

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114058.D
 Acq On : 1 May 2019 10:15
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 01 14:23:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	208624	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	817635	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	426357	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	831085	20.00	ng	0.00
76) Chrysene-d12	14.07	240	655063	20.00	ng	0.00
87) Perylene-d12	15.56	264	668944	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	940976	77.14	ng	0.00
7) Phenol-d6	6.53	99	1218780	79.64	ng	0.01
23) Nitrobenzene-d5	7.46	82	1113857	84.11	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	410178	78.97	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2033662	74.60	ng	0.00
79) Terphenyl-d14	13.00	244	2423374	75.84	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.71	88	209009	36.350	ng	97
3) Pyridine	3.47	79	608157	38.749	ng	98
4) n-Nitrosodimethylamine	3.43	42	209037	38.909	ng	93
6) Aniline	6.56	93	837729	39.865	ng	98
8) 2-Chlorophenol	6.69	128	560022	40.214	ng	97
9) Benzaldehyde	6.45	77	330300	37.302	ng	93
10) Phenol	6.55	94	716763	39.169	ng	90
11) bis(2-Chloroethyl)ether	6.63	93	547890	39.787	ng	99
12) 1,3-Dichlorobenzene	6.84	146	628523	39.850	ng	98
13) 1,4-Dichlorobenzene	6.92	146	624825	39.387	ng	98
14) 1,2-Dichlorobenzene	7.07	146	580193	39.795	ng	100
15) Benzyl Alcohol	7.04	79	486098	47.163	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	629381	39.153	ng	95
17) 2-Methylphenol	7.15	107	458829	37.587	ng	99
18) Hexachloroethane	7.41	117	223192	40.135	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	379329	38.276	ng	97
20) 3+4-Methylphenols	7.30	107	538777	39.065	ng	# 77
22) Acetophenone	7.30	105	710391	39.043	ng	# 91
24) Nitrobenzene	7.48	77	601945	41.138	ng	95
25) Isophorone	7.72	82	1053107	38.866	ng	99
26) 2-Nitrophenol	7.79	139	310344	46.491	ng	97
27) 2,4-Dimethylphenol	7.83	122	427260	39.285	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	685701	39.714	ng	99
29) 2,4-Dichlorophenol	8.04	162	505348	40.633	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	560526	40.421	ng	98
31) Naphthalene	8.20	128	1551415	39.941	ng	99
32) Benzoic acid	7.97	122	324144	44.133	ng	98
33) 4-Chloroaniline	8.25	127	665767	40.508	ng	97
34) Hexachlorobutadiene	8.32	225	343835	39.774	ng	98
35) Caprolactam	8.63	113	154618	39.082	ng	93
36) 4-Chloro-3-methylphenol	8.73	107	490009	39.769	ng	100
37) 2-Methylnaphthalene	8.89	142	1031010	39.362	ng	97
38) 1-Methylnaphthalene	8.99	142	994264	39.329	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	557704	40.269	ng	99

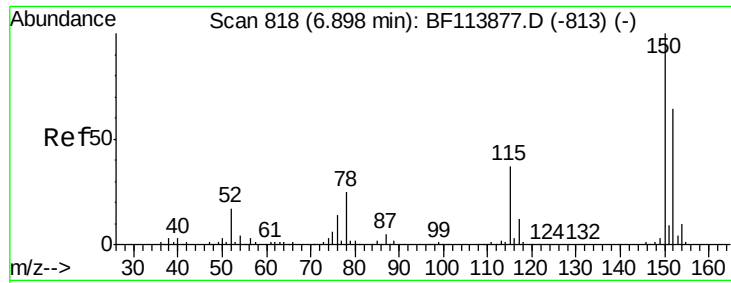
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	271114	35.105	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	359152	40.839	ng	99
44) 2,4,5-Trichlorophenol	9.22	196	394704	40.014	ng	96
46) 1,1'-Biphenyl	9.36	154	1284921	39.450	ng	99
47) 2-Chloronaphthalene	9.38	162	1042878	39.373	ng	97
48) 2-Nitroaniline	9.47	65	298418	42.978	ng	89
49) Acenaphthylene	9.80	152	1627667	39.253	ng	100
50) Dimethylphthalate	9.66	163	1223285	39.672	ng	99
51) 2,6-Dinitrotoluene	9.72	165	283135	42.800	ng	97
52) Acenaphthene	9.97	154	979540	39.972	ng	96
53) 3-Nitroaniline	9.89	138	296767	42.691	ng	92
54) 2,4-Dinitrophenol	9.99	184	130038	49.029	ng	# 2
55) Dibenzofuran	10.14	168	1426736	38.868	ng	97
56) 4-Nitrophenol	10.05	139	232995	42.332	ng	98
57) 2,4-Dinitrotoluene	10.12	165	373695	44.755	ng	99
58) Fluorene	10.49	166	1087017	39.333	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	338534	39.053	ng	98
60) Diethylphthalate	10.35	149	1127342	38.500	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	573486	39.183	ng	97
62) 4-Nitroaniline	10.50	138	301520	44.448	ng	96
63) Azobenzene	10.63	77	1077672	37.974	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	181282	47.652	ng	97
66) n-Nitrosodiphenylamine	10.59	169	976697	39.167	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	391870	39.031	ng	96
68) Hexachlorobenzene	11.04	284	432380	39.191	ng	97
69) Atrazine	11.12	200	302526	37.293	ng	99
70) Pentachlorophenol	11.23	266	252962	40.496	ng	96
71) Phenanthrene	11.45	178	1620779	38.805	ng	99
72) Anthracene	11.50	178	1655392	39.248	ng	99
73) Carbazole	11.65	167	1522195	40.453	ng	99
74) Di-n-butylphthalate	11.97	149	1735771	39.215	ng	100
75) Fluoranthene	12.63	202	1771678	38.879	ng	99
77) Benzidine	12.74	184	754062	38.634	ng	99
78) Pyrene	12.86	202	1798596	39.262	ng	100
80) Butylbenzylphthalate	13.47	149	754005	41.834	ng	94
81) Benzo(a)anthracene	14.06	228	1711667	44.349	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	666249	47.097	ng	# 99
83) Chrysene	14.10	228	1617699	43.038	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1036252	45.189	ng	100
85) Di-n-octyl phthalate	14.66	149	1692523	47.154	ng	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	1505023	42.271	ng	98
88) Benzo(b)fluoranthene	15.13	252	1712616	40.465	ng	99
89) Benzo(k)fluoranthene	15.16	252	1375017	37.769	ng	99
90) Benzo(a)pyrene	15.50	252	1442742	39.411	ng	100
91) Dibenzo(a,h)anthracene	17.09	278	1242026	36.143	ng	100
92) Benzo(g,h,i)perylene	17.52	276	1210361	34.901	ng	99

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

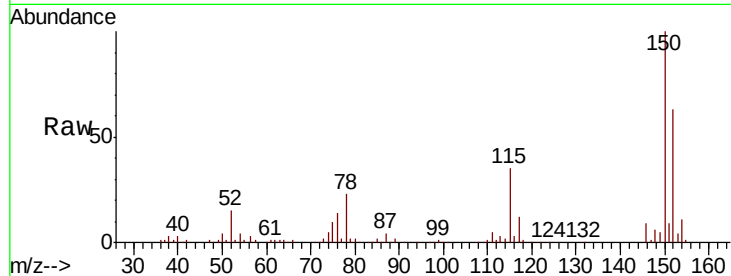


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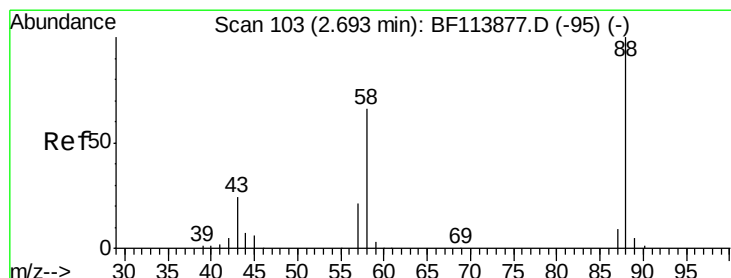
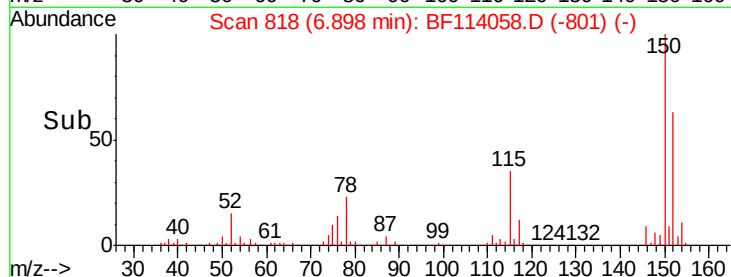
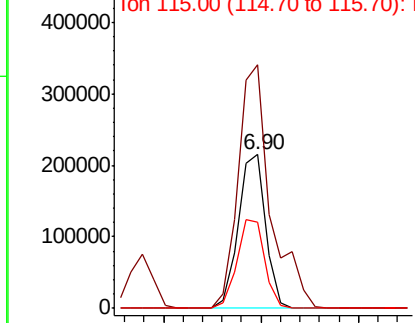
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 208624
Ion Ratio Lower Upper
152 100
150 158.6 125.9 188.9
115 56.0 45.9 68.9



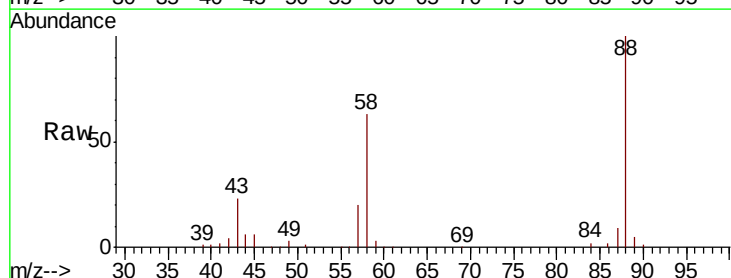
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



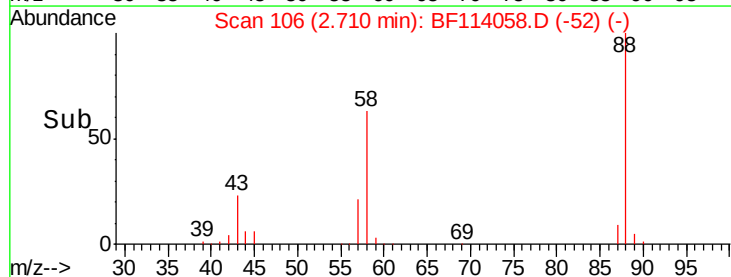
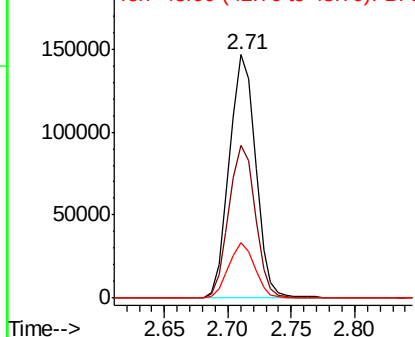
#2

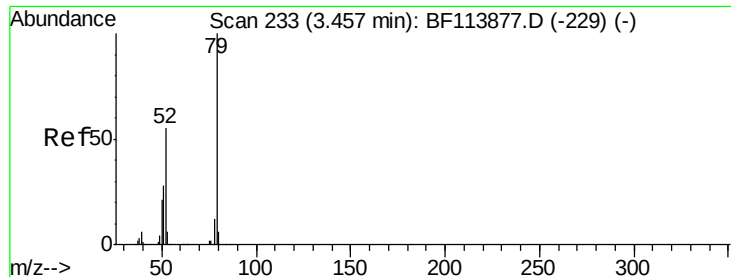
1,4-Dioxane
Concen: 36.350 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.02 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion: 88 Resp: 209009
Ion Ratio Lower Upper
88 100
58 63.6 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: 38.749 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

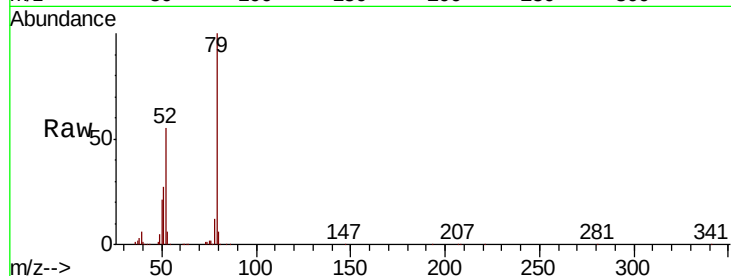
Tot Ion: 79 Resp: 608157

Ion Ratio Lower Upper

79 100

52 54.7 45.3 67.9

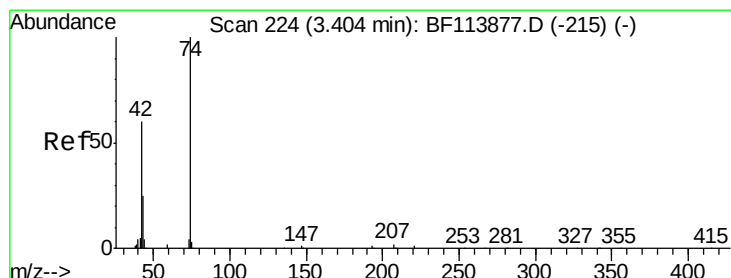
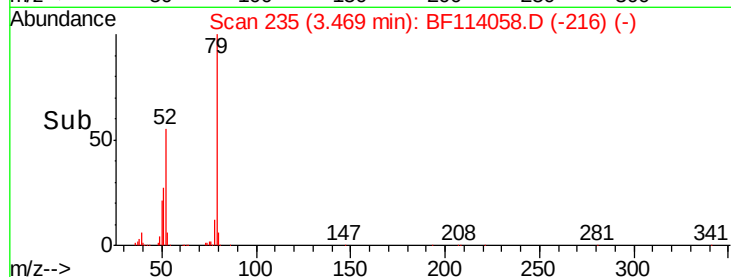
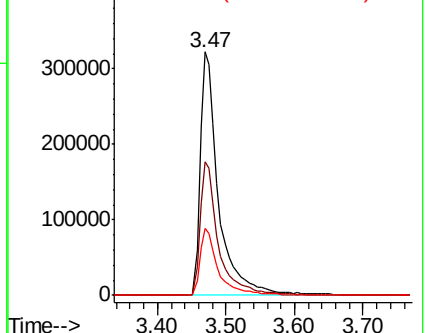
51 27.3 22.1 33.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.909 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.02 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

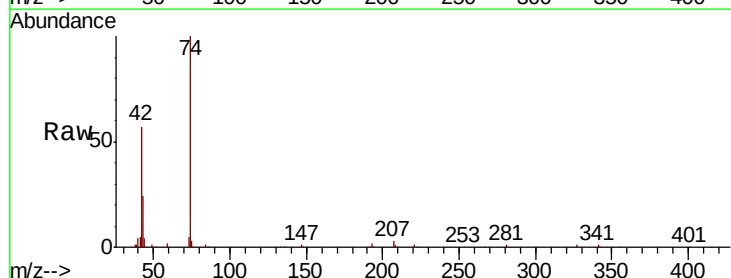
Tgt Ion: 42 Resp: 209037

Ion Ratio Lower Upper

42 100

74 176.0 132.6 198.8

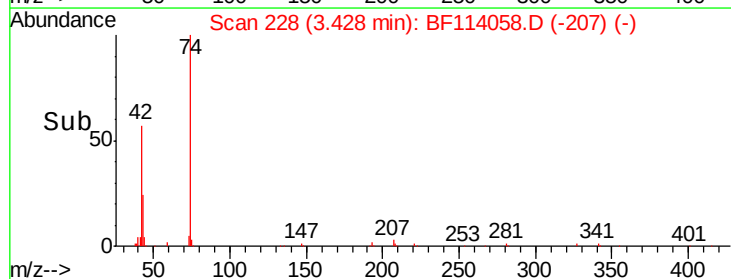
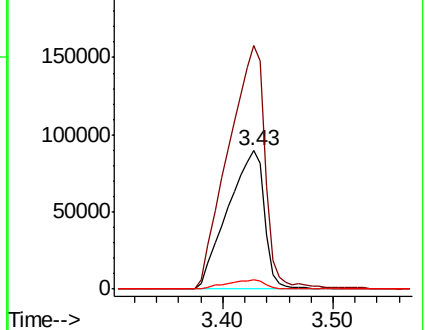
44 6.8 5.8 8.8

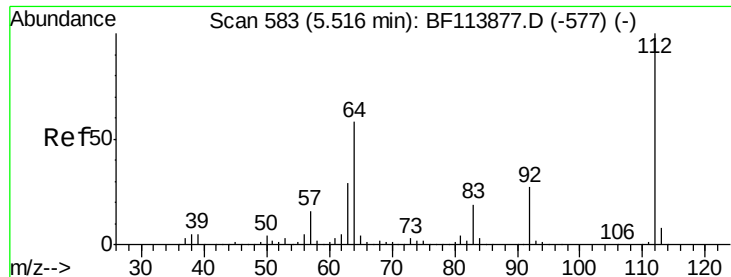


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.144 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

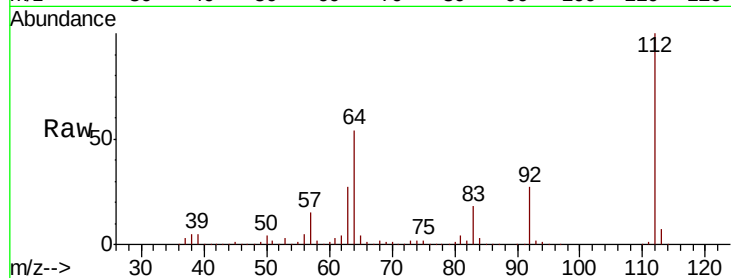
Tot Ion: 112 Resp: 940976

Ion Ratio Lower Upper

112 100

64 53.9 46.6 69.8

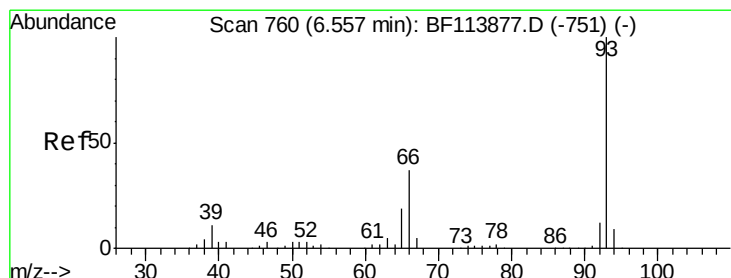
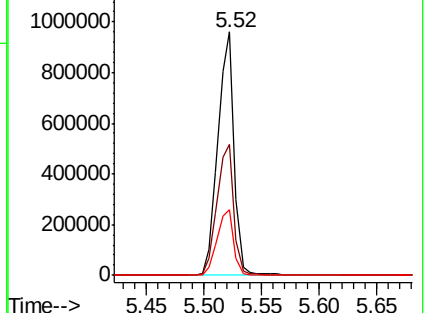
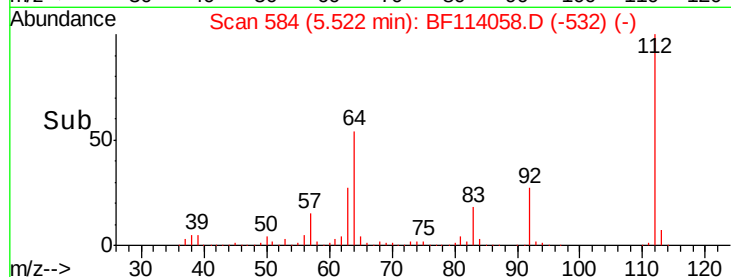
63 26.8 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.865 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

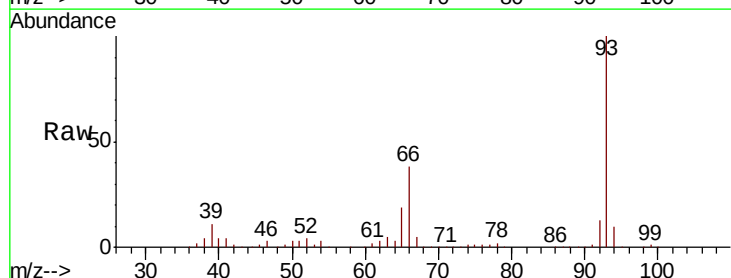
Tgt Ion: 93 Resp: 837729

Ion Ratio Lower Upper

93 100

66 38.2 29.8 44.6

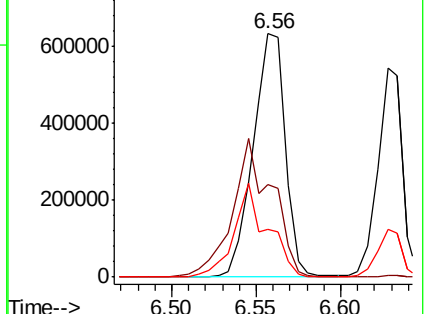
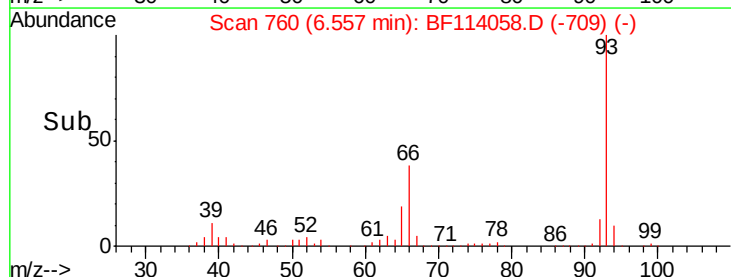
65 19.4 14.9 22.3

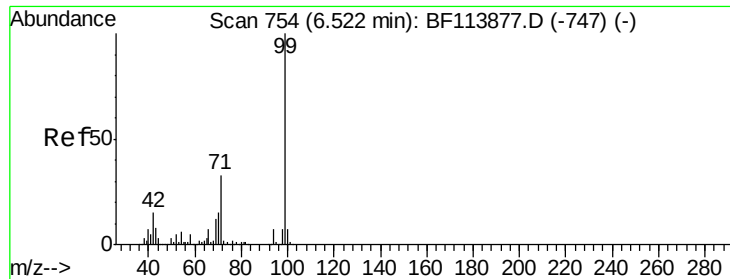


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.641 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

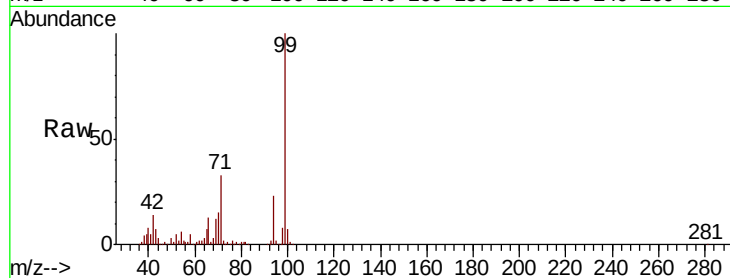
Tot Ion: 99 Resp: 1218780

Ion Ratio Lower Upper

99 100

42 14.5 12.5 18.7

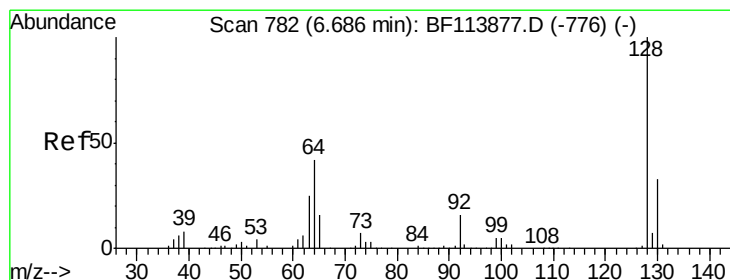
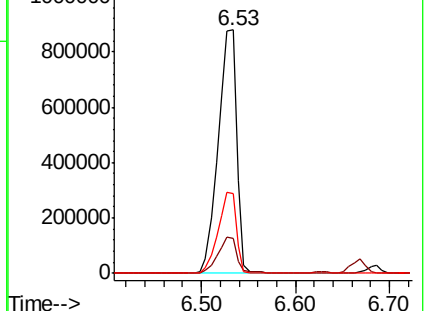
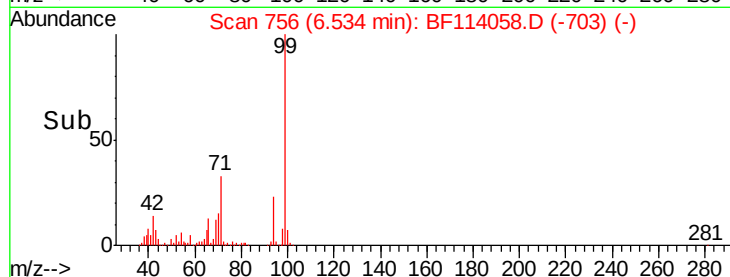
71 32.6 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.214 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

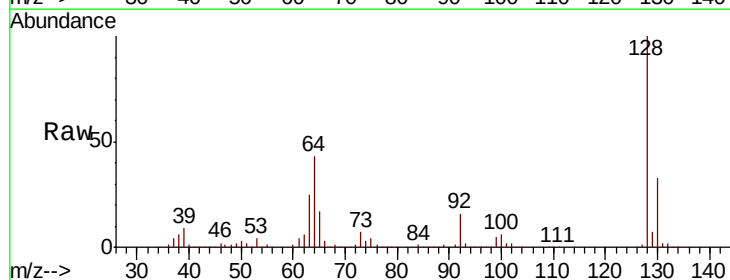
Tgt Ion: 128 Resp: 560022

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

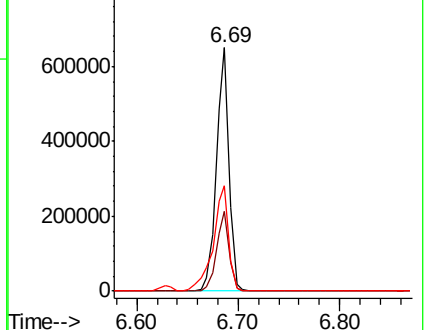
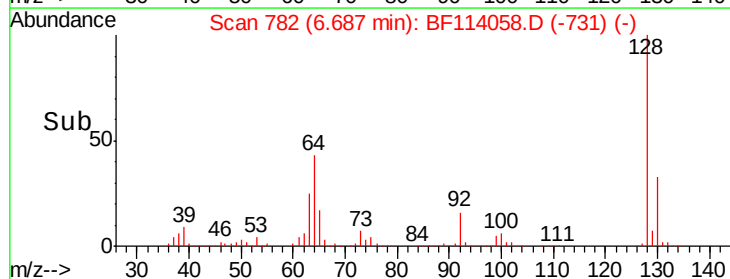
64 43.3 26.1 66.1

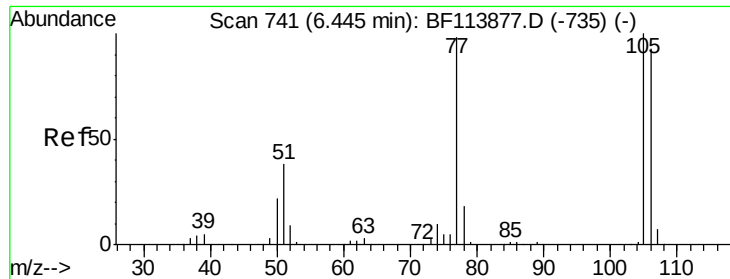


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.302 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

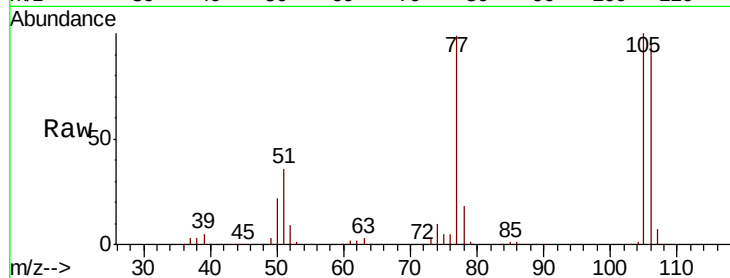
Tot Ion: 77 Resp: 330300

Ion Ratio Lower Upper

77 100

105 100.9 74.1 114.1

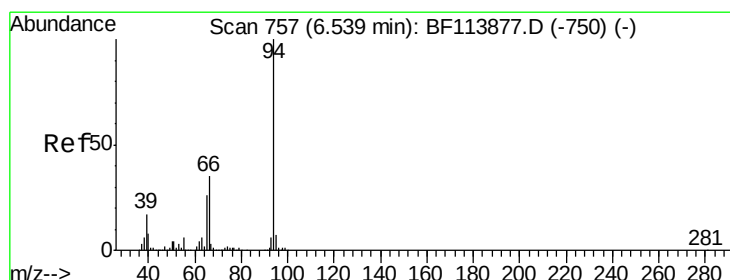
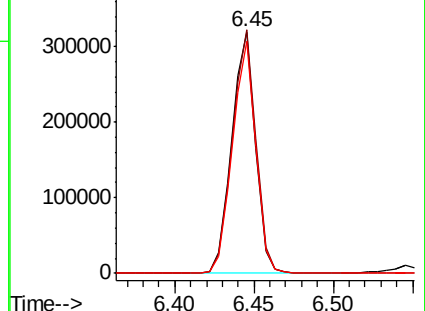
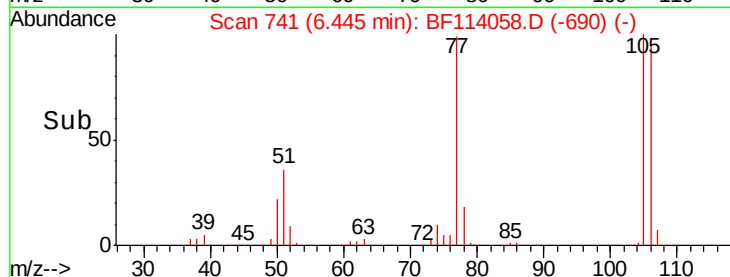
106 96.4 70.3 110.3



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: 39.169 ng

RT: 6.55 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

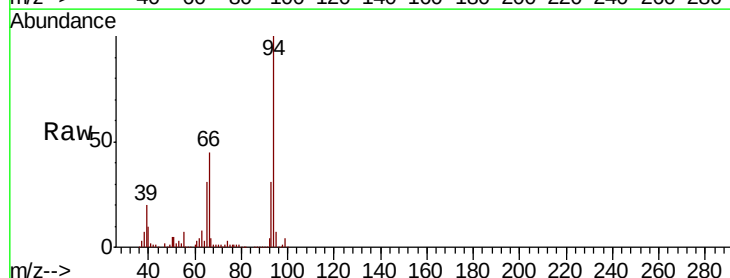
Tgt Ion: 94 Resp: 716763

Ion Ratio Lower Upper

94 100

65 30.6 8.1 48.1

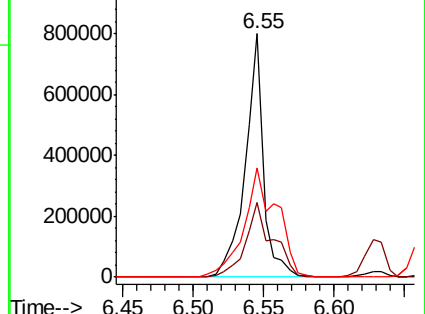
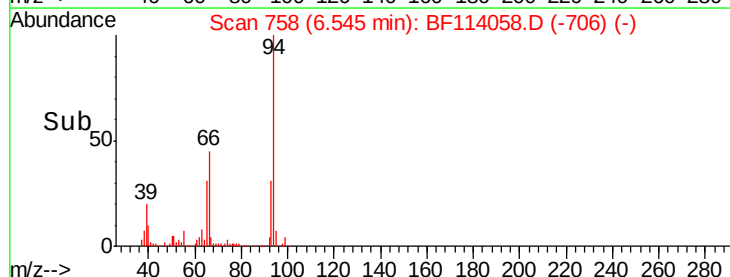
66 44.8 16.6 56.6

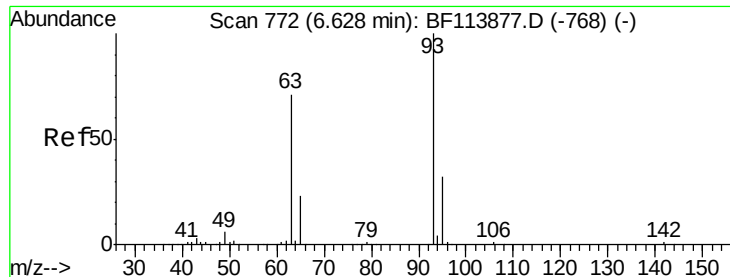


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.787 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

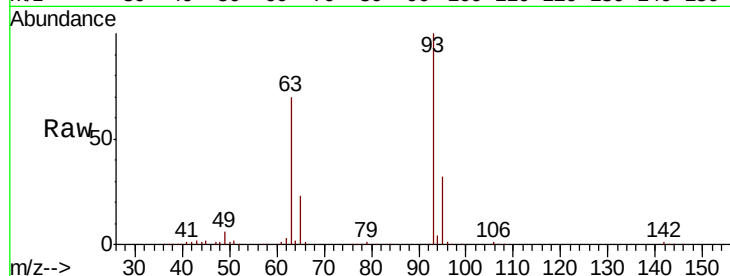
Tot Ion: 93 Resp: 547890

Ion Ratio Lower Upper

93 100

63 70.1 50.7 90.7

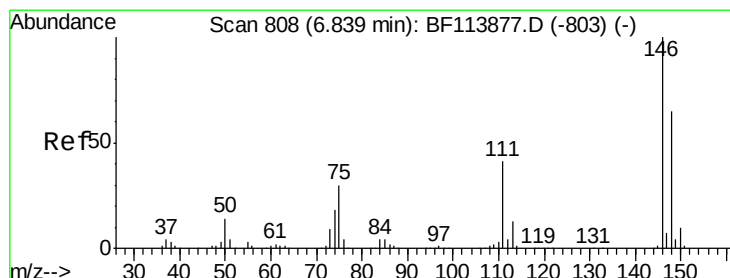
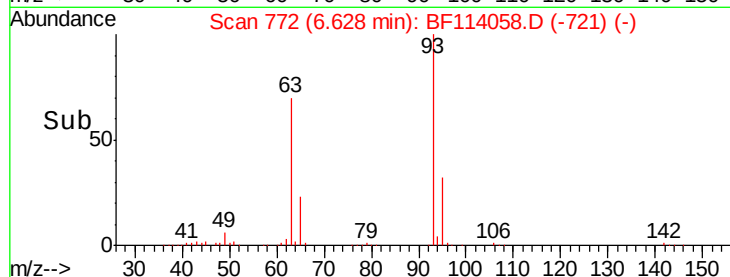
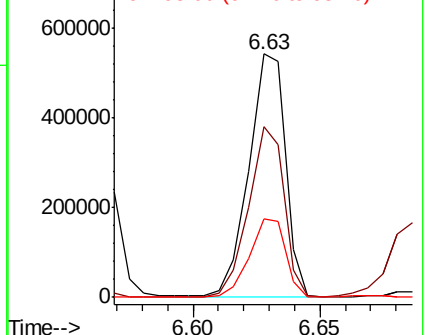
95 32.0 12.3 52.3



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: 39.850 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

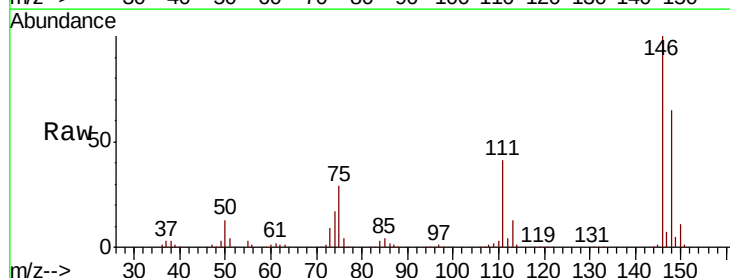
Tgt Ion: 146 Resp: 628523

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

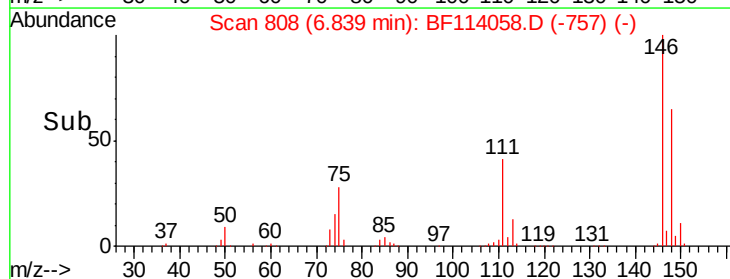
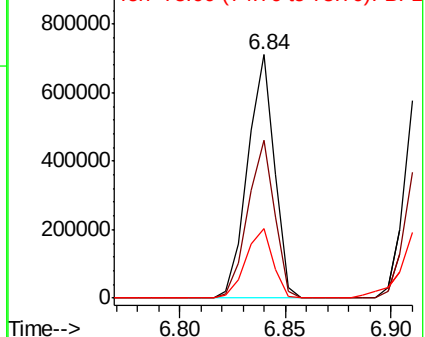
75 28.7 23.8 35.8

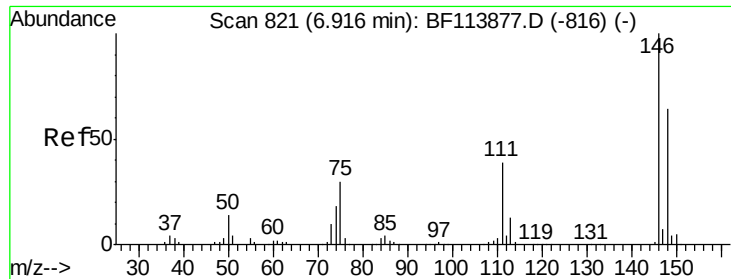


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

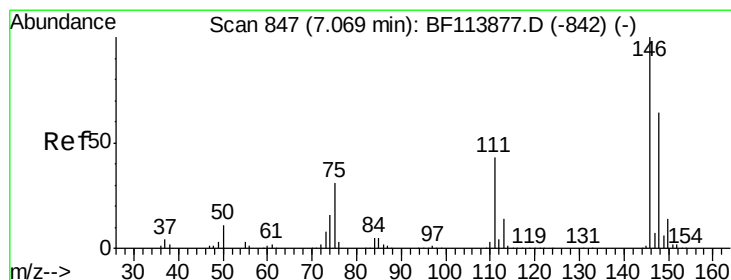
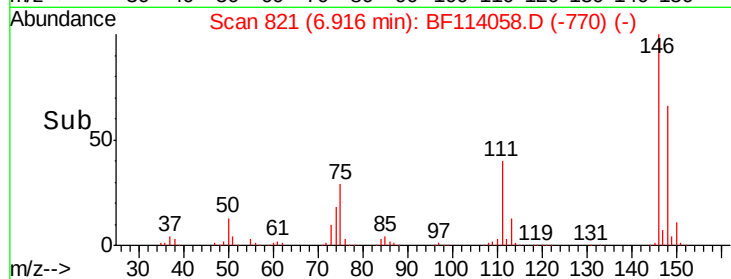
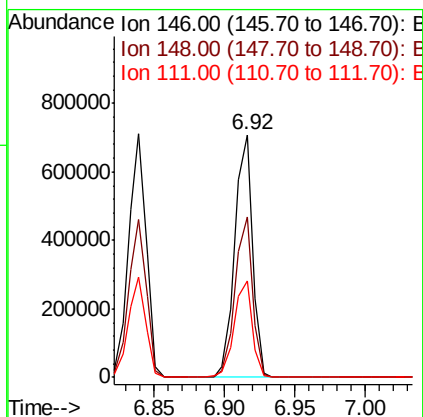
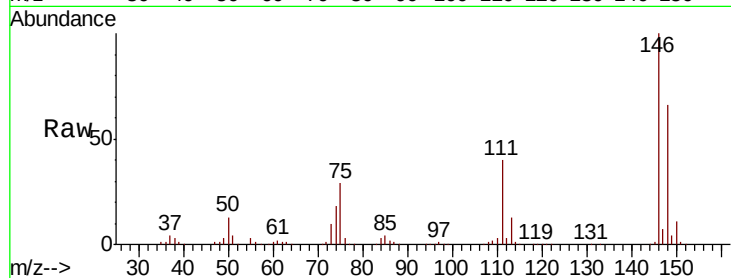




#13
 1,4-Dichlorobenzene
 Concen: 39.387 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF114058.D
 Acq: 1 May 2019 10:15

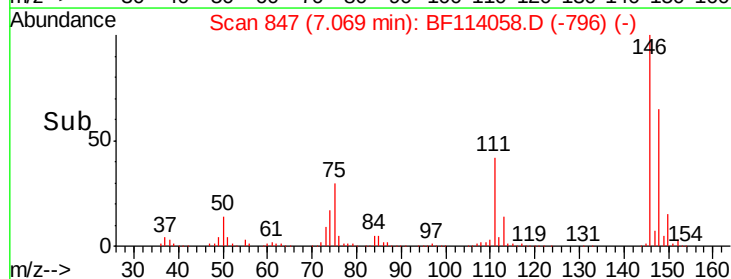
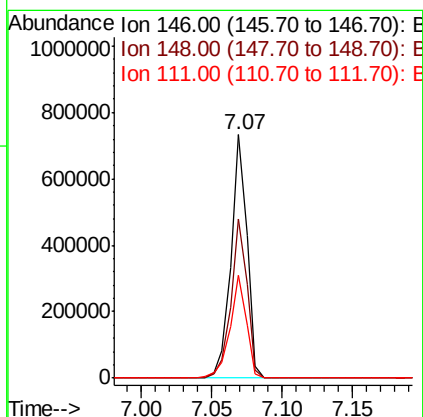
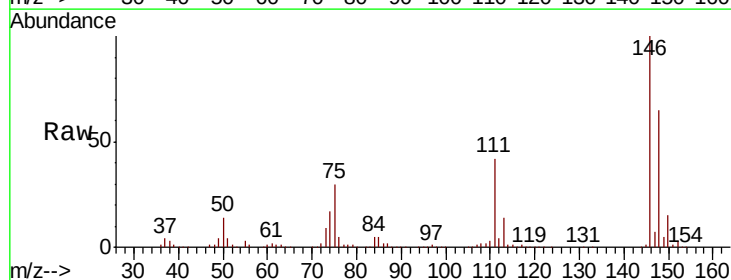
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

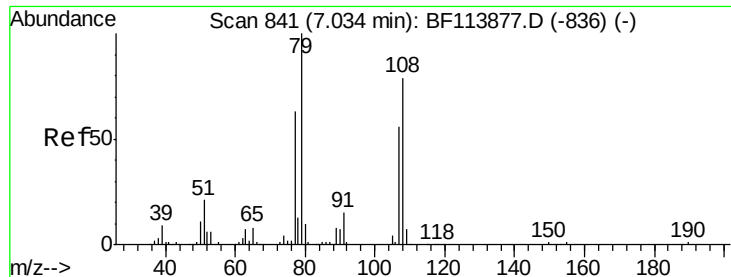
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.8
111	39.6	30.9	46.3



#14
 1,2-Dichlorobenzene
 Concen: 39.795 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF114058.D
 Acq: 1 May 2019 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
111	42.5	34.2	51.4





#15

Benzyl Alcohol

Concen: 47.163 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

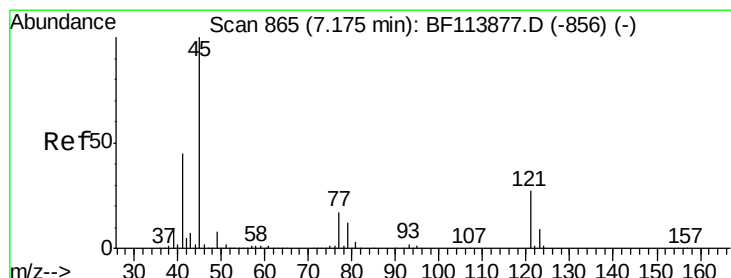
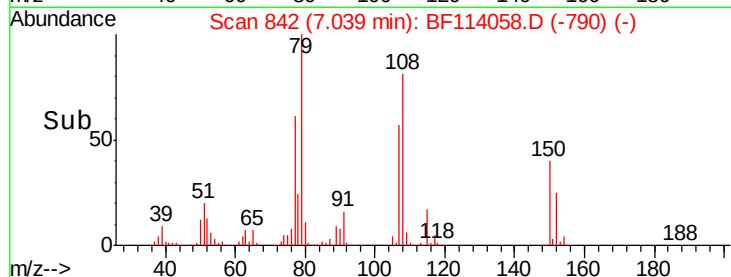
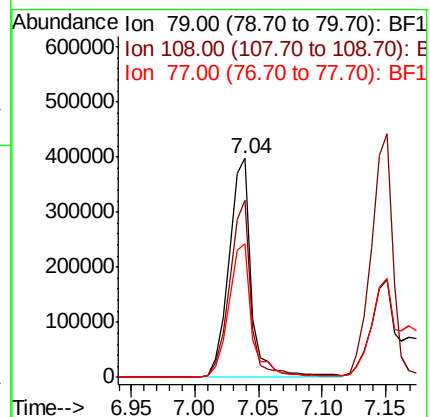
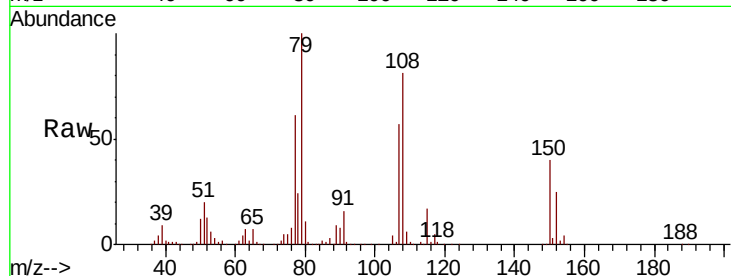
Tot Ion: 79 Resp: 486098

Ion Ratio Lower Upper

79 100

108 80.9 61.4 92.0

77 61.1 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.153 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

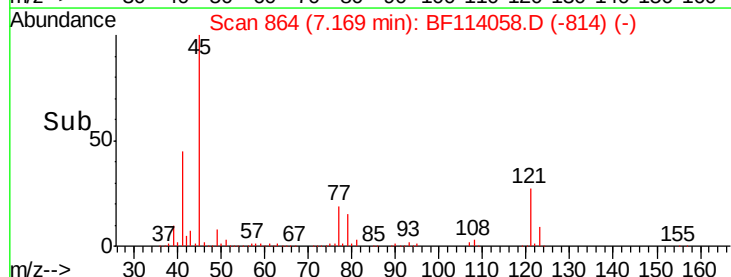
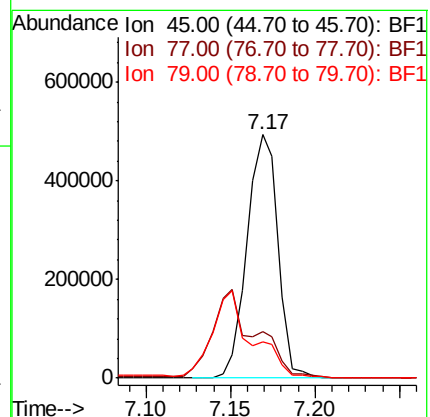
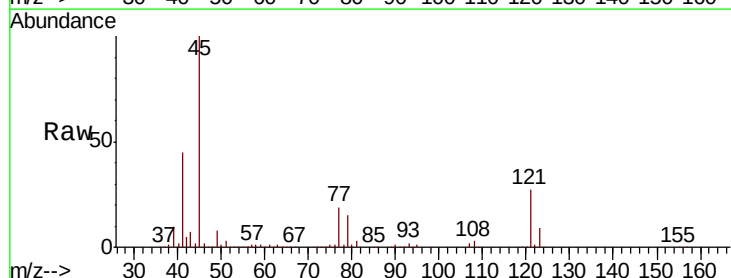
Tgt Ion: 45 Resp: 629381

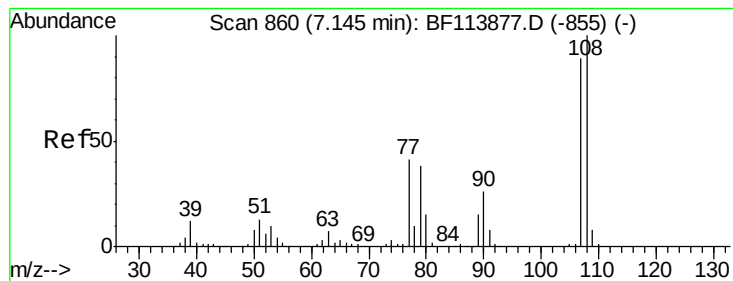
Ion Ratio Lower Upper

45 100

77 19.1 0.0 37.0

79 14.8 0.0 32.7

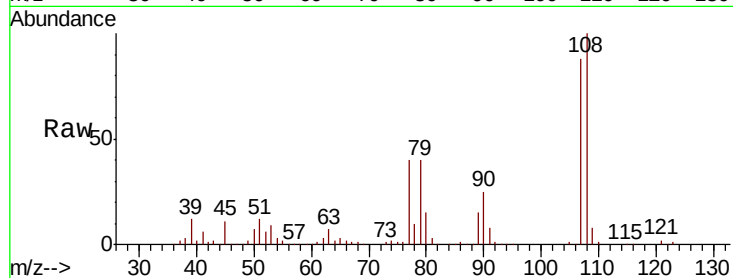




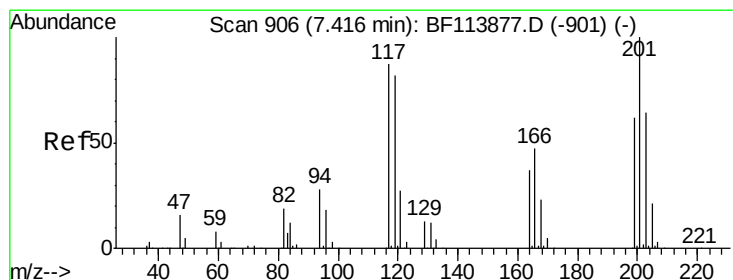
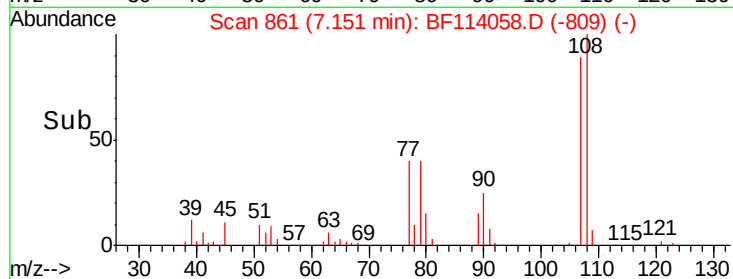
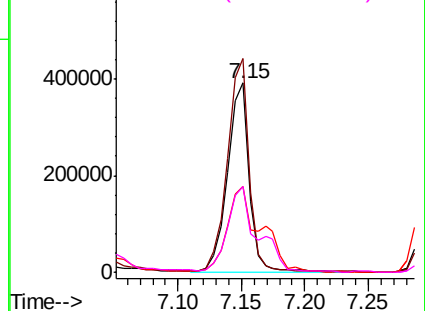
#17
2-Methylphenol
Concen: 37.587 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 458829
Ion Ratio Lower Upper
107 100
108 113.0 91.5 137.3
77 45.7 36.2 54.4
79 45.4 35.4 53.0

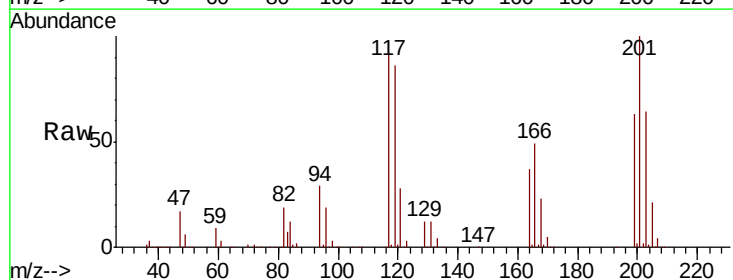


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

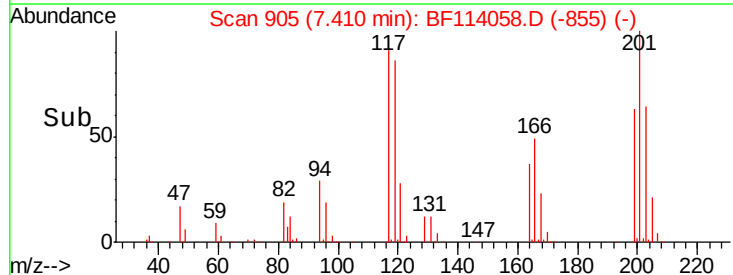
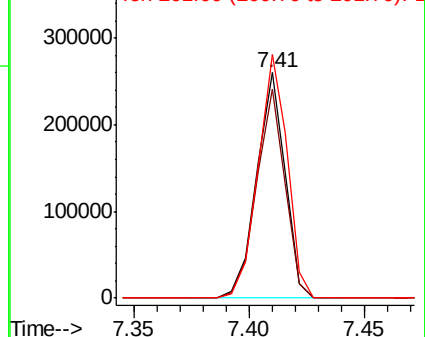


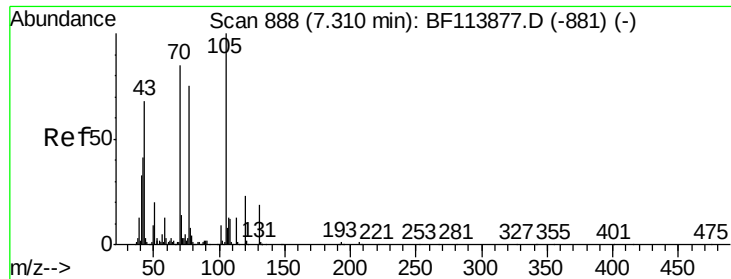
#18
Hexachloroethane
Concen: 40.135 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:117 Resp: 223192
Ion Ratio Lower Upper
117 100
119 93.0 74.4 111.6
201 108.2 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

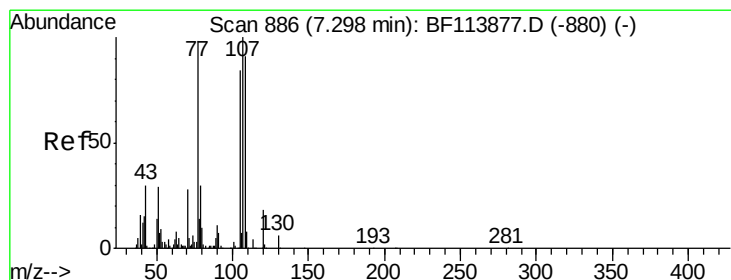
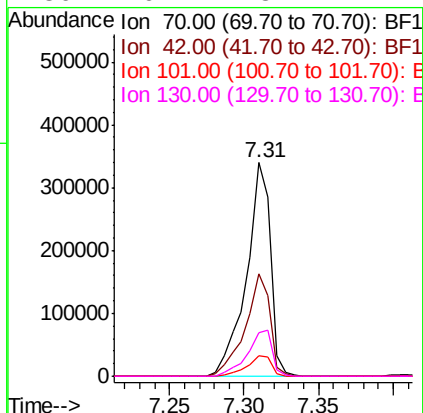
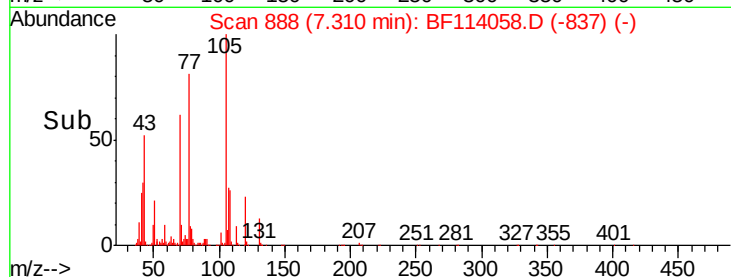
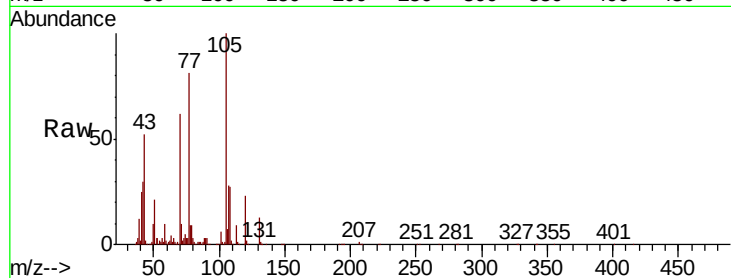




#19
n-Nitroso-di-n-propylamine
Concen: 38.276 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

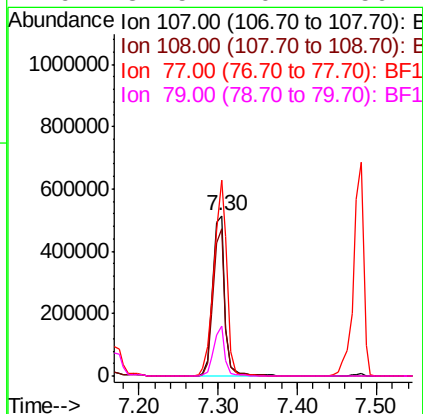
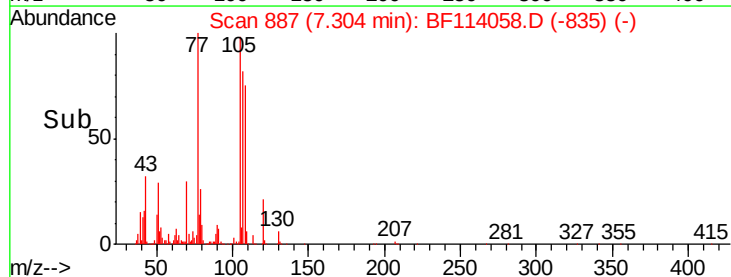
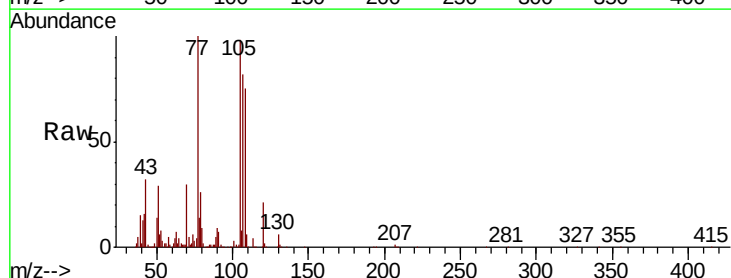
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

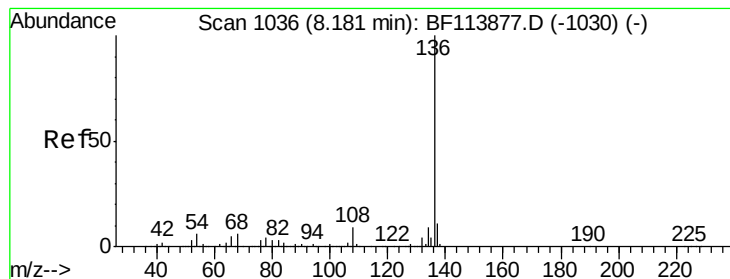
Tot Ion:	70	Resp:	379329
Ion	Ratio	Lower	Upper
70	100		
42	48.0	37.3	55.9
101	9.4	7.8	11.8
130	20.7	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.065 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:	107	Resp:	538777
Ion	Ratio	Lower	Upper
107	100		
108	91.9	70.1	110.1
77	121.9	52.9	92.9#
79	31.5	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 817635

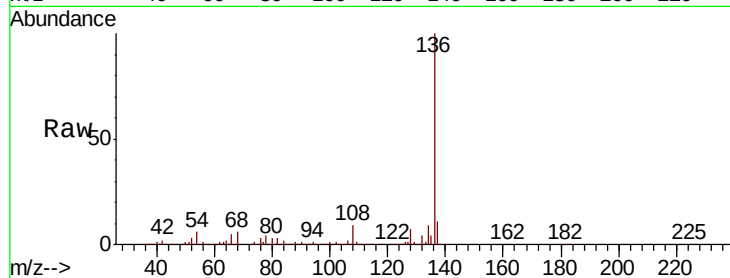
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.2 5.0 7.6

68 6.1 4.9 7.3

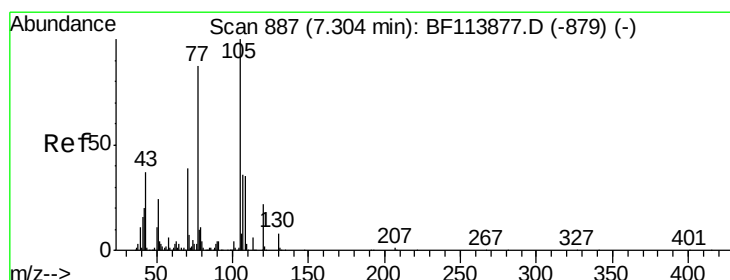
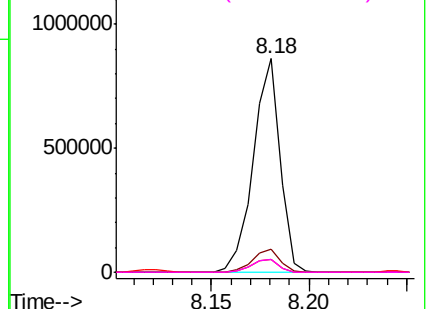
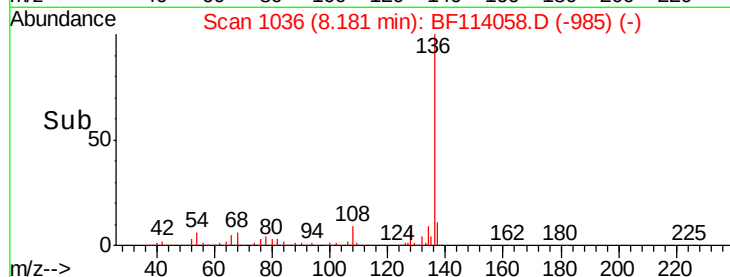


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.043 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Tgt Ion:105 Resp: 710391

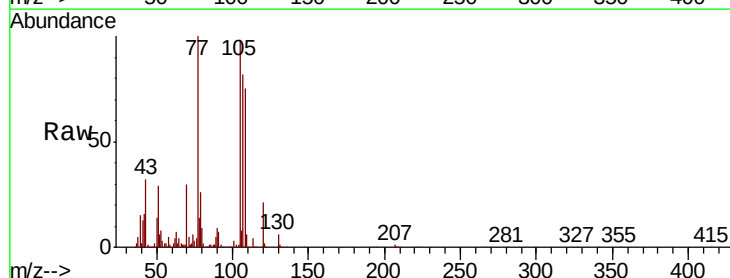
Ion Ratio Lower Upper

105 100

71 5.5 6.1 9.1#

51 30.1 16.8 25.2#

120 21.5 17.6 26.4

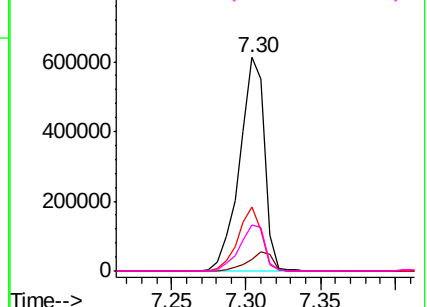
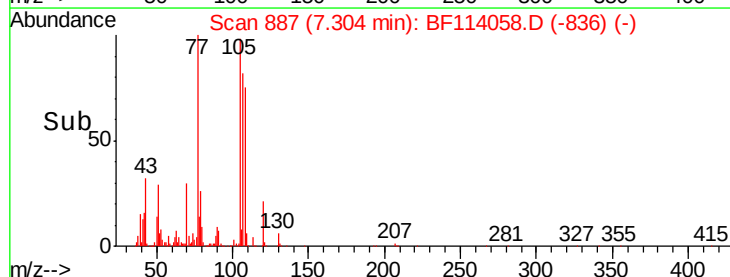


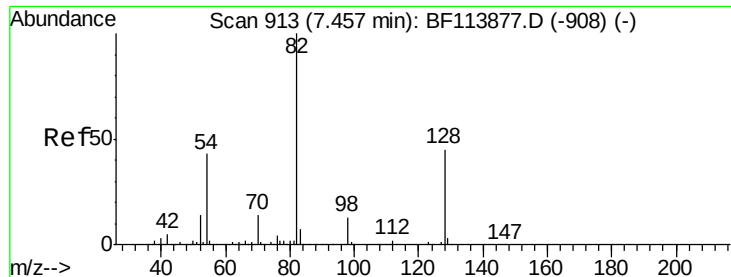
Abundance Ion 105.00 (104.70 to 105.70): E

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

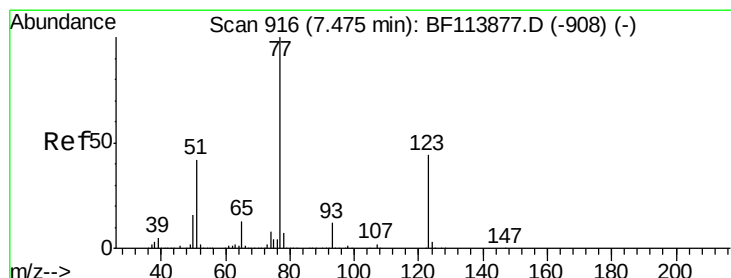
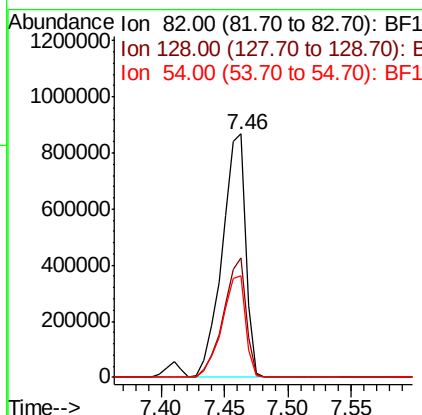
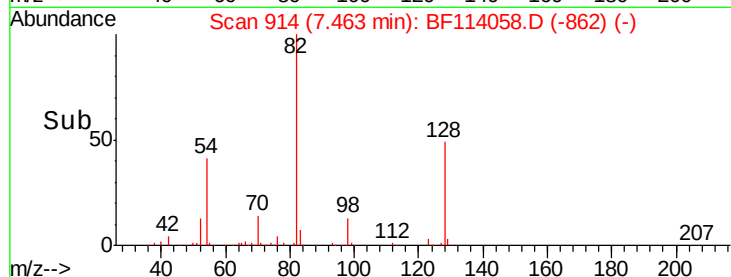
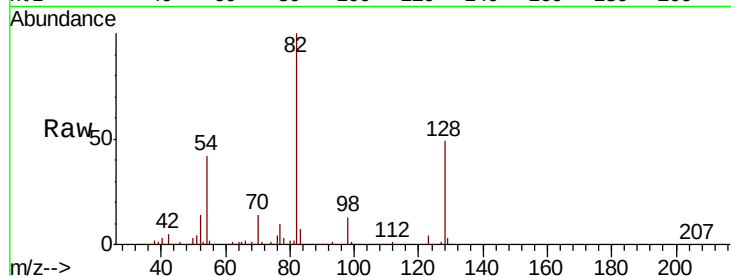




#23
Nitrobenzene-d5
Concen: 84.113 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

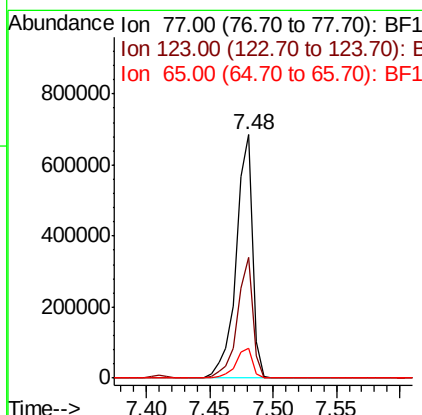
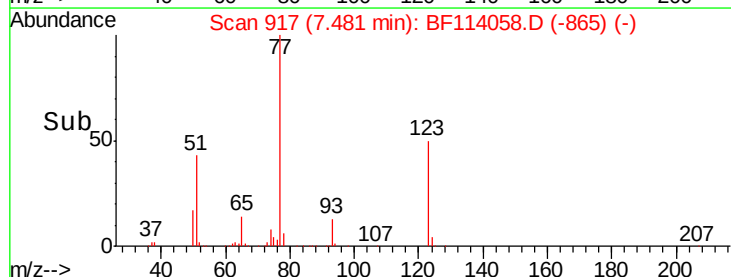
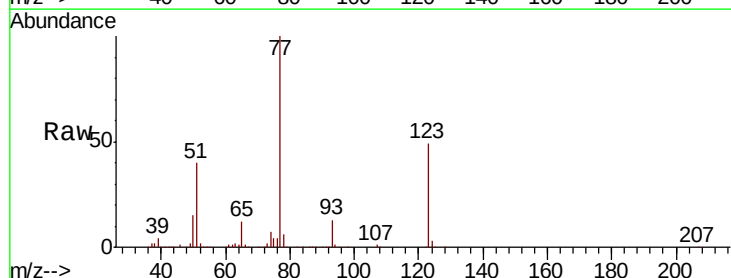
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

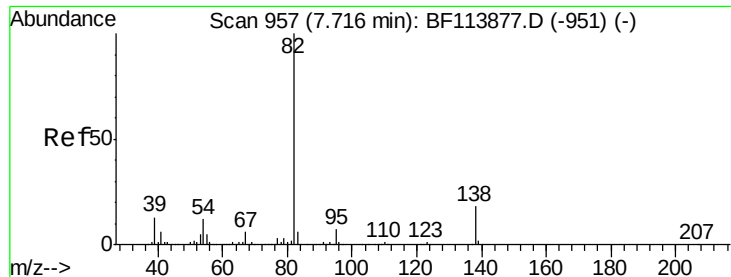
Tot Ion: 82 Resp: 1113857
Ion Ratio Lower Upper
82 100
128 49.3 36.8 55.2
54 41.9 33.8 50.6



#24
Nitrobenzene
Concen: 41.138 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion: 77 Resp: 601945
Ion Ratio Lower Upper
77 100
123 49.4 36.3 54.5
65 12.3 10.3 15.5





#25

Isophorone

Concen: 38.866 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

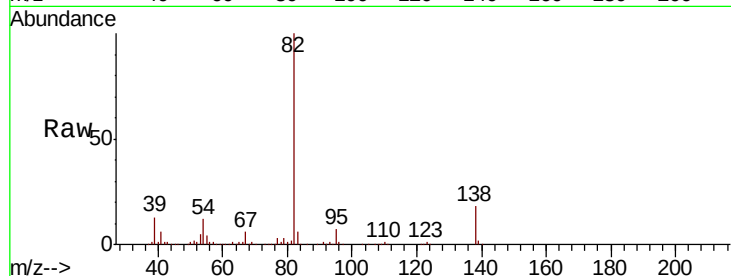
Tot Ion: 82 Resp: 1053107

Ion Ratio Lower Upper

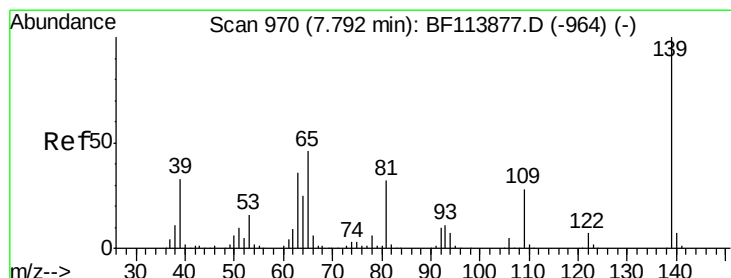
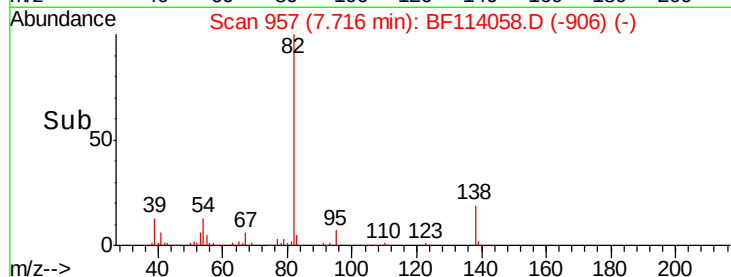
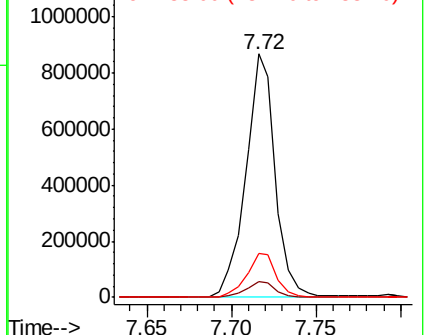
82 100

95 6.6 5.4 8.2

138 17.9 14.6 22.0



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



#26

2-Nitrophenol

Concen: 46.491 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

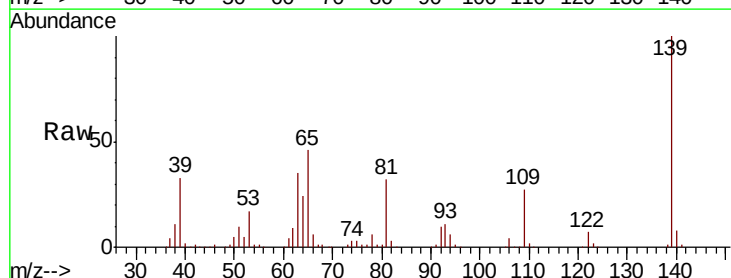
Tgt Ion: 139 Resp: 310344

Ion Ratio Lower Upper

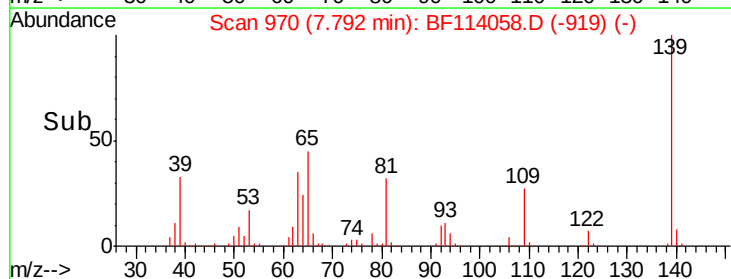
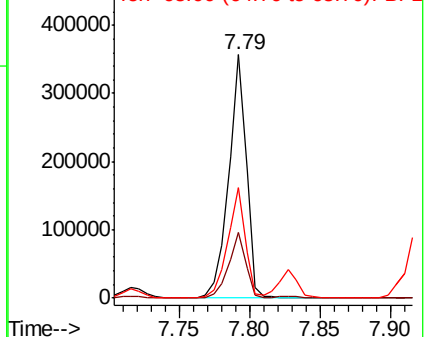
139 100

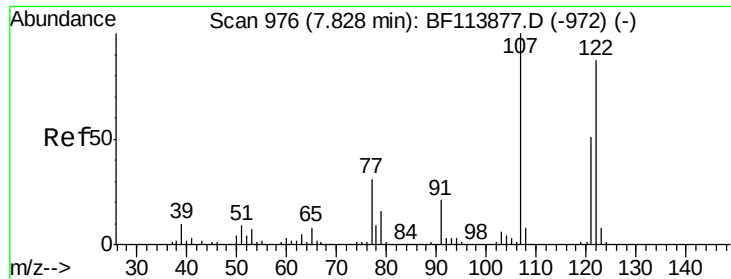
109 26.9 20.6 31.0

65 45.6 34.6 52.0



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

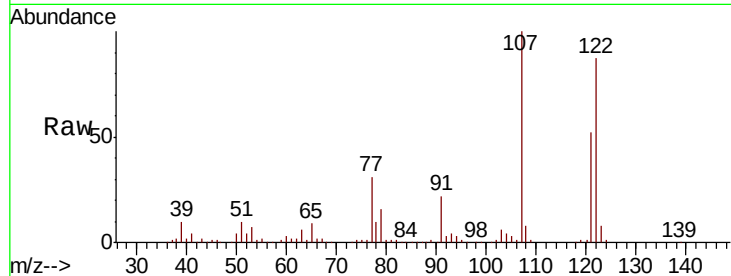




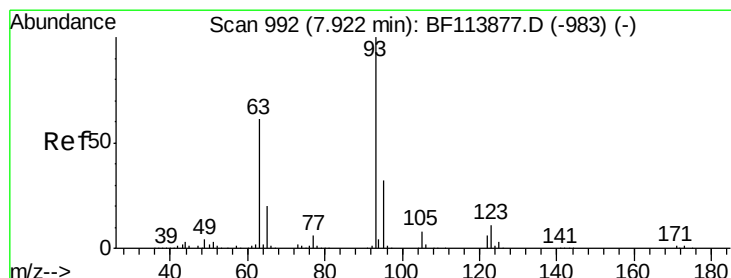
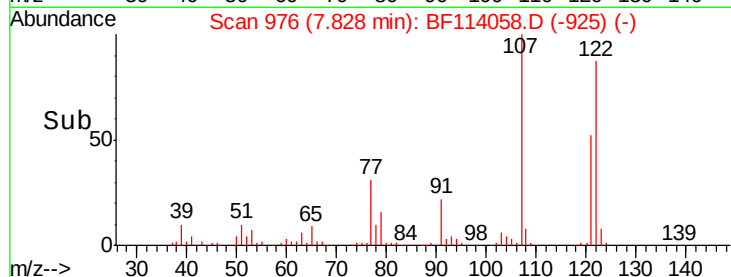
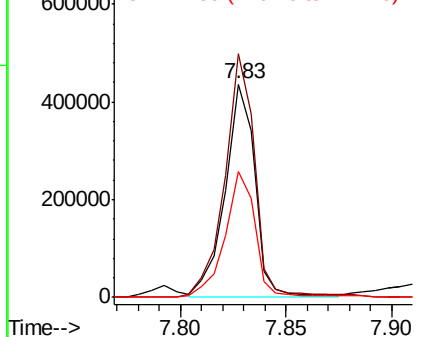
#27
2,4-Dimethylphenol
Concen: 39.285 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 427260
Ion Ratio Lower Upper
122 100
107 114.4 91.2 136.8
121 59.0 46.4 69.6

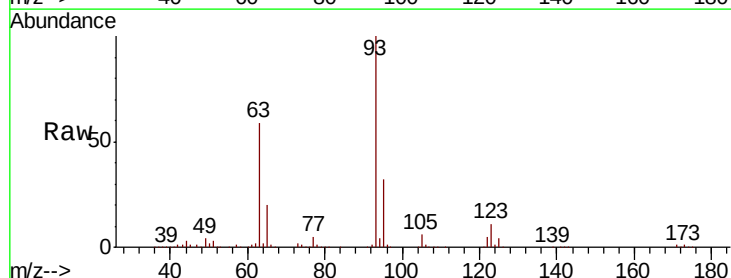


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

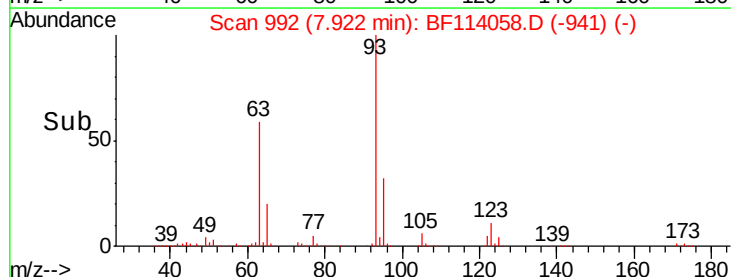
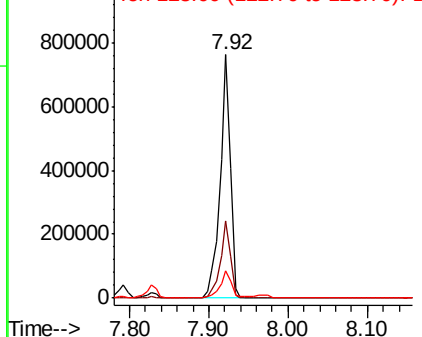


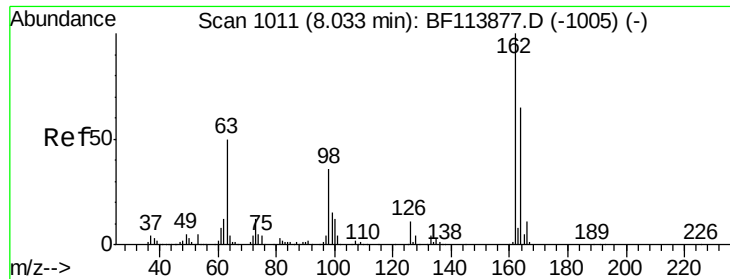
#28
bis(2-Chloroethoxy)methane
Concen: 39.714 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion: 93 Resp: 685701
Ion Ratio Lower Upper
93 100
95 31.8 25.8 38.6
123 11.3 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

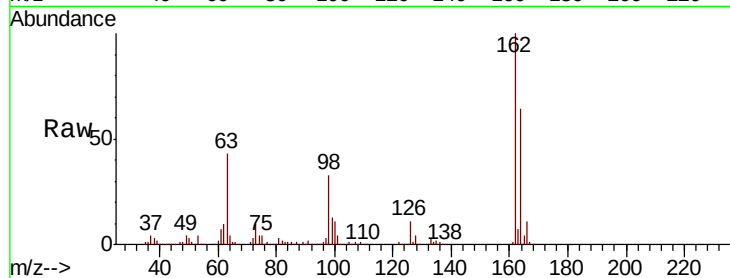




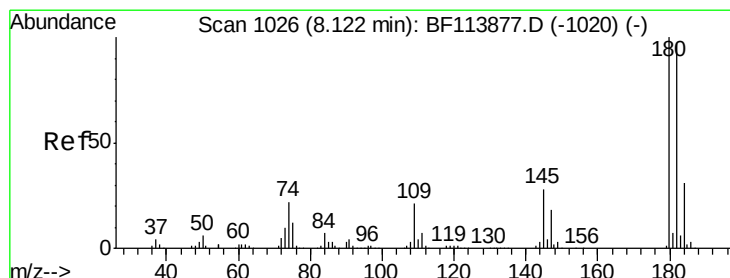
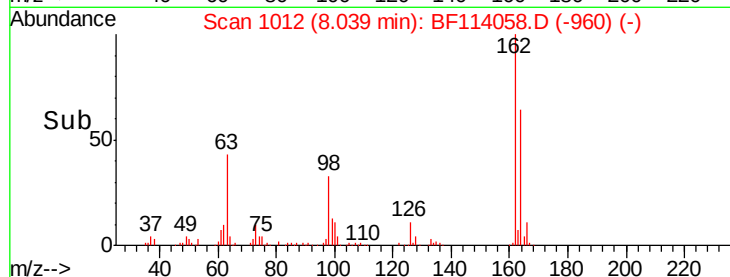
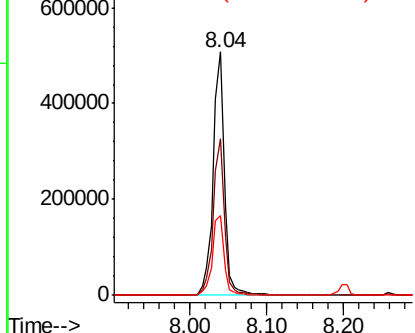
#29
2,4-Dichlorophenol
Concen: 40.633 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 505348
Ion Ratio Lower Upper
162 100
164 64.3 43.7 83.7
98 32.6 15.5 55.5

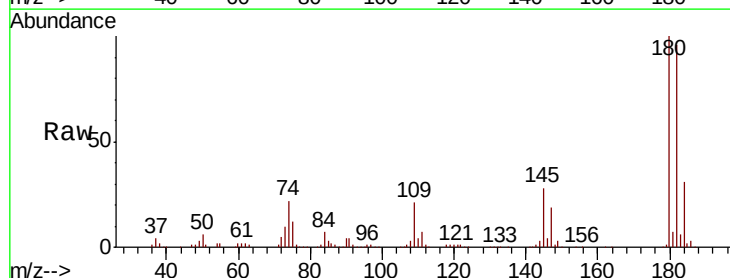


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

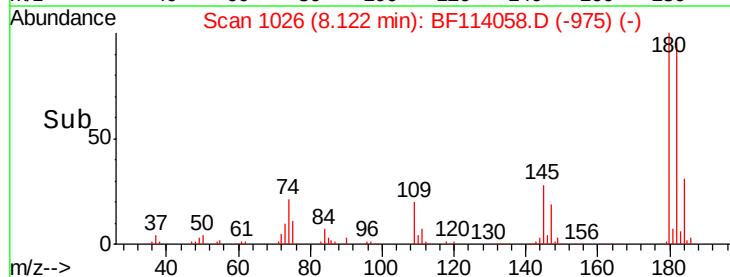
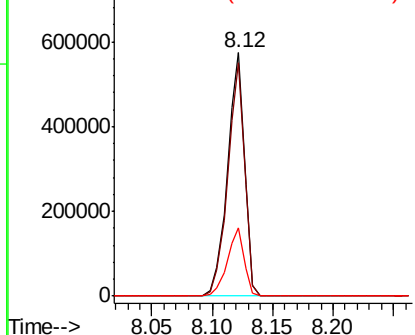


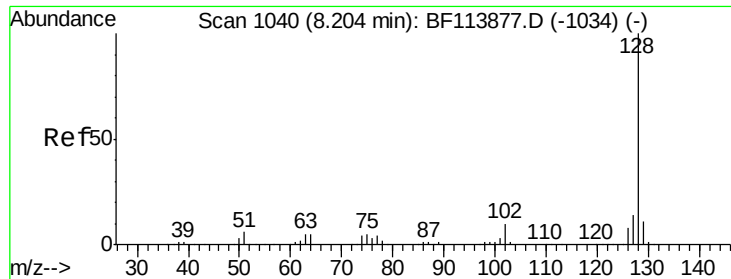
#30
1,2,4-Trichlorobenzene
Concen: 40.421 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:180 Resp: 560526
Ion Ratio Lower Upper
180 100
182 96.1 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

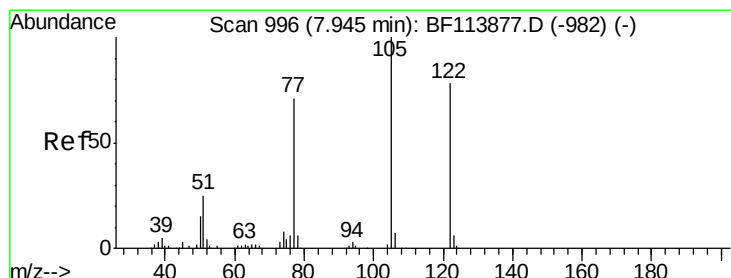
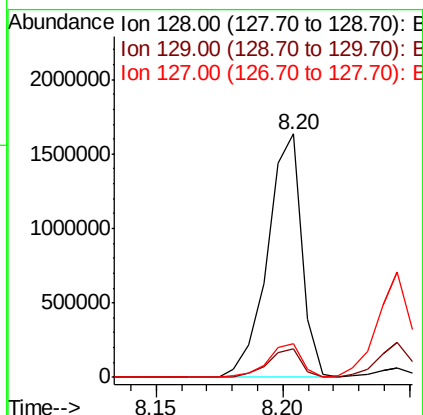
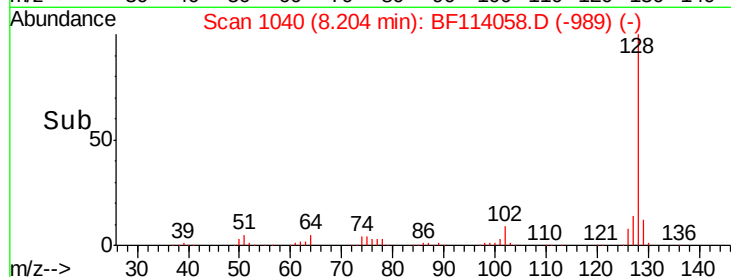
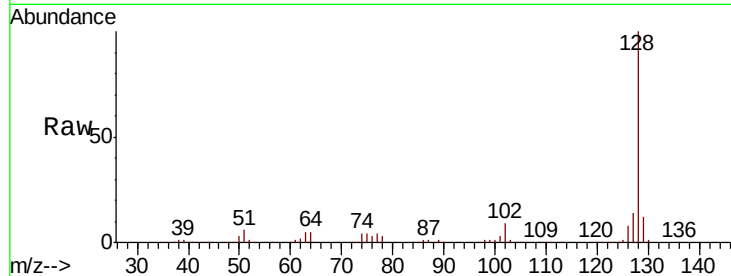




#31
Naphthalene
Concen: 39.941 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

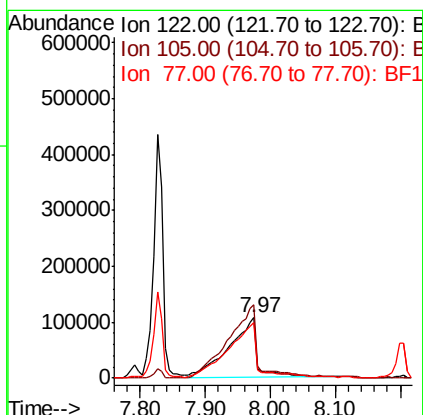
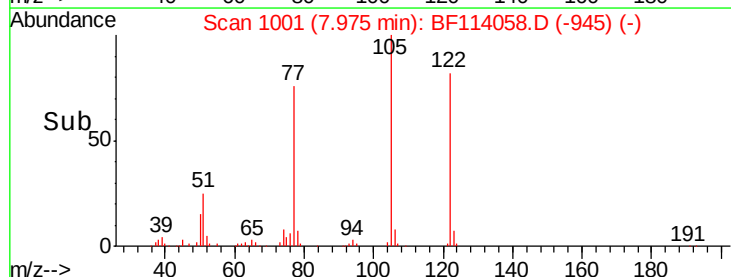
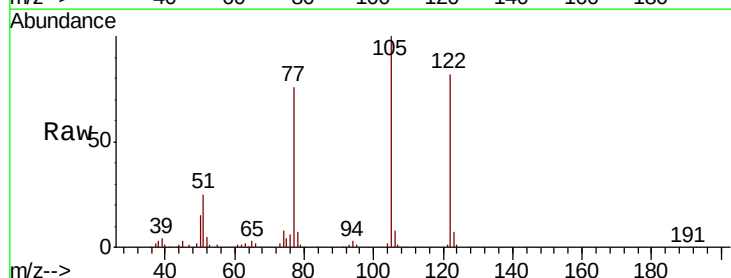
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

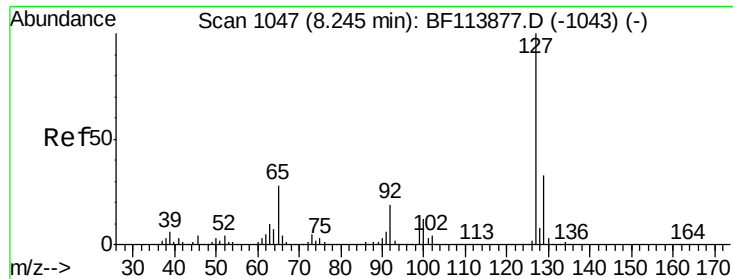
Tot Ion:128 Resp: 1551415
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 44.133 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.03 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:122 Resp: 324144
Ion Ratio Lower Upper
122 100
105 122.3 104.3 144.3
77 92.7 70.4 110.4

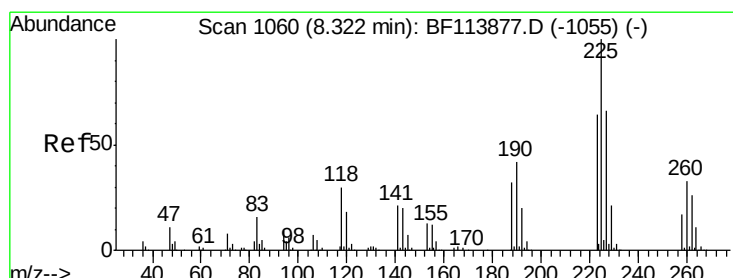
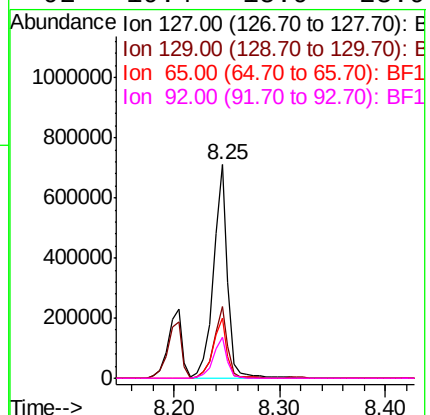
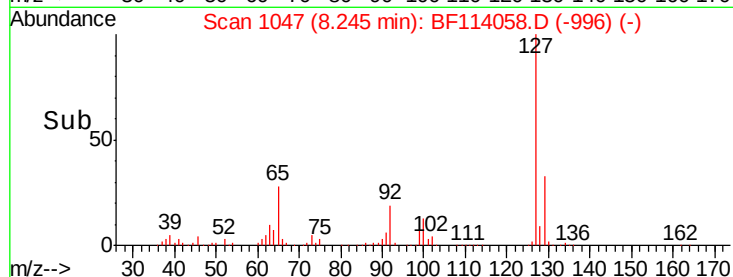
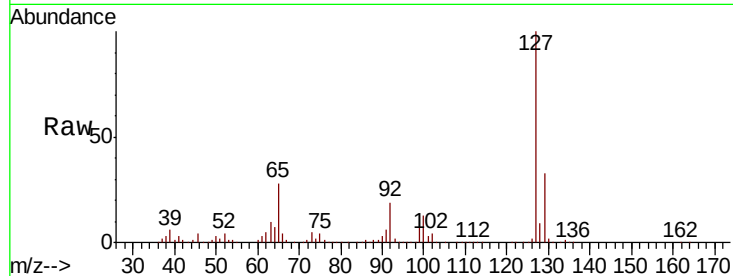




#33
4-Chloroaniline
Concen: 40.508 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

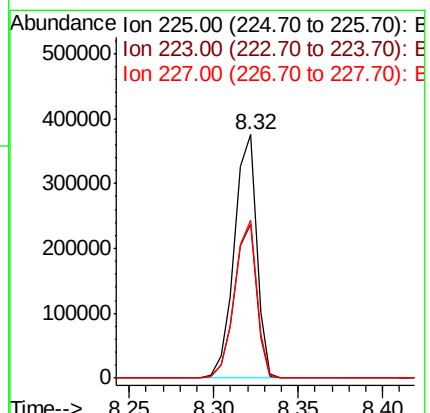
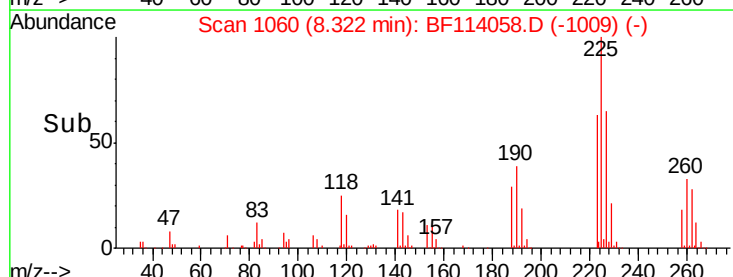
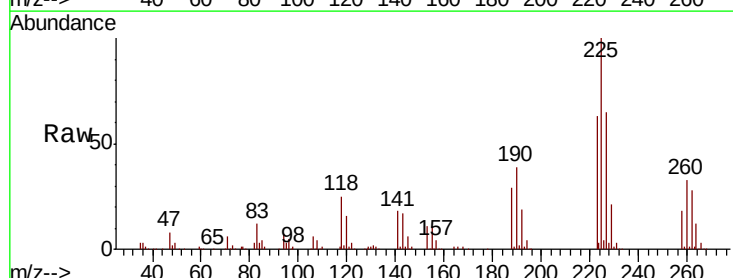
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

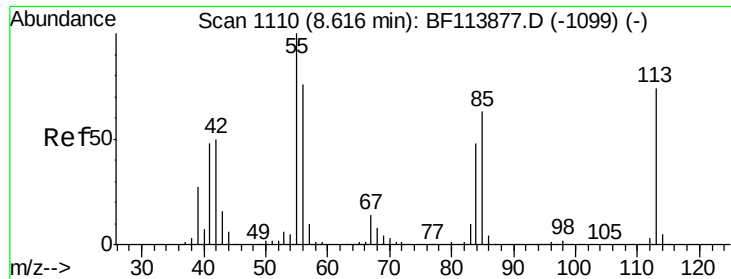
Tot Ion:	127	Resp:	665767
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.4	39.6
65	28.0	24.9	37.3
92	19.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 39.774 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:	225	Resp:	343835
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.1	76.7
227	64.7	49.9	74.9

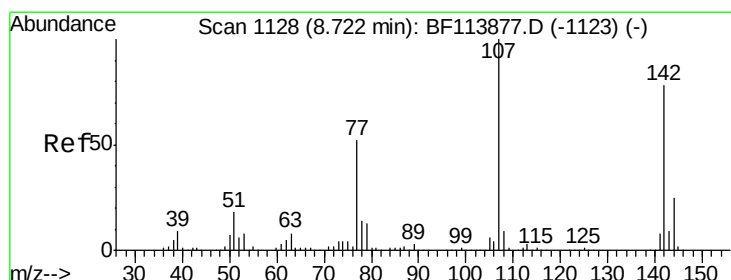
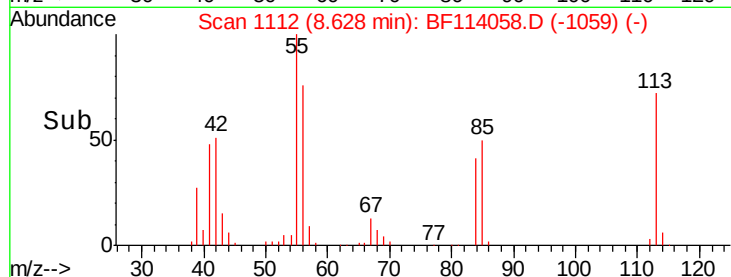
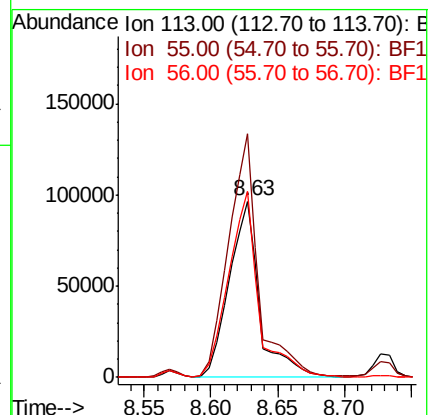
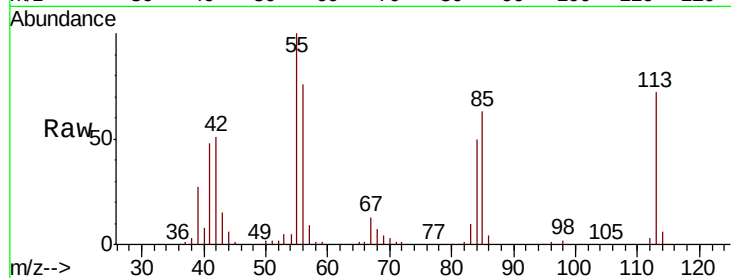




#35
Caprolactam
Concen: 39.082 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

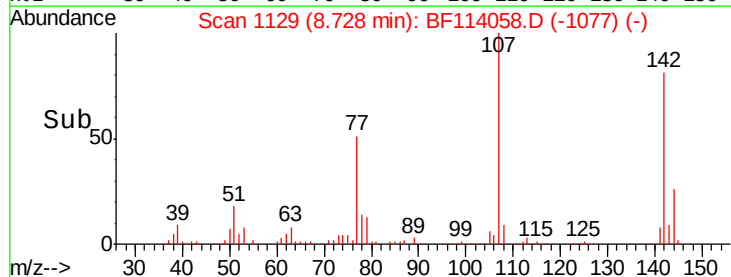
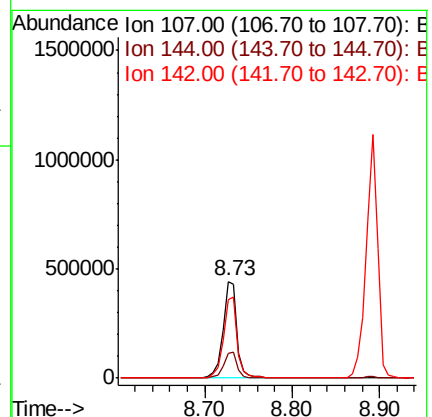
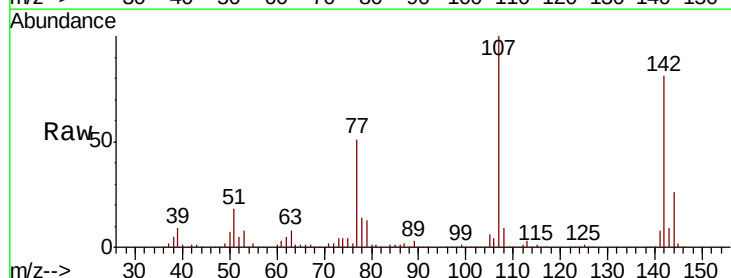
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

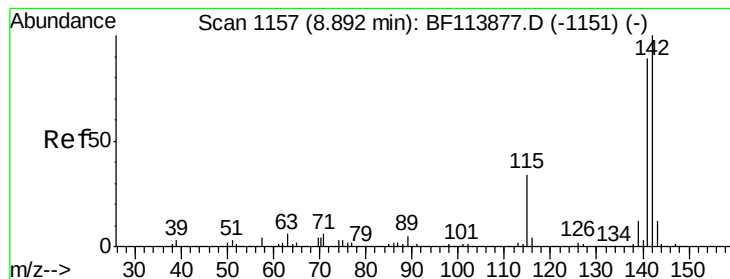
Tot Ion:113 Resp: 154618
Ion Ratio Lower Upper
113 100
55 138.5 128.6 168.6
56 105.6 91.9 131.9



#36
4-Chloro-3-methylphenol
Concen: 39.769 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:107 Resp: 490009
Ion Ratio Lower Upper
107 100
144 25.7 20.5 30.7
142 80.7 64.2 96.4





#37

2-Methylnaphthalene

Concen: 39.362 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

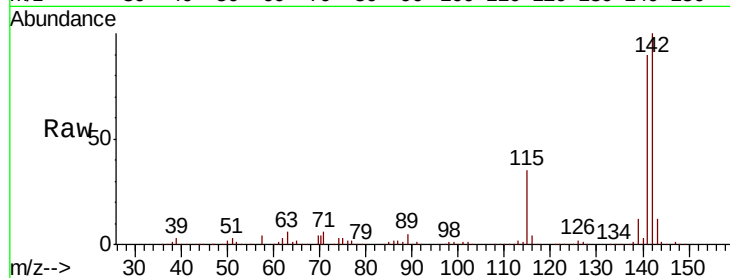
Tot Ion:142 Resp: 1031010

Ion Ratio Lower Upper

142 100

141 90.2 70.4 105.6

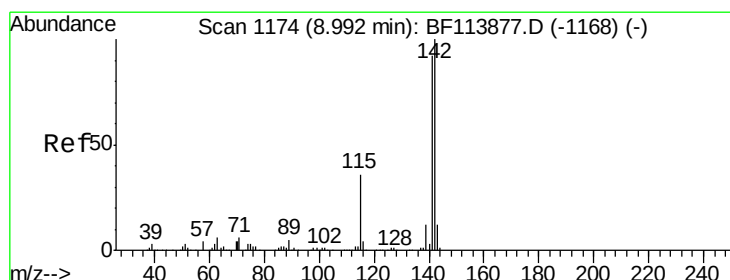
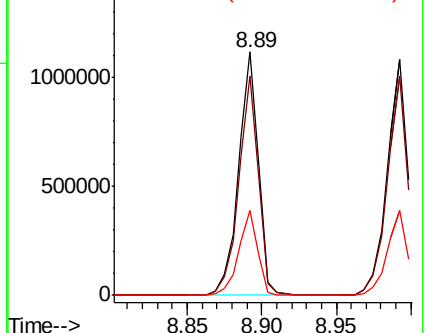
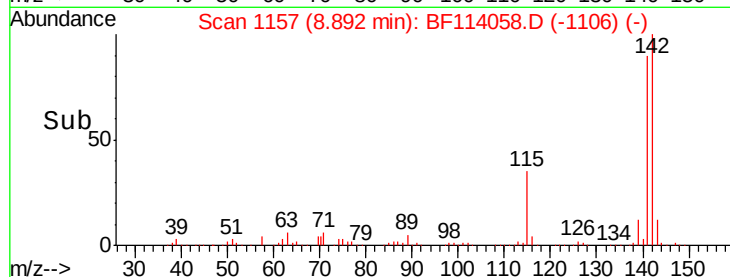
115 34.8 26.3 39.5



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: 39.329 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

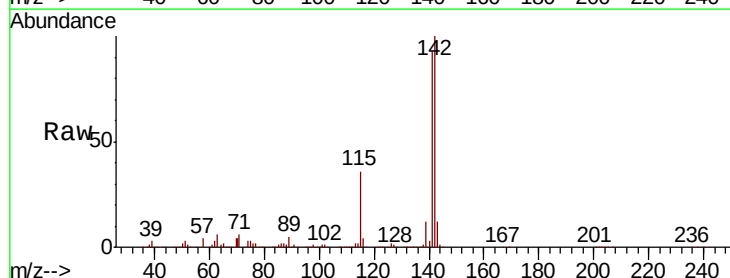
Tgt Ion:142 Resp: 994264

Ion Ratio Lower Upper

142 100

141 93.0 72.3 108.5

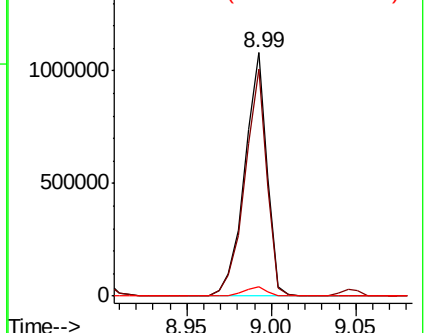
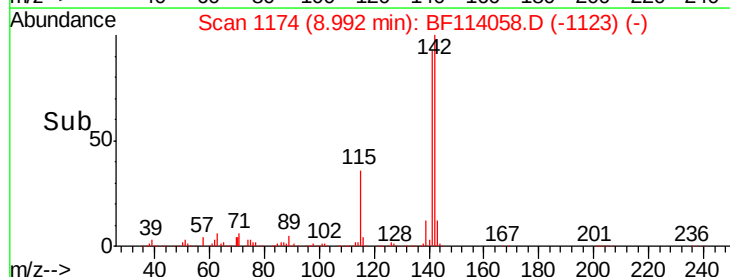
116 3.8 3.0 4.4

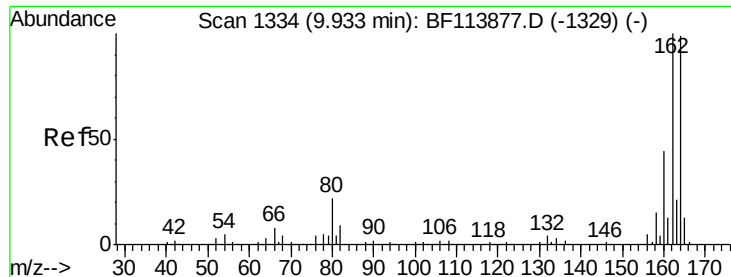


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

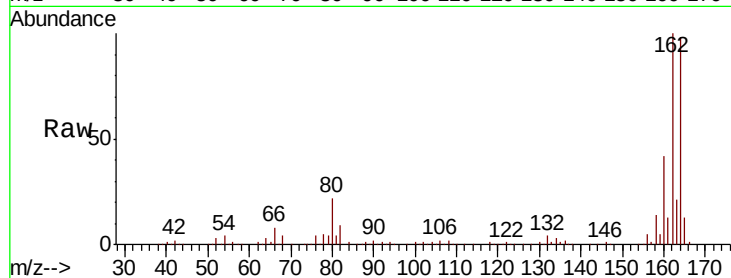
Tot Ion:164 Resp: 426357

Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

160 42.7 35.8 53.6

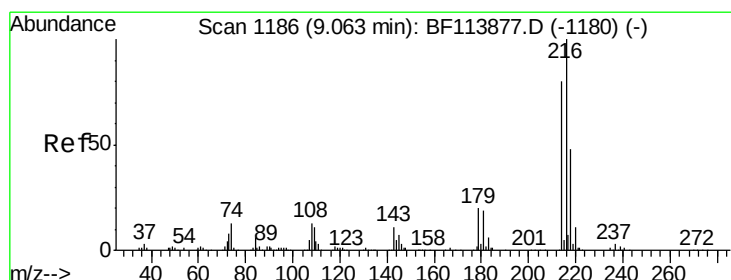
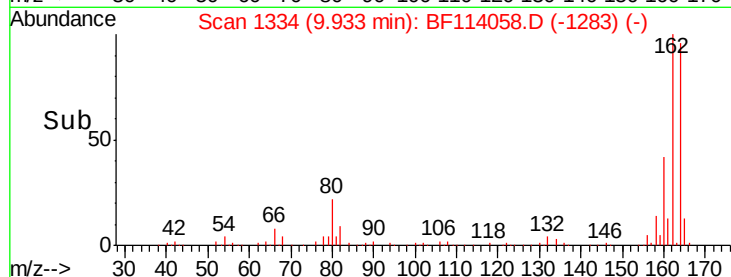
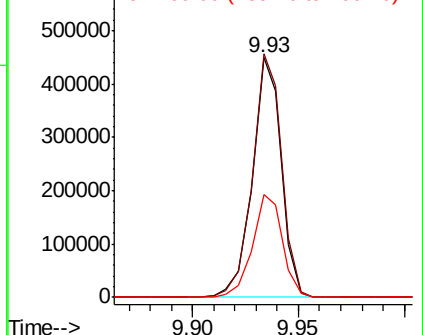


Abundance

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: 40.269 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Tgt Ion:216 Resp: 557704

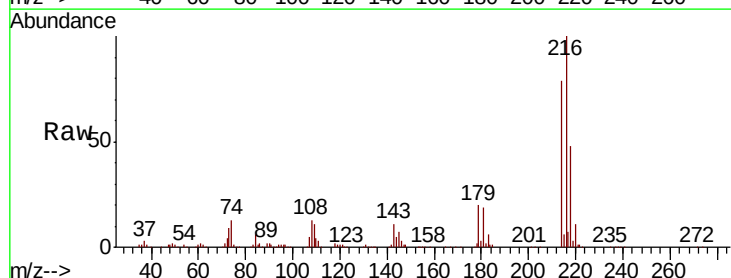
Ion Ratio Lower Upper

216 100

214 78.8 63.5 95.3

179 20.3 16.1 24.1

108 15.9 13.4 20.0



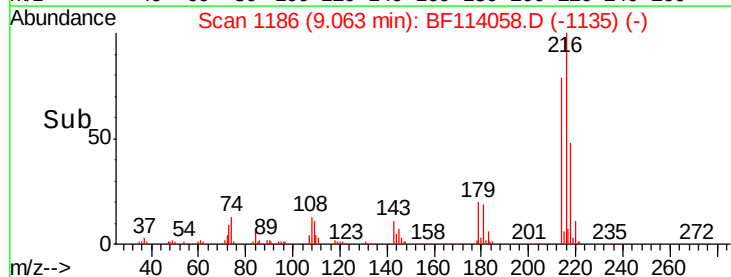
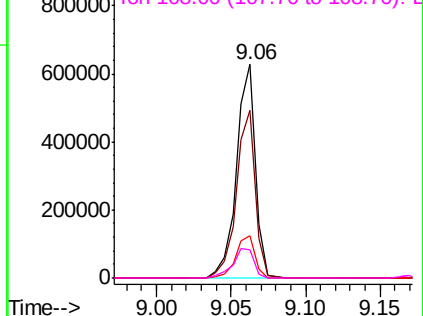
Abundance

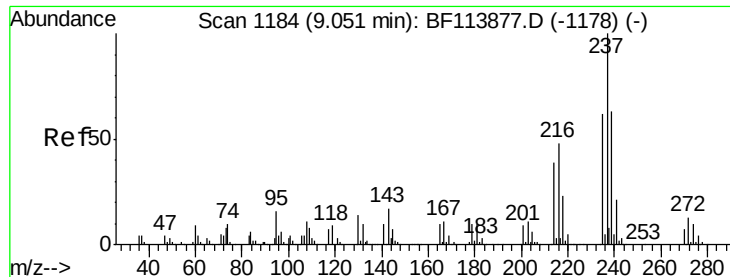
Ion 216.00 (215.70 to 216.70): E

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

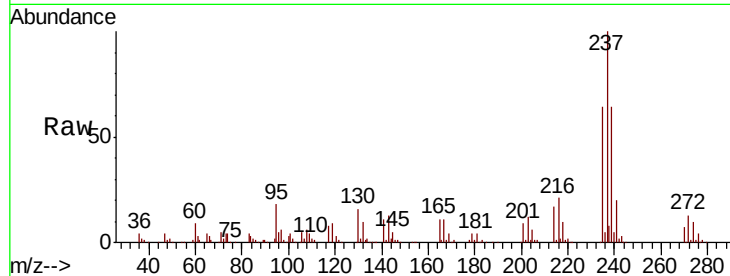




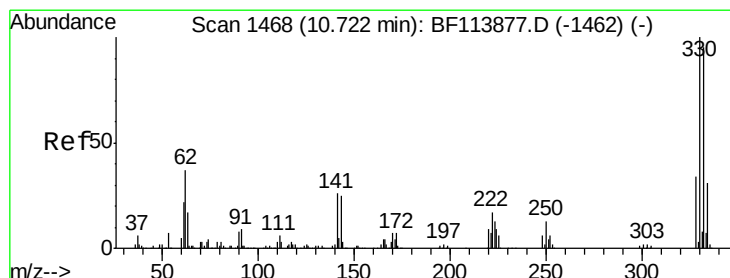
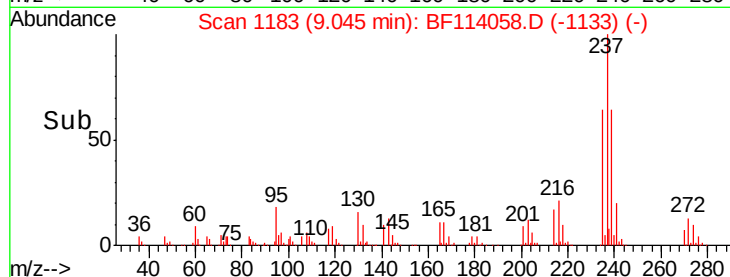
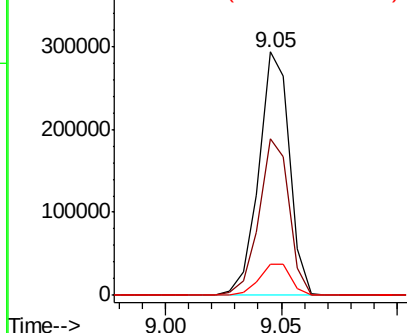
#41
Hexachlorocyclopentadiene
Concen: 35.105 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:237 Resp: 271114
Ion Ratio Lower Upper
237 100
235 64.1 42.6 82.6
272 13.0 0.0 33.8

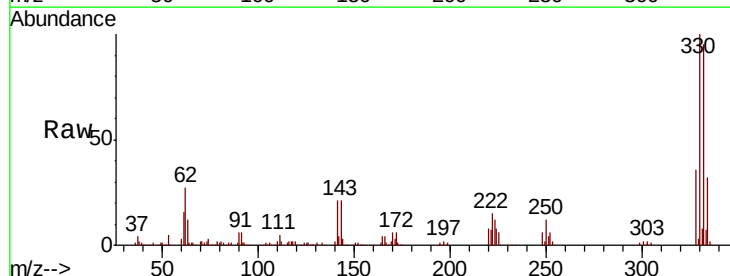


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

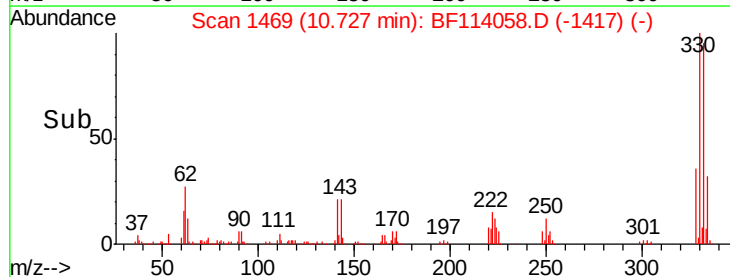
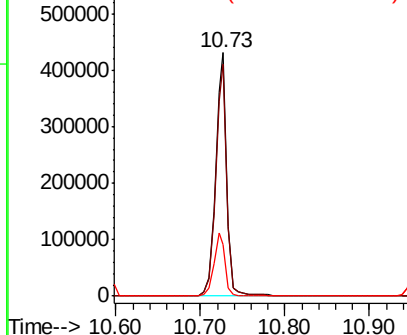


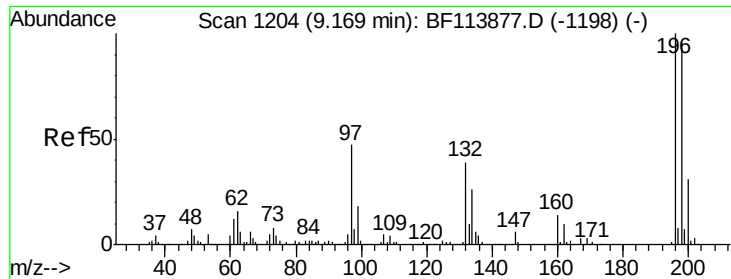
#42
2,4,6-Tribromophenol
Concen: 78.973 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:330 Resp: 410178
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 26.0 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

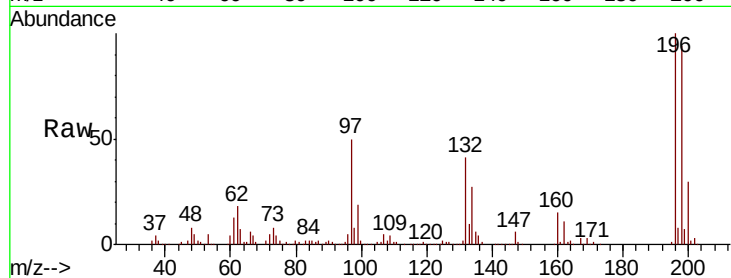




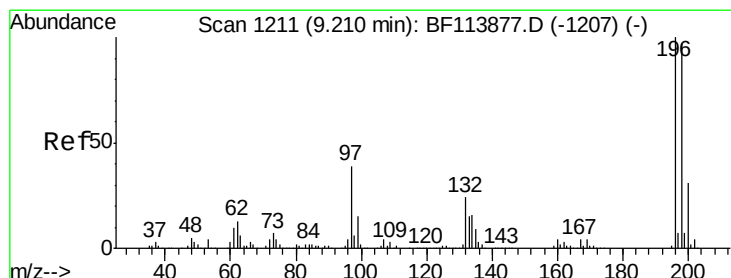
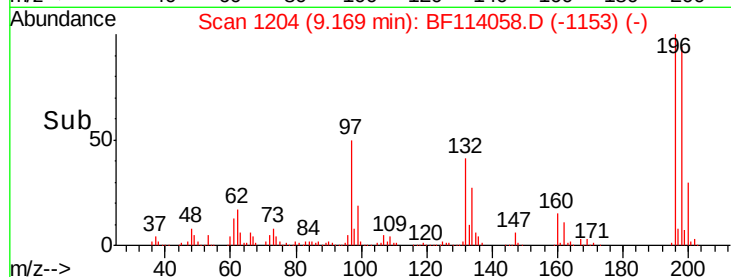
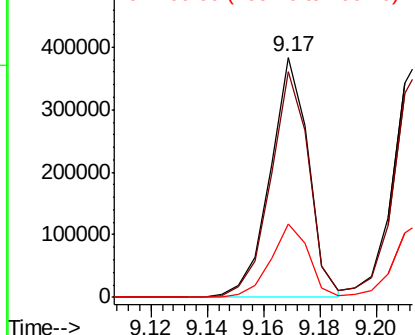
#43
 2,4,6-Trichlorophenol
 Concen: 40.839 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114058.D
 Acq: 1 May 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 359152
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.6 113.4
 200 30.3 24.7 37.1

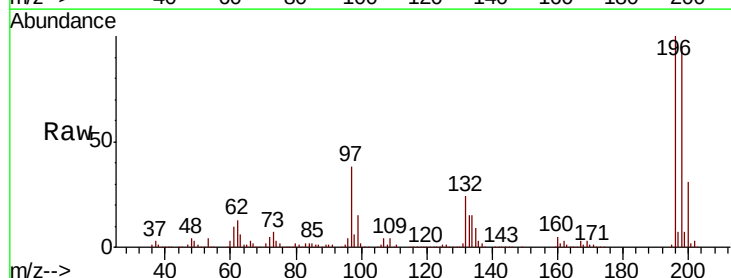


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

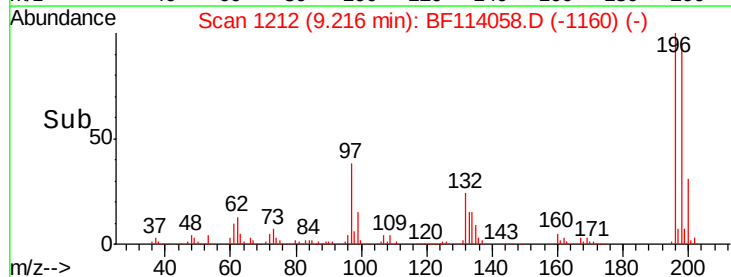
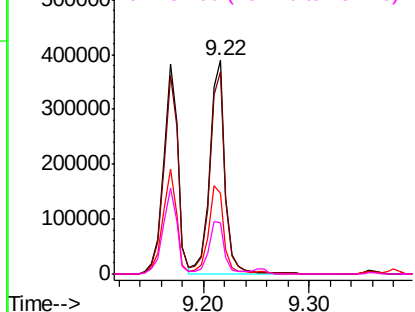


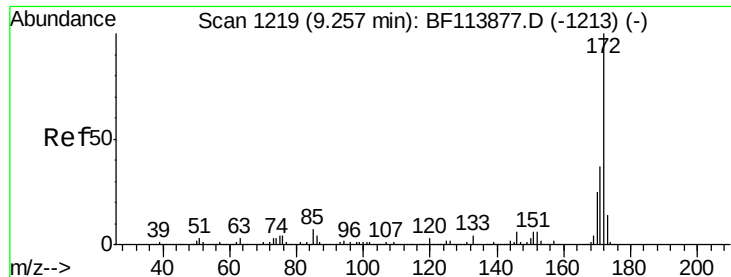
#44
 2,4,5-Trichlorophenol
 Concen: 40.014 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF114058.D
 Acq: 1 May 2019 10:15

Tgt Ion:196 Resp: 394704
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.4
 97 37.5 35.8 53.8
 132 23.9 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

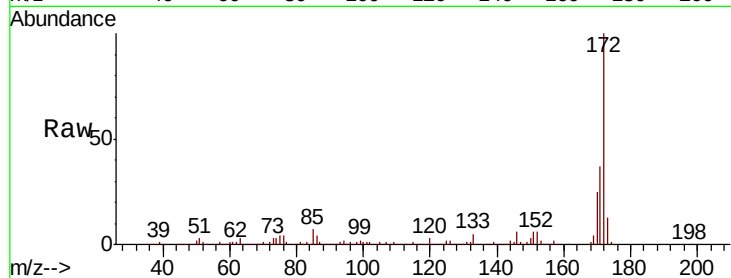




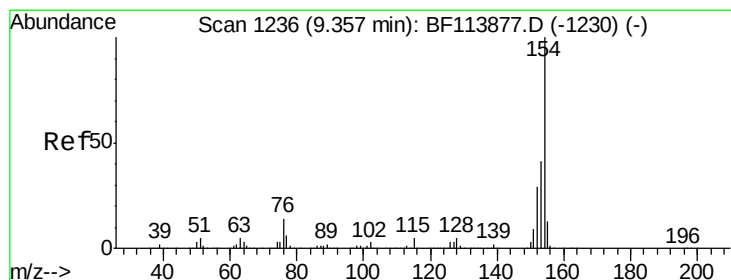
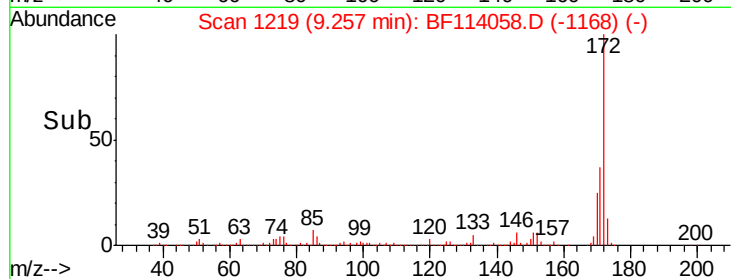
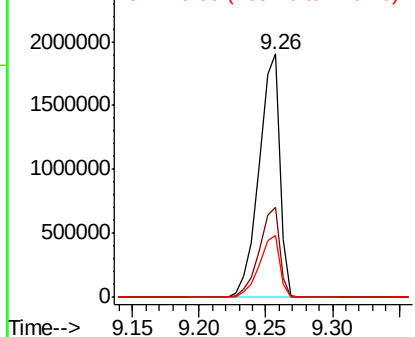
#45
2-Fluorobiphenyl
Concen: 74.602 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2033662
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 25.3 19.9 29.9

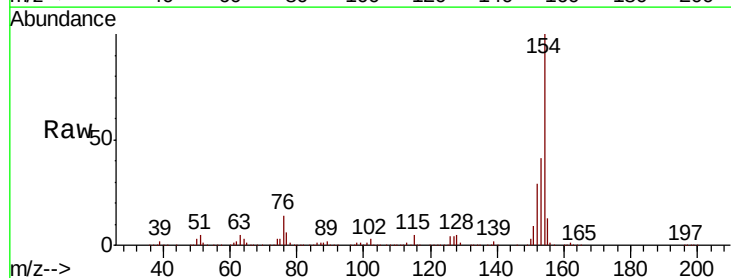


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

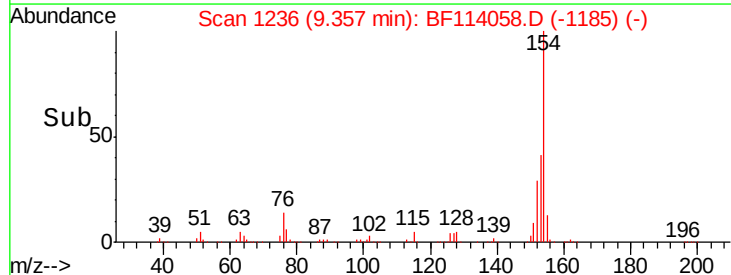
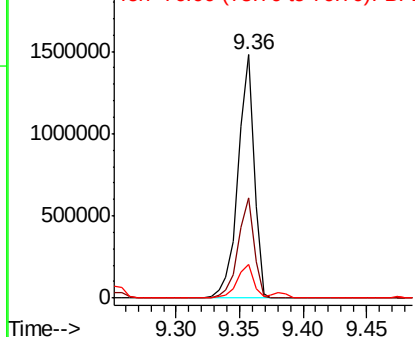


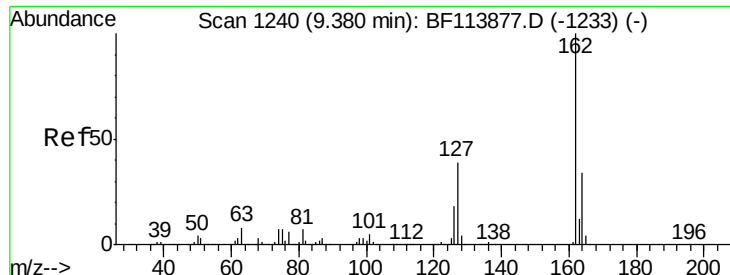
#46
1,1'-Biphenyl
Concen: 39.450 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:154 Resp: 1284921
Ion Ratio Lower Upper
154 100
153 41.3 20.8 60.8
76 13.9 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



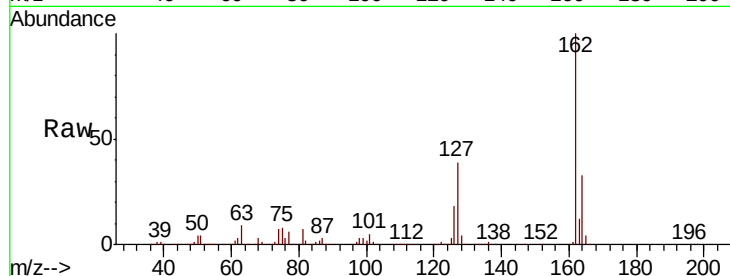


#47
 2-Chloronaphthalene
 Concen: 39.373 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF114058.D
 Acq: 1 May 2019 10:15

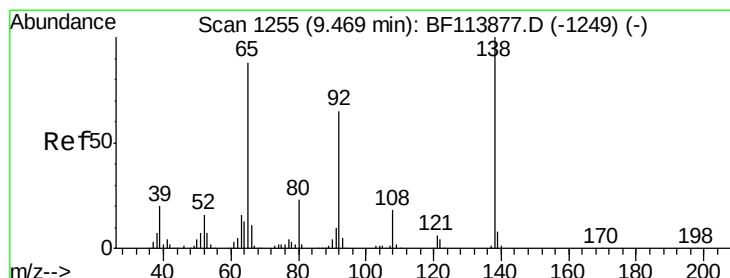
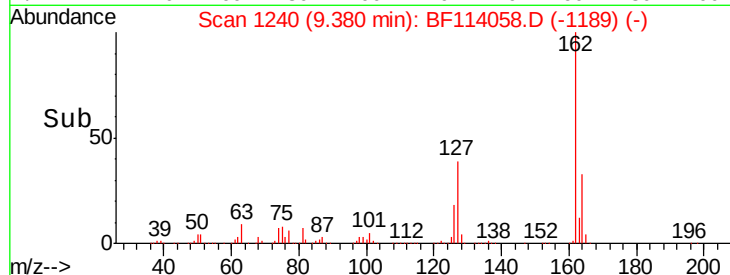
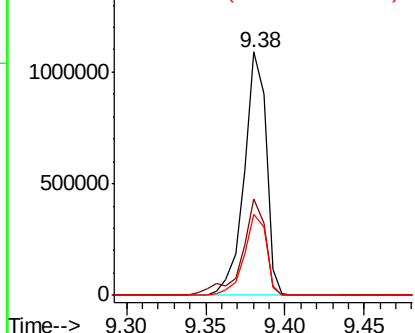
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1042878

Ion	Ratio	Lower	Upper
162	100		
127	39.4	29.3	43.9
164	33.4	27.1	40.7



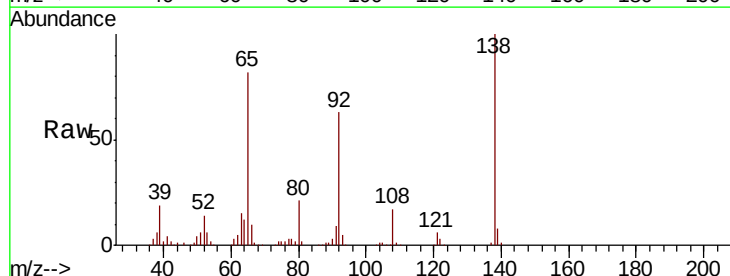
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



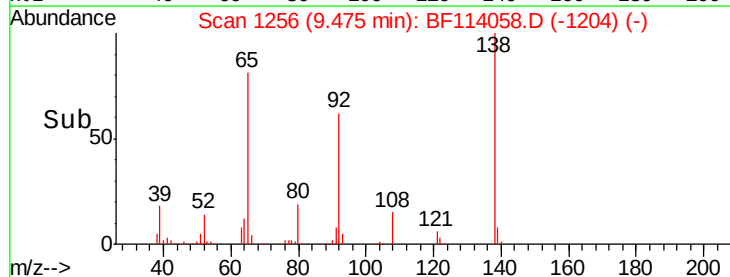
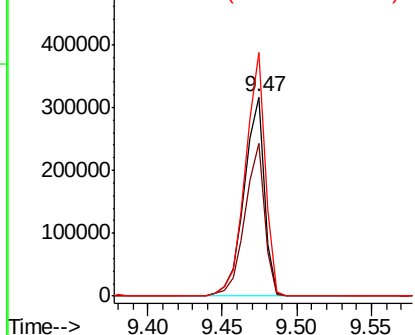
#48
 2-Nitroaniline
 Concen: 42.978 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF114058.D
 Acq: 1 May 2019 10:15

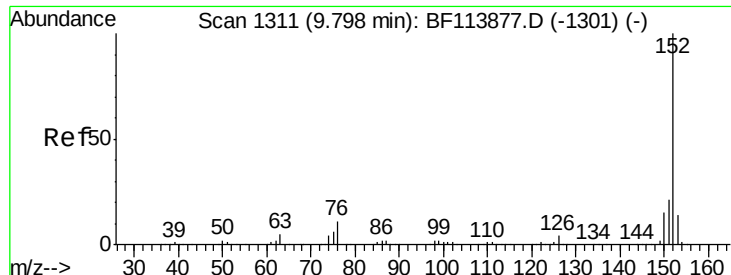
Tgt Ion: 65 Resp: 298418

Ion	Ratio	Lower	Upper
65	100		
92	76.6	57.4	86.0
138	122.3	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: 39.253 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

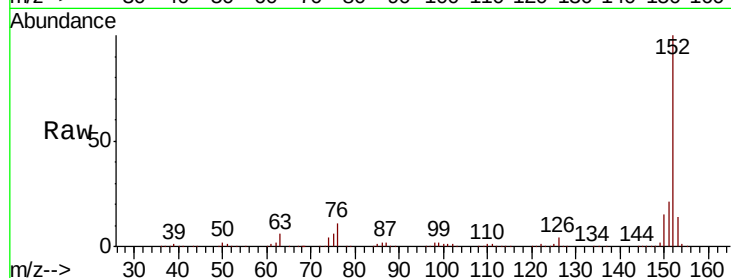
Tot Ion:152 Resp: 1627667

Ion Ratio Lower Upper

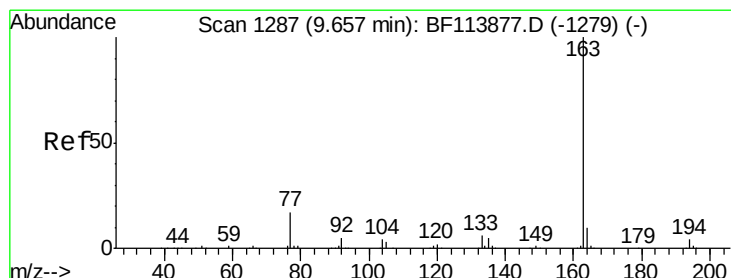
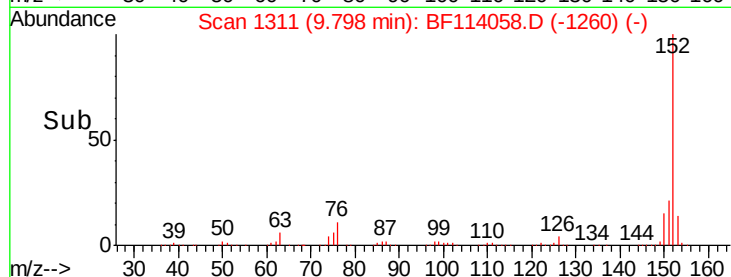
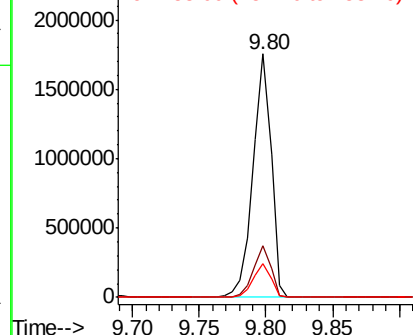
152 100

151 21.1 17.0 25.4

153 13.9 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: 39.672 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

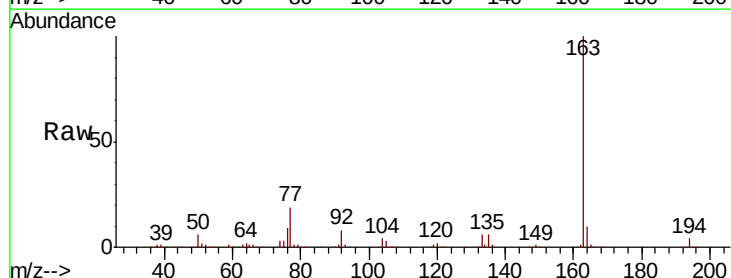
Tgt Ion:163 Resp: 1223285

Ion Ratio Lower Upper

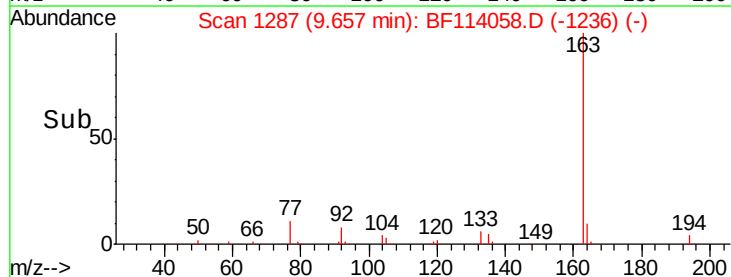
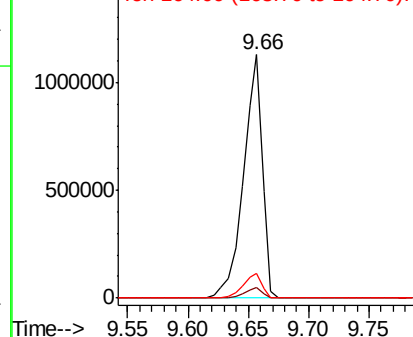
163 100

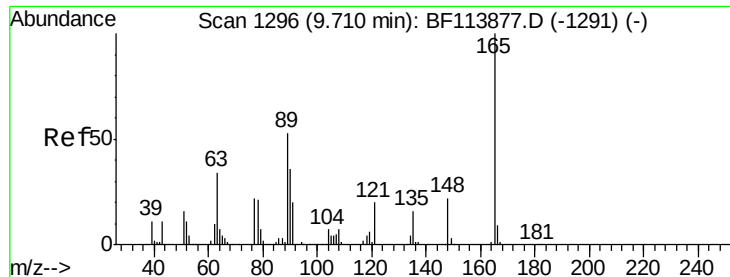
194 4.4 3.4 5.2

164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.800 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

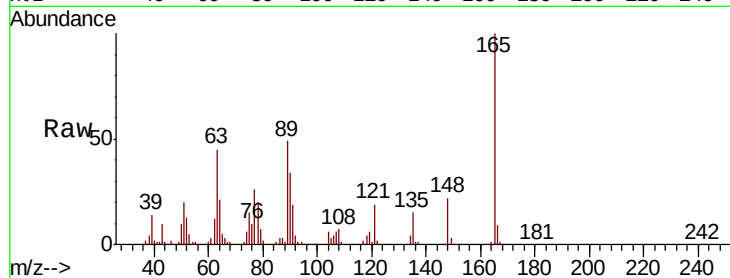
Tot Ion:165 Resp: 283135

Ion Ratio Lower Upper

165 100

63 45.3 33.8 50.8

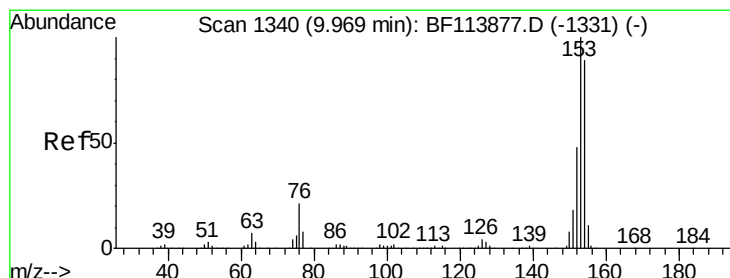
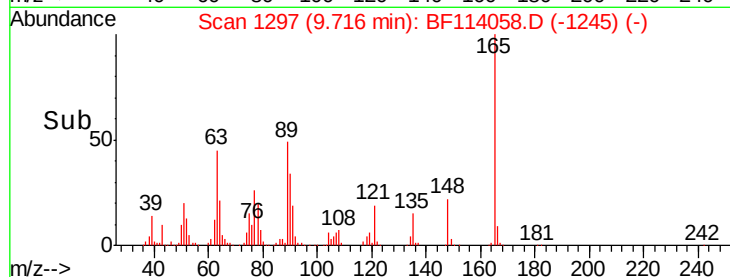
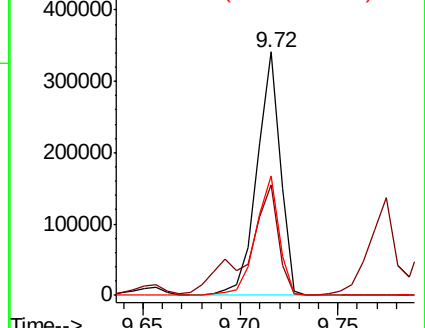
89 48.9 38.2 57.2



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: 39.972 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

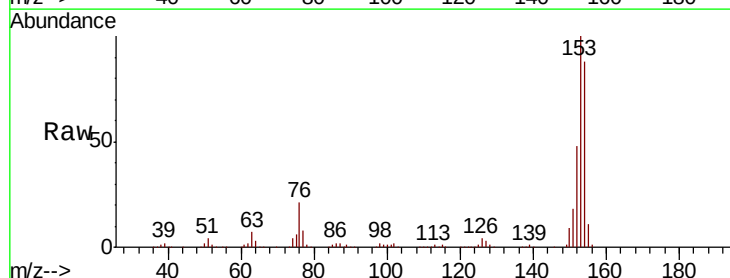
Tgt Ion:154 Resp: 979540

Ion Ratio Lower Upper

154 100

153 113.7 87.2 130.8

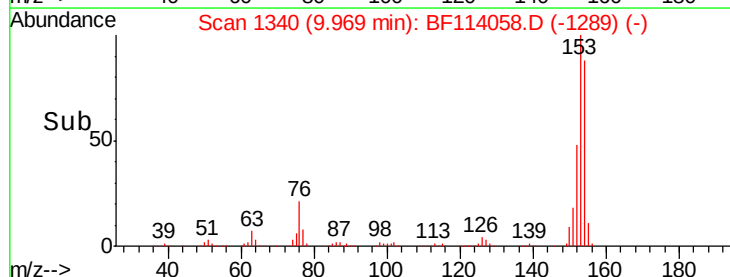
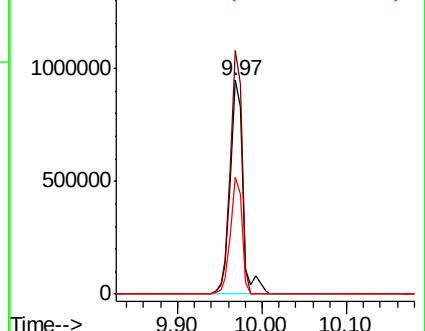
152 54.5 42.3 63.5

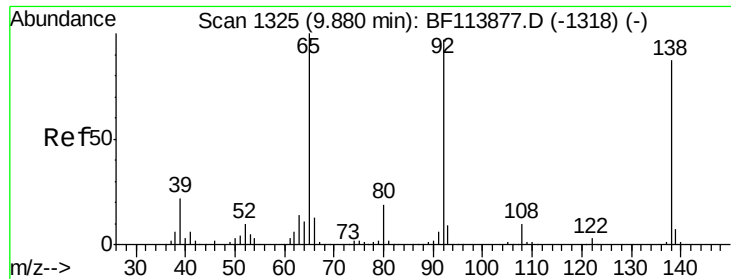


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

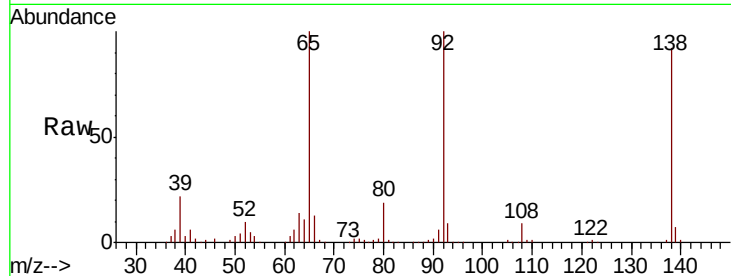




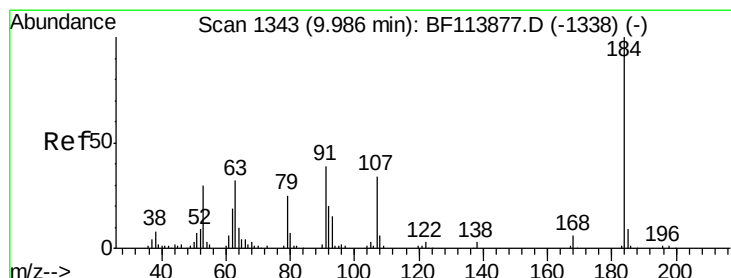
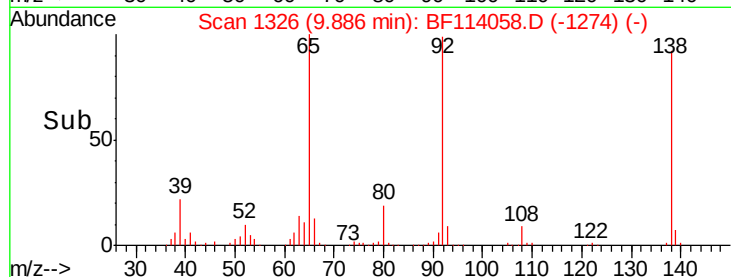
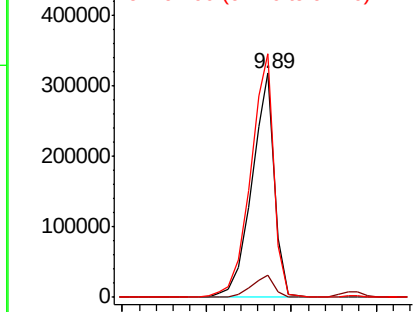
#53
 3-Nitroaniline
 Concen: 42.691 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF114058.D
 Acq: 1 May 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 296767
 Ion Ratio Lower Upper
 138 100
 108 9.9 9.4 14.2
 92 108.6 94.1 141.1

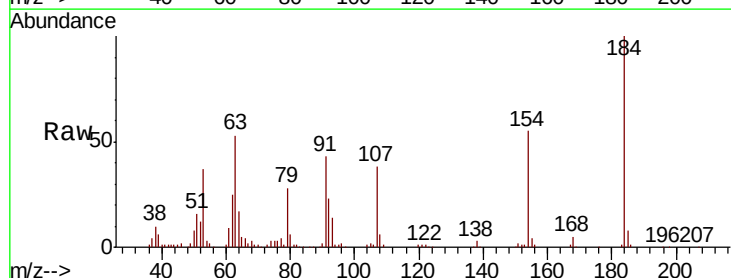


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

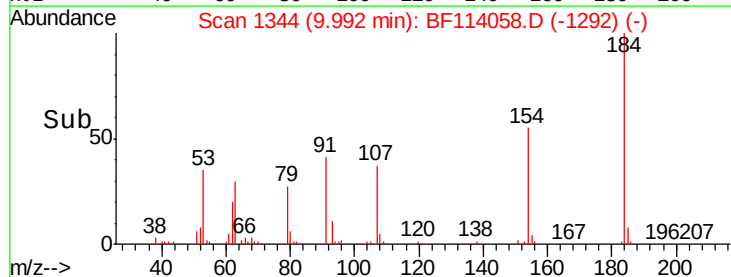
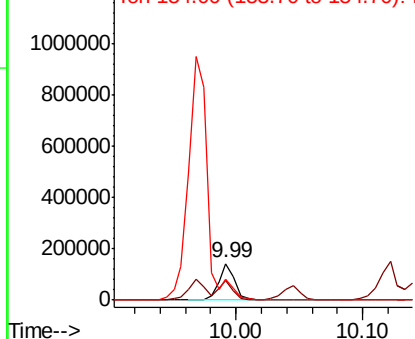


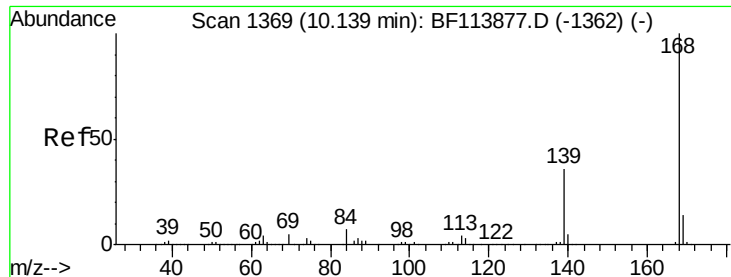
#54
 2,4-Dinitrophenol
 Concen: 49.029 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF114058.D
 Acq: 1 May 2019 10:15

Tgt Ion:184 Resp: 130038
 Ion Ratio Lower Upper
 184 100
 63 52.9 54.6 81.8#
 154 55.2 218.6 328.0#



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

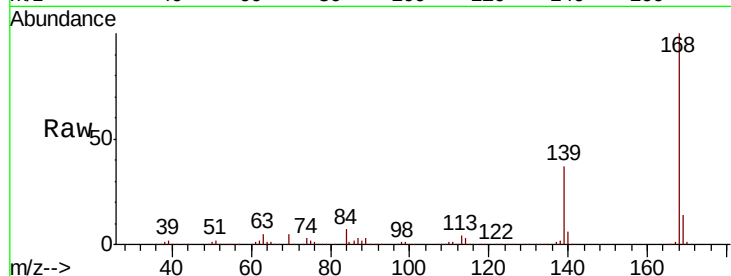




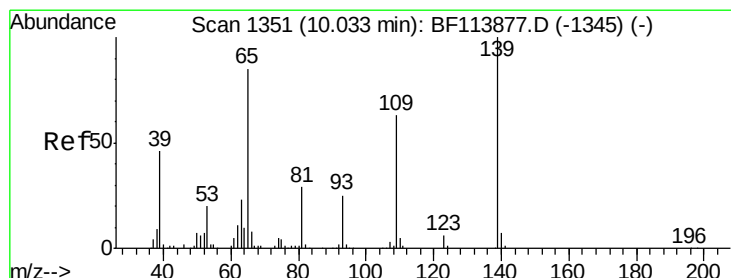
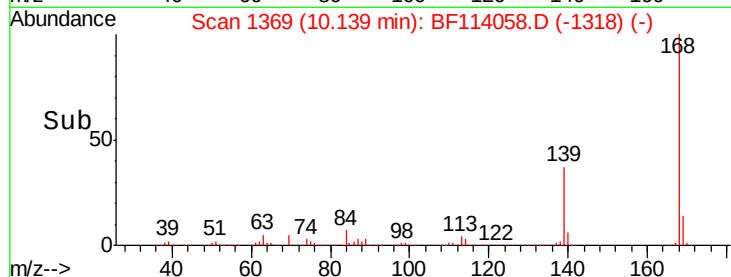
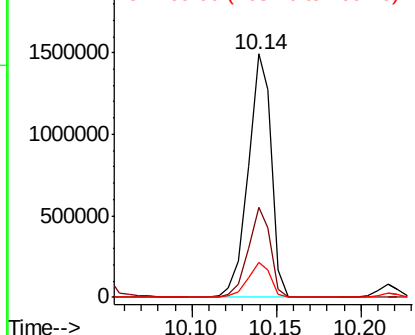
#55
Dibenzenofuran
Concen: 38.868 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1426736
Ion Ratio Lower Upper
168 100
139 36.8 27.8 41.6
169 14.3 11.0 16.6

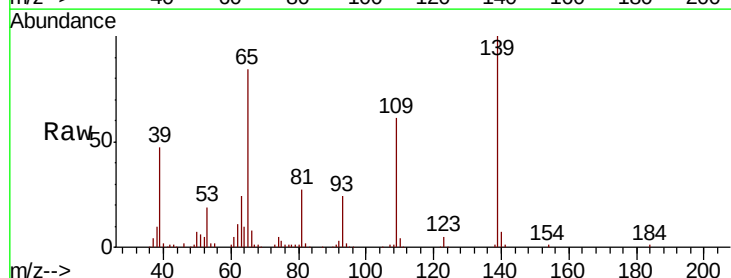


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

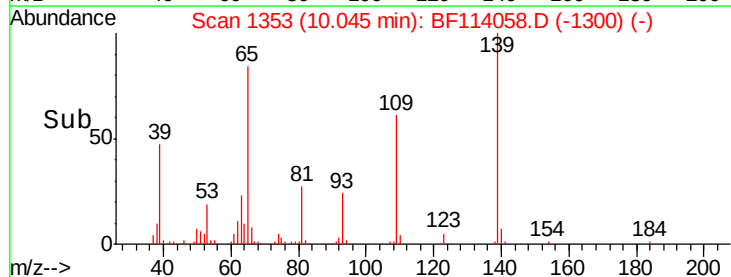
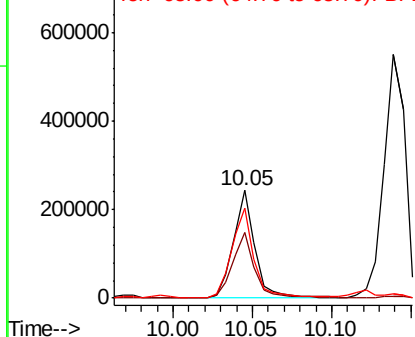


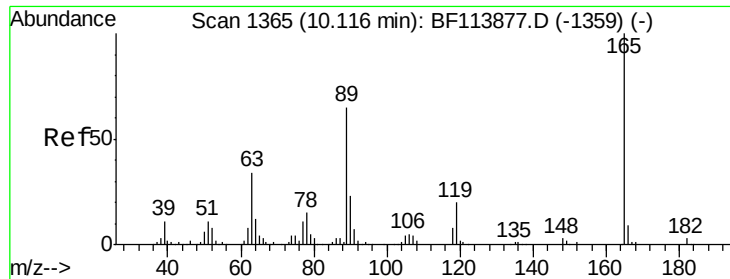
#56
4-Nitrophenol
Concen: 42.332 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:139 Resp: 232995
Ion Ratio Lower Upper
139 100
109 61.2 42.9 82.9
65 83.5 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

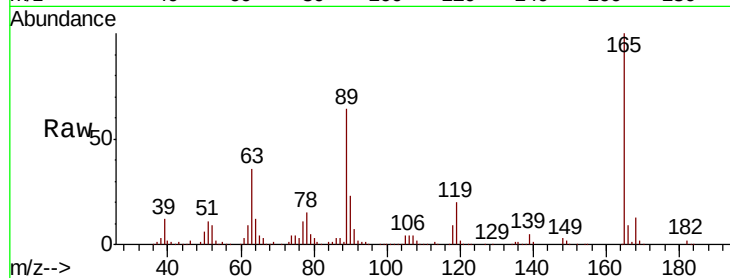




#57
2,4-Dinitrotoluene
Concen: 44.755 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.6	27.4	41.0
89	63.9	51.8	77.6
182	2.4	2.2	3.2



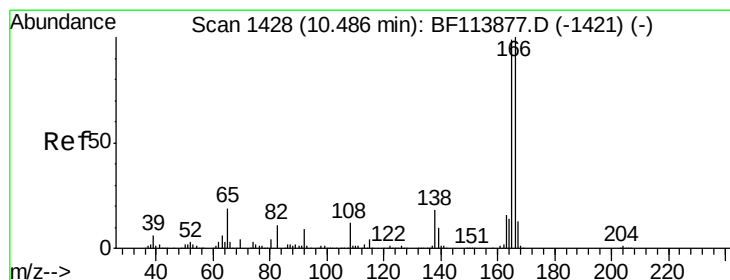
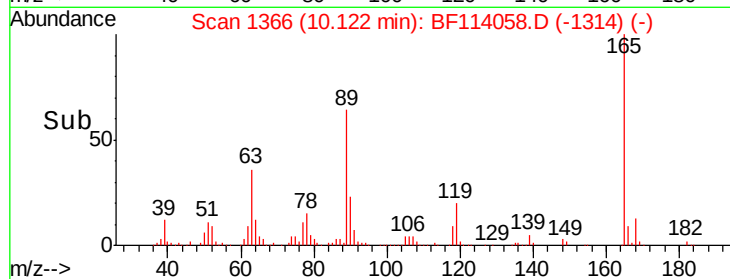
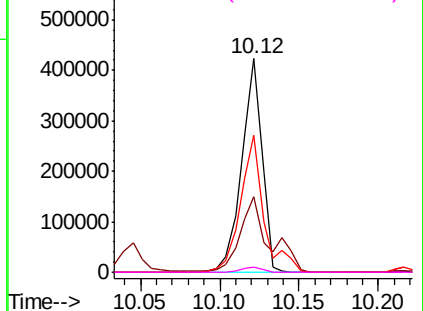
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

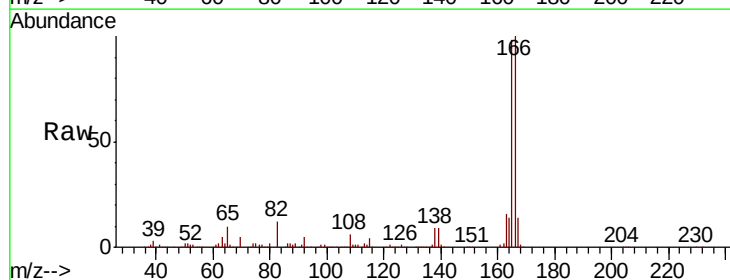
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.333 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.6	10.9	16.3

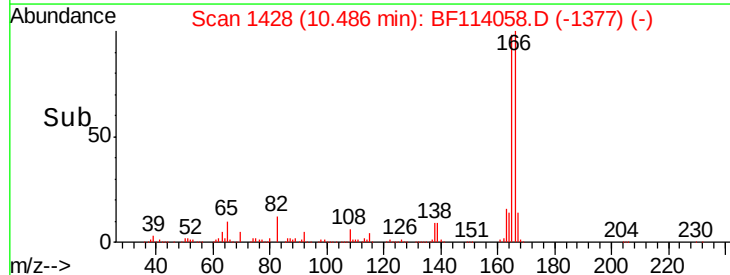
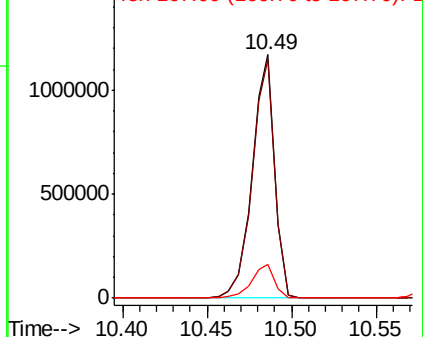


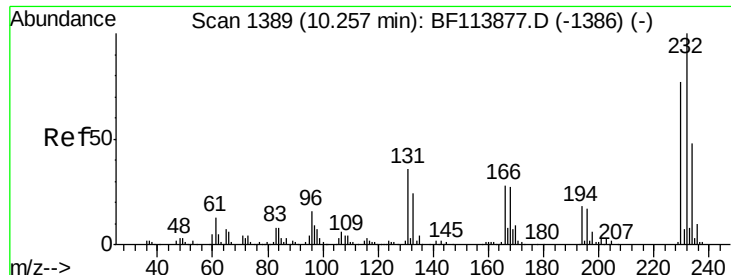
Abundance

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

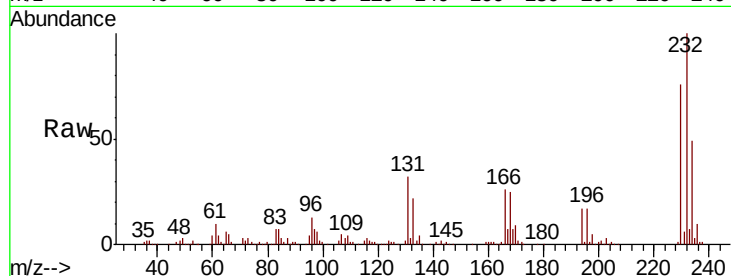




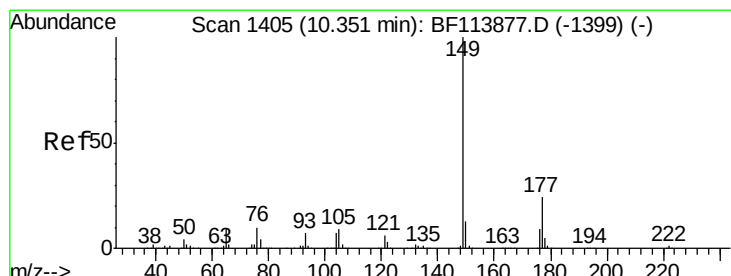
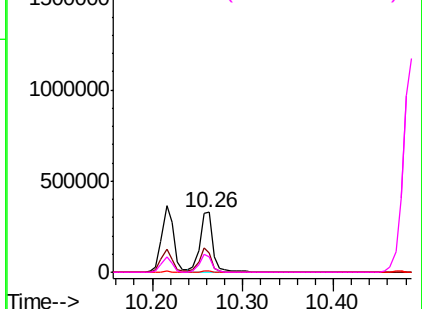
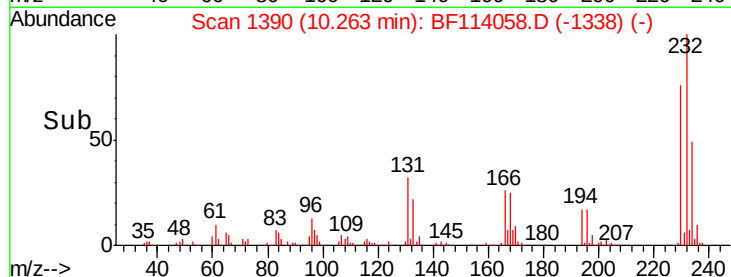
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.053 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 338534
Ion Ratio Lower Upper
232 100
131 36.2 30.2 45.2
130 1.7 1.5 2.3
166 26.9 22.2 33.4

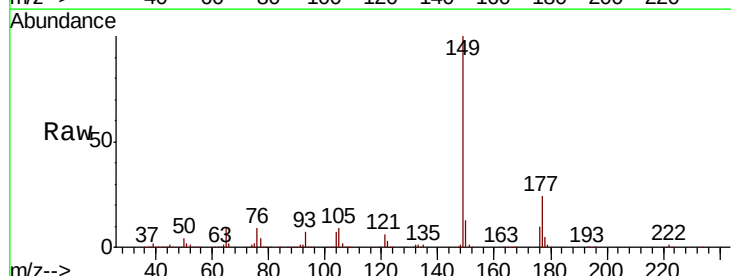


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

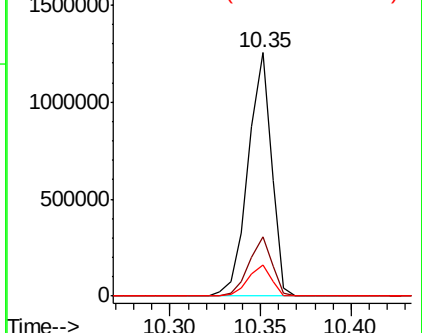
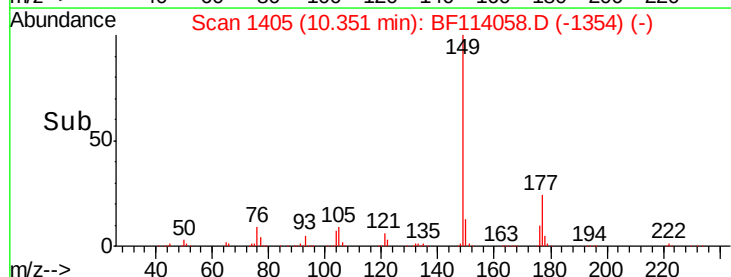


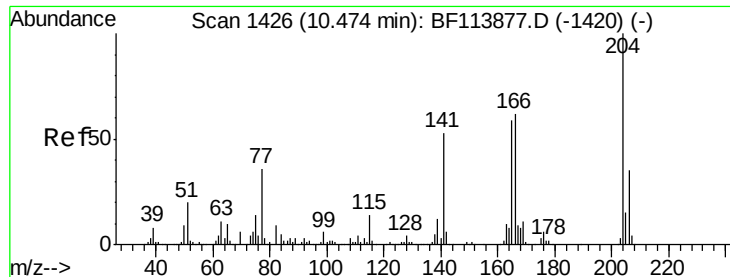
#60
Diethylphthalate
Concen: 38.500 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:149 Resp: 1127342
Ion Ratio Lower Upper
149 100
177 24.2 19.2 28.8
150 12.7 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

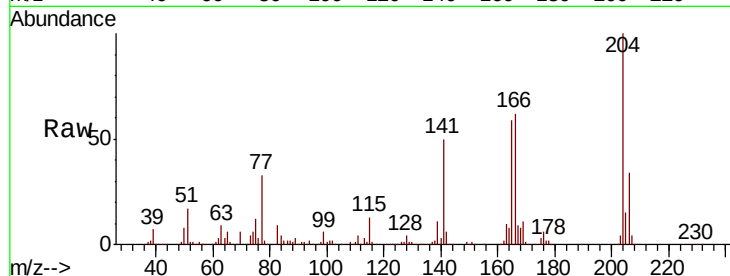




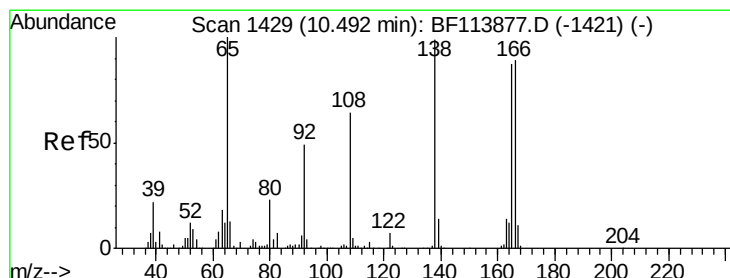
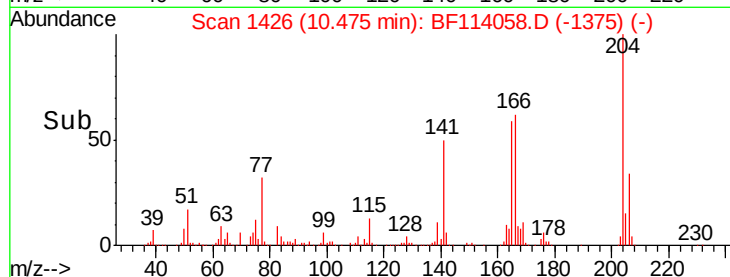
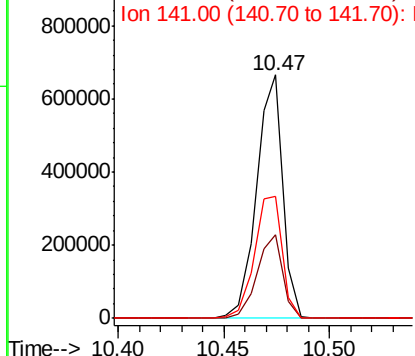
#61
4-Chlorophenyl-phenylether
Concen: 39.183 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 573486
Ion Ratio Lower Upper
204 100
206 34.2 27.4 41.2
141 50.2 42.6 63.8

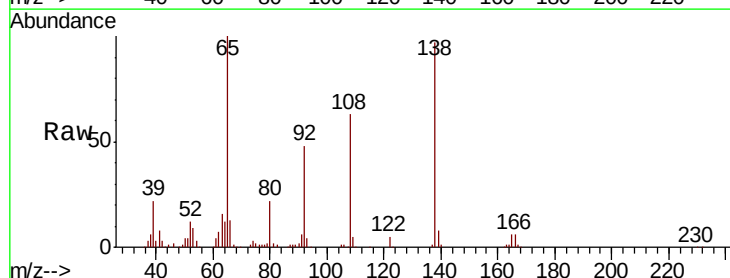


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

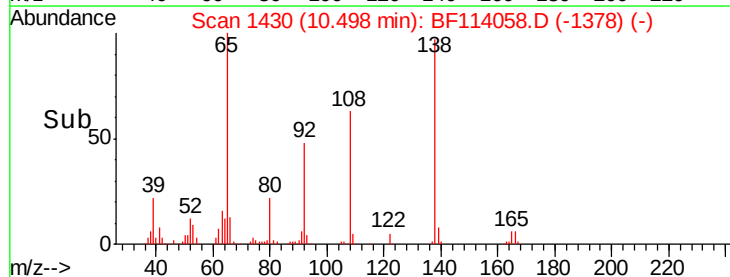
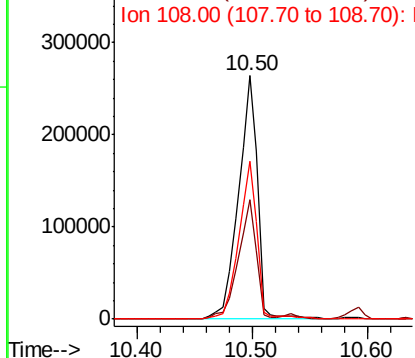


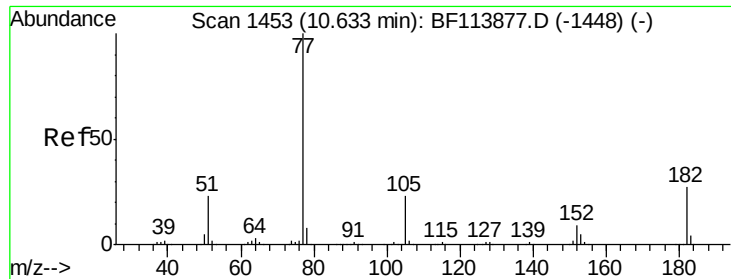
#62
4-Nitroaniline
Concen: 44.448 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:138 Resp: 301520
Ion Ratio Lower Upper
138 100
92 49.3 31.3 71.3
108 64.9 48.9 88.9



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





#63

Azobenzene

Concen: 37.974 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1077672

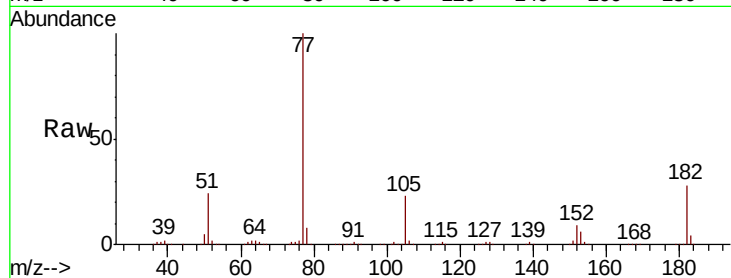
Ion Ratio Lower Upper

77 100

182 28.0 4.4 44.4

105 23.3 2.2 42.2

51 23.7 3.9 43.9

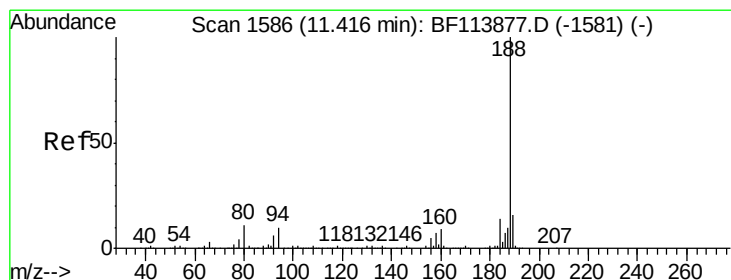
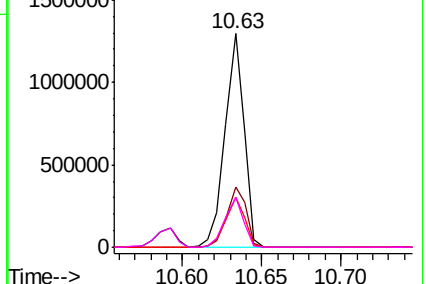
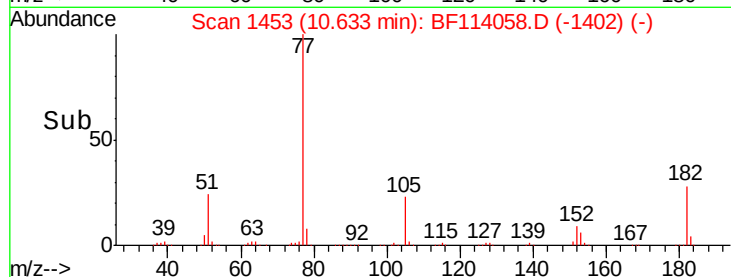


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

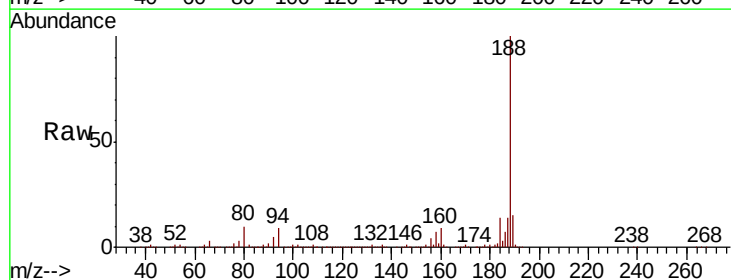
Tgt Ion: 188 Resp: 831085

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

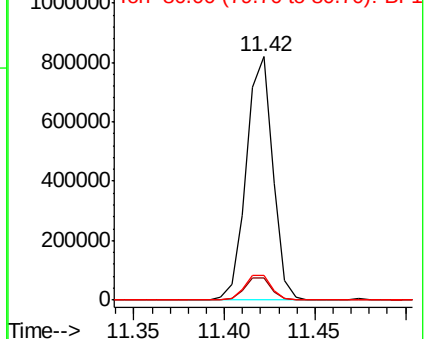
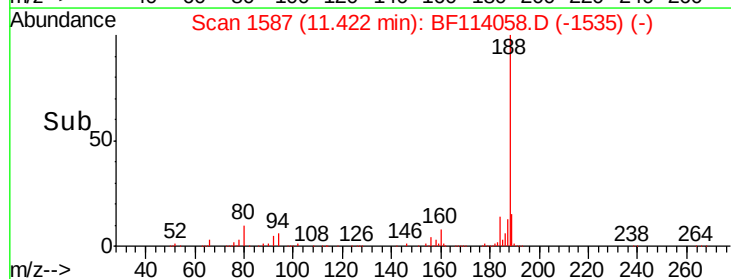
80 10.3 9.0 13.6

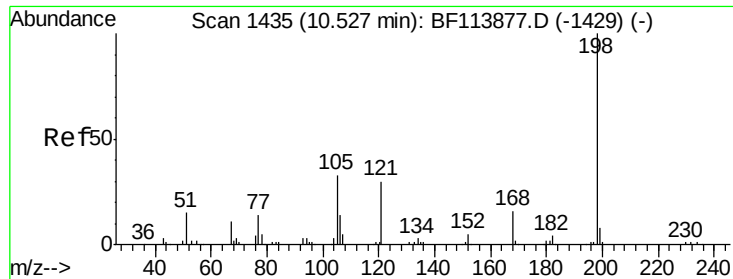


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

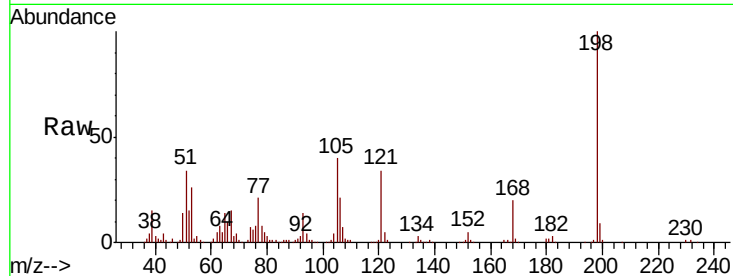




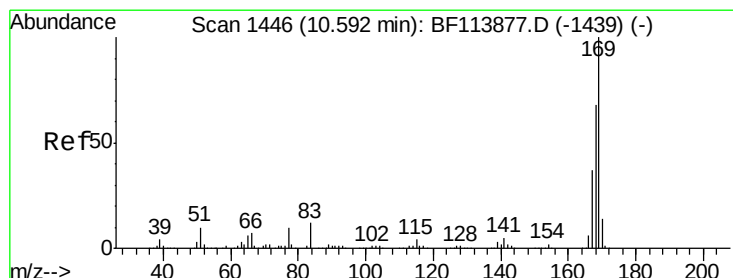
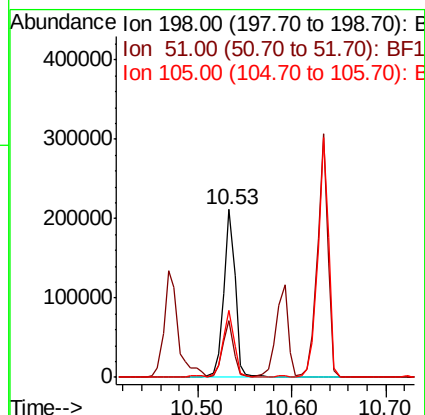
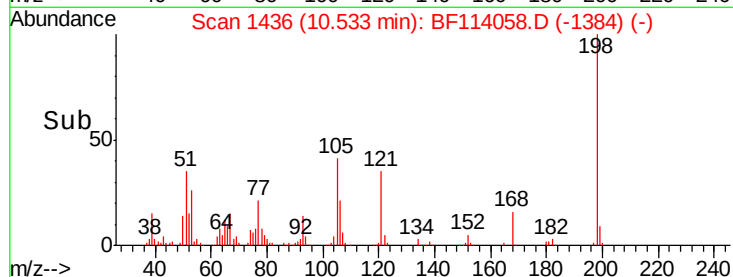
#65
4,6-Dinitro-2-methylphenol
Concen: 47.652 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 181282
Ion Ratio Lower Upper
198 100
51 34.2 11.1 51.1
105 40.0 20.7 60.7

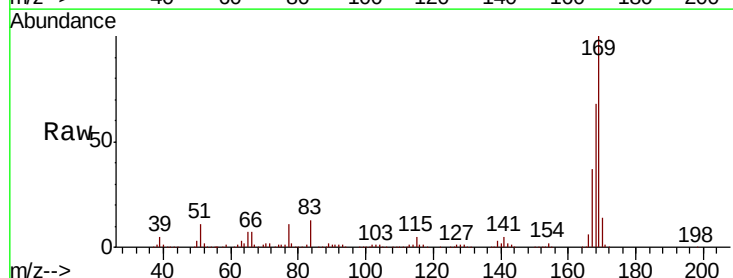


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

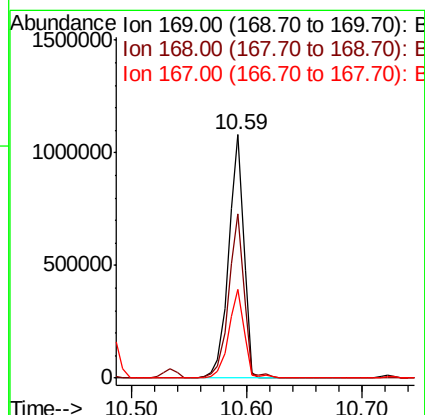
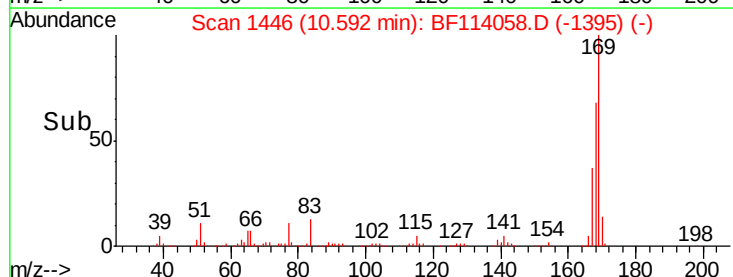


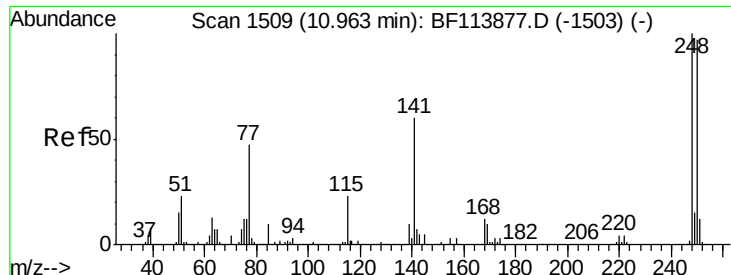
#66
n-Nitrosodiphenylamine
Concen: 39.167 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:169 Resp: 976697
Ion Ratio Lower Upper
169 100
168 67.6 54.3 81.5
167 36.7 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

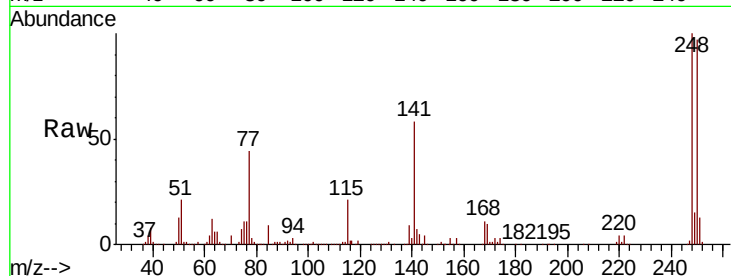




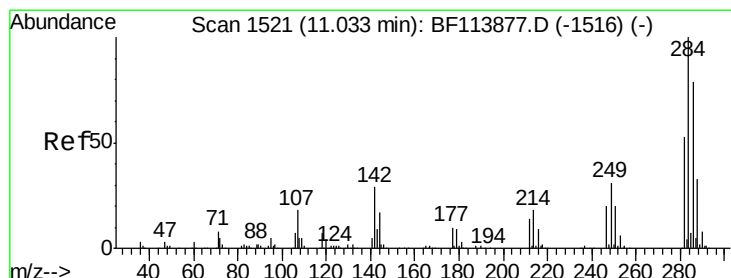
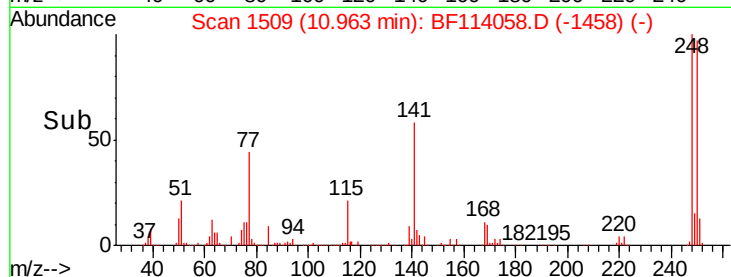
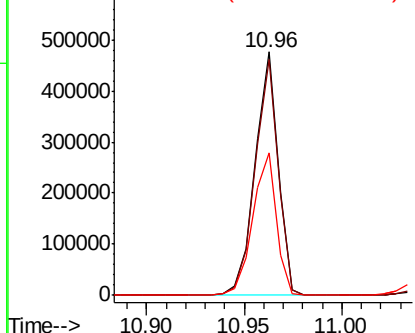
#67
4-Bromophenyl-phenylether
Concen: 39.031 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 391870
Ion Ratio Lower Upper
248 100
250 96.8 75.8 113.6
141 58.3 50.2 75.4

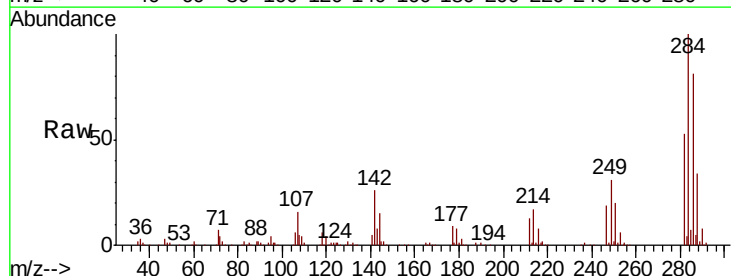


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

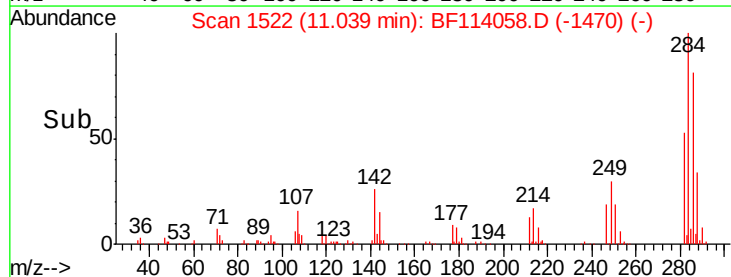
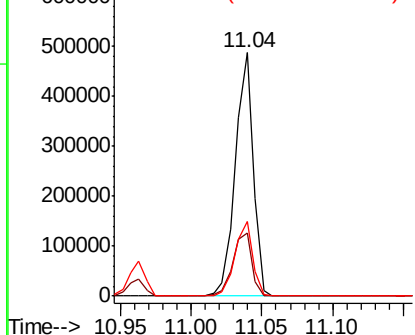


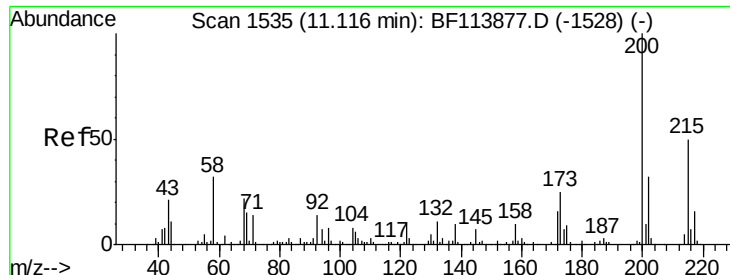
#68
Hexachlorobenzene
Concen: 39.191 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:284 Resp: 432380
Ion Ratio Lower Upper
284 100
142 26.1 23.0 34.4
249 30.7 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: 37.293 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

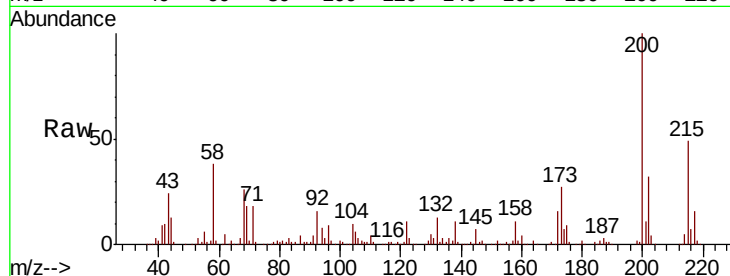
Tot Ion:200 Resp: 302526

Ion Ratio Lower Upper

200 100

173 26.9 5.9 45.9

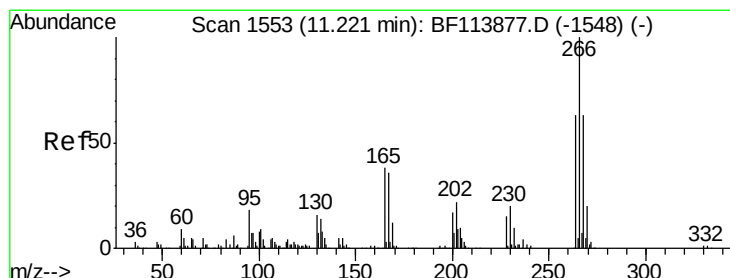
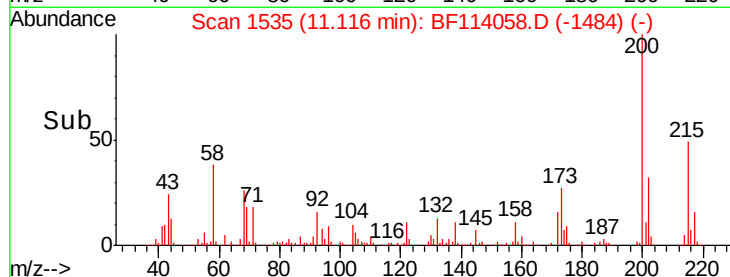
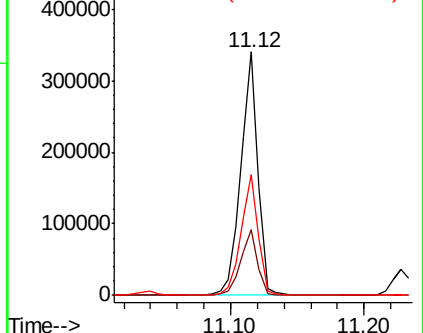
215 49.4 29.3 69.3



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: 40.496 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

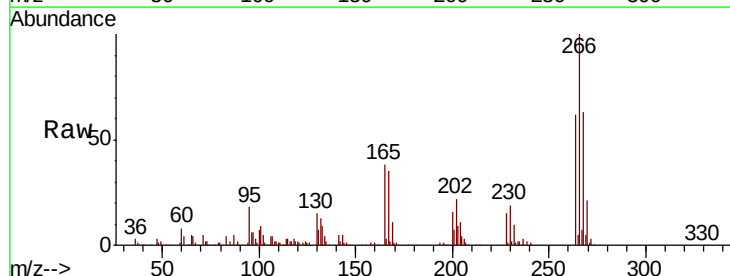
Tgt Ion:266 Resp: 252962

Ion Ratio Lower Upper

266 100

268 63.3 53.5 80.3

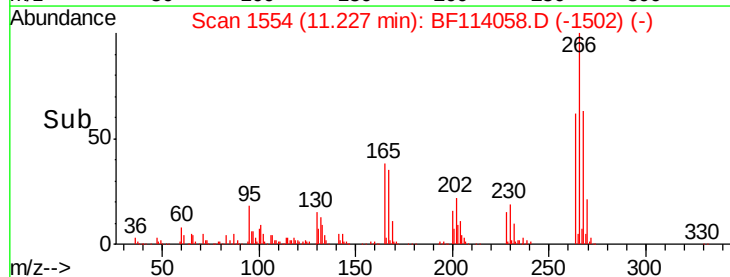
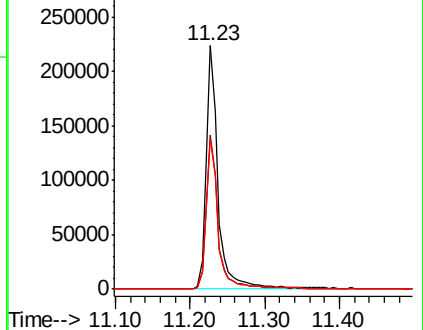
264 61.8 51.0 76.6

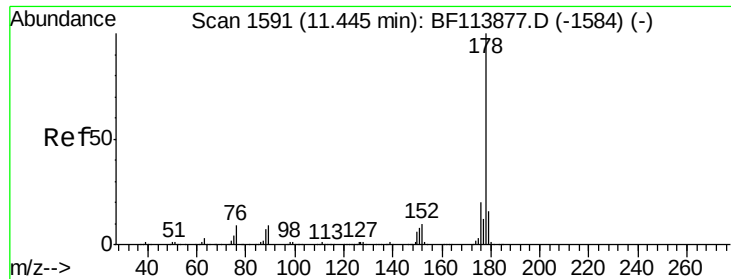


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.805 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

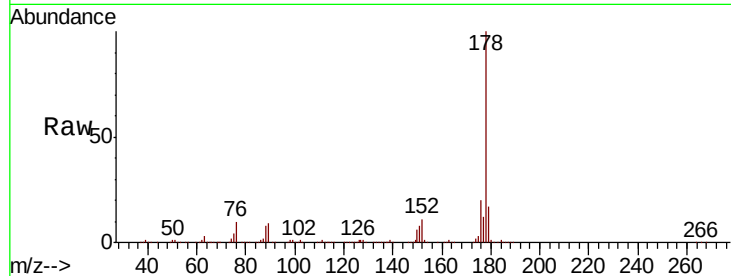
Tot Ion:178 Resp: 1620779

Ion Ratio Lower Upper

178 100

176 20.5 16.1 24.1

179 16.7 12.8 19.2

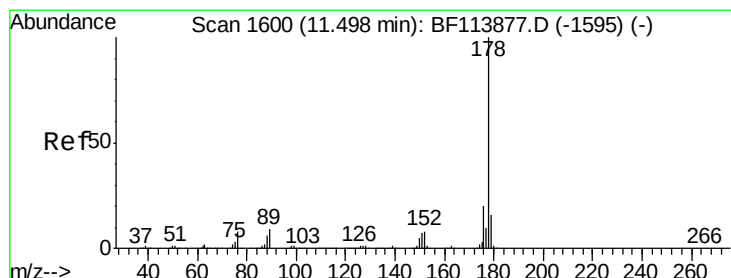
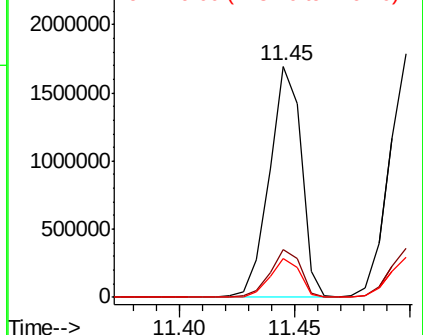
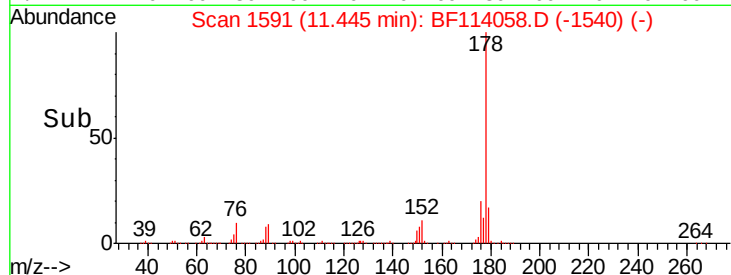


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.248 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

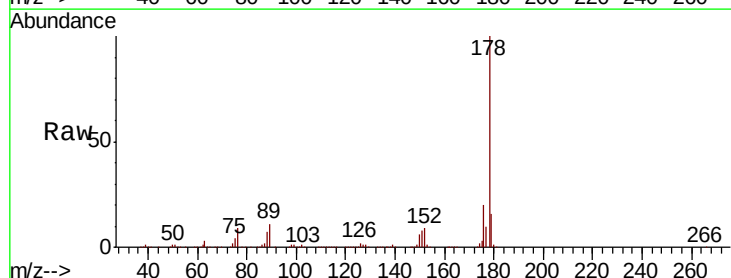
Tgt Ion:178 Resp: 1655392

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

179 16.4 13.0 19.4

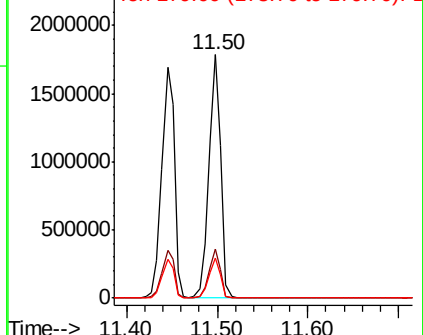
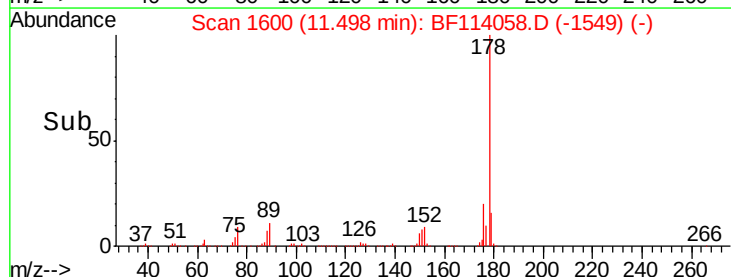


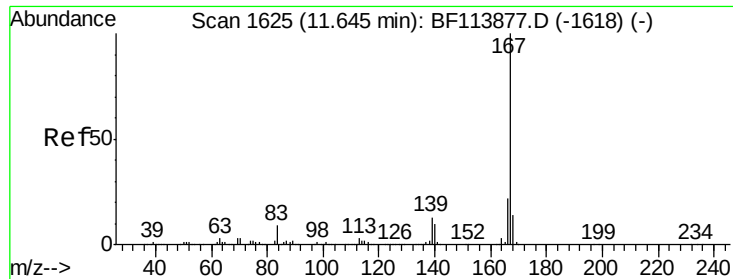
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.453 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

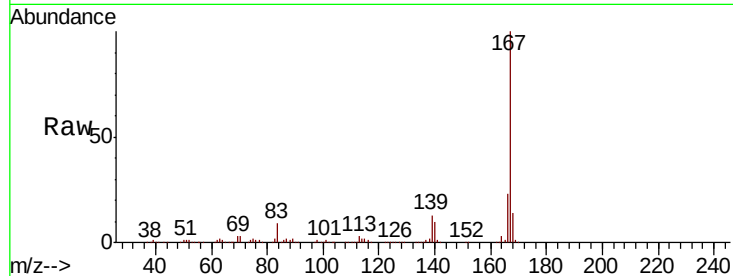
Tot Ion:167 Resp: 1522195

Ion Ratio Lower Upper

167 100

166 22.6 17.7 26.5

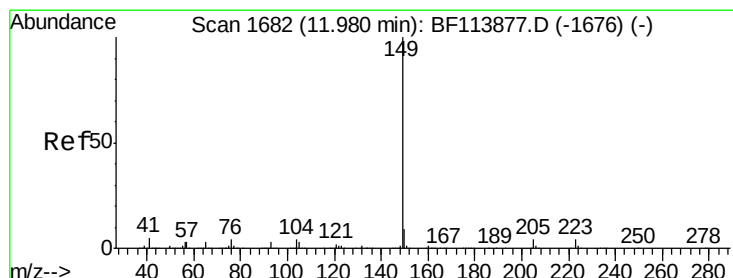
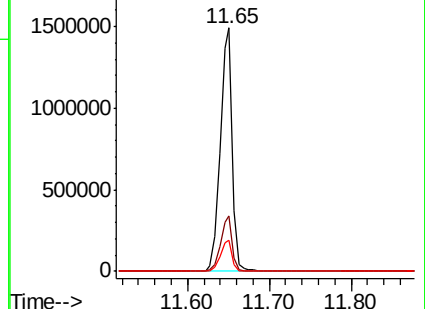
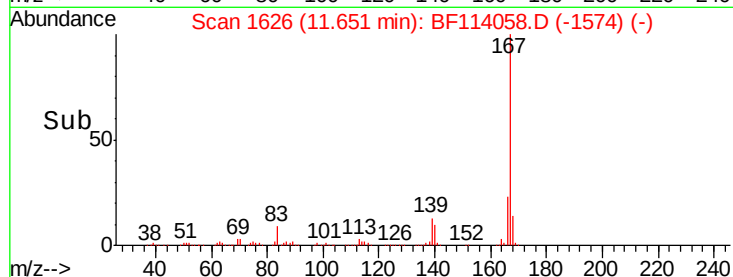
139 12.6 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.215 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

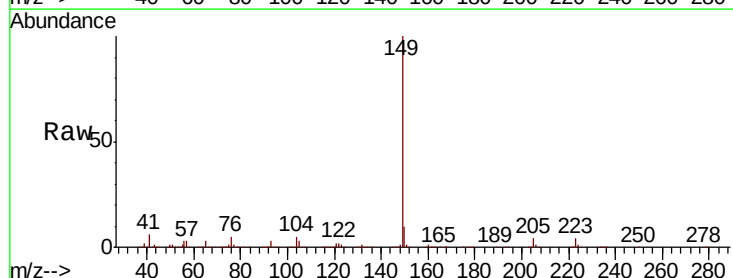
Tgt Ion:149 Resp: 1735771

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

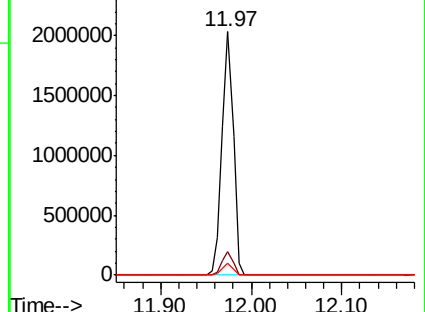
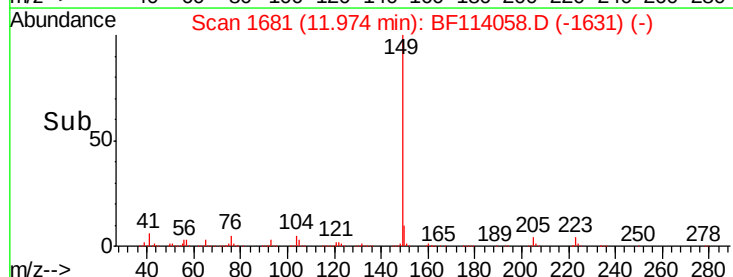
104 4.8 3.8 5.8

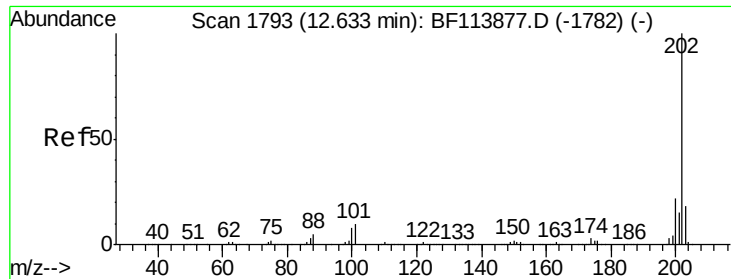


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

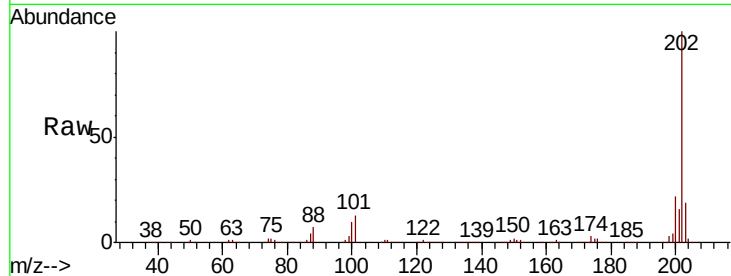




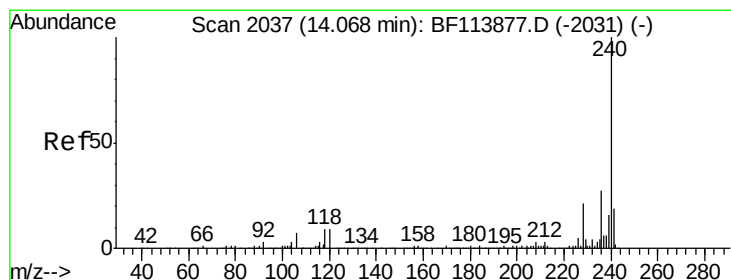
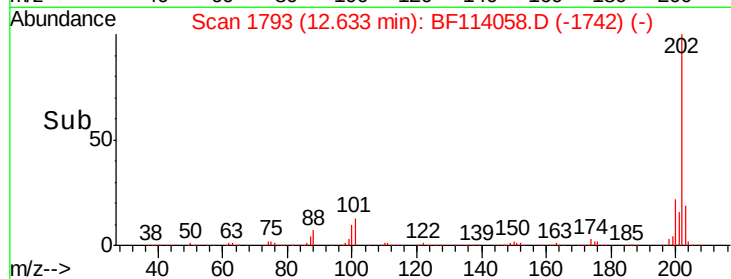
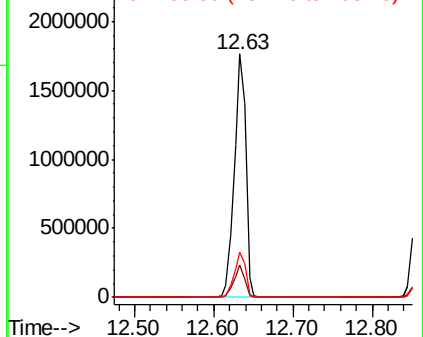
#75
 Fluoranthene
 Concen: 38.879 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF114058.D
 Acq: 1 May 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1771678
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 32.9
 203 18.7 0.0 38.2

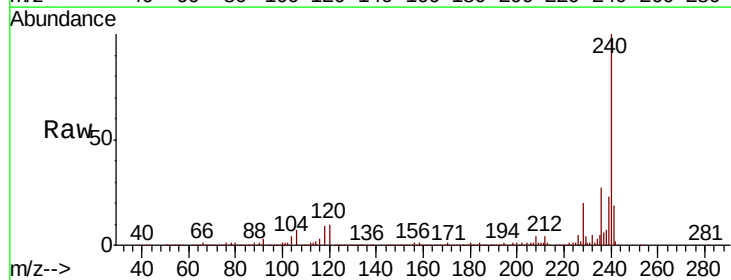


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

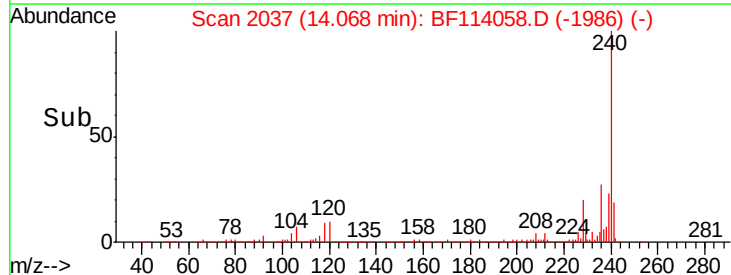
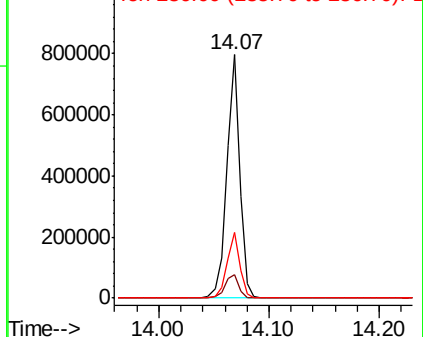


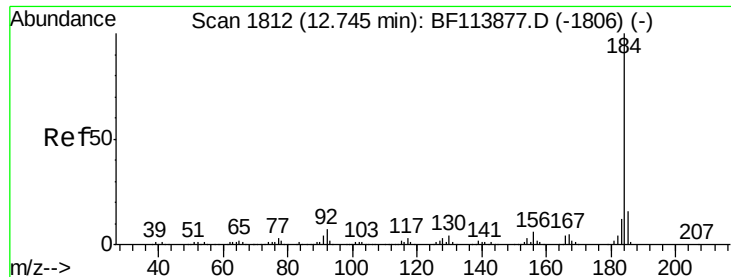
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF114058.D
 Acq: 1 May 2019 10:15

Tgt Ion:240 Resp: 655063
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.3 13.9
 236 26.8 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: 38.634 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

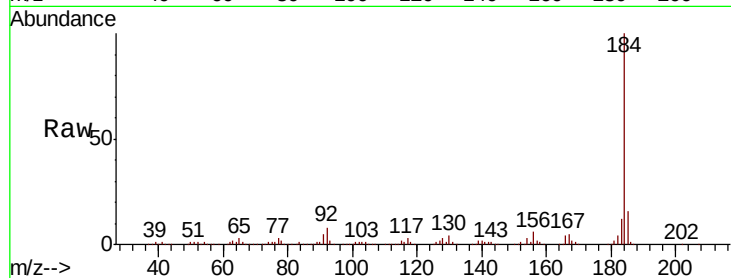
Tot Ion:184 Resp: 754062

Ion Ratio Lower Upper

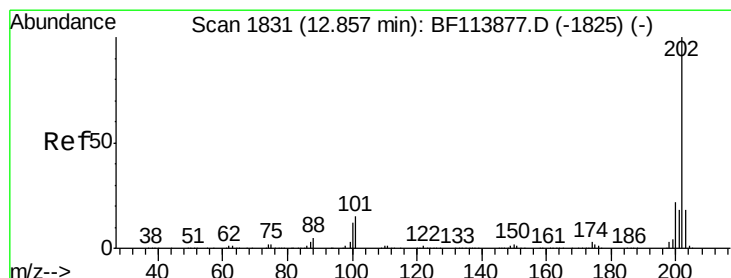
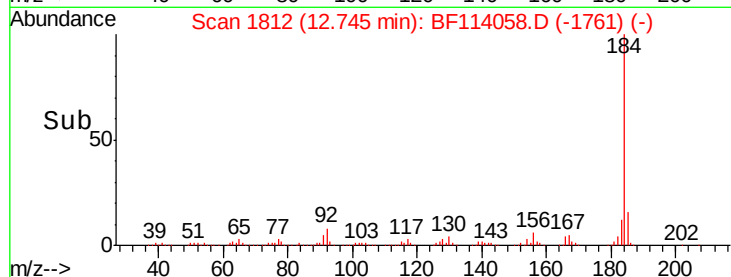
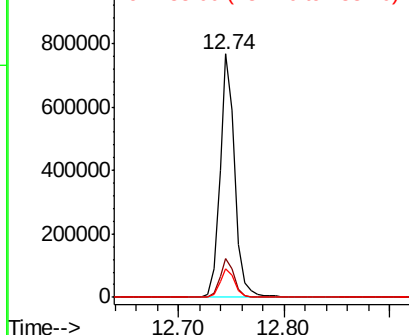
184 100

185 16.0 13.0 19.6

183 11.6 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: 39.262 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

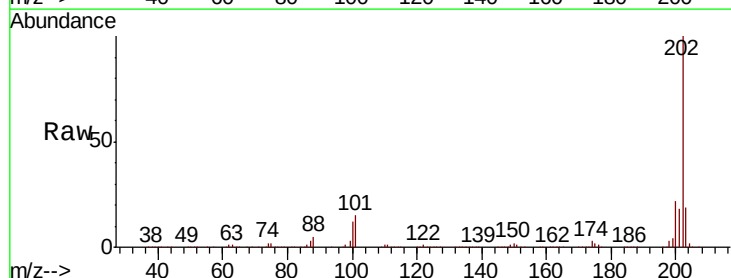
Tgt Ion:202 Resp: 1798596

Ion Ratio Lower Upper

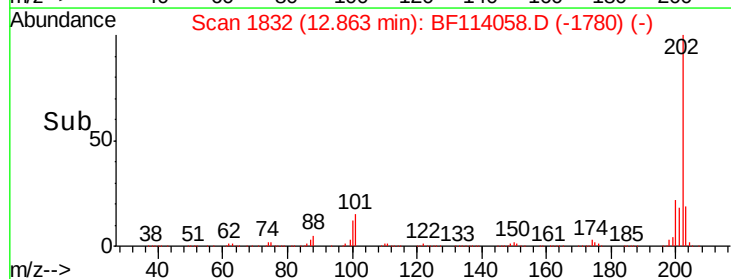
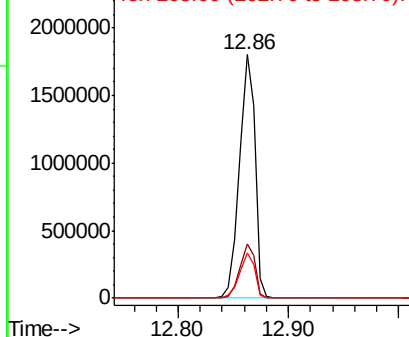
202 100

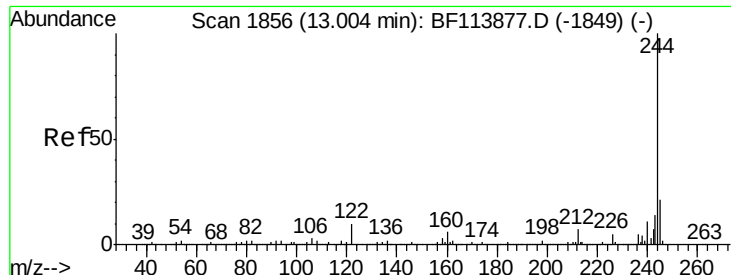
200 22.3 17.7 26.5

203 18.6 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: 75.844 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

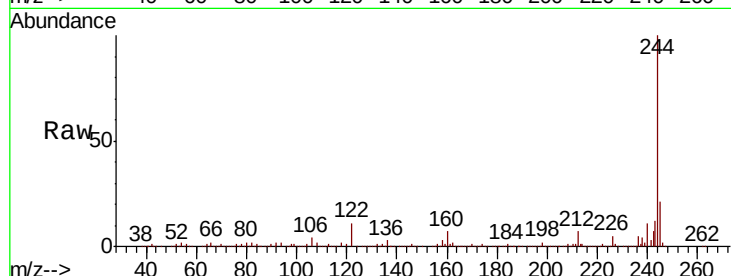
Tot Ion:244 Resp: 2423374

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

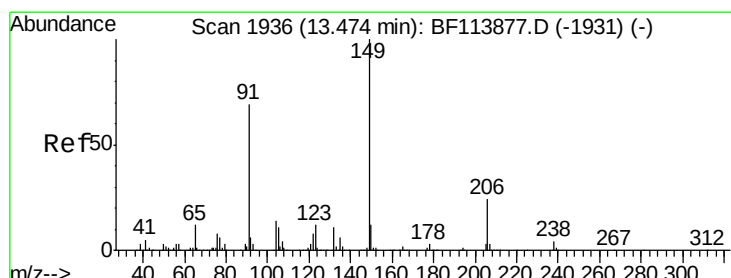
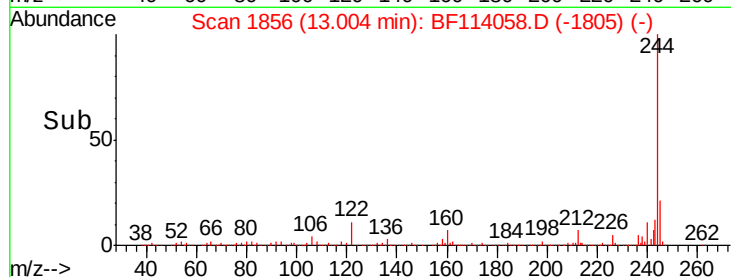
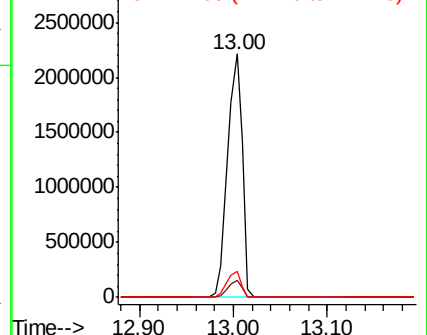
122 10.8 7.6 11.4



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: 41.834 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

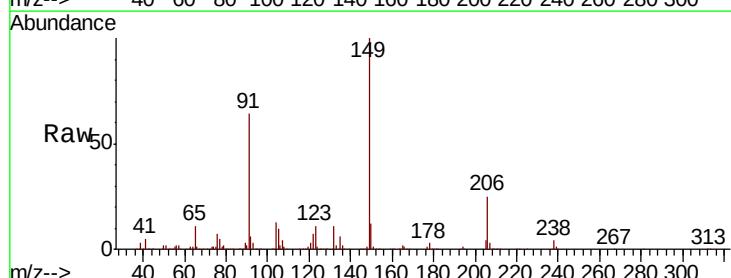
Tgt Ion:149 Resp: 754005

Ion Ratio Lower Upper

149 100

91 64.4 56.3 84.5

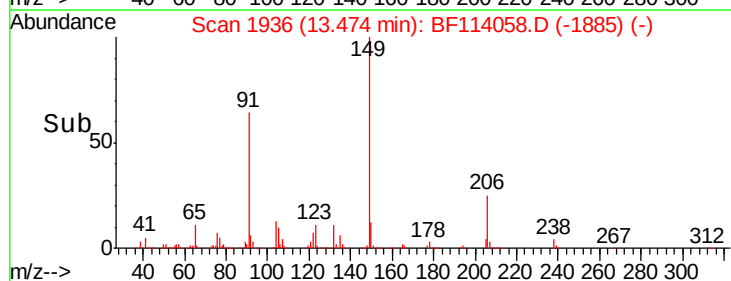
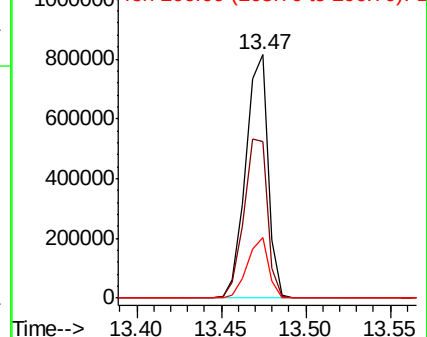
206 24.6 19.0 28.6

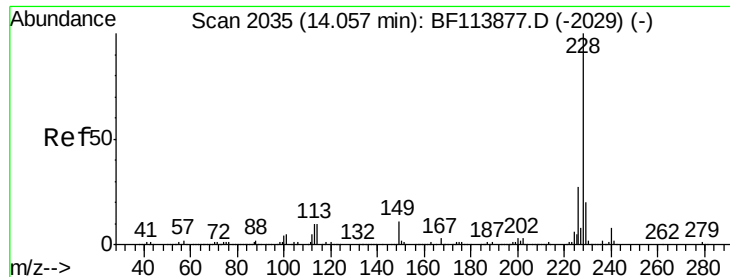


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.349 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

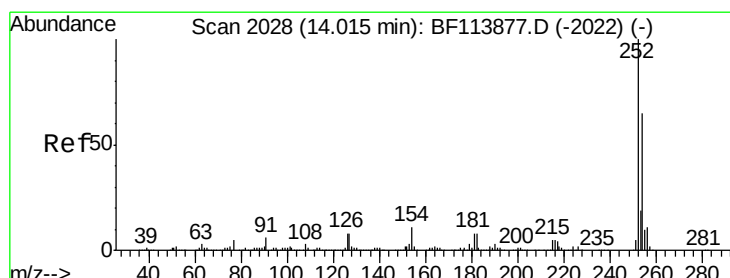
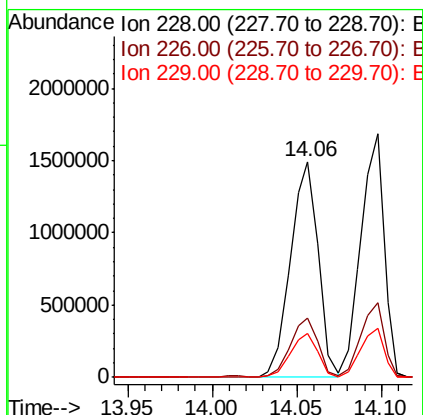
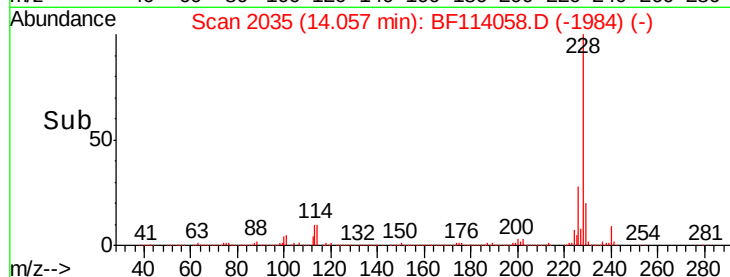
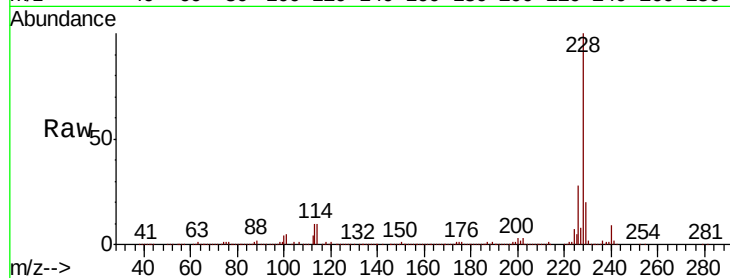
Tot Ion:228 Resp: 1711667

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	20.2	16.0	24.0

228 100

226 27.6 22.2 33.2

229 20.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 47.097 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

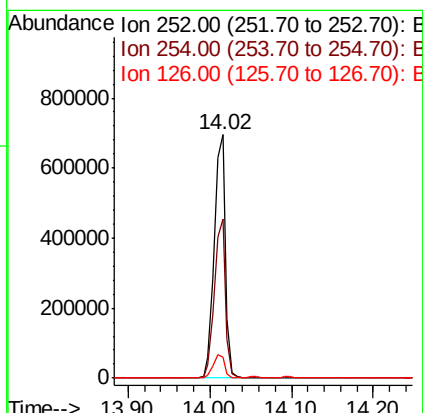
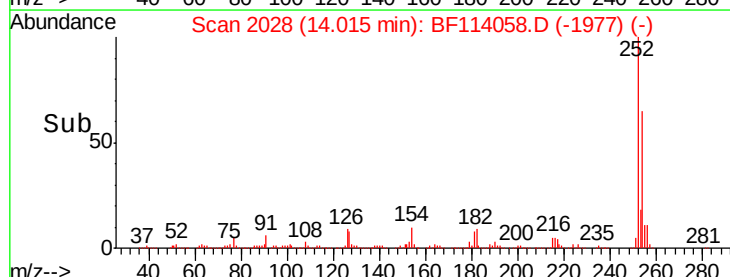
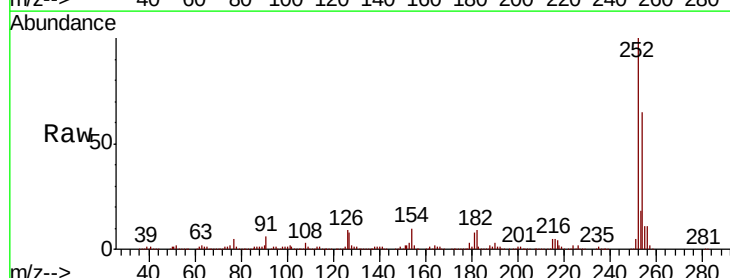
Tgt Ion:252 Resp: 666249

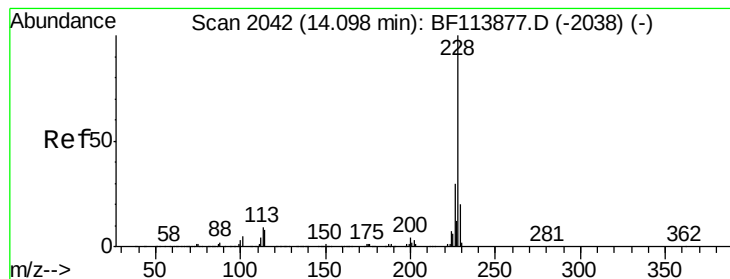
Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	8.7	9.3	13.9#

252 100

254 65.2 52.1 78.1

126 8.7 9.3 13.9#





#83

Chrysene

Concen: 43.038 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

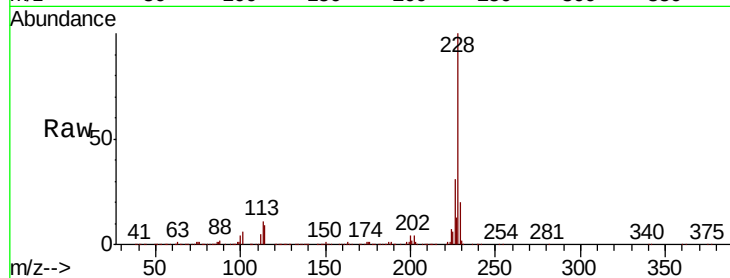
Tot Ion:228 Resp: 1617699

Ion Ratio Lower Upper

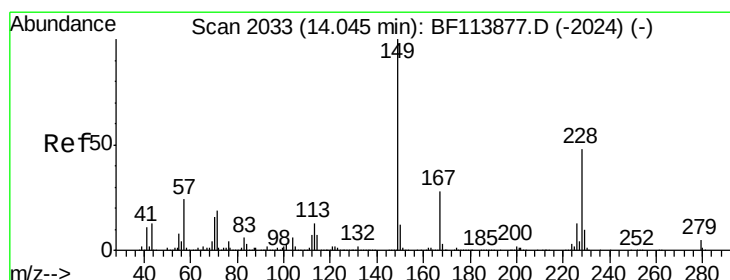
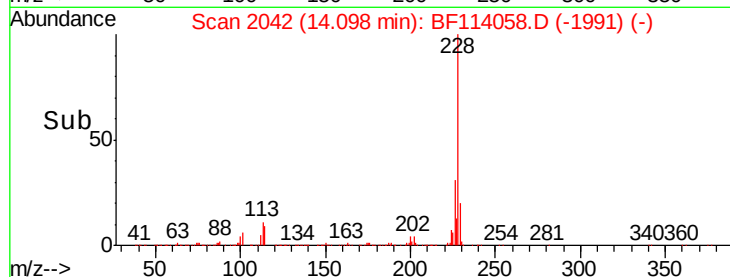
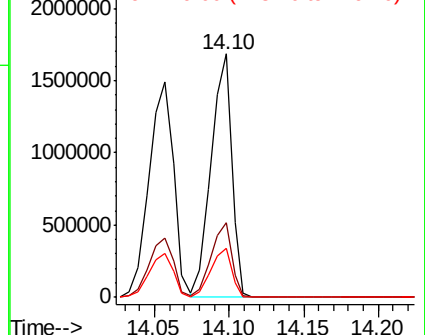
228 100

226 30.6 25.2 37.8

229 20.3 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.189 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

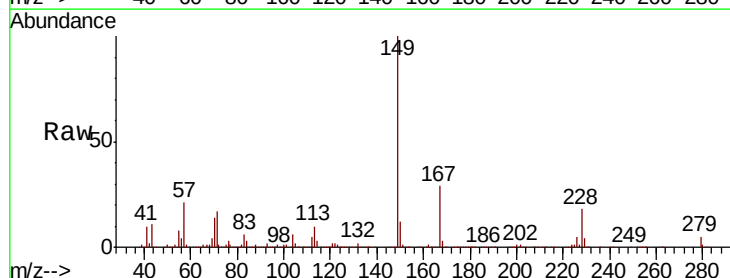
Tgt Ion:149 Resp: 1036252

Ion Ratio Lower Upper

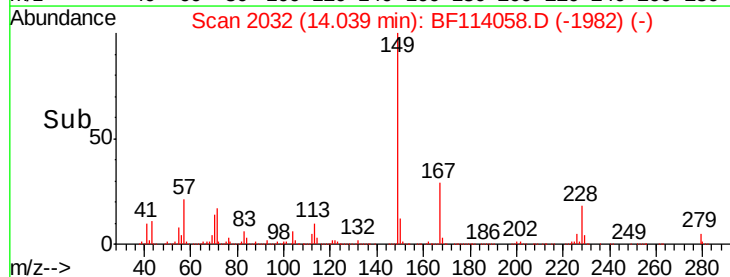
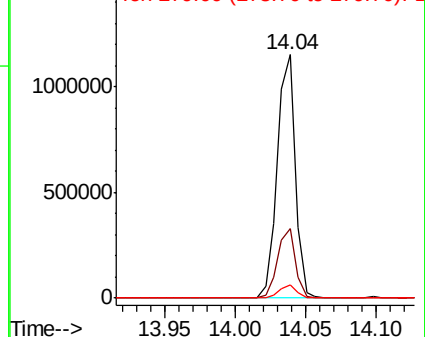
149 100

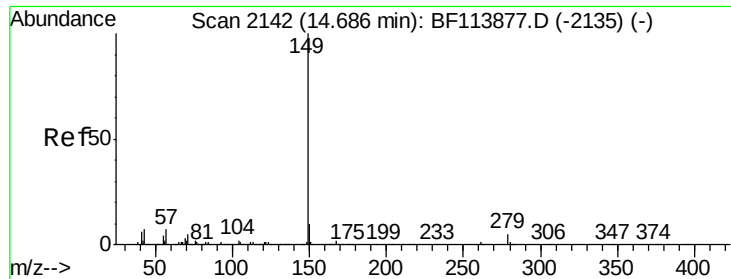
167 28.7 22.9 34.3

279 5.3 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.154 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

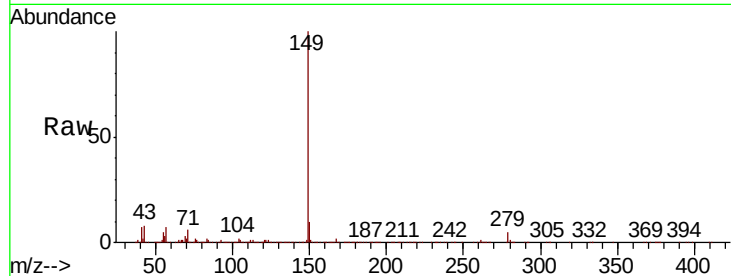
Tot Ion:149 Resp: 1692523

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

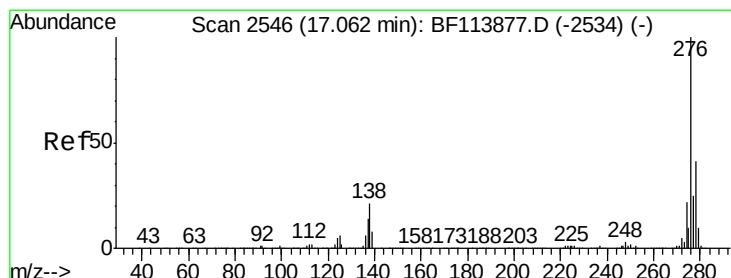
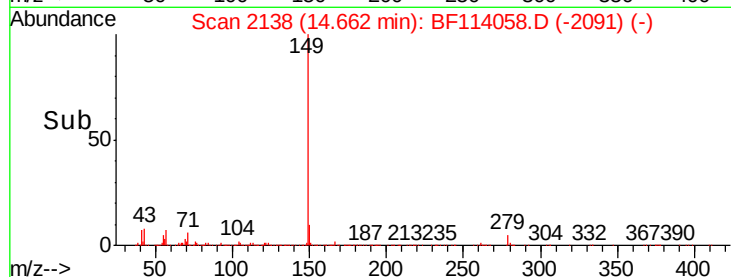
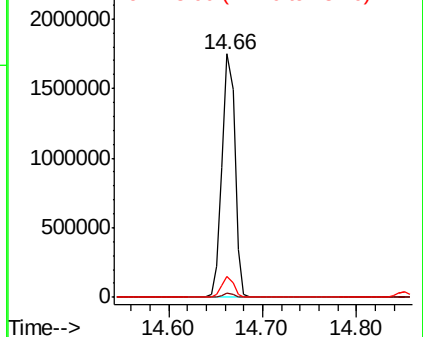
43 7.8 6.6 10.0



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: 42.271 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

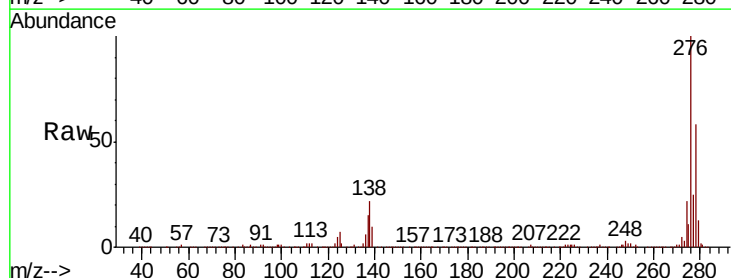
Tgt Ion:276 Resp: 1505023

Ion Ratio Lower Upper

276 100

138 22.6 19.6 29.4

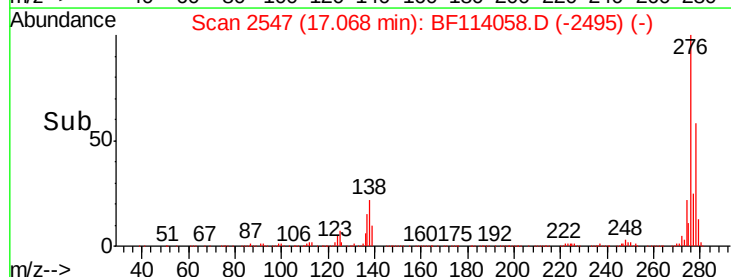
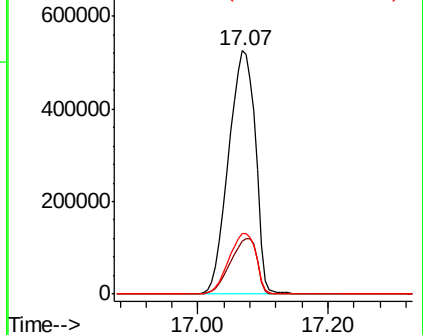
277 25.4 20.2 30.4

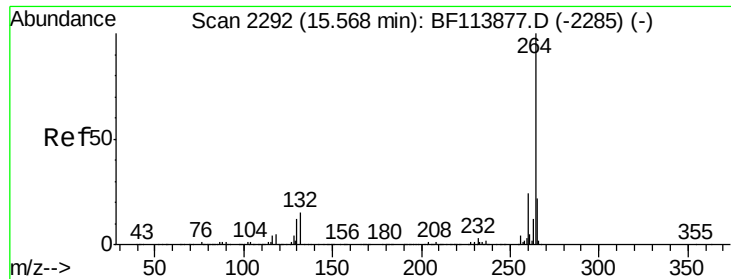


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

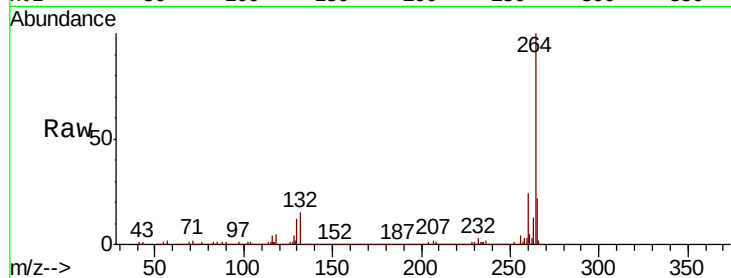
Tot Ion:264 Resp: 668944

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

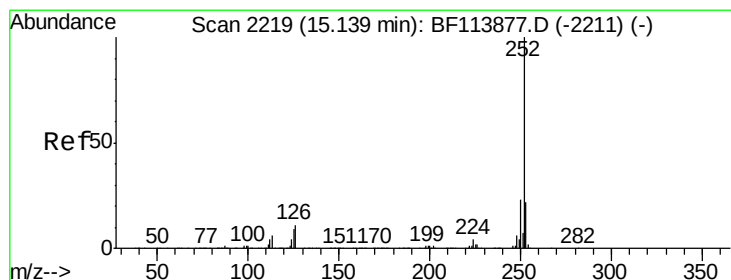
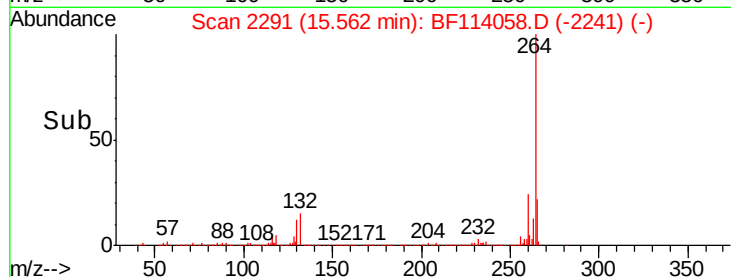
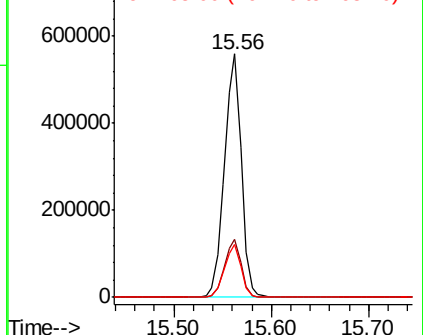
265 21.6 17.3 25.9



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: 40.465 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF114058.D

Acq: 1 May 2019 10:15

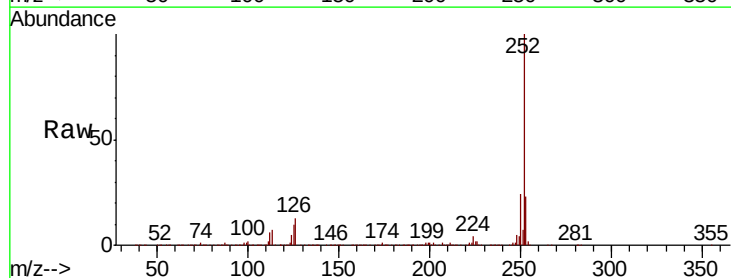
Tgt Ion:252 Resp: 1712616

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

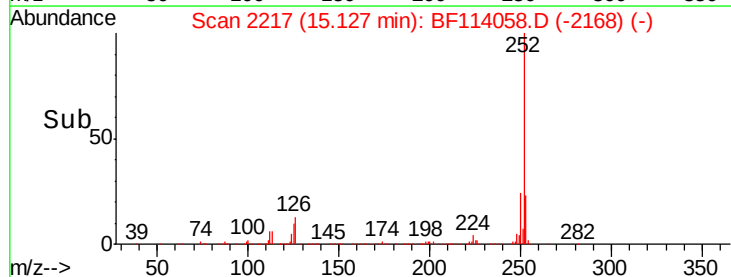
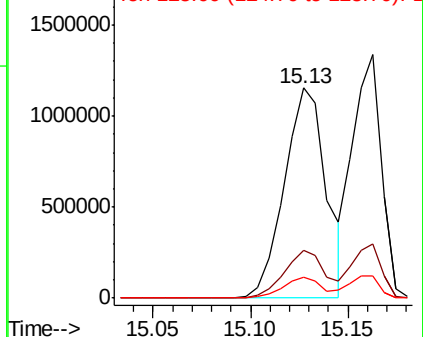
125 9.9 7.0 10.6

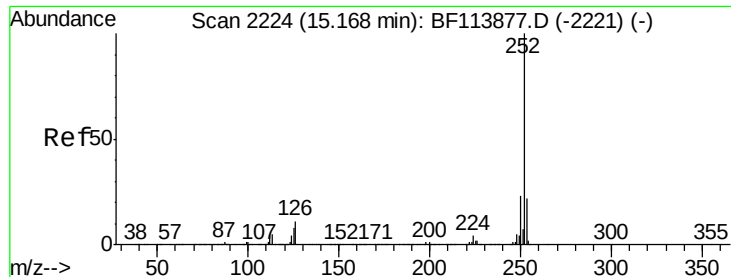


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

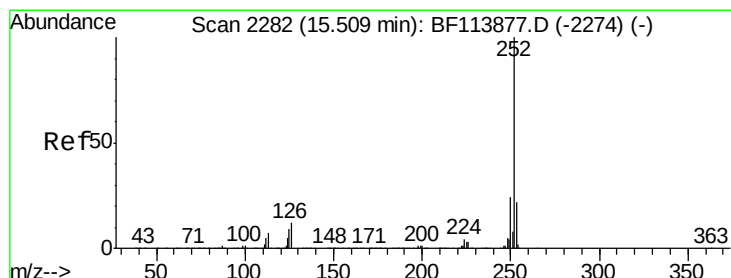
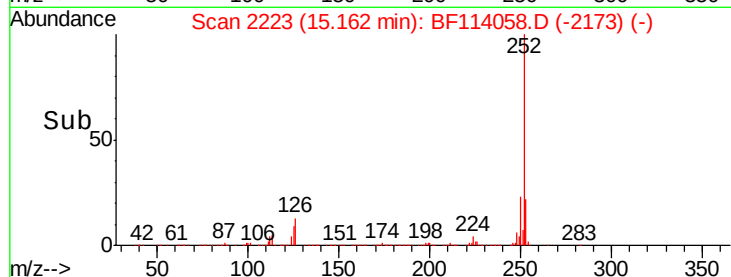
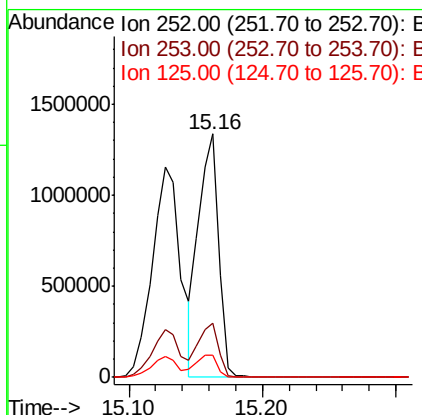
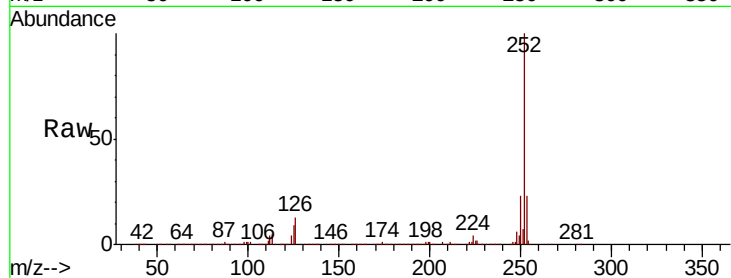




#89
Benzo(k)fluoranthene
Concen: 37.769 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

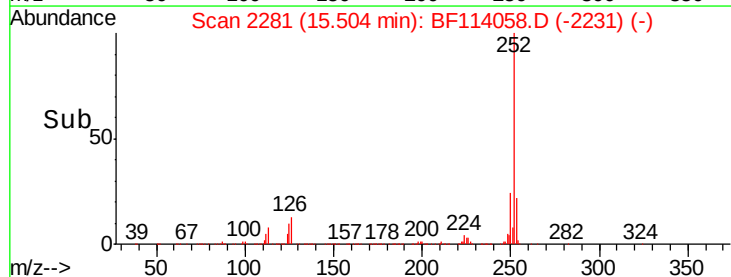
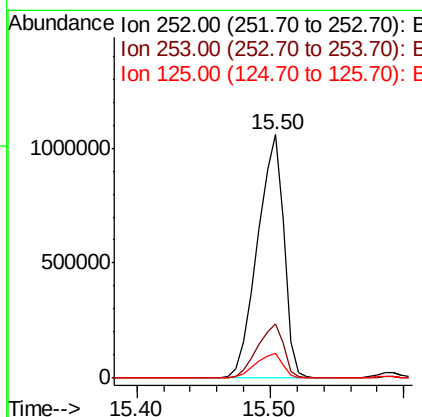
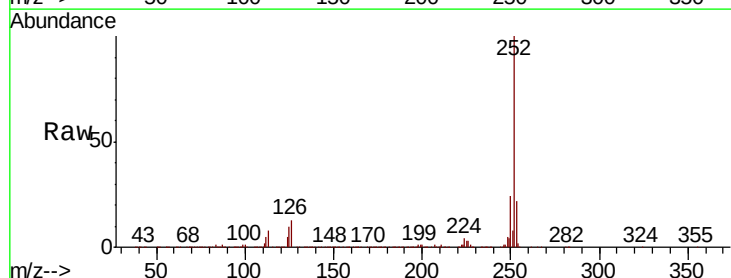
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

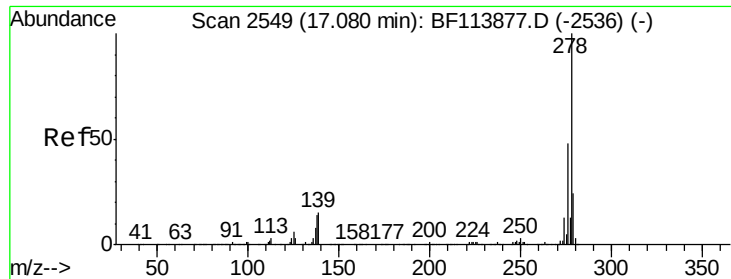
Tot Ion:252 Resp: 1375017
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 39.411 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:252 Resp: 1442742
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.3 8.5 12.7



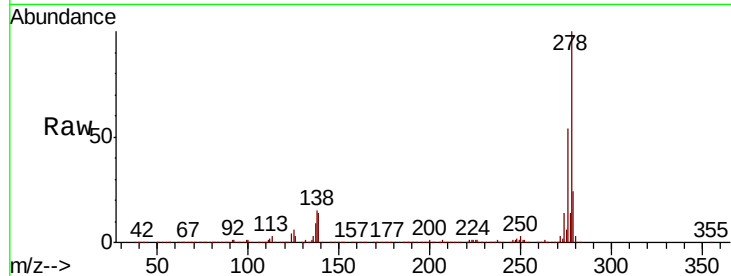


#91
Dibenzo(a,h)anthracene
Concen: 36.143 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

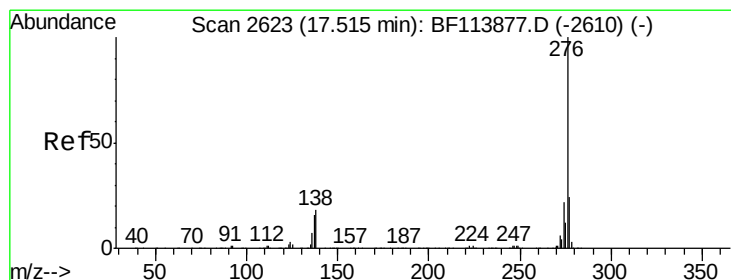
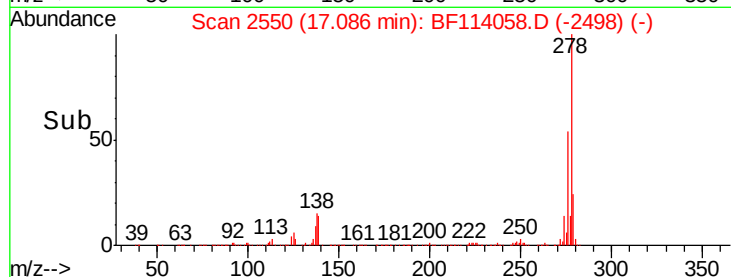
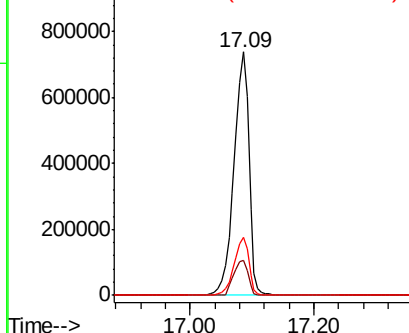
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1242026

Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.6	17.4
279	23.7	19.0	28.6



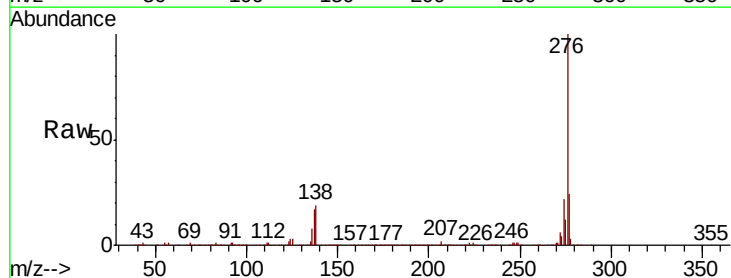
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.901 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF114058.D
Acq: 1 May 2019 10:15

Tgt Ion:276 Resp: 1210361

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	19.4	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

