

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
 Data File : BF114015.D
 Acq On : 26 Apr 2019 17:53
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 15 02:27:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	148123	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	588722	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	316117	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	641579	20.00	ng	0.00
76) Chrysene-d12	14.06	240	451016	20.00	ng	0.00
87) Perylene-d12	15.54	264	376520	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	698360	80.64	ng	0.00
7) Phenol-d6	6.53	99	925823	85.21	ng	0.00
23) Nitrobenzene-d5	7.46	82	861271	90.33	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	333530	86.61	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1679371	83.09	ng	0.00
79) Terphenyl-d14	13.00	244	2035762	92.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	163912	40.151	ng	95
3) Pyridine	3.46	79	436070	39.133	ng	98
4) n-Nitrosodimethylamine	3.41	42	126098	33.058	ng	96
6) Aniline	6.56	93	629204	42.171	ng	100
8) 2-Chlorophenol	6.69	128	422512	42.732	ng	98
9) Benzaldehyde	6.45	77	258796	42.909	ng	95
10) Phenol	6.55	94	547316	42.125	ng	94
11) bis(2-Chloroethyl)ether	6.63	93	413211	42.263	ng	96
12) 1,3-Dichlorobenzene	6.84	146	479589	42.827	ng	99
13) 1,4-Dichlorobenzene	6.92	146	478747	42.505	ng	98
14) 1,2-Dichlorobenzene	7.07	146	445485	43.036	ng	99
15) Benzyl Alcohol	7.04	79	357846	48.900	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	459974	40.302	ng	92
17) 2-Methylphenol	7.15	107	358908	41.410	ng	99
18) Hexachloroethane	7.42	117	170735	43.242	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	298366	42.403	ng	98
20) 3+4-Methylphenols	7.30	107	423921	43.292	ng	# 77
22) Acetophenone	7.31	105	557222	42.533	ng	99
24) Nitrobenzene	7.48	77	462661	43.914	ng	97
25) Isophorone	7.72	82	820529	42.057	ng	99
26) 2-Nitrophenol	7.79	139	239867	49.906	ng	93
27) 2,4-Dimethylphenol	7.83	122	319524	40.803	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	529192	42.567	ng	99
29) 2,4-Dichlorophenol	8.04	162	387025	43.219	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	426850	42.750	ng	99
31) Naphthalene	8.20	128	1195220	42.736	ng	99
32) Benzoic acid	7.96	122	182228	34.458	ng	98
33) 4-Chloroaniline	8.25	127	496545	41.959	ng	99
34) Hexachlorobutadiene	8.32	225	267601	42.992	ng	99
35) Caprolactam	8.63	113	121849	42.774	ng	89
36) 4-Chloro-3-methylphenol	8.73	107	387113	43.634	ng	99
37) 2-Methylnaphthalene	8.89	142	812324	43.072	ng	99
38) 1-Methylnaphthalene	8.99	142	781691	42.944	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	434706	42.334	ng	99

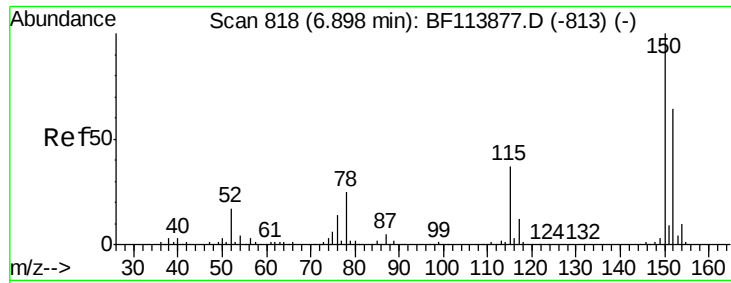
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
 Data File : BF114015.D
 Acq On : 26 Apr 2019 17:53
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 15 02:27:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	217713	38.021	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	279769	42.906	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	312491	42.727	ng	100
46) 1,1'-Biphenyl	9.36	154	1034482	42.837	ng	99
47) 2-Chloronaphthalene	9.38	162	836086	42.574	ng	97
48) 2-Nitroaniline	9.47	65	238262	46.281	ng	91
49) Acenaphthylene	9.80	152	1317885	42.866	ng	100
50) Dimethylphthalate	9.66	163	1009598	44.160	ng	99
51) 2,6-Dinitrotoluene	9.72	165	230922	47.081	ng	96
52) Acenaphthene	9.97	154	798464	43.946	ng	97
53) 3-Nitroaniline	9.89	138	228468	44.328	ng	94
54) 2,4-Dinitrophenol	9.99	184	103926	52.200	ng	# 6
55) Dibenzofuran	10.15	168	1173154	43.105	ng	99
56) 4-Nitrophenol	10.04	139	188000	46.069	ng	96
57) 2,4-Dinitrotoluene	10.12	165	312971	50.553	ng	91
58) Fluorene	10.49	166	885408	43.211	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	280152	43.589	ng	99
60) Diethylphthalate	10.35	149	960932	44.261	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	468764	43.197	ng	99
62) 4-Nitroaniline	10.50	138	239744	47.666	ng	98
63) Azobenzene	10.63	77	899822	42.764	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	150689	50.749	ng	93
66) n-Nitrosodiphenylamine	10.59	169	805268	41.830	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	319806	41.262	ng	96
68) Hexachlorobenzene	11.04	284	354900	41.669	ng	95
69) Atrazine	11.12	200	251196	40.112	ng	99
70) Pentachlorophenol	11.23	266	209446	43.433	ng	96
71) Phenanthrene	11.45	178	1352210	41.938	ng	99
72) Anthracene	11.50	178	1374821	42.224	ng	100
73) Carbazole	11.65	167	1255281	43.213	ng	100
74) Di-n-butylphthalate	11.98	149	1513680	44.298	ng	99
75) Fluoranthene	12.63	202	1446523	41.120	ng	99
77) Benzidine	12.75	184	582152	43.320	ng	99
78) Pyrene	12.86	202	1455074	46.134	ng	99
80) Butylbenzylphthalate	13.47	149	626574	50.492	ng	97
81) Benzo(a)anthracene	14.05	228	1258701	47.368	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	468429	48.094	ng	99
83) Chrysene	14.09	228	1206890	46.635	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	826271	52.333	ng	100
85) Di-n-octyl phthalate	14.66	149	1276965	51.672	ng	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	928932	37.894	ng	98
88) Benzo(b)fluoranthene	15.12	252	1108670	46.539	ng	99
89) Benzo(k)fluoranthene	15.14	252	892572	43.559	ng	99
90) Benzo(a)pyrene	15.49	252	896805	43.524	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	765111	39.556	ng	100
92) Benzo(g,h,i)perylene	17.49	276	755340	38.696	ng	99

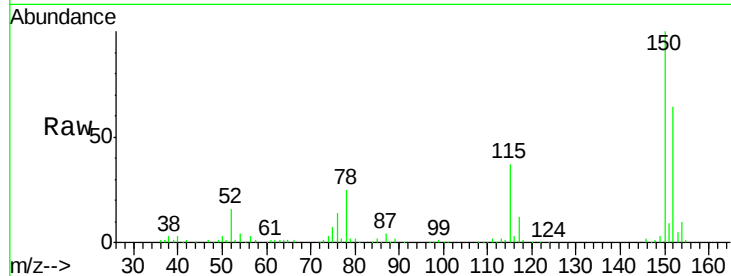
(#) = qualifier out of range (m) = manual integration (+) = signals summed



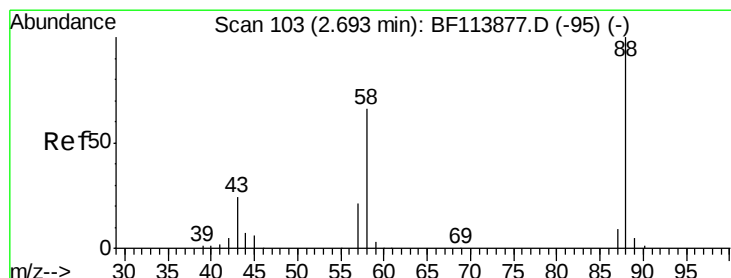
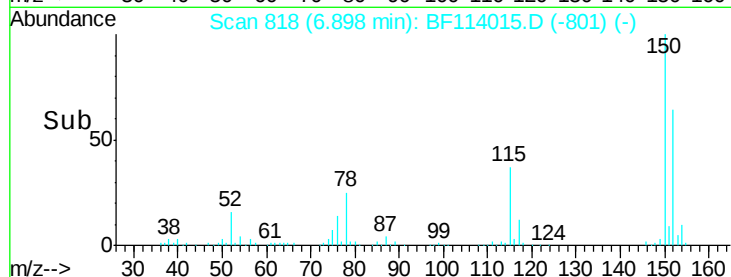
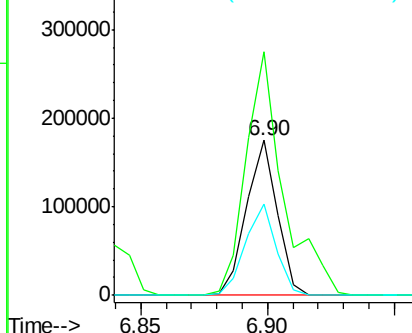
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 152 Resp: 148123
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.9 188.9
 115 58.4 45.9 68.9

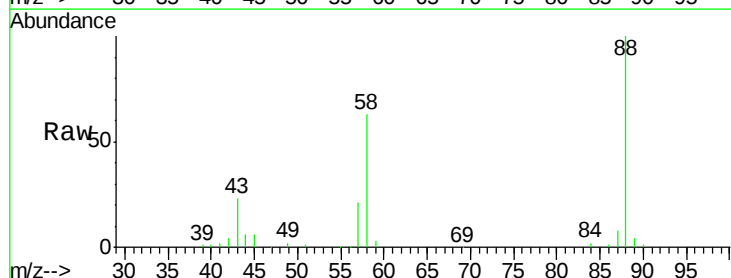


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

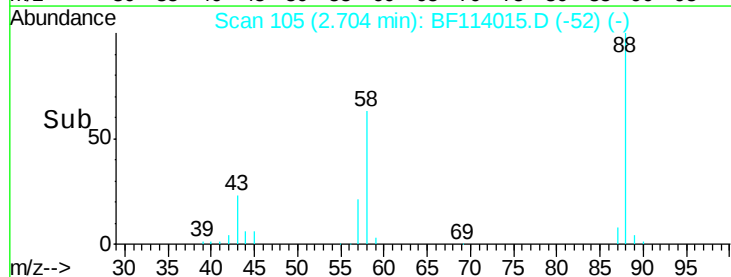
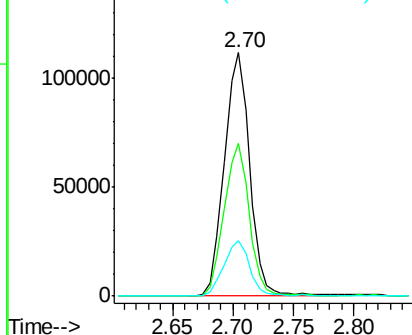


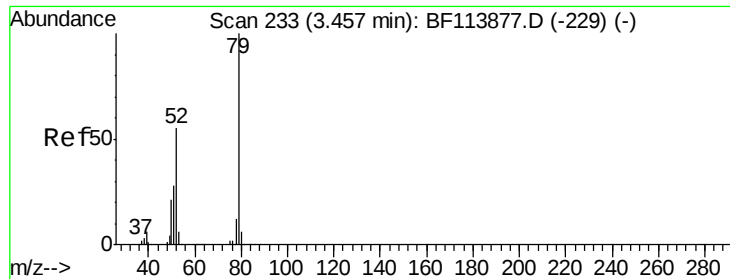
#2
 1,4-Dioxane
 Concen: 40.151 ng
 RT: 2.70 min Scan# 105
 Delta R.T. 0.01 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Tgt Ion: 88 Resp: 163912
 Ion Ratio Lower Upper
 88 100
 58 62.0 53.3 79.9
 43 22.9 19.0 28.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 39.133 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

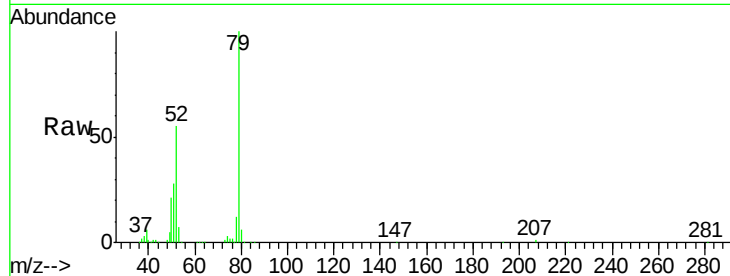
Tgt Ion: 79 Resp: 436070

Ion Ratio Lower Upper

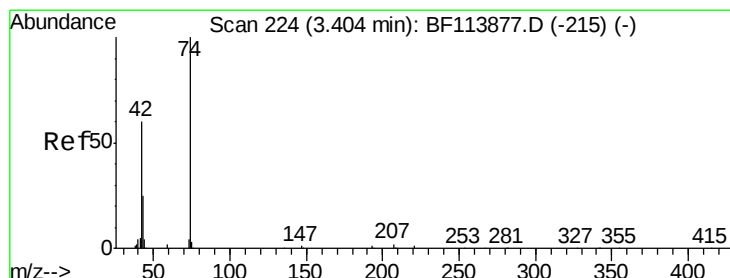
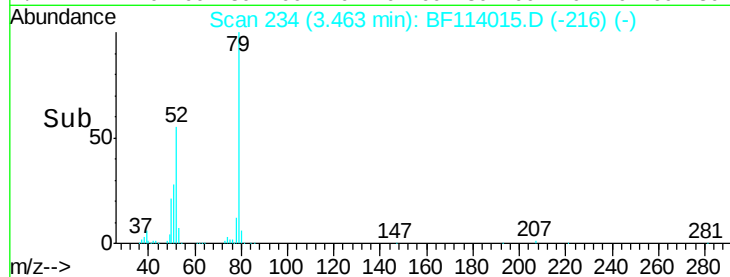
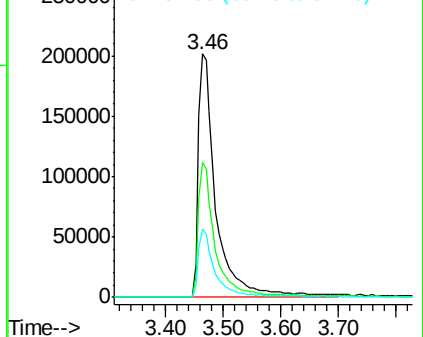
79 100

52 55.2 45.3 67.9

51 28.1 22.1 33.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.058 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

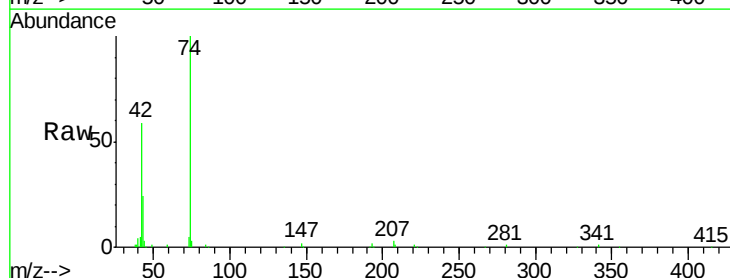
Tgt Ion: 42 Resp: 126098

Ion Ratio Lower Upper

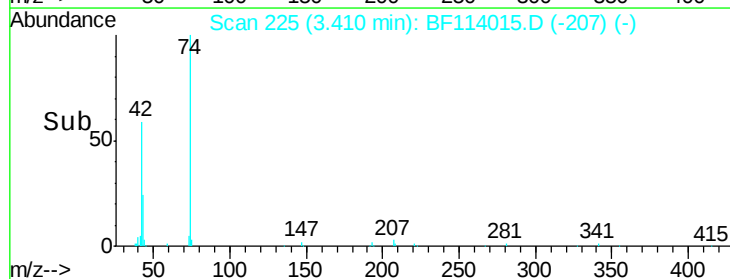
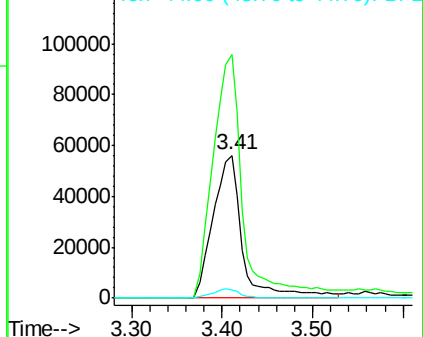
42 100

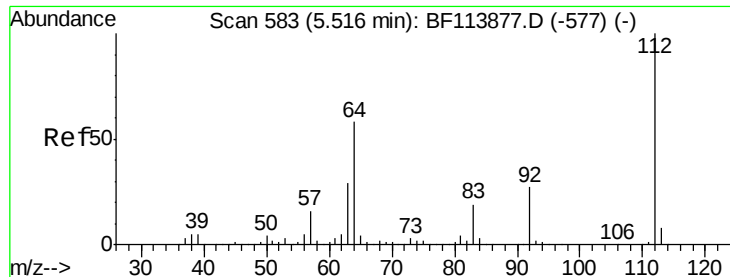
74 170.6 132.6 198.8

44 5.9 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.639 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

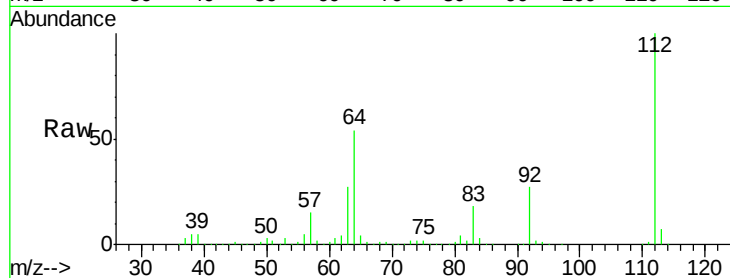
Tgt Ion: 112 Resp: 698360

Ion Ratio Lower Upper

112 100

64 54.4 46.6 69.8

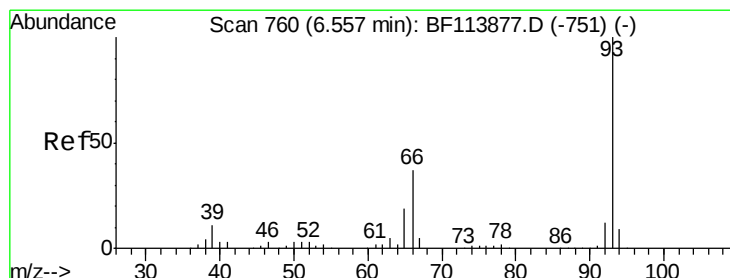
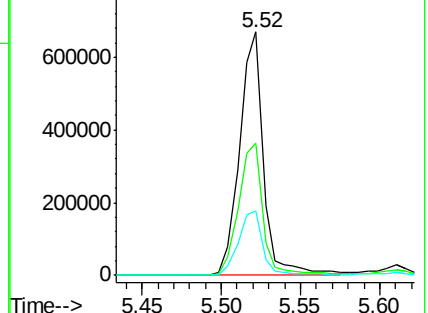
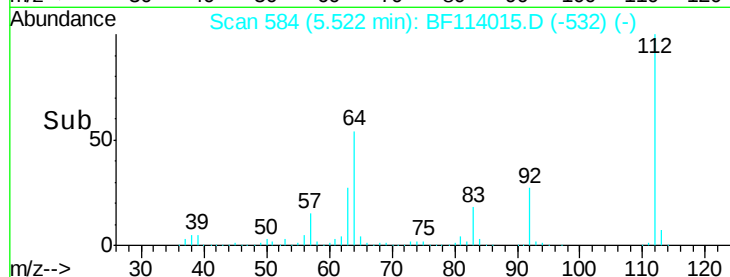
63 26.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.171 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

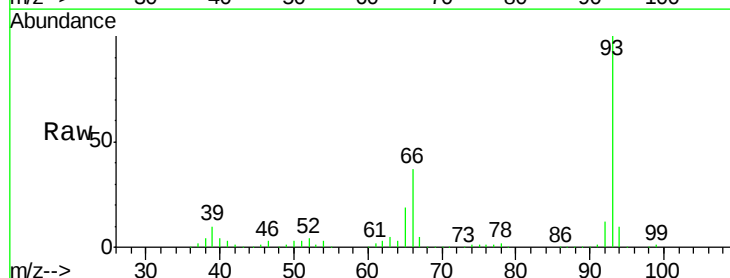
Tgt Ion: 93 Resp: 629204

Ion Ratio Lower Upper

93 100

66 37.1 29.8 44.6

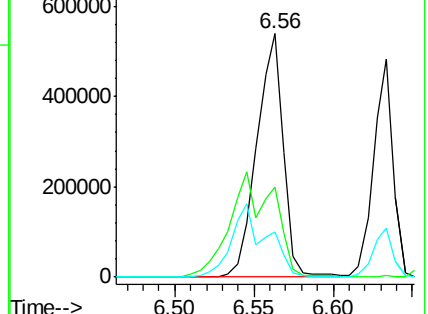
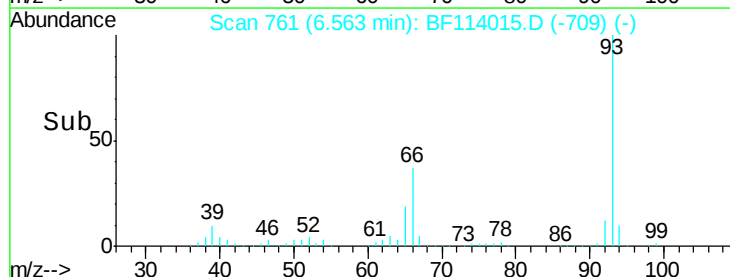
65 18.6 14.9 22.3

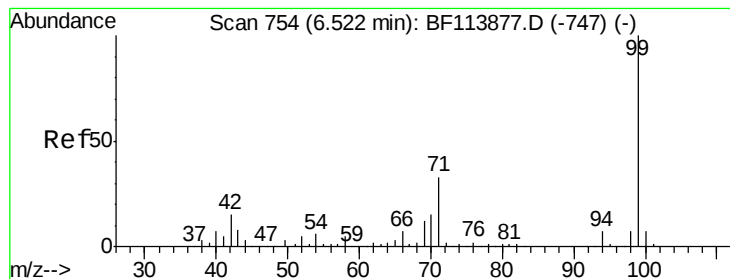


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.208 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

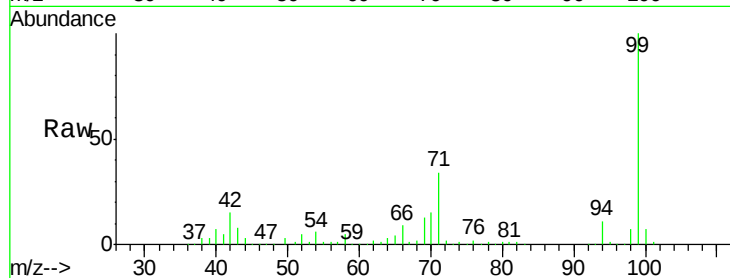
Tgt Ion: 99 Resp: 925823

Ion Ratio Lower Upper

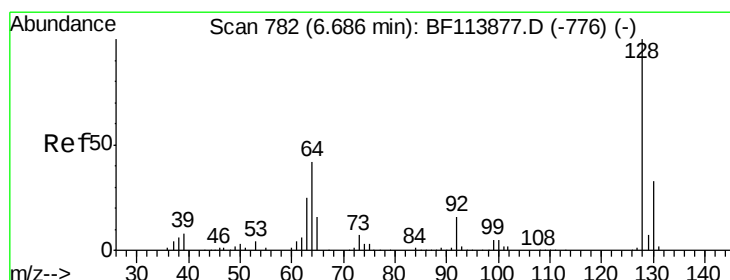
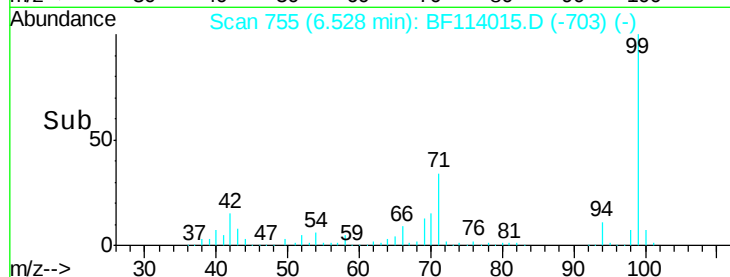
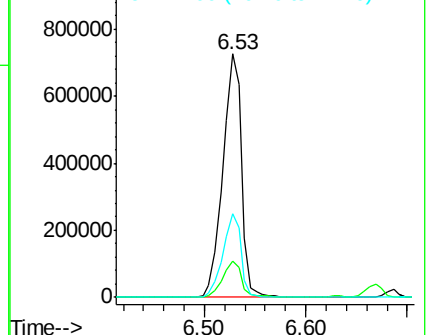
99 100

42 14.9 12.5 18.7

71 34.2 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.732 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

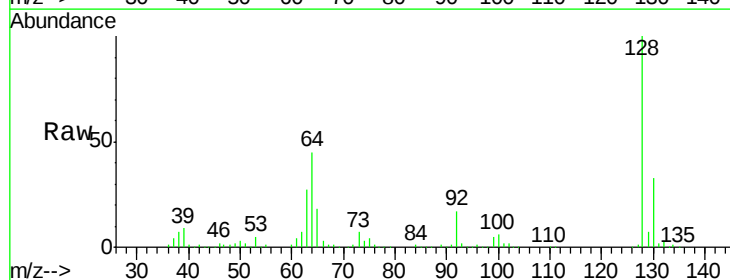
Tgt Ion: 128 Resp: 422512

Ion Ratio Lower Upper

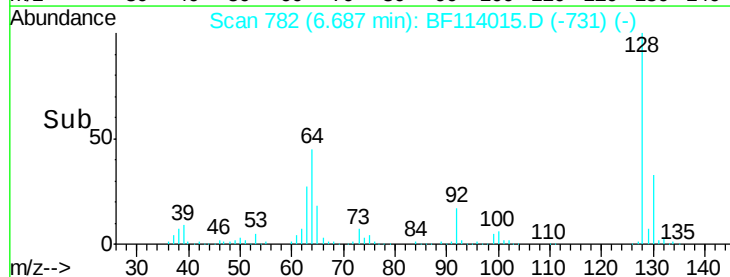
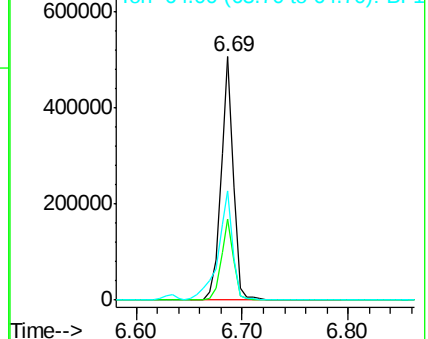
128 100

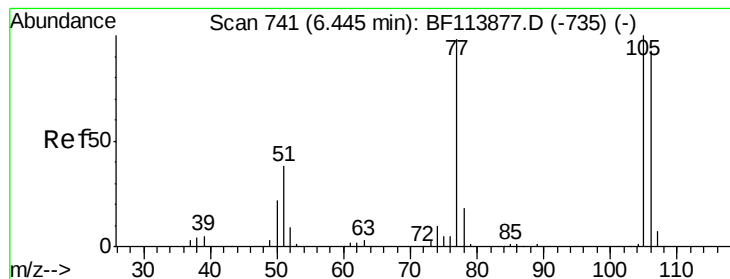
130 33.1 12.3 52.3

64 44.9 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.909 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

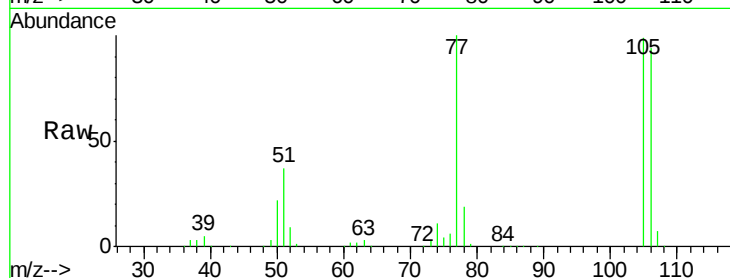
Tgt Ion: 77 Resp: 258796

Ion Ratio Lower Upper

77 100

105 99.0 74.1 114.1

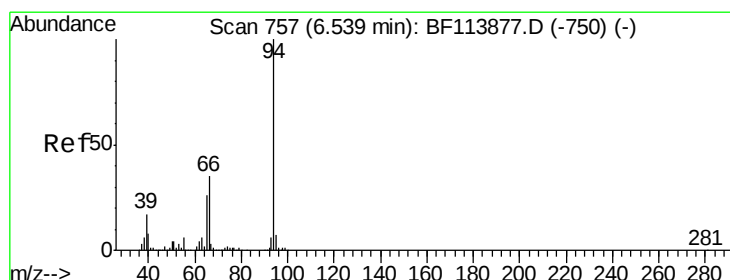
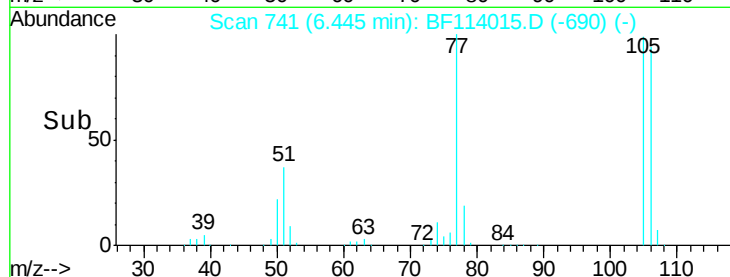
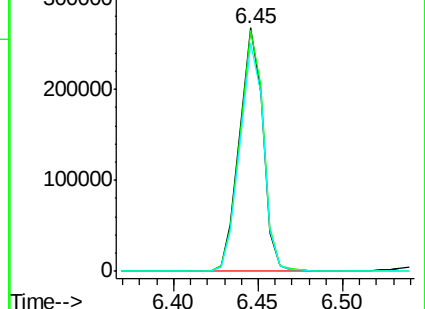
106 94.0 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.125 ng

RT: 6.55 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

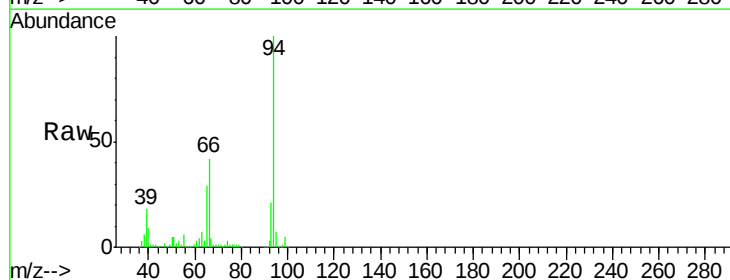
Tgt Ion: 94 Resp: 547316

Ion Ratio Lower Upper

94 100

65 29.3 8.1 48.1

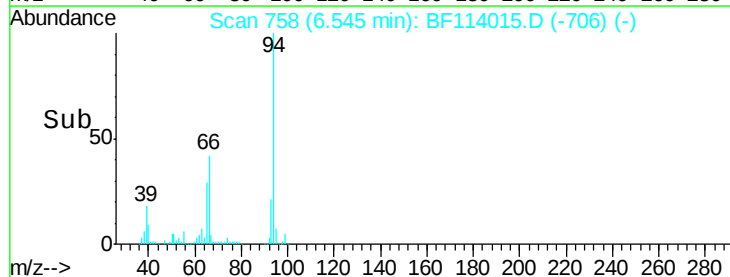
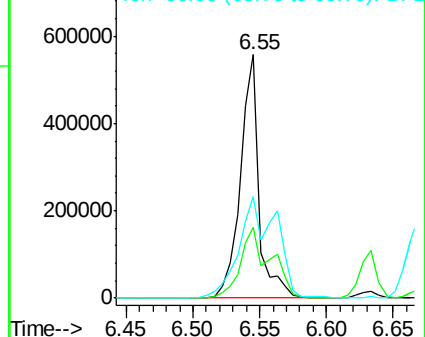
66 41.7 16.6 56.6

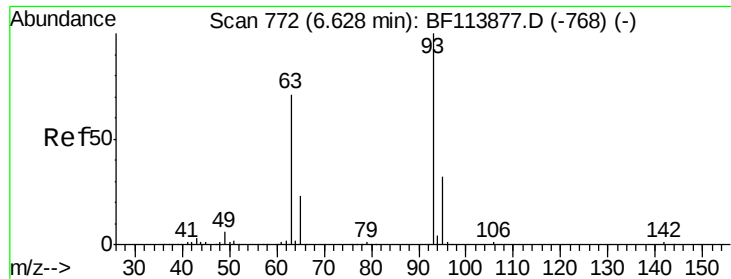


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

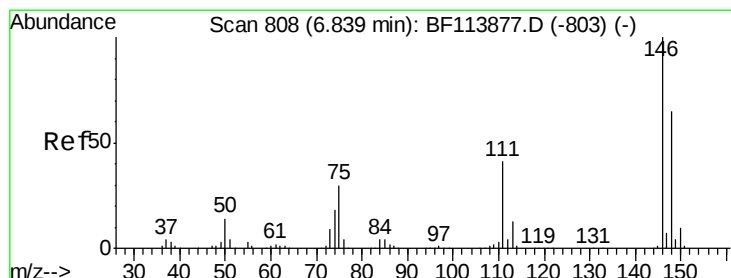
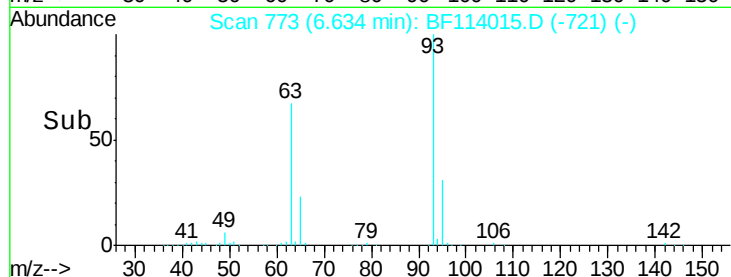
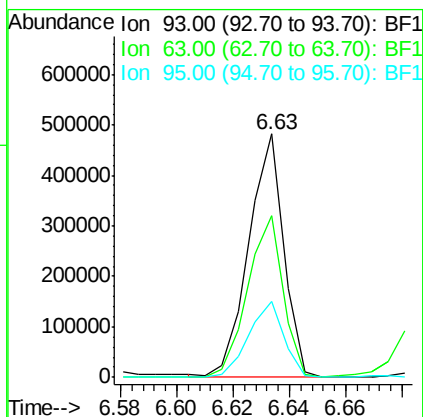
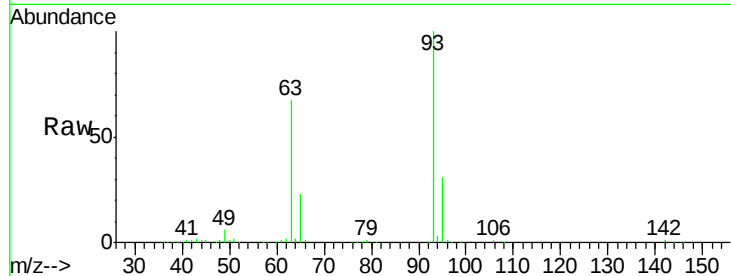




#11
 bis(2-Chloroethyl)ether
 Concen: 42.263 ng
 RT: 6.63 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

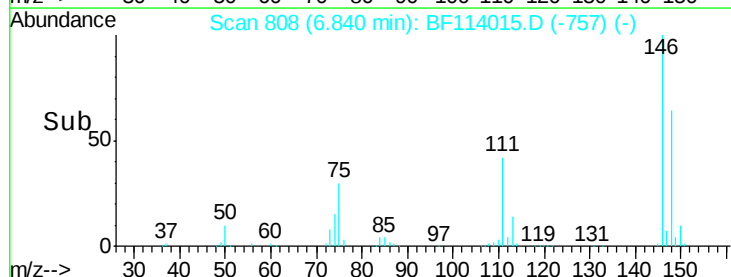
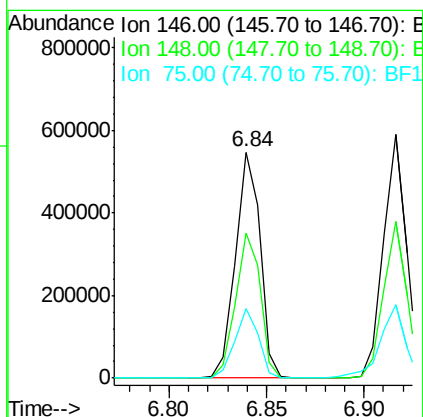
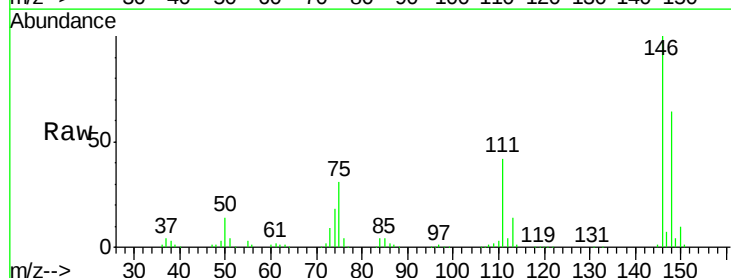
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

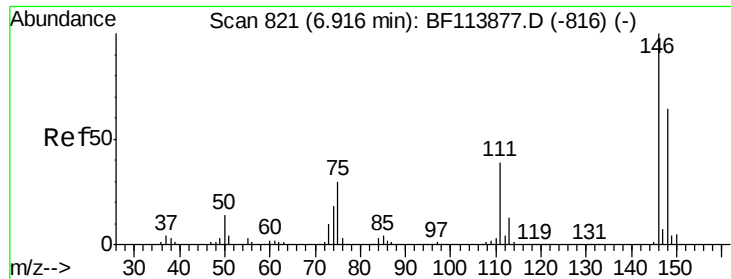
Tgt Ion: 93 Resp: 413211
 Ion Ratio Lower Upper
 93 100
 63 66.7 50.7 90.7
 95 31.3 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 42.827 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Tgt Ion: 146 Resp: 479589
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.6
 75 31.0 23.8 35.8

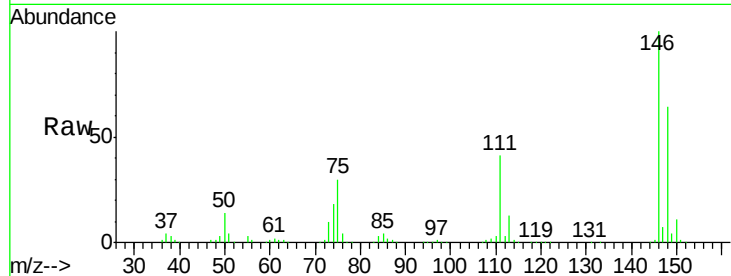




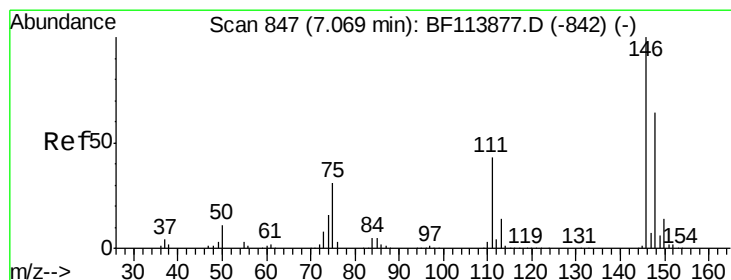
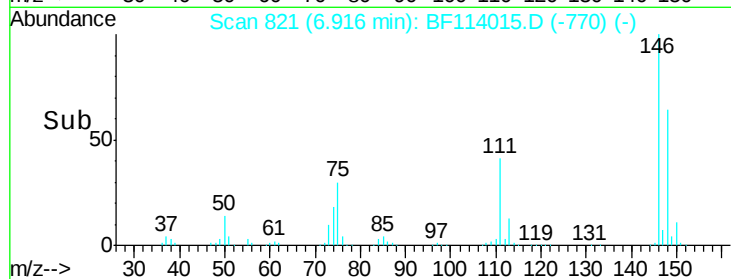
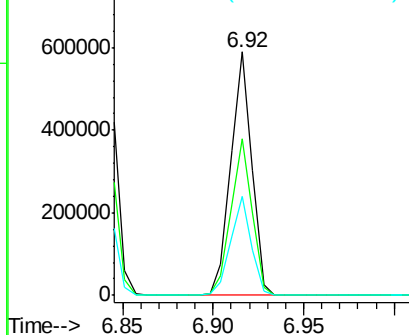
#13
 1,4-Dichlorobenzene
 Concen: 42.505 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 478747
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.8
 111 40.6 30.9 46.3

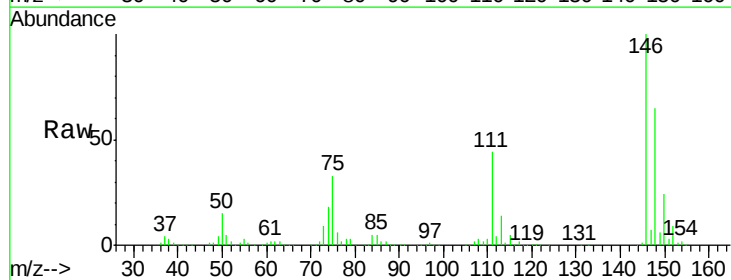


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

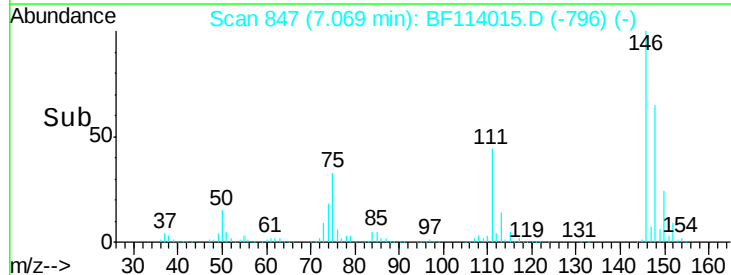
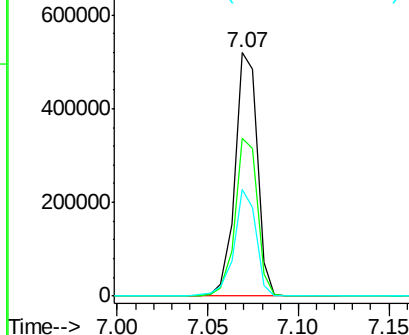


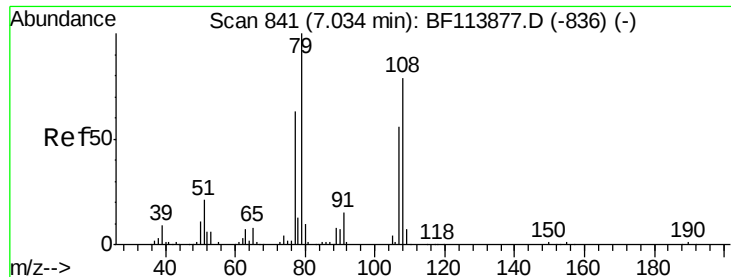
#14
 1,2-Dichlorobenzene
 Concen: 43.036 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Tgt Ion:146 Resp: 445485
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.1 78.1
 111 43.9 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.900 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

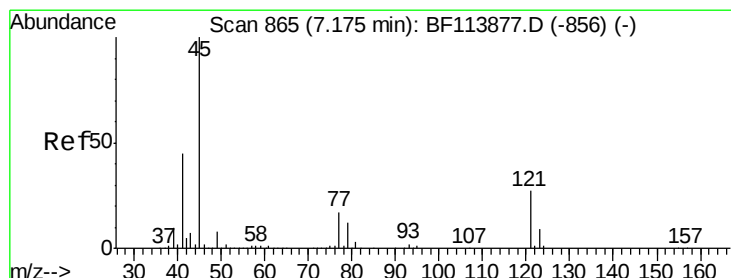
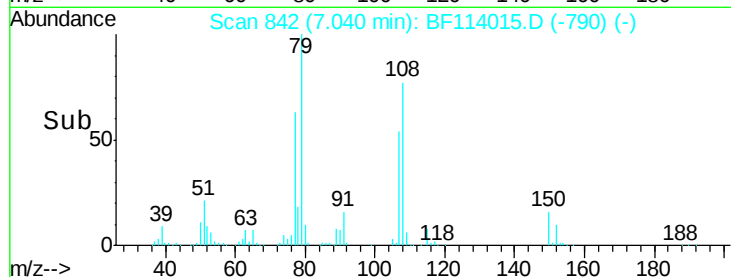
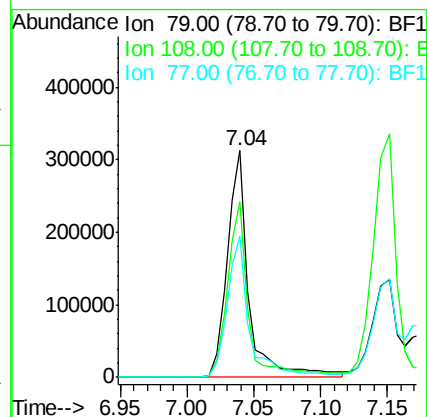
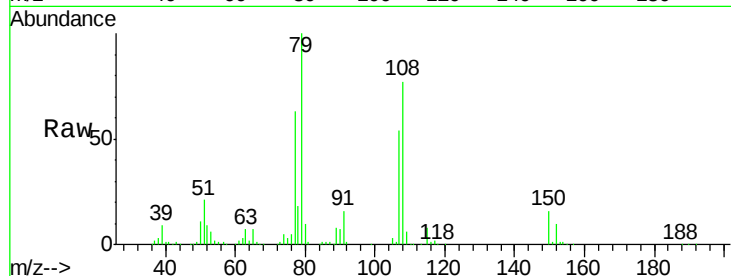
Tgt Ion: 79 Resp: 357846

Ion Ratio Lower Upper

79 100

108 77.3 61.4 92.0

77 62.5 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.302 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

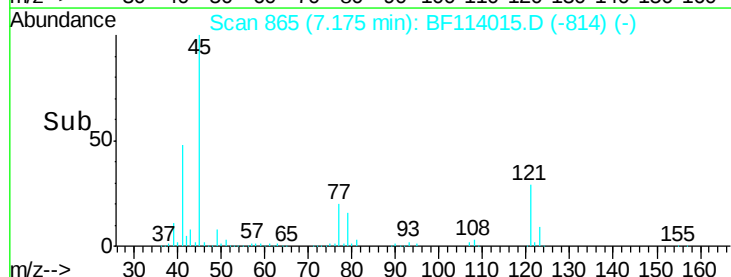
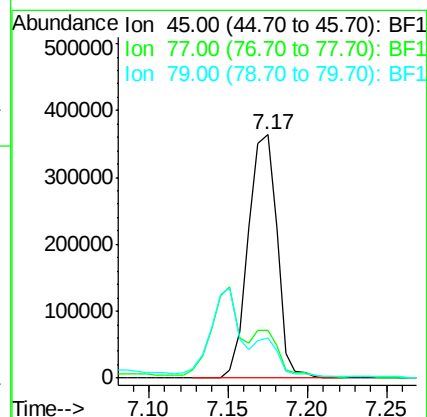
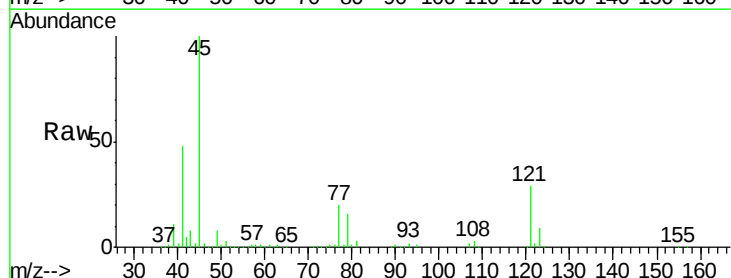
Tgt Ion: 45 Resp: 459974

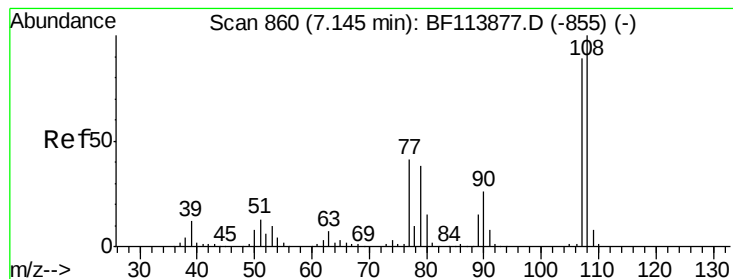
Ion Ratio Lower Upper

45 100

77 19.8 0.0 37.0

79 16.5 0.0 32.7





#17

2-Methylphenol

Concen: 41.410 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 358908

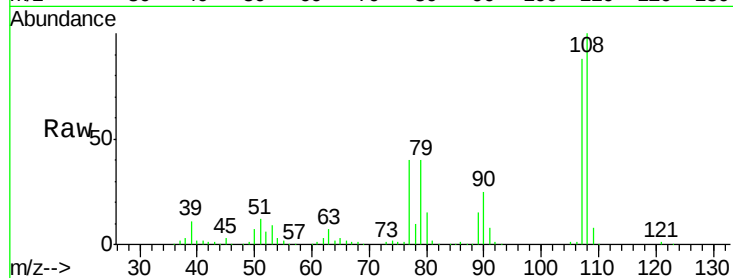
Ion Ratio Lower Upper

107 100

108 113.1 91.5 137.3

77 45.8 36.2 54.4

79 45.5 35.4 53.0

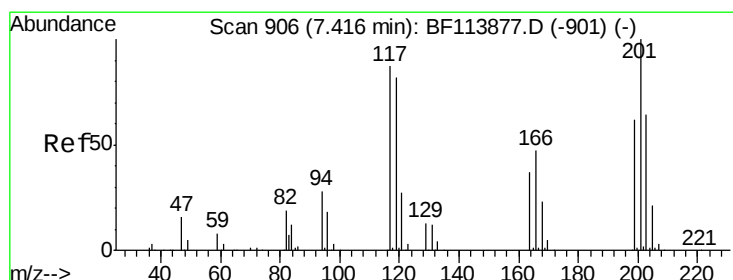
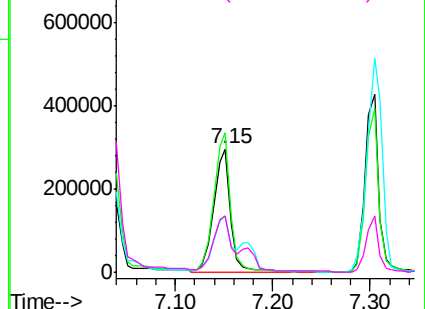
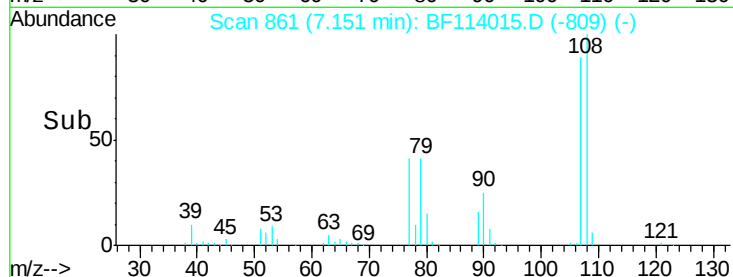


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.242 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

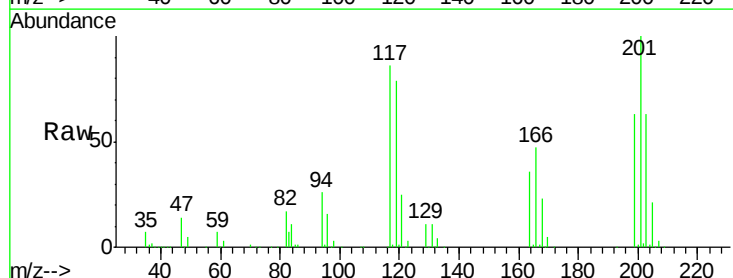
Tgt Ion:117 Resp: 170735

Ion Ratio Lower Upper

117 100

119 92.4 74.4 111.6

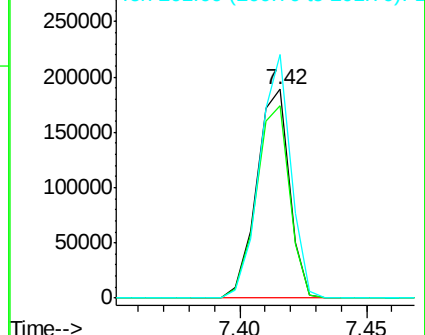
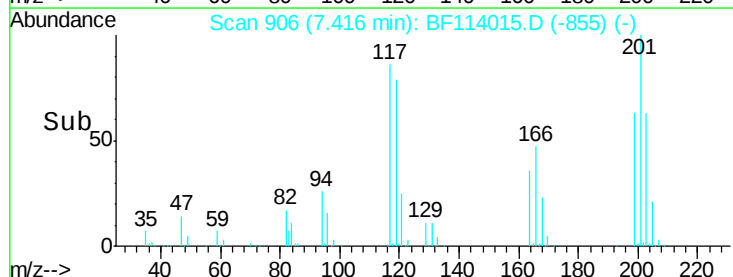
201 116.8 90.2 135.2

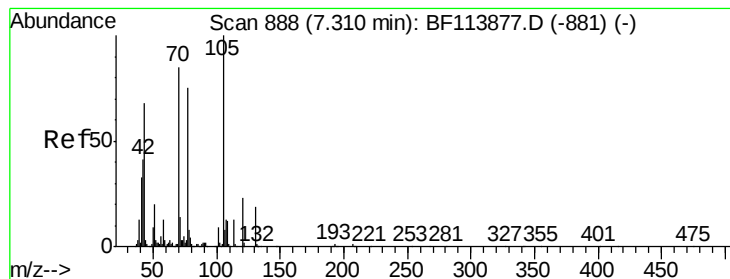


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.403 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 298366

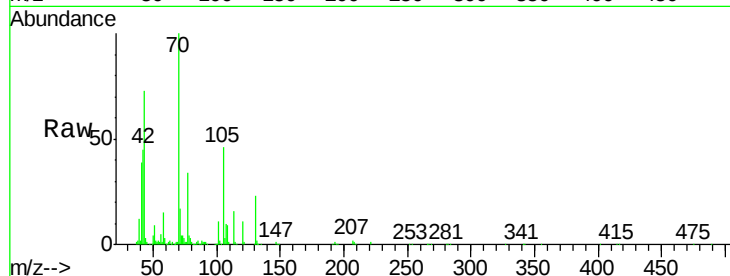
Ion Ratio Lower Upper

70 100

42 44.9 37.3 55.9

101 10.6 7.8 11.8

130 23.5 18.2 27.2

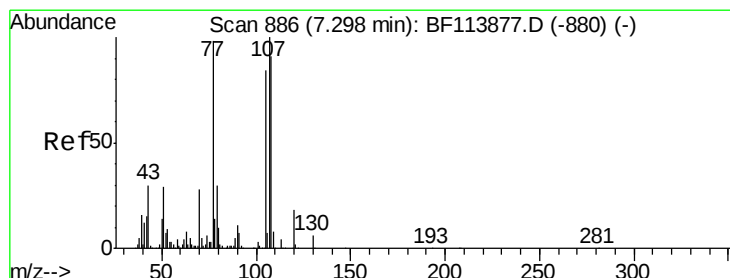
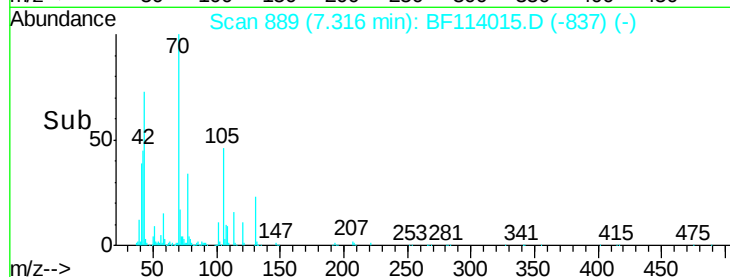
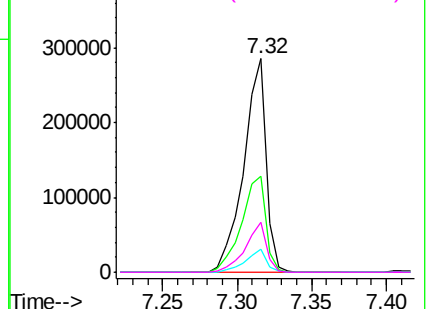


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 43.292 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Tgt Ion: 107 Resp: 423921

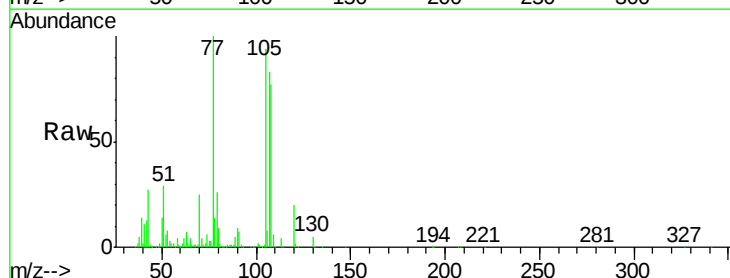
Ion Ratio Lower Upper

107 100

108 92.2 70.1 110.1

77 120.0 52.9 92.9#

79 31.4 10.2 50.2

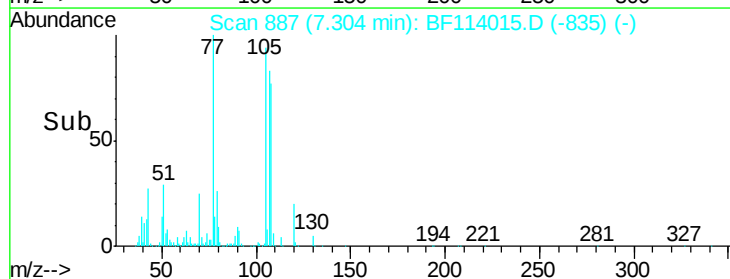
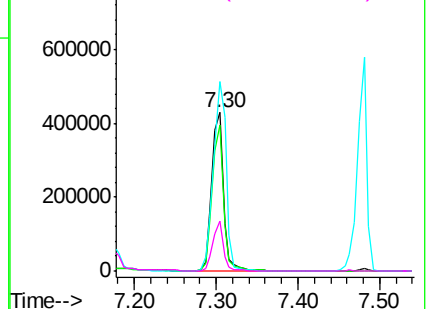


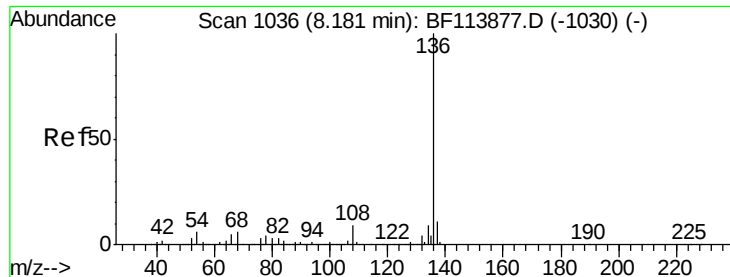
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 588722

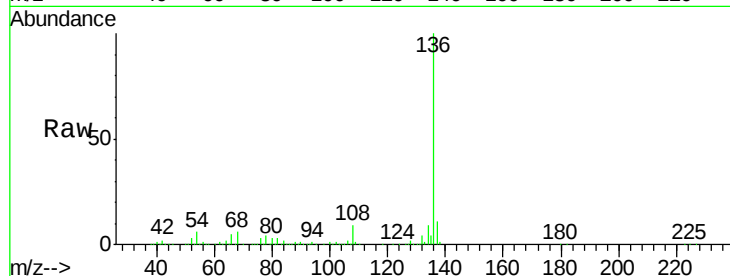
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 6.2 5.0 7.6

68 6.0 4.9 7.3

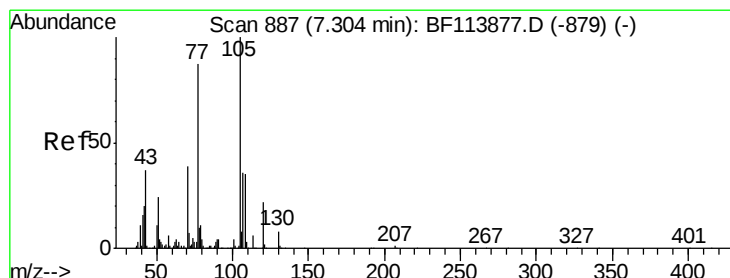
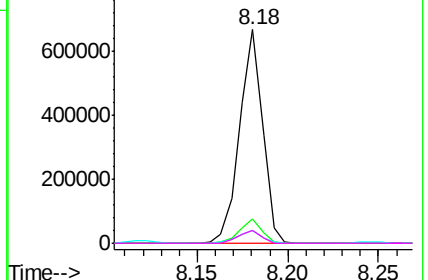
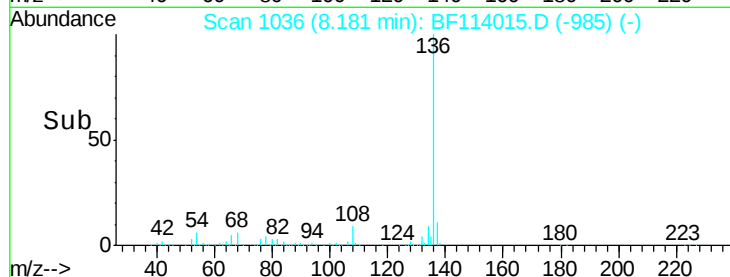


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.533 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Tgt Ion:105 Resp: 557222

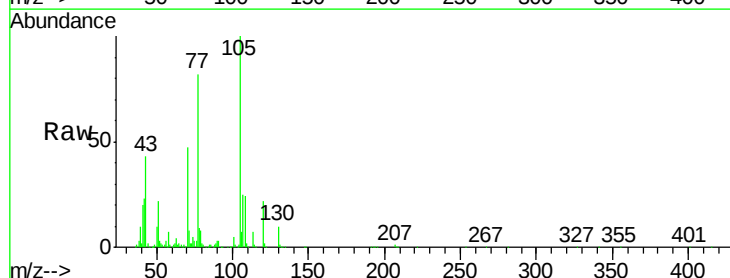
Ion Ratio Lower Upper

105 100

71 7.5 6.1 9.1

51 22.2 16.8 25.2

120 21.9 17.6 26.4

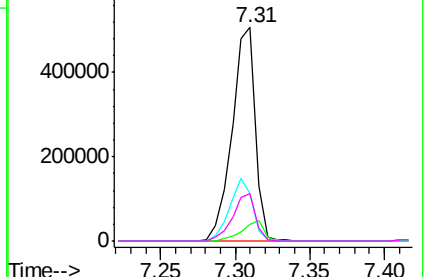
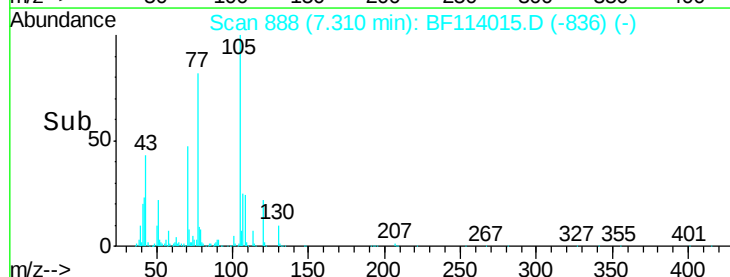


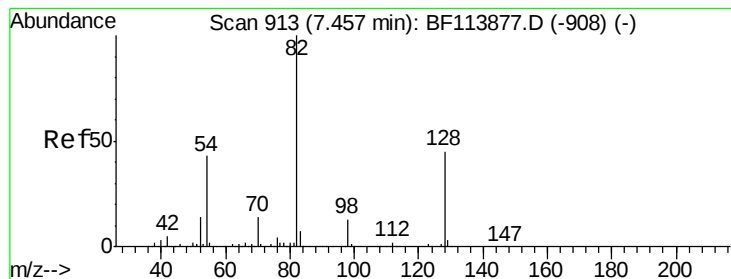
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 90.328 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

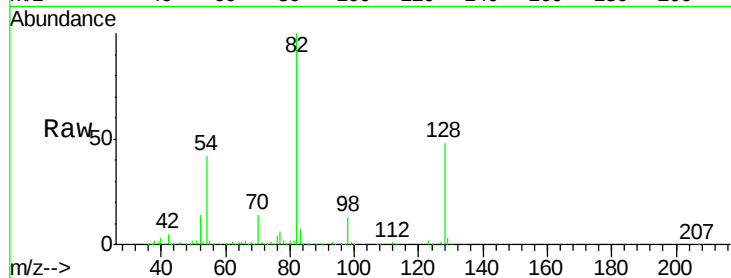
Tgt Ion: 82 Resp: 861271

Ion Ratio Lower Upper

82 100

128 47.8 36.8 55.2

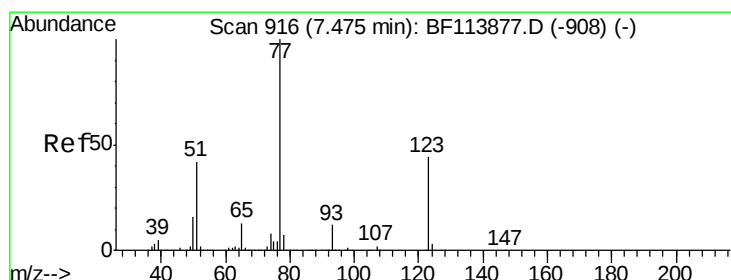
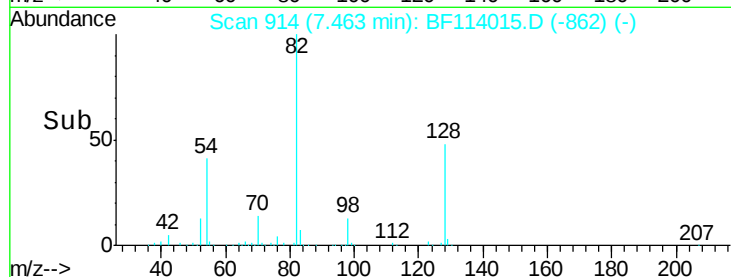
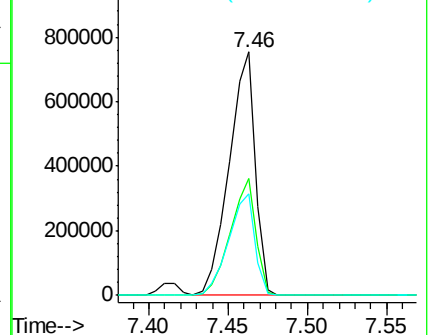
54 41.7 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 43.914 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

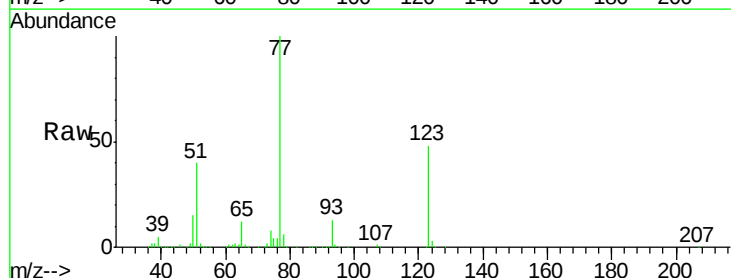
Tgt Ion: 77 Resp: 462661

Ion Ratio Lower Upper

77 100

123 48.0 36.3 54.5

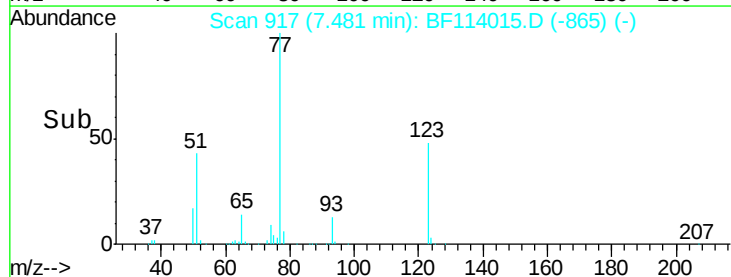
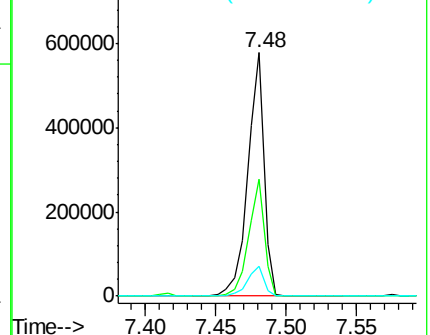
65 12.5 10.3 15.5

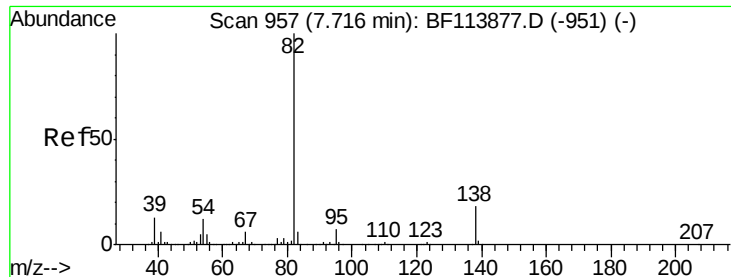


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.057 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

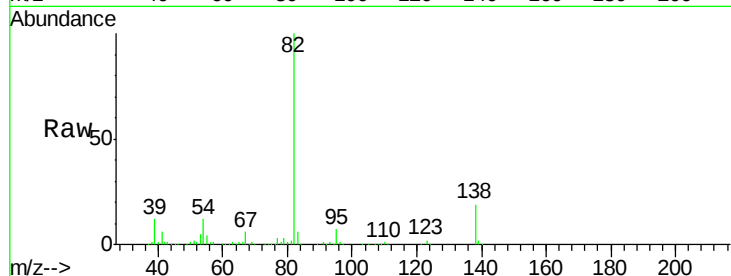
Tgt Ion: 82 Resp: 820529

Ion Ratio Lower Upper

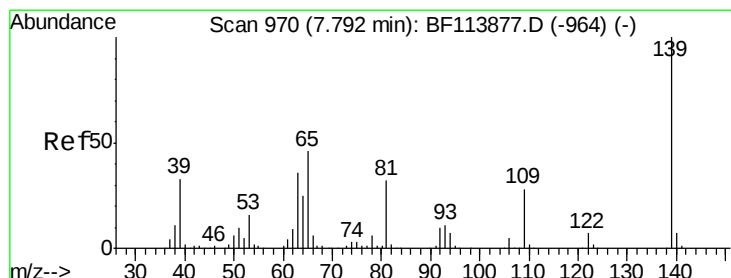
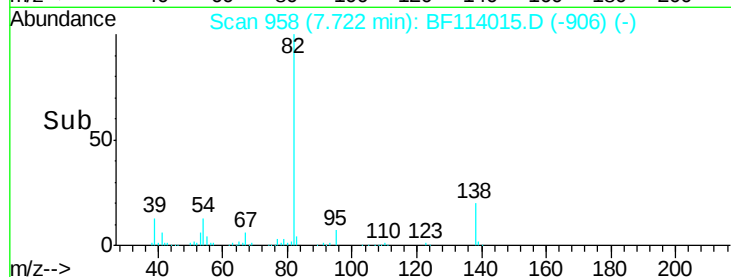
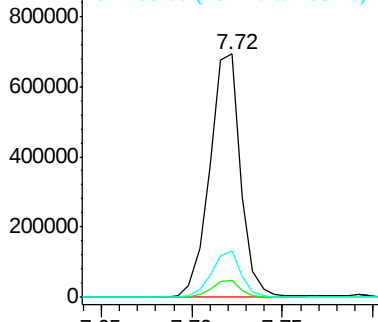
82 100

95 7.0 5.4 8.2

138 18.9 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.906 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

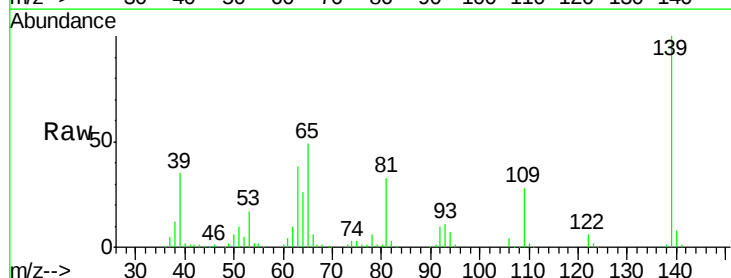
Tgt Ion: 139 Resp: 239867

Ion Ratio Lower Upper

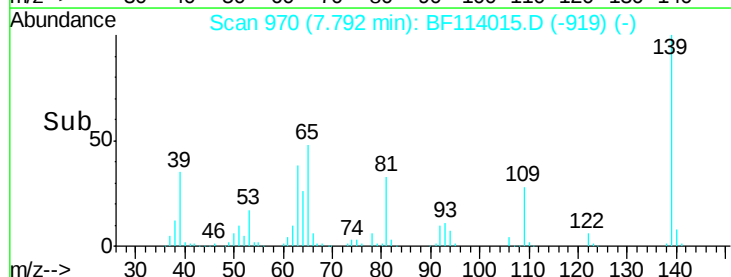
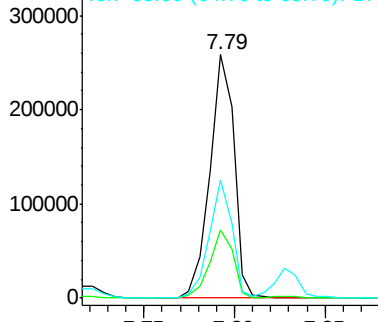
139 100

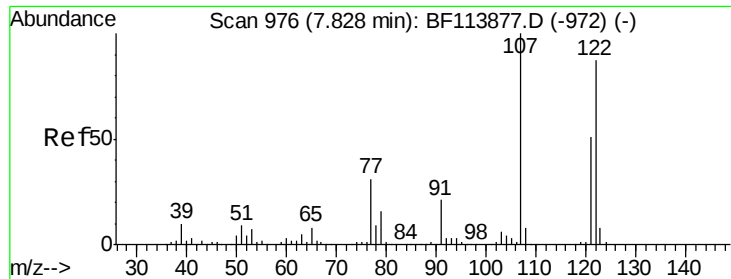
109 28.1 20.6 31.0

65 48.5 34.6 52.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

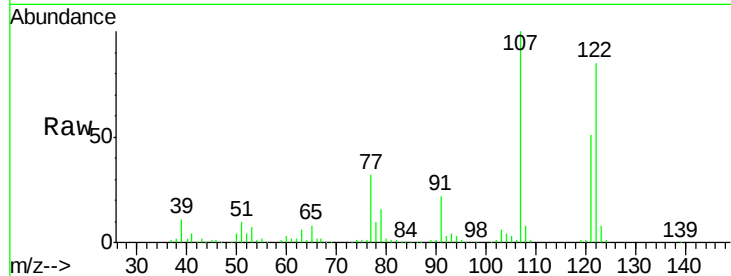




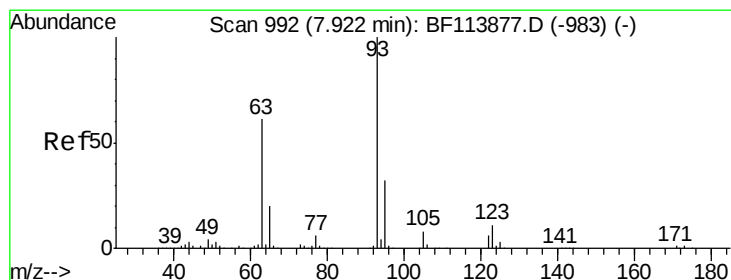
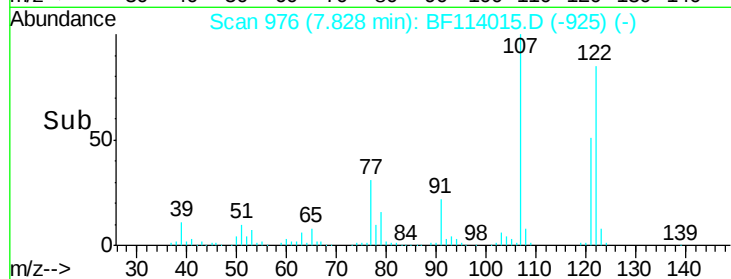
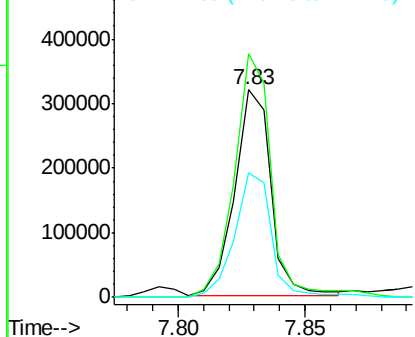
#27
 2,4-Dimethylphenol
 Concen: 40.803 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:122 Resp: 319524
 Ion Ratio Lower Upper
 122 100
 107 117.3 91.2 136.8
 121 59.8 46.4 69.6

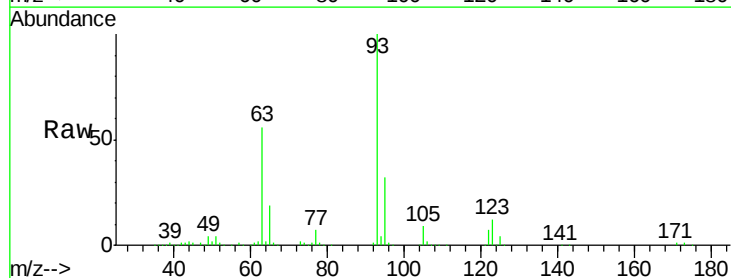


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

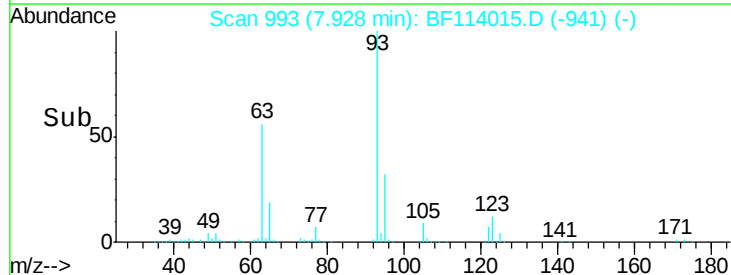
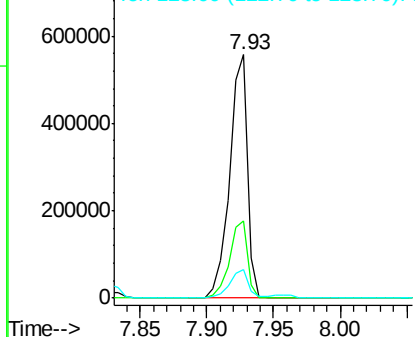


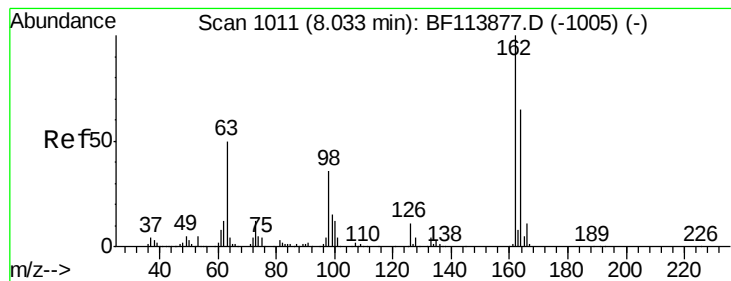
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.567 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Tgt Ion: 93 Resp: 529192
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.8 38.6
 123 11.7 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.219 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

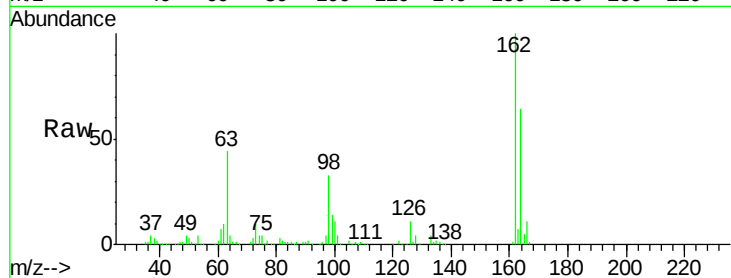
Tgt Ion:162 Resp: 387025

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

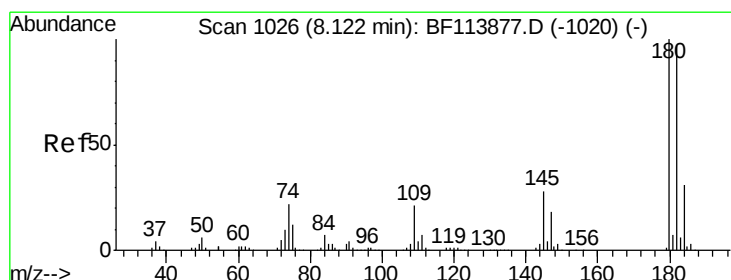
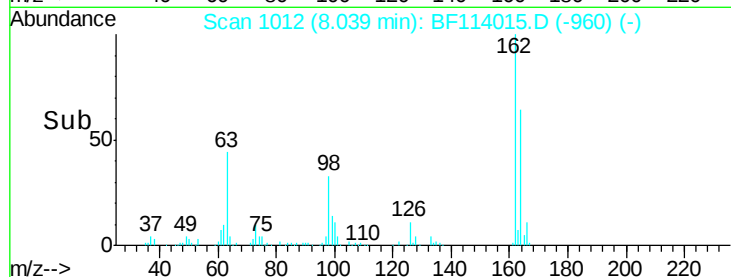
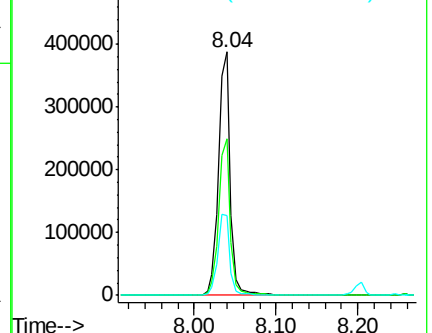
98 32.8 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.750 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

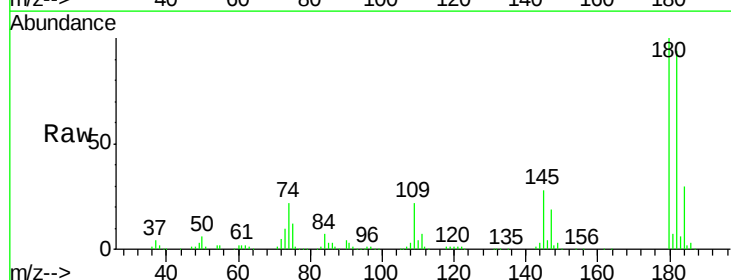
Tgt Ion:180 Resp: 426850

Ion Ratio Lower Upper

180 100

182 93.6 75.4 113.0

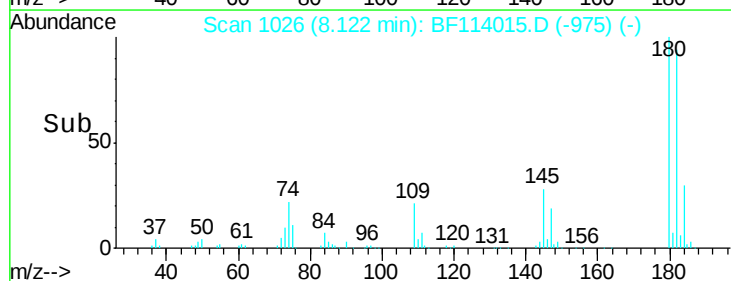
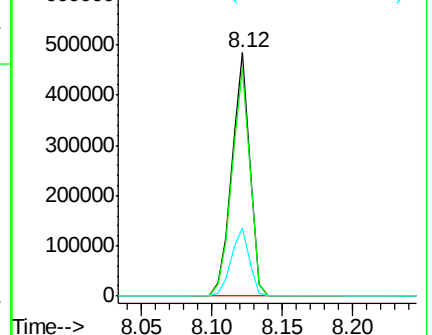
145 28.1 23.0 34.4

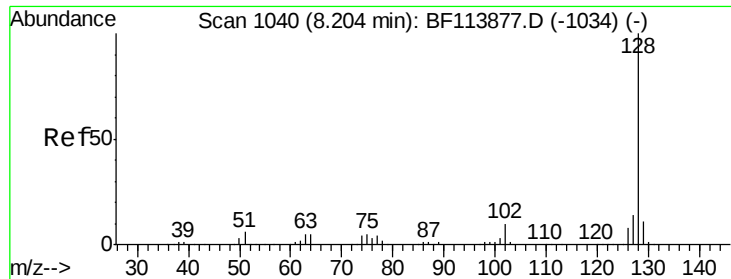


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

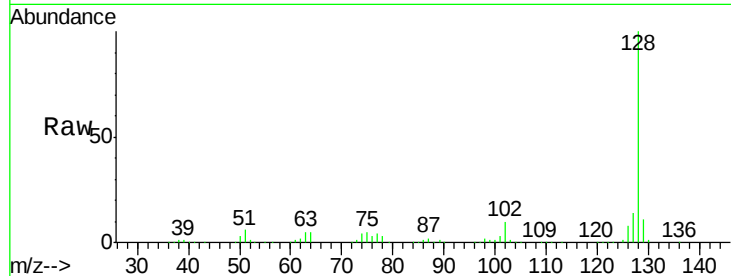




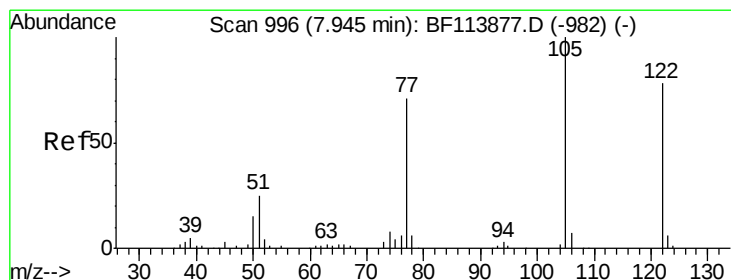
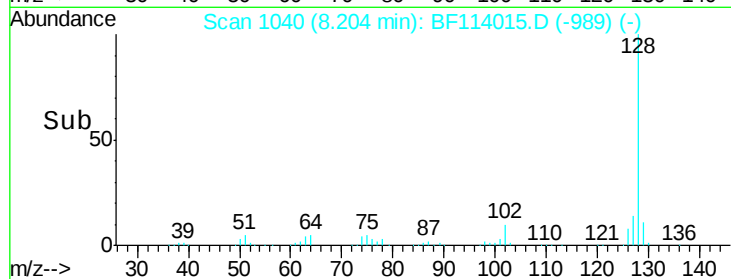
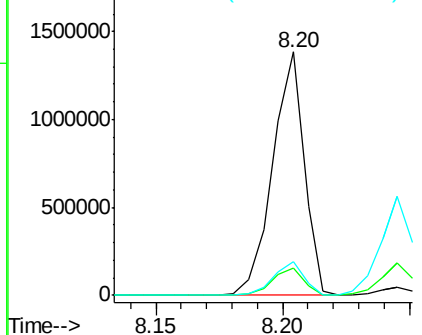
#31
Naphthalene
Concen: 42.736 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 1195220
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.7 10.8 16.2

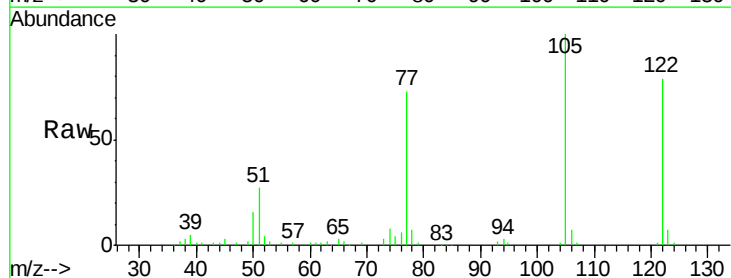


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

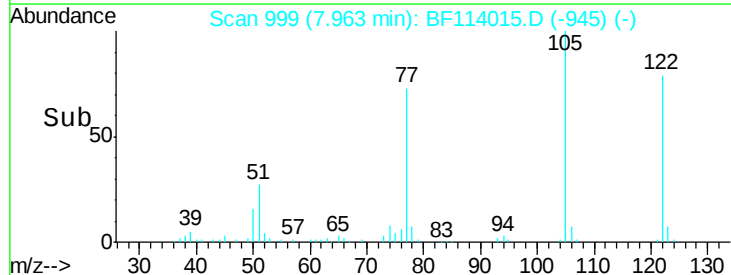
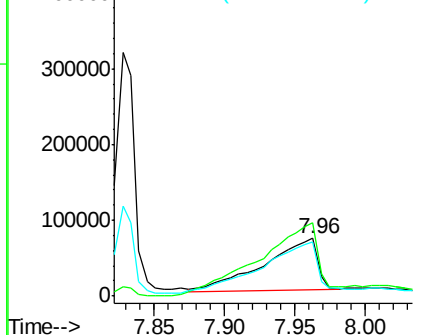


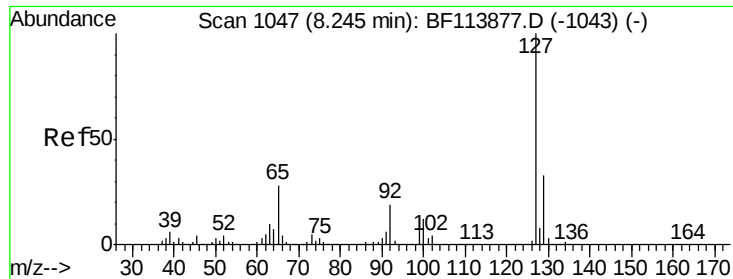
#32
Benzoic acid
Concen: 34.458 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.02 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Tgt Ion:122 Resp: 182228
Ion Ratio Lower Upper
122 100
105 126.7 104.3 144.3
77 92.7 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

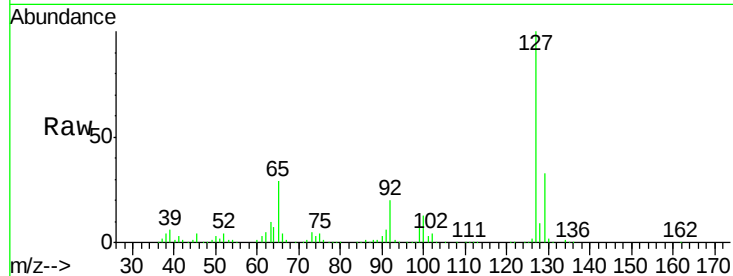




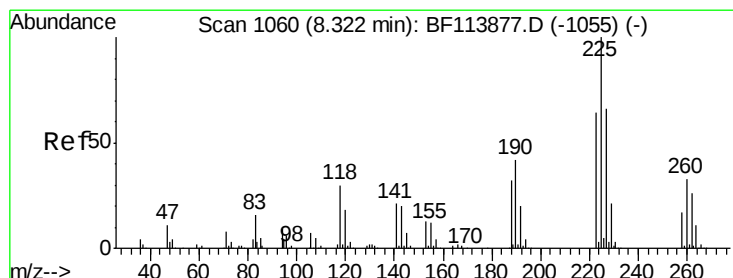
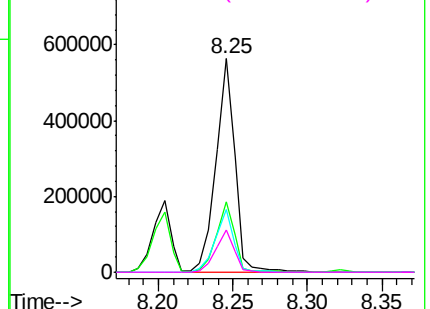
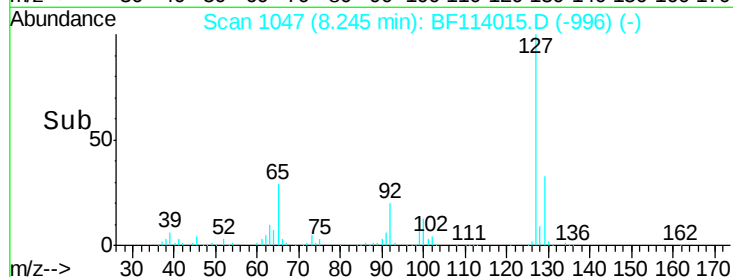
#33
4-Chloroaniline
Concen: 41.959 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	496545
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	29.2	24.9	37.3
92	20.0	15.9	23.9

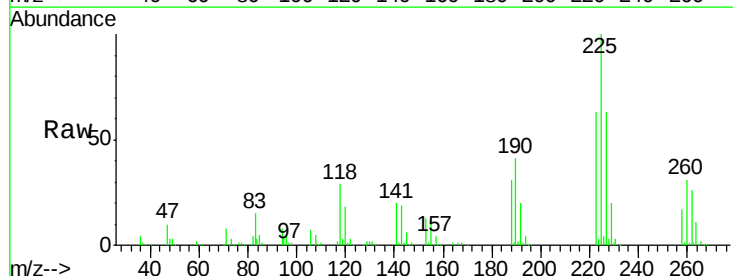


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

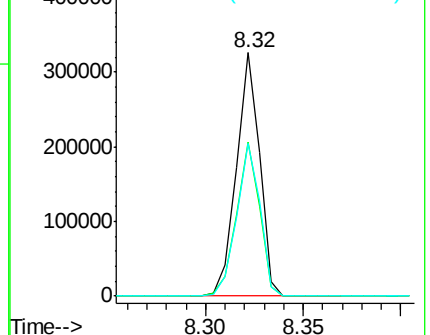
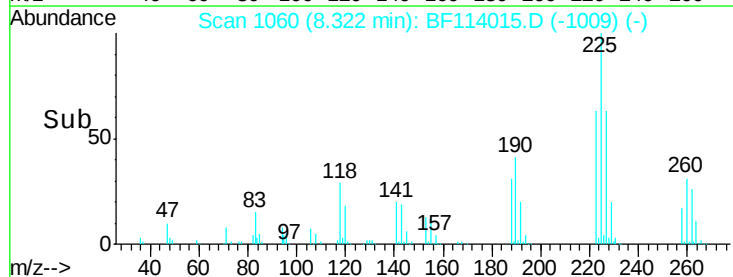


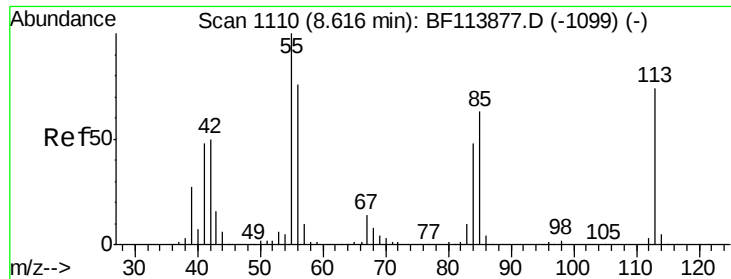
#34
Hexachlorobutadiene
Concen: 42.992 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Tgt Ion:	225	Resp:	267601
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.1	76.7
227	62.9	49.9	74.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

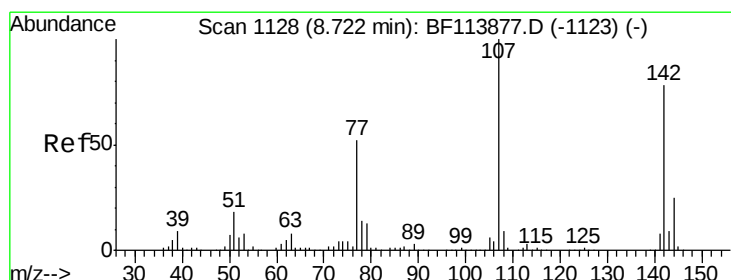
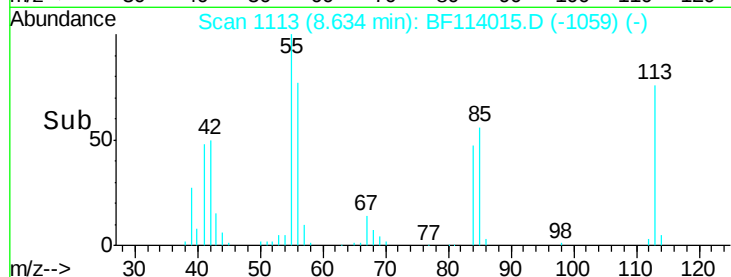
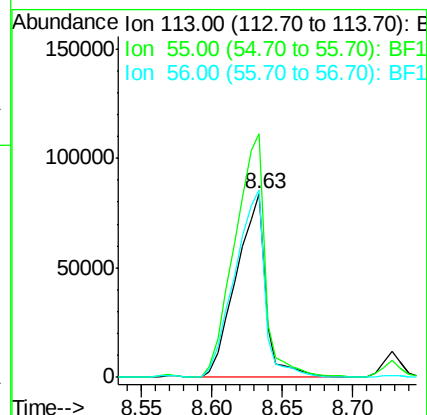
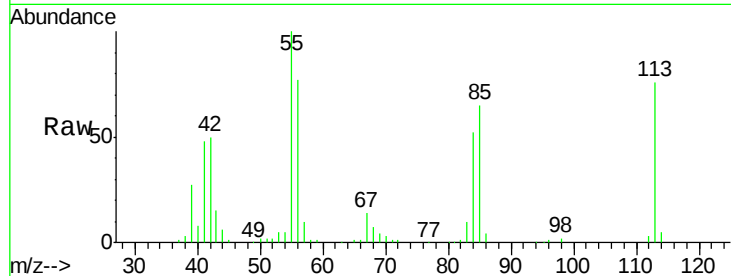




#35
 Caprolactam
 Concen: 42.774 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

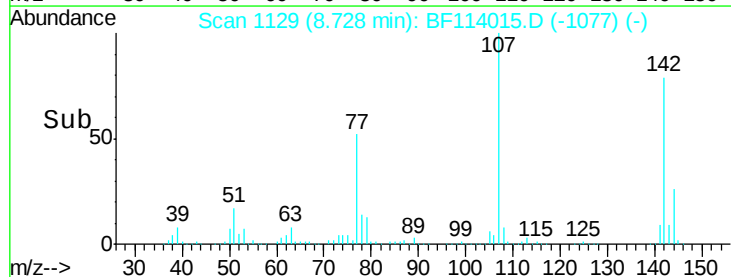
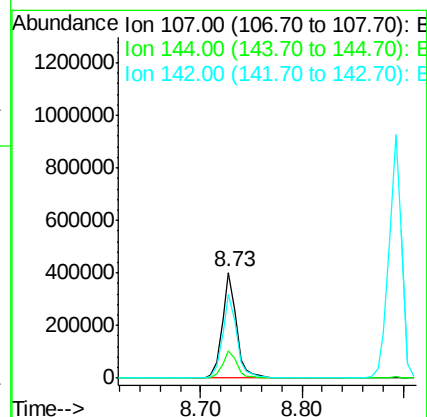
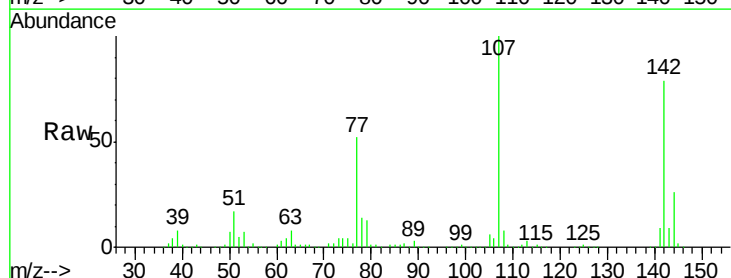
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

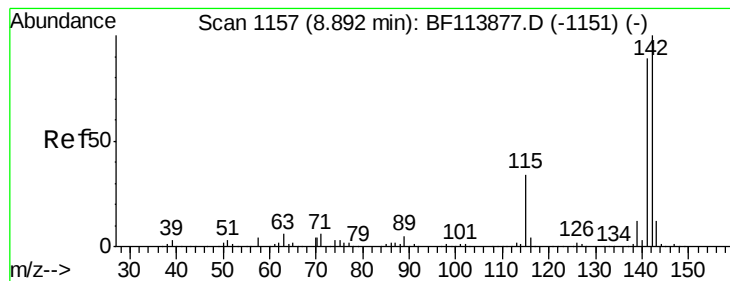
Tgt Ion:113 Resp: 121849
 Ion Ratio Lower Upper
 113 100
 55 132.4 128.6 168.6
 56 102.2 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.634 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Tgt Ion:107 Resp: 387113
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 79.5 64.2 96.4





#37

2-Methylnaphthalene

Concen: 43.072 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

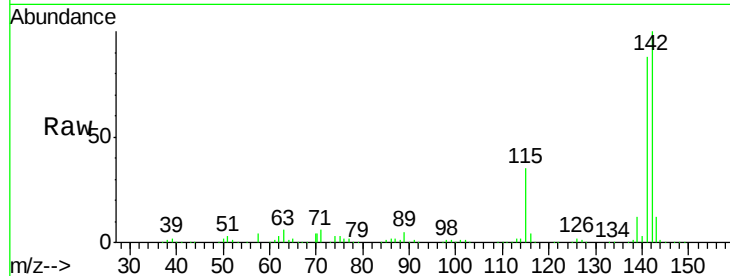
Tgt Ion:142 Resp: 812324

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

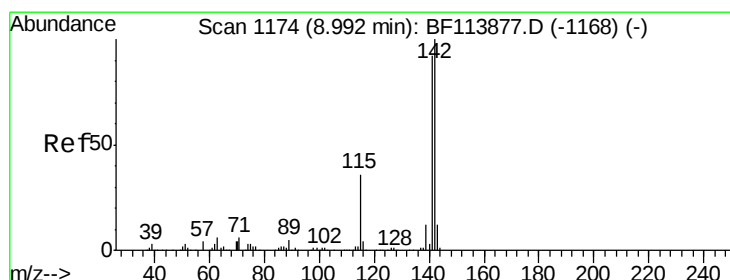
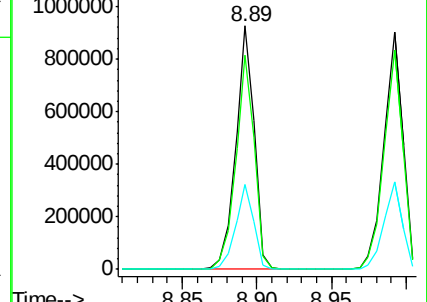
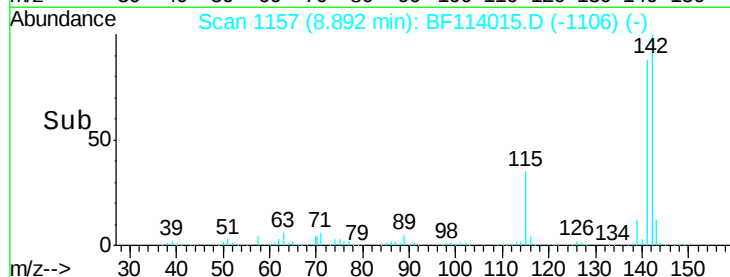
115 34.9 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.944 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

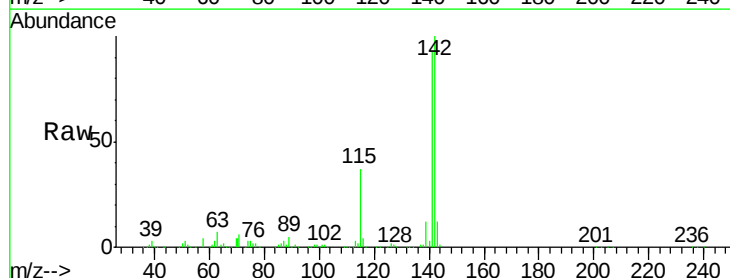
Tgt Ion:142 Resp: 781691

Ion Ratio Lower Upper

142 100

141 92.5 72.3 108.5

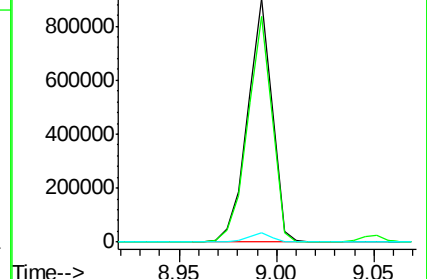
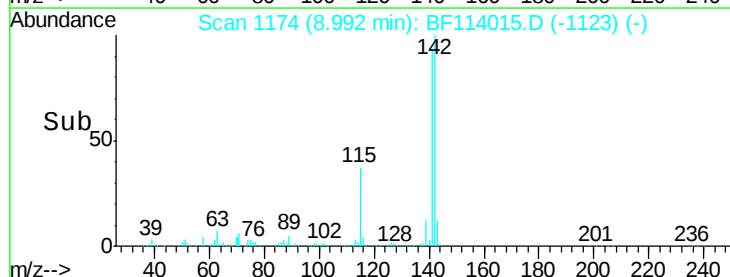
116 3.9 3.0 4.4

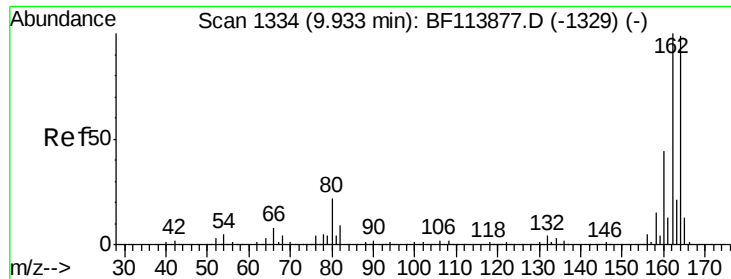


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

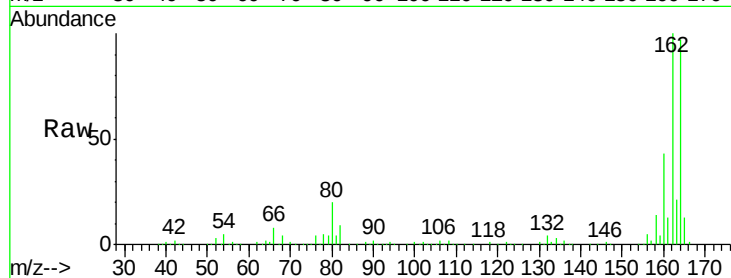
Tgt Ion:164 Resp: 316117

Ion Ratio Lower Upper

164 100

162 102.6 81.1 121.7

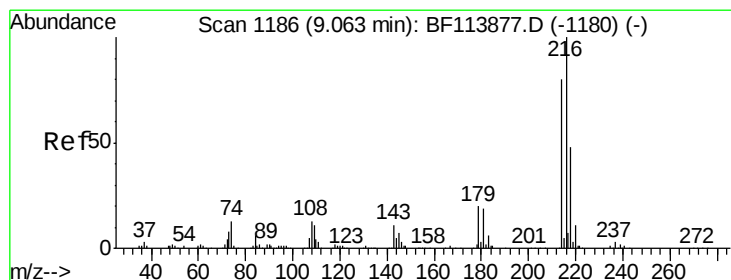
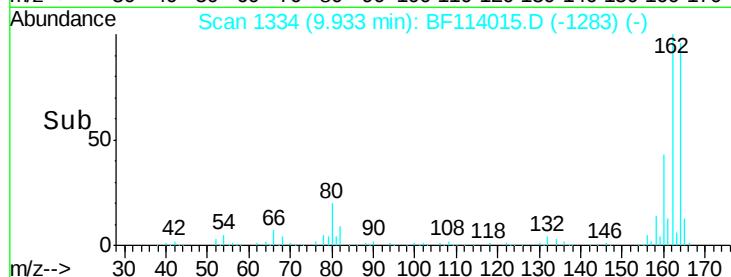
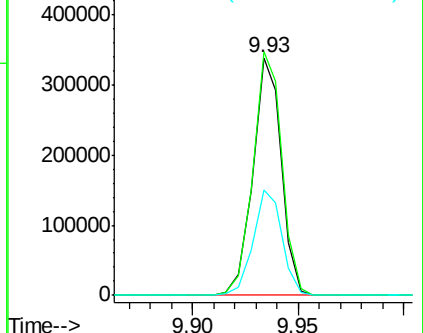
160 44.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.334 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Tgt Ion:216 Resp: 434706

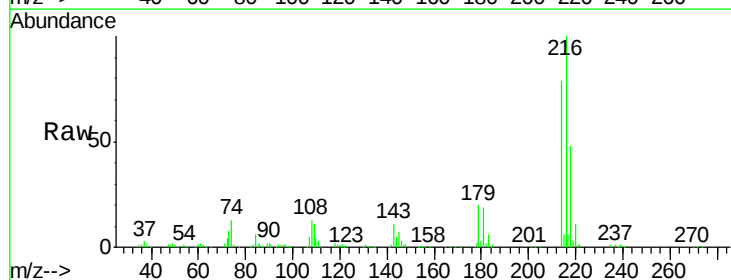
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 20.8 16.1 24.1

108 16.0 13.4 20.0

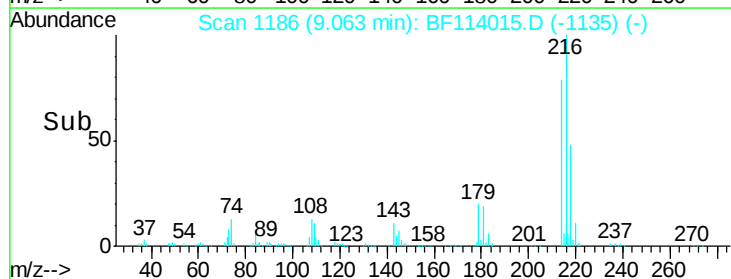
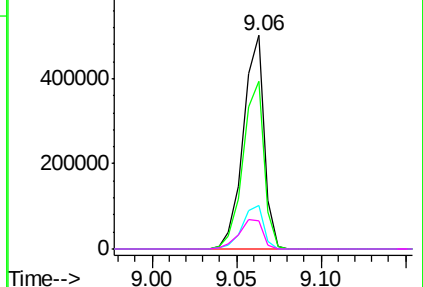


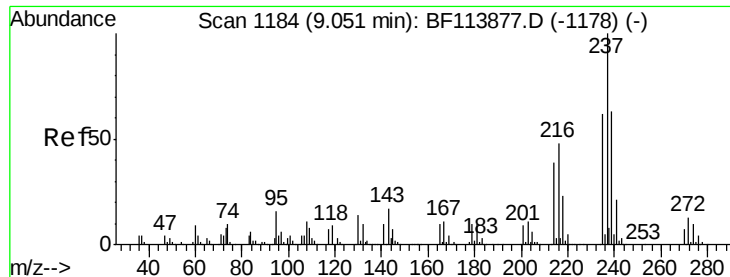
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

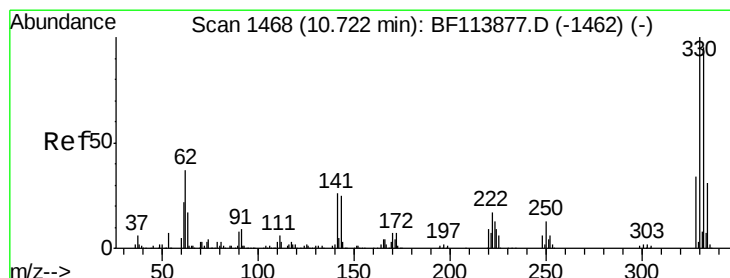
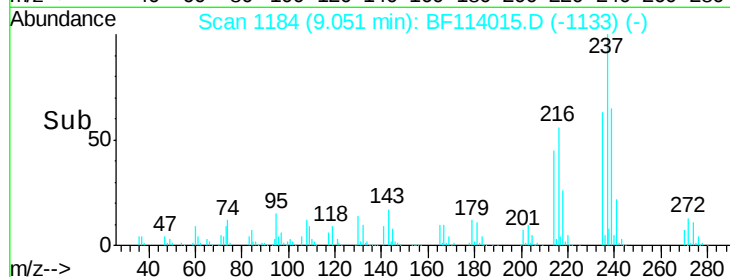
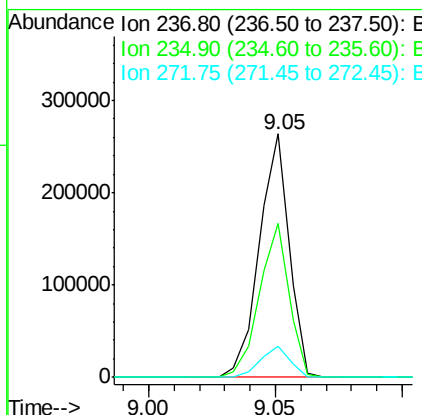
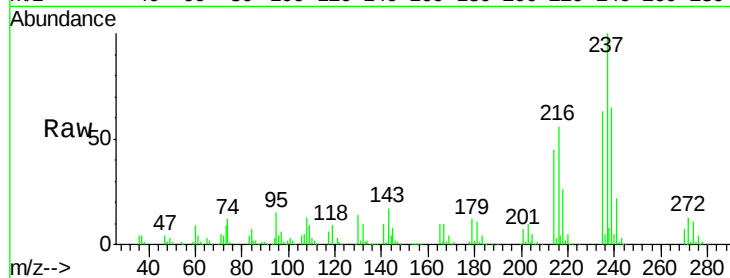




#41
Hexachlorocyclopentadiene
Concen: 38.021 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

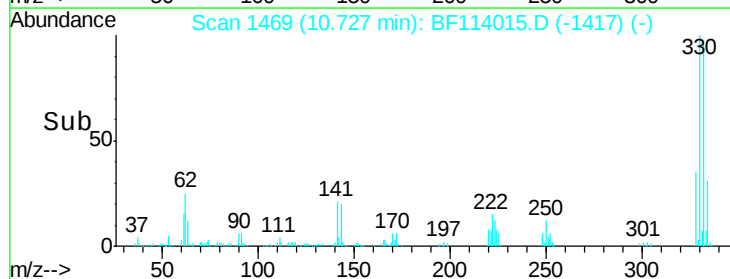
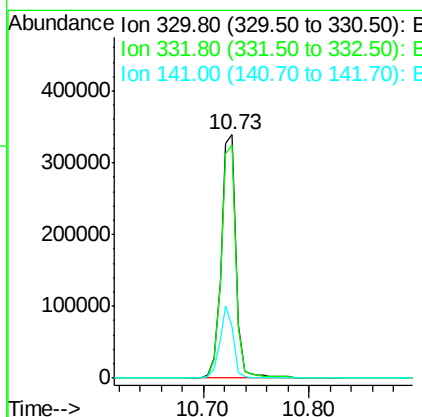
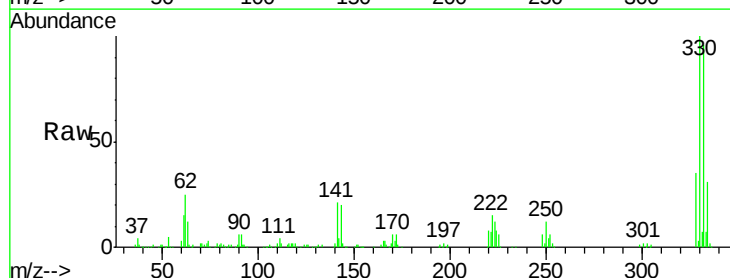
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

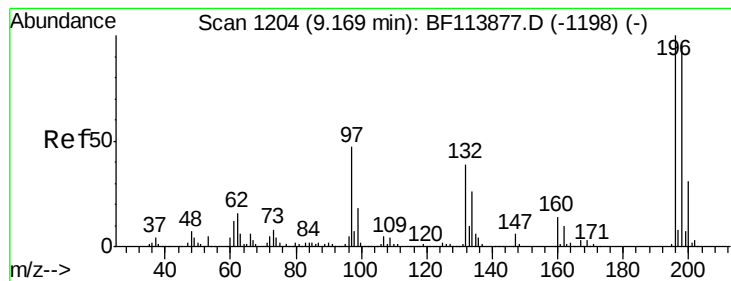
Tgt Ion: 237 Resp: 217713
Ion Ratio Lower Upper
237 100
235 63.4 42.6 82.6
272 13.0 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 86.610 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Tgt Ion: 330 Resp: 333530
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 27.5 22.2 33.2





#43

2,4,6-Trichlorophenol

Concen: 42.906 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

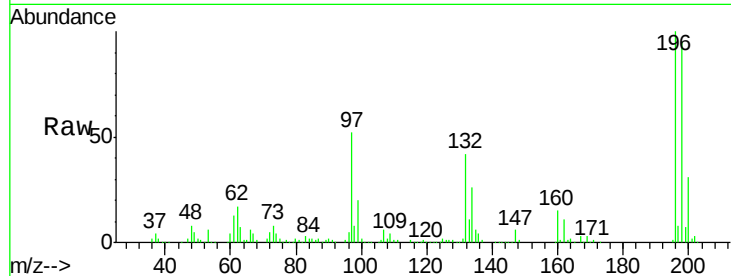
Tgt Ion:196 Resp: 279769

Ion Ratio Lower Upper

196 100

198 95.3 75.6 113.4

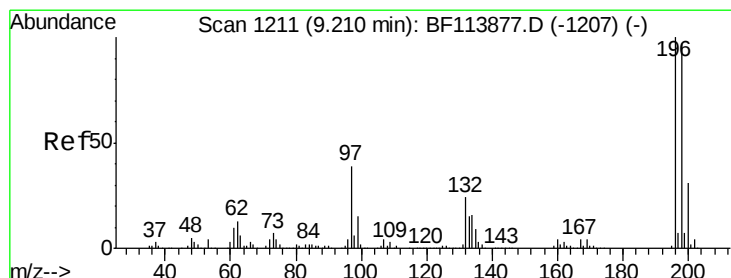
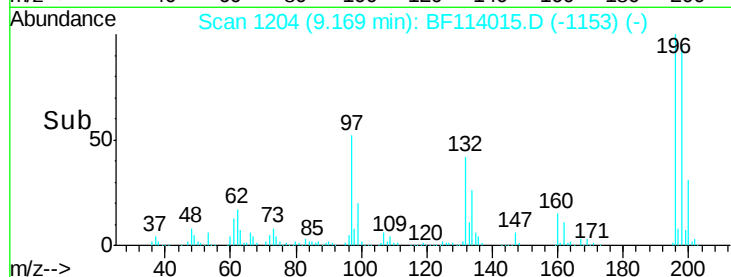
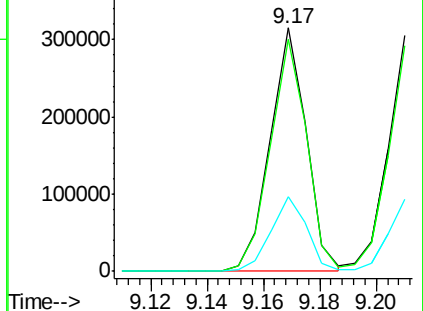
200 30.9 24.7 37.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 42.727 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Tgt Ion:196 Resp: 312491

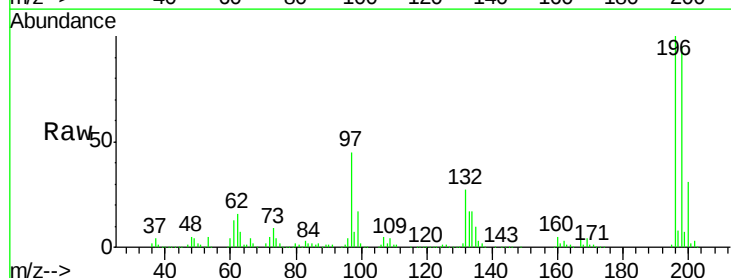
Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.4

97 45.4 35.8 53.8

132 26.5 20.9 31.3

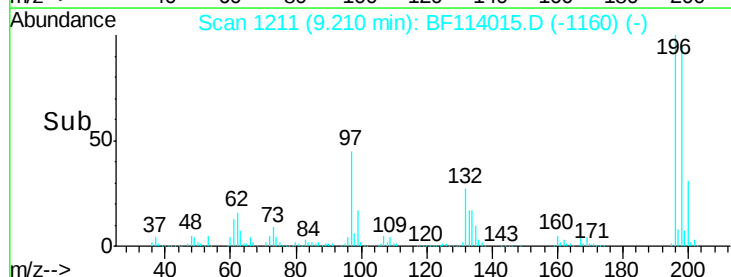
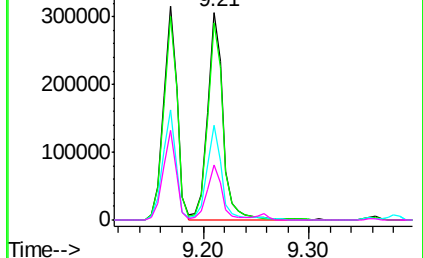


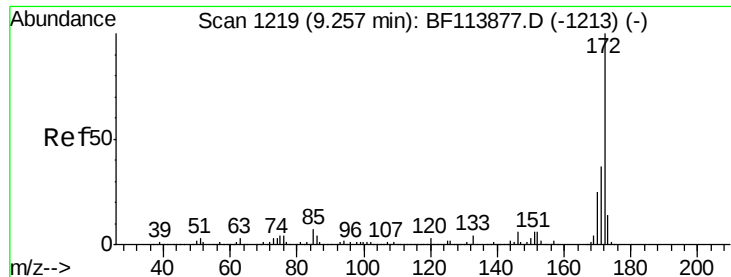
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

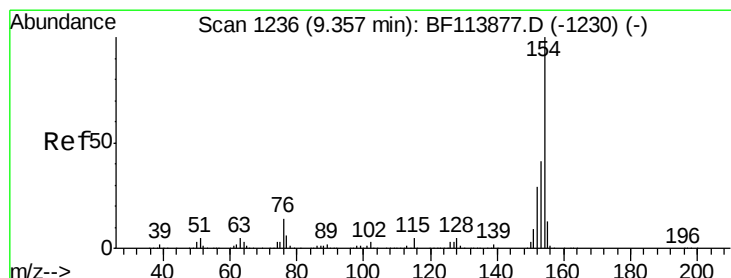
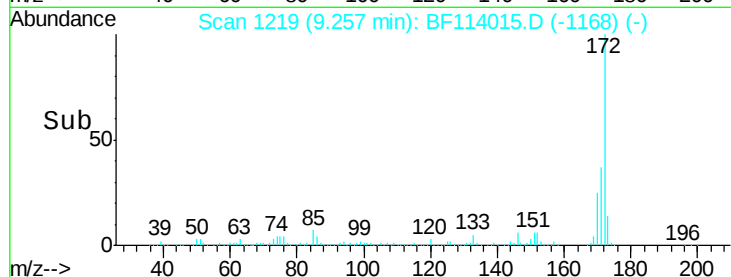
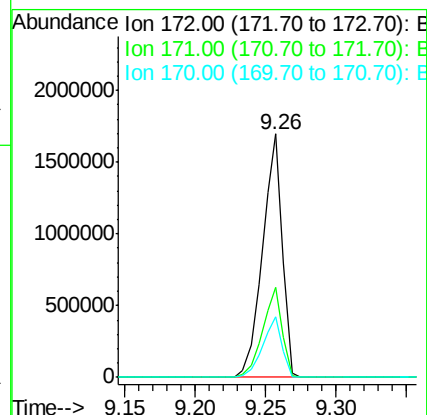
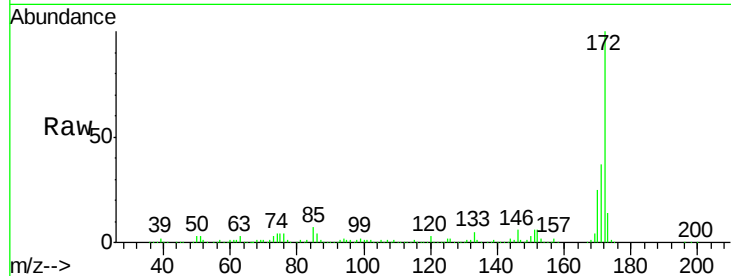




#45
2-Fluorobiphenyl
Concen: 83.089 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

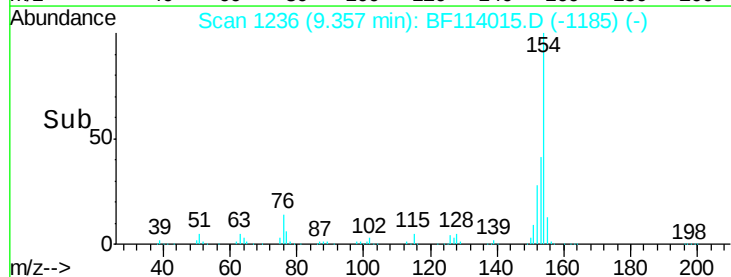
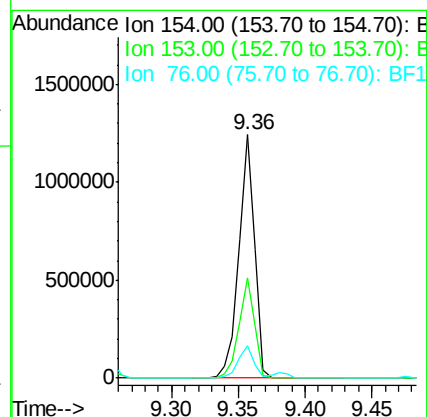
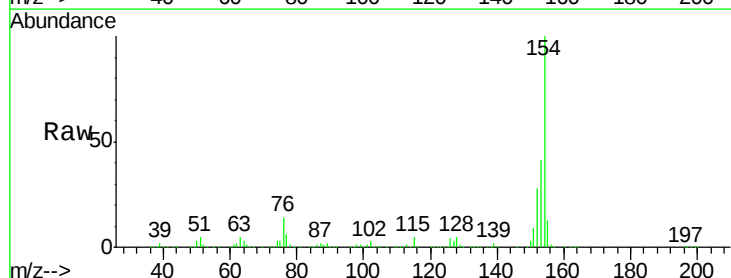
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

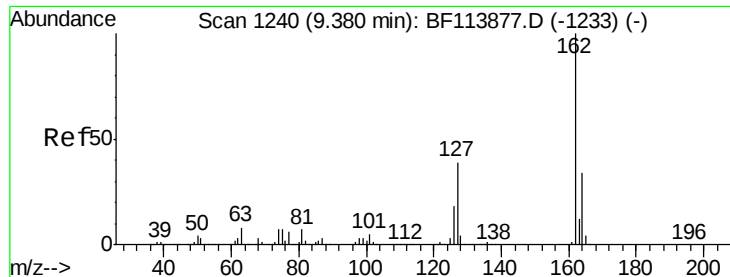
Tgt Ion:172 Resp: 1679371
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.0
170 24.8 19.9 29.9



#46
1,1'-Biphenyl
Concen: 42.837 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Tgt Ion:154 Resp: 1034482
Ion Ratio Lower Upper
154 100
153 41.0 20.8 60.8
76 13.6 0.0 35.2

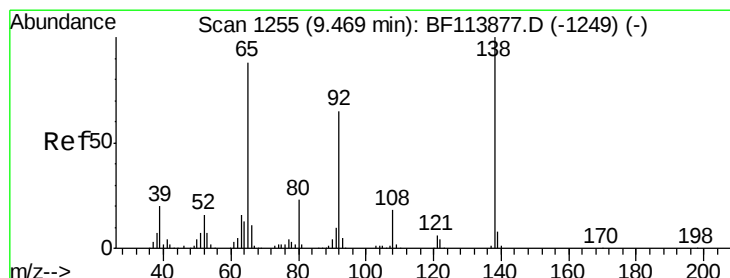
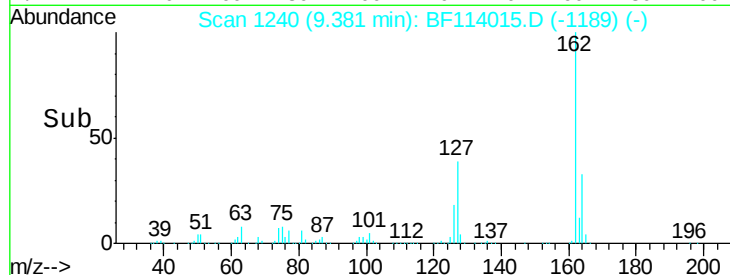
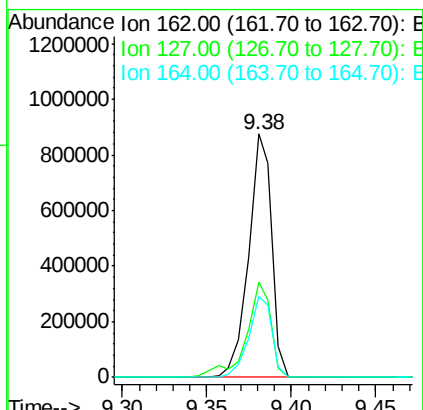
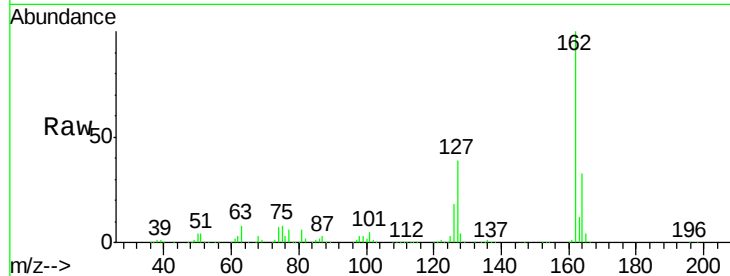




#47
 2-Chloronaphthalene
 Concen: 42.574 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

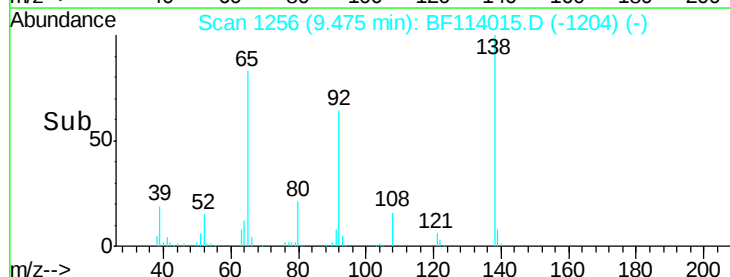
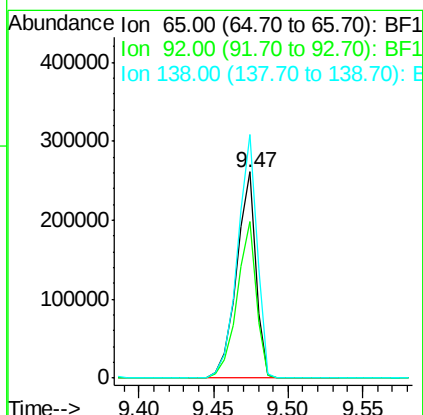
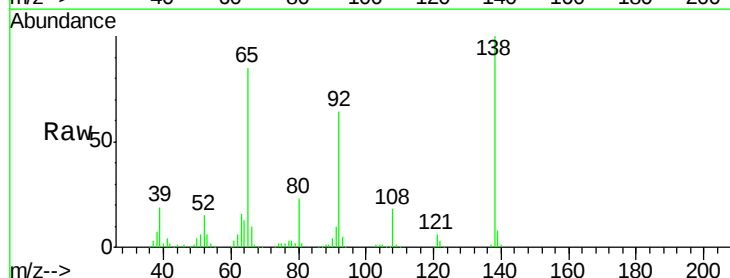
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

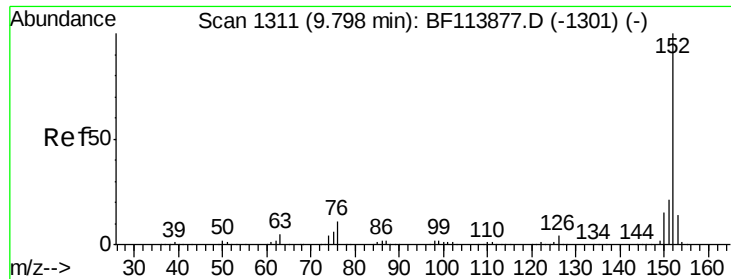
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	29.3	43.9
164	33.3	27.1	40.7



#48
 2-Nitroaniline
 Concen: 46.281 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.1	57.4	86.0
138	118.2	85.4	128.0





#49

Acenaphthylene

Concen: 42.866 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

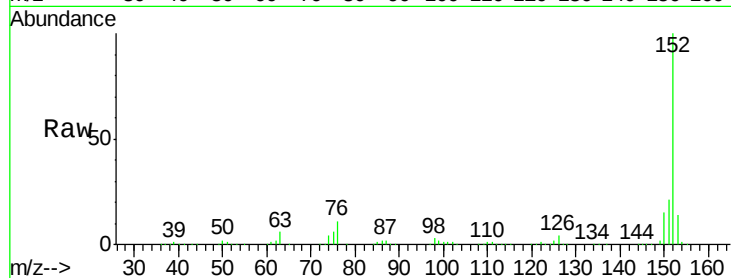
Tgt Ion:152 Resp: 1317885

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

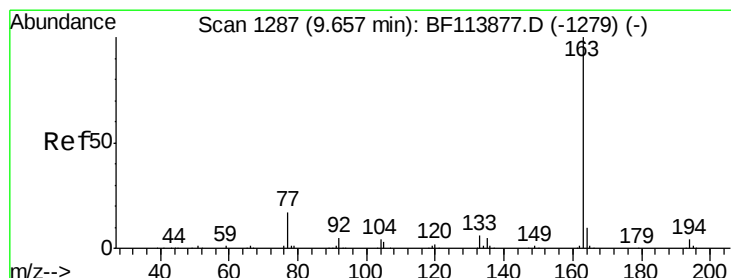
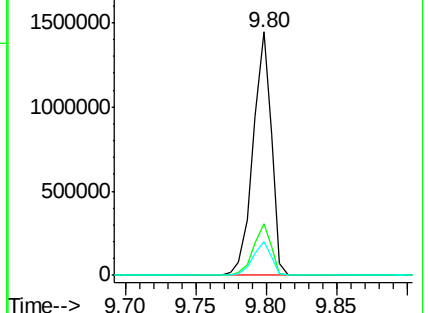
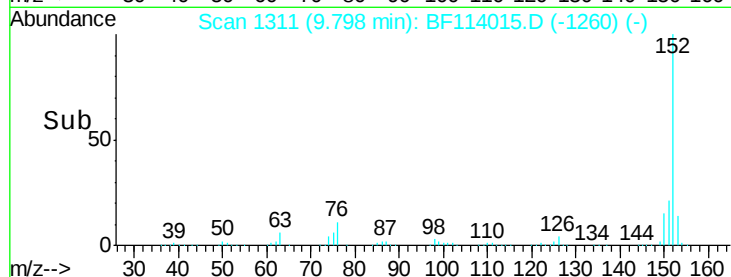
153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.160 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

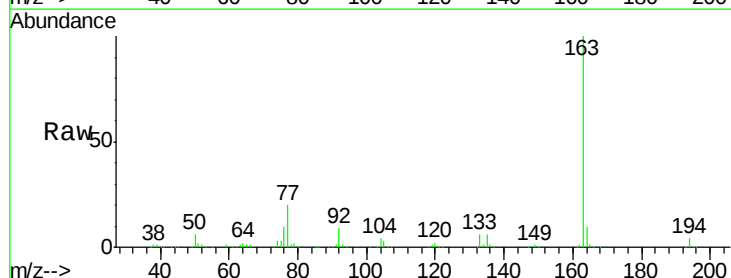
Tgt Ion:163 Resp: 1009598

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

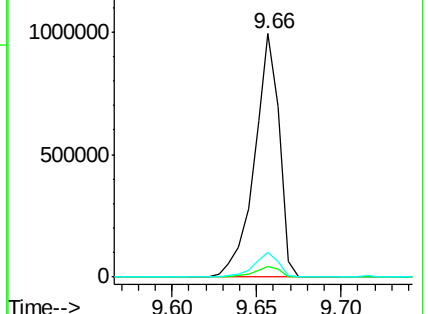
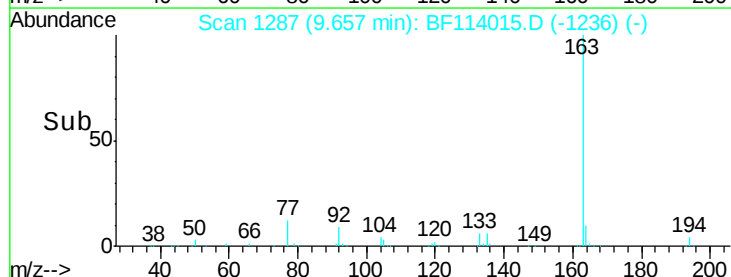
164 10.3 8.5 12.7

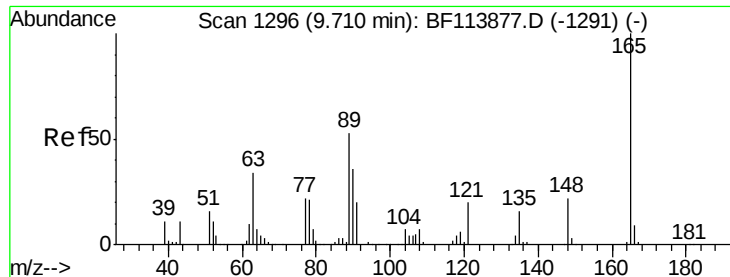


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

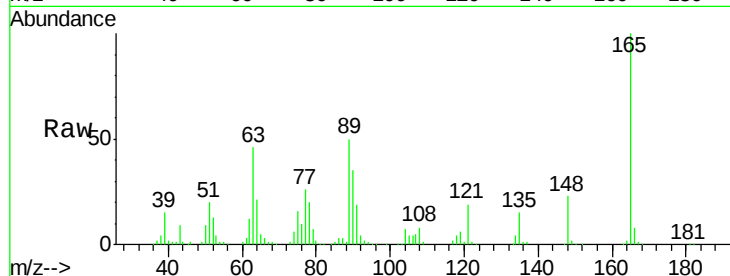




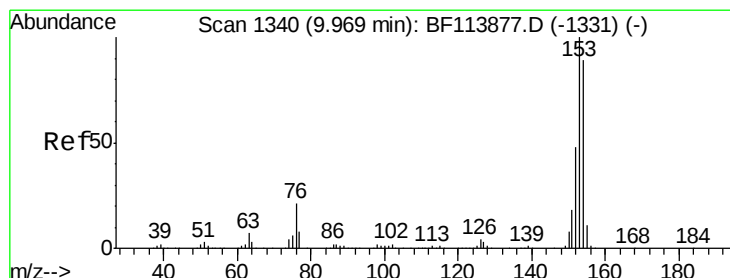
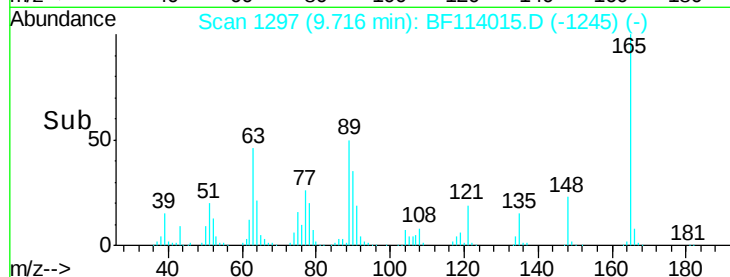
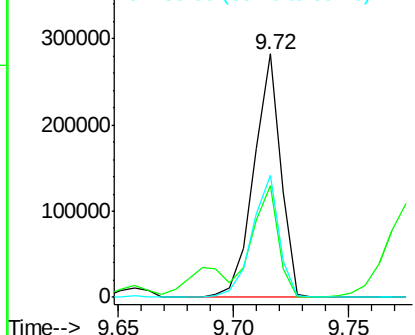
#51
 2,6-Dinitrotoluene
 Concen: 47.081 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:165 Resp: 230922
 Ion Ratio Lower Upper
 165 100
 63 45.9 33.8 50.8
 89 50.0 38.2 57.2

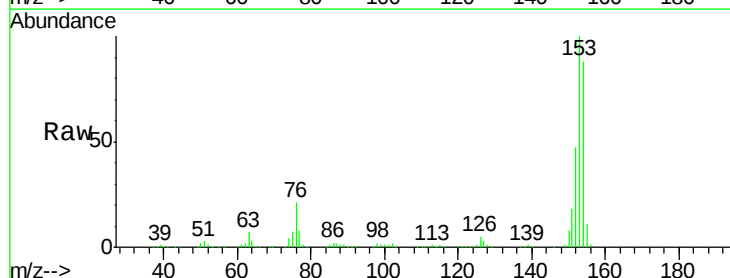


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

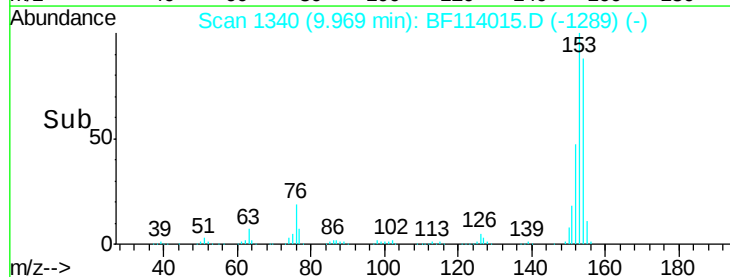
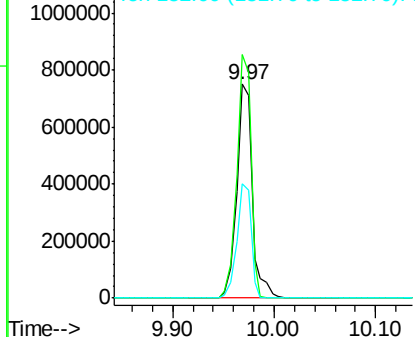


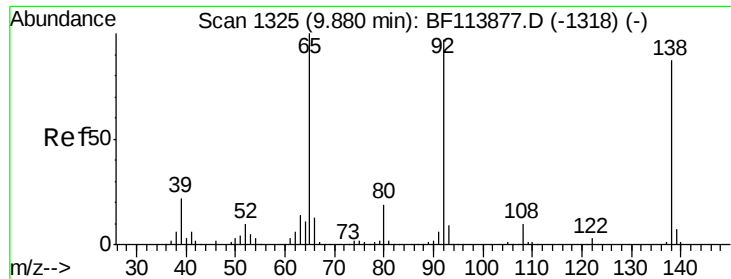
#52
 Acenaphthene
 Concen: 43.946 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Tgt Ion:154 Resp: 798464
 Ion Ratio Lower Upper
 154 100
 153 113.7 87.2 130.8
 152 53.4 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

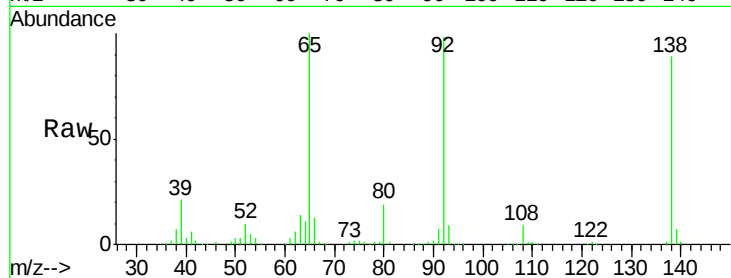




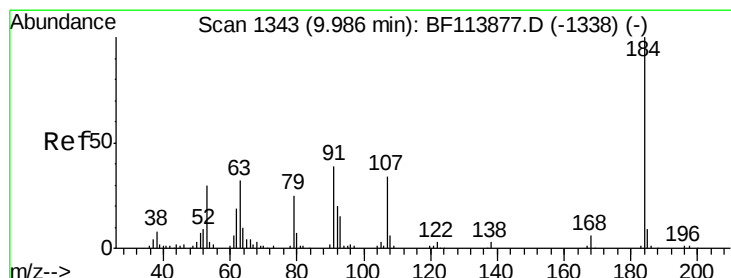
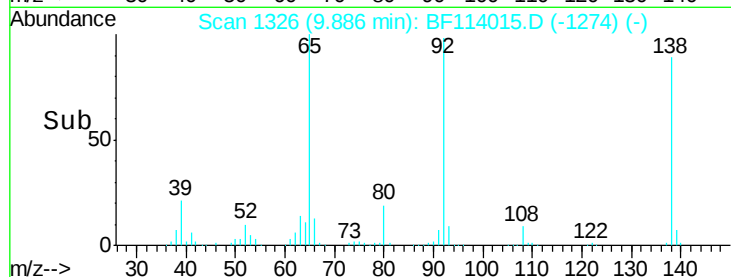
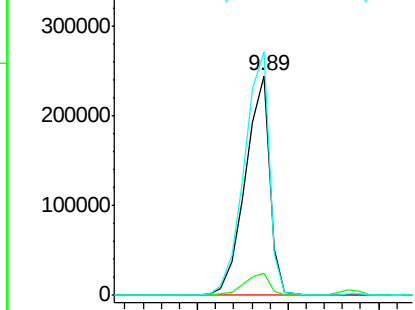
#53
 3-Nitroaniline
 Concen: 44.328 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:138 Resp: 228468
 Ion Ratio Lower Upper
 138 100
 108 10.1 9.4 14.2
 92 110.8 94.1 141.1

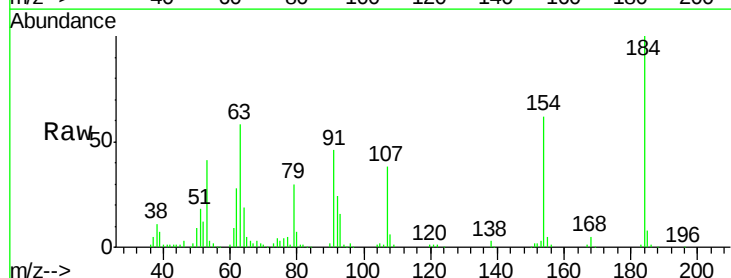


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

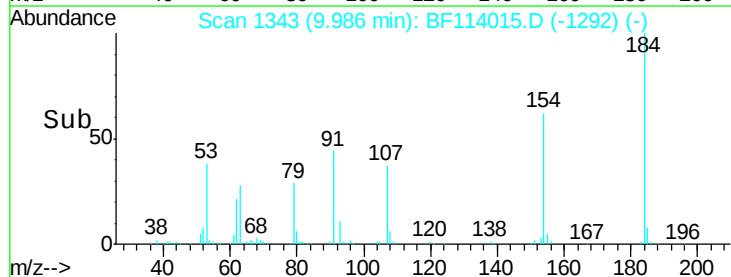
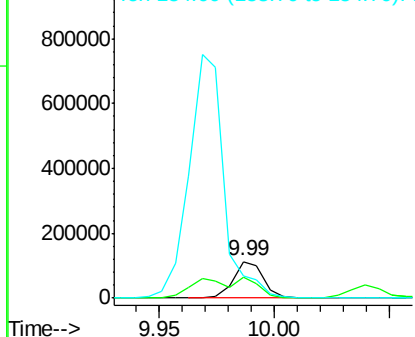


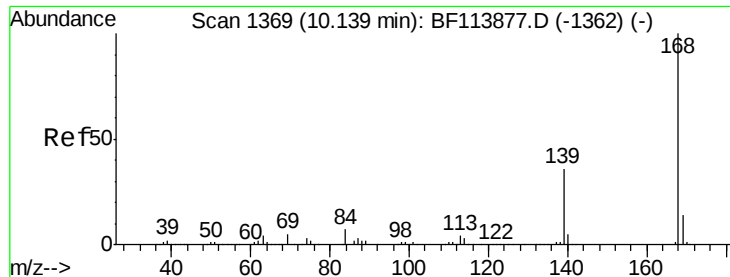
#54
 2,4-Dinitrophenol
 Concen: 52.200 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Tgt Ion:184 Resp: 103926
 Ion Ratio Lower Upper
 184 100
 63 57.9 54.6 81.8
 154 61.6 218.6 328.0#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

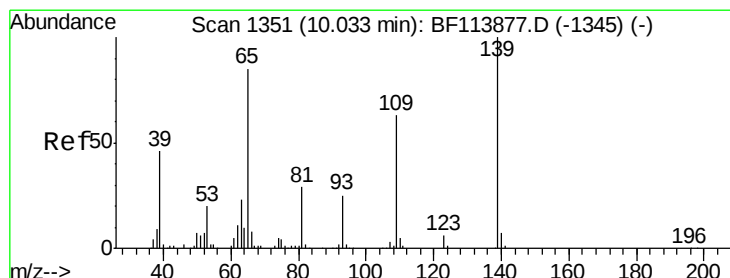
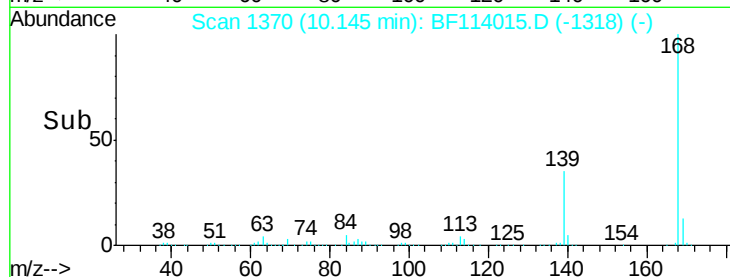
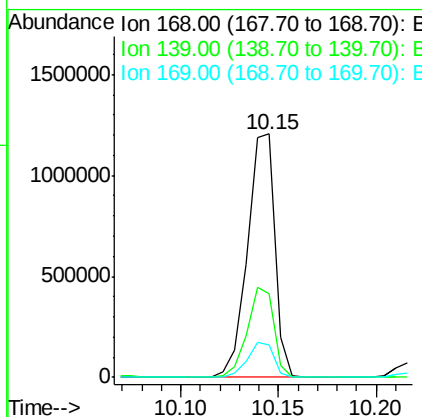
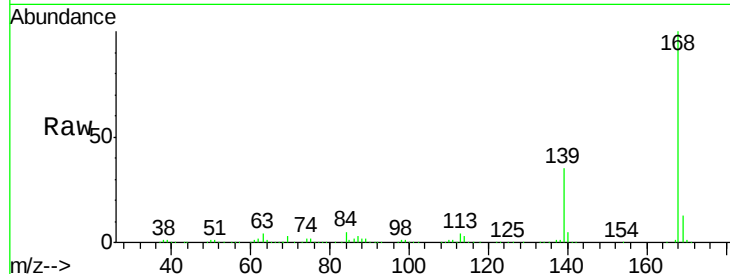




#55
Dibenzenofuran
Concen: 43.105 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

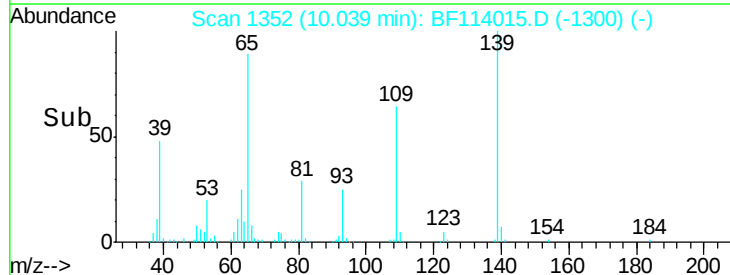
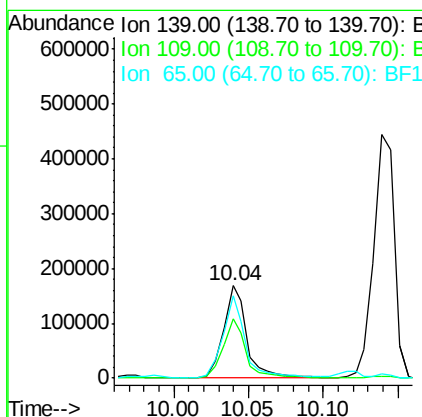
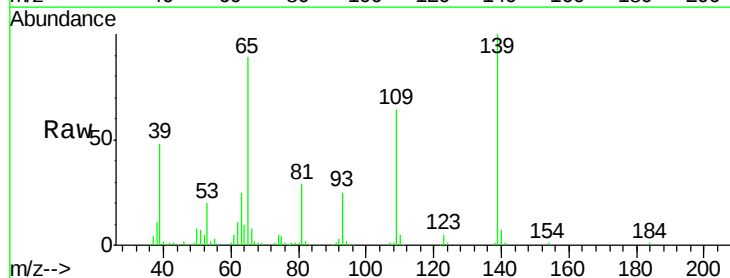
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

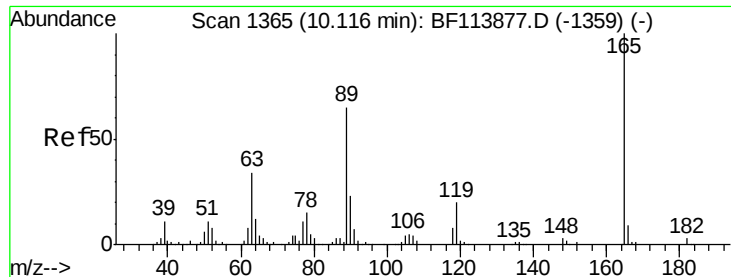
Tgt Ion:168 Resp: 1173154
Ion Ratio Lower Upper
168 100
139 34.6 27.8 41.6
169 13.2 11.0 16.6



#56
4-Nitrophenol
Concen: 46.069 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Tgt Ion:139 Resp: 188000
Ion Ratio Lower Upper
139 100
109 64.4 42.9 82.9
65 89.1 64.4 104.4

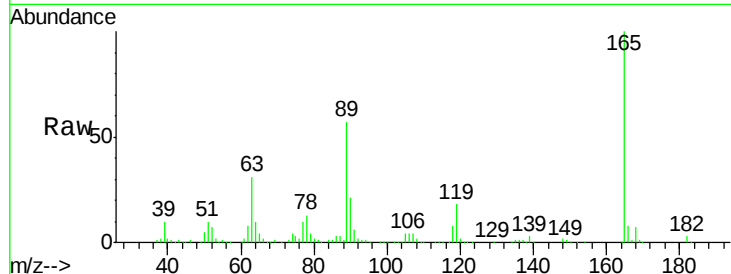




#57
2,4-Dinitrotoluene
Concen: 50.553 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.7	27.4	41.0
89	56.5	51.8	77.6
182	2.9	2.2	3.2



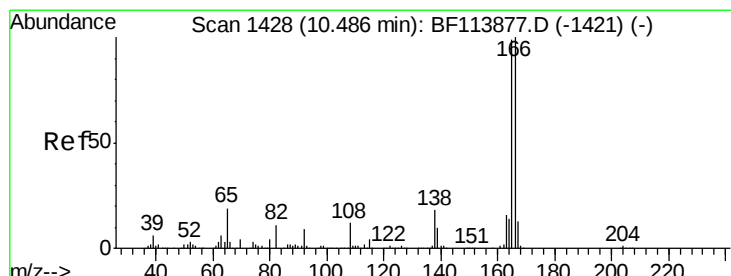
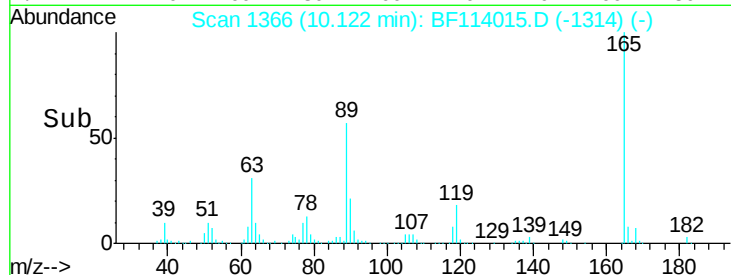
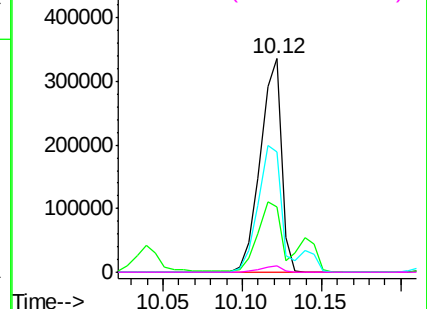
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

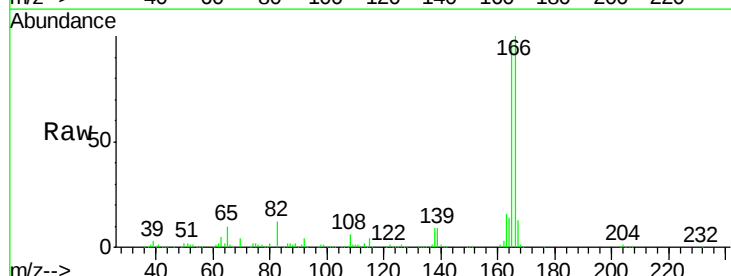
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.211 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.4	117.6
167	13.3	10.9	16.3

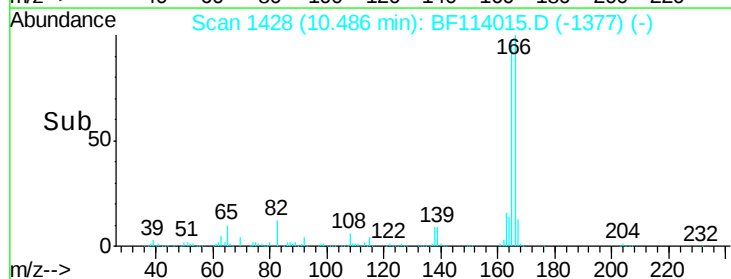
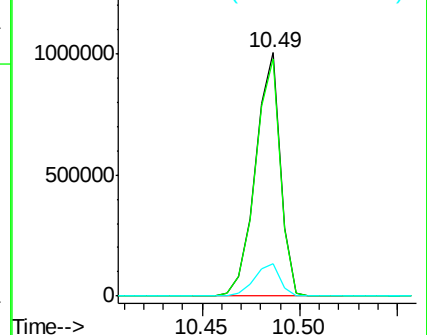


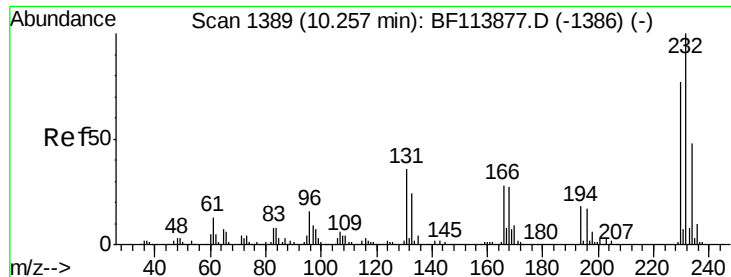
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

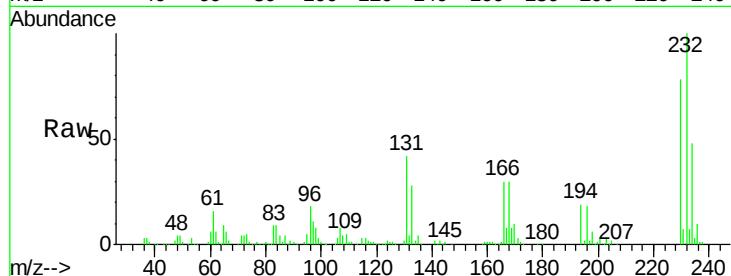




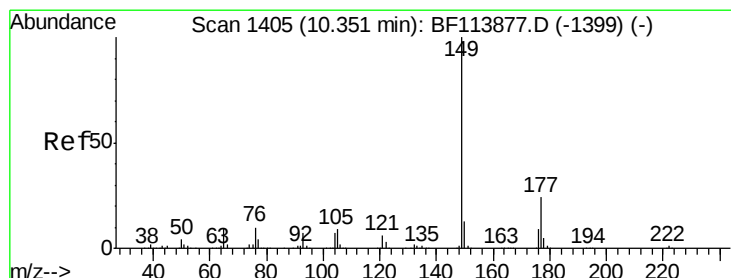
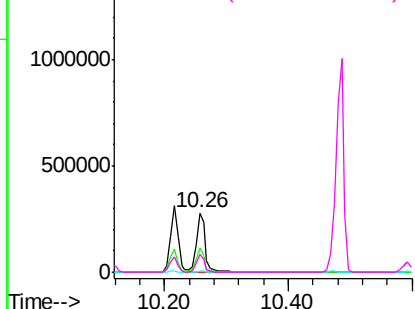
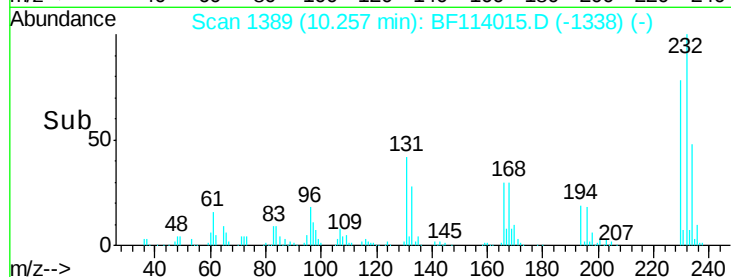
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.589 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	232	Resp:	280152
Ion	Ratio	Lower	Upper
232	100		
131	37.4	30.2	45.2
130	1.8	1.5	2.3
166	27.0	22.2	33.4

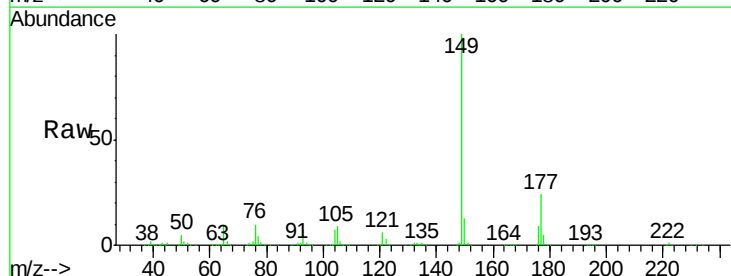


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

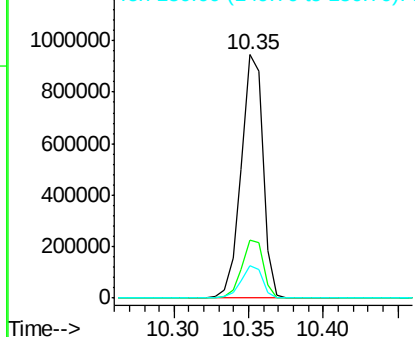
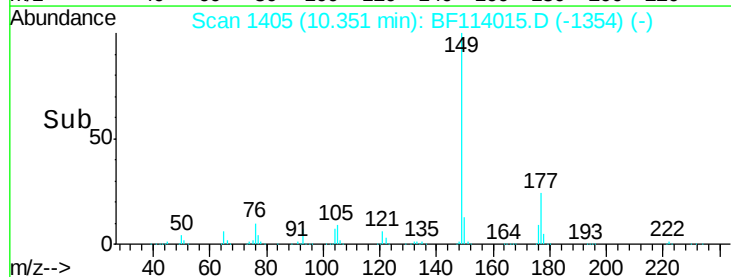


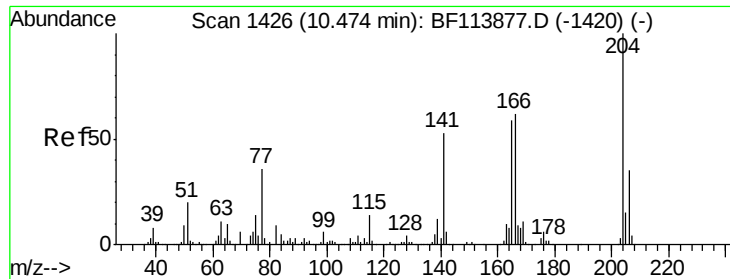
#60
 Diethylphthalate
 Concen: 44.261 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Tgt Ion:	149	Resp:	960932
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.2	28.8
150	13.3	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

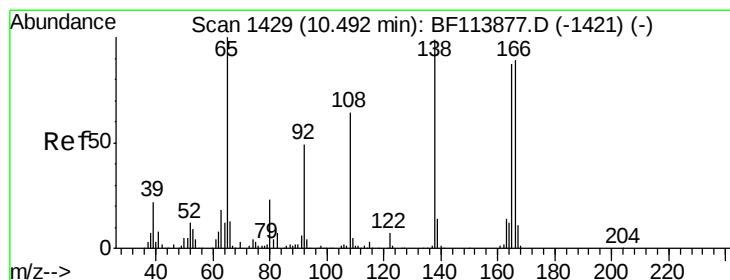
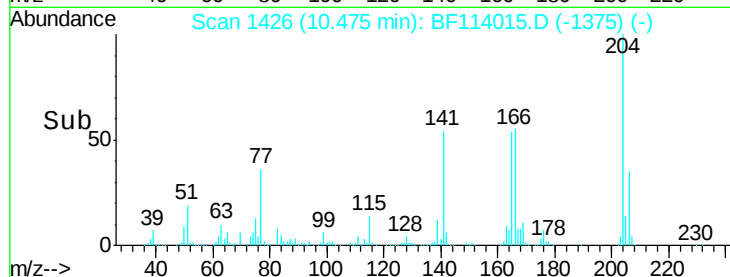
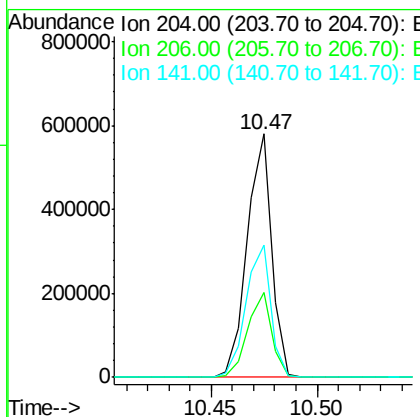
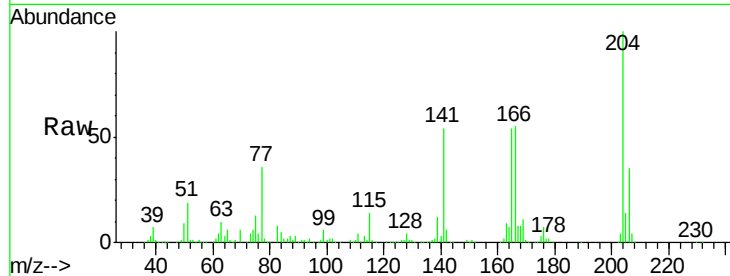




#61
4-Chlorophenyl-phenylether
Concen: 43.197 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

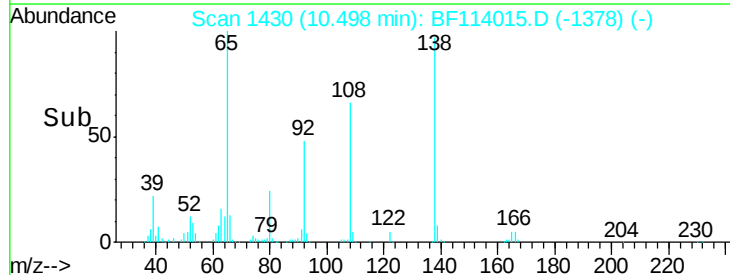
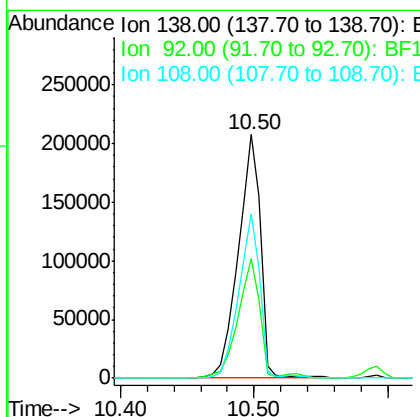
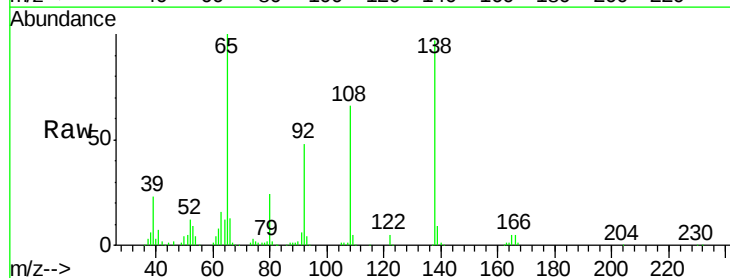
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

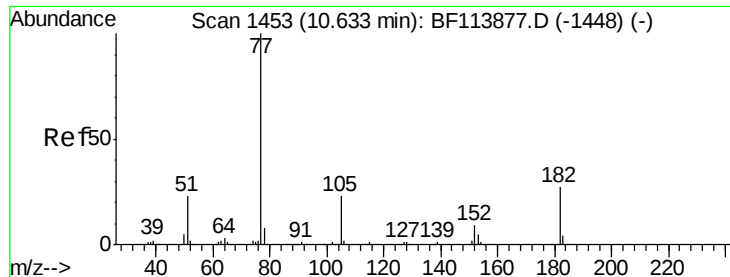
Tgt Ion: 204 Resp: 468764
Ion Ratio Lower Upper
204 100
206 34.6 27.4 41.2
141 54.3 42.6 63.8



#62
4-Nitroaniline
Concen: 47.666 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Tgt Ion: 138 Resp: 239744
Ion Ratio Lower Upper
138 100
92 49.2 31.3 71.3
108 67.7 48.9 88.9





#63

Azobenzene

Concen: 42.764 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 899822

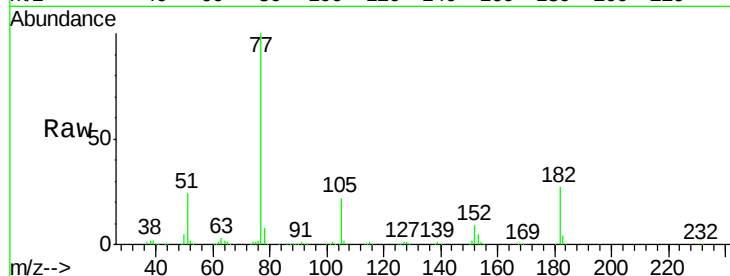
Ion Ratio Lower Upper

77 100

182 27.4 4.4 44.4

105 22.2 2.2 42.2

51 23.8 3.9 43.9

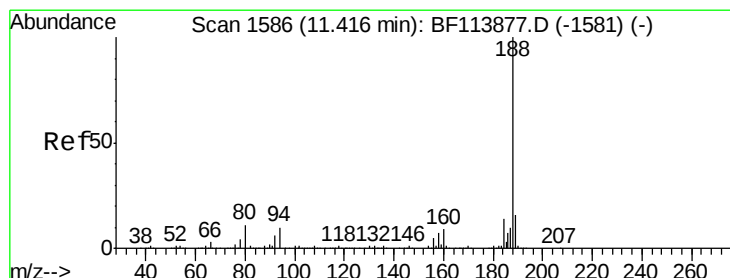
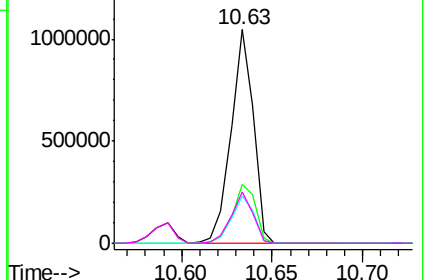
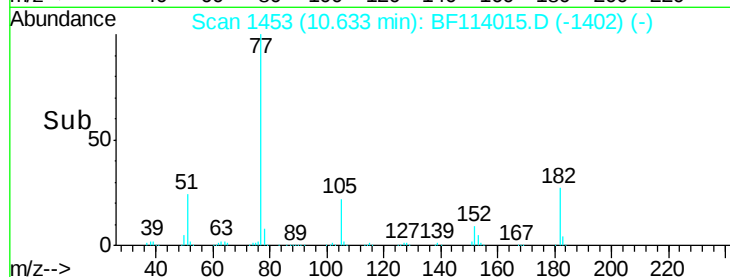


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

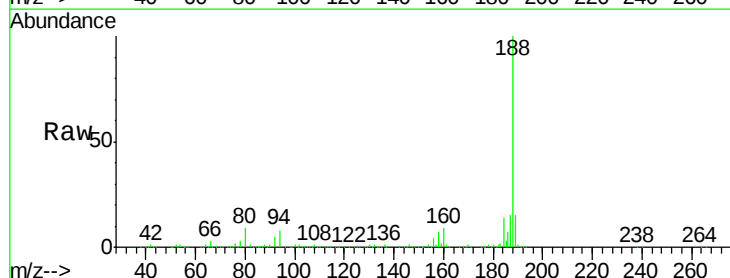
Tgt Ion: 188 Resp: 641579

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.4

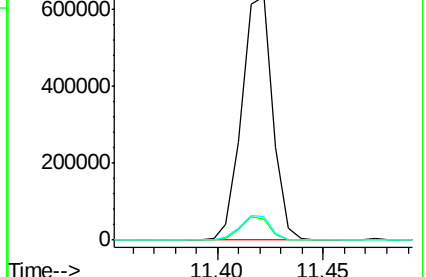
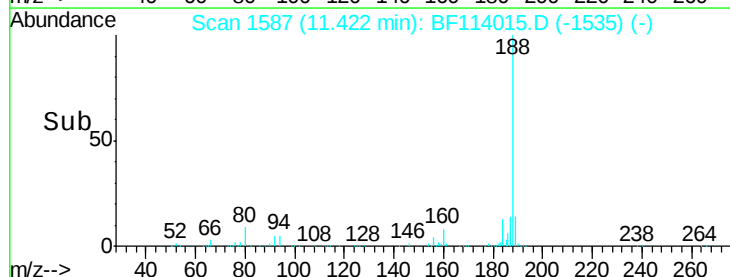
80 9.4 9.0 13.6

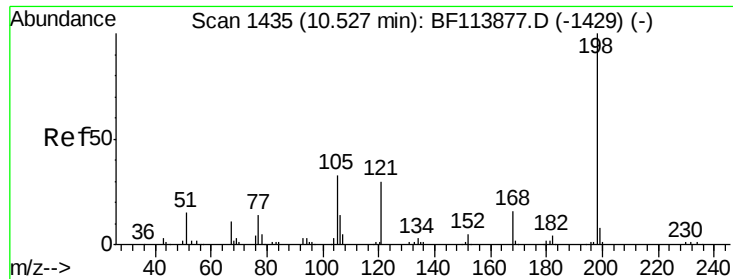


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

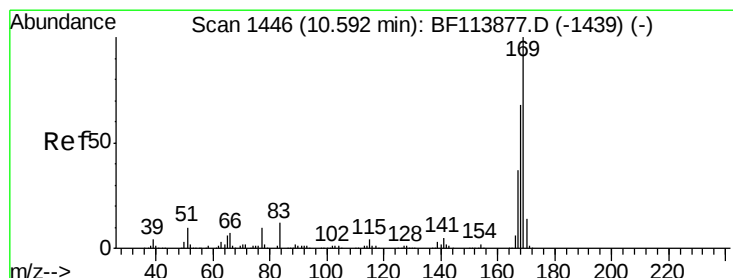
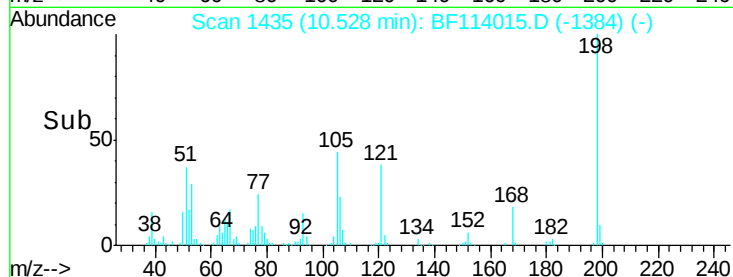
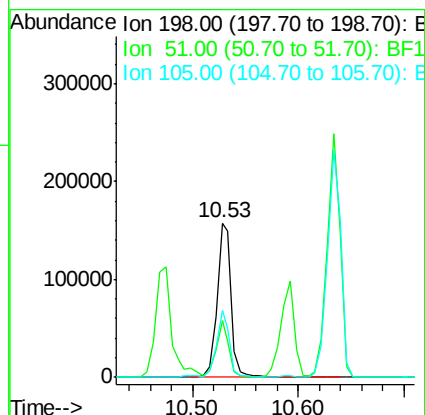
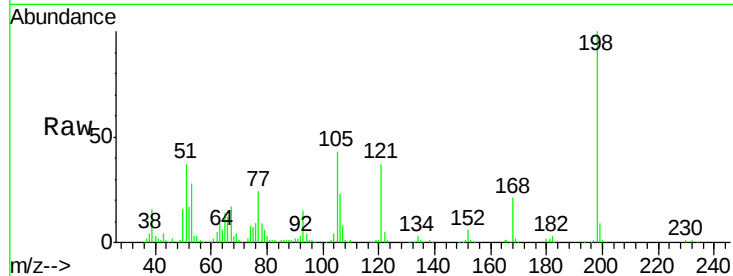




#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.749 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

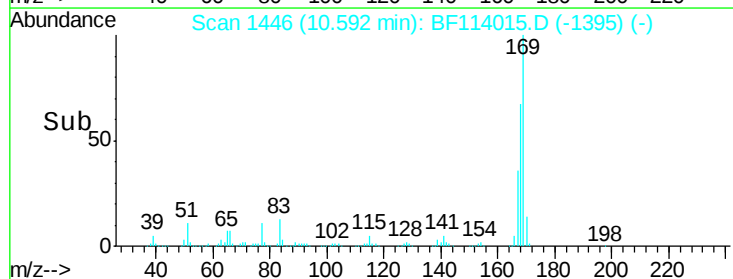
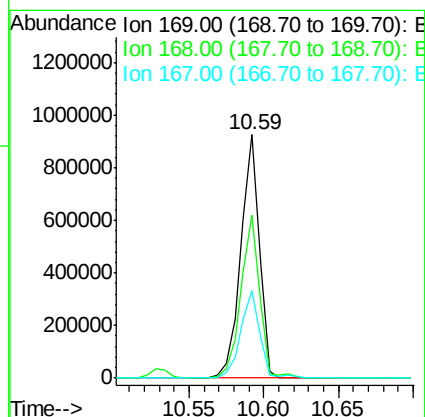
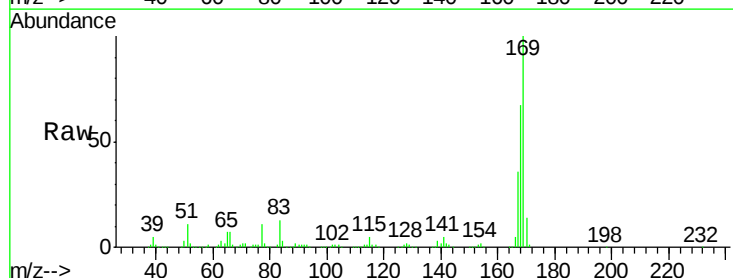
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

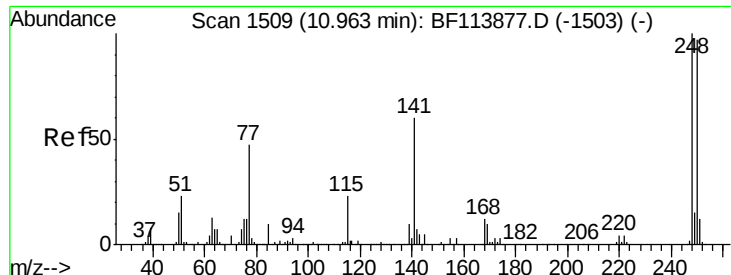
Tgt Ion:198 Resp: 150689
 Ion Ratio Lower Upper
 198 100
 51 36.9 11.1 51.1
 105 43.5 20.7 60.7



#66
 n-Nitrosodiphenylamine
 Concen: 41.830 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Tgt Ion:169 Resp: 805268
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.3 81.5
 167 36.0 29.4 44.0

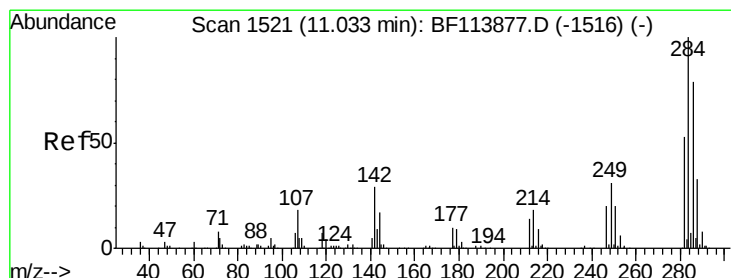
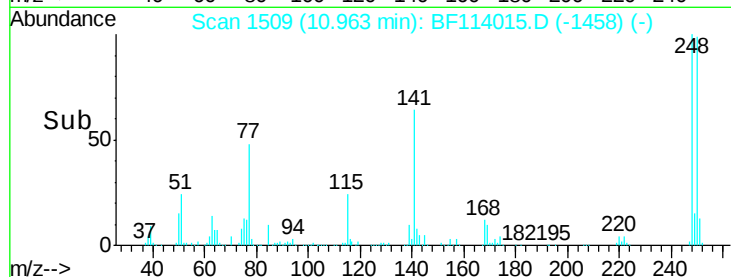
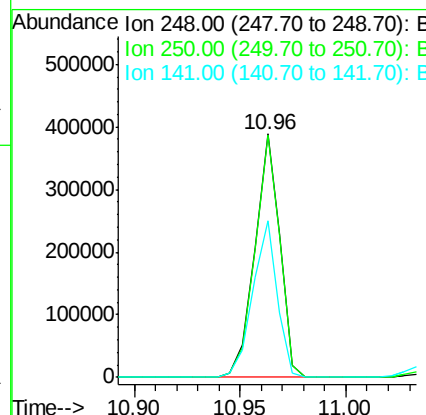
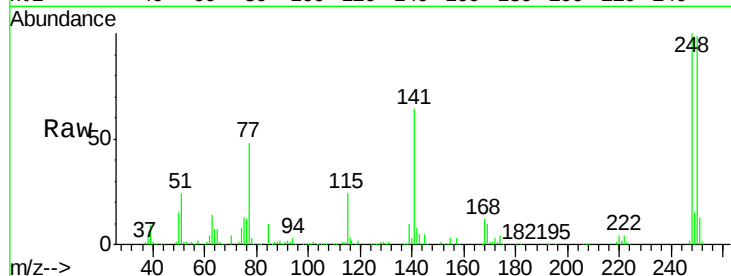




#67
 4-Bromophenyl-phenylether
 Concen: 41.262 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

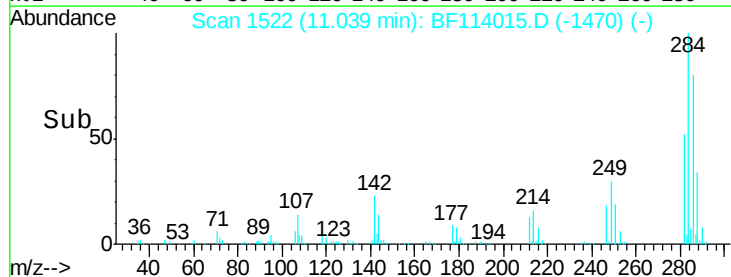
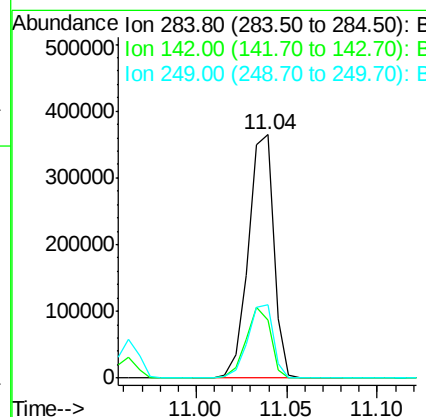
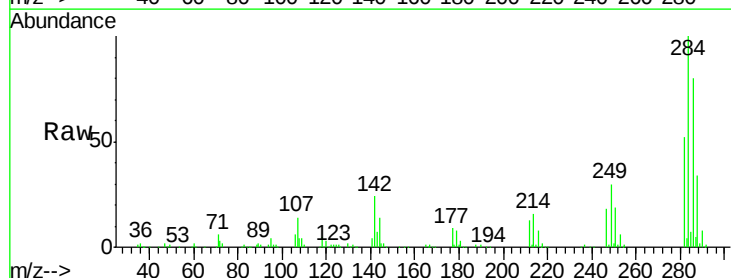
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

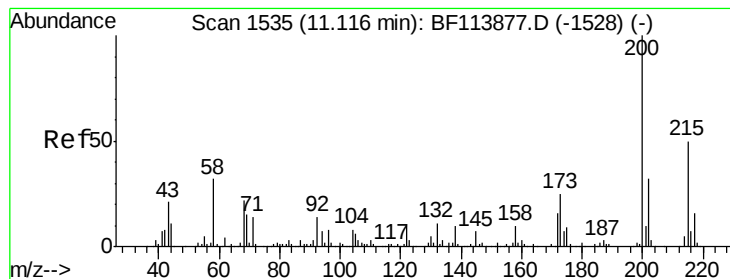
Tgt Ion:248 Resp: 319806
 Ion Ratio Lower Upper
 248 100
 250 99.4 75.8 113.6
 141 64.1 50.2 75.4



#68
 Hexachlorobenzene
 Concen: 41.669 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Tgt Ion:284 Resp: 354900
 Ion Ratio Lower Upper
 284 100
 142 23.9 23.0 34.4
 249 30.4 24.4 36.6





#69

Atrazine

Concen: 40.112 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

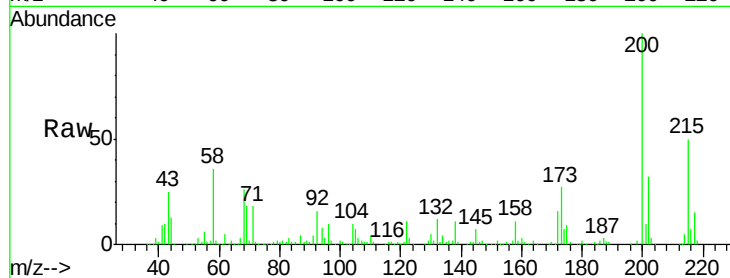
Tgt Ion:200 Resp: 251196

Ion Ratio Lower Upper

200 100

173 27.5 5.9 45.9

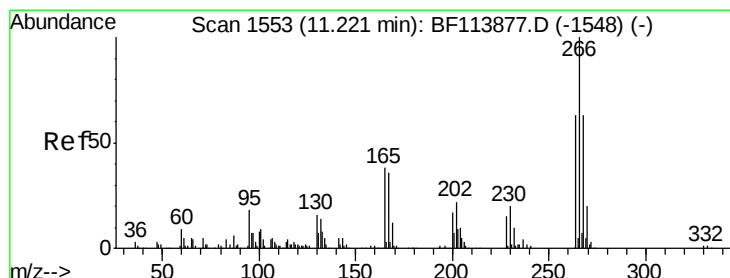
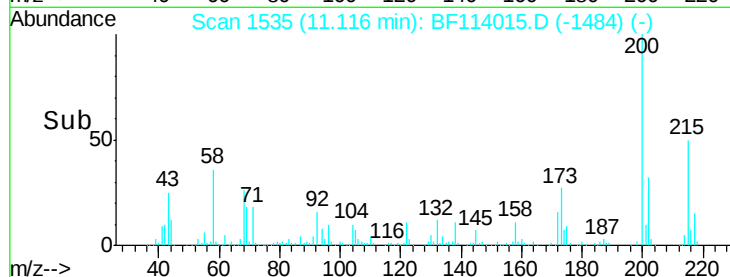
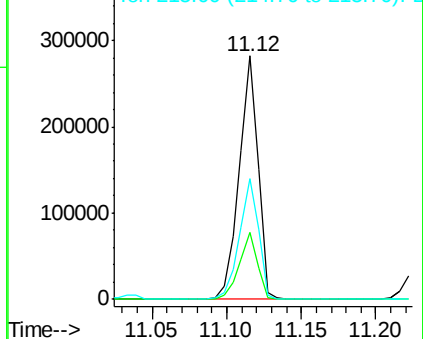
215 49.8 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 43.433 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

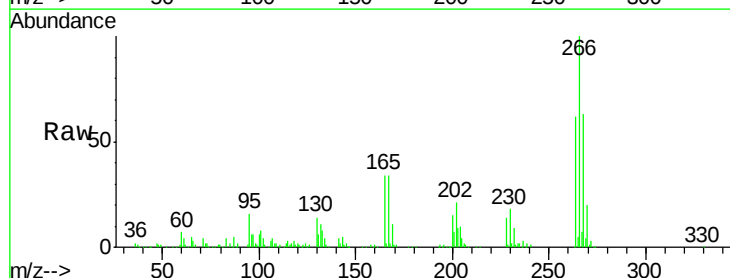
Tgt Ion:266 Resp: 209446

Ion Ratio Lower Upper

266 100

268 63.0 53.5 80.3

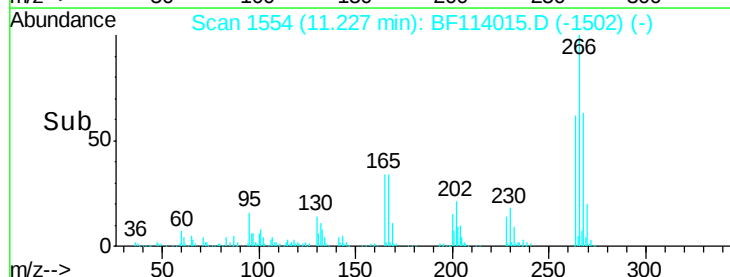
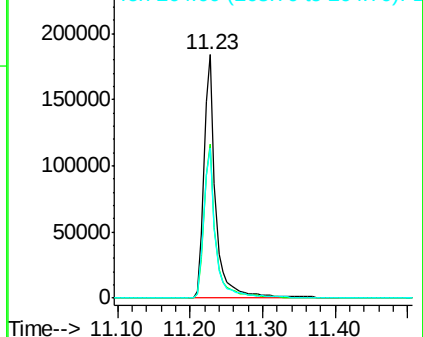
264 61.8 51.0 76.6

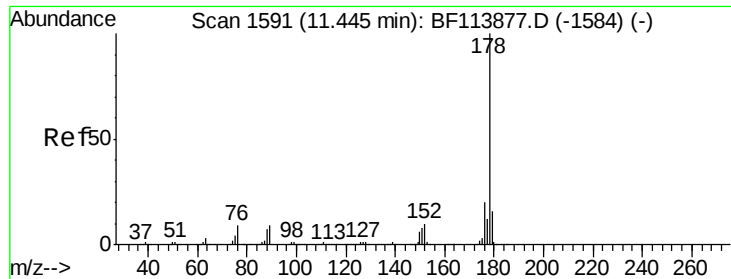


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

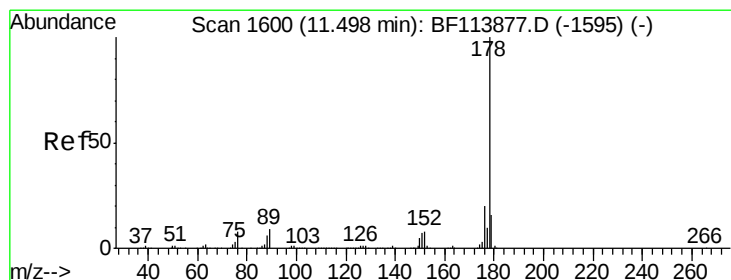
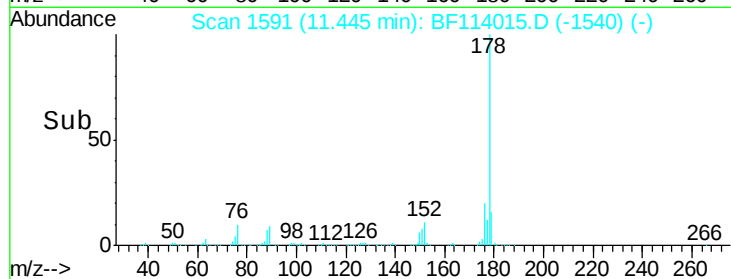
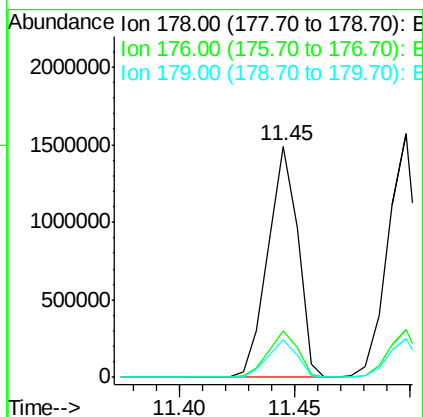
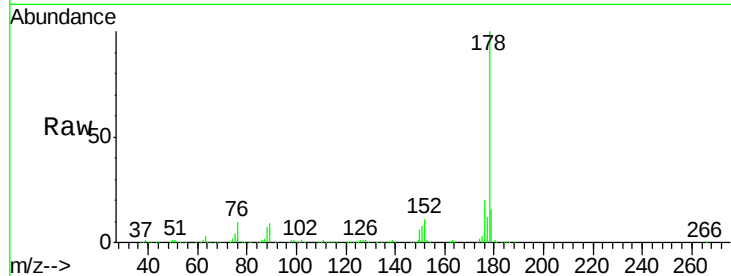




#71
Phenanthrene
Concen: 41.938 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

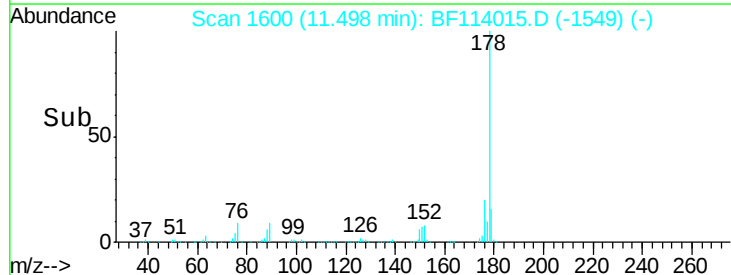
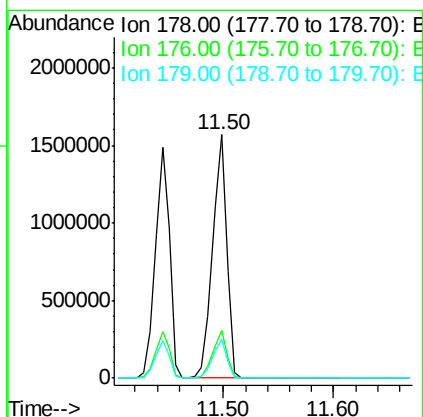
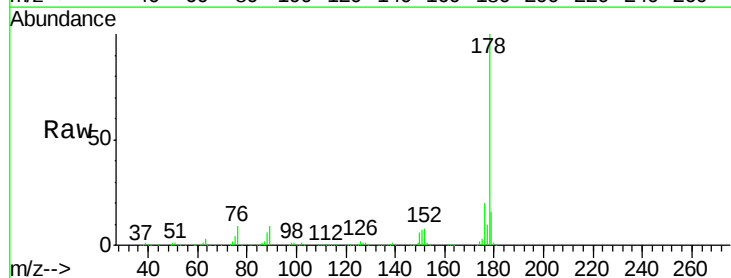
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

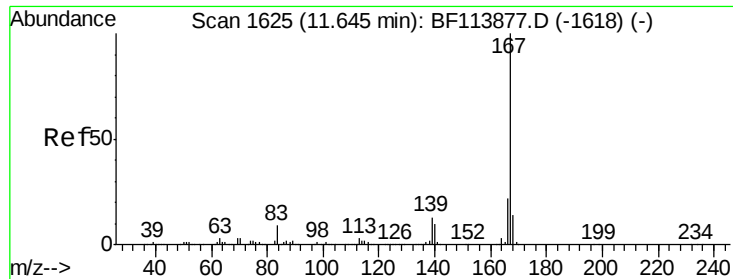
Tgt Ion:178 Resp: 1352210
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.3 12.8 19.2



#72
Anthracene
Concen: 42.224 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Tgt Ion:178 Resp: 1374821
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.1 13.0 19.4





#73

Carbazole

Concen: 43.213 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

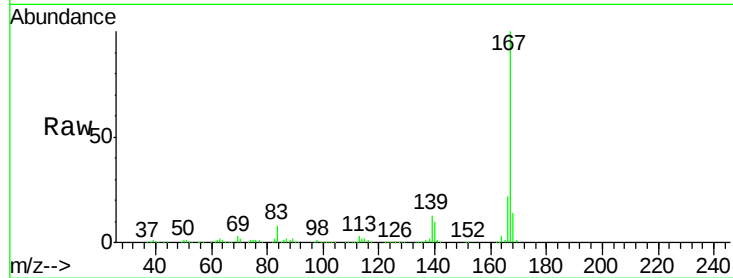
Tgt Ion:167 Resp: 1255281

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

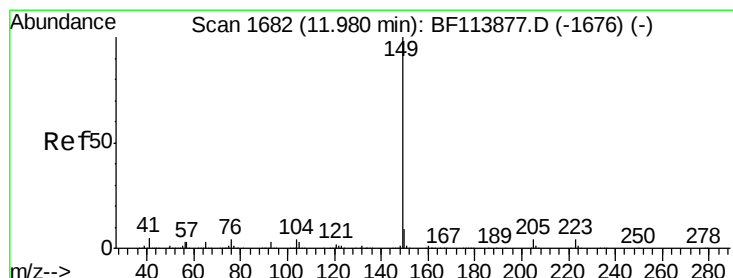
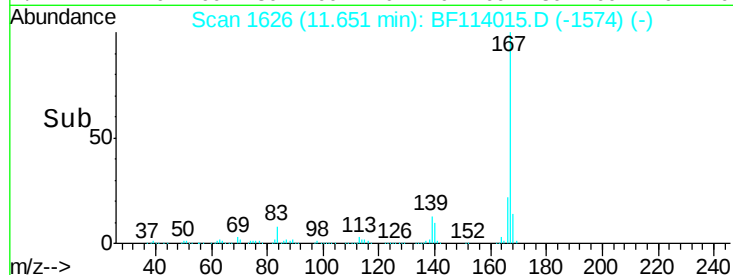
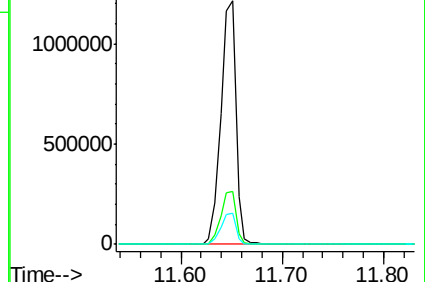
139 12.5 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.298 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

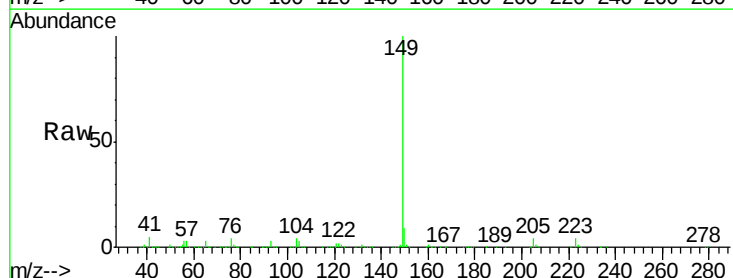
Tgt Ion:149 Resp: 1513680

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

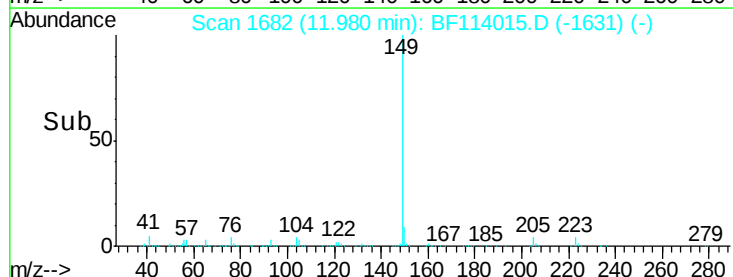
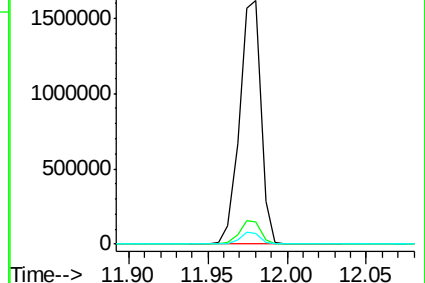
104 4.4 3.8 5.8

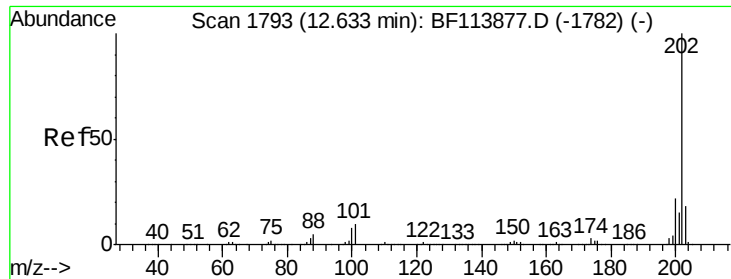


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

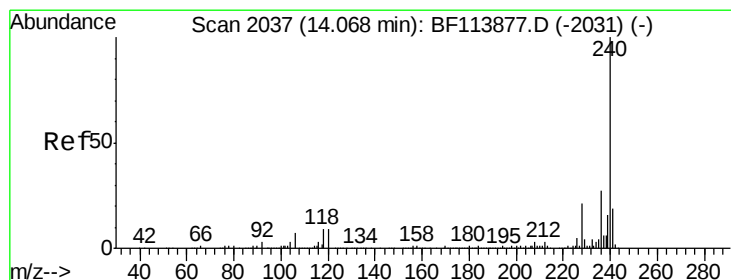
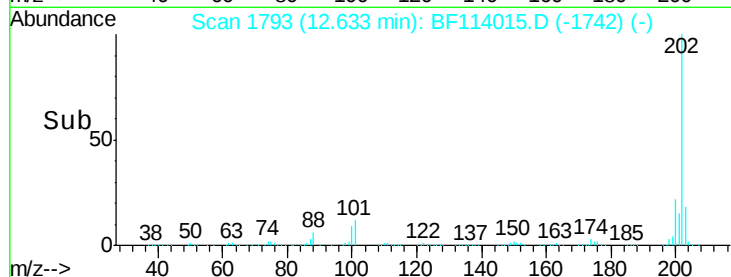
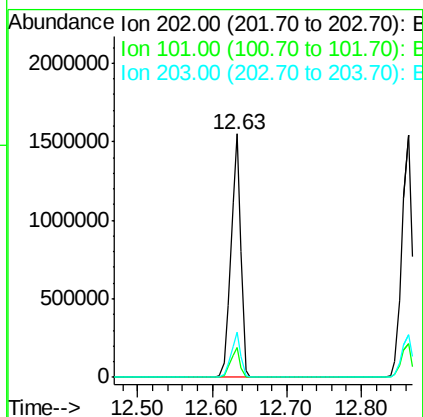
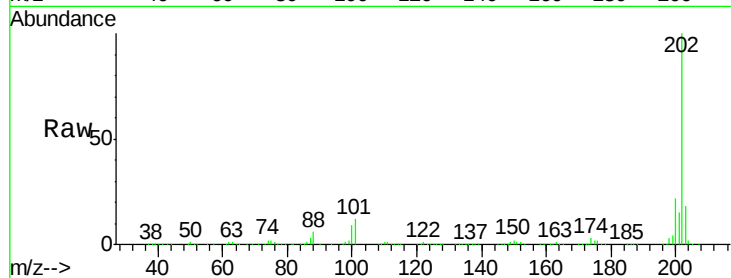




#75
 Fluoranthene
 Concen: 41.120 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

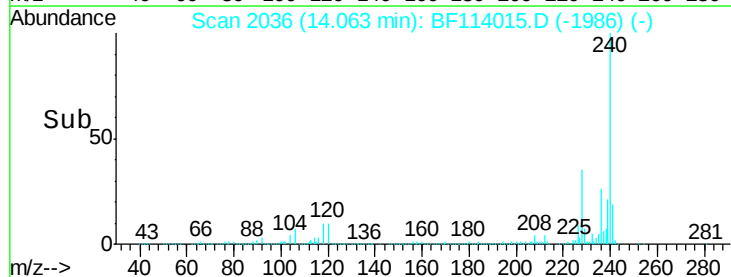
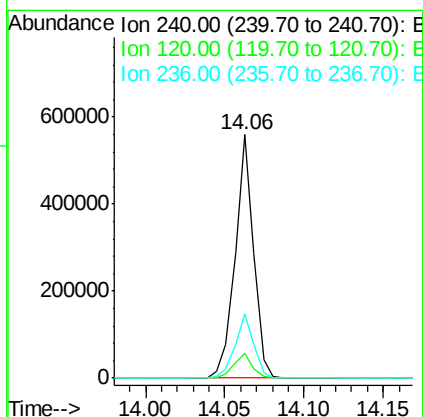
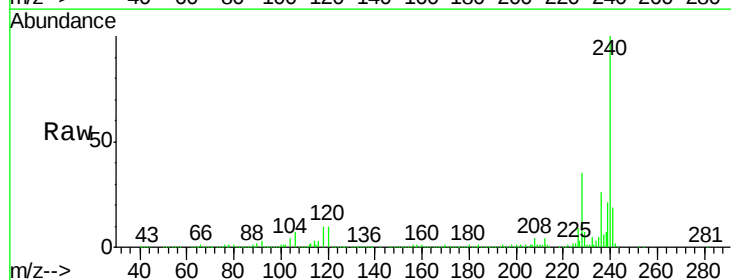
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

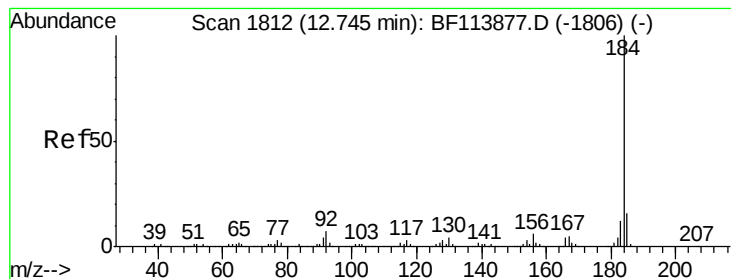
Tgt Ion: 202 Resp: 1446523
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 32.9
 203 18.4 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF114015.D
 Acq: 26 Apr 2019 17:53

Tgt Ion: 240 Resp: 451016
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.3 13.9
 236 26.3 21.2 31.8





#77

Benzidine

Concen: 43.320 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

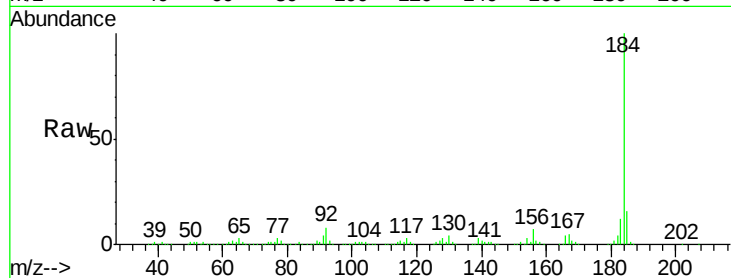
Tgt Ion:184 Resp: 582152

Ion Ratio Lower Upper

184 100

185 16.1 13.0 19.6

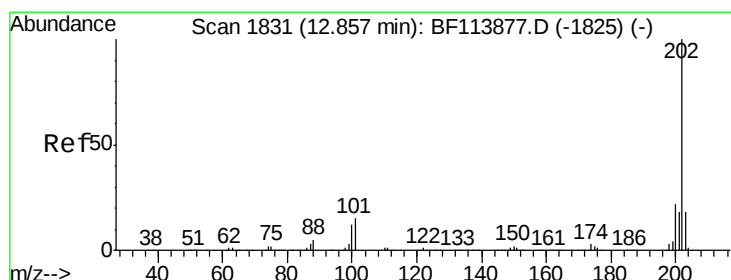
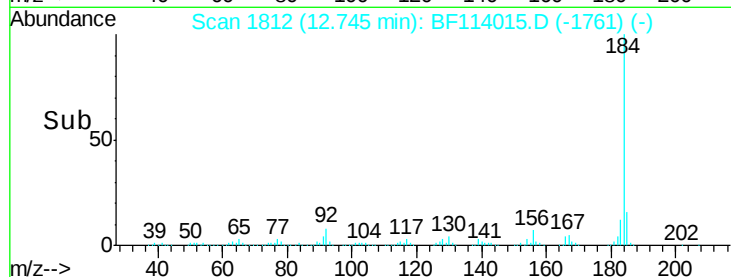
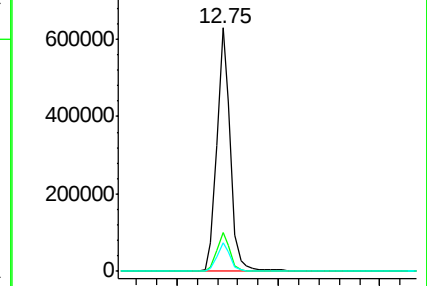
183 12.0 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.134 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

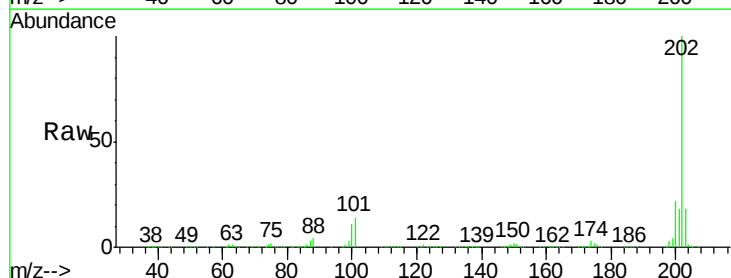
Tgt Ion:202 Resp: 1455074

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

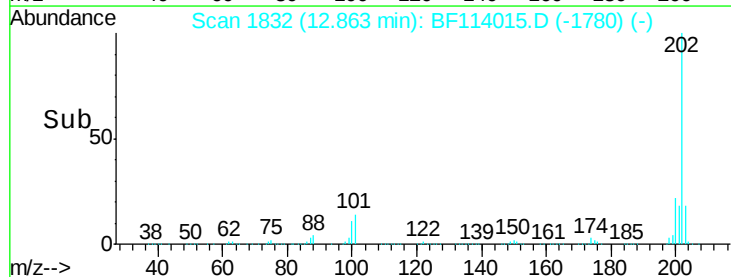
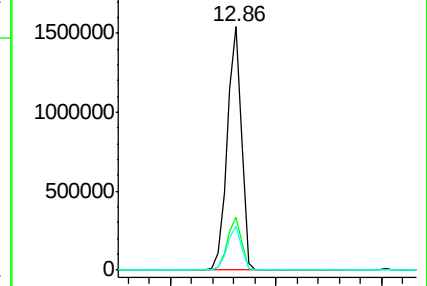
203 17.8 15.0 22.6

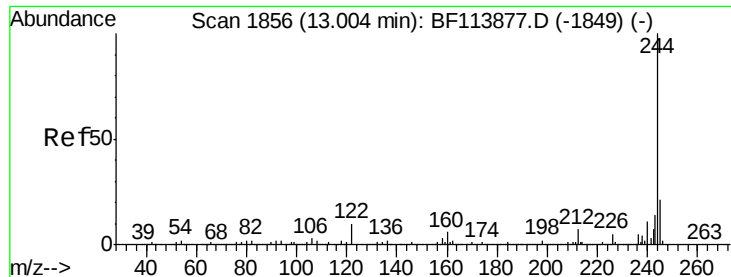


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.537 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

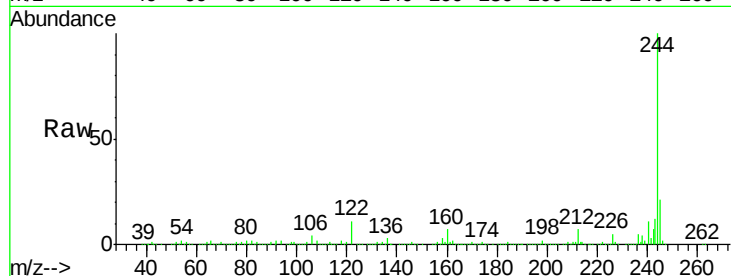
Tgt Ion:244 Resp: 2035762

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

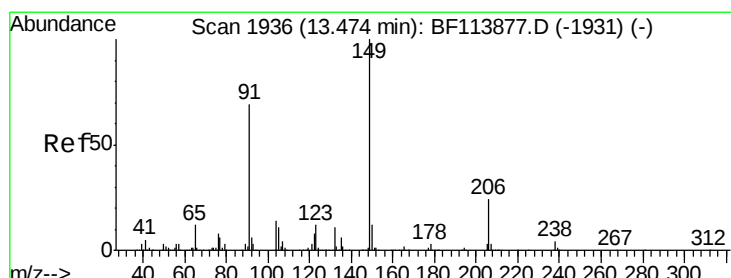
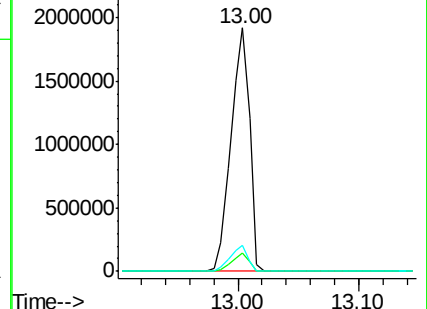
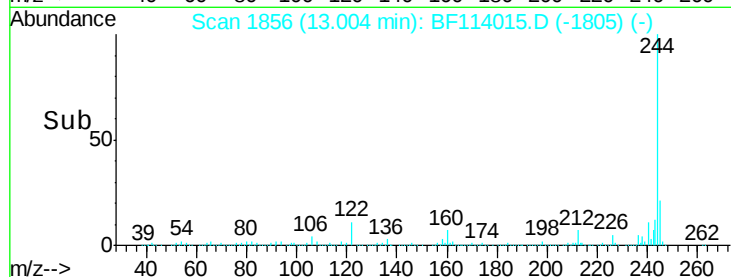
122 10.9 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.492 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

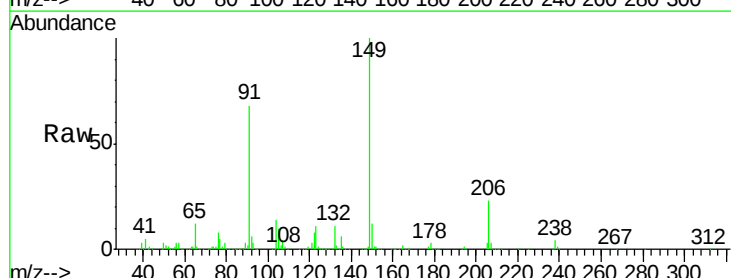
Tgt Ion:149 Resp: 626574

Ion Ratio Lower Upper

149 100

91 68.2 56.3 84.5

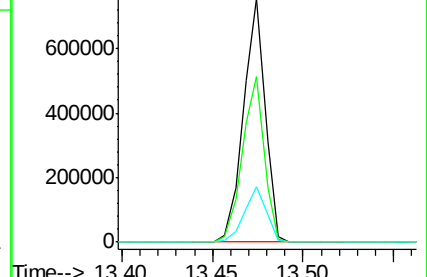
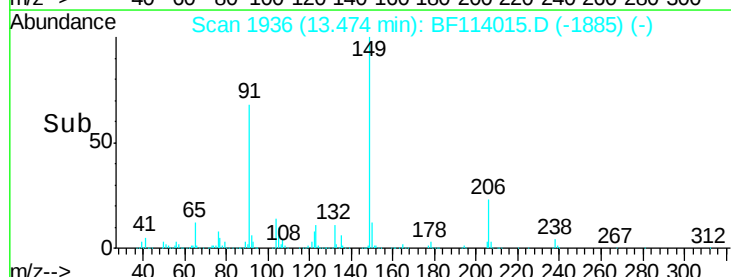
206 22.5 19.0 28.6

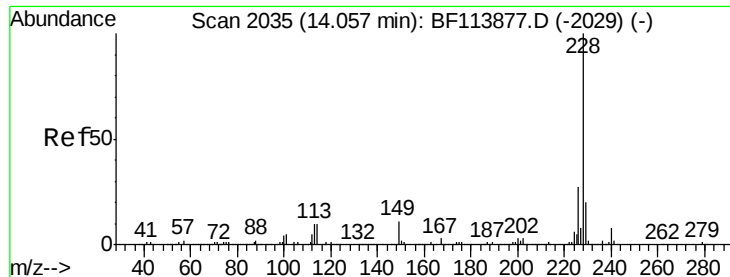


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.368 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

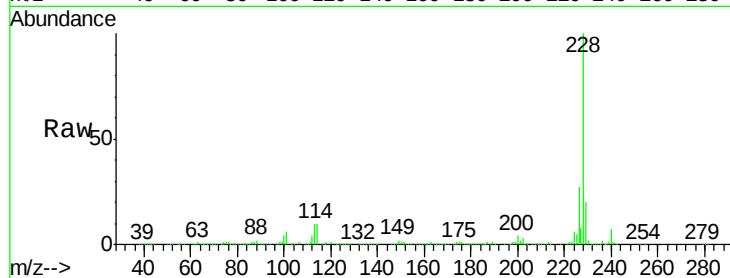
BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 1258701

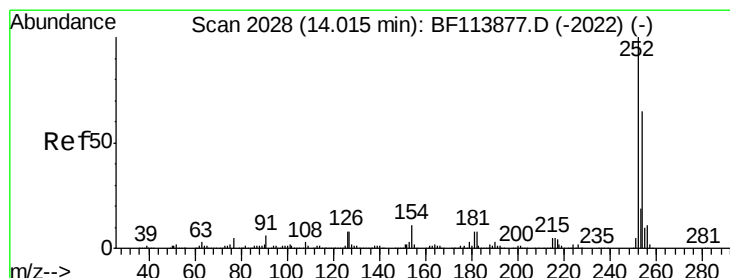
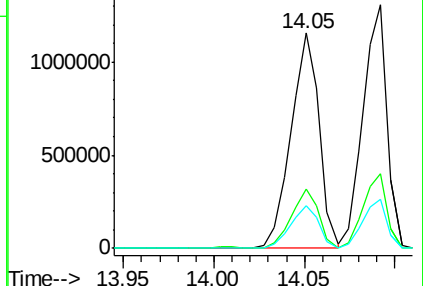
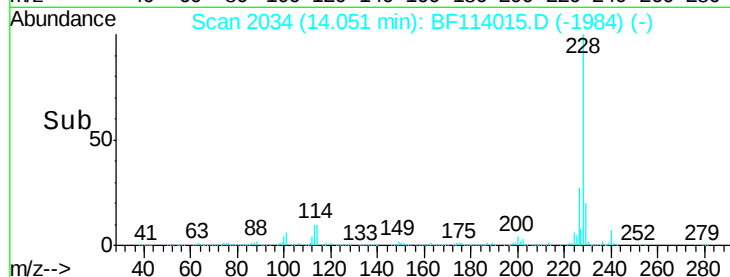
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.2
229	20.0	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 48.094 ng

RT: 14.01 min Scan# 2027

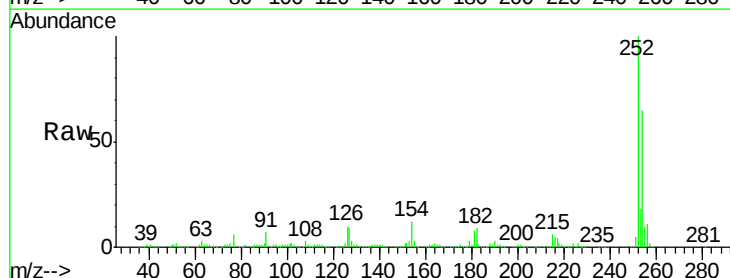
Delta R.T. -0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Tgt Ion:252 Resp: 468429

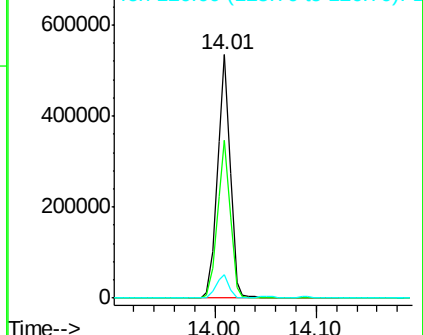
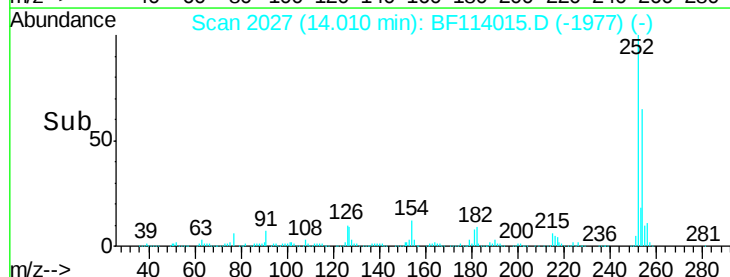
Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	9.8	9.3	13.9

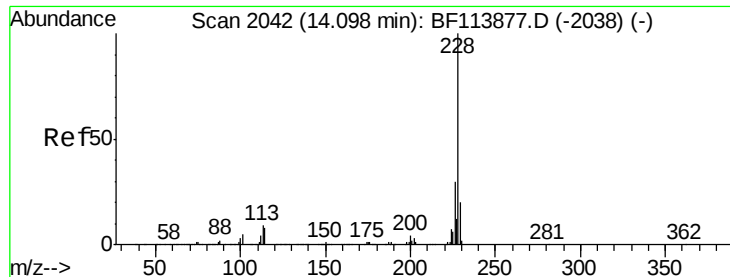


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.635 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

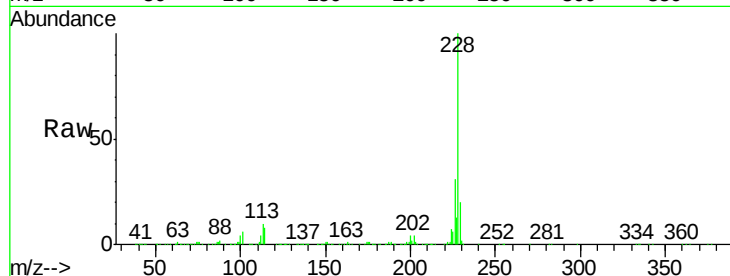
Tgt Ion:228 Resp: 1206890

Ion Ratio Lower Upper

228 100

226 30.6 25.2 37.8

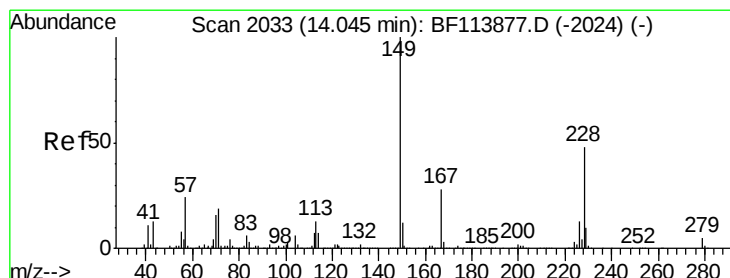
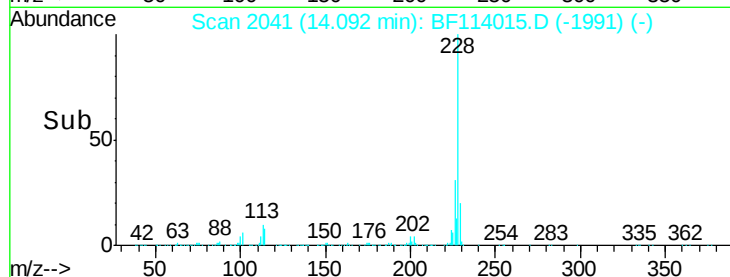
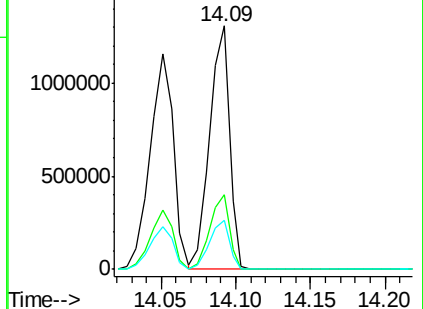
229 20.1 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.333 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

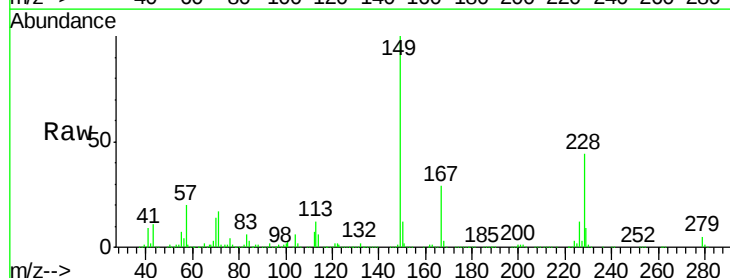
Tgt Ion:149 Resp: 826271

Ion Ratio Lower Upper

149 100

167 28.7 22.9 34.3

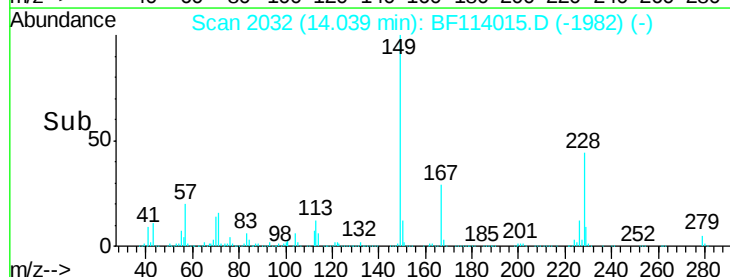
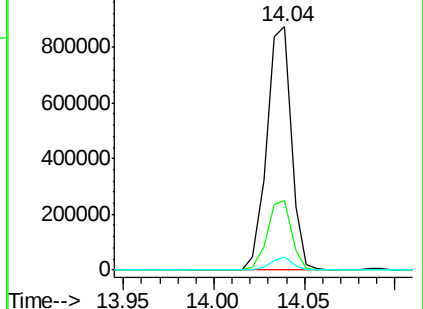
279 5.2 4.2 6.2

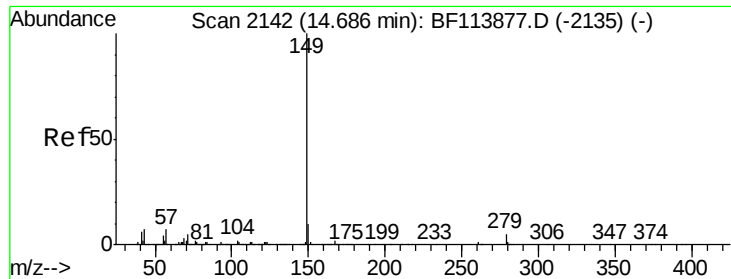


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

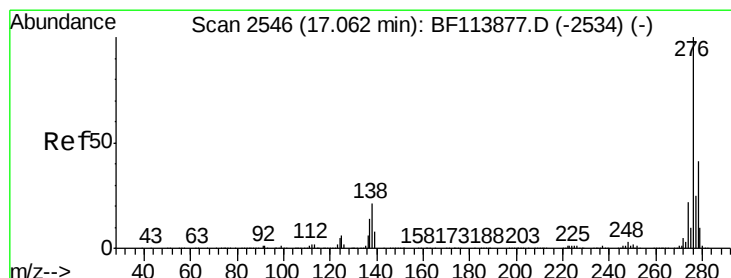
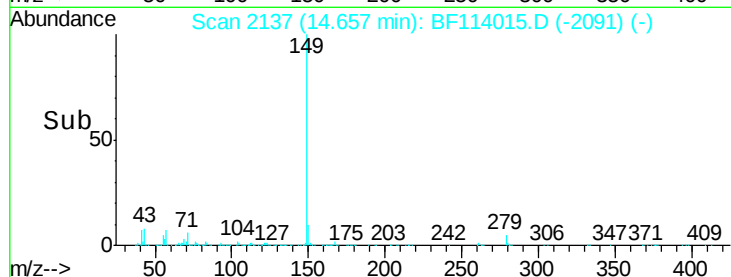
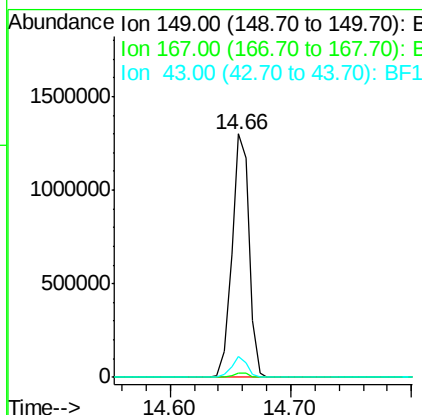
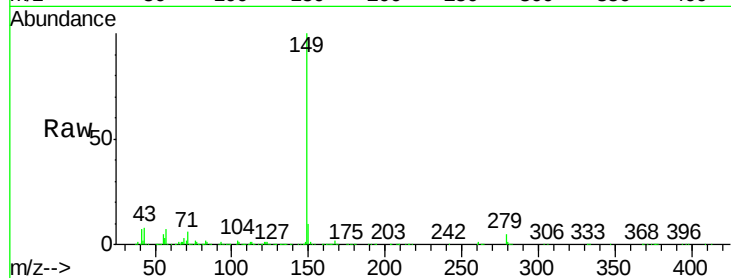




#85
Di-n-octyl phthalate
Concen: 51.672 ng
RT: 14.66 min Scan# 2137
Delta R.T. -0.03 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

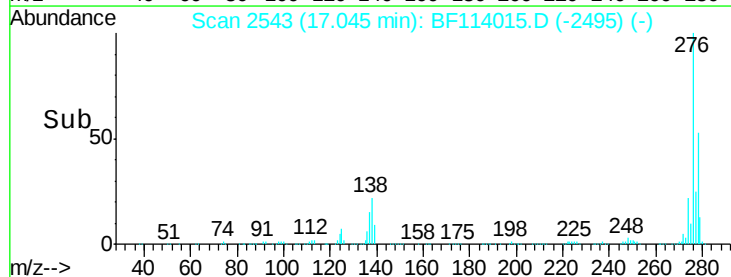
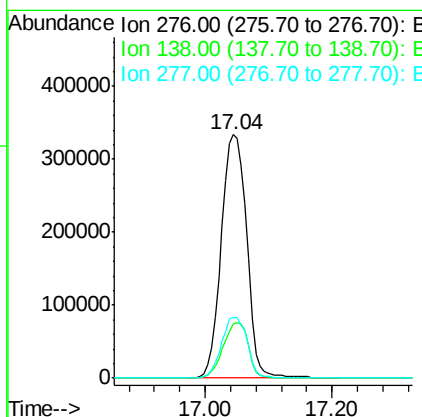
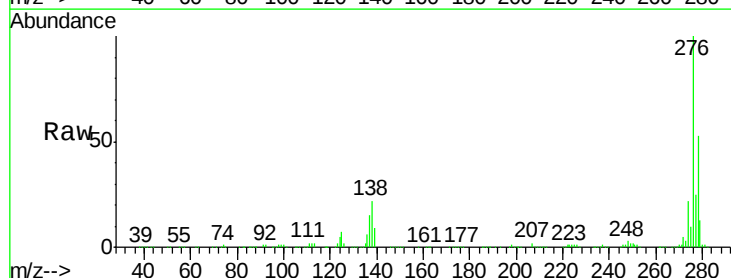
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

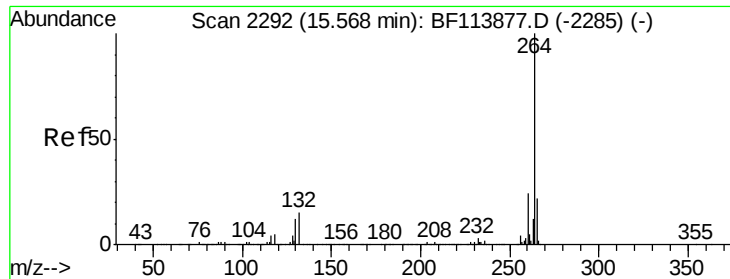
Tgt Ion:149 Resp: 1276965
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.6 10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.894 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Tgt Ion:276 Resp: 928932
Ion Ratio Lower Upper
276 100
138 22.4 19.6 29.4
277 25.0 20.2 30.4



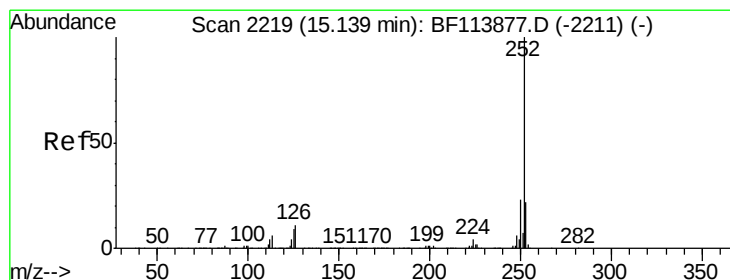
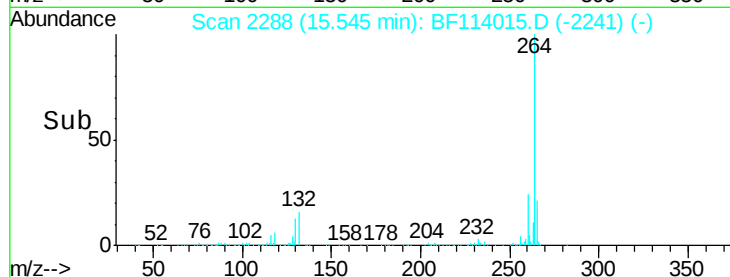
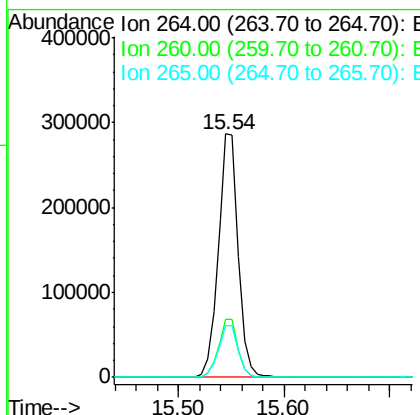
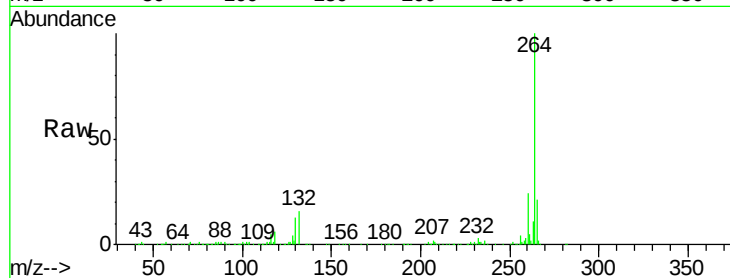


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 264 Resp: 376520

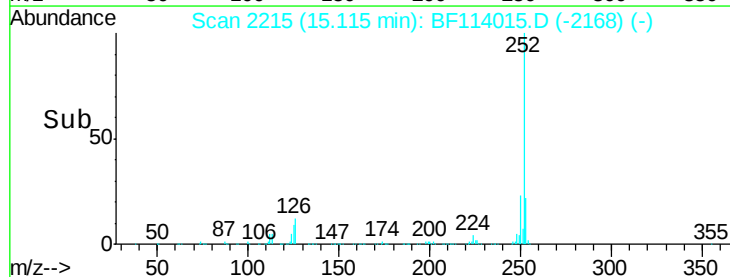
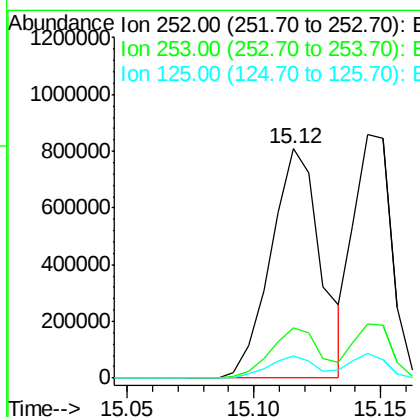
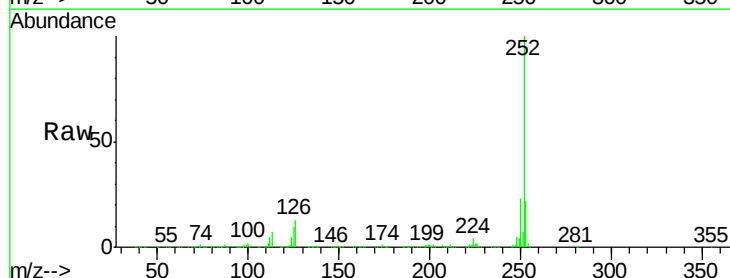
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.3	17.3	25.9

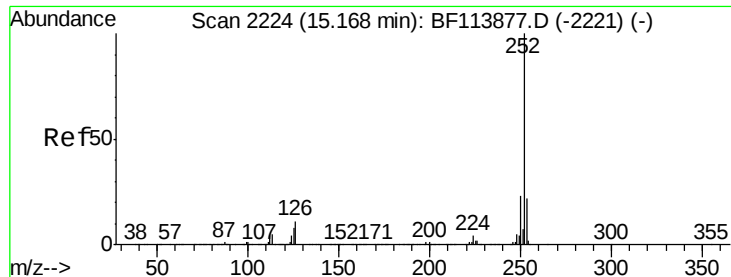


#88
Benzo(b)fluoranthene
Concen: 46.539 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Tgt Ion: 252 Resp: 1108670

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.8	7.0	10.6

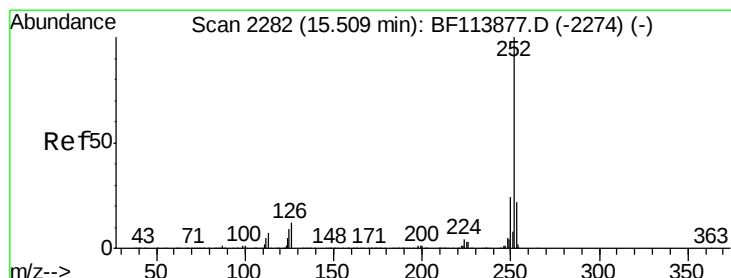
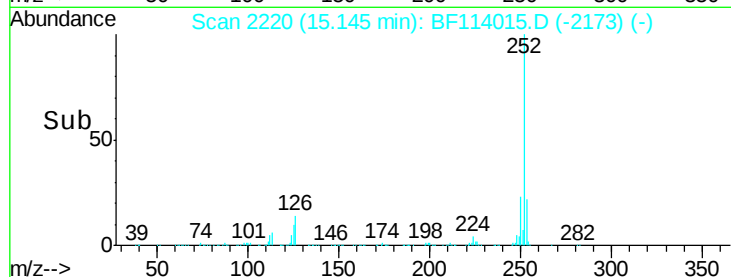
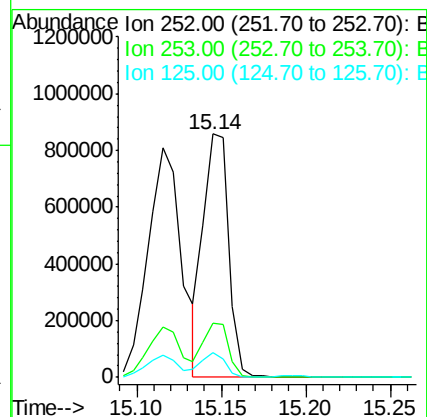
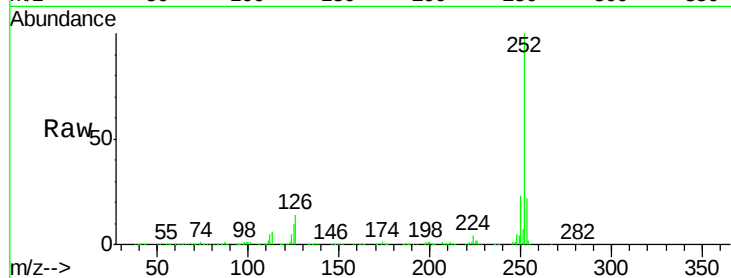




#89
Benzo(k)fluoranthene
Concen: 43.559 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

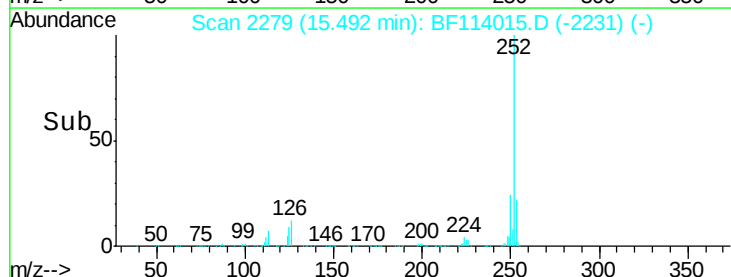
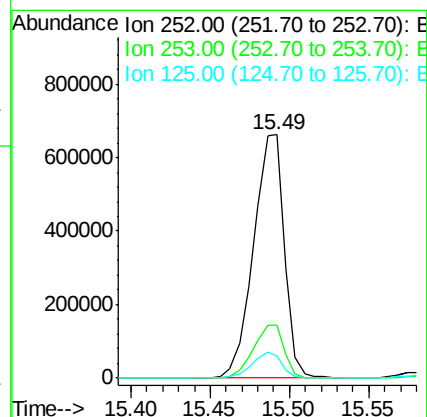
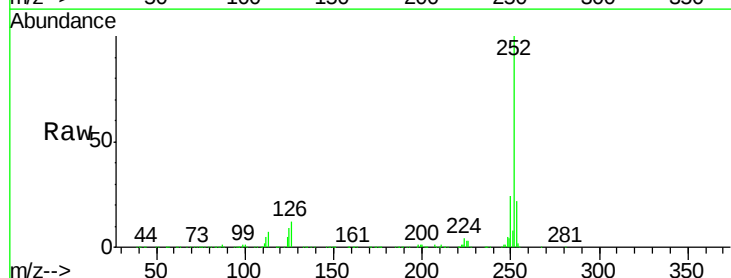
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

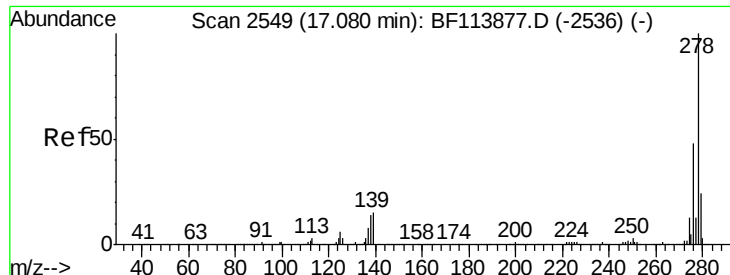
Tgt Ion:252 Resp: 892572
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 43.524 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF114015.D
Acq: 26 Apr 2019 17:53

Tgt Ion:252 Resp: 896805
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.4 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 39.556 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.02 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

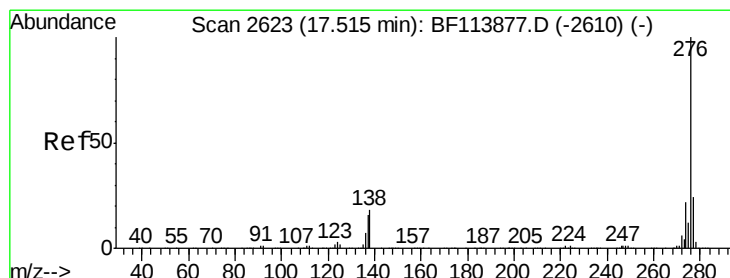
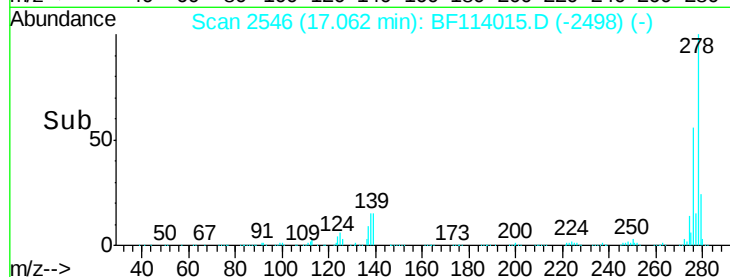
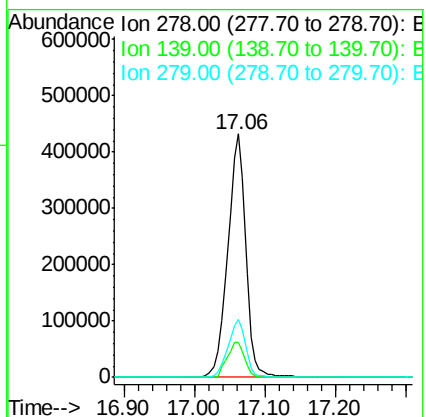
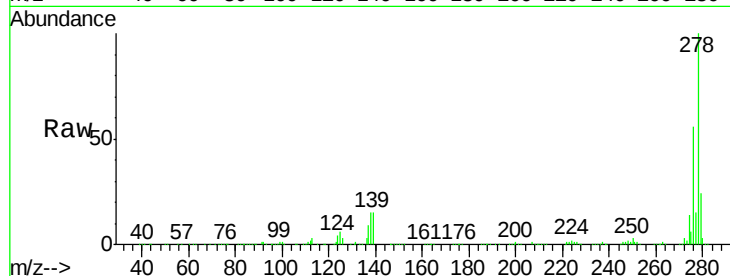
Tgt Ion: 278 Resp: 765111

Ion Ratio Lower Upper

278 100

139 14.6 11.6 17.4

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 38.696 ng

RT: 17.49 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF114015.D

Acq: 26 Apr 2019 17:53

Tgt Ion: 276 Resp: 755340

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 20.4 16.6 25.0

