

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042919\
 Data File : BF114019.D
 Acq On : 29 Apr 2019 12:46
 Operator : JU/SJ
 Sample : K2571-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 01:19:59 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	6.89	152	93432	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	355725	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	180489	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	316986	20.00	ng	0.00
76) Chrysene-d12	14.06	240	211381	20.00	ng	-0.01
87) Perylene-d12	15.55	264	248004	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	611357	111.91	ng	0.00
7) Phenol-d6	6.52	99	794410	115.91	ng	0.00
23) Nitrobenzene-d5	7.45	82	480223	83.35	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	232109	105.57	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	969761	84.03	ng	-0.01
79) Terphenyl-d14	12.99	244	904904	87.76	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.73	88	86159	33.459	ng	99
3) Pyridine	3.49	79	219020	31.160	ng	98
4) n-Nitrosodimethylamine	3.42	42	82337	34.221	ng	94
6) Aniline	6.55	93	239768	25.477	ng	97
8) 2-Chlorophenol	6.68	128	239355	38.378	ng	99
9) Benzaldehyde	6.44	77	58203	10.401	ng	95
10) Phenol	6.53	94	312090	38.081	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	233238	37.820	ng	96
12) 1,3-Dichlorobenzene	6.84	146	270330	38.271	ng	97
13) 1,4-Dichlorobenzene	6.91	146	276894	38.974	ng	98
14) 1,2-Dichlorobenzene	7.06	146	261172	40.000	ng	98
15) Benzyl Alcohol	7.03	79	200741	43.489	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	261387	36.308	ng	91
17) 2-Methylphenol	7.15	107	207107	37.883	ng	97
18) Hexachloroethane	7.41	117	94779	38.056	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	168125	37.880	ng	98
20) 3+4-Methylphenols	7.29	107	245963	39.821	ng	# 81
22) Acetophenone	7.30	105	335136	42.336	ng	96
24) Nitrobenzene	7.47	77	258879	40.666	ng	99
25) Isophorone	7.71	82	464096	39.368	ng	99
26) 2-Nitrophenol	7.79	139	126155	43.439	ng	92
27) 2,4-Dimethylphenol	7.82	122	207948	43.948	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	298036	39.675	ng	99
29) 2,4-Dichlorophenol	8.03	162	220945	40.834	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	243488	40.358	ng	97
31) Naphthalene	8.20	128	701834	41.531	ng	99
32) Benzoic acid	7.89	122	32843	10.278	ng	96
33) 4-Chloroaniline	8.24	127	159707	22.335	ng	96
34) Hexachlorobutadiene	8.32	225	148567	39.502	ng	98
35) Caprolactam	8.59	113	54196	31.487	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	213993	39.919	ng	98
37) 2-Methylnaphthalene	8.89	142	480007	42.122	ng	99
38) 1-Methylnaphthalene	8.99	142	447755	40.710	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	245367	41.851	ng	99

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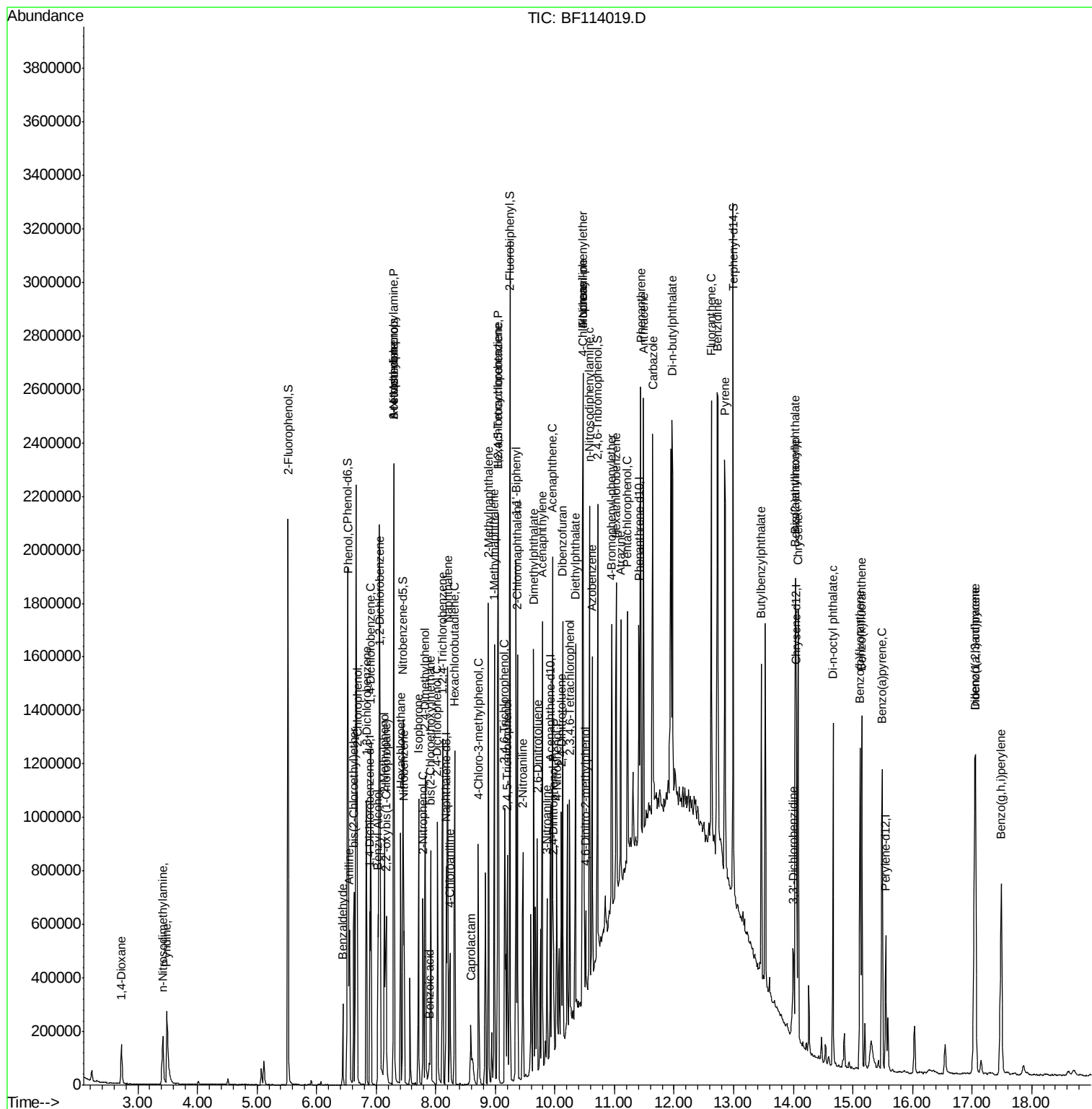
Instrument :
 BNA_F
 ClientSampleId :

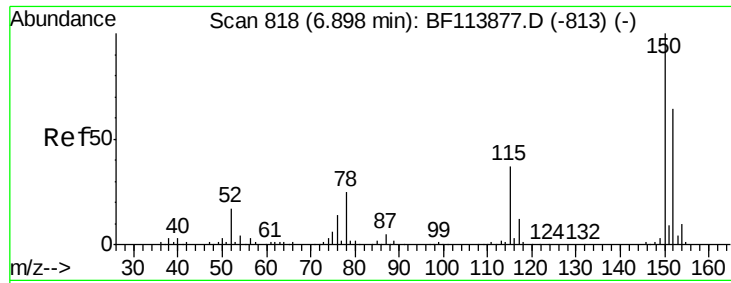
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	264254	80.827	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	156977	42.165	ng	97
44) 2,4,5-Trichlorophenol	9.20	196	171098	40.974	ng	97
46) 1,1'-Biphenyl	9.35	154	590919	42.857	ng	99
47) 2-Chloronaphthalene	9.37	162	472021	42.097	ng	100
48) 2-Nitroaniline	9.46	65	128732	43.796	ng	87
49) Acenaphthylene	9.79	152	717834	40.894	ng	98
50) Dimethylphthalate	9.65	163	641185	49.121	ng	99
51) 2,6-Dinitrotoluene	9.70	165	124803	44.566	ng	98
52) Acenaphthene	9.96	154	435385	41.969	ng	98
53) 3-Nitroaniline	9.87	138	95177	32.343	ng	97
54) 2,4-Dinitrophenol	9.97	184	50954	46.001	ng	# 8
55) Dibenzofuran	10.13	168	646709	41.617	ng	100
56) 4-Nitrophenol	10.03	139	168717	72.411	ng	93
57) 2,4-Dinitrotoluene	10.10	165	160361	45.367	ng	98
58) Fluorene	10.47	166	478574	40.907	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	130791	35.642	ng	98
60) Diethylphthalate	10.35	149	510970	41.222	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	254538	41.082	ng	96
62) 4-Nitroaniline	10.48	138	111179	38.715	ng	98
63) Azobenzene	10.62	77	464094	38.630	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	45712	33.981	ng	94
66) n-Nitrosodiphenylamine	10.58	169	430549	45.267	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	156033	40.747	ng	95
68) Hexachlorobenzene	11.03	284	171424	40.737	ng	100
69) Atrazine	11.10	200	132117	42.700	ng	96
70) Pentachlorophenol	11.22	266	151147	63.440	ng	98
71) Phenanthrene	11.44	178	673783	42.296	ng	99
72) Anthracene	11.49	178	683316	42.476	ng	99
73) Carbazole	11.64	167	577715	40.253	ng	100
74) Di-n-butylphthalate	11.97	149	718398	42.552	ng	100
75) Fluoranthene	12.63	202	662111	38.095	ng	97
77) Benzidine	12.74	184	126939	20.155	ng	# 86
78) Pyrene	12.85	202	659045	44.584	ng	99
80) Butylbenzylphthalate	13.46	149	269761	46.382	ng	99
81) Benzo(a)anthracene	14.04	228	545336	43.787	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	67426	14.771	ng	97
83) Chrysene	14.08	228	552090	45.517	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	379645	51.305	ng	99
85) Di-n-octyl phthalate	14.67	149	625412	53.997	ng	98
86) Indeno(1,2,3-cd)pyrene	17.05	276	747530	65.064	ng	98
88) Benzo(b)fluoranthene	15.12	252	588016	37.475	ng	99
89) Benzo(k)fluoranthene	15.15	252	573840	42.516	ng	99
90) Benzo(a)pyrene	15.49	252	580510	42.773	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	624561	49.022	ng	99
92) Benzo(g,h,i)perylene	17.49	276	635413	49.421	ng	98

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

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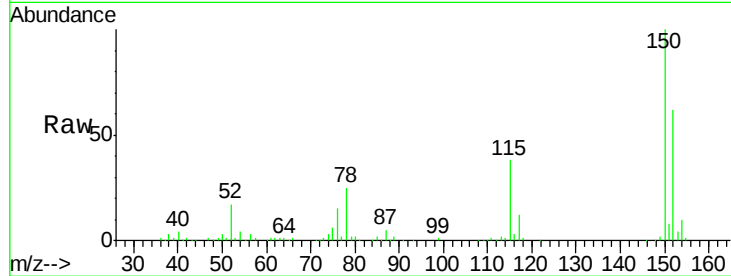


#1

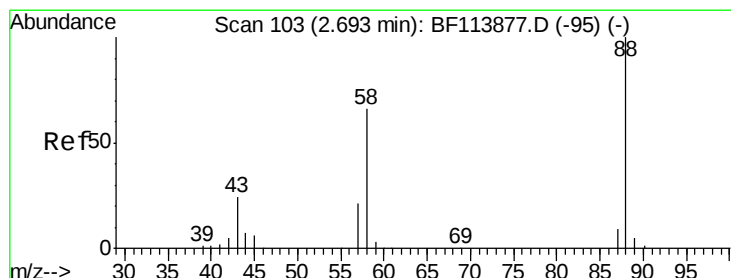
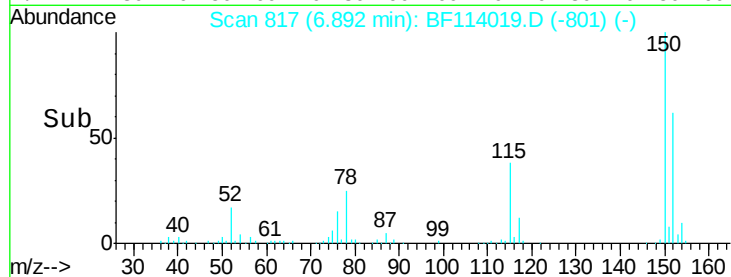
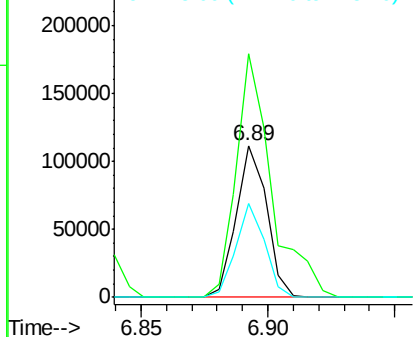
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	125.9	188.9
115	61.7	45.9	68.9



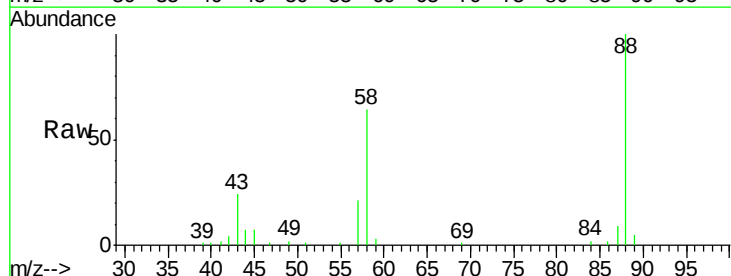
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



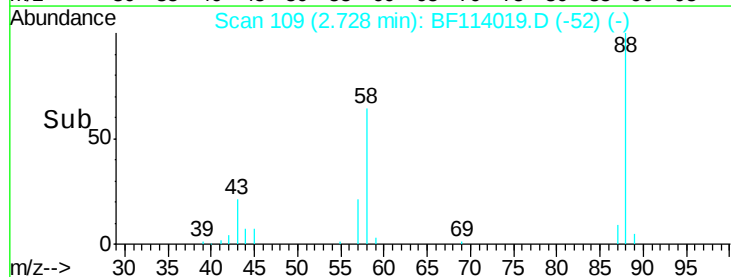
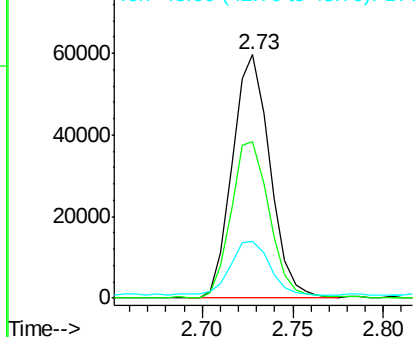
#2

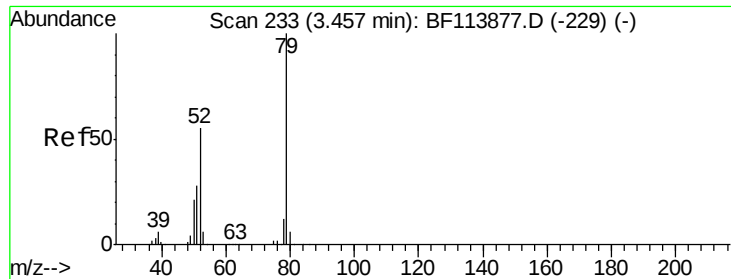
1,4-Dioxane
Concen: 33.459 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.04 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	53.3	79.9
43	22.8	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

Pvridine

Concen: 31.160 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.03 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampled :

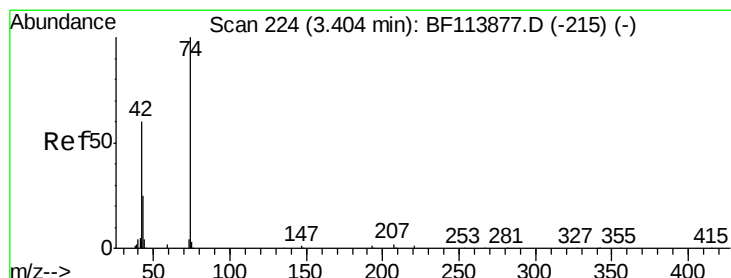
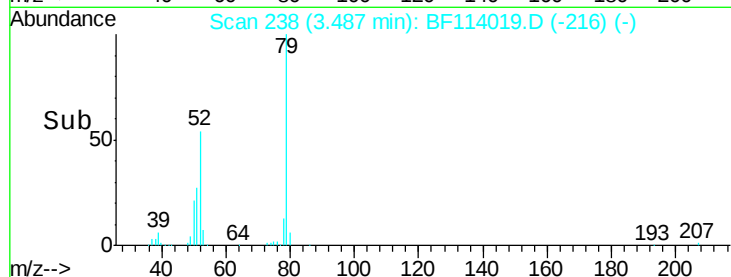
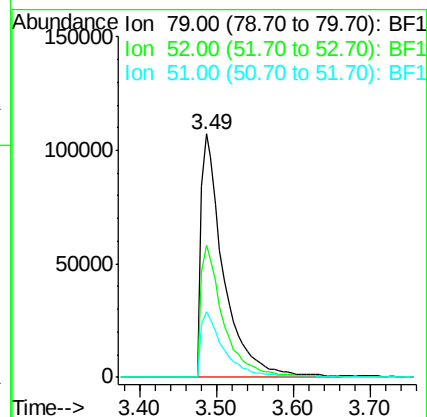
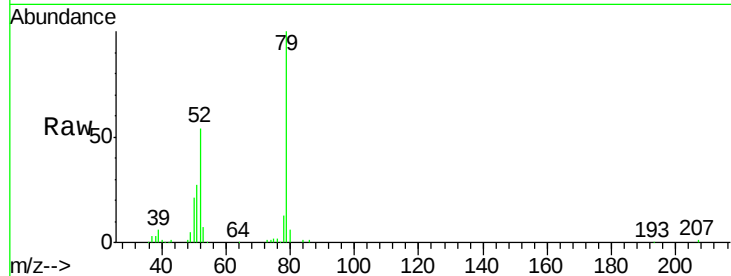
Tot Ion: 79 Resp: 219020

Ion Ratio Lower Upper

79 100

52 54.3 45.3 67.9

51 27.1 22.1 33.1



#4

n-Nitrosodimethylamine

Concen: 34.221 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.02 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

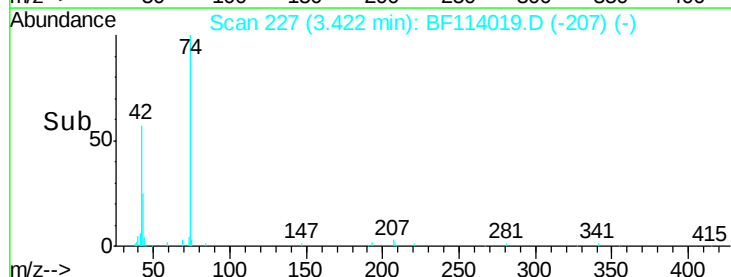
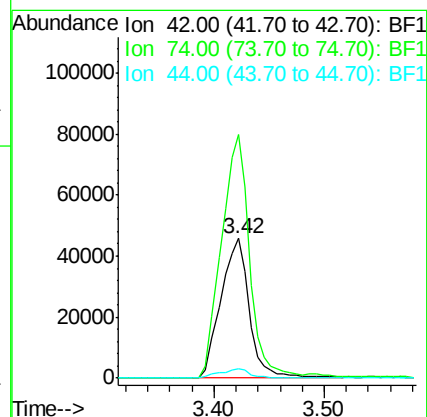
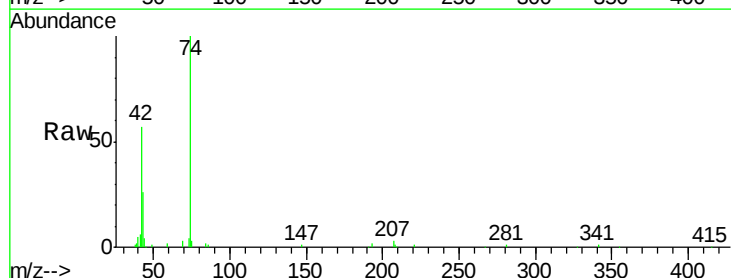
Tgt Ion: 42 Resp: 82337

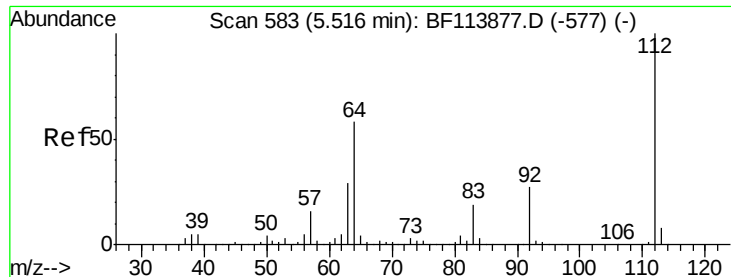
Ion Ratio Lower Upper

42 100

74 174.3 132.6 198.8

44 6.9 5.8 8.8





#5

2-Fluorophenol

Concen: 111.914 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampled :

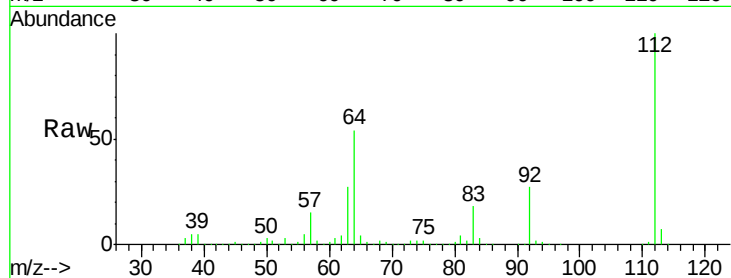
Tot Ion:112 Resp: 611357

Ion Ratio Lower Upper

112 100

64 54.5 46.6 69.8

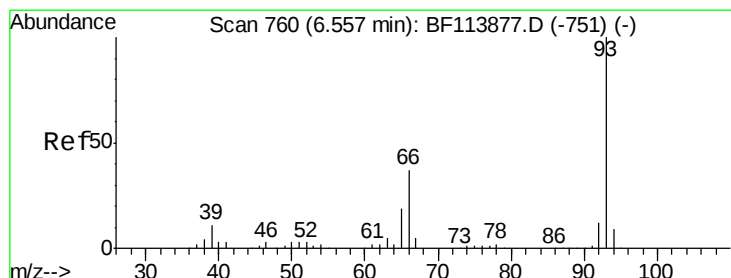
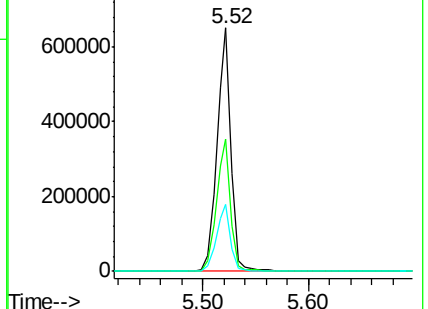
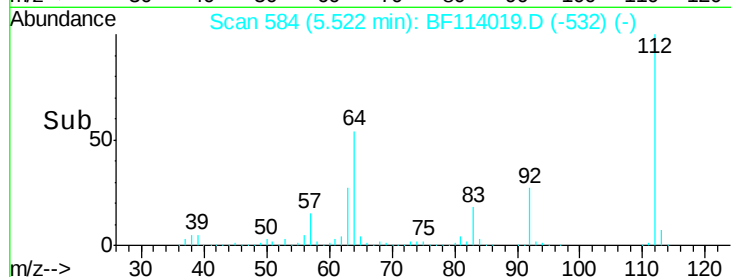
63 27.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.477 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

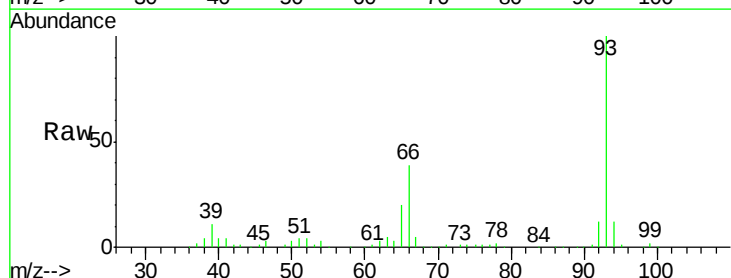
Tgt Ion: 93 Resp: 239768

Ion Ratio Lower Upper

93 100

66 39.0 29.8 44.6

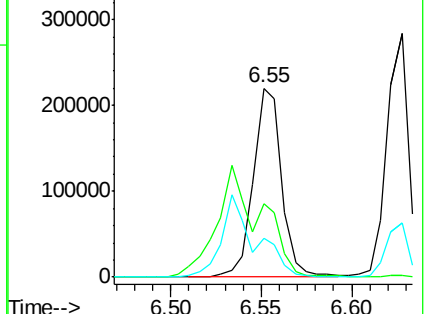
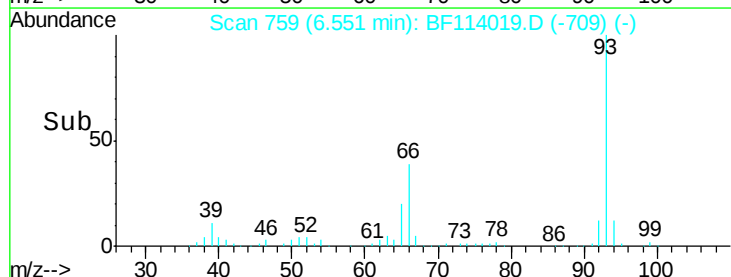
65 20.5 14.9 22.3

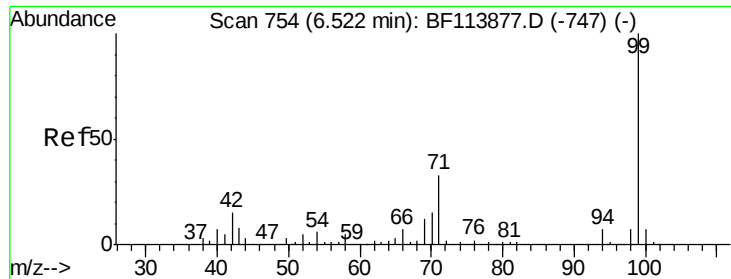


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.911 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF114019.D

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BNA_F

ClientSampleId :

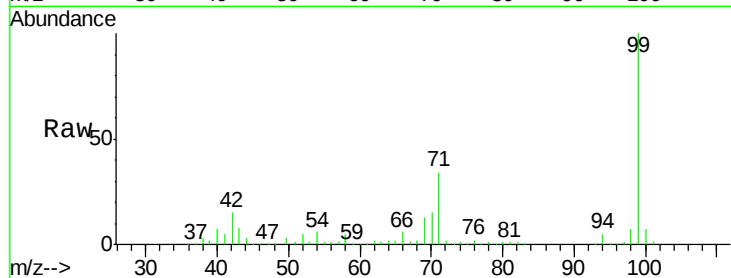
Tot Ion: 99 Resp: 794410

Ion Ratio Lower Upper

99 100

42 15.1 12.5 18.7

71 34.1 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

6.52

800000

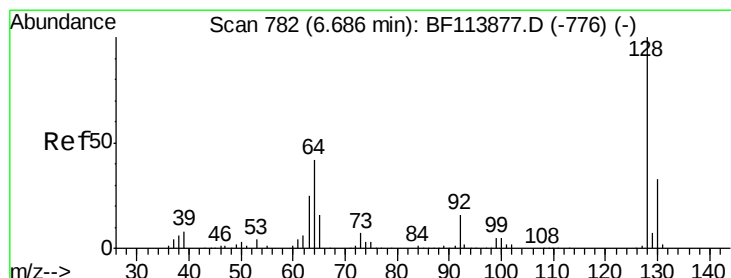
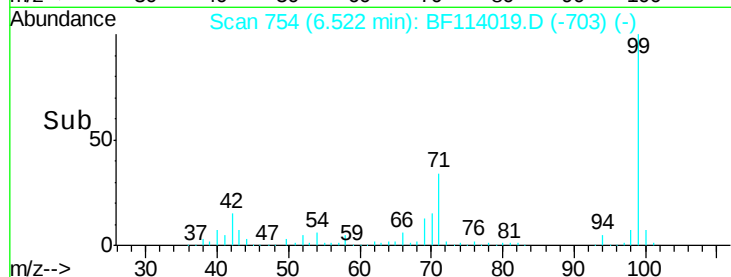
600000

400000

200000

0

Time-->



#8

2-Chlorophenol

Concen: 38.378 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

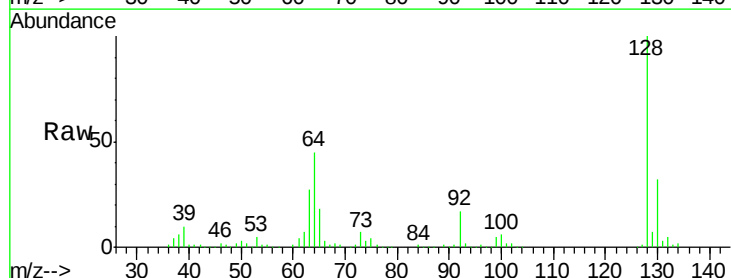
Tgt Ion: 128 Resp: 239355

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 45.3 26.1 66.1



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

6.68

400000

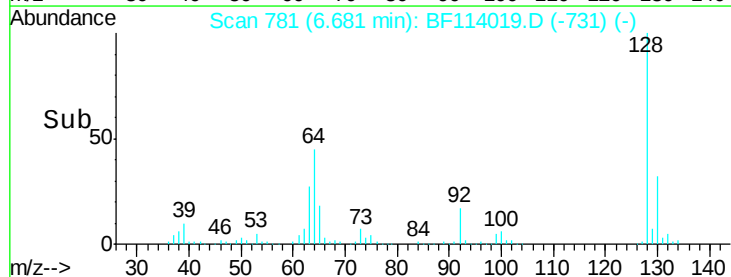
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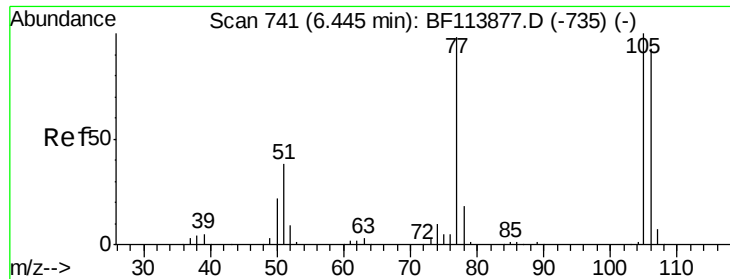
200000

100000

0

Time-->





#9

Benzaldehyde

Concen: 10.401 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampled :

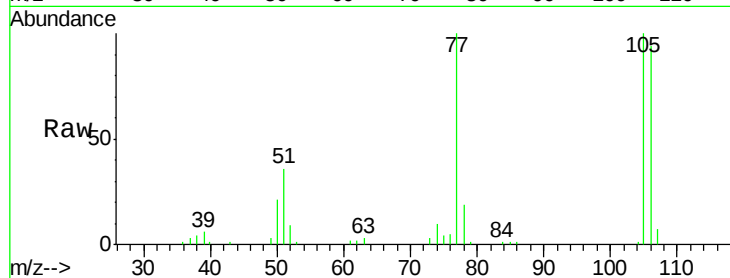
Tot Ion: 77 Resp: 58203

Ion Ratio Lower Upper

77 100

105 100.1 74.1 114.1

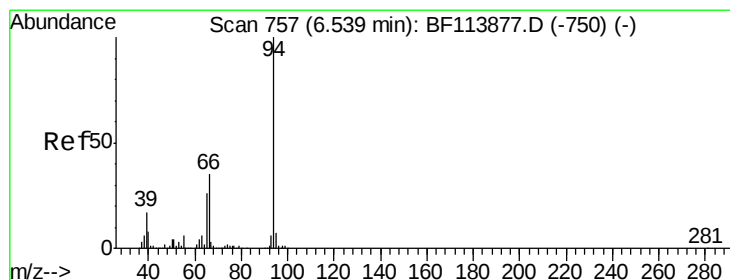
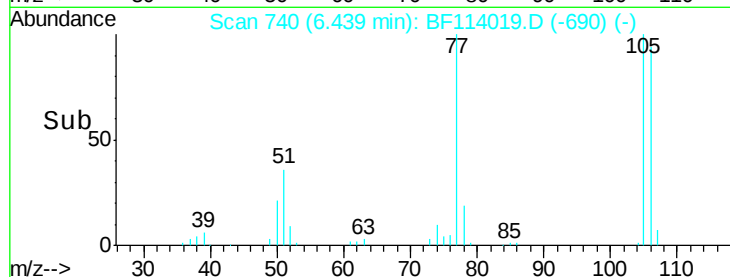
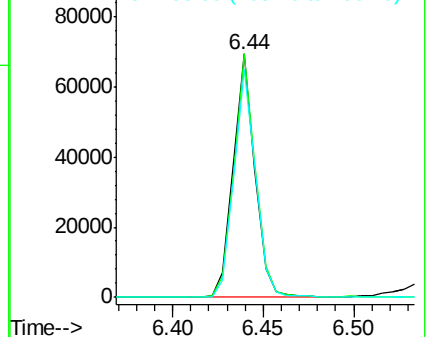
106 93.8 70.3 110.3



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: 38.081 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

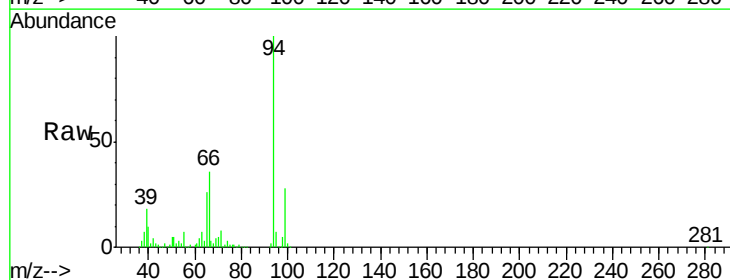
Tgt Ion: 94 Resp: 312090

Ion Ratio Lower Upper

94 100

65 26.3 8.1 48.1

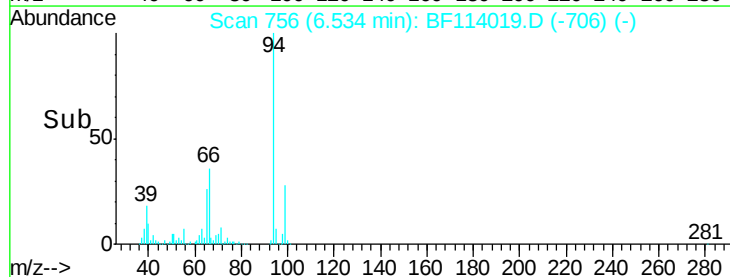
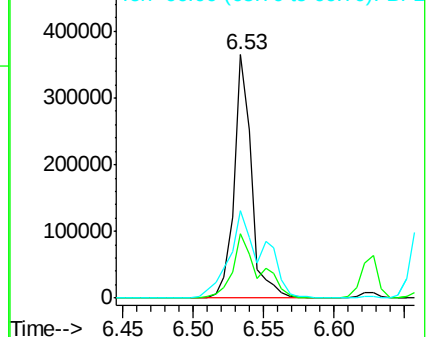
66 35.8 16.6 56.6

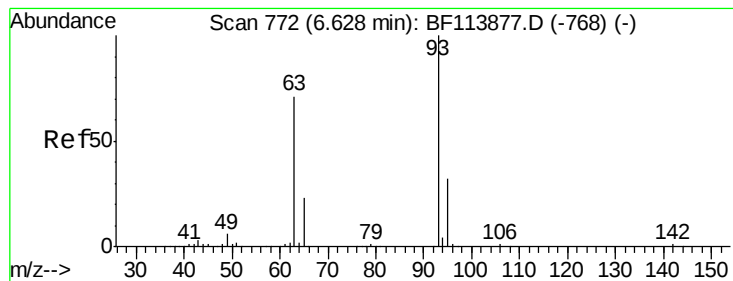


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

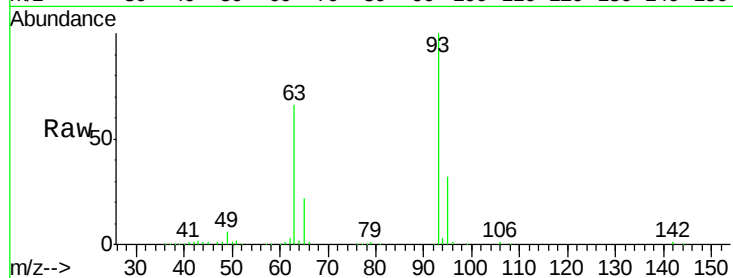




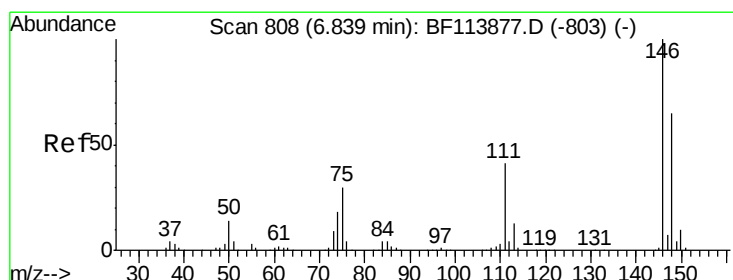
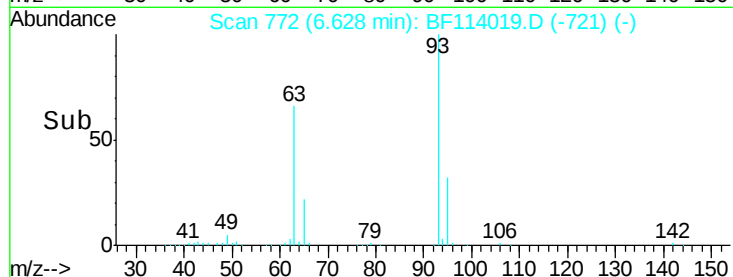
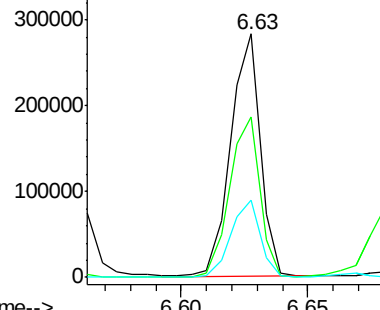
#11
bis(2-Chloroethyl)ether
Concen: 37.820 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 233238
Ion Ratio Lower Upper
93 100
63 65.8 50.7 90.7
95 31.8 12.3 52.3

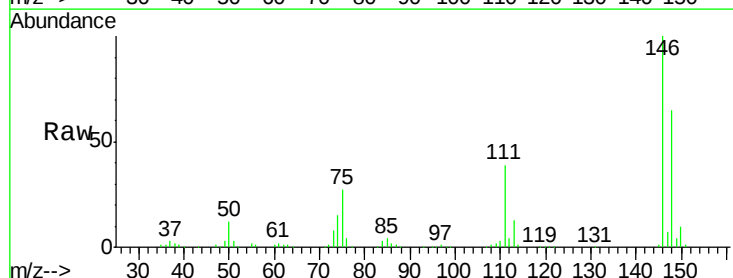


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

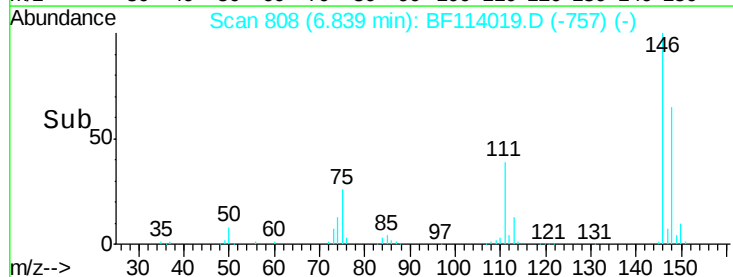
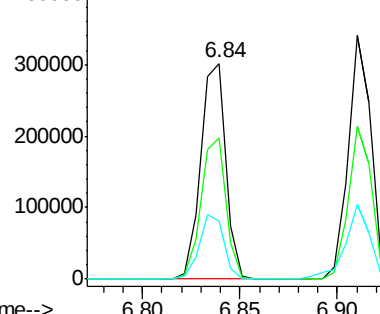


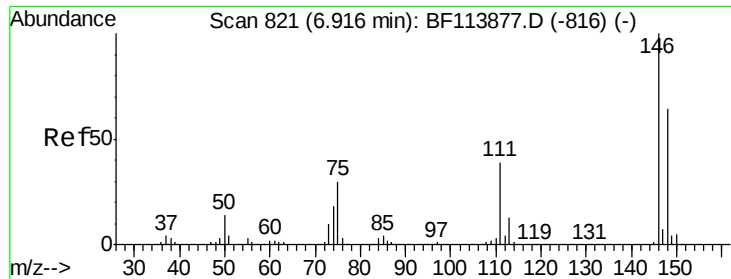
#12
1,3-Dichlorobenzene
Concen: 38.271 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion: 146 Resp: 270330
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.6
75 26.6 23.8 35.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

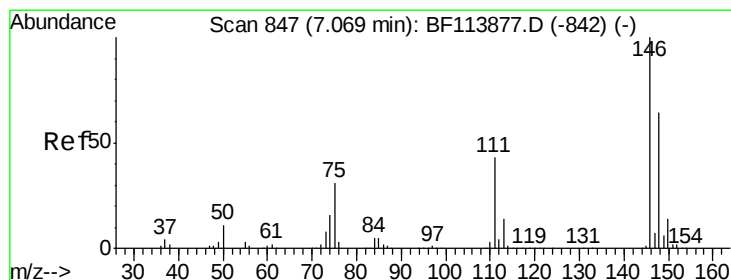
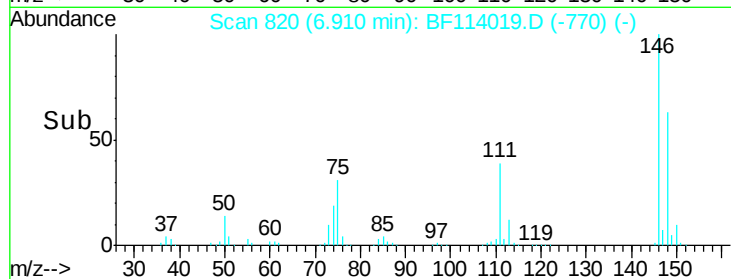
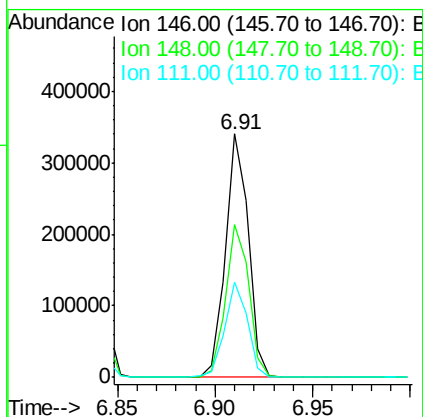
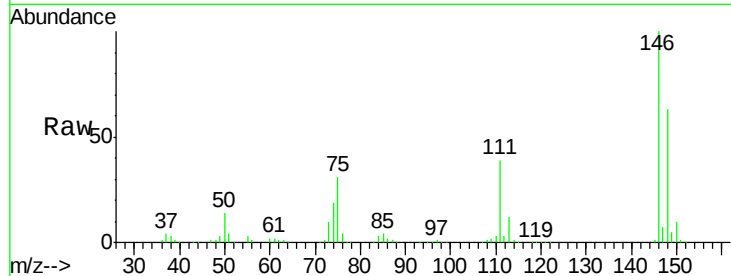




#13
 1,4-Dichlorobenzene
 Concen: 38.974 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

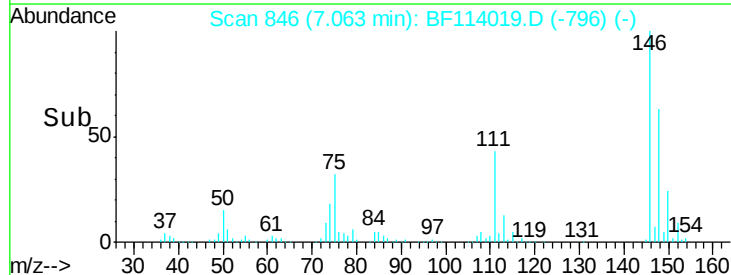
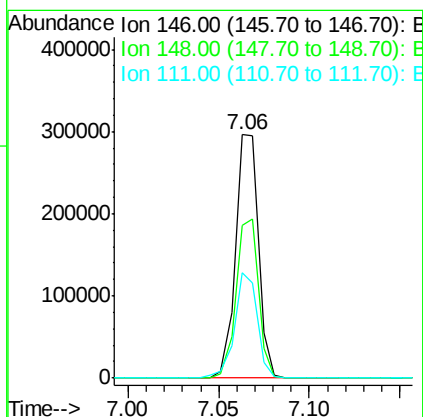
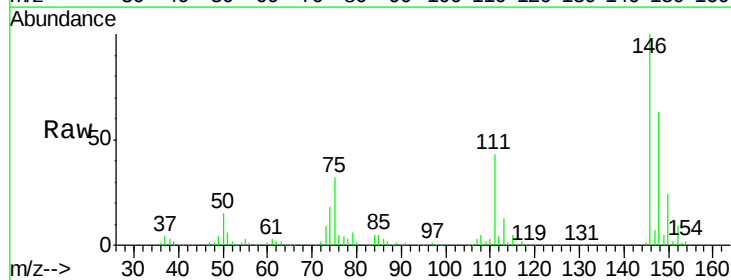
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 276894
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.8 77.8
 111 39.3 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 40.000 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

Tgt Ion:146 Resp: 261172
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.1 78.1
 111 43.1 34.2 51.4





#15

Benzyl Alcohol

Concen: 43.489 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

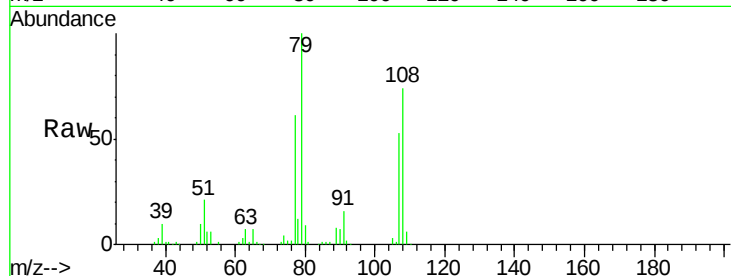
Tot Ion: 79 Resp: 200741

Ion Ratio Lower Upper

79 100

108 74.4 61.4 92.0

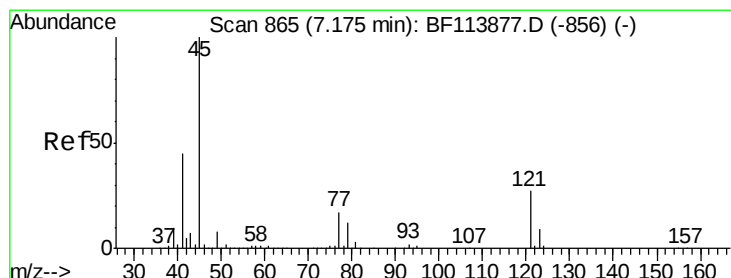
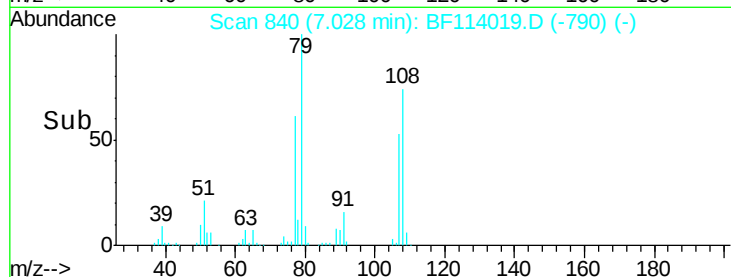
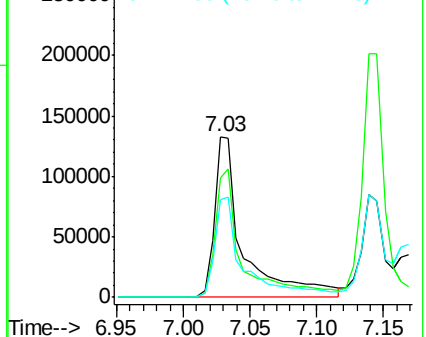
77 60.7 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.308 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

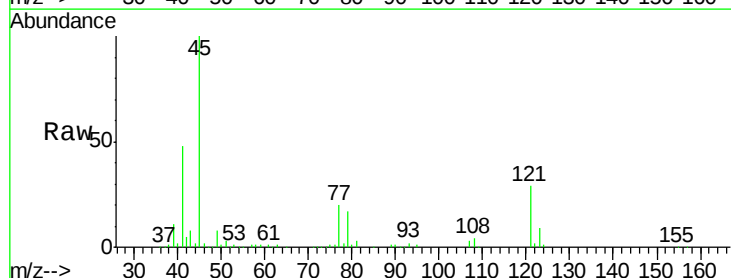
Tgt Ion: 45 Resp: 261387

Ion Ratio Lower Upper

45 100

77 20.4 0.0 37.0

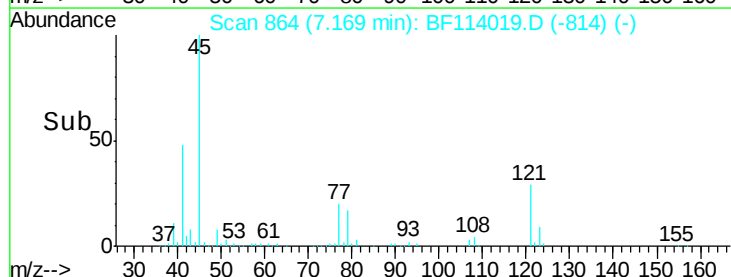
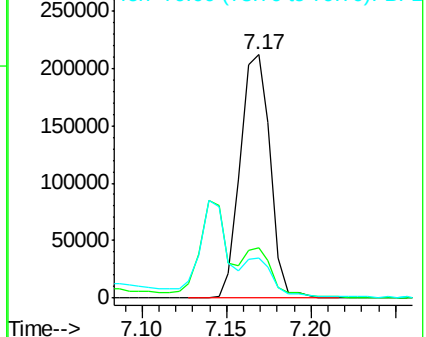
79 16.7 0.0 32.7

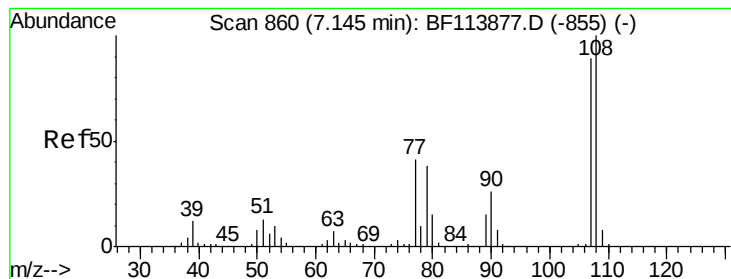


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

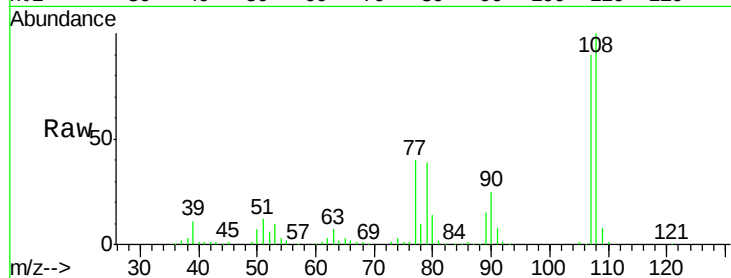




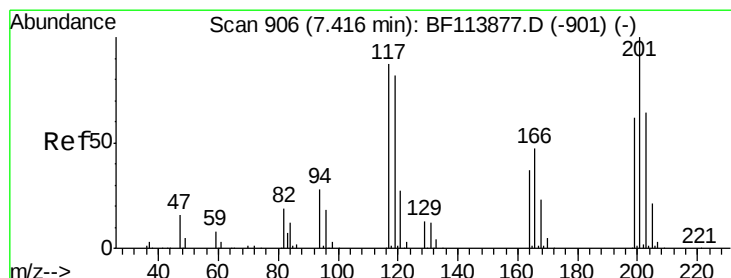
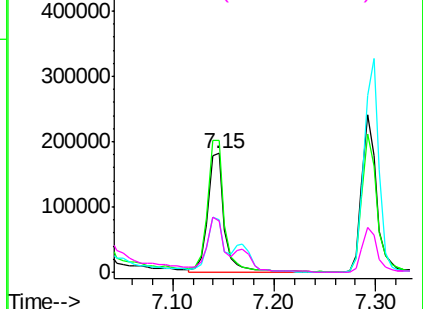
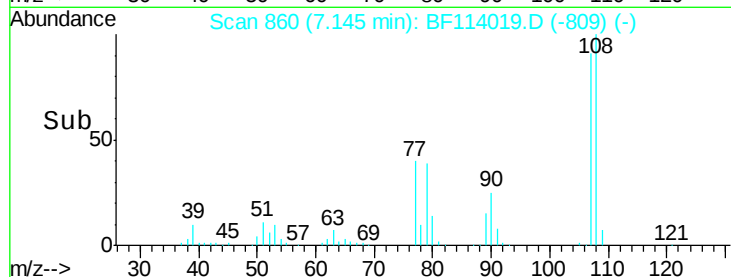
#17
2-Methylphenol
Concen: 37.883 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	91.5	137.3
77	44.0	36.2	54.4
79	43.5	35.4	53.0

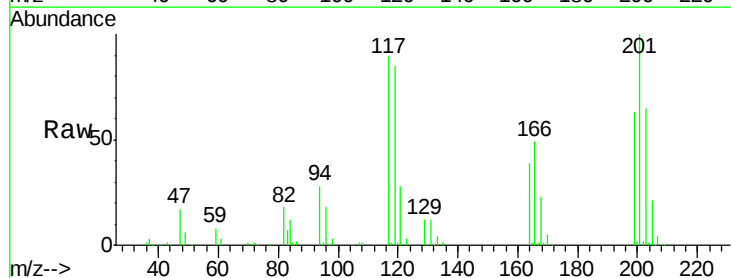


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

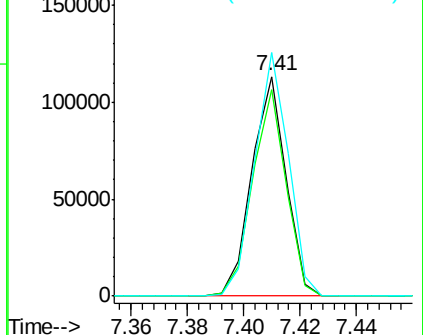
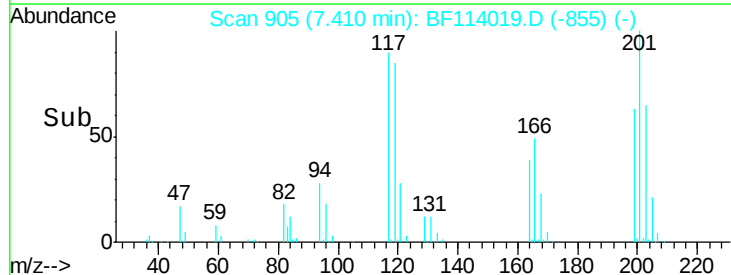


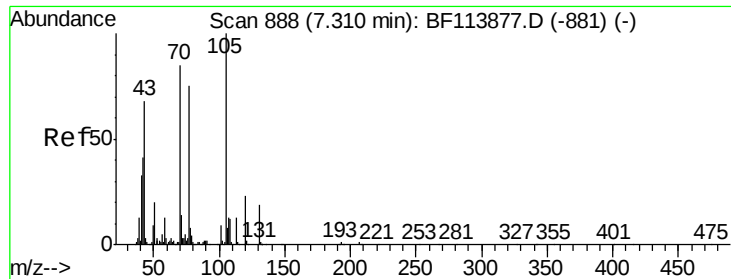
#18
Hexachloroethane
Concen: 38.056 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	74.4	111.6
201	110.8	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

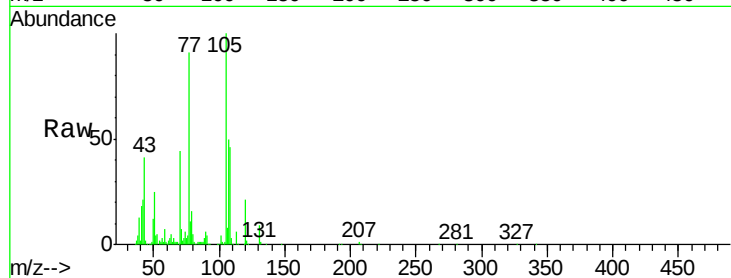




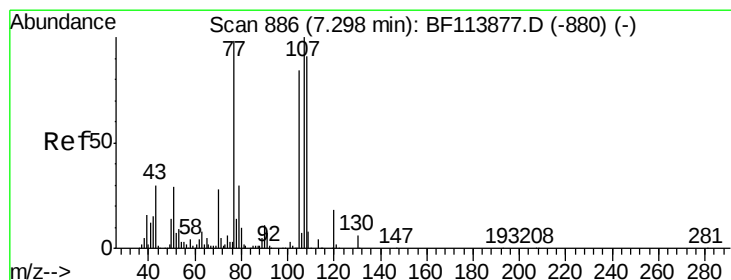
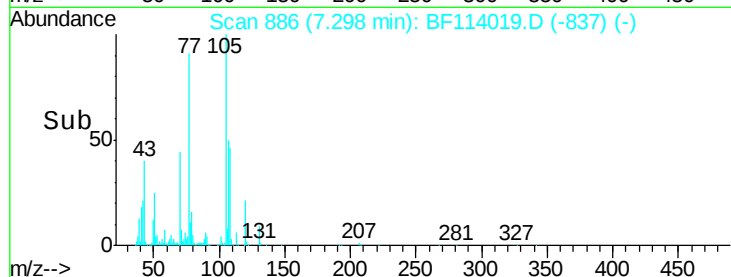
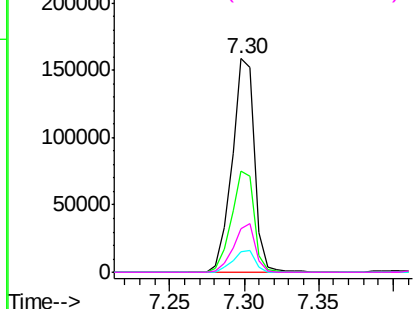
#19
n-Nitroso-di-n-propylamine
Concen: 37.880 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	168125
Ion	Ratio	Lower	Upper
70	100		
42	47.6	37.3	55.9
101	9.6	7.8	11.8
130	20.7	18.2	27.2

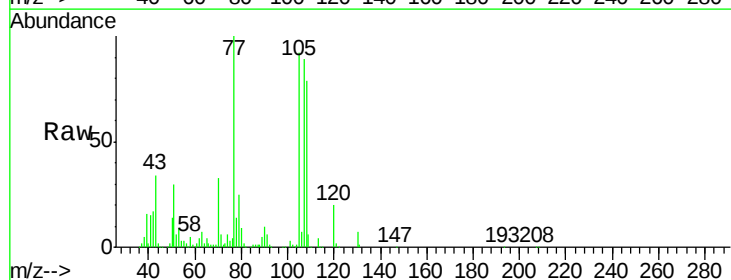


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

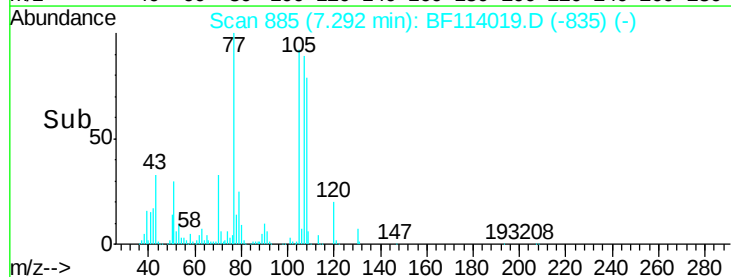
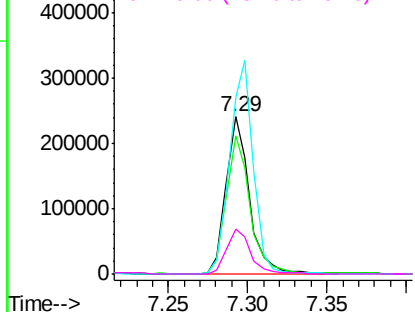


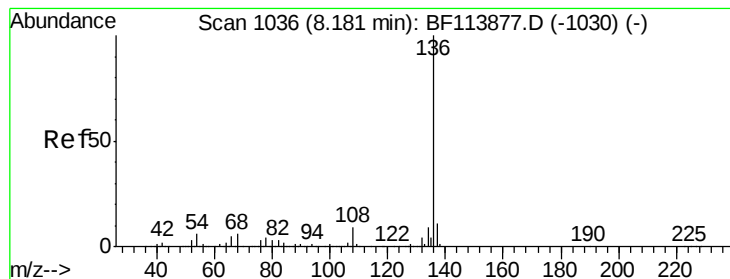
#20
3+4-Methylphenols
Concen: 39.821 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion:	107	Resp:	245963
Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.1	110.1
77	112.2	52.9	92.9
79	28.2	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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 355725

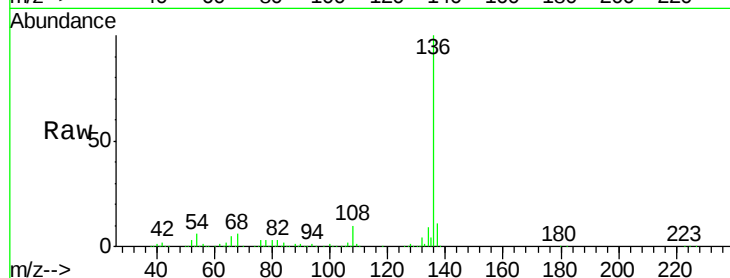
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 6.3 5.0 7.6

68 5.8 4.9 7.3

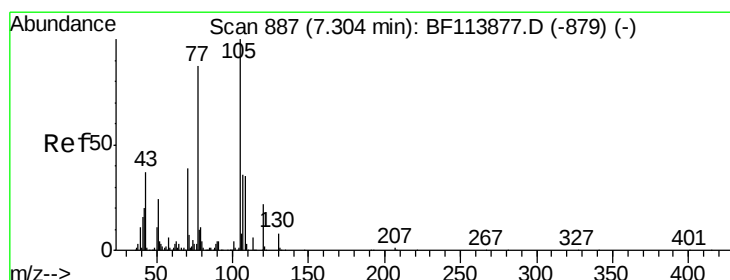
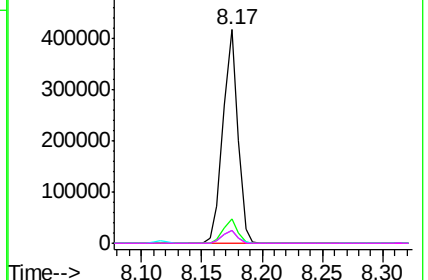
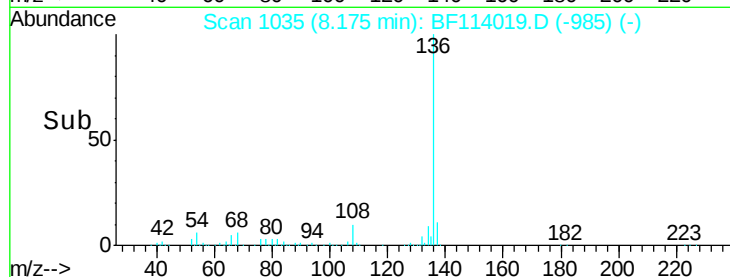


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.336 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Tgt Ion:105 Resp: 335136

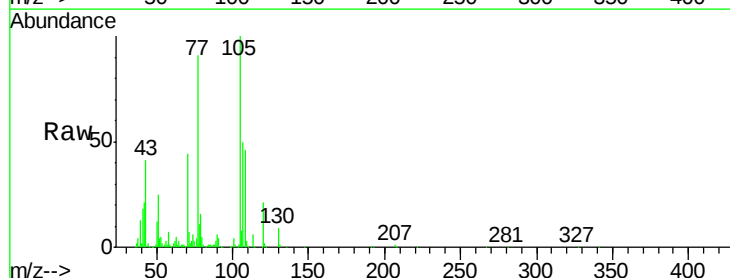
Ion Ratio Lower Upper

105 100

71 7.2 6.1 9.1

51 25.1 16.8 25.2

120 21.3 17.6 26.4

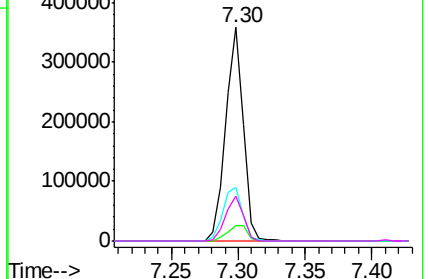
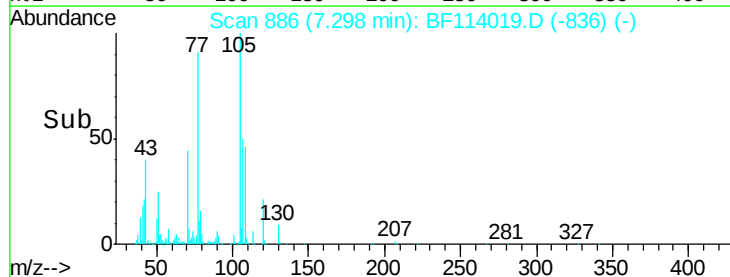


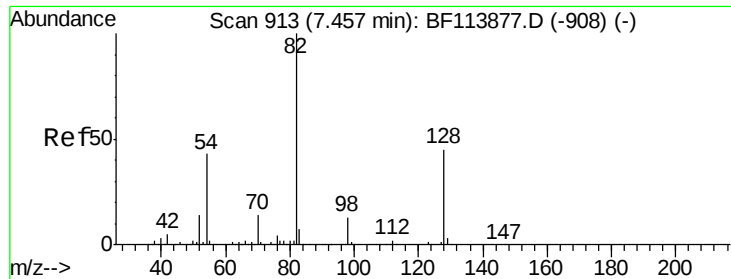
Abundance Ion 105.00 (104.70 to 105.70): E

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

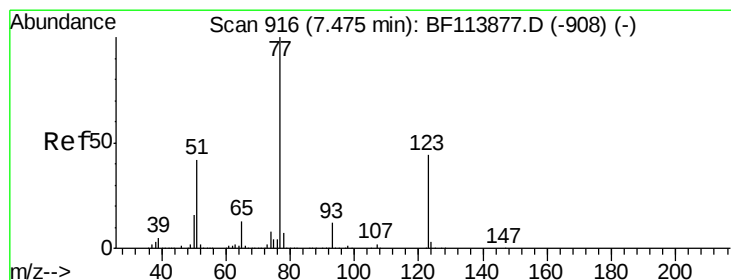
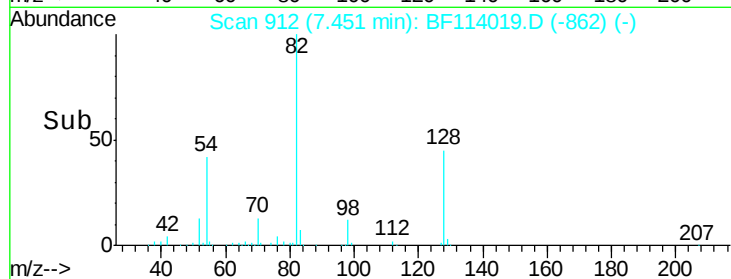
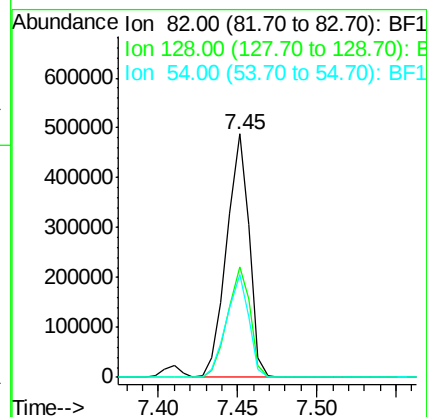
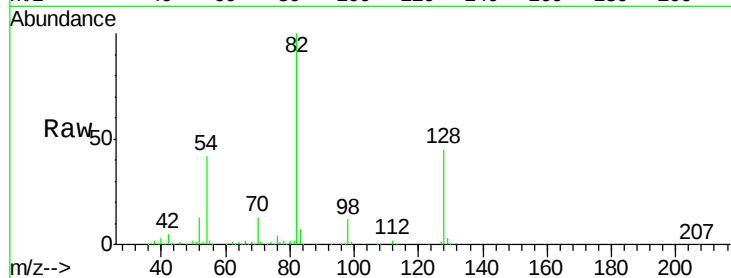




#23
 Nitrobenzene-d5
 Concen: 83.353 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

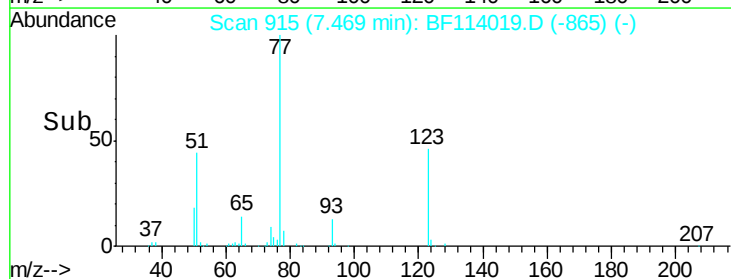
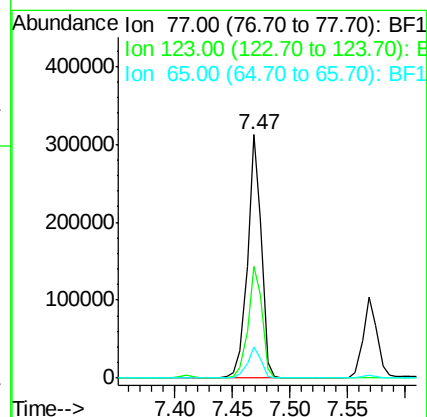
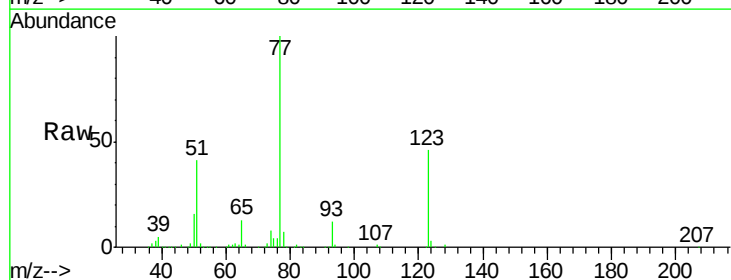
Instrument :
 BNA_F
 ClientSampleId :

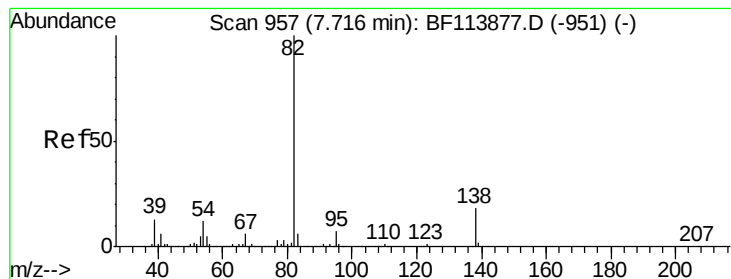
Tot Ion: 82 Resp: 480223
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.8 55.2
 54 42.5 33.8 50.6



#24
 Nitrobenzene
 Concen: 40.666 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

Tgt Ion: 77 Resp: 258879
 Ion Ratio Lower Upper
 77 100
 123 46.0 36.3 54.5
 65 12.8 10.3 15.5





#25

Isophorone

Concen: 39.368 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

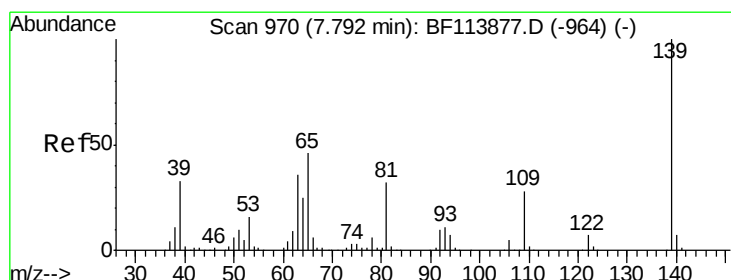
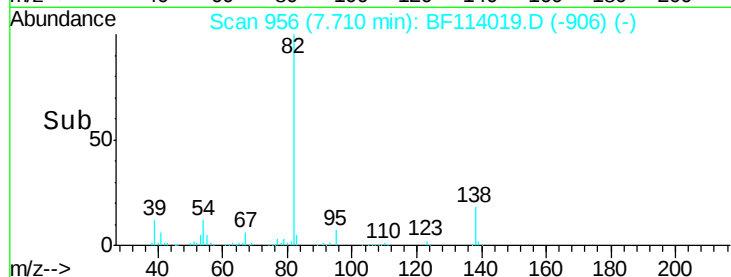
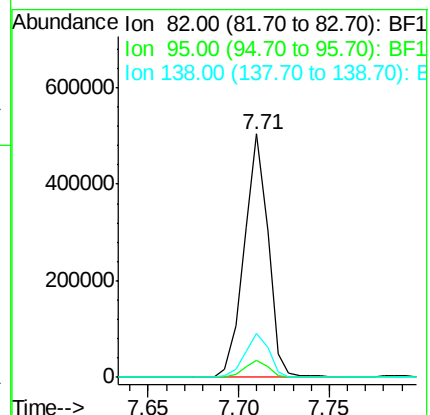
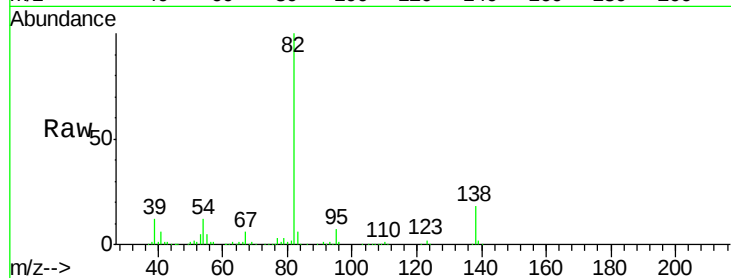
Tot Ion: 82 Resp: 464096

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 18.0 14.6 22.0



#26

2-Nitrophenol

Concen: 43.439 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

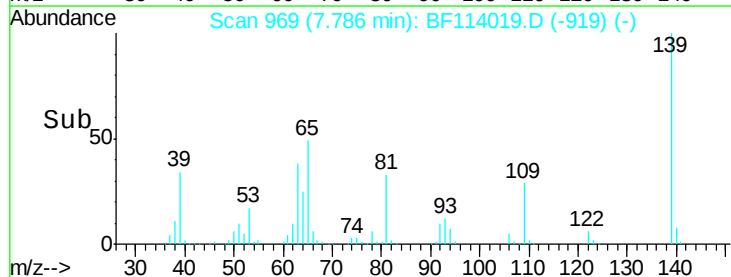
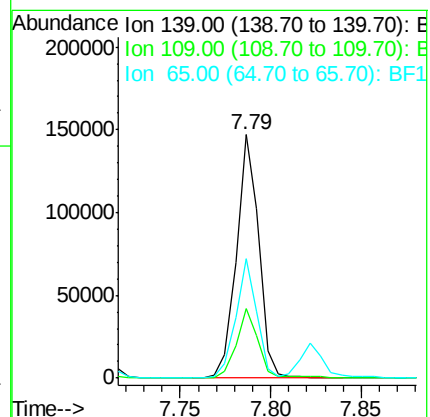
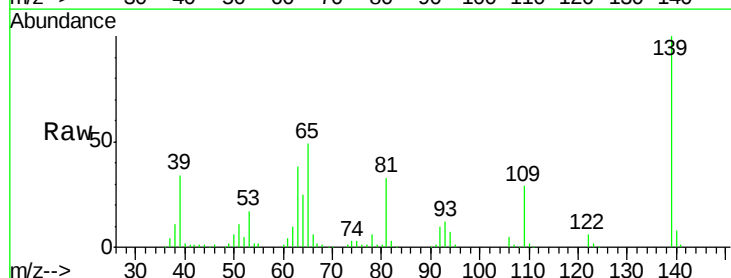
Tgt Ion: 139 Resp: 126155

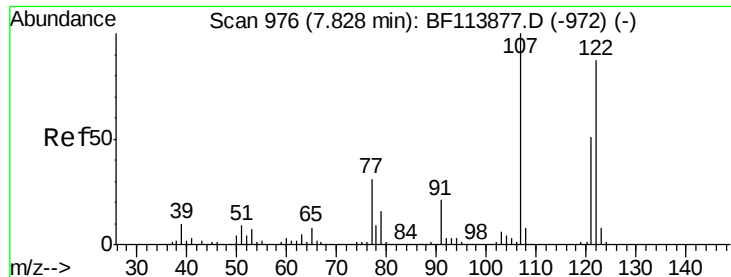
Ion Ratio Lower Upper

139 100

109 28.6 20.6 31.0

65 48.9 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 43.948 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

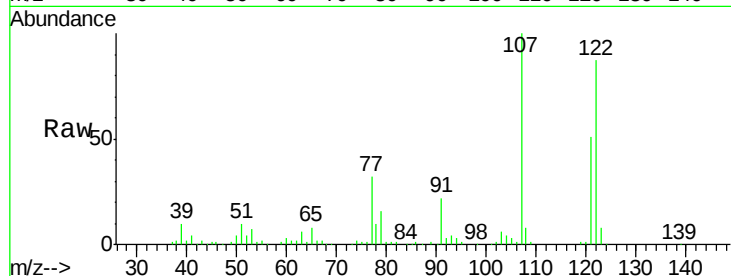
Tot Ion:122 Resp: 207948

Ion Ratio Lower Upper

122 100

107 114.7 91.2 136.8

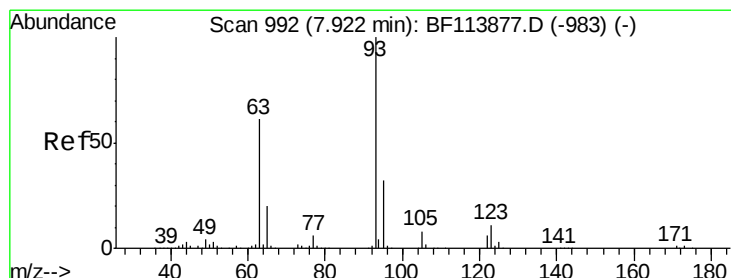
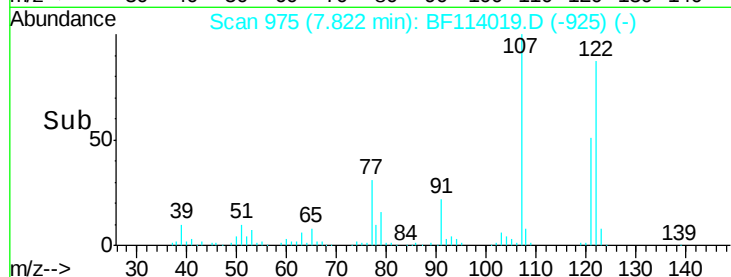
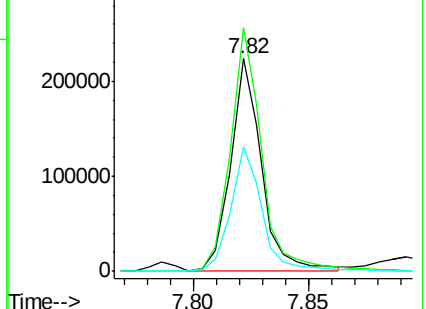
121 58.4 46.4 69.6



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: 39.675 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

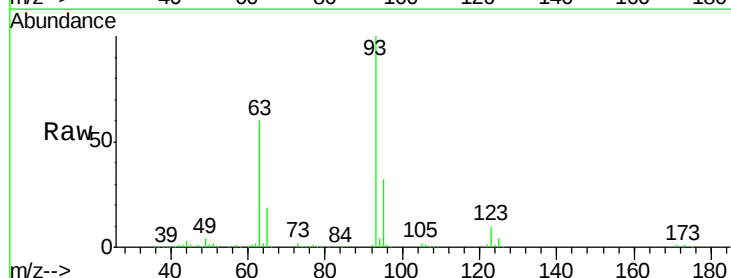
Tgt Ion: 93 Resp: 298036

Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.6

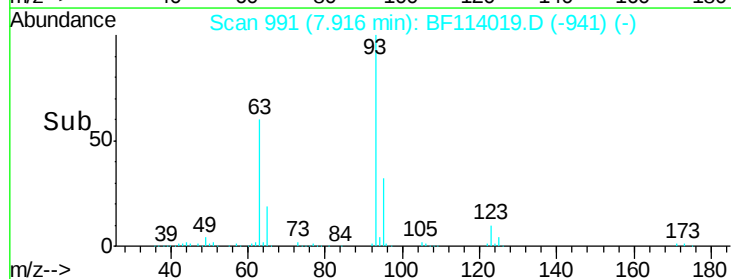
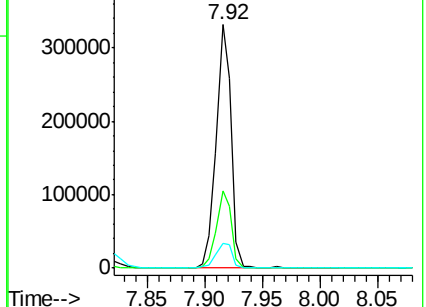
123 10.3 9.0 13.6

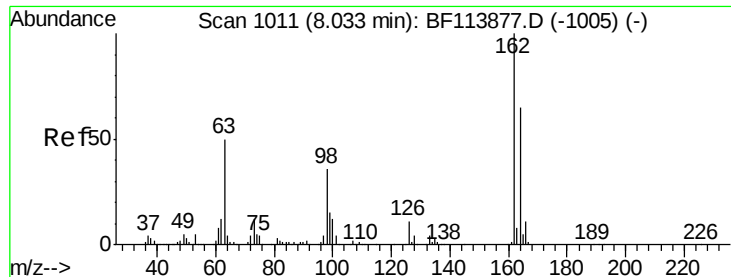


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

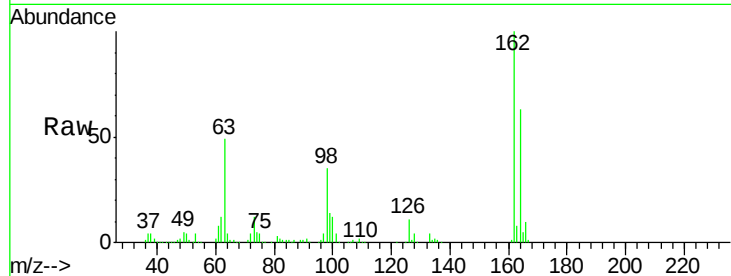




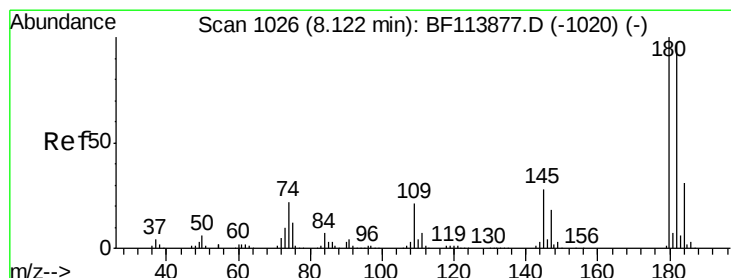
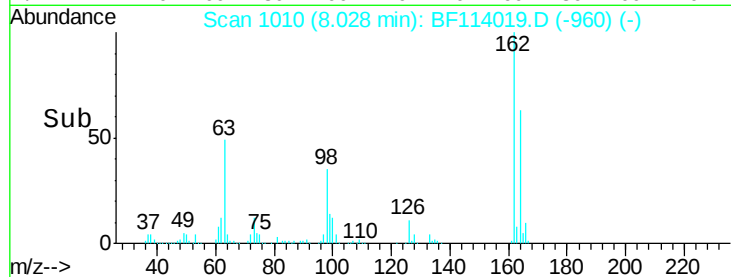
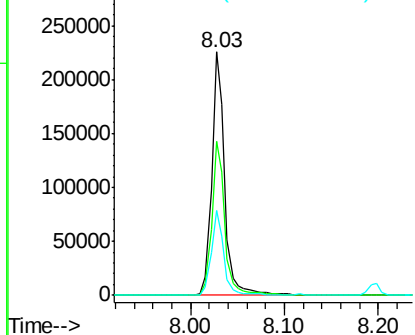
#29
2,4-Dichlorophenol
Concen: 40.834 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 220945
Ion Ratio Lower Upper
162 100
164 63.1 43.7 83.7
98 35.0 15.5 55.5

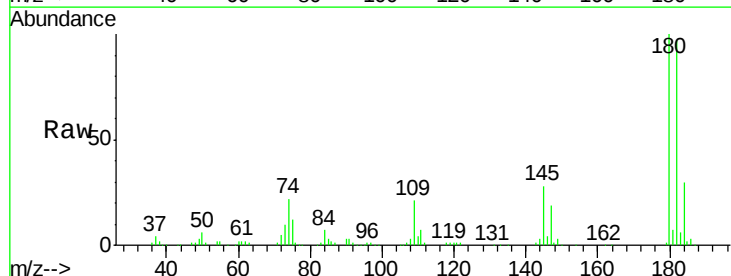


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

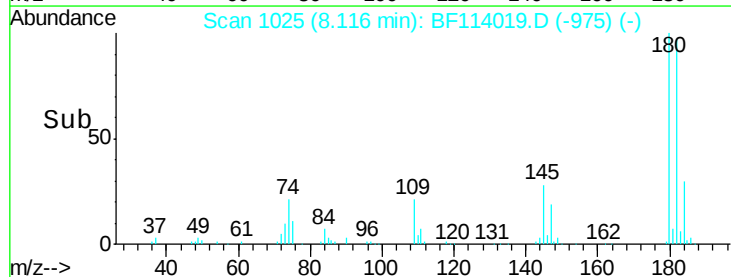
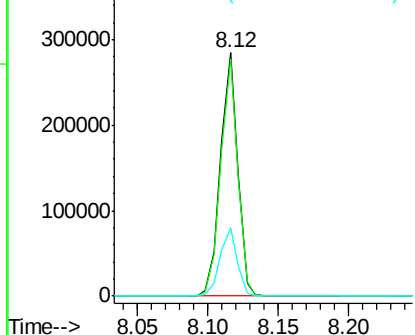


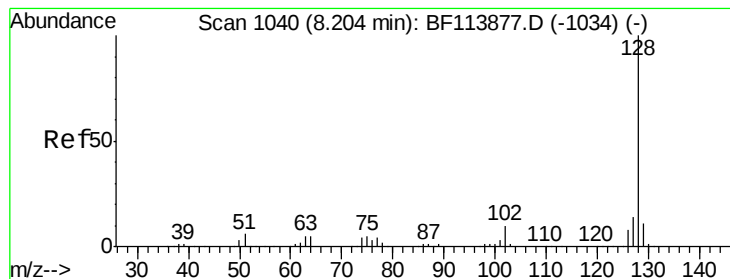
#30
1,2,4-Trichlorobenzene
Concen: 40.358 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion:180 Resp: 243488
Ion Ratio Lower Upper
180 100
182 97.3 75.4 113.0
145 28.0 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: 41.531 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

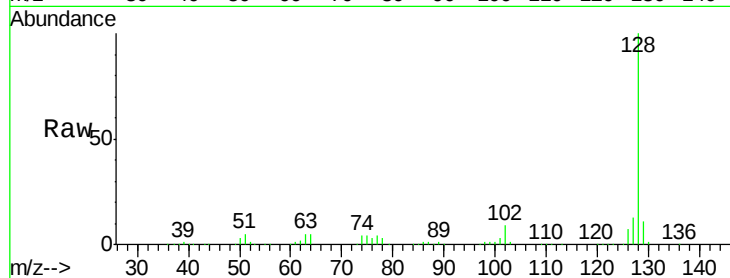
Tot Ion:128 Resp: 701834

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.0

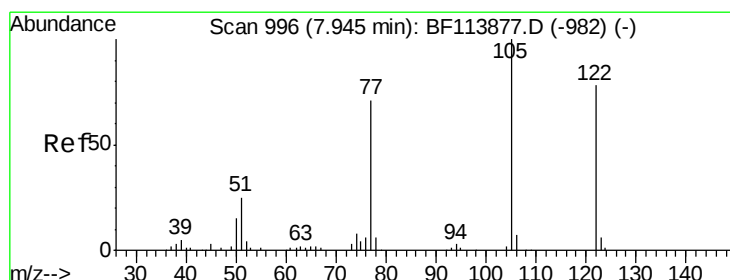
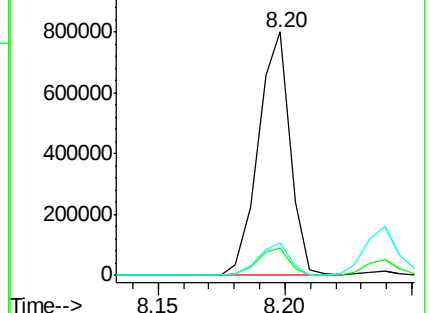
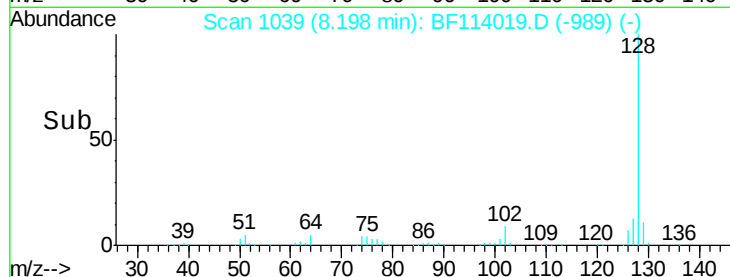
127 13.1 10.8 16.2



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: 10.278 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.05 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

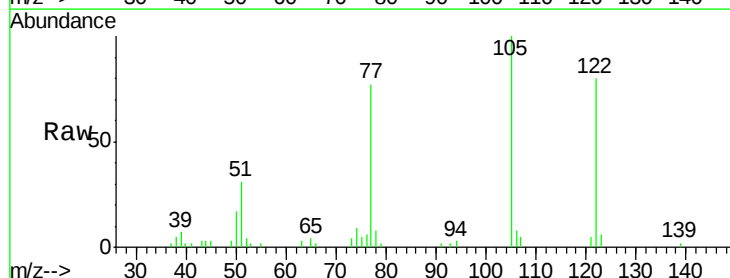
Tgt Ion:122 Resp: 32843

Ion Ratio Lower Upper

122 100

105 125.6 104.3 144.3

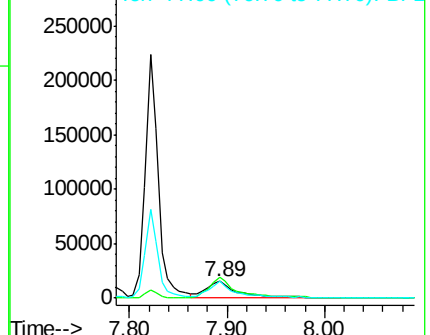
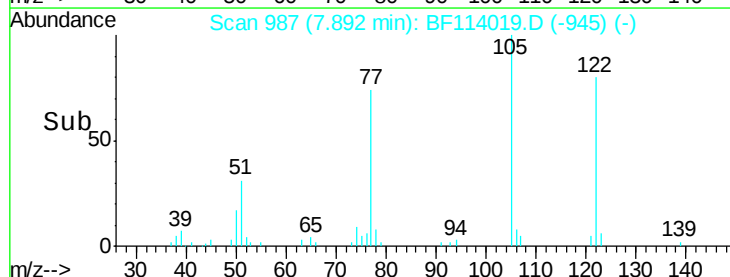
77 97.1 70.4 110.4

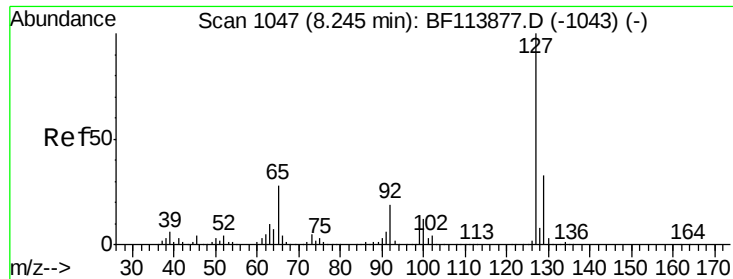


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

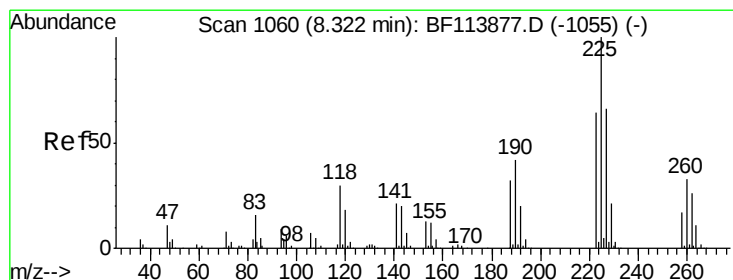
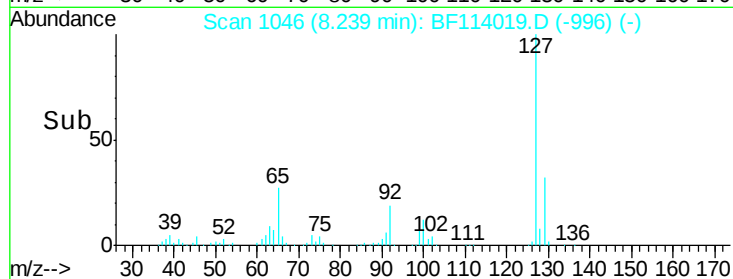
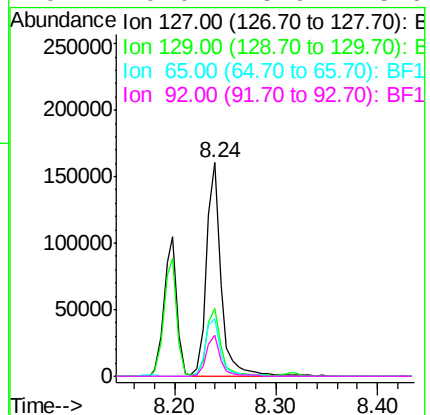
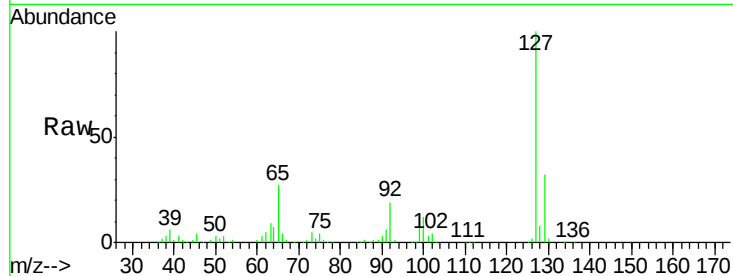




#33
4-Chloroaniline
Concen: 22.335 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

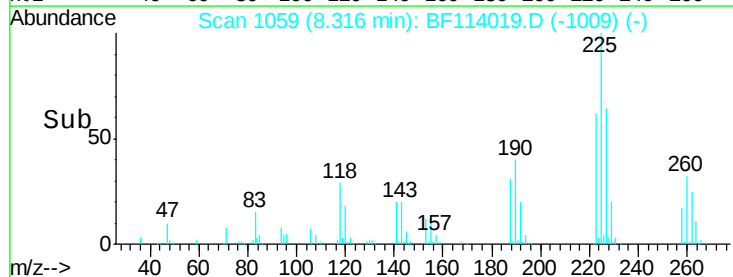
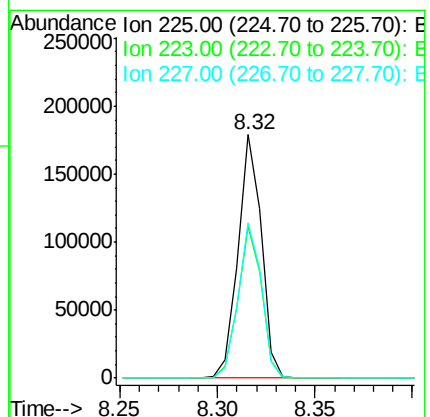
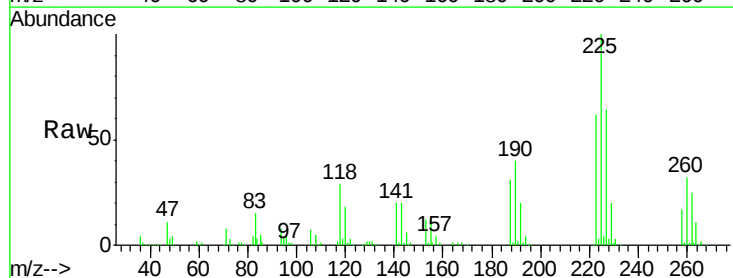
Instrument :
BNA_F
ClientSampled :

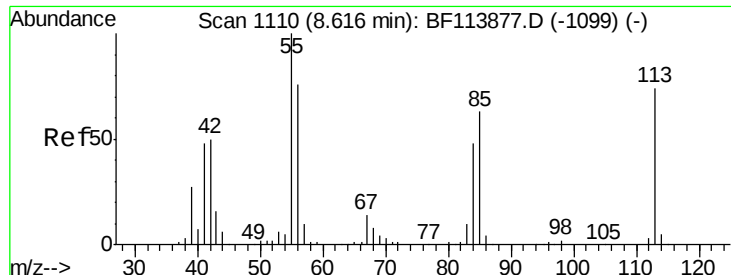
Tot Ion:127	Resp:	159707
Ion Ratio	Lower	Upper
127	100	
129	31.7	26.4 39.6
65	27.2	24.9 37.3
92	19.0	15.9 23.9



#34
Hexachlorobutadiene
Concen: 39.502 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion:225	Resp:	148567
Ion Ratio	Lower	Upper
225	100	
223	62.1	51.1 76.7
227	63.6	49.9 74.9





#35

Caprolactam

Concen: 31.487 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.03 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

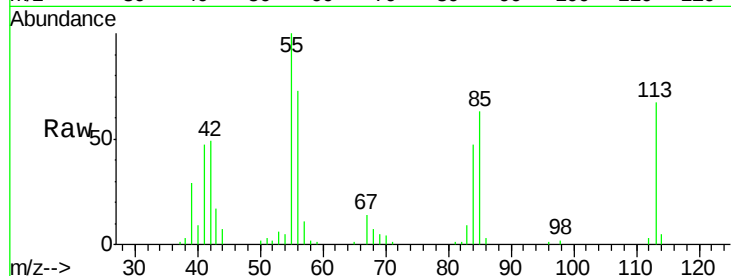
Tot Ion:113 Resp: 54196

Ion Ratio Lower Upper

113 100

55 149.6 128.6 168.6

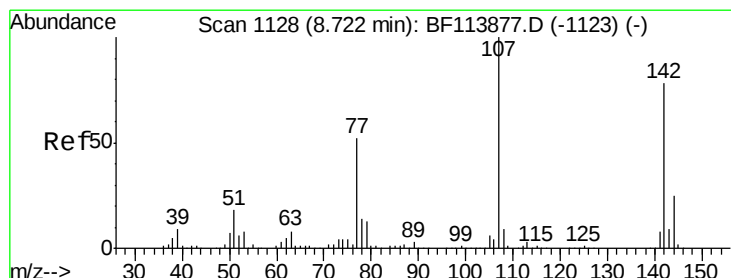
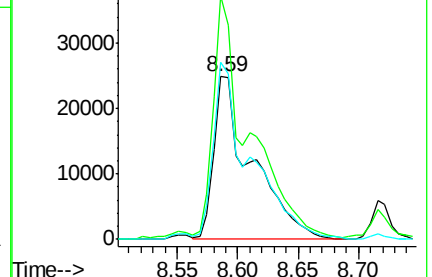
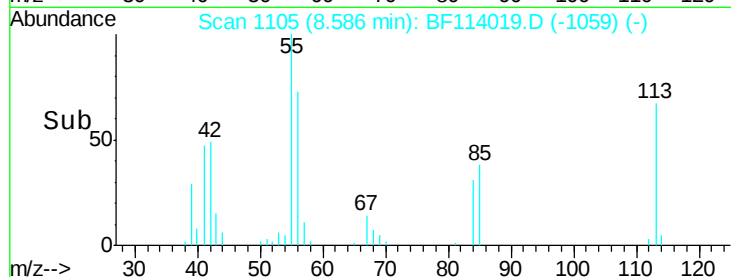
56 109.1 91.9 131.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.919 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

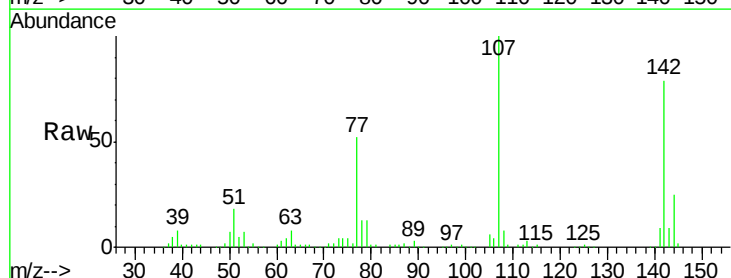
Tgt Ion:107 Resp: 213993

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

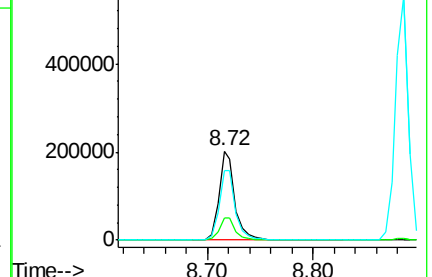
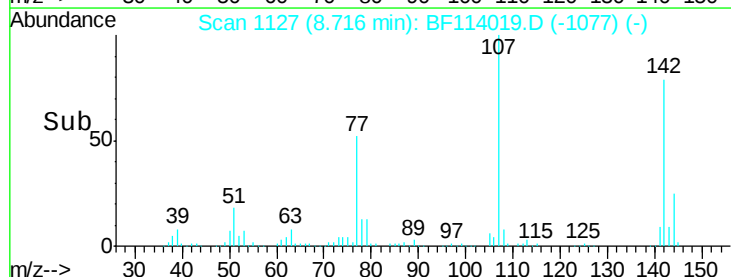
142 78.5 64.2 96.4

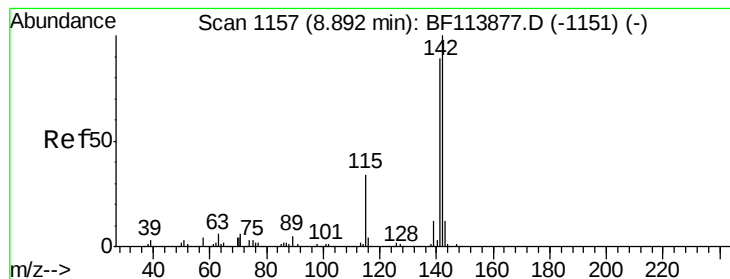


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.122 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

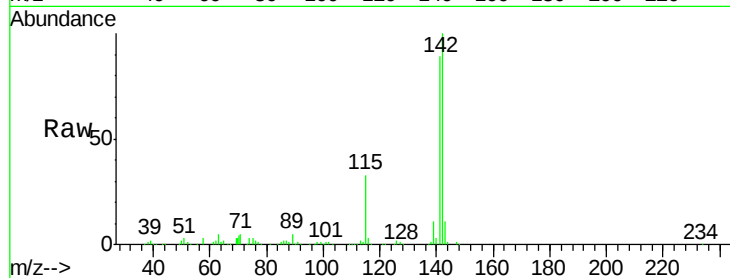
Tot Ion:142 Resp: 480007

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6

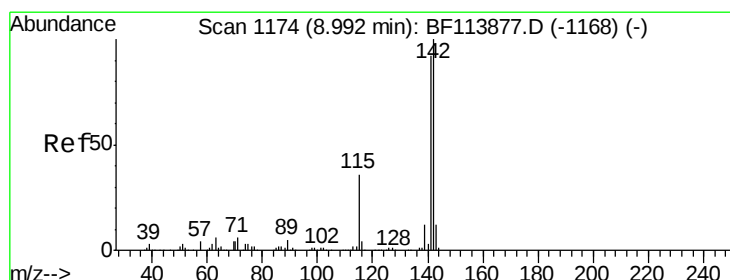
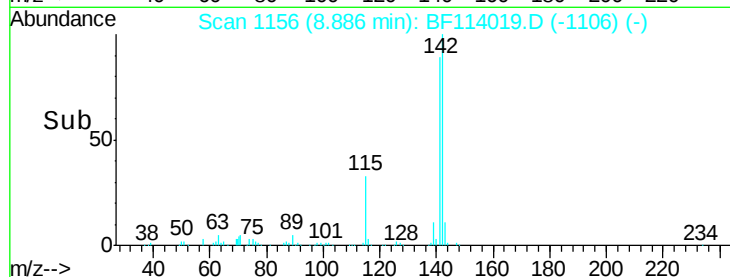
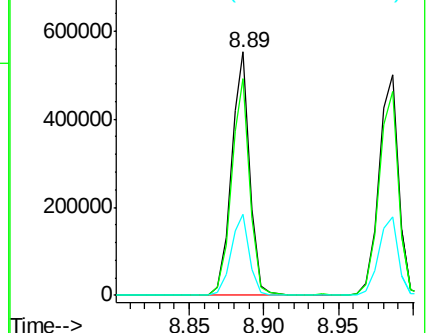
115 33.2 26.3 39.5



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: 40.710 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

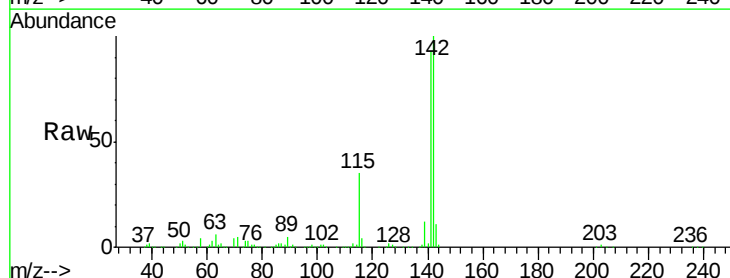
Tgt Ion:142 Resp: 447755

Ion Ratio Lower Upper

142 100

141 92.6 72.3 108.5

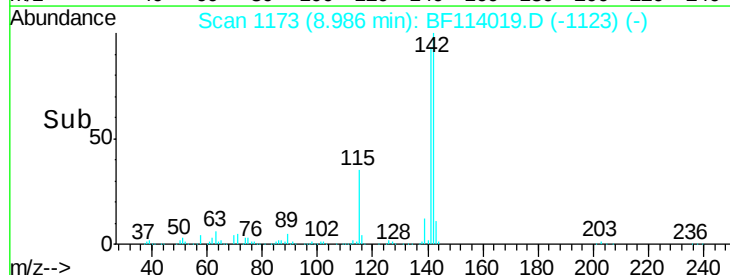
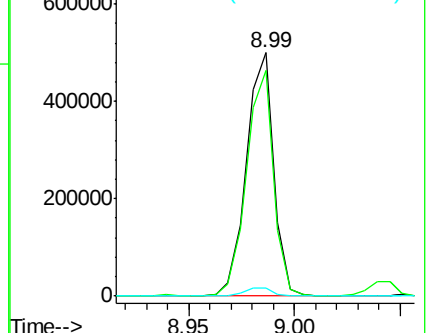
116 3.5 3.0 4.4

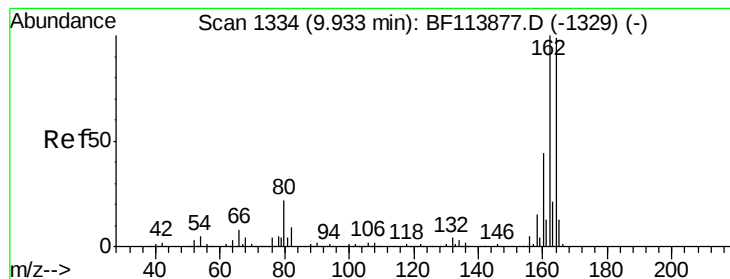


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1333

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

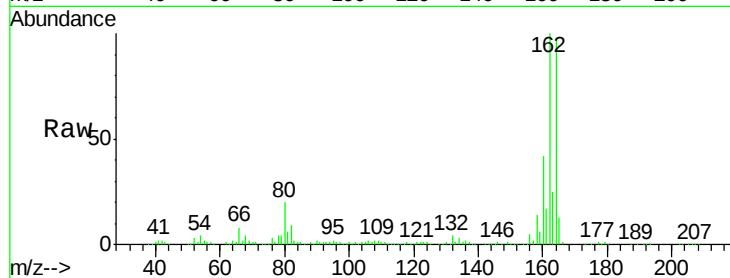
Tot Ion:164 Resp: 180489

Ion Ratio Lower Upper

164 100

162 102.8 81.1 121.7

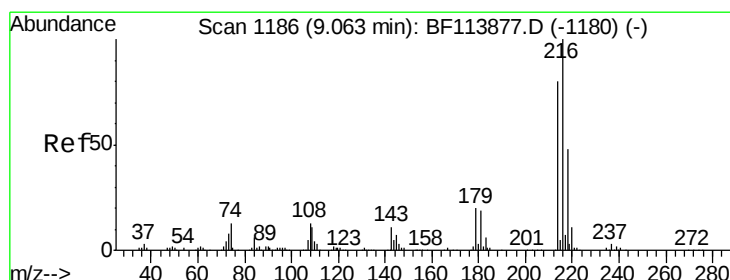
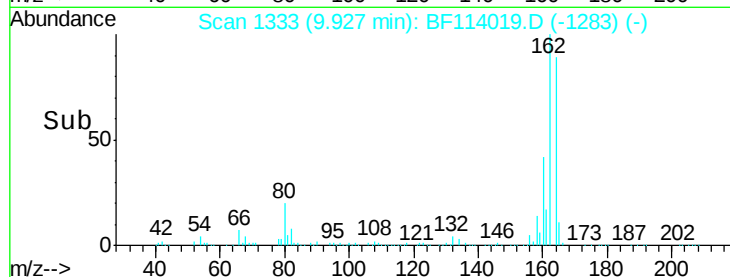
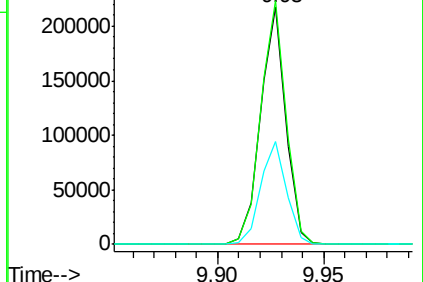
160 43.4 35.8 53.6



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: 41.851 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Tgt Ion:216 Resp: 245367

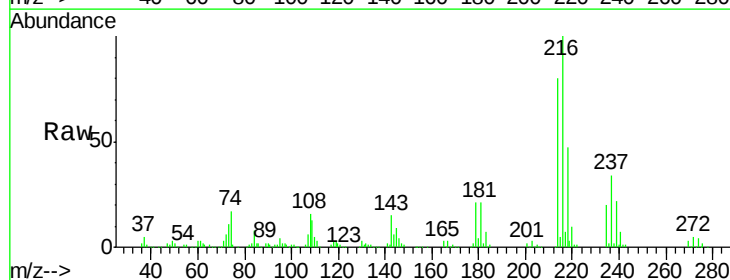
Ion Ratio Lower Upper

216 100

214 79.2 63.5 95.3

179 20.5 16.1 24.1

108 17.6 13.4 20.0

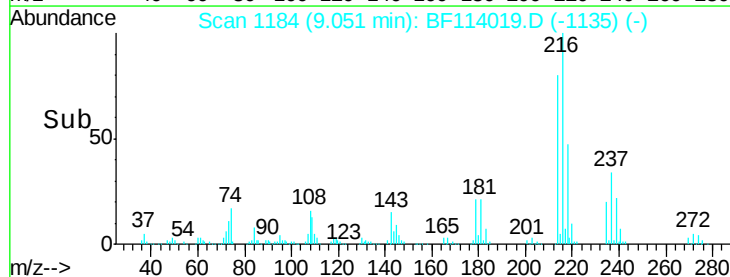
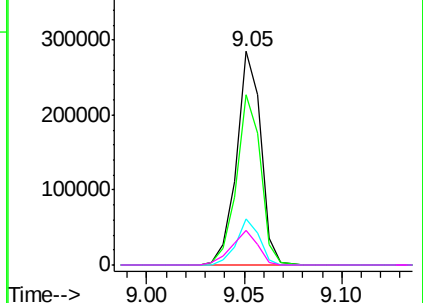


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.827 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

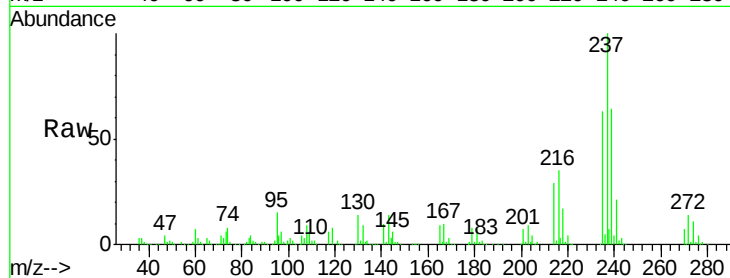
Tot Ion:237 Resp: 264254

Ion Ratio Lower Upper

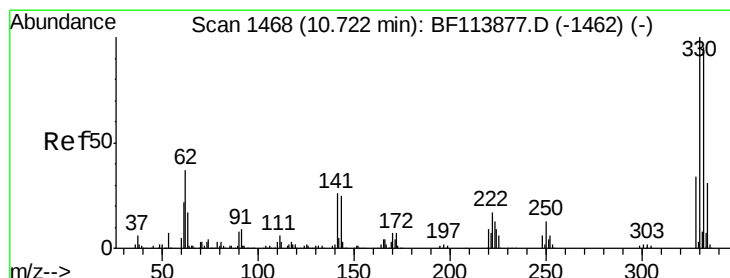
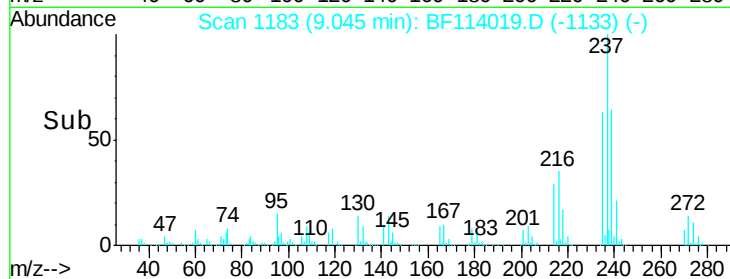
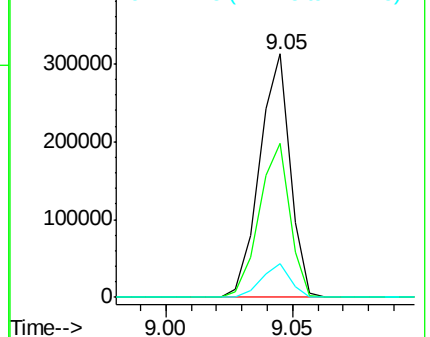
237 100

235 63.2 42.6 82.6

272 13.6 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 105.565 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

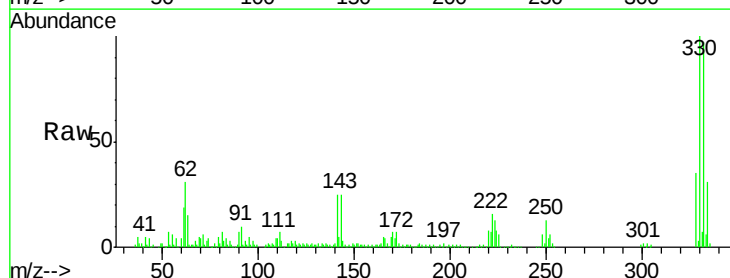
Tgt Ion:330 Resp: 232109

Ion Ratio Lower Upper

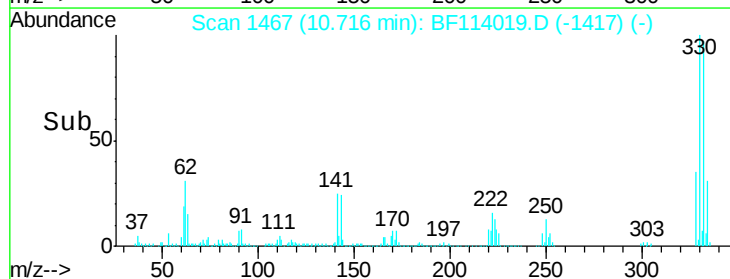
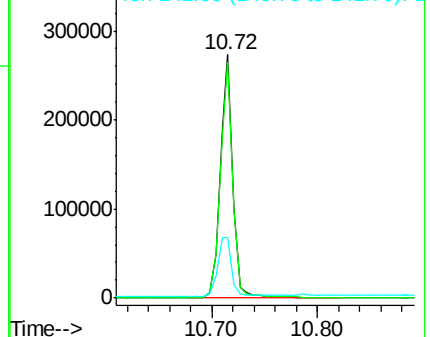
330 100

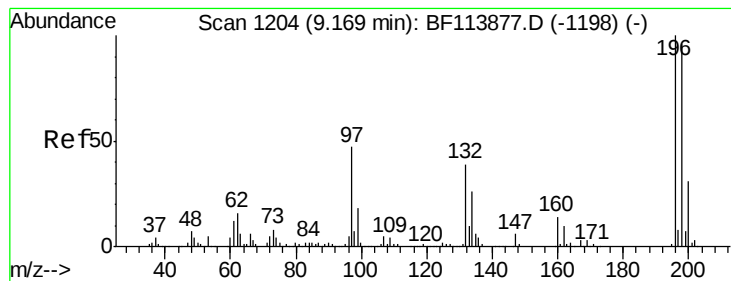
332 97.8 77.5 116.3

141 28.9 22.2 33.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.165 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

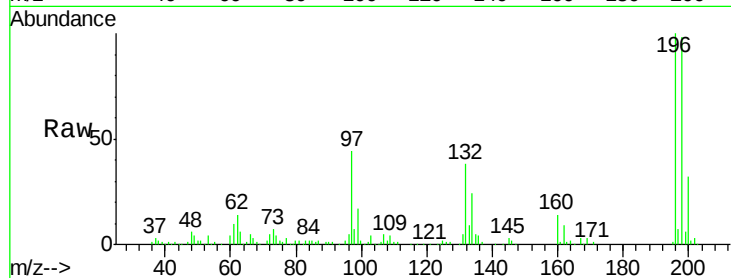
Tot Ion:196 Resp: 156977

Ion Ratio Lower Upper

196 100

198 98.2 75.6 113.4

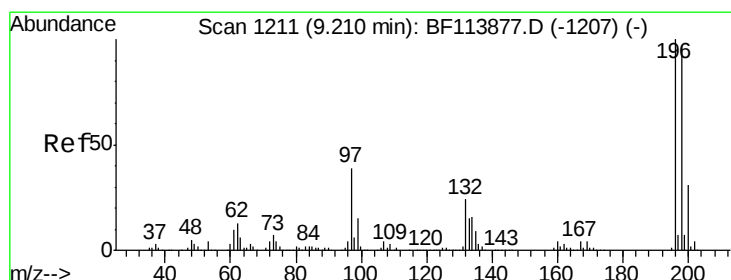
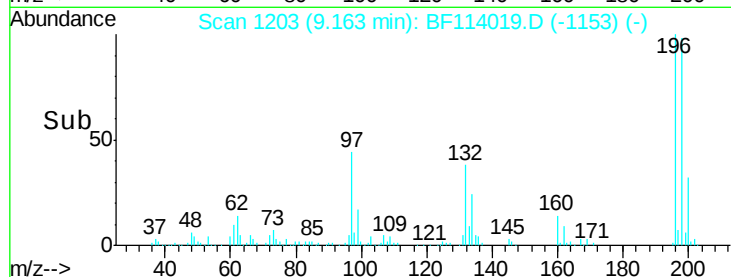
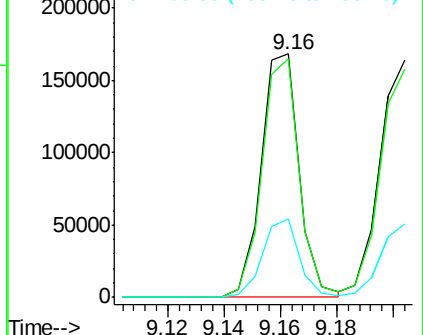
200 32.0 24.7 37.1



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: 40.974 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Tgt Ion:196 Resp: 171098

Ion Ratio Lower Upper

196 100

198 95.9 76.2 114.4

97 39.4 35.8 53.8

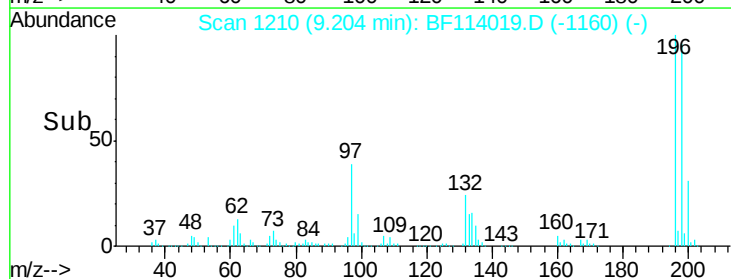
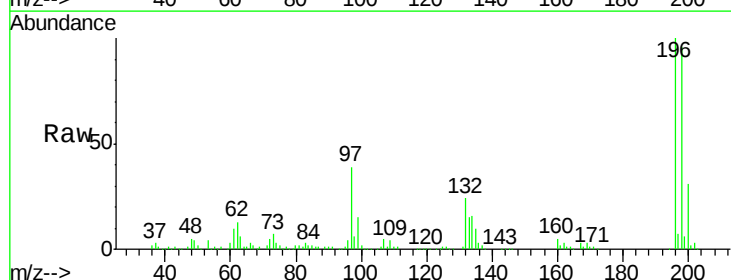
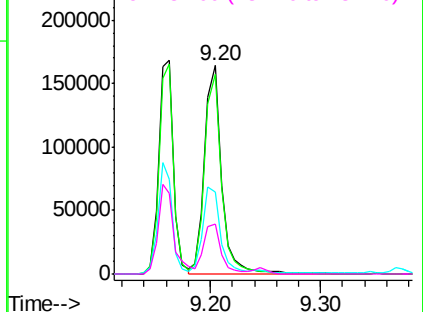
132 24.1 20.9 31.3

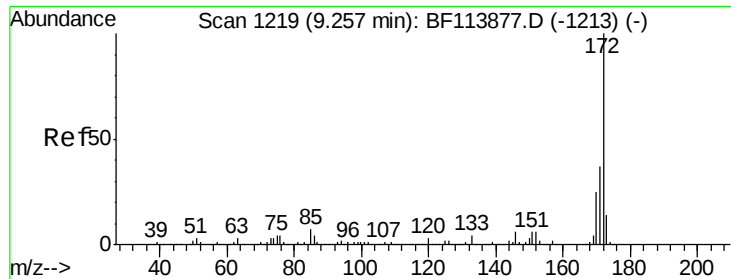
Abundance Ion 196.00 (195.70 to 196.70): E

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

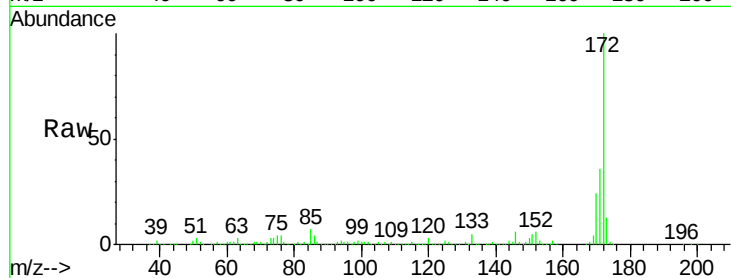




#45
2-Fluorobiphenyl
Concen: 84.035 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.4	19.9	29.9

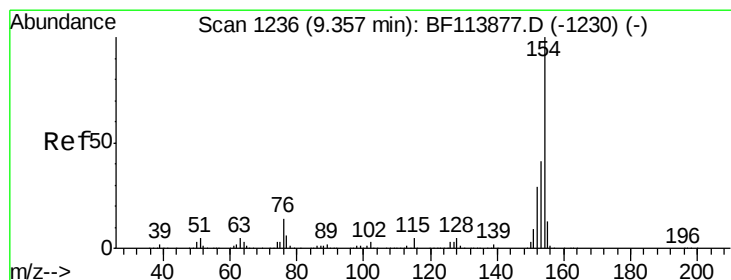
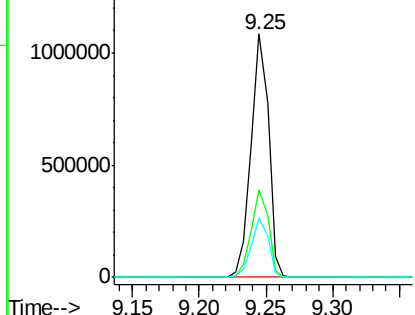
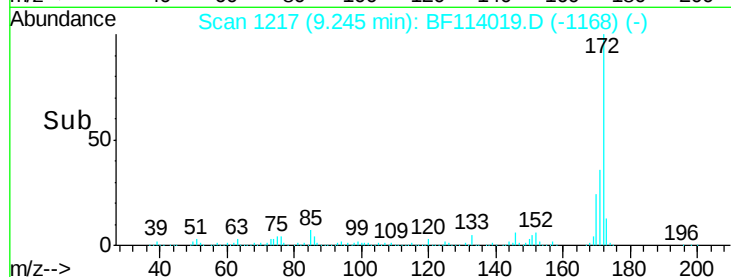


Abundance

Ion 172.00 (171.70 to 172.70): E

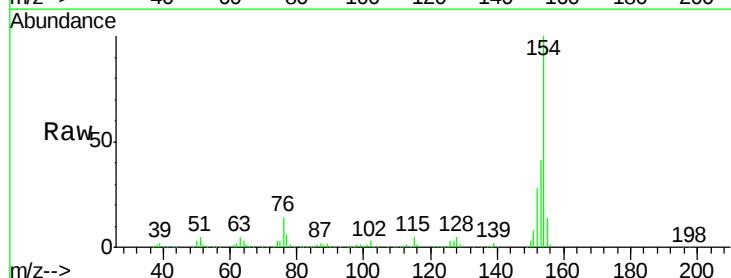
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.857 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.8	60.8
76	14.1	0.0	35.2

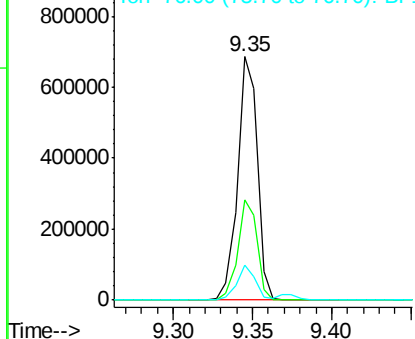
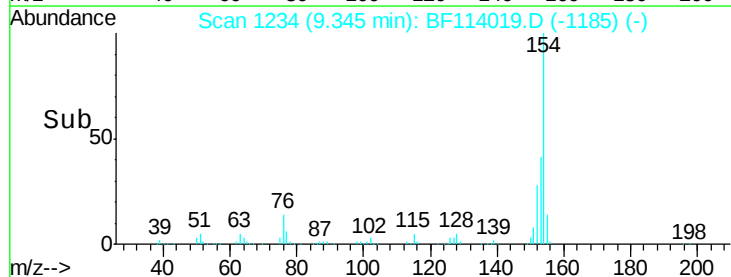


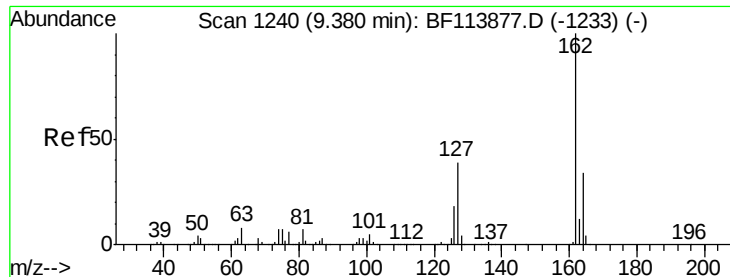
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

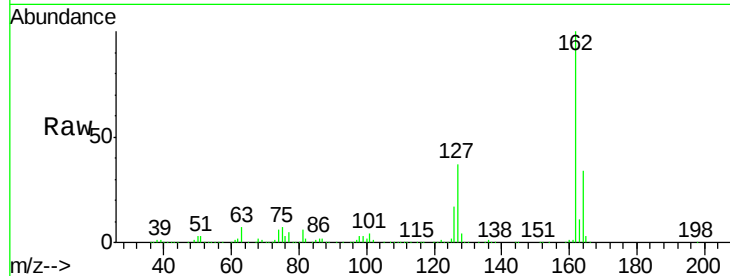




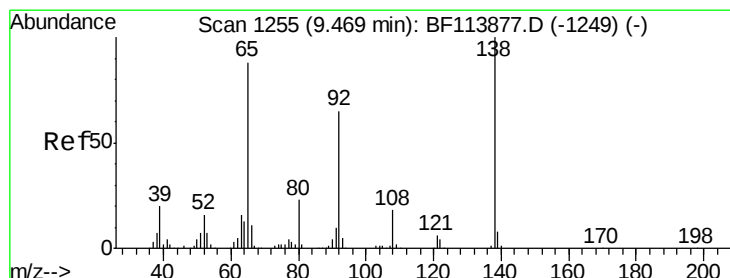
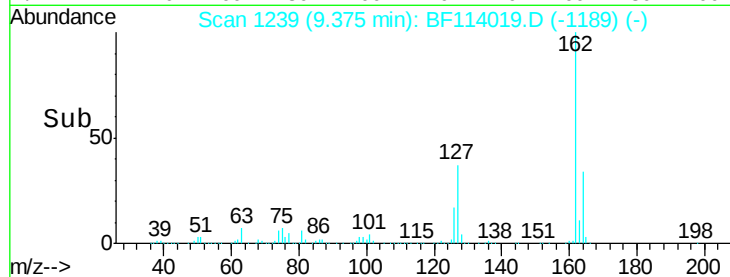
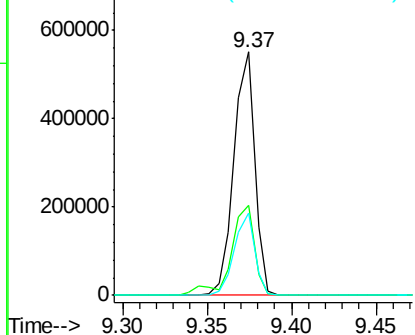
#47
 2-Chloronaphthalene
 Concen: 42.097 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	29.3	43.9
164	33.7	27.1	40.7

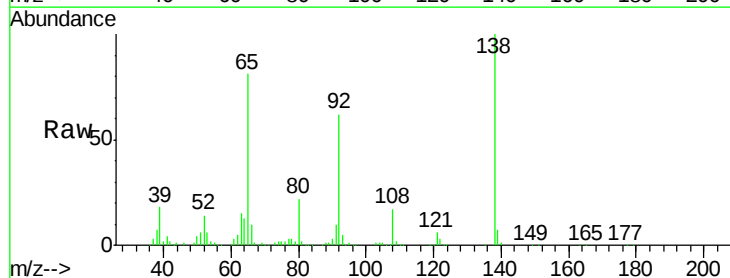


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

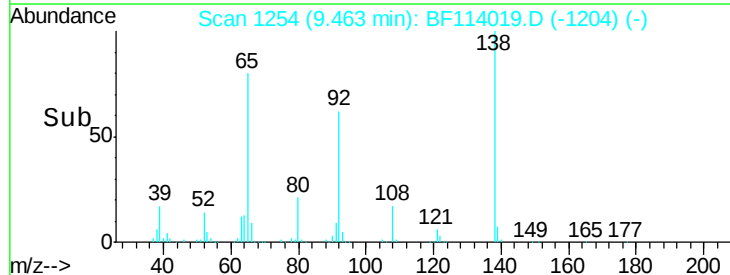
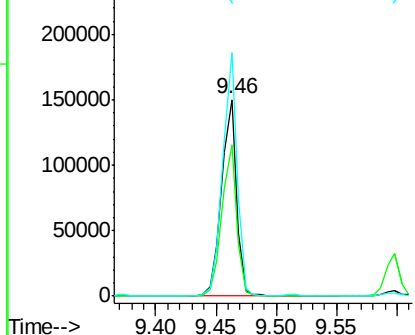


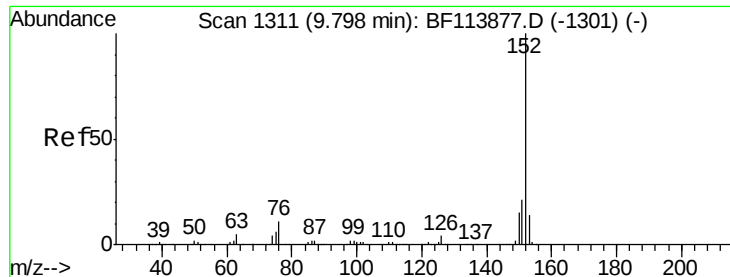
#48
 2-Nitroaniline
 Concen: 43.796 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.4	57.4	86.0
138	124.0	85.4	128.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.894 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

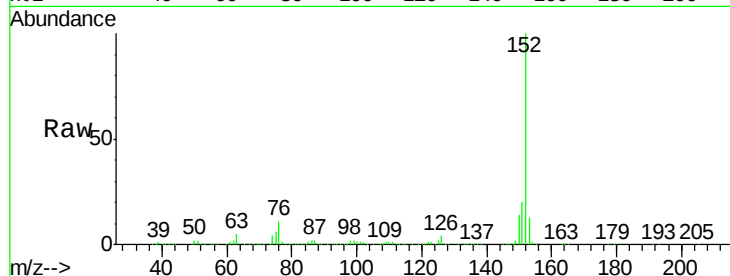
Tot Ion:152 Resp: 717834

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.4

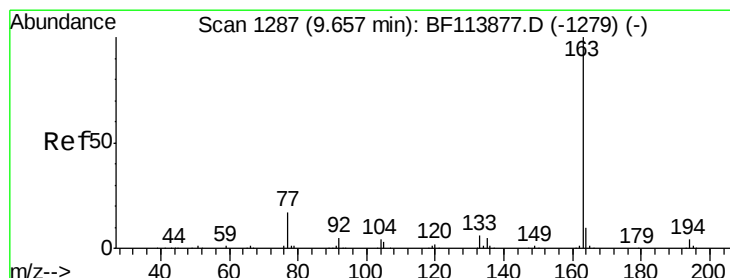
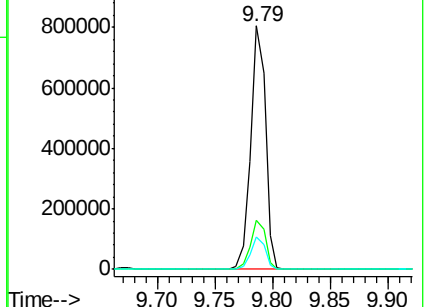
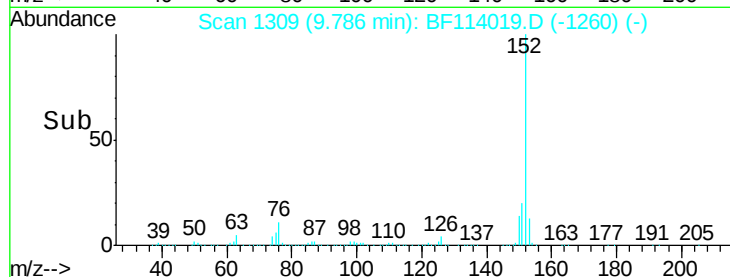
153 13.3 11.0 16.6



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: 49.121 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

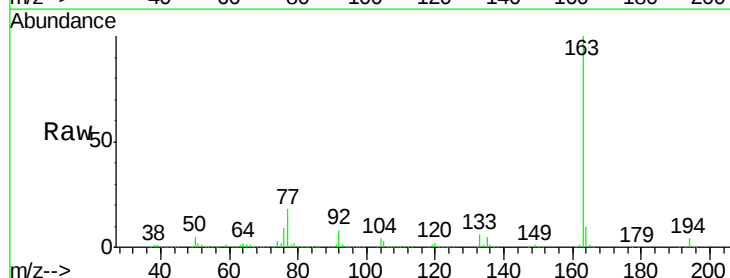
Tgt Ion:163 Resp: 641185

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

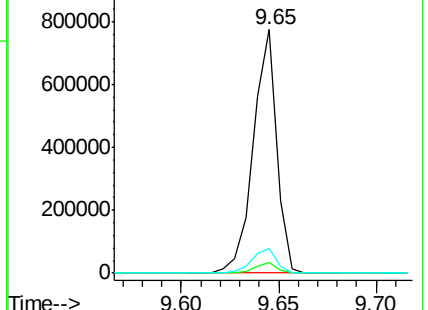
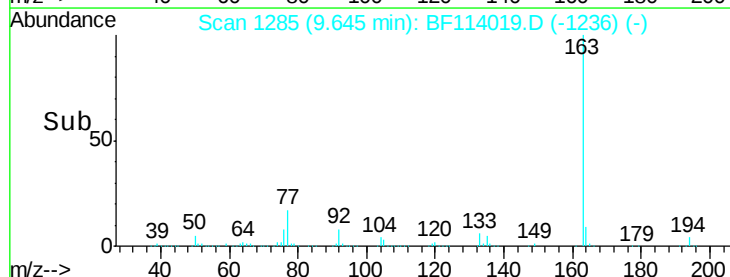
164 10.1 8.5 12.7

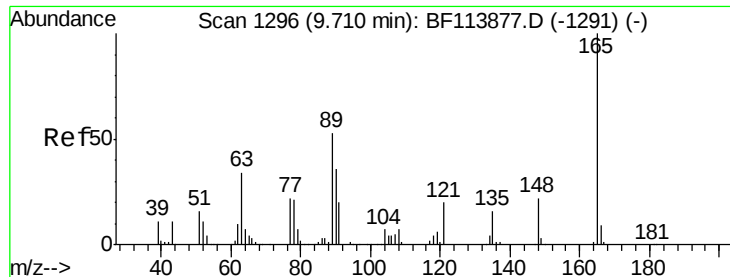


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

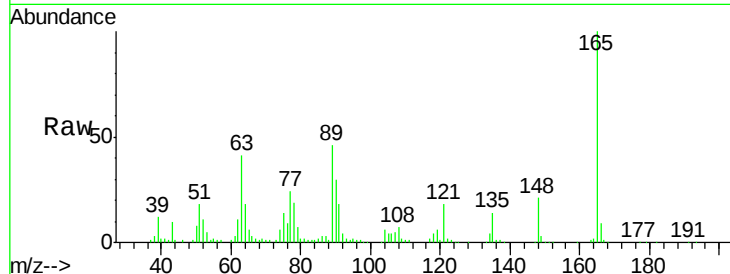




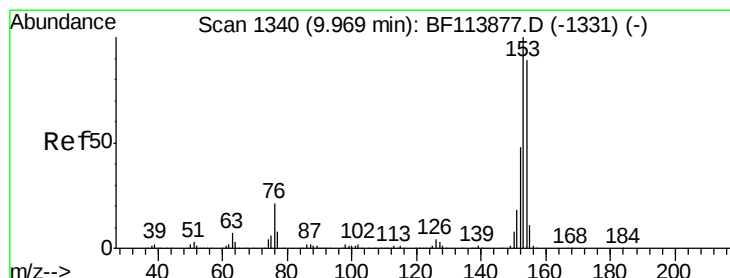
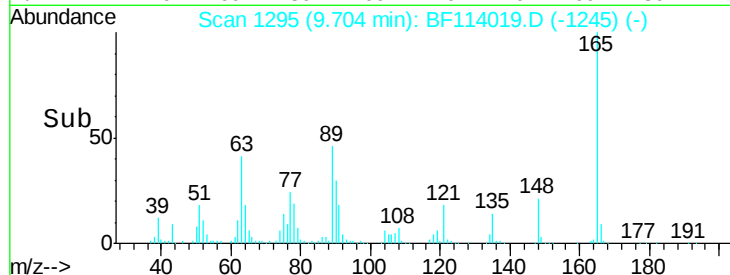
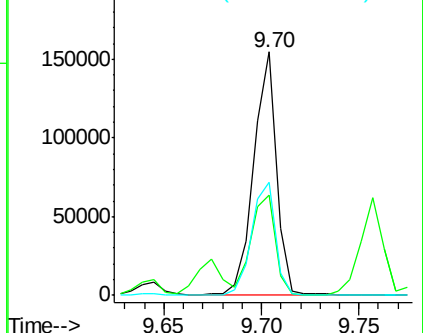
#51
 2,6-Dinitrotoluene
 Concen: 44.566 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.0	33.8	50.8
89	46.4	38.2	57.2

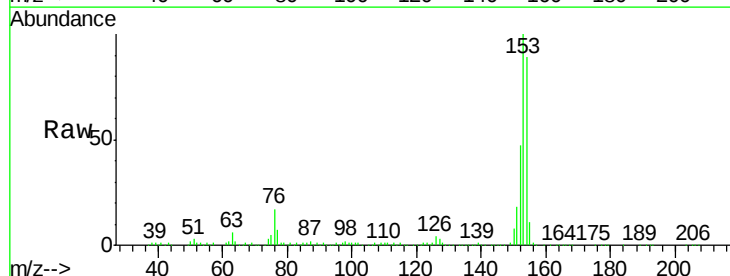


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

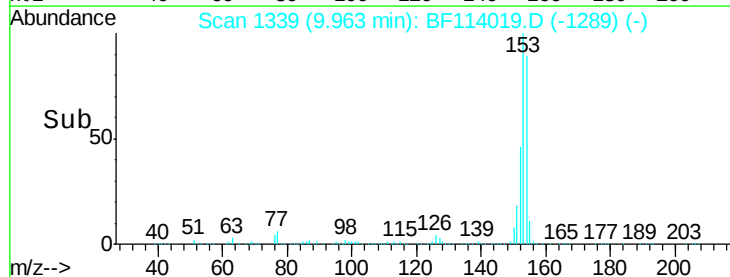
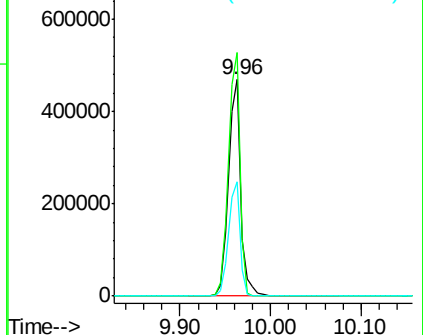


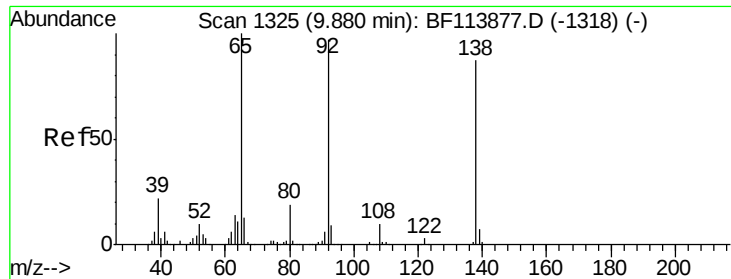
#52
 Acenaphthene
 Concen: 41.969 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	87.2	130.8
152	52.8	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

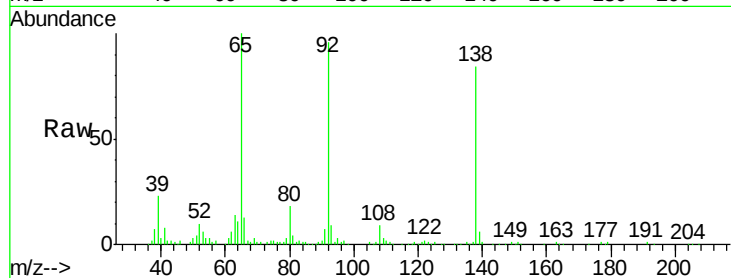




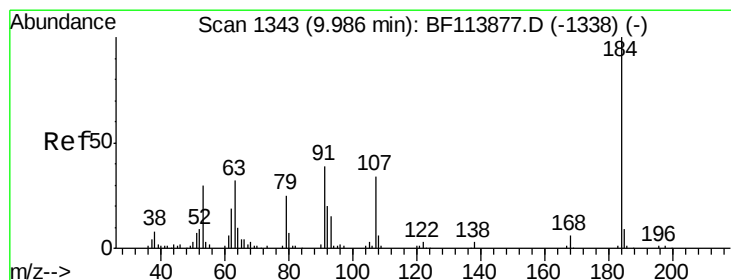
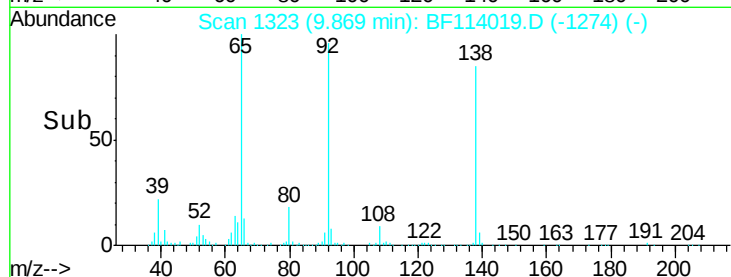
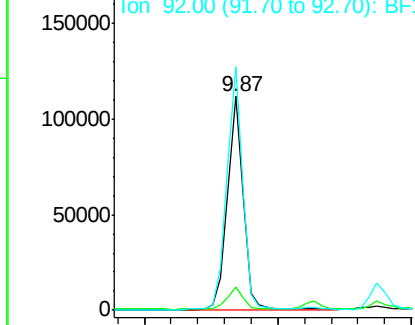
#53
3-Nitroaniline
Concen: 32.343 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 95177
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.2
92 113.9 94.1 141.1

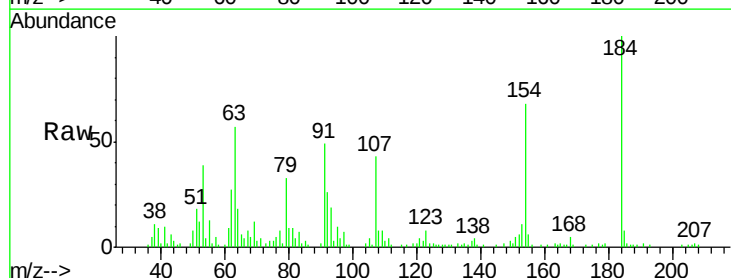


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

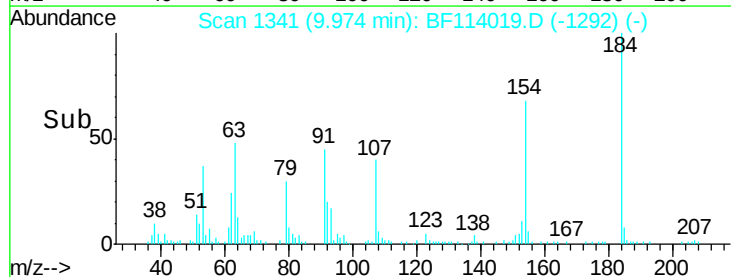
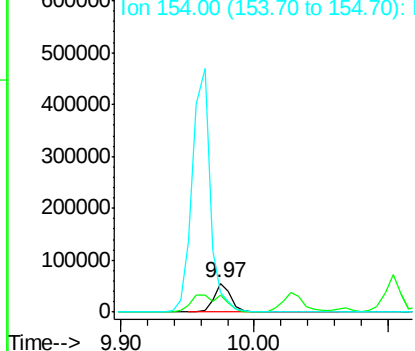


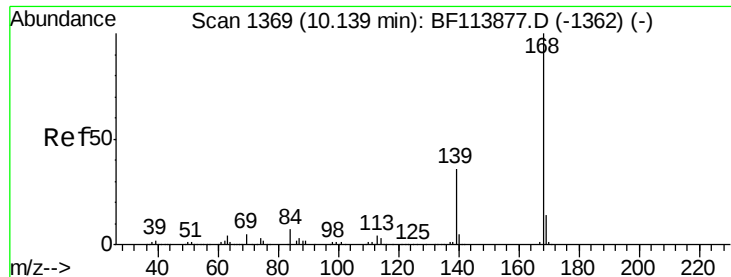
#54
2,4-Dinitrophenol
Concen: 46.001 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion:184 Resp: 50954
Ion Ratio Lower Upper
184 100
63 56.8 54.6 81.8
154 68.1 218.6 328.0#



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

Dibenzofuran

Concen: 41.617 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

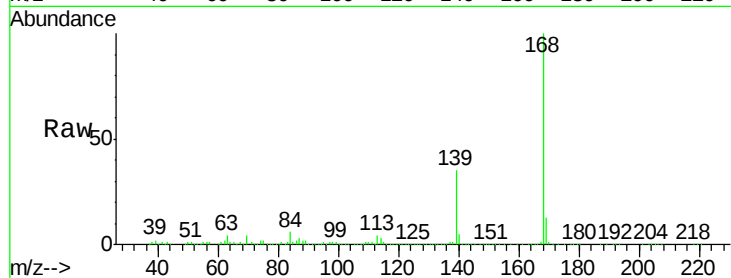
Instrument :

BNA_F

ClientSampleId :

Tot Ion:168 Resp: 646709

Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.8	41.6
169	13.3	11.0	16.6

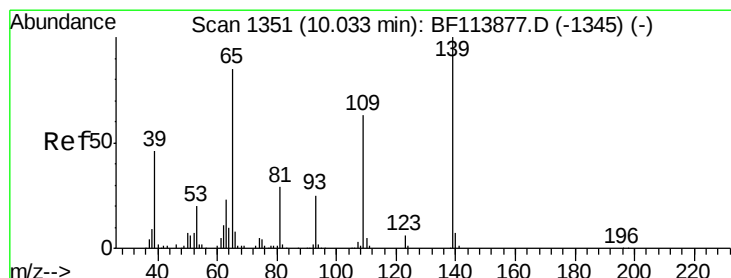
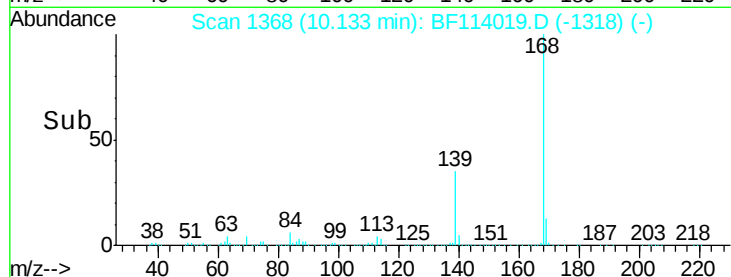
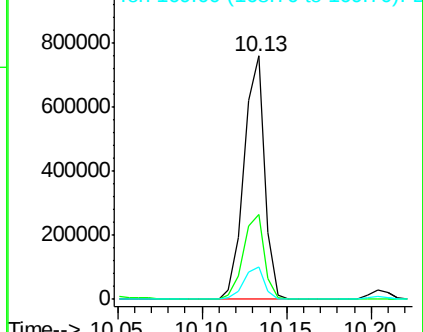


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 72.411 ng

RT: 10.03 min Scan# 1350

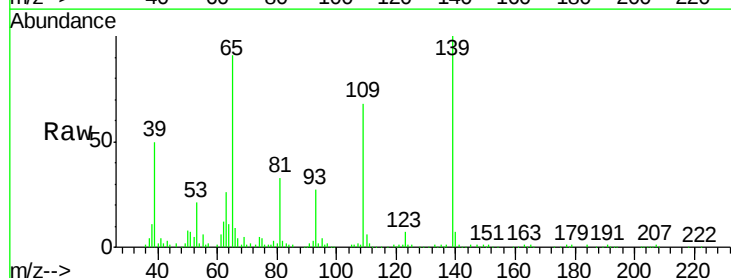
Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Tgt Ion:139 Resp: 168717

Ion	Ratio	Lower	Upper
139	100		
109	68.2	42.9	82.9
65	90.6	64.4	104.4

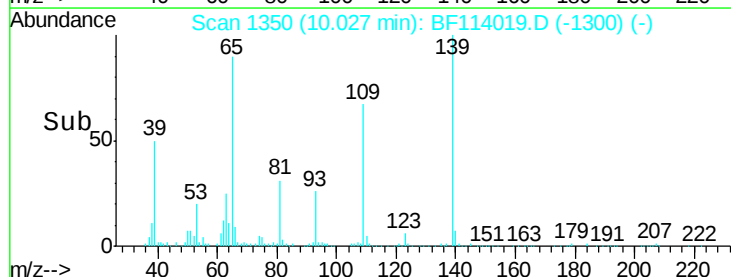
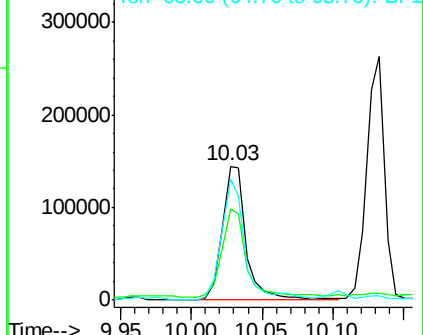


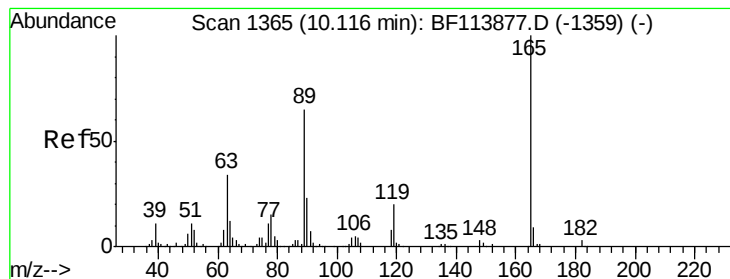
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 45.367 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 160361

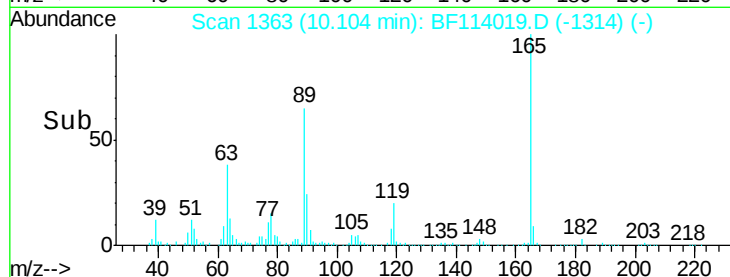
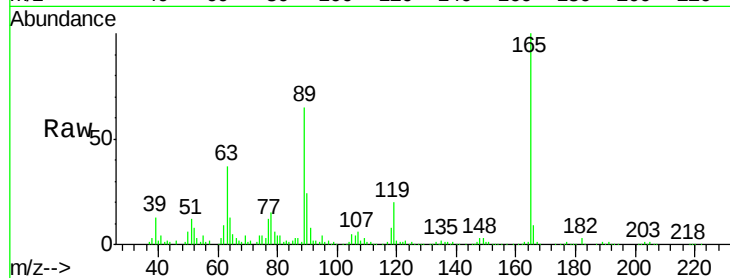
Ion Ratio Lower Upper

165 100

63 37.4 27.4 41.0

89 64.7 51.8 77.6

182 2.7 2.2 3.2

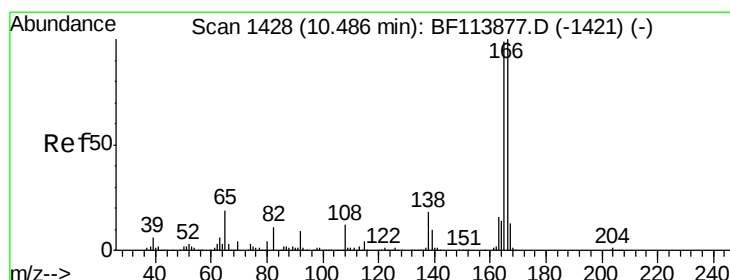
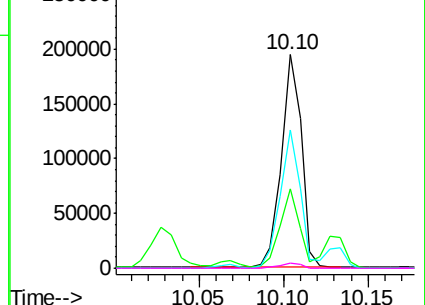


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.907 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

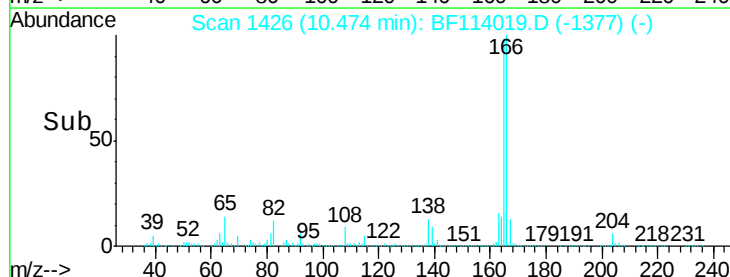
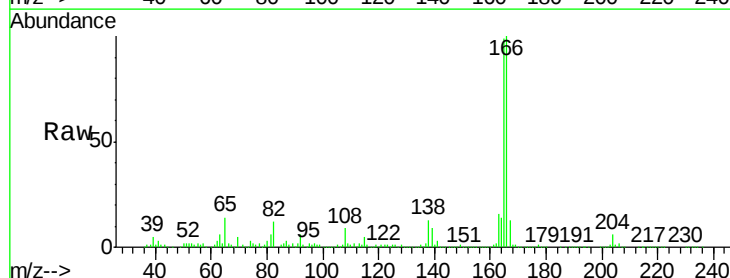
Tgt Ion:166 Resp: 478574

Ion Ratio Lower Upper

166 100

165 98.6 78.4 117.6

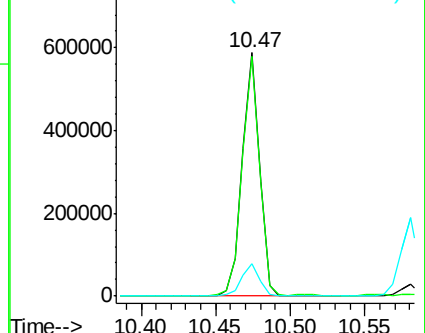
167 13.5 10.9 16.3

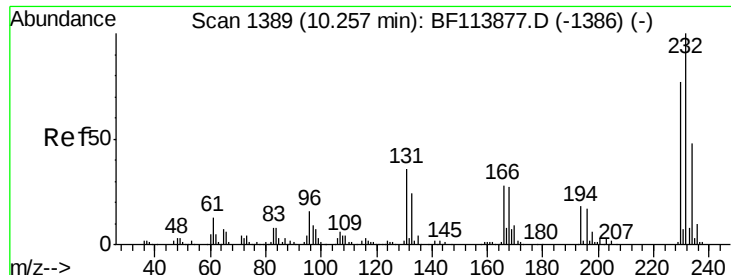


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

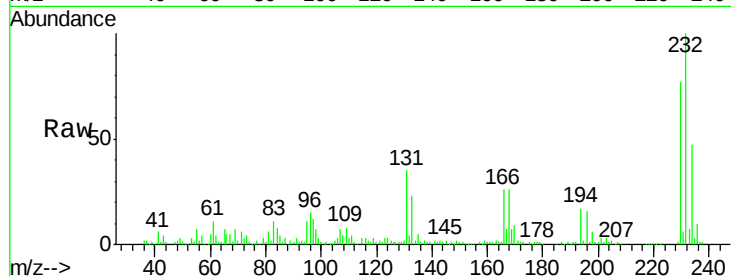




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.642 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.0	30.2	45.2
130	2.0	1.5	2.3
166	28.2	22.2	33.4

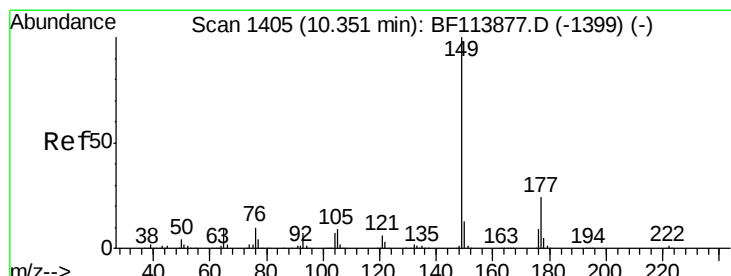
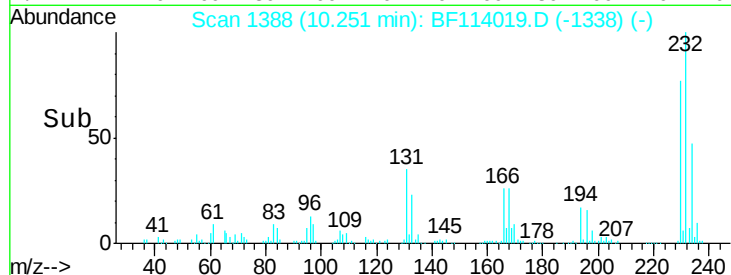
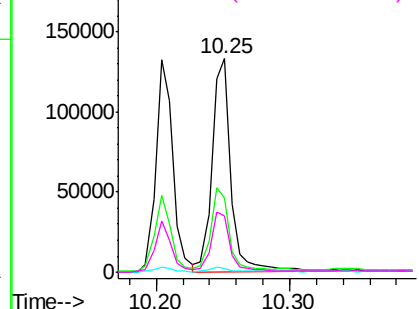


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

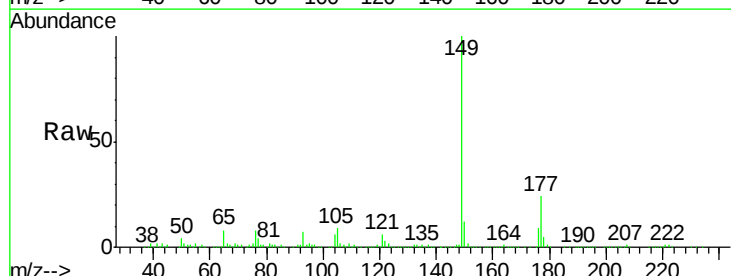
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.222 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

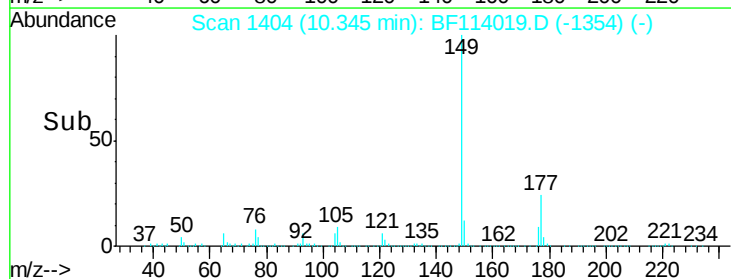
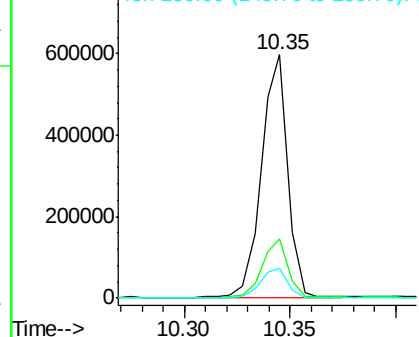
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.2	28.8
150	12.5	10.3	15.5

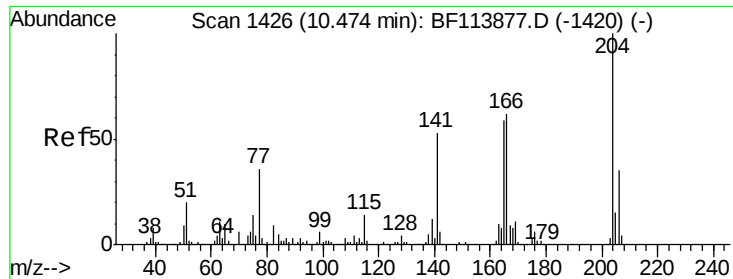


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

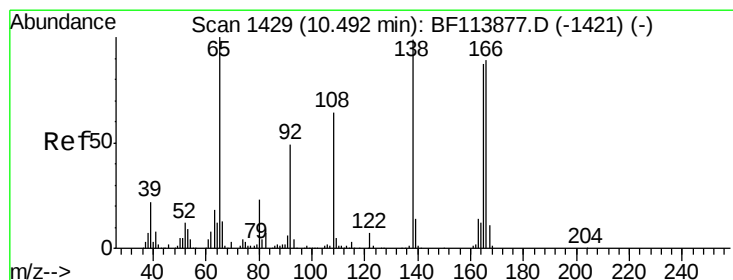
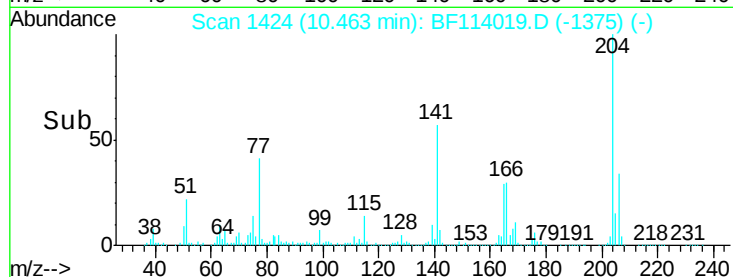
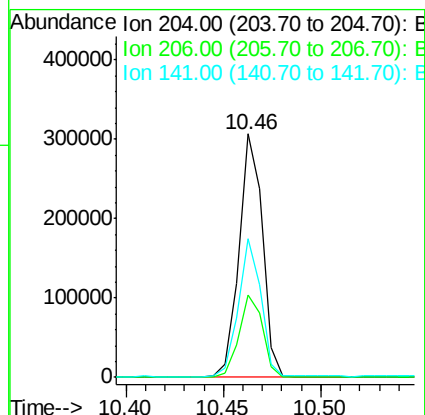
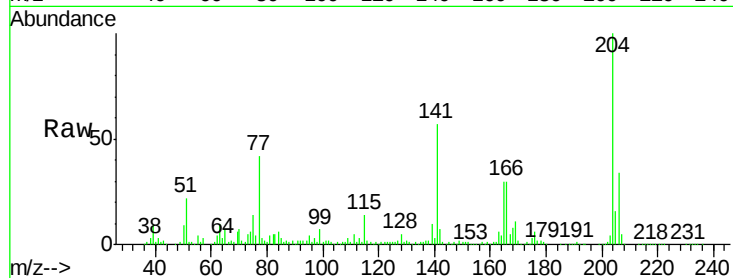




#61
4-Chlorophenyl-phenylether
Concen: 41.082 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

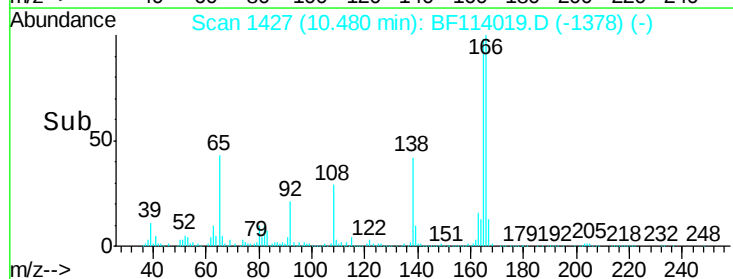
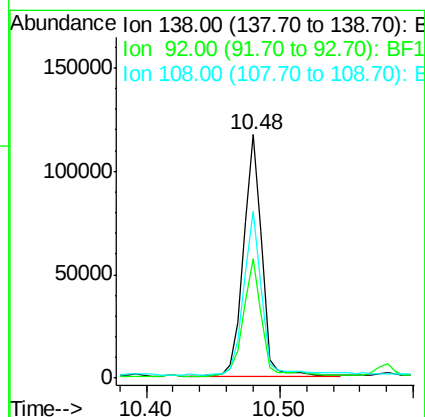
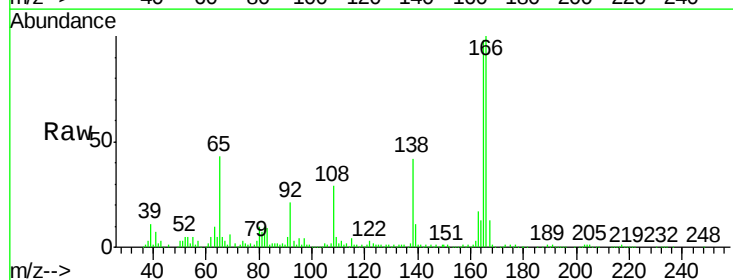
Instrument :
BNA_F
ClientSampleId :

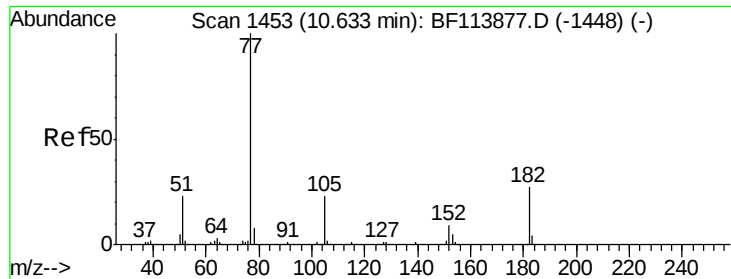
Tot Ion:204 Resp: 254538
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 56.8 42.6 63.8



#62
4-Nitroaniline
Concen: 38.715 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion:138 Resp: 111179
Ion Ratio Lower Upper
138 100
92 49.0 31.3 71.3
108 68.4 48.9 88.9





#63

Azobenzene

Concen: 38.630 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 464094

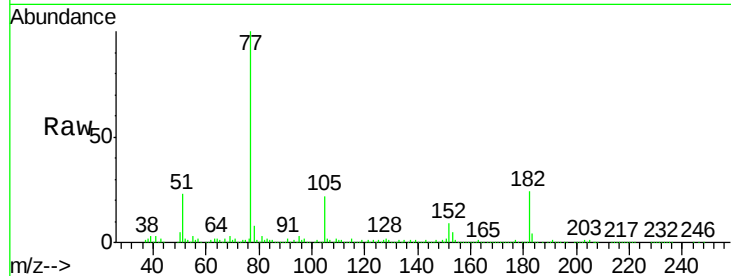
Ion Ratio Lower Upper

77 100

182 24.3 4.4 44.4

105 22.4 2.2 42.2

51 23.0 3.9 43.9

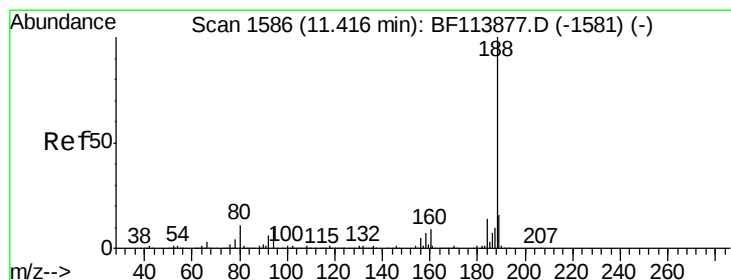
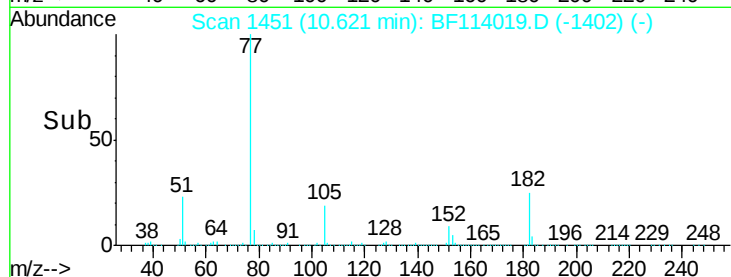
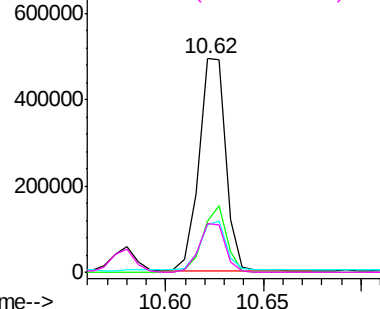


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

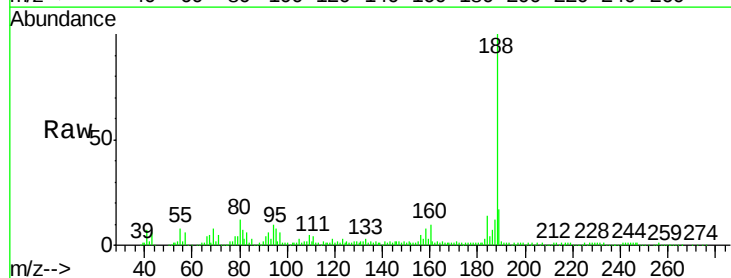
Tgt Ion: 188 Resp: 316986

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

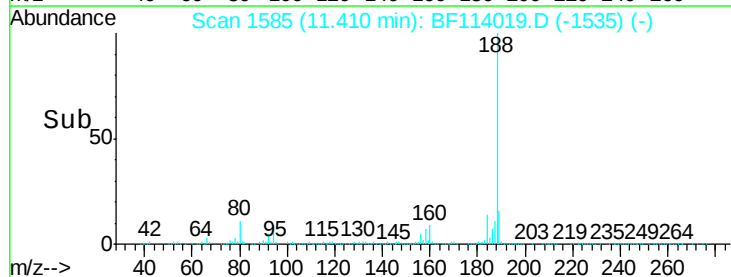
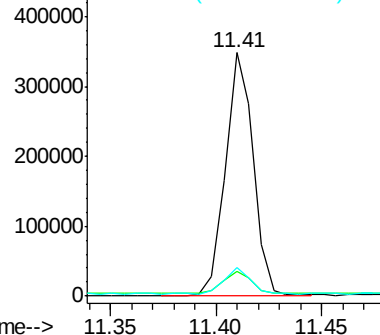
80 11.6 9.0 13.6

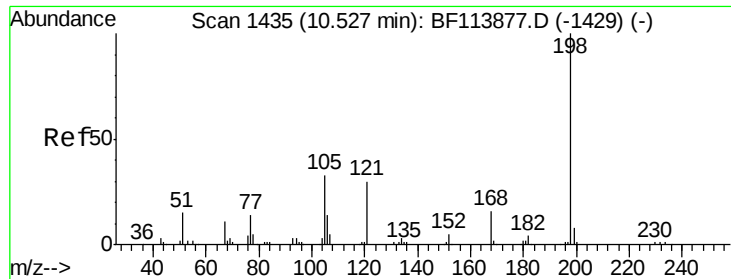


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 33.981 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

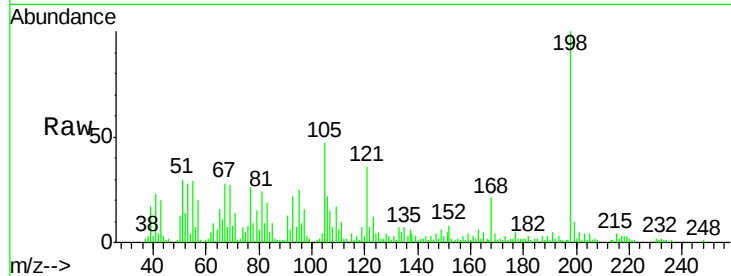
Tot Ion:198 Resp: 45712

Ion Ratio Lower Upper

198 100

51 30.4 11.1 51.1

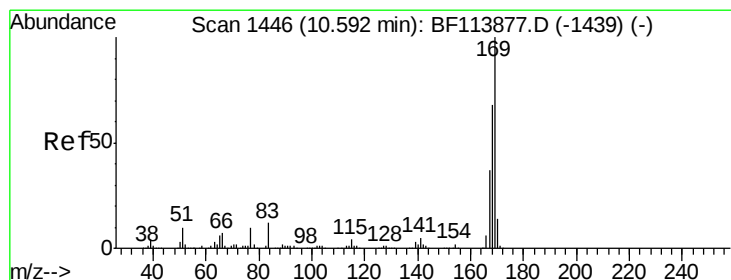
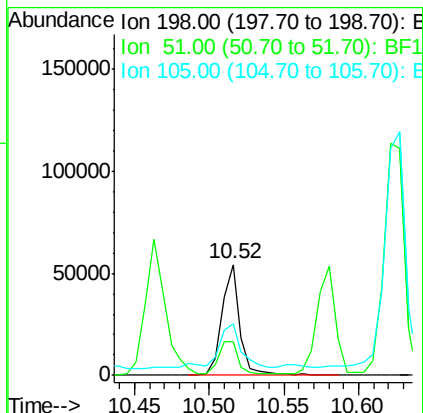
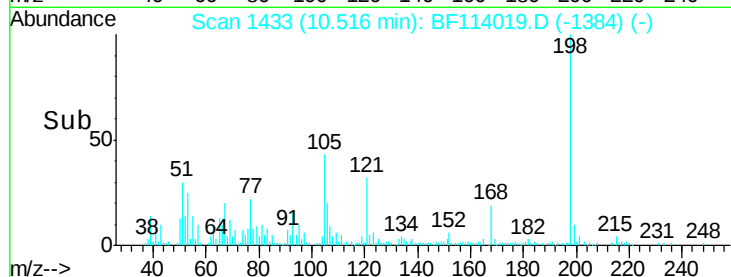
105 46.9 20.7 60.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.267 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

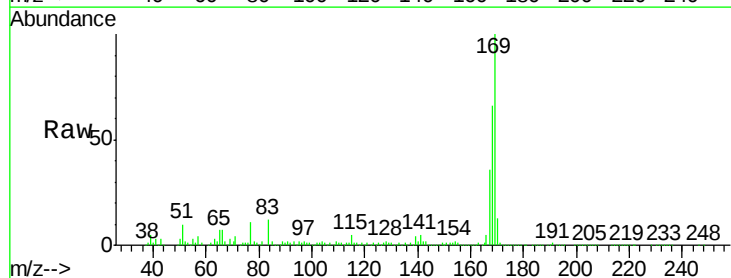
Tgt Ion:169 Resp: 430549

Ion Ratio Lower Upper

169 100

168 66.1 54.3 81.5

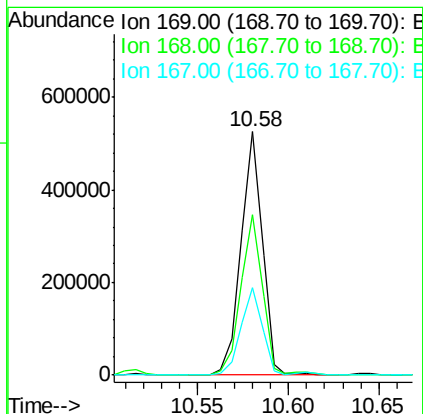
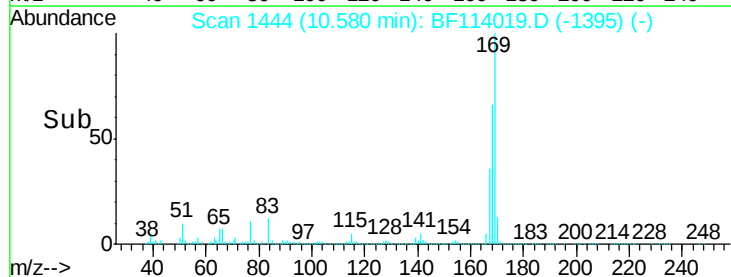
167 35.9 29.4 44.0

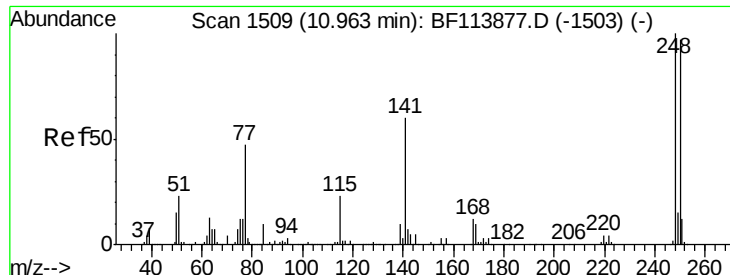


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

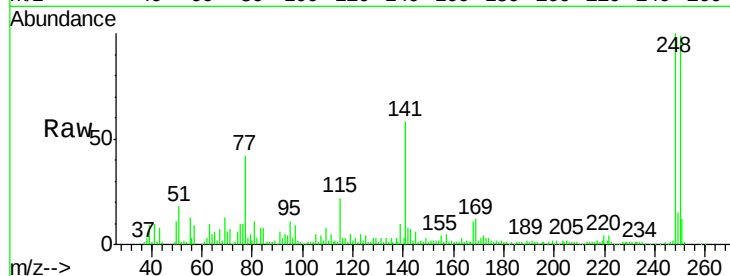




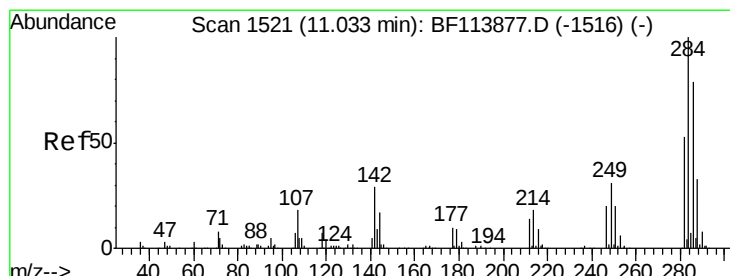
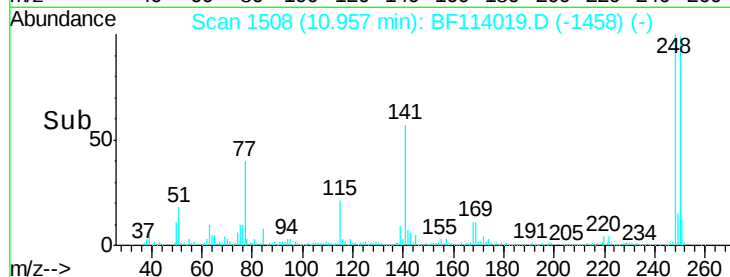
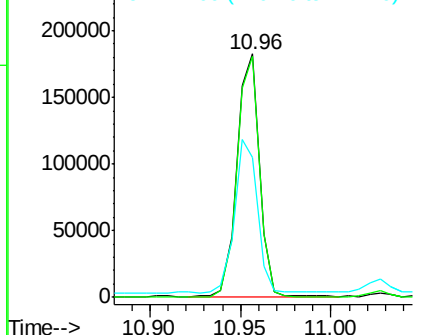
#67
 4-Bromophenyl-phenylether
 Concen: 40.747 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	75.8	113.6
141	57.5	50.2	75.4

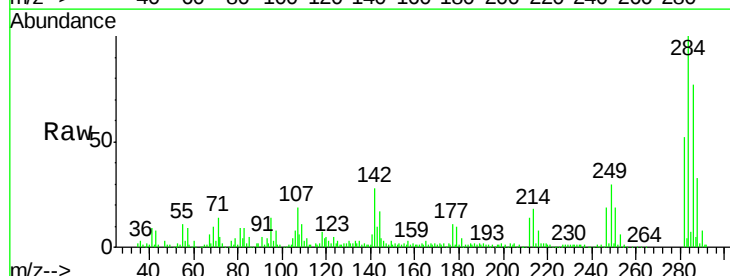


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

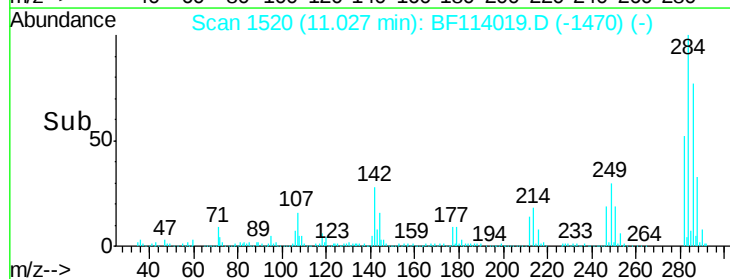
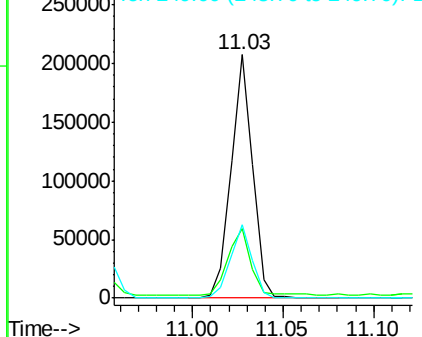


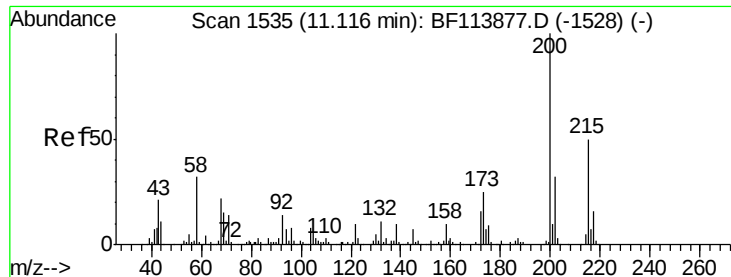
#68
 Hexachlorobenzene
 Concen: 40.737 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	23.0	34.4
249	30.3	24.4	36.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.700 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

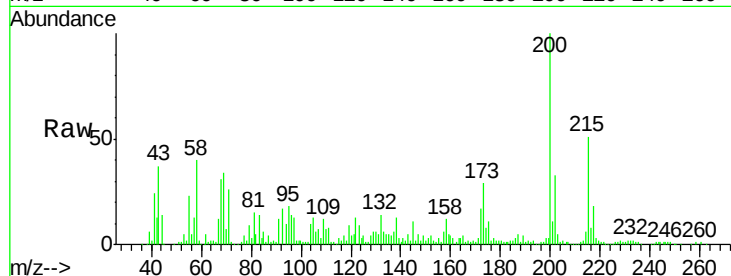
Tot Ion:200 Resp: 132117

Ion Ratio Lower Upper

200 100

173 28.8 5.9 45.9

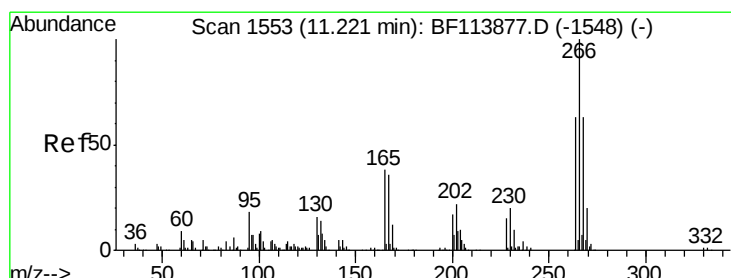
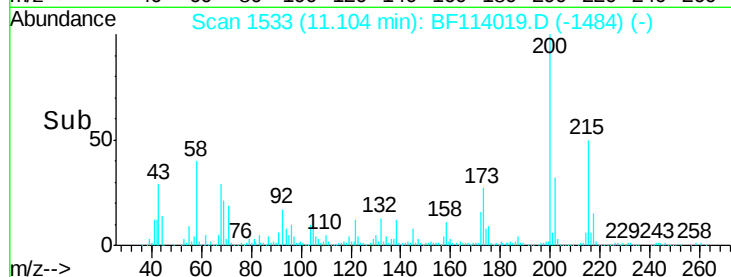
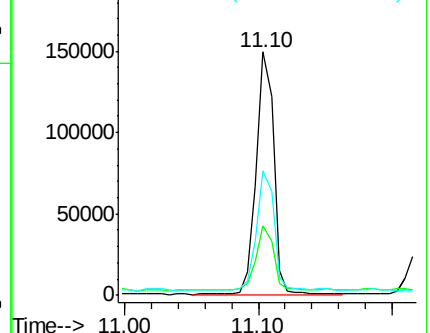
215 51.2 29.3 69.3



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: 63.440 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

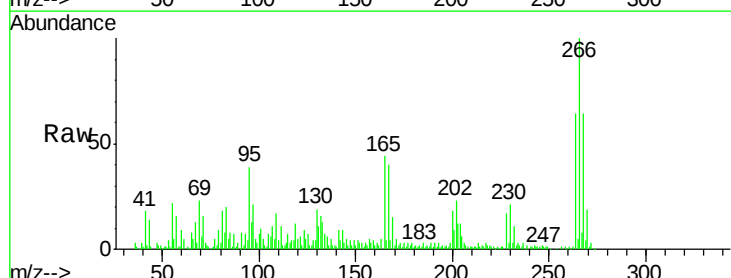
Tgt Ion:266 Resp: 151147

Ion Ratio Lower Upper

266 100

268 63.6 53.5 80.3

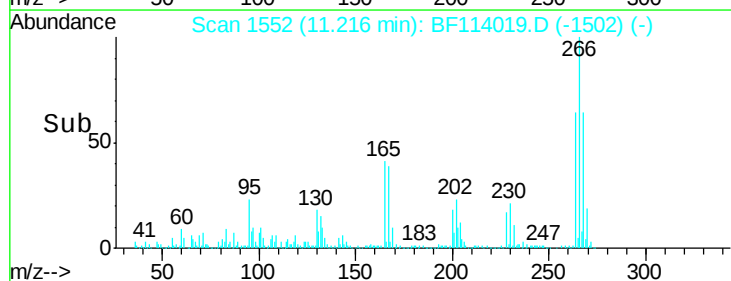
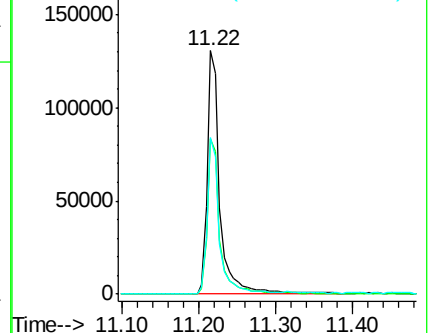
264 64.3 51.0 76.6

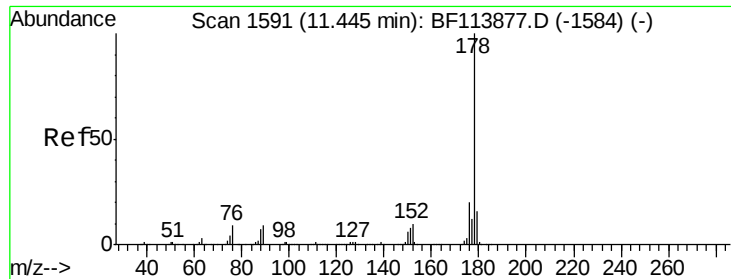


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

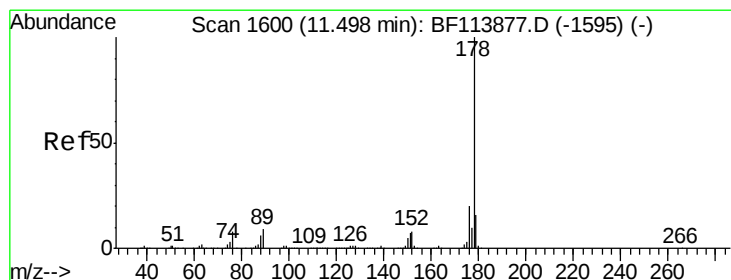
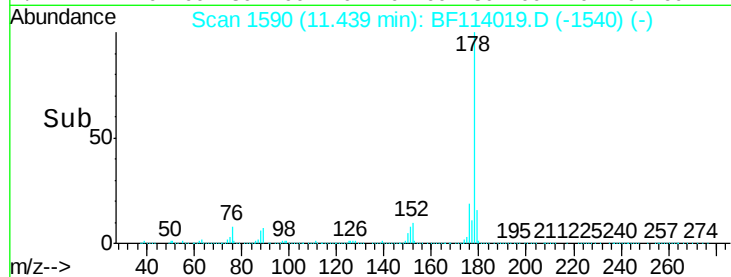
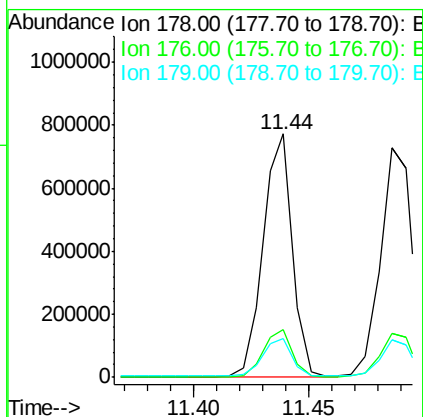
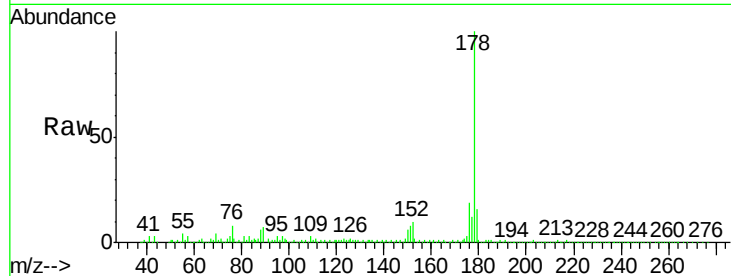




#71
Phenanthrene
Concen: 42.296 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

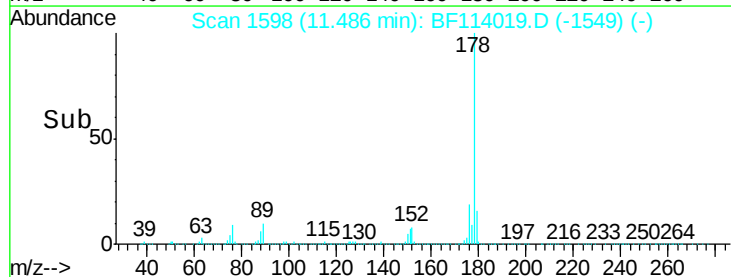
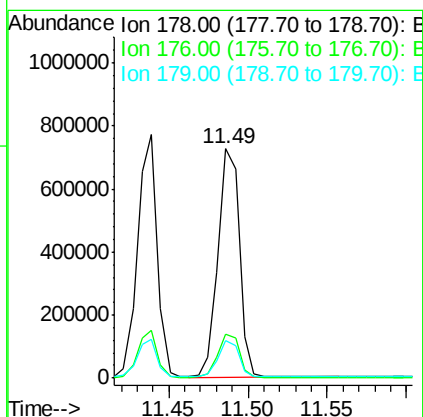
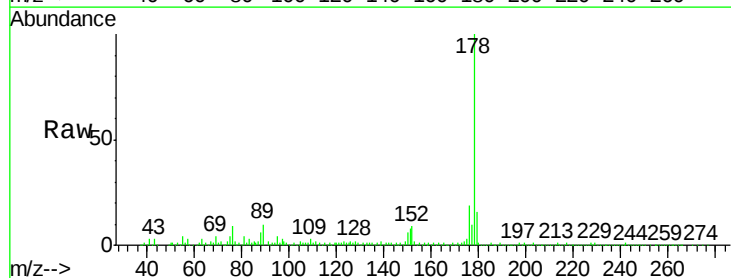
Instrument :
BNA_F
ClientSampleId :

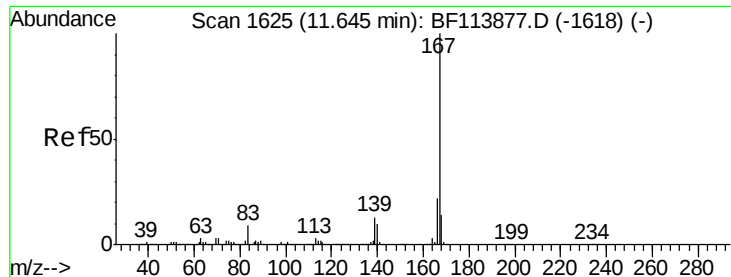
Tot Ion:178 Resp: 673783
Ion Ratio Lower Upper
178 100
176 19.4 16.1 24.1
179 16.0 12.8 19.2



#72
Anthracene
Concen: 42.476 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion:178 Resp: 683316
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 16.2 13.0 19.4



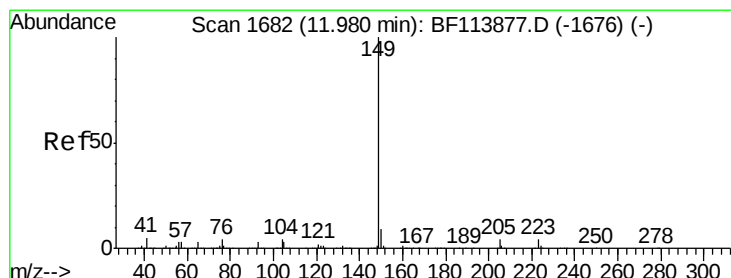
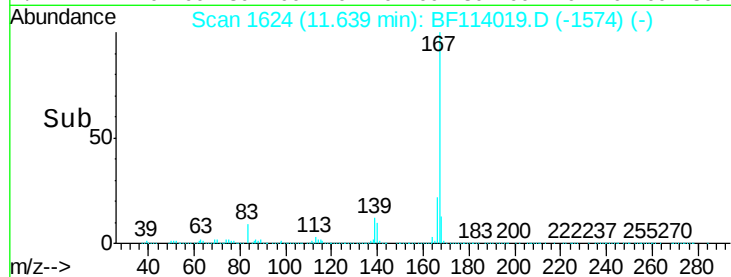
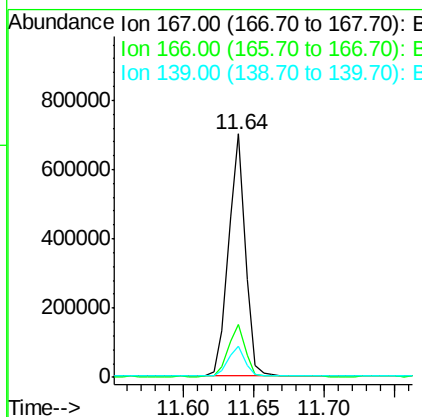
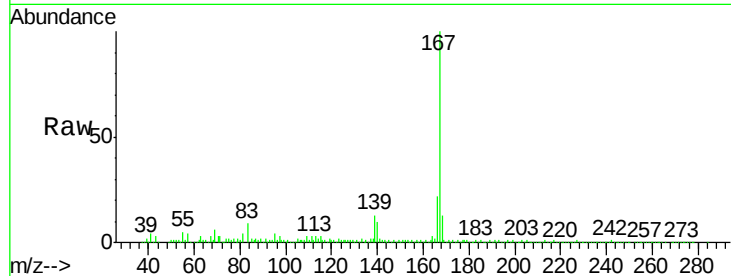


#73
 Carbazole
 Concen: 40.253 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 577715

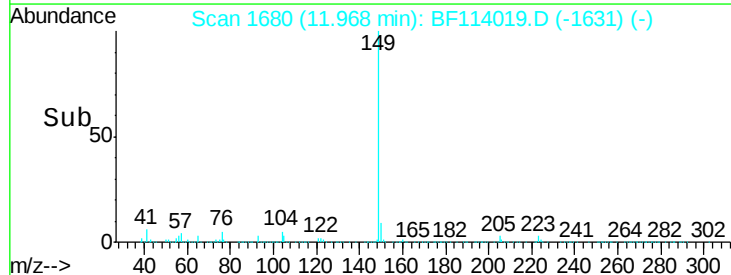
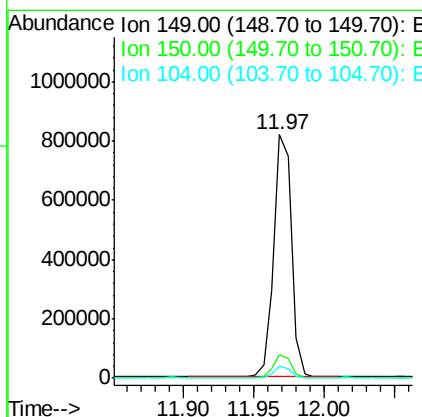
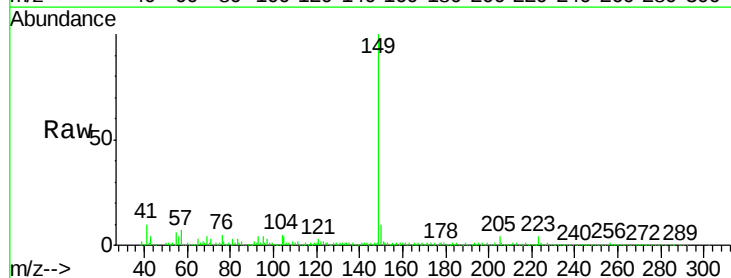
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	12.8	10.0	15.0

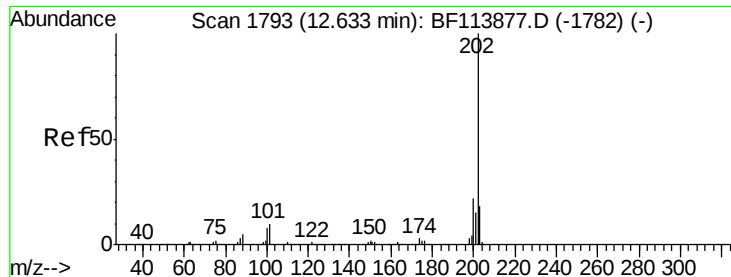


#74
 Di-n-butylphthalate
 Concen: 42.552 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114019.D
 Acq: 29 Apr 2019 12:46

Tgt Ion:149 Resp: 718398

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.8	3.8	5.8





#75

Fluoranthene

Concen: 38.095 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampled :

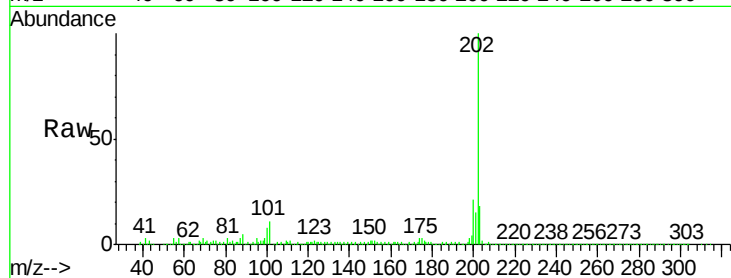
Tot Ion:202 Resp: 662111

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.9

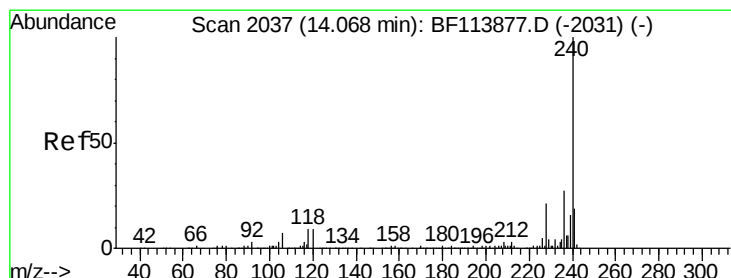
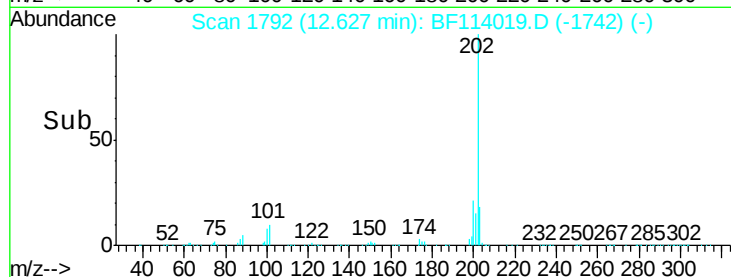
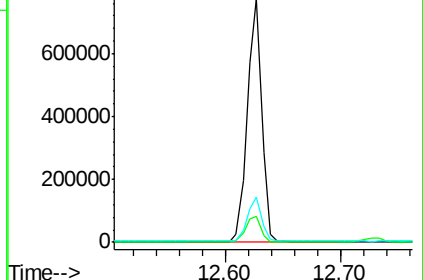
203 18.3 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

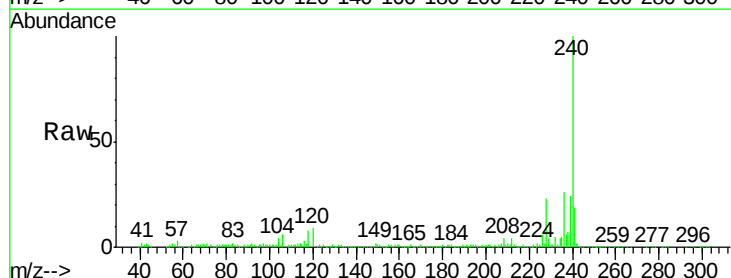
Tgt Ion:240 Resp: 211381

Ion Ratio Lower Upper

240 100

120 8.8 9.3 13.9#

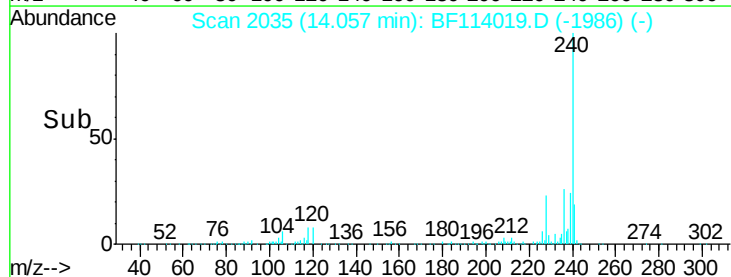
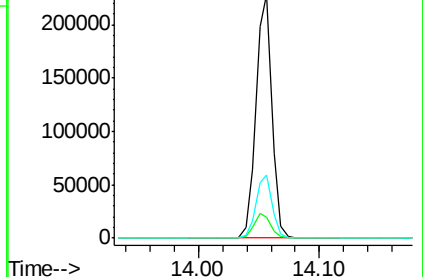
236 25.8 21.2 31.8

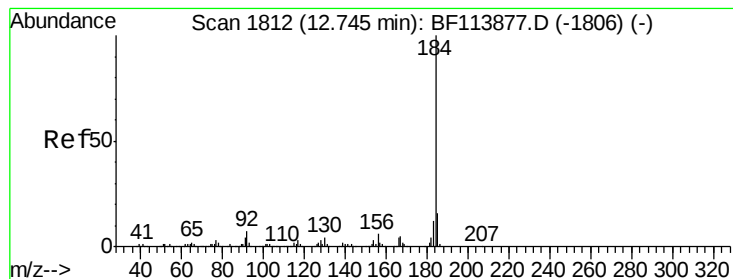


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.155 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

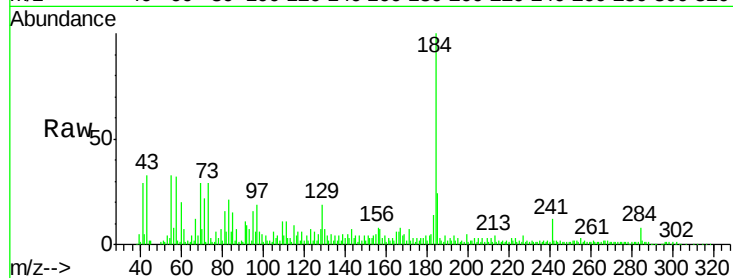
Tot Ion:184 Resp: 126939

Ion Ratio Lower Upper

184 100

185 24.3 13.0 19.6#

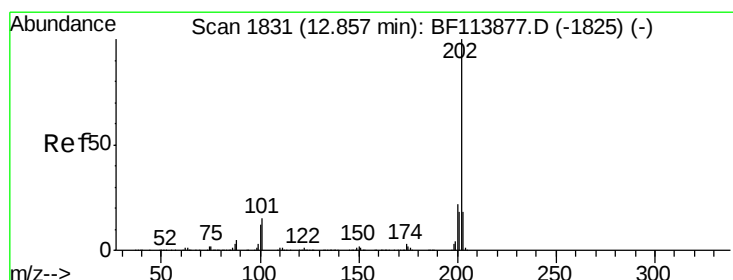
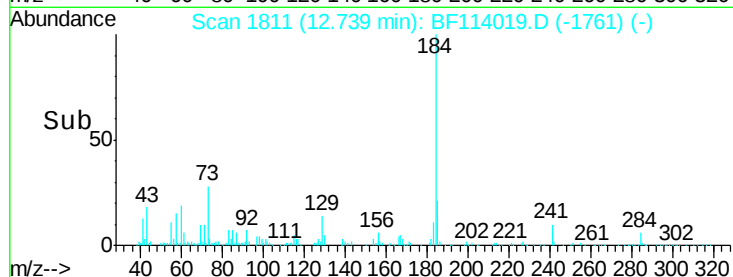
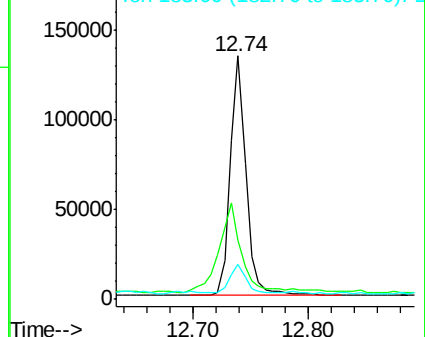
183 14.4 9.4 14.0#



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: 44.584 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

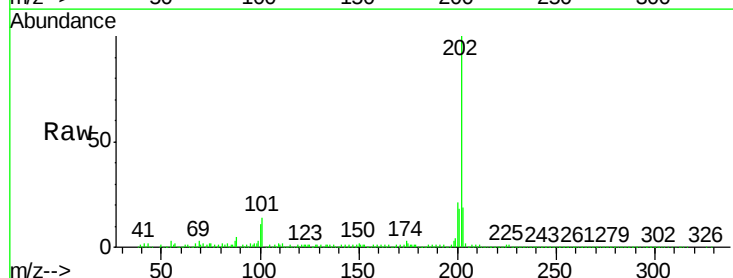
Tgt Ion:202 Resp: 659045

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

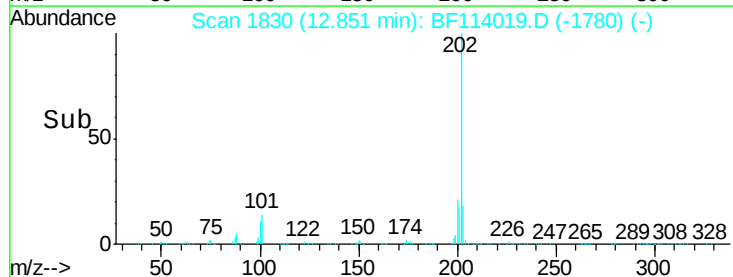
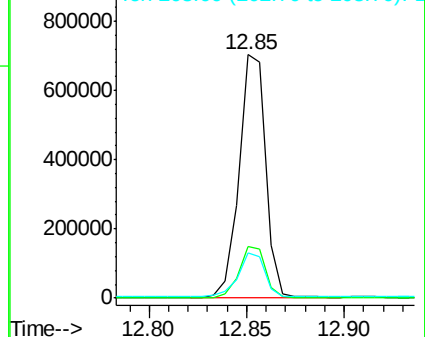
203 18.5 15.0 22.6

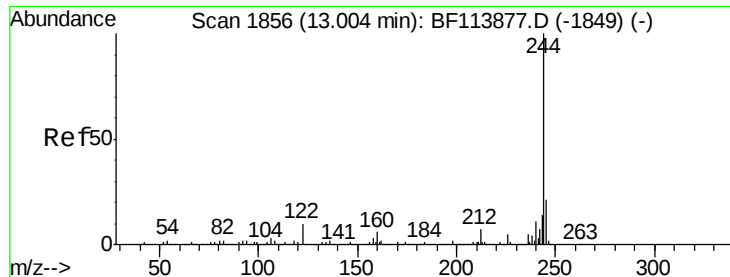


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.764 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

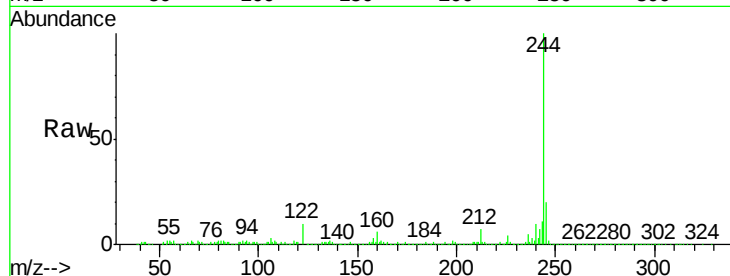
Tot Ion:244 Resp: 904904

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

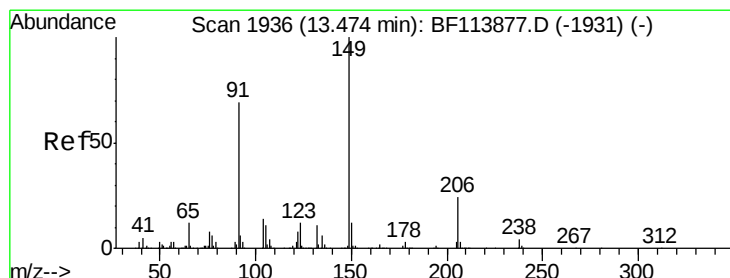
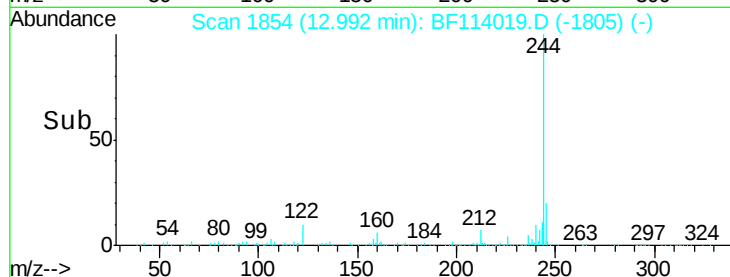
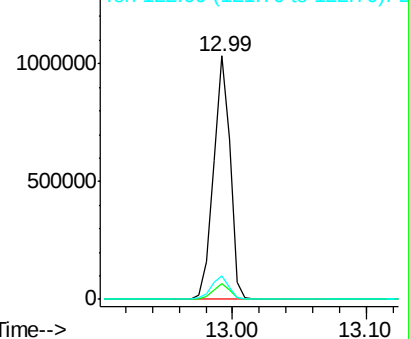
122 9.9 7.6 11.4



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: 46.382 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

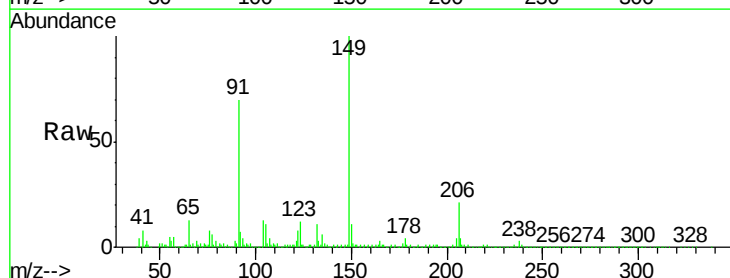
Tgt Ion:149 Resp: 269761

Ion Ratio Lower Upper

149 100

91 70.5 56.3 84.5

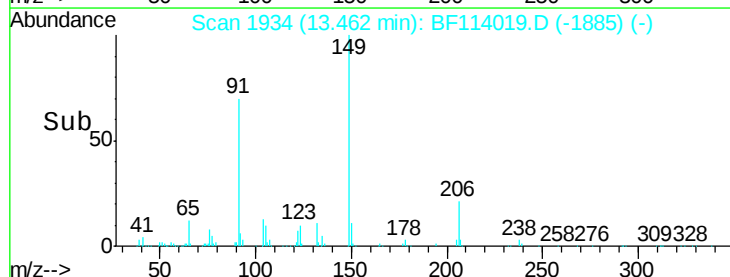
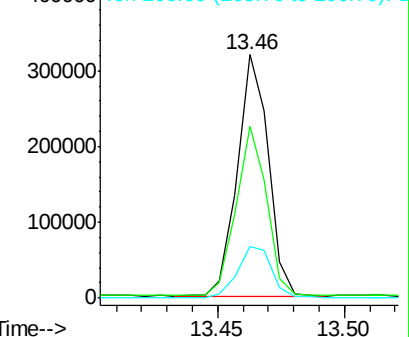
206 21.1 19.0 28.6

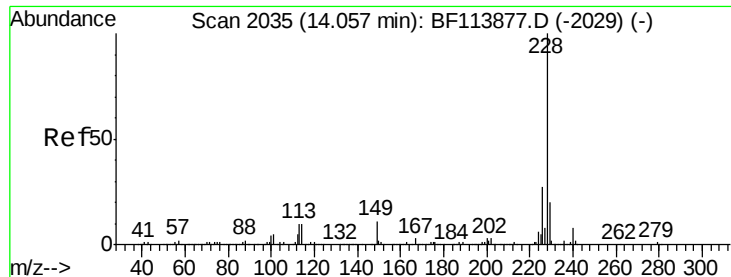


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.787 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

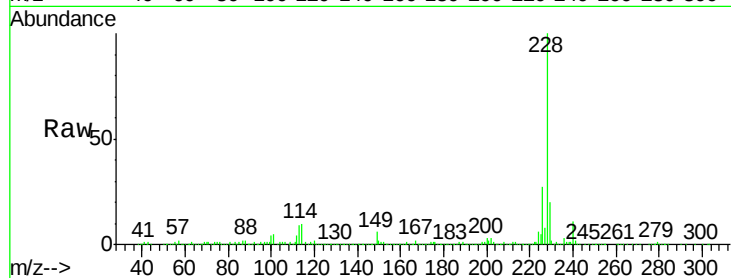
Tot Ion:228 Resp: 545336

Ion Ratio Lower Upper

228 100

226 26.8 22.2 33.2

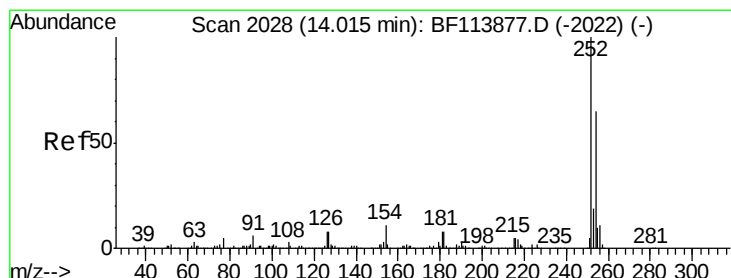
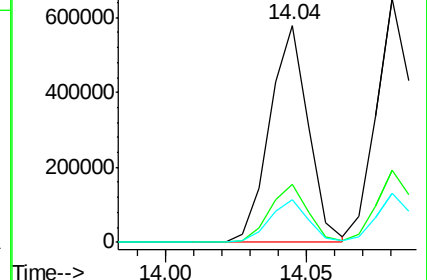
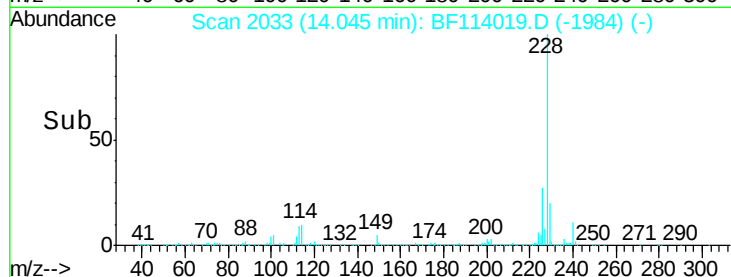
229 19.8 16.0 24.0



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: 14.771 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

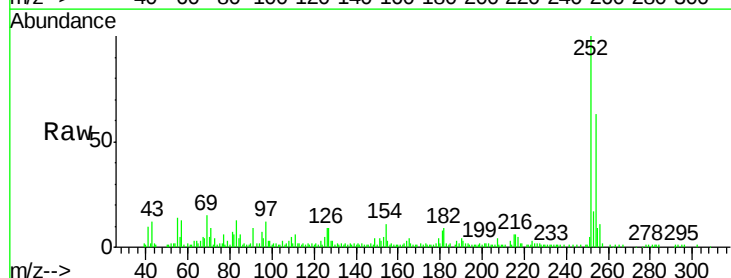
Tgt Ion:252 Resp: 67426

Ion Ratio Lower Upper

252 100

254 63.2 52.1 78.1

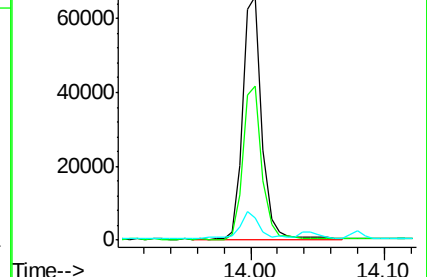
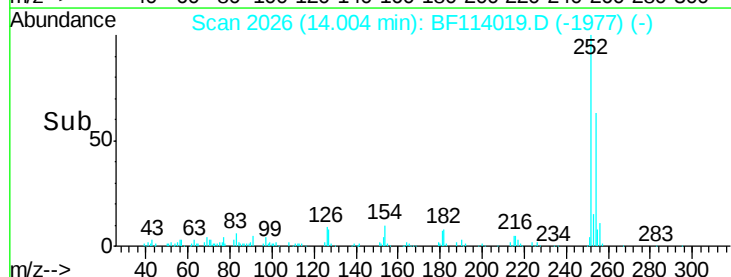
126 9.4 9.3 13.9

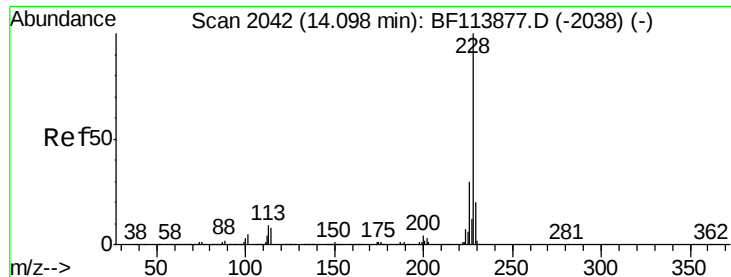


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

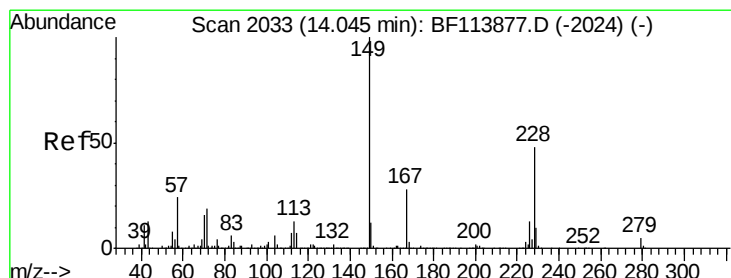
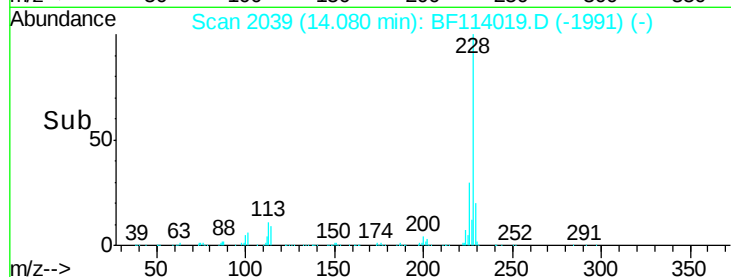
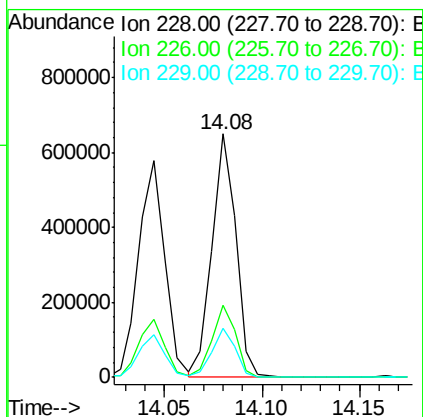
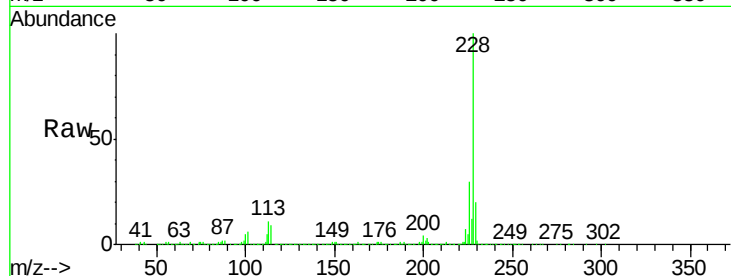




#83
Chrysene
Concen: 45.517 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

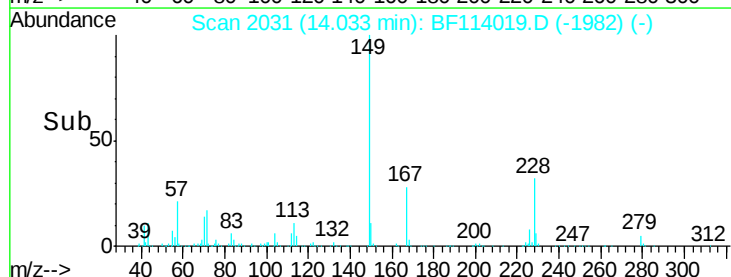
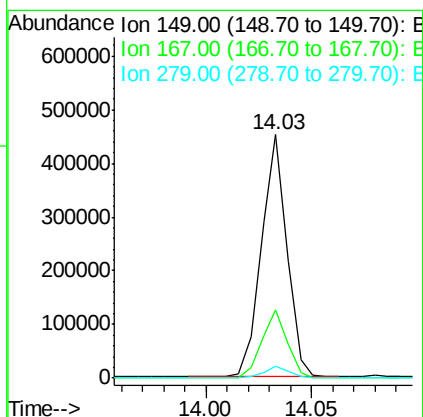
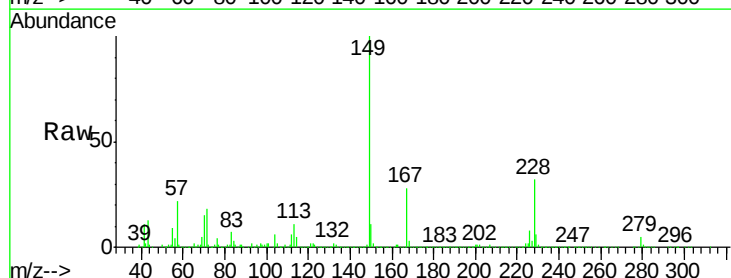
Instrument :
BNA_F
ClientSampled :

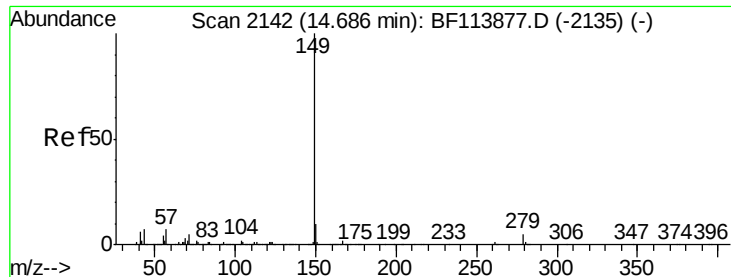
Tot Ion:228 Resp: 552090
Ion Ratio Lower Upper
228 100
226 29.6 25.2 37.8
229 20.2 16.7 25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.305 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion:149 Resp: 379645
Ion Ratio Lower Upper
149 100
167 27.9 22.9 34.3
279 4.8 4.2 6.2

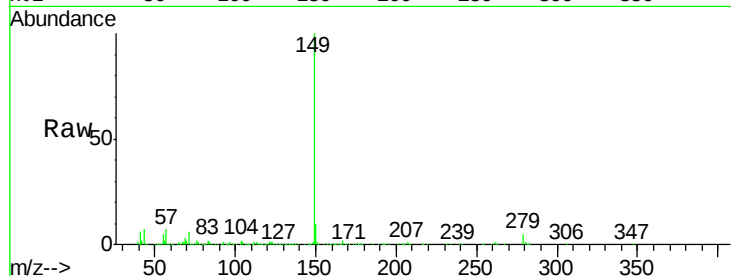




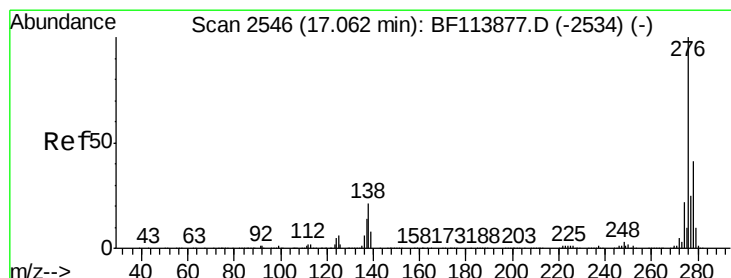
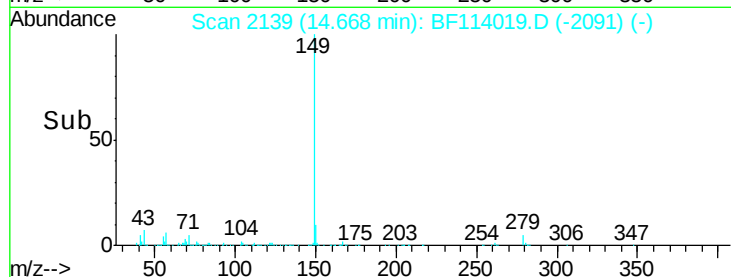
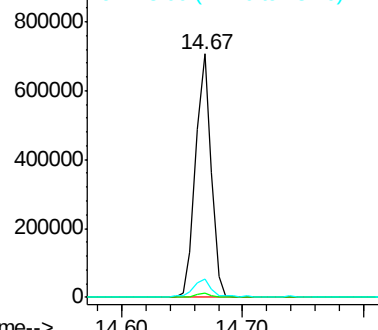
#85
Di-n-octyl phthalate
Concen: 53.997 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 625412
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.4 6.6 10.0

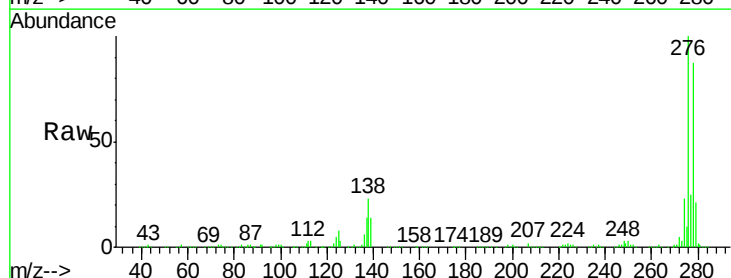


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

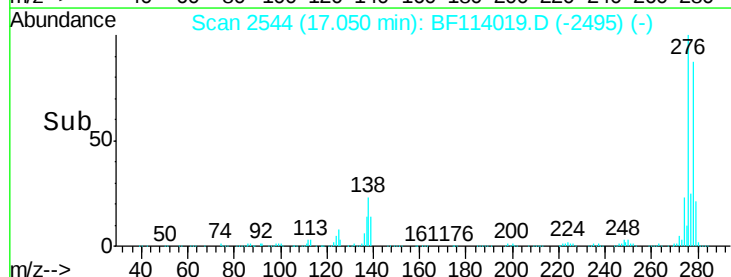
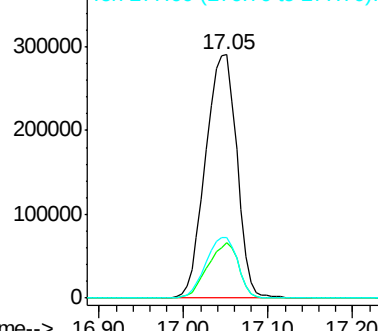


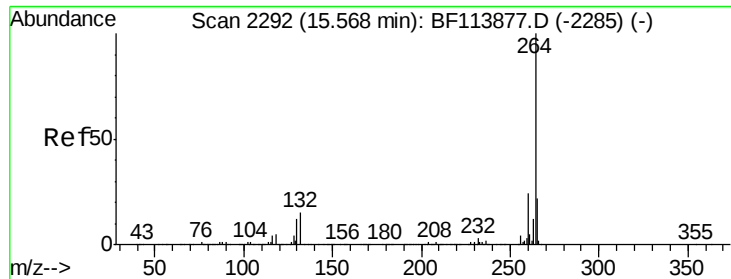
#86
Indeno(1,2,3-cd)pyrene
Concen: 65.064 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion:276 Resp: 747530
Ion Ratio Lower Upper
276 100
138 22.5 19.6 29.4
277 25.4 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.02 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampled :

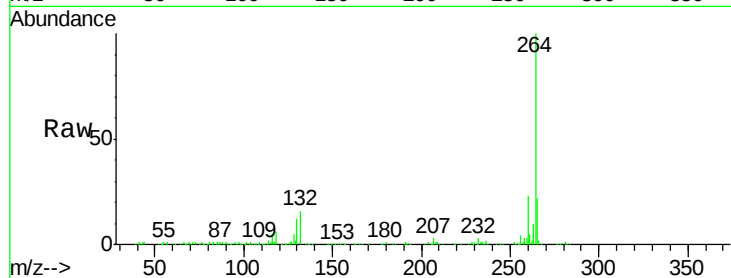
Tot Ion:264 Resp: 248004

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

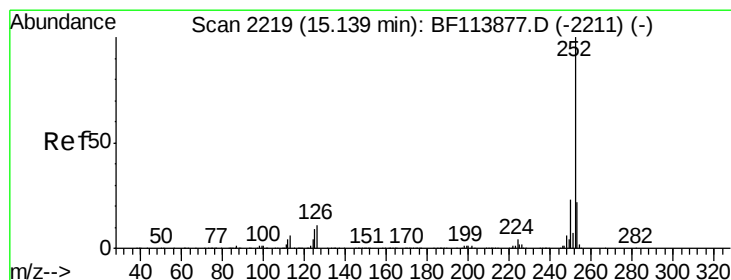
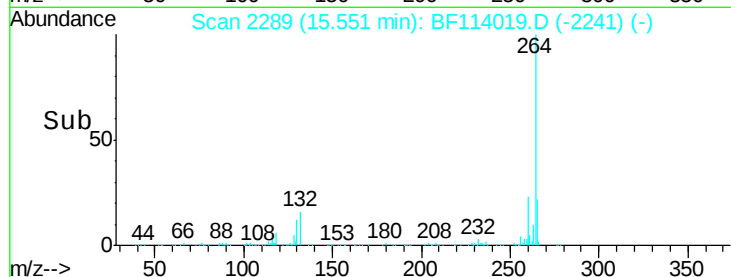
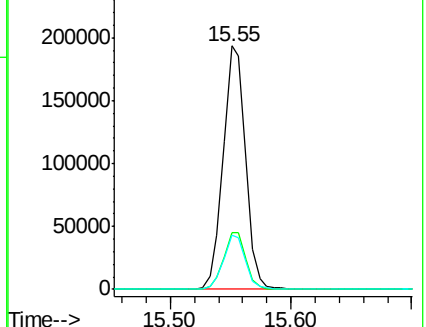
265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.475 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.02 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

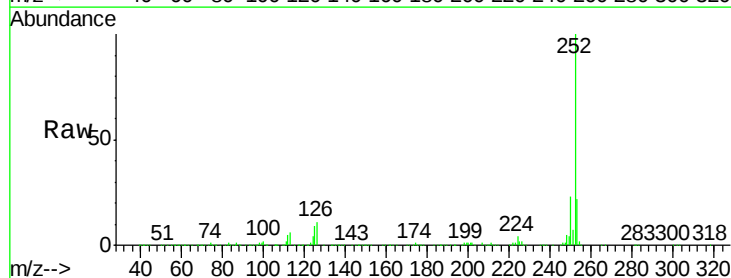
Tgt Ion:252 Resp: 588016

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

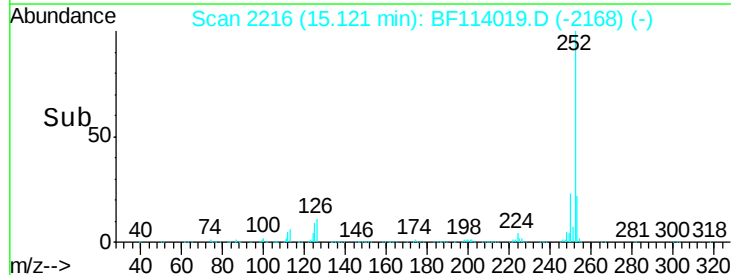
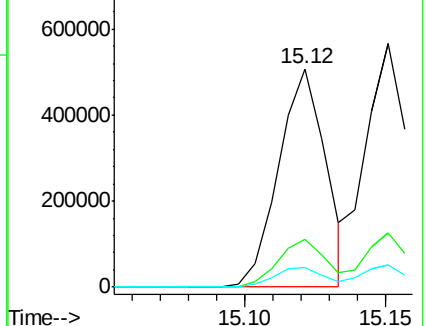
125 9.2 7.0 10.6

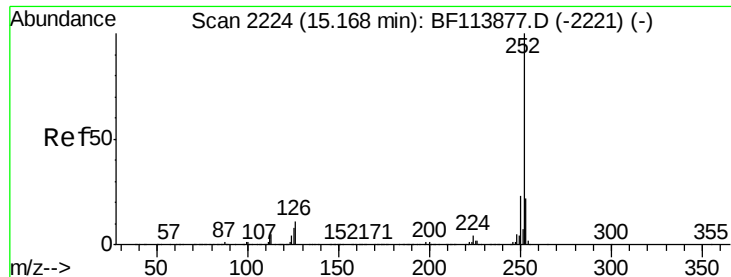


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

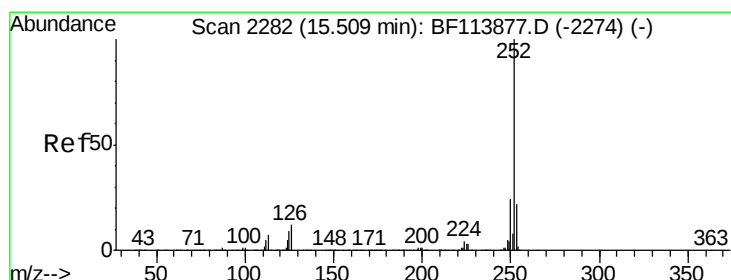
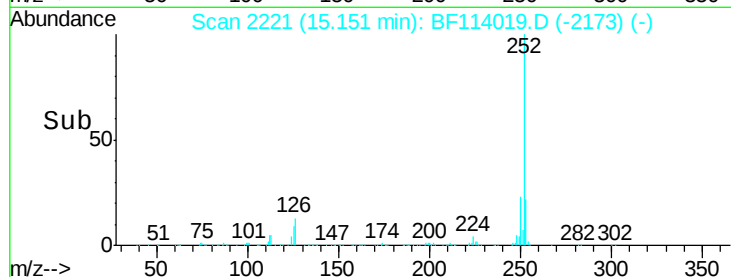
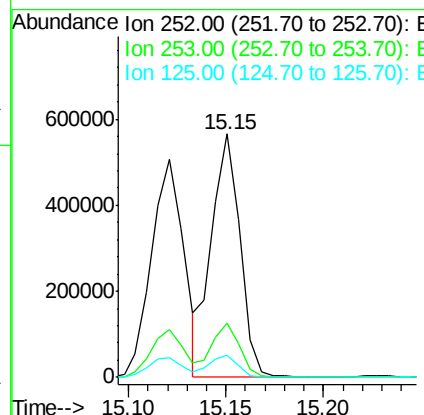
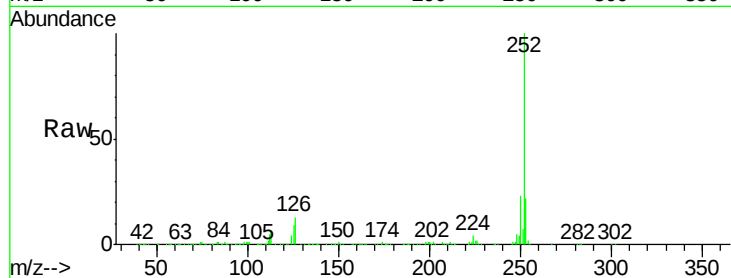




#89
Benzo(k)fluoranthene
Concen: 42.516 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

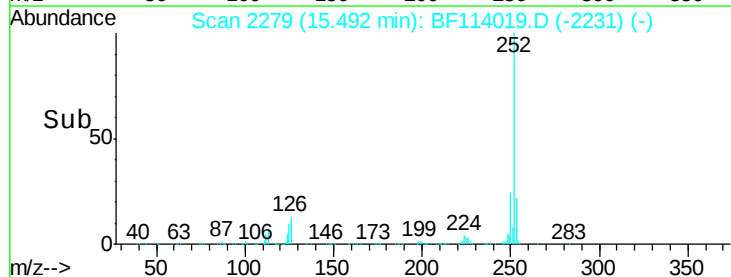
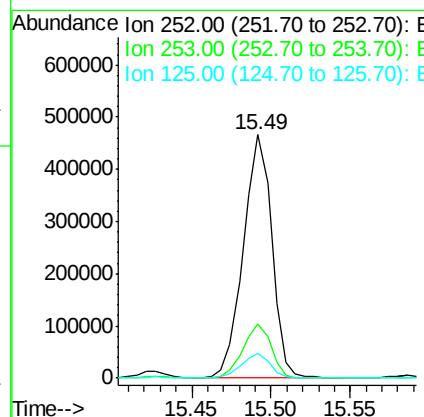
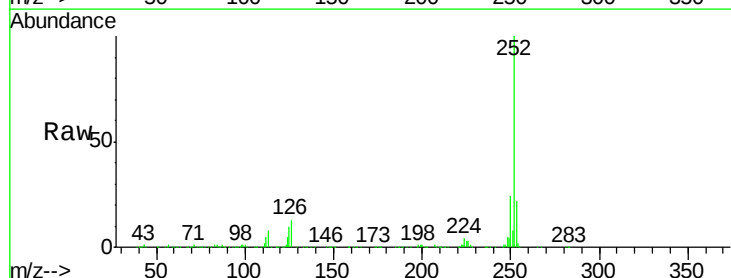
Instrument :
BNA_F
ClientSampleId :

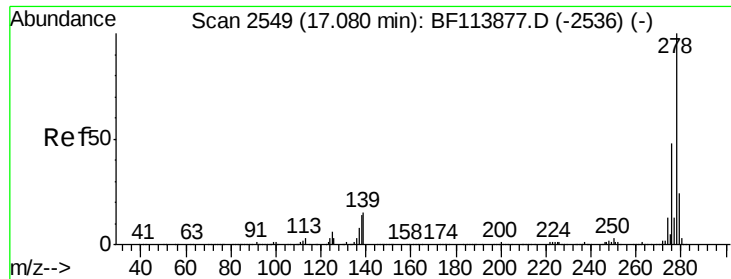
Tot Ion:252 Resp: 573840
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 42.773 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF114019.D
Acq: 29 Apr 2019 12:46

Tgt Ion:252 Resp: 580510
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.1 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 49.022 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.02 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

Instrument :

BNA_F

ClientSampleId :

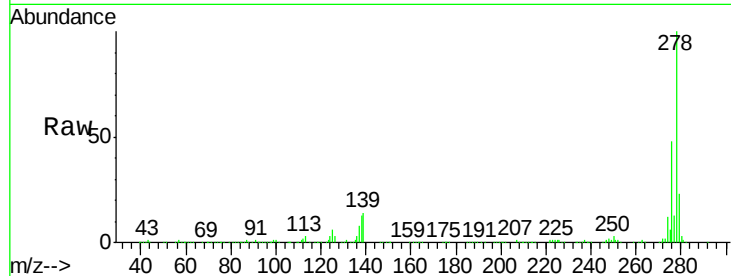
Tot Ion:278 Resp: 624561

Ion Ratio Lower Upper

278 100

139 13.9 11.6 17.4

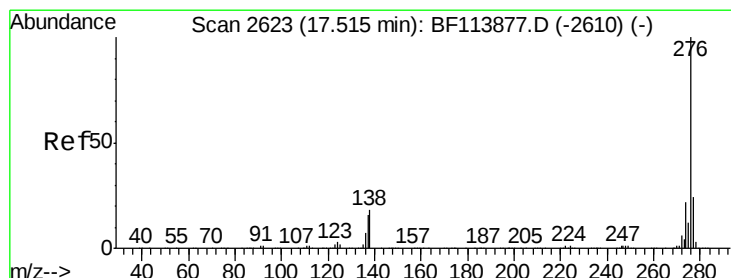
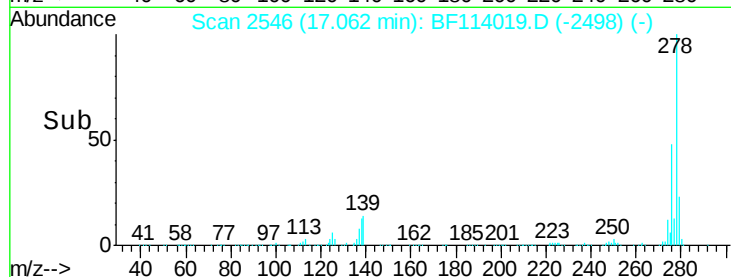
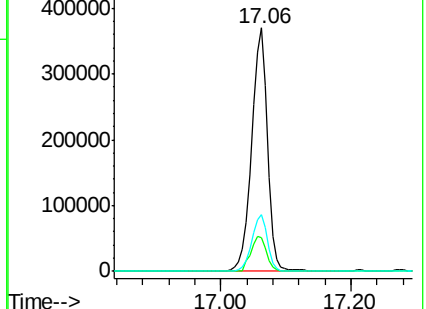
279 23.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.421 ng

RT: 17.49 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF114019.D

Acq: 29 Apr 2019 12:46

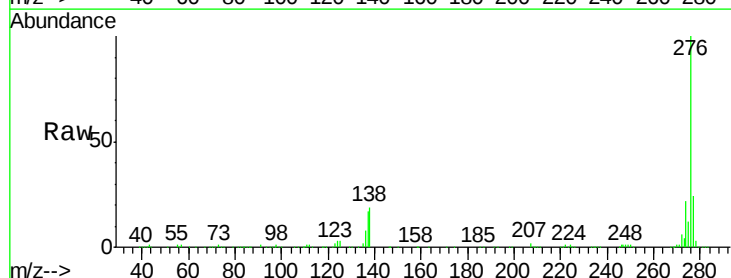
Tgt Ion:276 Resp: 635413

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 19.0 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

