

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114043.D
 Acq On : 30 Apr 2019 15:44
 Operator : JU/SJ
 Sample : K2194-01MSD 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 23:02:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	115325	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	433623	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	212450	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	380094	20.00	ng	0.00
76) Chrysene-d12	14.05	240	290158	20.00	ng	-0.02
87) Perylene-d12	15.54	264	229066	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	496651	73.66	ng	0.00
7) Phenol-d6	6.52	99	665587	78.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	388374	55.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	194822	75.28	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	768080	56.54	ng	-0.01
79) Terphenyl-d14	13.00	244	761987	53.84	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	8174	2.572	ng	# 85
3) Pyridine	3.46	79	18530	2.136	ng	# 86
4) n-Nitrosodimethylamine	3.35	42	8014	2.698	ng	# 98
8) 2-Chlorophenol	6.67	128	24981	3.245	ng	97
9) Benzaldehyde	6.44	77	5244	Below Cal		96
10) Phenol	6.53	94	37098	3.667	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	24518	3.221	ng	94
12) 1,3-Dichlorobenzene	6.83	146	27881	3.198	ng	98
13) 1,4-Dichlorobenzene	6.91	146	28438	3.243	ng	98
14) 1,2-Dichlorobenzene	7.06	146	27064	3.358	ng	97
15) Benzyl Alcohol	7.02	79	12154	2.133	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	26756	3.011	ng	87
17) 2-Methylphenol	7.14	107	21170	3.137	ng	97
18) Hexachloroethane	7.40	117	8030	2.612	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	19498	3.559	ng	98
20) 3+4-Methylphenols	7.29	107	26424	3.466	ng	# 44
22) Acetophenone	7.29	105	38362	3.976	ng	95
24) Nitrobenzene	7.46	77	29441	3.794	ng	99
25) Isophorone	7.70	82	49301	3.431	ng	# 93
26) 2-Nitrophenol	7.79	139	10239	2.892	ng	# 86
27) 2,4-Dimethylphenol	7.82	122	21524	3.732	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	30751	3.358	ng	97
29) 2,4-Dichlorophenol	8.03	162	21536	3.265	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	25063	3.408	ng	97
31) Naphthalene	8.19	128	81294	3.946	ng	99
32) Benzoic acid	7.82	122	21524	5.526	ng	# 18
33) 4-Chloroaniline	8.24	127	18592	2.133	ng	94
34) Hexachlorobutadiene	8.32	225	15379	3.354	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	24068	3.683	ng	97
37) 2-Methylnaphthalene	8.89	142	56411	4.061	ng	99
38) 1-Methylnaphthalene	8.98	142	52538	3.919	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	25919	3.756	ng	96
43) 2,4,6-Trichlorophenol	9.16	196	16174	3.691	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	16880	3.434	ng	# 83

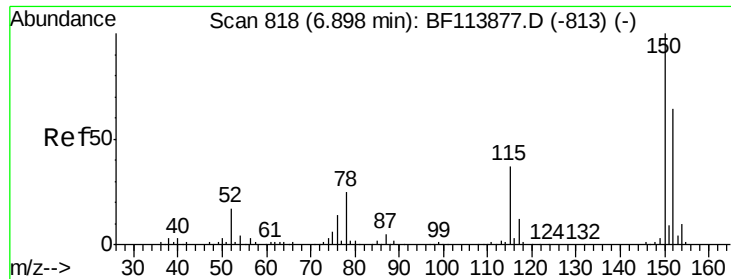
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.35	154	69197	4.264	ng	98
47) 2-Chloronaphthalene	9.37	162	50441	3.822	ng	97
48) 2-Nitroaniline	9.46	65	14465	4.181	ng	95
49) Acenaphthylene	9.79	152	83789	4.055	ng	99
50) Dimethylphthalate	9.63	163	198866	12.943	ng	99
51) 2,6-Dinitrotoluene	9.70	165	10258	3.112	ng	87
52) Acenaphthene	9.96	154	46356	3.796	ng	99
53) 3-Nitroaniline	9.87	138	10259	2.962	ng #	98
54) 2,4-Dinitrophenol	10.18	184	126	8.398	ng #	42
55) Dibenzofuran	10.13	168	73735	4.031	ng	97
56) 4-Nitrophenol	10.03	139	15948	5.815	ng #	80
57) 2,4-Dinitrotoluene	10.10	165	11037	2.653	ng #	93
58) Fluorene	10.47	166	57846	4.201	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	14082	3.260	ng #	53
60) Diethylphthalate	10.33	149	58017	3.976	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	27208	3.731	ng	95
62) 4-Nitroaniline	10.47	138	8736	2.584	ng	91
63) Azobenzene	10.62	77	48022	3.396	ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	123	7.368	ng #	1
66) n-Nitrosodiphenylamine	10.57	169	52601	4.612	ng	97
67) 4-Bromophenyl-phenylether	10.95	248	15841	3.450	ng #	88
68) Hexachlorobenzene	11.03	284	16635	3.297	ng	96
69) Atrazine	11.10	200	16481	4.442	ng	97
70) Pentachlorophenol	11.22	266	15444	5.406	ng	96
71) Phenanthrene	11.43	178	151745	7.944	ng	98
72) Anthracene	11.49	178	92780	4.810	ng	98
73) Carbazole	11.63	167	68186	3.962	ng	97
74) Di-n-butylphthalate	11.97	149	85430	4.220	ng	99
75) Fluoranthene	12.63	202	233408	11.200	ng	98
78) Pyrene	12.86	202	232915	11.479	ng	98
80) Butylbenzylphthalate	13.46	149	35050	4.390	ng	91
81) Benzo(a)anthracene	14.04	228	150036	8.776	ng	96
83) Chrysene	14.07	228	146737	8.813	ng	96
84) Bis(2-ethylhexyl)phthalate	14.03	149	55210	5.435	ng	98
85) Di-n-octyl phthalate	14.65	149	74212	4.668	ng #	89
86) Indeno(1,2,3-cd)pyrene	17.03	276	76402	4.845	ng	96
88) Benzo(b)fluoranthene	15.11	252	129475	8.934	ng #	88
89) Benzo(k)fluoranthene	15.13	252	85436	6.853	ng #	76
90) Benzo(a)pyrene	15.48	252	102574	8.183	ng #	86
91) Dibenzo(a,h)anthracene	17.05	278	44601	3.790	ng #	82
92) Benzo(g,h,i)perylene	17.49	276	68622	5.779	ng	99

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

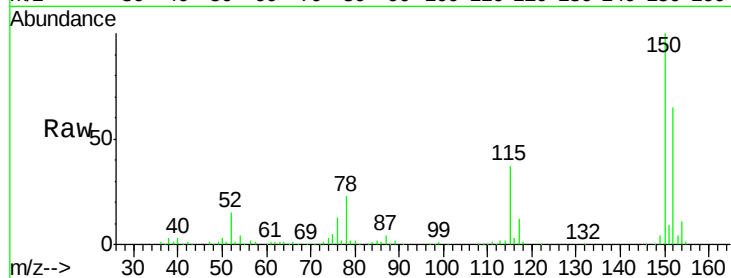


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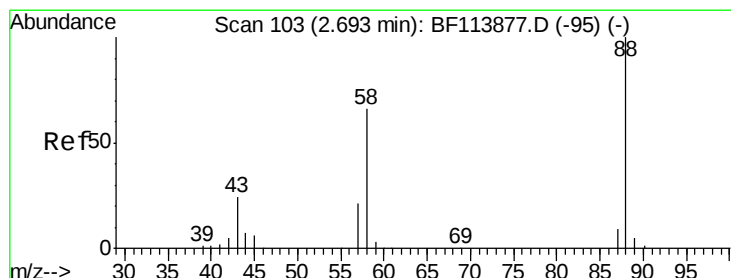
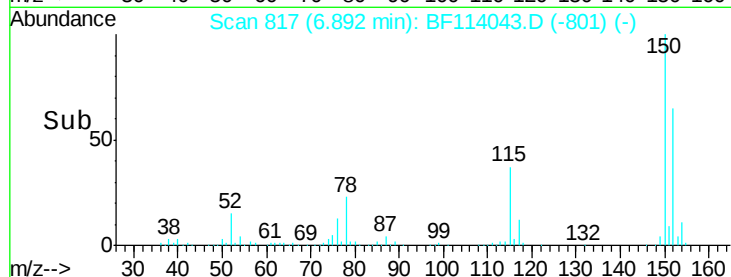
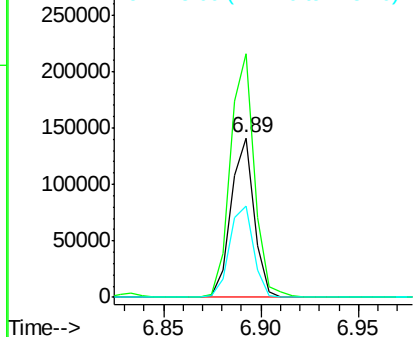
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115325
Ion Ratio Lower Upper
152 100
150 153.0 125.9 188.9
115 57.0 45.9 68.9



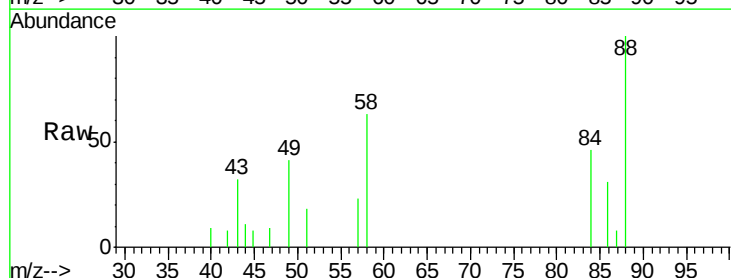
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



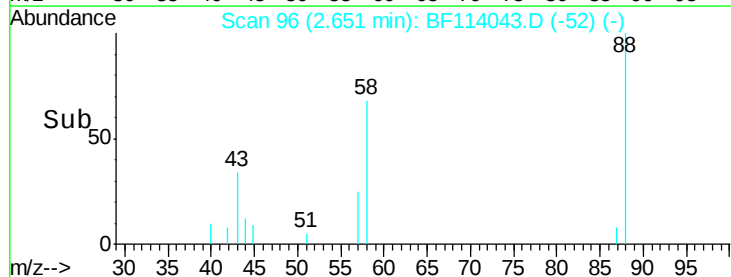
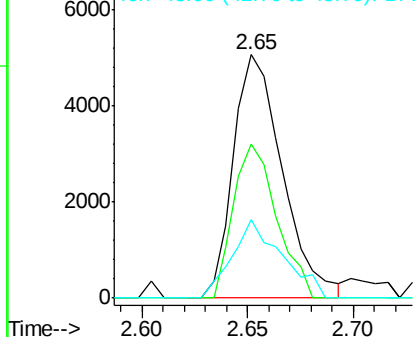
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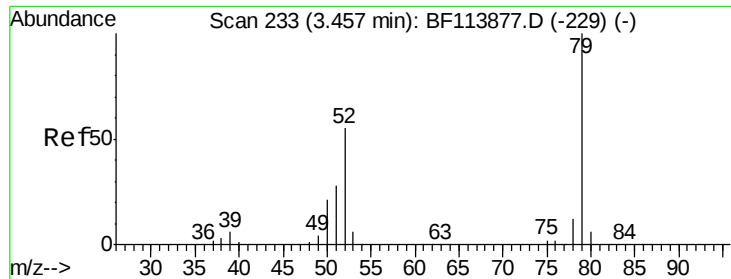
1,4-Dioxane
Concen: 2.572 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.04 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion: 88 Resp: 8174
Ion Ratio Lower Upper
88 100
58 55.8 53.3 79.9
43 32.7 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

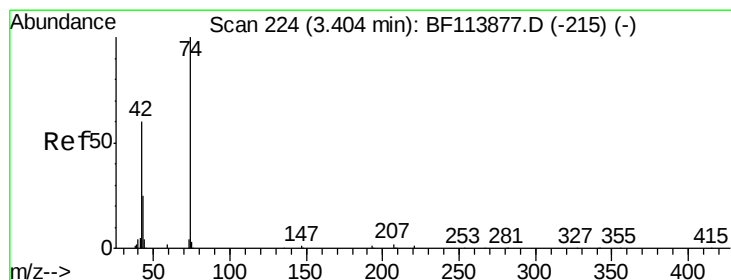
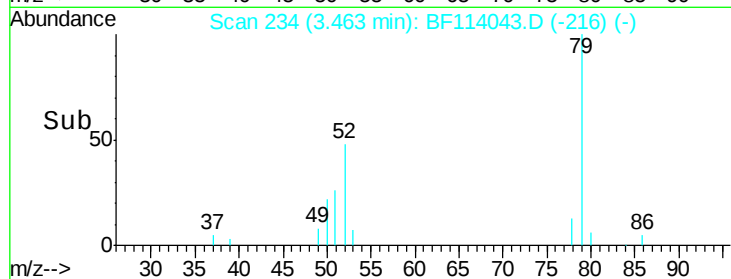
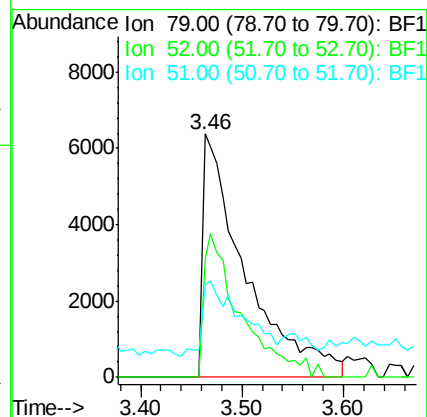
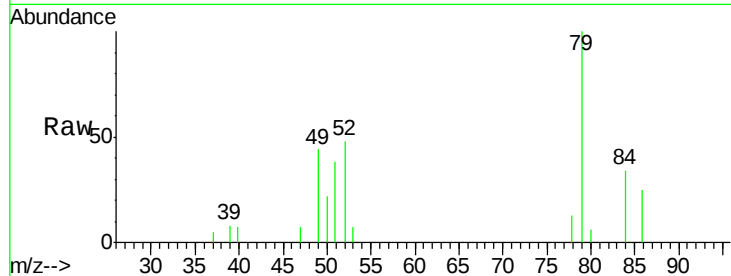




#3
 Pvridine
 Concen: 2.136 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

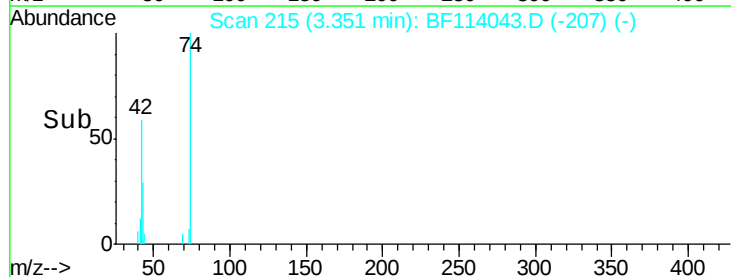
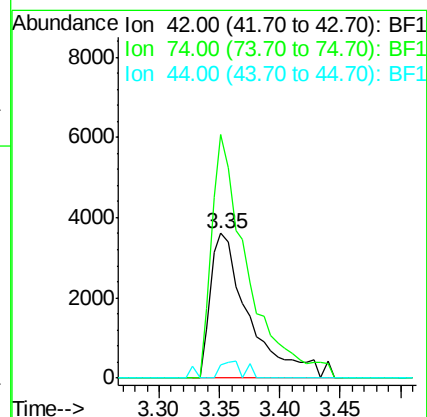
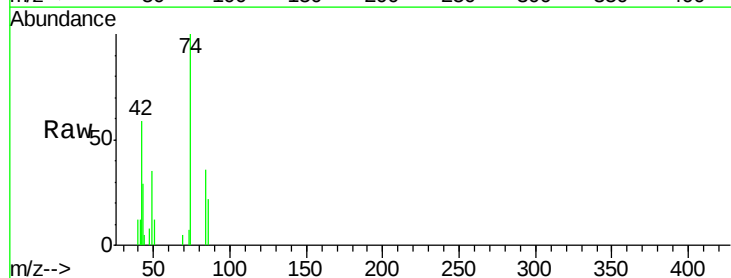
Instrument :
 BNA_F
 ClientSampleId :

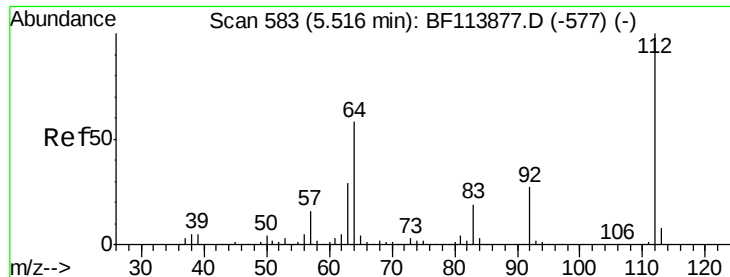
Tot Ion: 79 Resp: 18530
 Ion Ratio Lower Upper
 79 100
 52 48.3 45.3 67.9
 51 38.3 22.1 33.1#



#4
 n-Nitrosodimethylamine
 Concen: 2.698 ng
 RT: 3.35 min Scan# 215
 Delta R.T. -0.05 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion: 42 Resp: 8014
 Ion Ratio Lower Upper
 42 100
 74 168.3 132.6 198.8
 44 8.8 5.8 8.8#





#5

2-Fluorophenol

Concen: 73.657 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

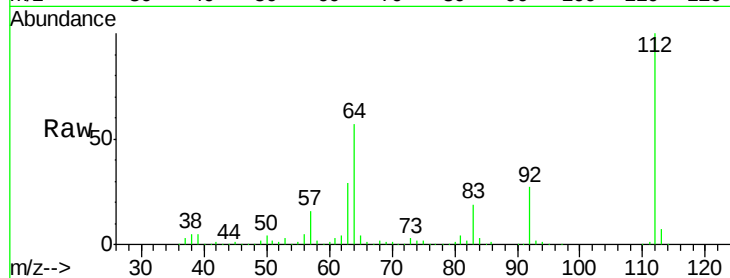
Tot Ion:112 Resp: 496651

Ion Ratio Lower Upper

112 100

64 57.1 46.6 69.8

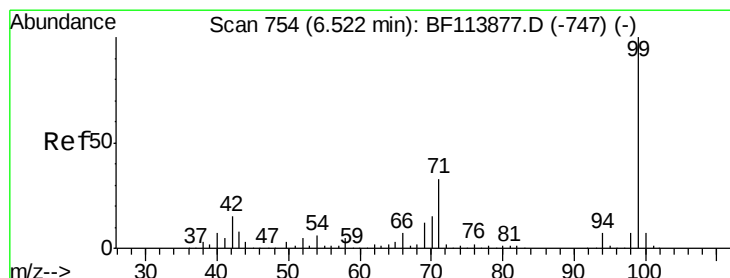
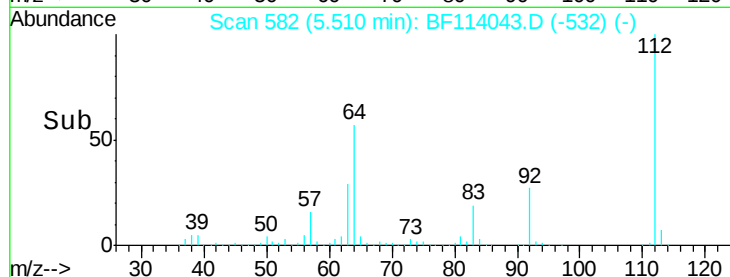
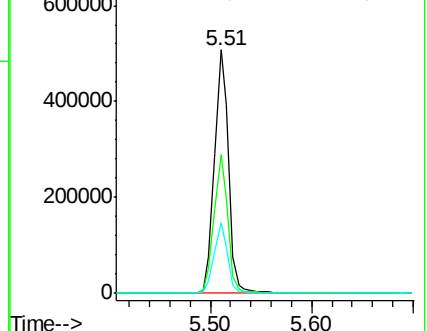
63 28.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 78.678 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

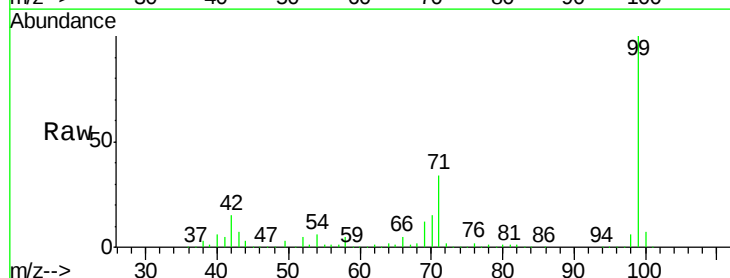
Tgt Ion: 99 Resp: 665587

Ion Ratio Lower Upper

99 100

42 15.1 12.5 18.7

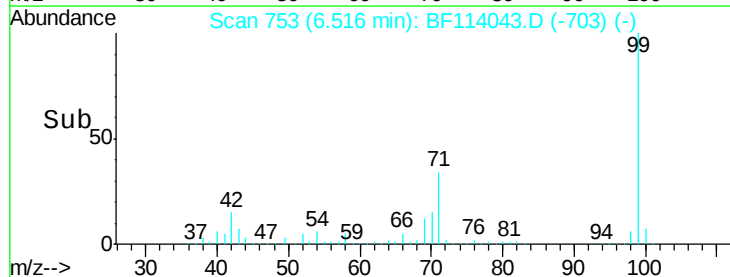
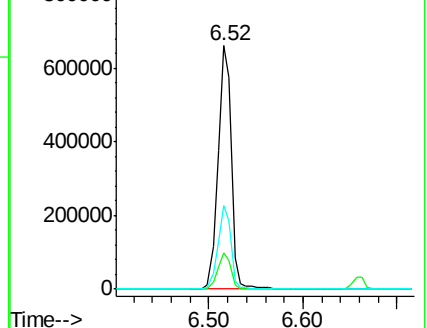
71 34.4 26.9 40.3

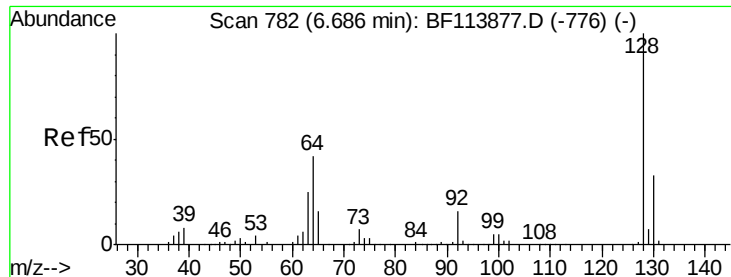


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 3.245 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

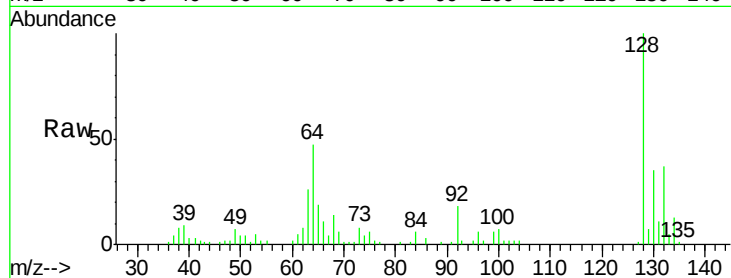
Tot Ion:128 Resp: 24981

Ion Ratio Lower Upper

128 100

130 35.0 12.3 52.3

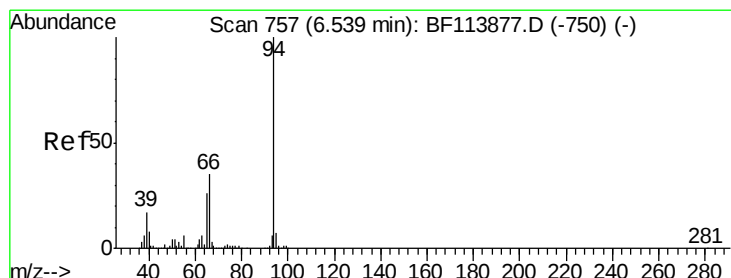
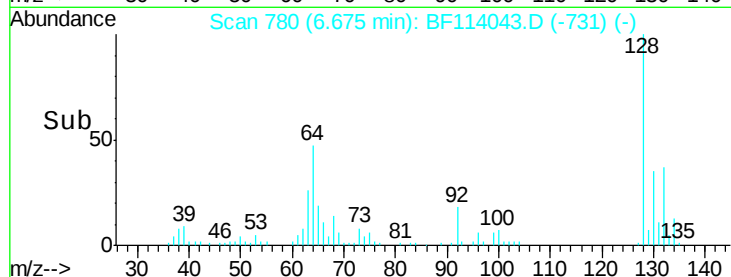
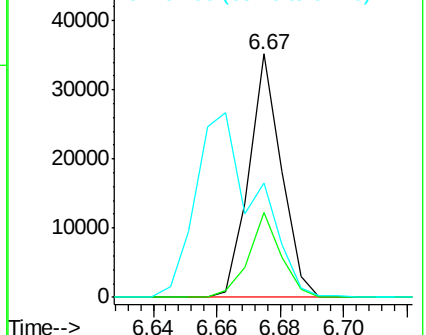
64 46.8 26.1 66.1



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



#10

Phenol

Concen: 3.667 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

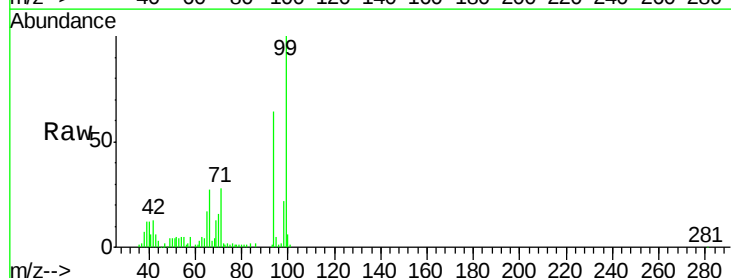
Tgt Ion: 94 Resp: 37098

Ion Ratio Lower Upper

94 100

65 26.8 8.1 48.1

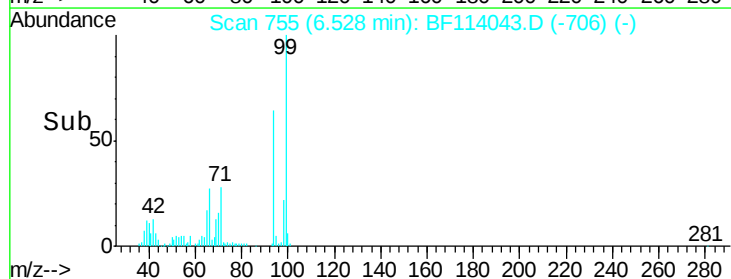
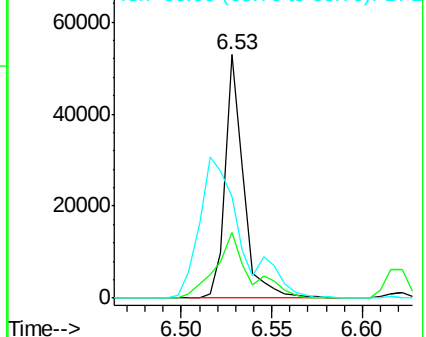
66 41.7 16.6 56.6

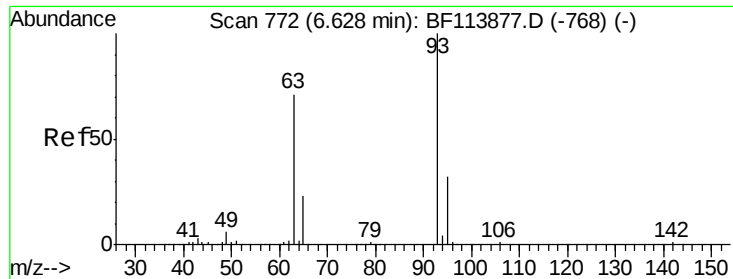


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 3.221 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

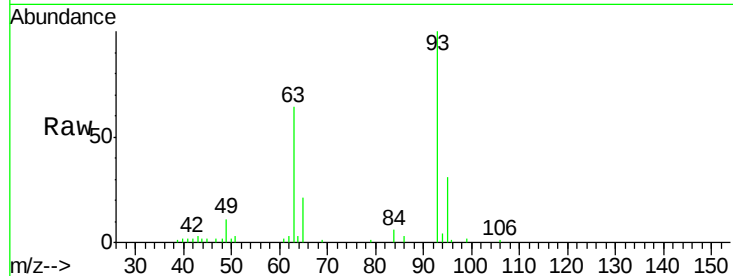
Tot Ion: 93 Resp: 24518

Ion Ratio Lower Upper

93 100

63 64.1 50.7 90.7

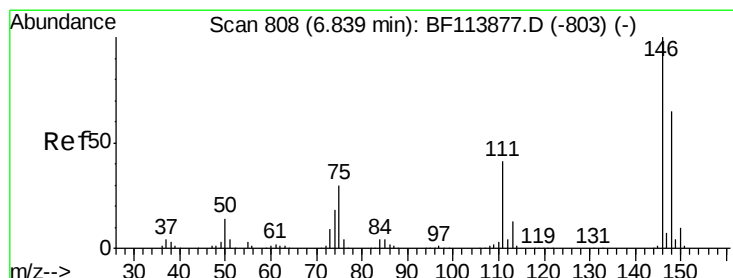
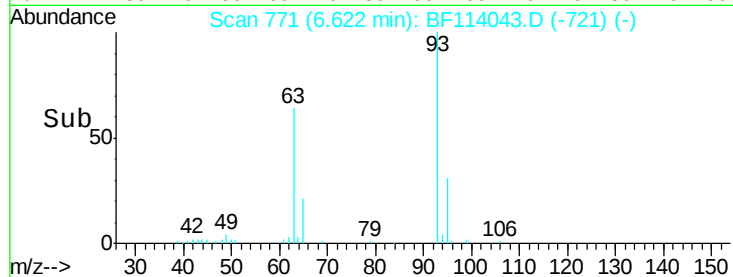
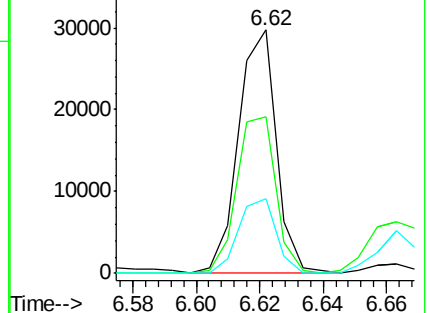
95 30.6 12.3 52.3



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: 3.198 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

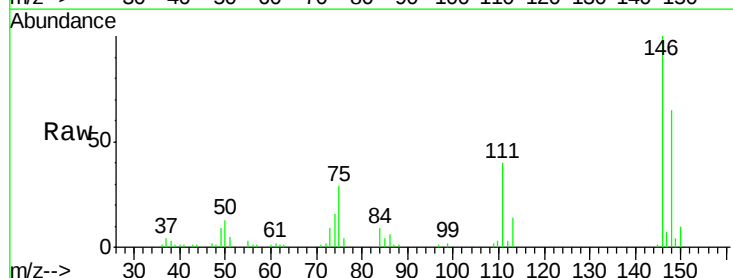
Tgt Ion: 146 Resp: 27881

Ion Ratio Lower Upper

146 100

148 65.2 51.0 76.6

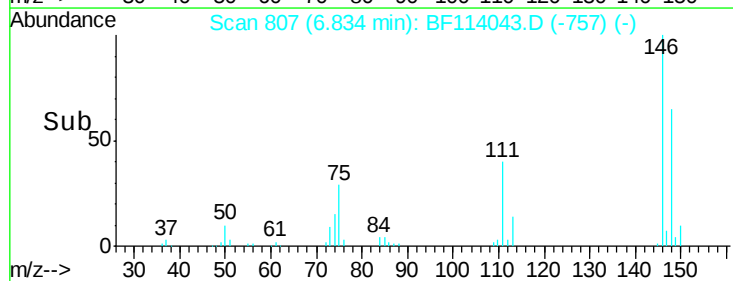
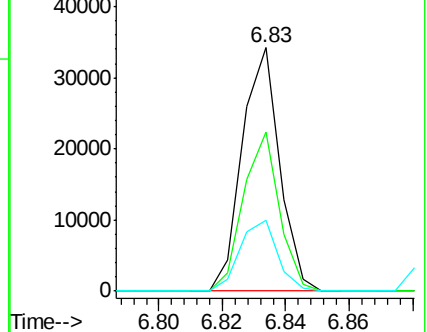
75 29.1 23.8 35.8

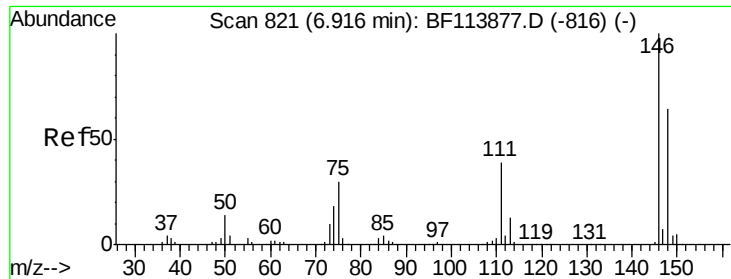


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

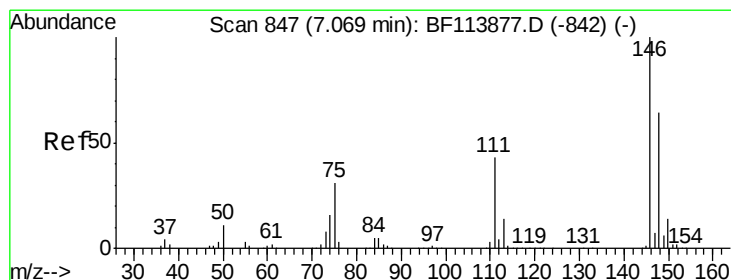
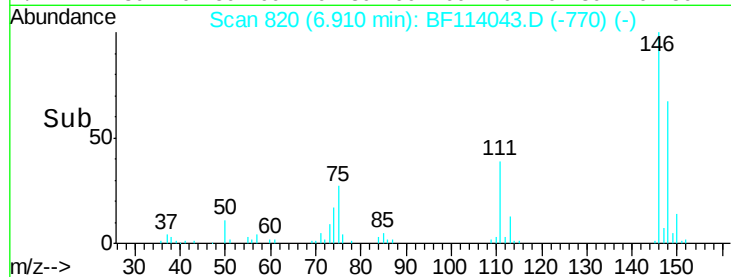
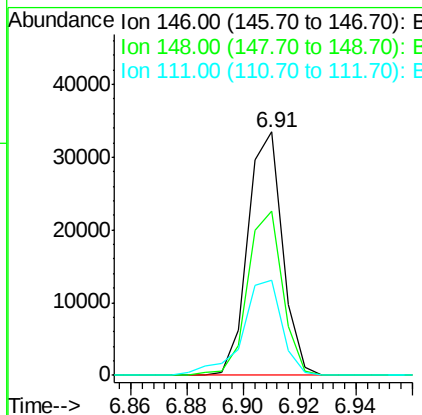
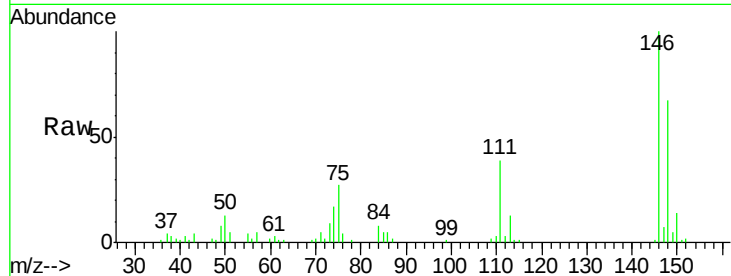




#13
 1,4-Dichlorobenzene
 Concen: 3.243 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

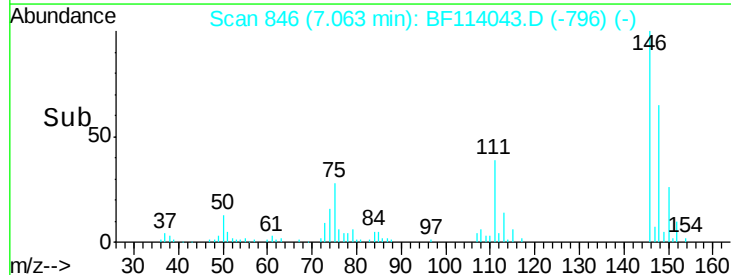
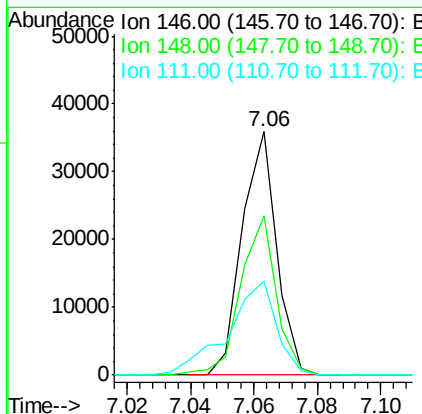
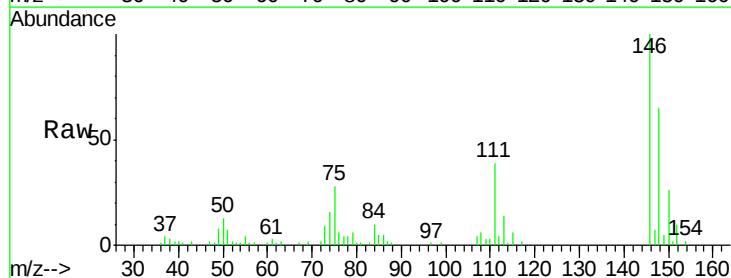
Instrument :
 BNA_F
 ClientSampleId :

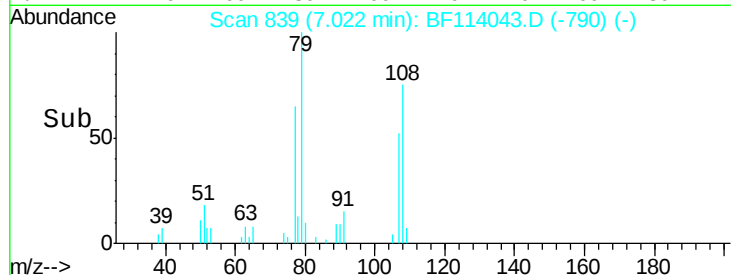
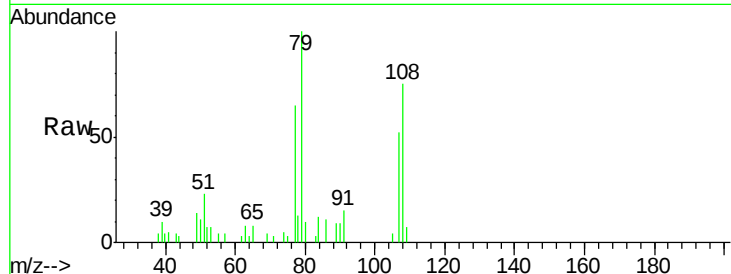
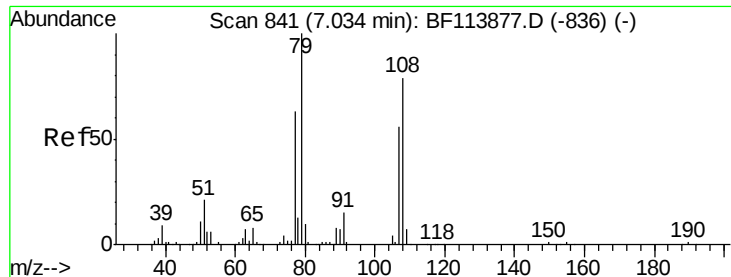
Tot Ion:146 Resp: 28438
 Ion Ratio Lower Upper
 146 100
 148 67.3 51.8 77.8
 111 38.9 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 3.358 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion:146 Resp: 27064
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.1 78.1
 111 38.8 34.2 51.4

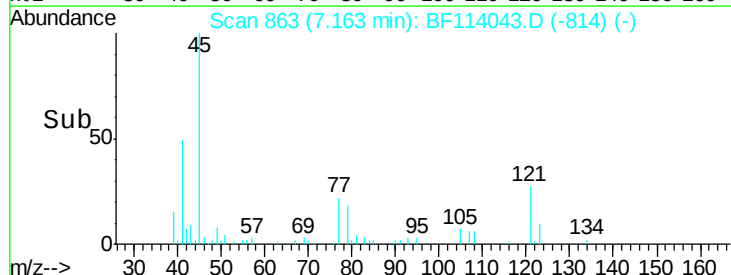
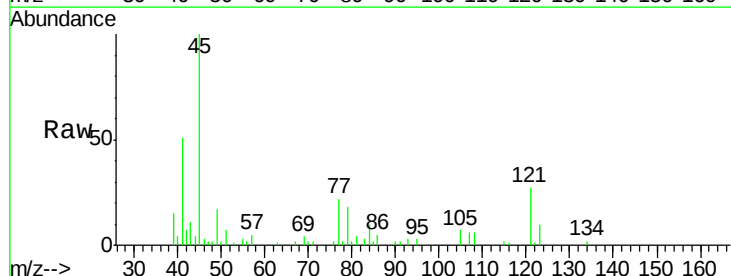
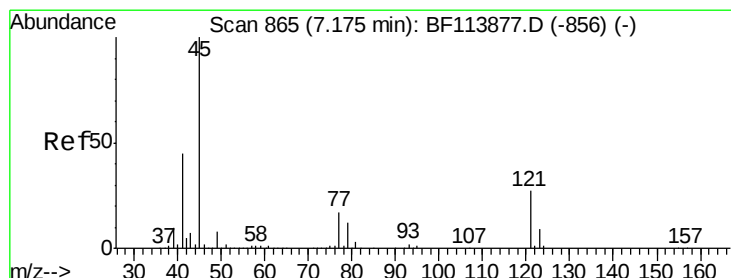
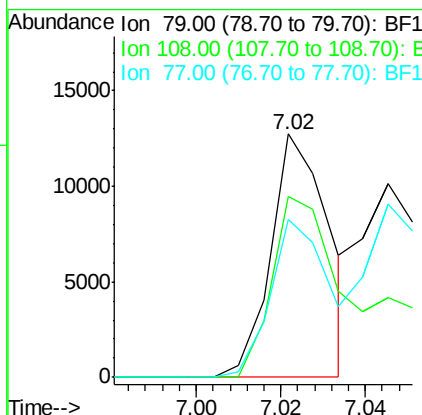




#15
Benzyl Alcohol
Concen: 2.133 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

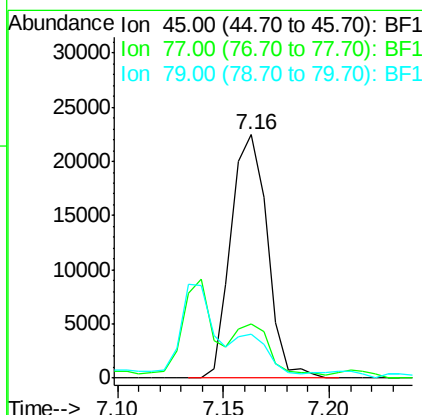
Instrument :
BNA_F
ClientSampleId :

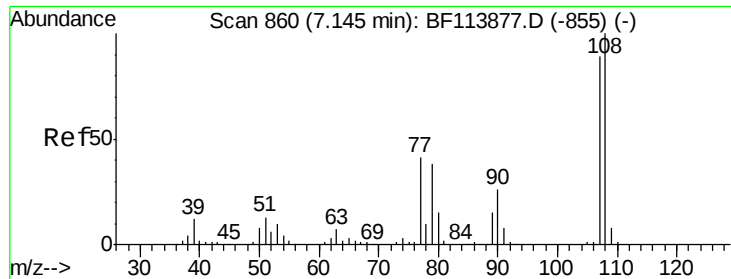
Tot Ion: 79 Resp: 12154
Ion Ratio Lower Upper
79 100
108 74.5 61.4 92.0
77 64.9 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.011 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion: 45 Resp: 26756
Ion Ratio Lower Upper
45 100
77 22.4 0.0 37.0
79 17.9 0.0 32.7

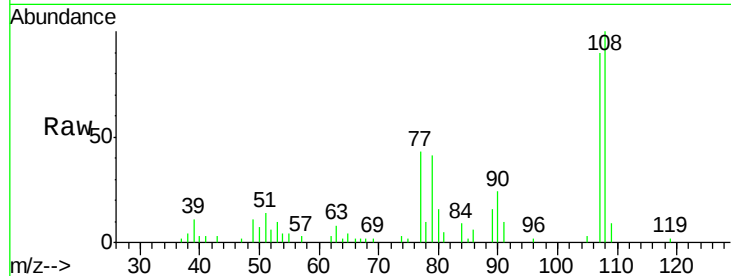




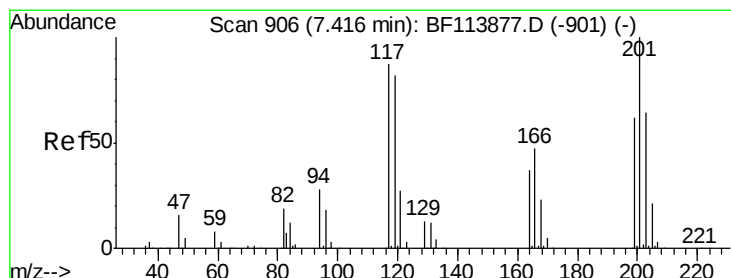
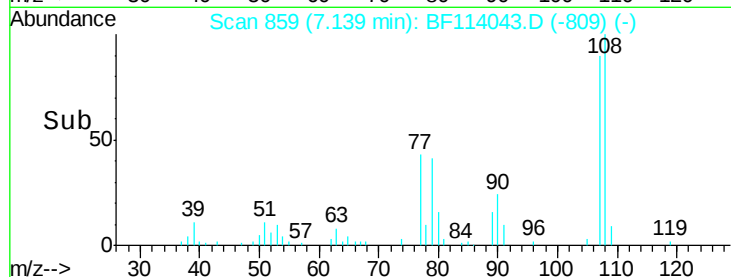
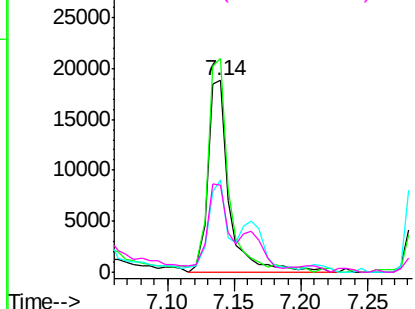
#17
2-Methylphenol
Concen: 3.137 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 21170
Ion Ratio Lower Upper
107 100
108 111.3 91.5 137.3
77 48.2 36.2 54.4
79 45.2 35.4 53.0

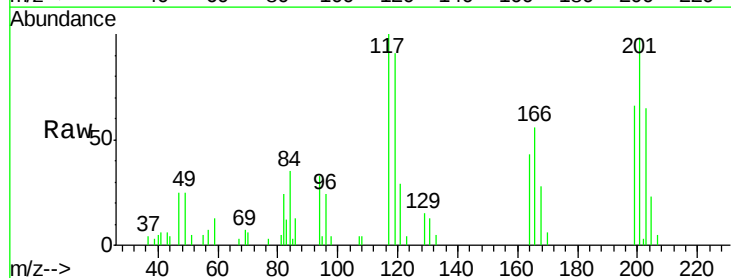


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

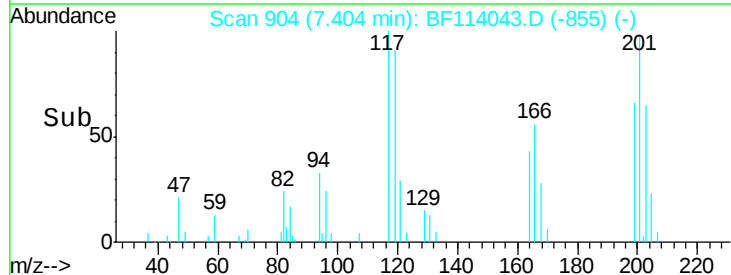
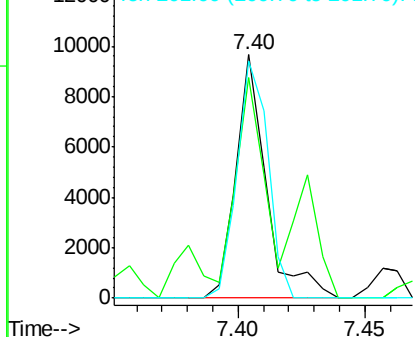


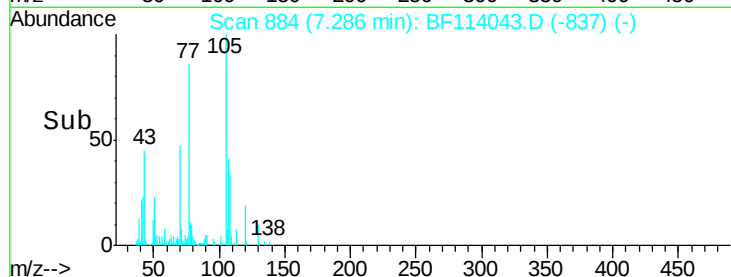
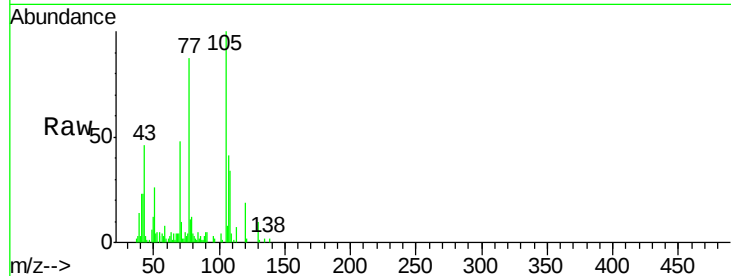
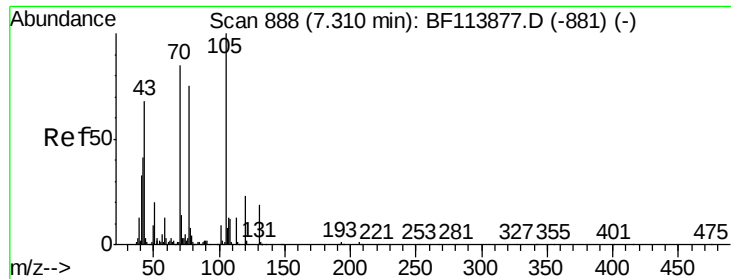
#18
Hexachloroethane
Concen: 2.612 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:117 Resp: 8030
Ion Ratio Lower Upper
117 100
119 90.7 74.4 111.6
201 97.6 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

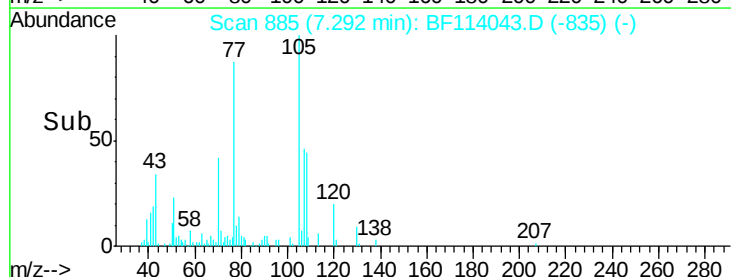
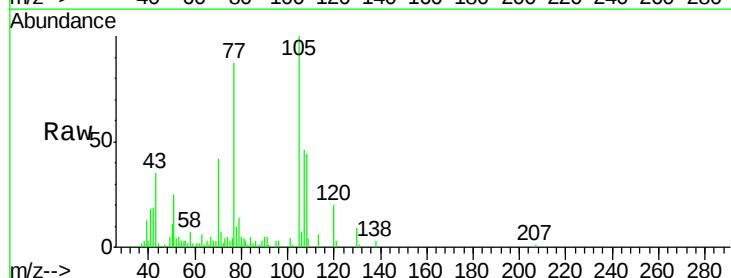
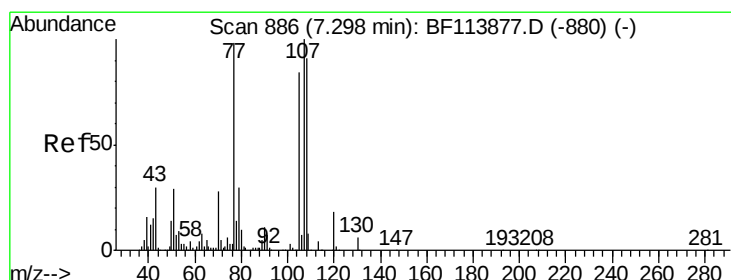
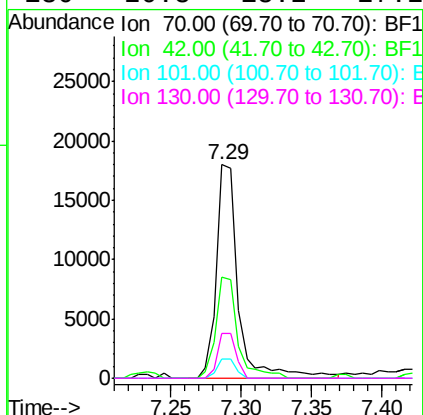




#19
n-Nitroso-di-n-propylamine
Concen: 3.559 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

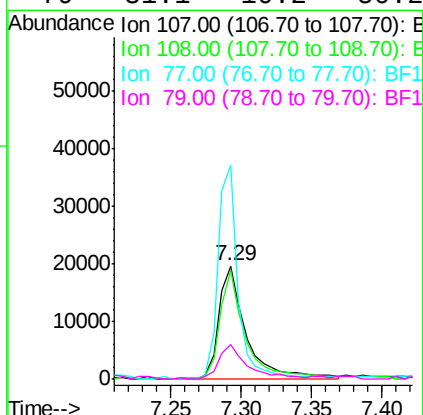
Instrument :
BNA_F
ClientSampleId :

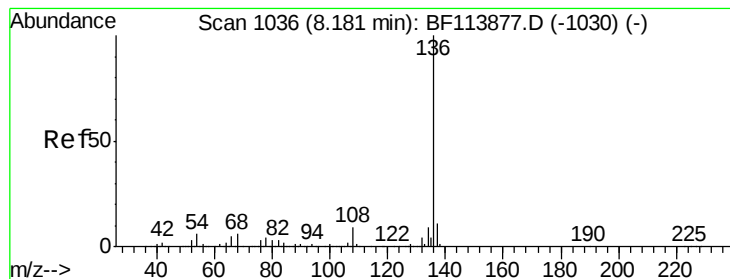
Tot Ion:	70	Resp:	19498
Ion	Ratio	Lower	Upper
70	100		
42	47.3	37.3	55.9
101	9.2	7.8	11.8
130	20.8	18.2	27.2



#20
3+4-Methylphenols
Concen: 3.466 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:	107	Resp:	26424
Ion	Ratio	Lower	Upper
107	100		
108	96.1	70.1	110.1
77	189.6	52.9	92.9#
79	31.1	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 433623

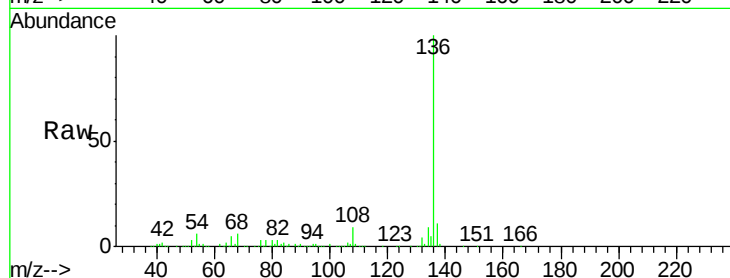
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 5.7 5.0 7.6

68 5.9 4.9 7.3

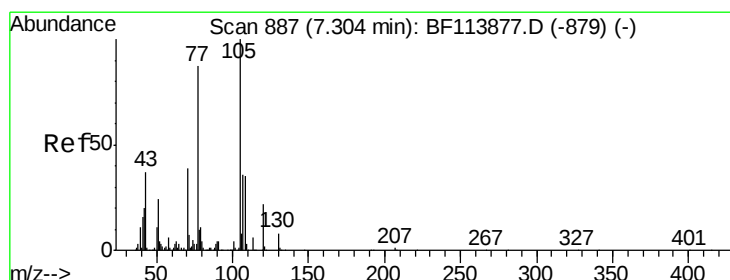
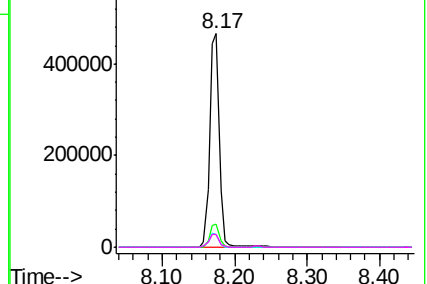
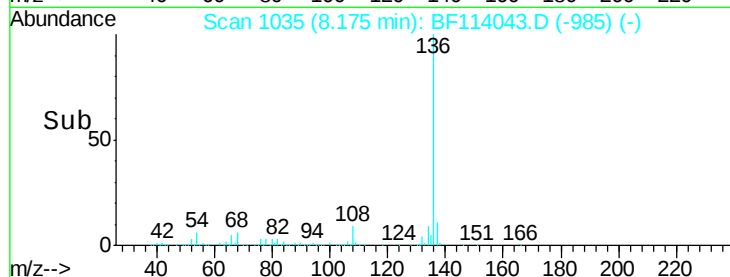


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.976 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:105 Resp: 38362

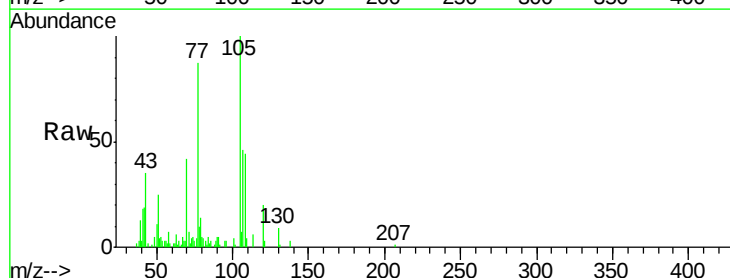
Ion Ratio Lower Upper

105 100

71 7.5 6.1 9.1

51 25.1 16.8 25.2

120 20.4 17.6 26.4

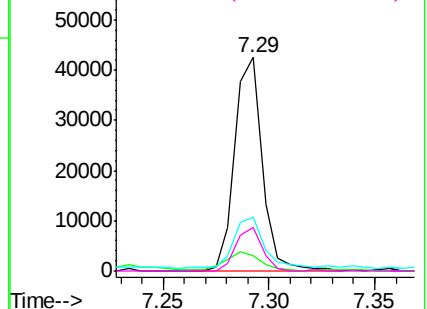
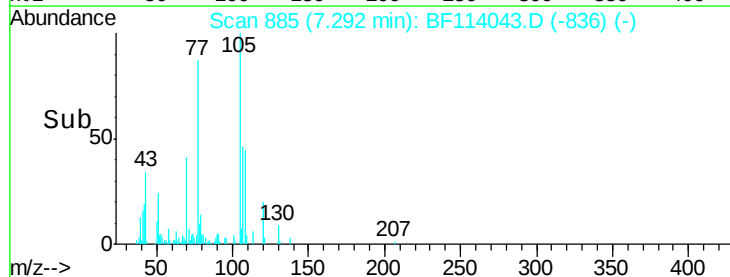


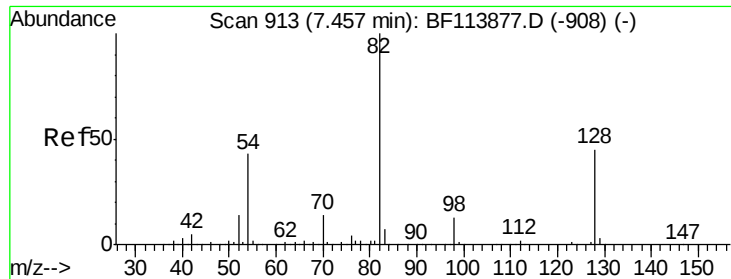
Abundance Ion 105.00 (104.70 to 105.70): E

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

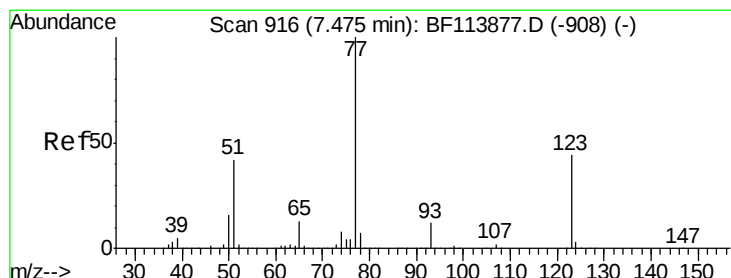
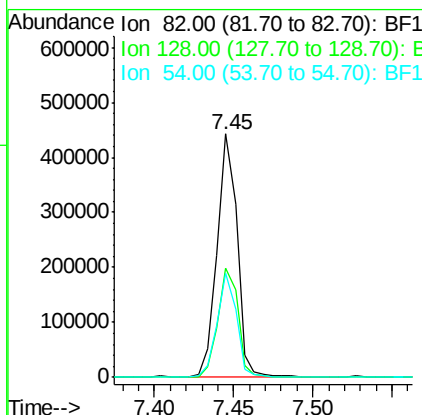
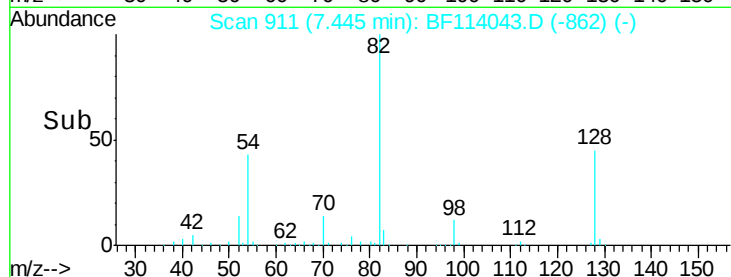
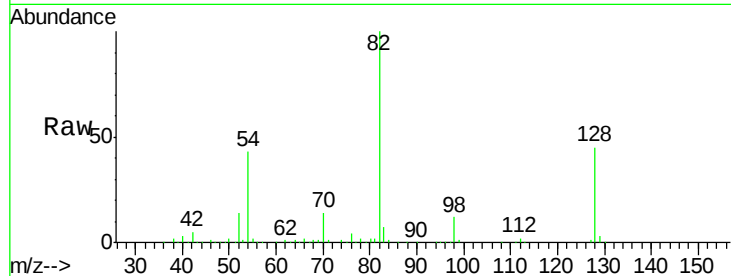




#23
 Nitrobenzene-d5
 Concen: 55.301 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

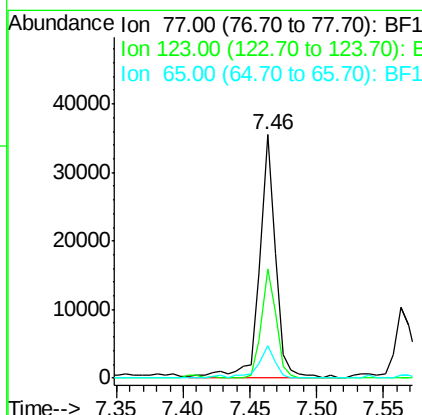
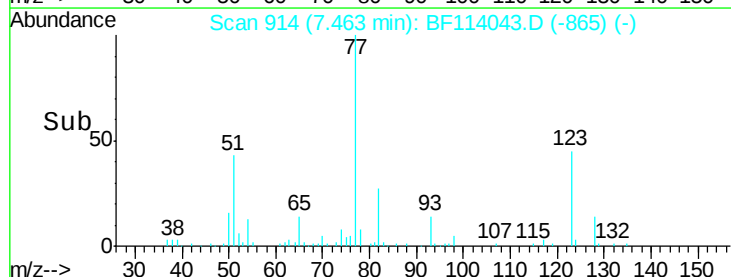
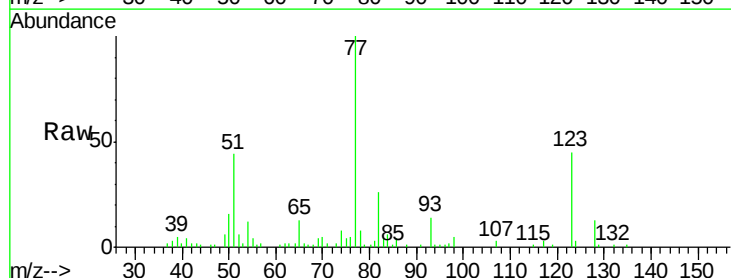
Instrument :
 BNA_F
 ClientSampleId :

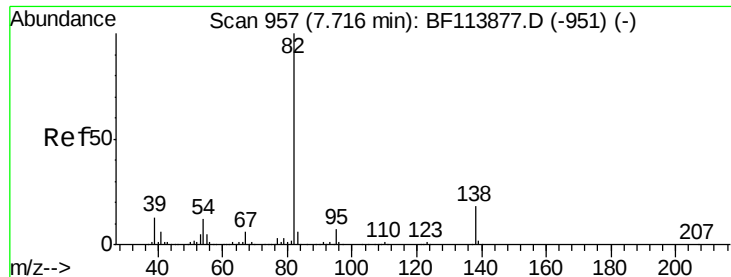
Tot Ion: 82 Resp: 388374
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.8 55.2
 54 42.6 33.8 50.6



#24
 Nitrobenzene
 Concen: 3.794 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion: 77 Resp: 29441
 Ion Ratio Lower Upper
 77 100
 123 44.8 36.3 54.5
 65 13.4 10.3 15.5





#25

Isophorone

Concen: 3.431 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

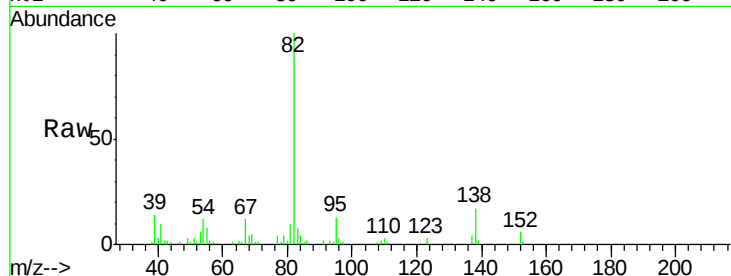
Tot Ion: 82 Resp: 49301

Ion Ratio Lower Upper

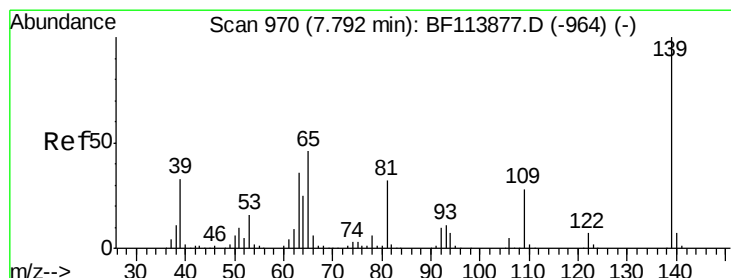
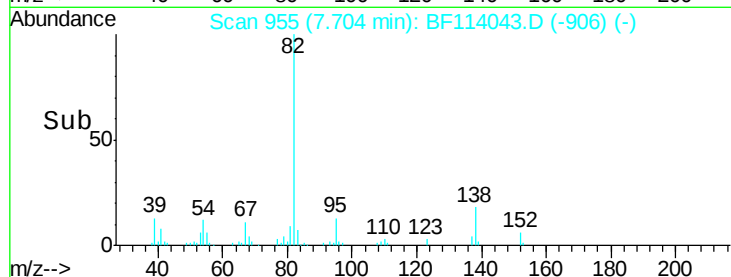
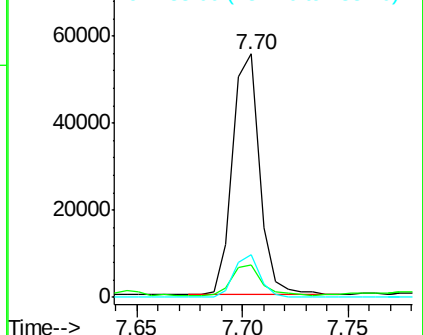
82 100

95 13.4 5.4 8.2#

138 17.3 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: 2.892 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

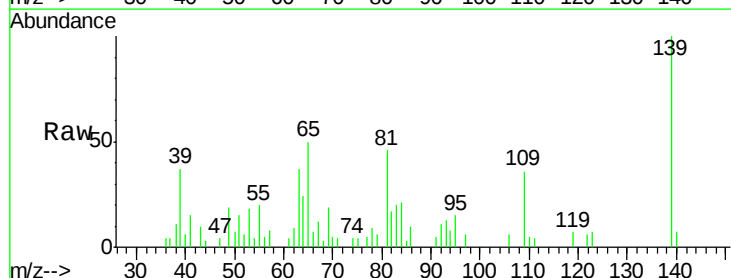
Tgt Ion: 139 Resp: 10239

Ion Ratio Lower Upper

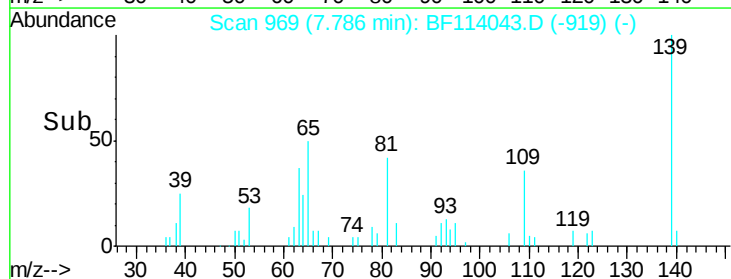
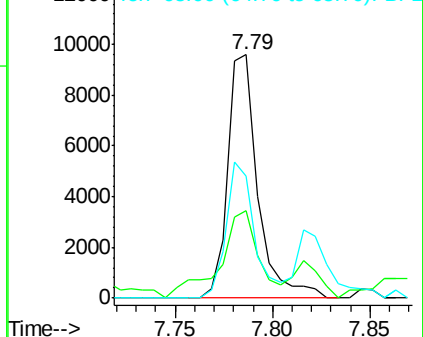
139 100

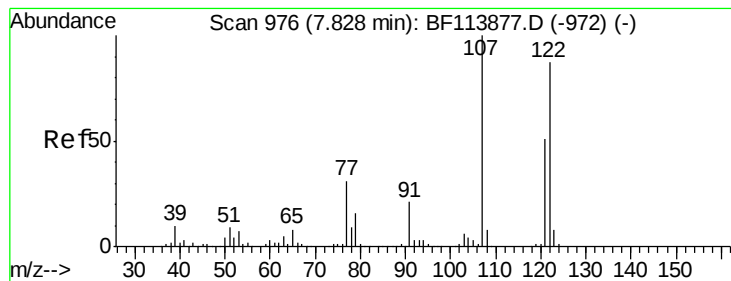
109 35.8 20.6 31.0#

65 50.2 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: 3.732 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

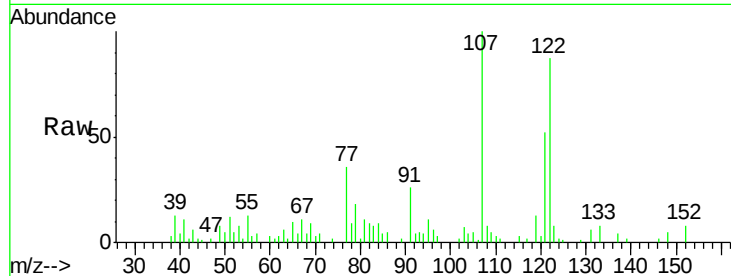
Tot Ion:122 Resp: 21524

Ion Ratio Lower Upper

122 100

107 115.3 91.2 136.8

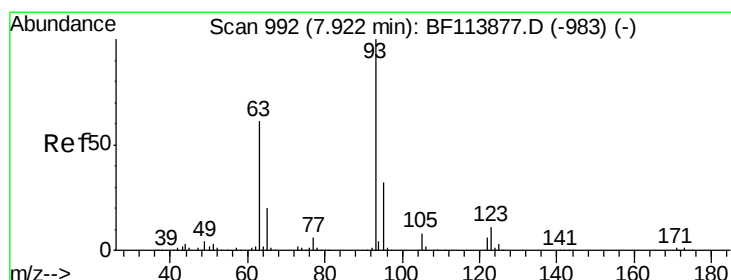
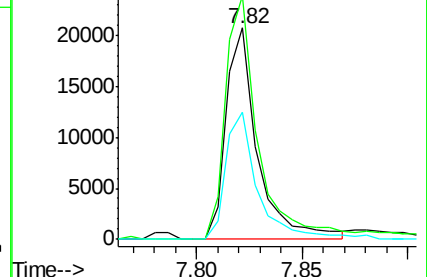
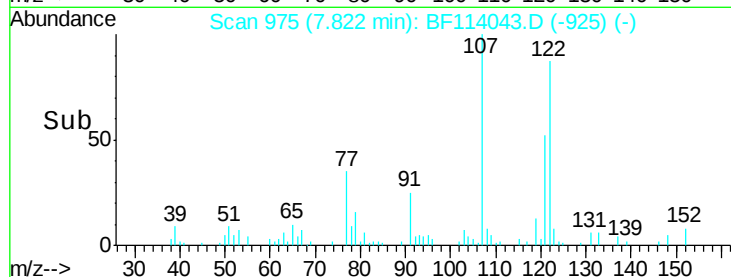
121 59.9 46.4 69.6



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: 3.358 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

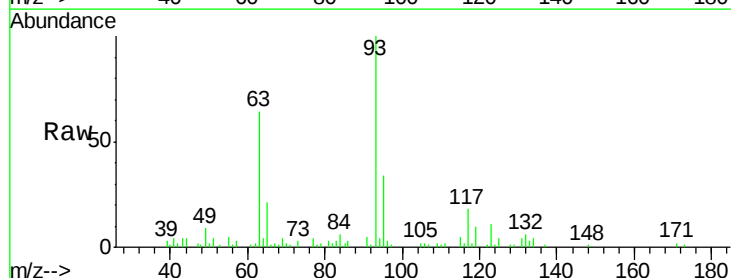
Tgt Ion: 93 Resp: 30751

Ion Ratio Lower Upper

93 100

95 34.0 25.8 38.6

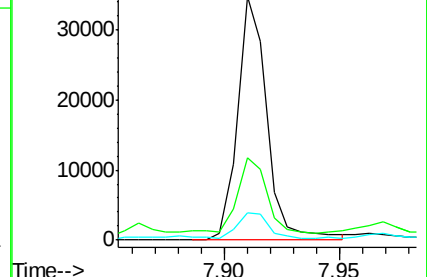
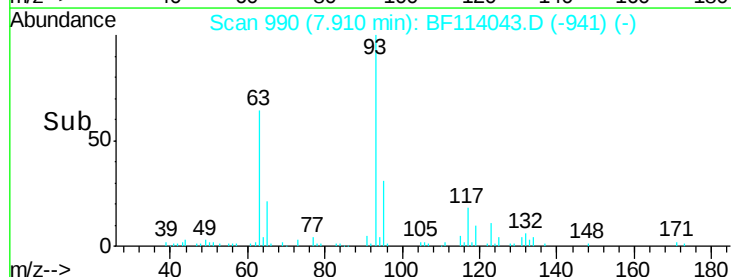
123 11.0 9.0 13.6

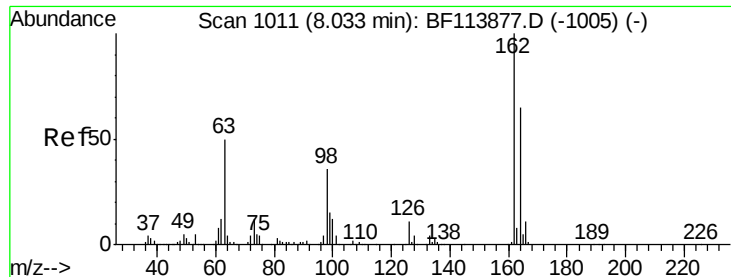


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

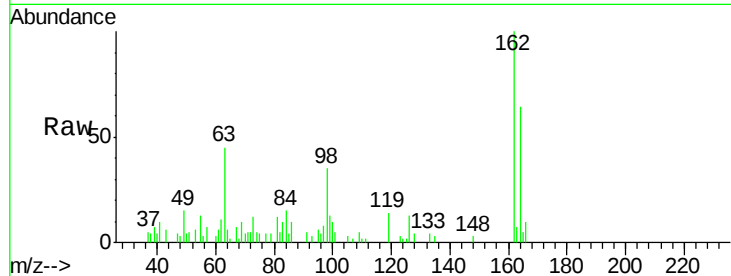




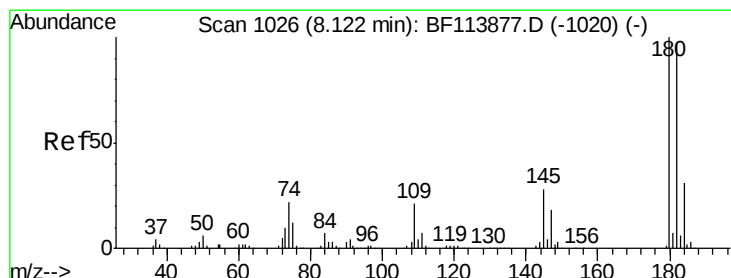
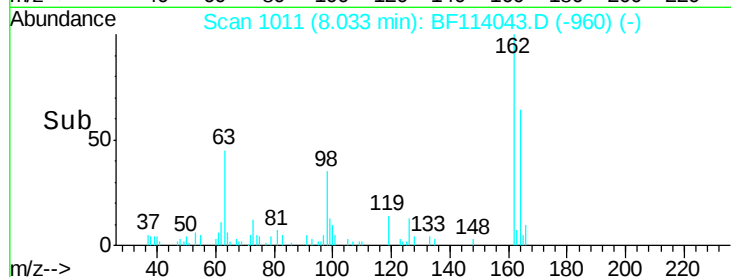
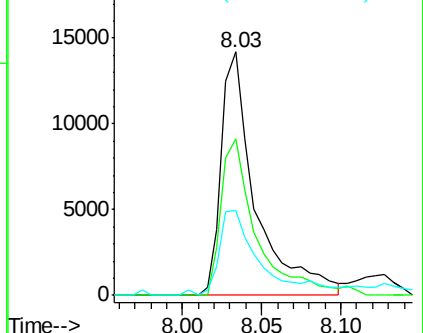
#29
2,4-Dichlorophenol
Concen: 3.265 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.7	83.7
98	35.0	15.5	55.5

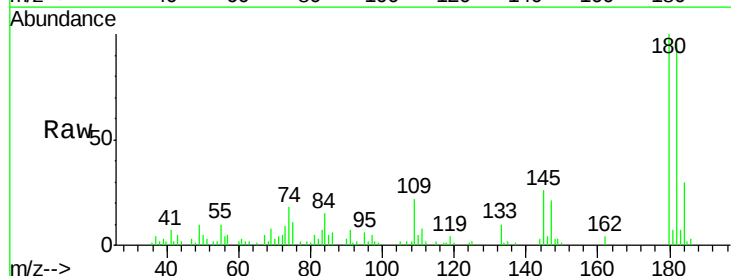


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

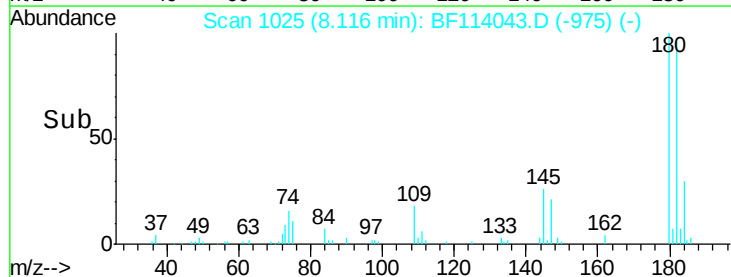
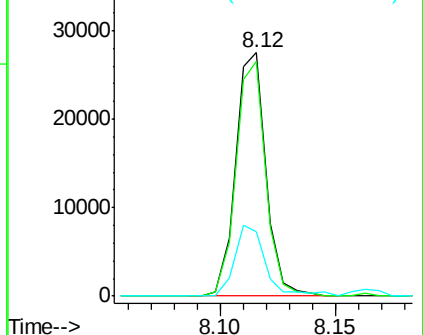


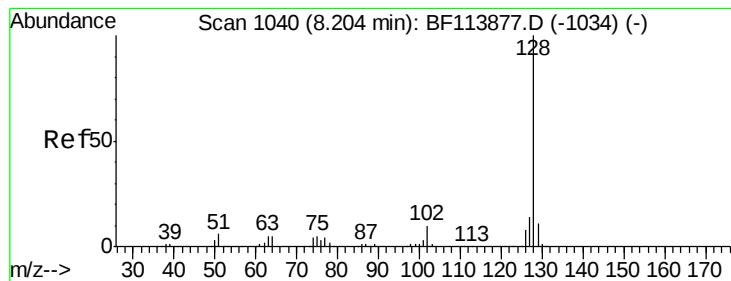
#30
1,2,4-Trichlorobenzene
Concen: 3.408 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.4	113.0
145	26.4	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: 3.946 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

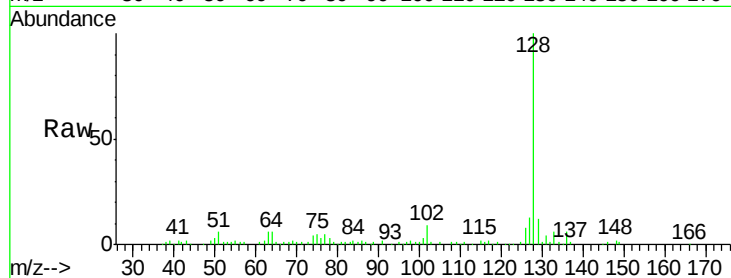
Tot Ion:128 Resp: 81294

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

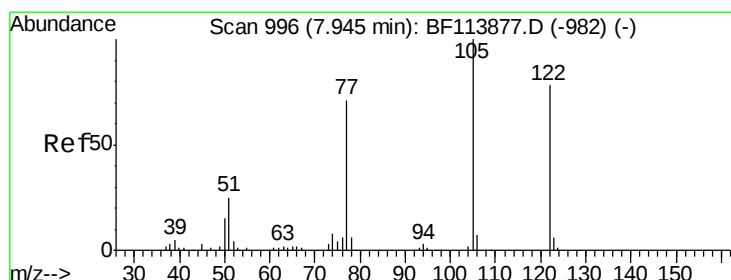
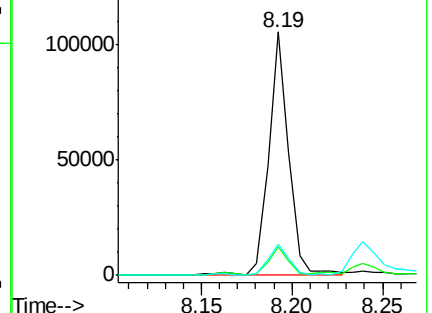
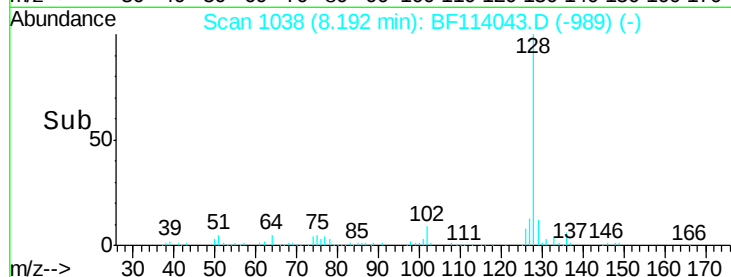
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.526 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.12 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

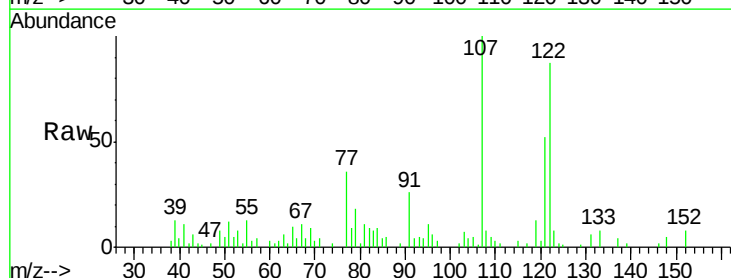
Tgt Ion:122 Resp: 21524

Ion Ratio Lower Upper

122 100

105 6.1 104.3 144.3#

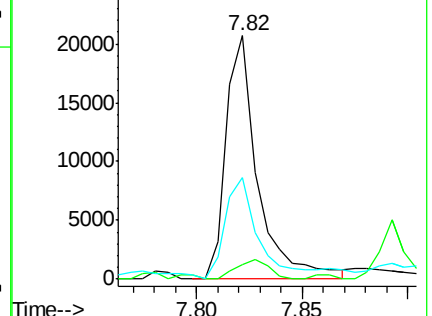
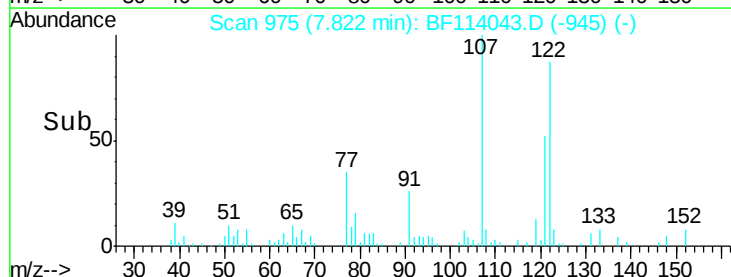
77 41.9 70.4 110.4#

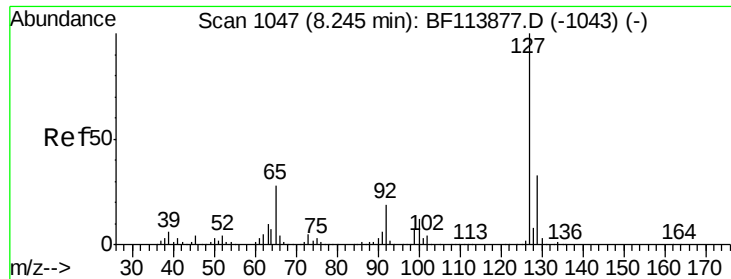


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

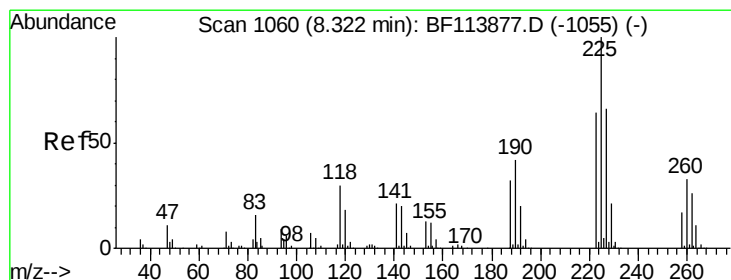
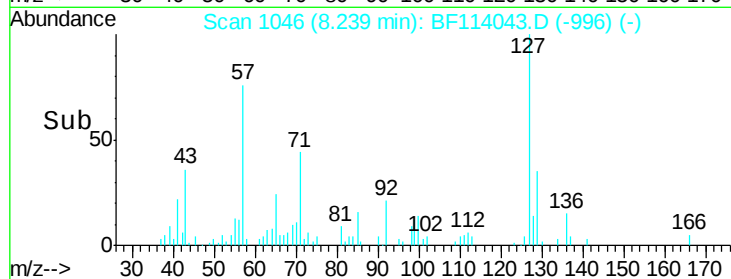
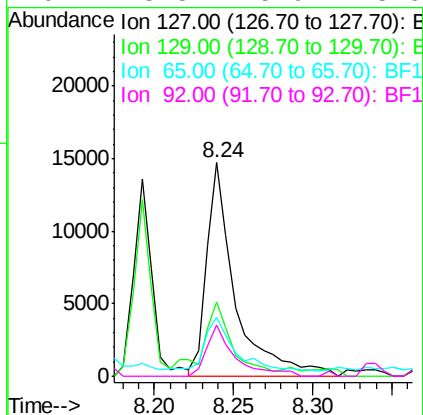
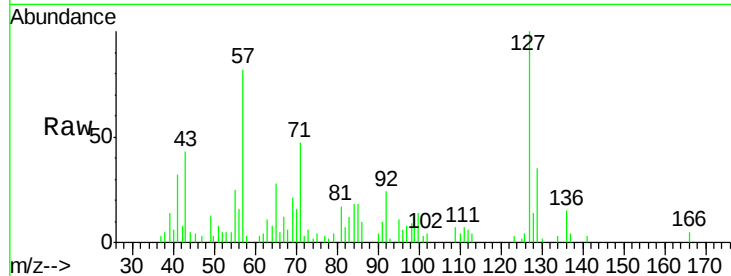




#33
4-Chloroaniline
Concen: 2.133 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

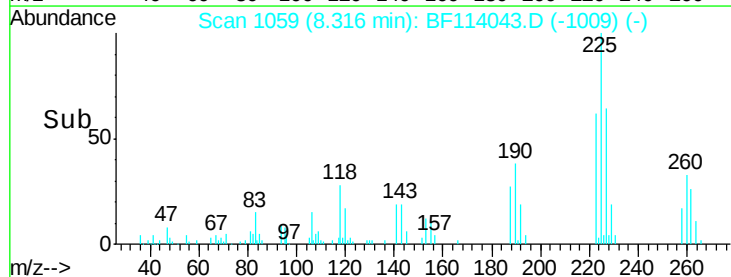
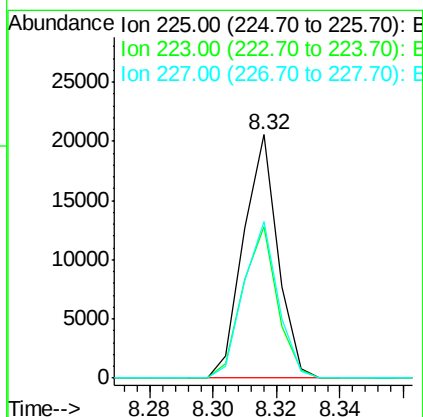
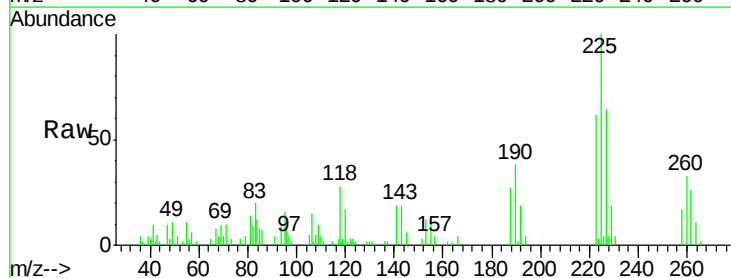
Instrument :
BNA_F
ClientSampleId :

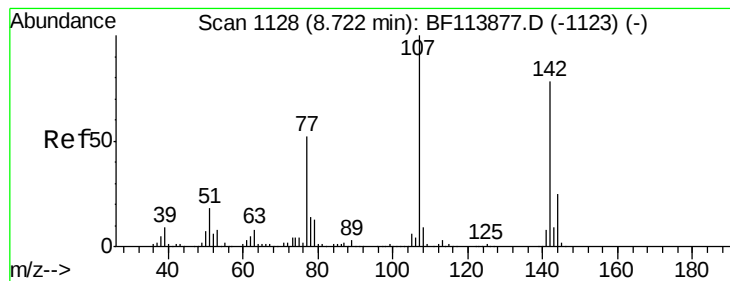
Tot Ion:127	Resp:	18592
Ion	Ratio	Lower Upper
127	100	
129	35.0	26.4 39.6
65	27.6	24.9 37.3
92	23.8	15.9 23.9



#34
Hexachlorobutadiene
Concen: 3.354 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:225	Resp:	15379
Ion	Ratio	Lower Upper
225	100	
223	64.6	51.1 76.7
227	64.1	49.9 74.9





#36

4-Chloro-3-methylphenol

Concen: 3.683 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

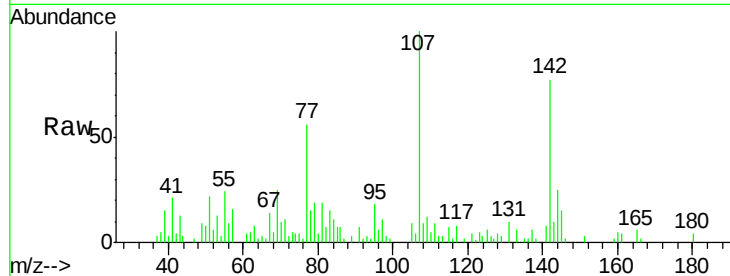
Tot Ion:107 Resp: 24068

Ion Ratio Lower Upper

107 100

144 24.5 20.5 30.7

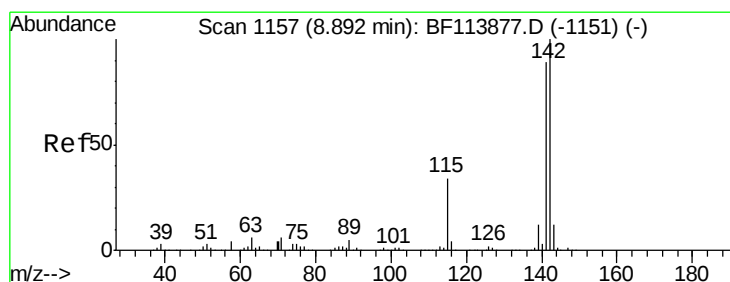
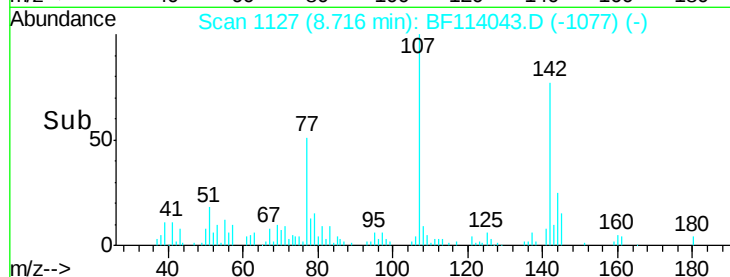
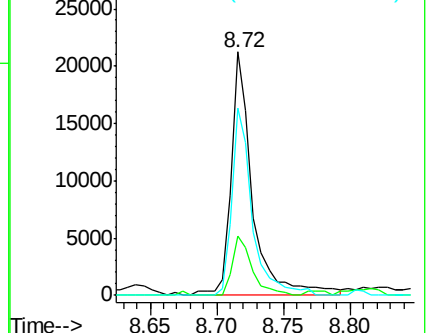
142 77.1 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 4.061 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

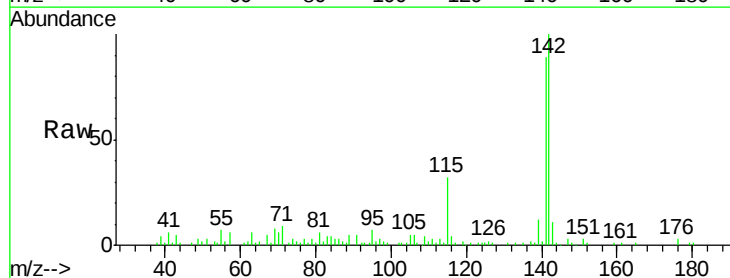
Tgt Ion:142 Resp: 56411

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

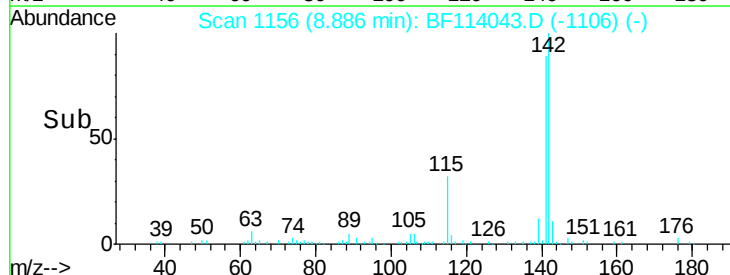
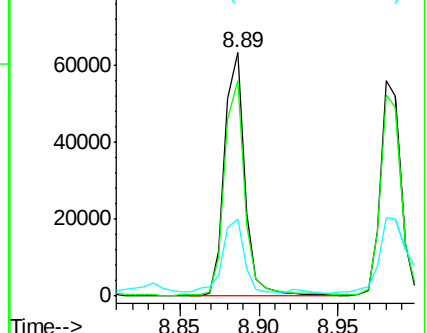
115 31.8 26.3 39.5

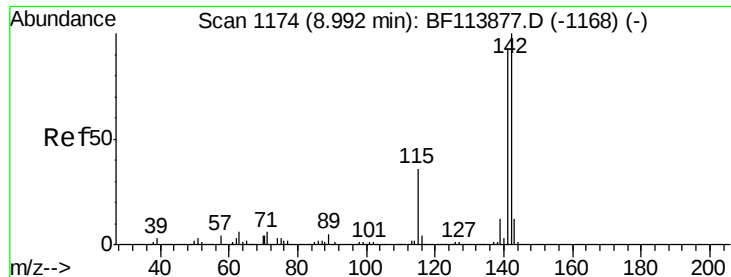


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

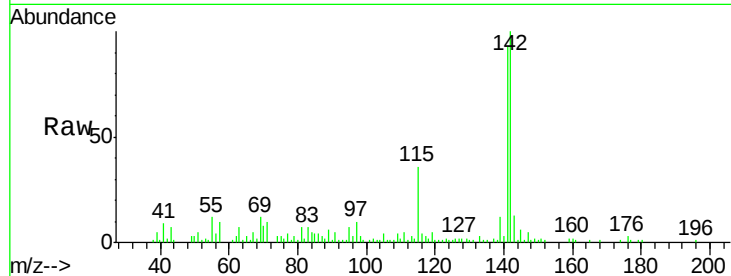




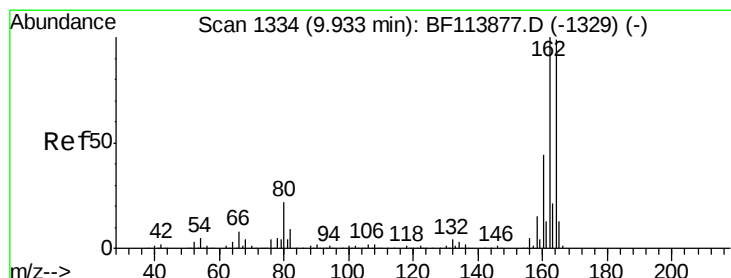
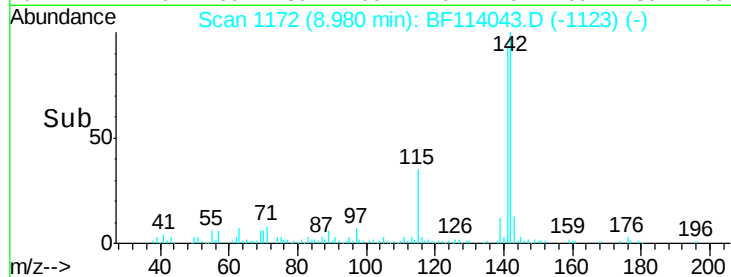
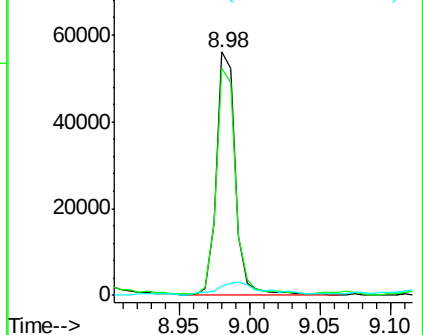
#38
1-Methylnaphthalene
Concen: 3.919 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 52538
Ion Ratio Lower Upper
142 100
141 93.4 72.3 108.5
116 4.0 3.0 4.4

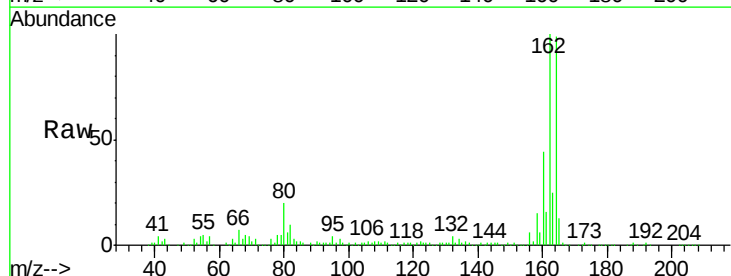


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

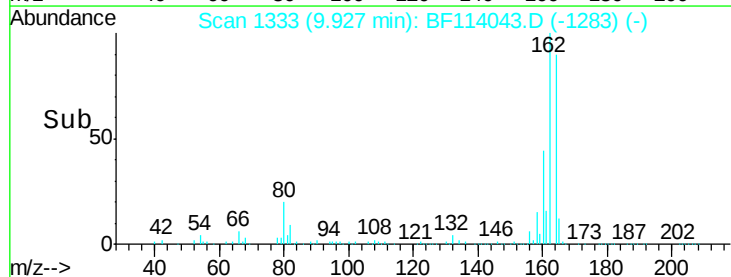
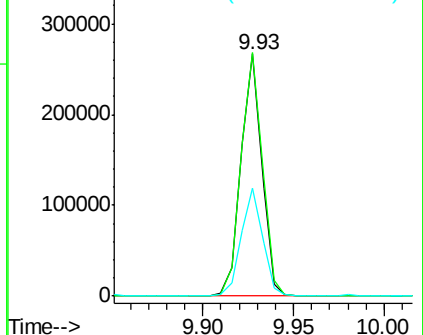


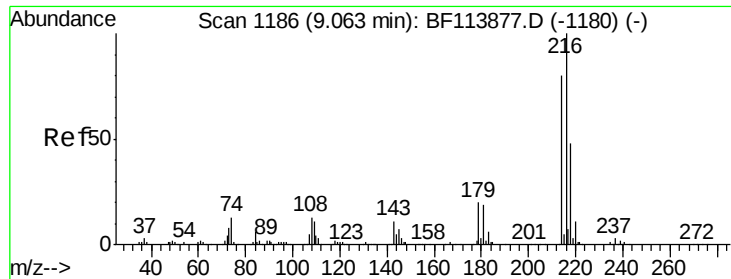
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:164 Resp: 212450
Ion Ratio Lower Upper
164 100
162 100.7 81.1 121.7
160 44.5 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: 3.756 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 25919

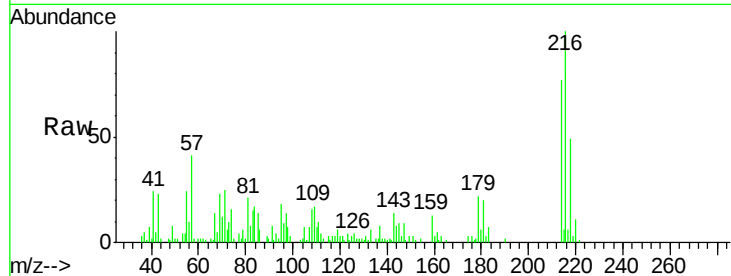
Ion Ratio Lower Upper

216 100

214 77.5 63.5 95.3

179 23.3 16.1 24.1

108 19.5 13.4 20.0

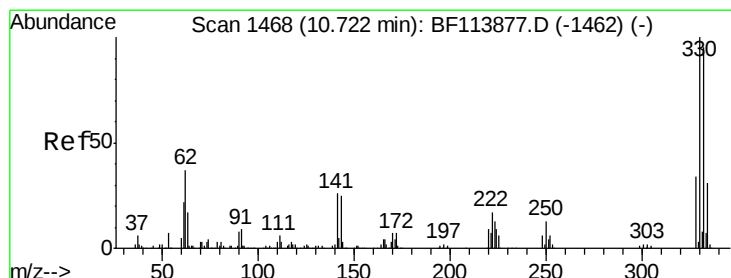
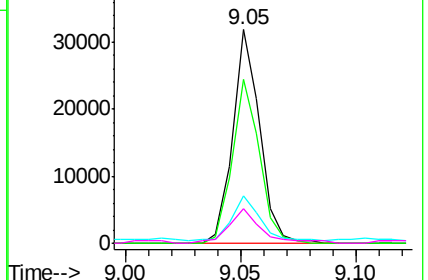
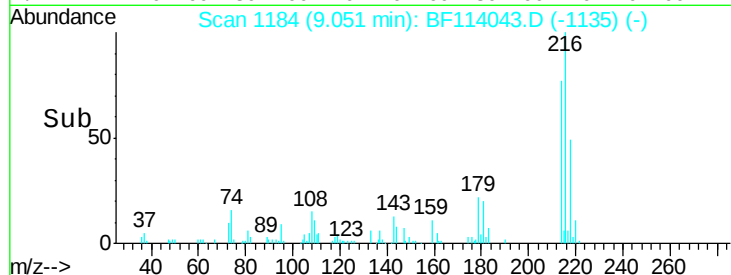


Abundance Ion 216.00 (215.70 to 216.70): E

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



#42

2,4,6-Tribromophenol

Concen: 75.277 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

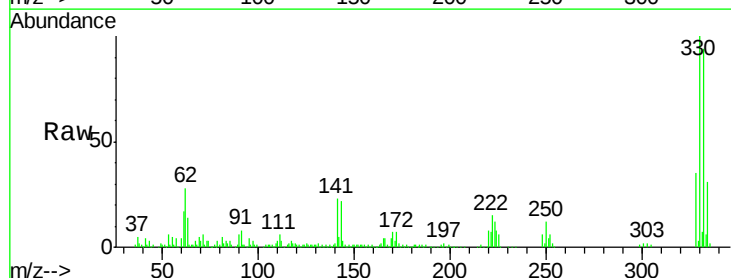
Tgt Ion:330 Resp: 194822

Ion Ratio Lower Upper

330 100

332 94.9 77.5 116.3

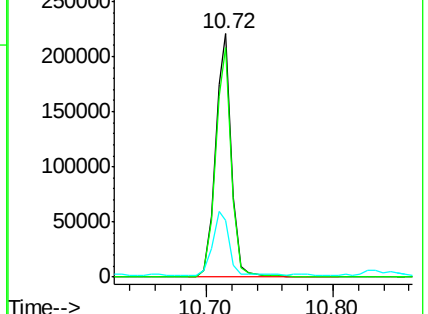
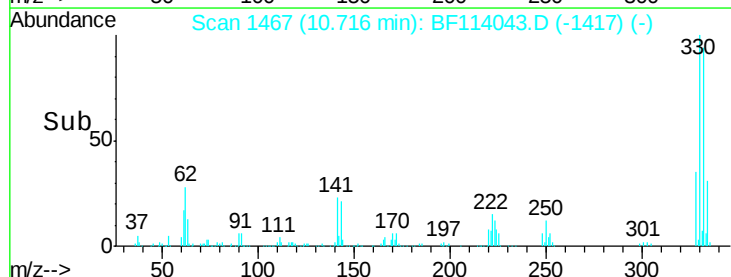
141 27.2 22.2 33.2

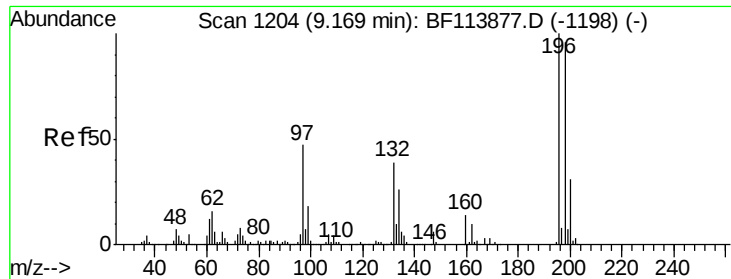


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

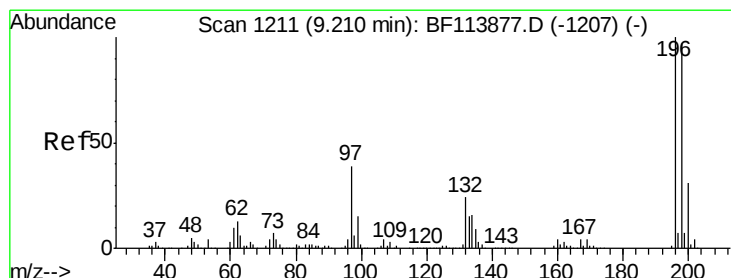
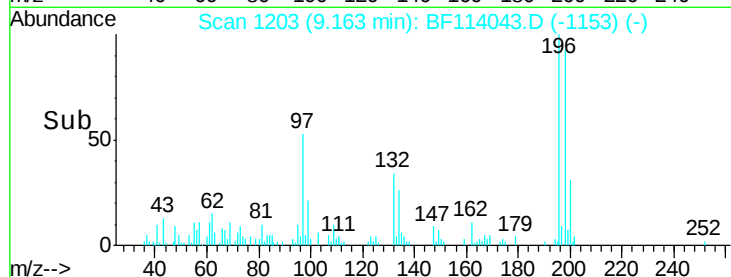
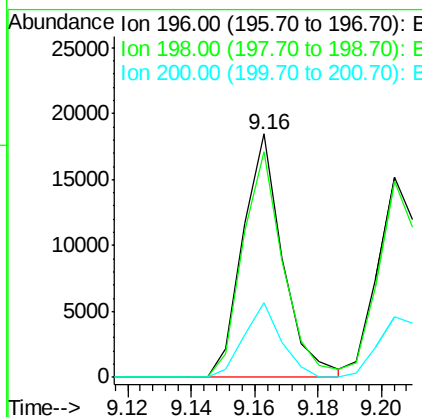
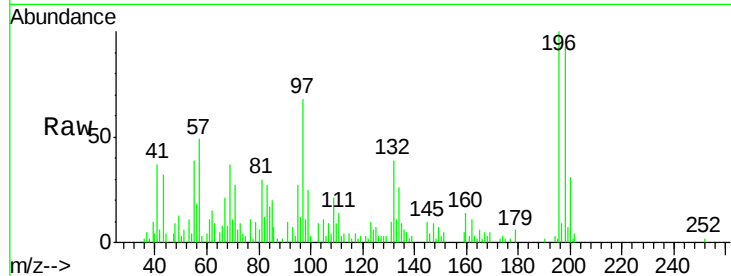




#43
 2,4,6-Trichlorophenol
 Concen: 3.691 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

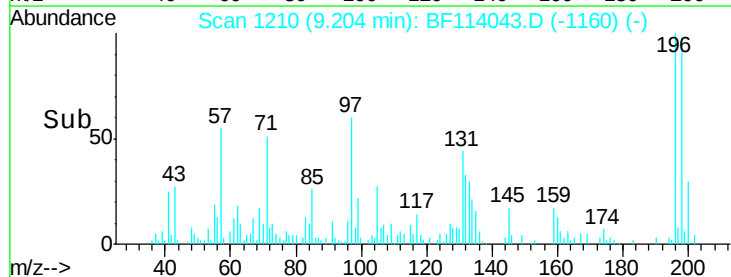
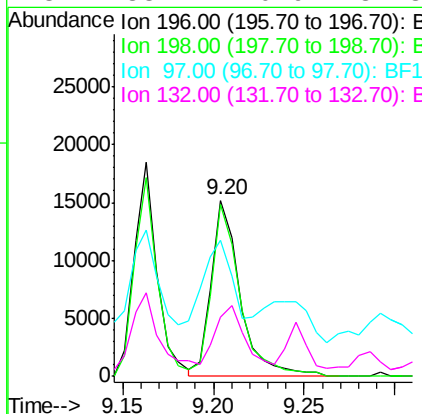
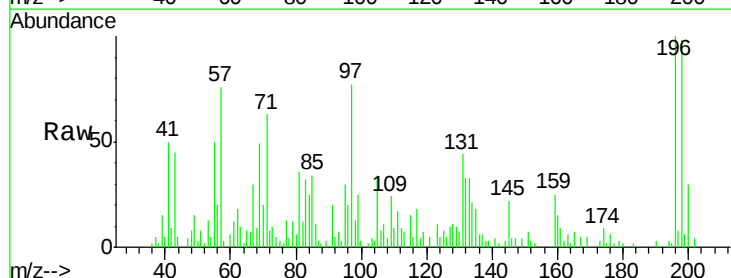
Instrument :
 BNA_F
 ClientSampleId :

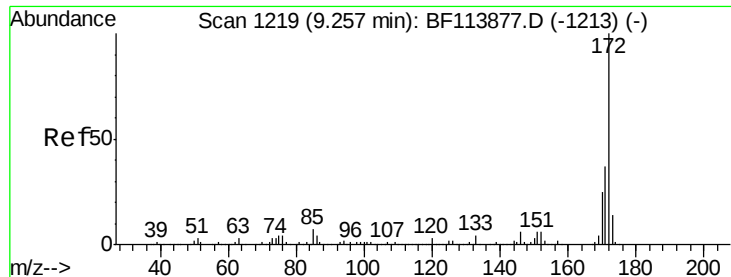
Tot Ion:196 Resp: 16174
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.6 113.4
 200 30.7 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 3.434 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion:196 Resp: 16880
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.2 114.4
 97 76.9 35.8 53.8#
 132 33.4 20.9 31.3#

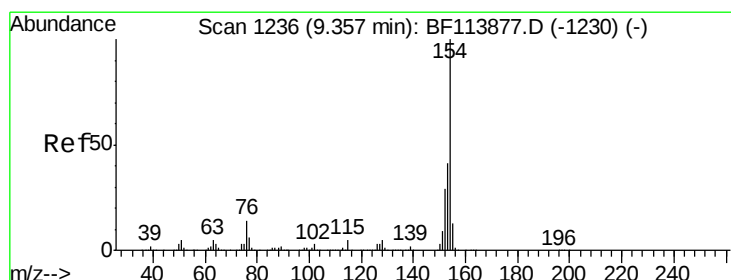
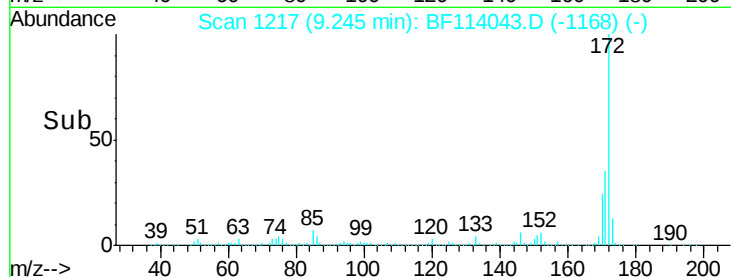
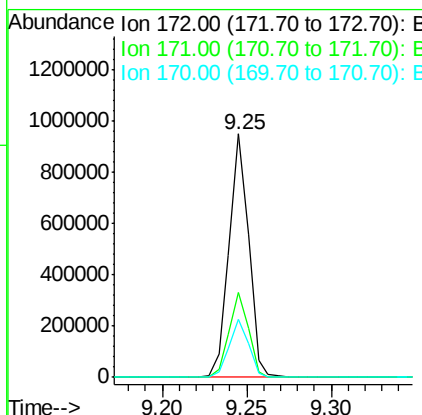
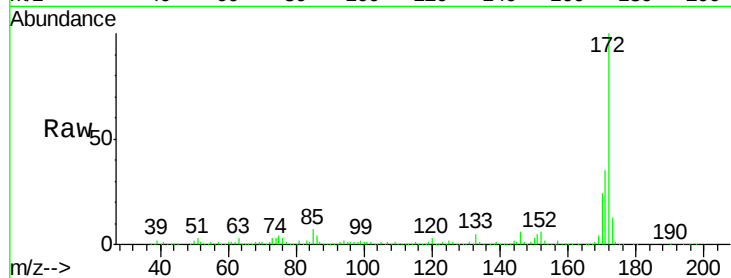




#45
 2-Fluorobiphenyl
 Concen: 56.545 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

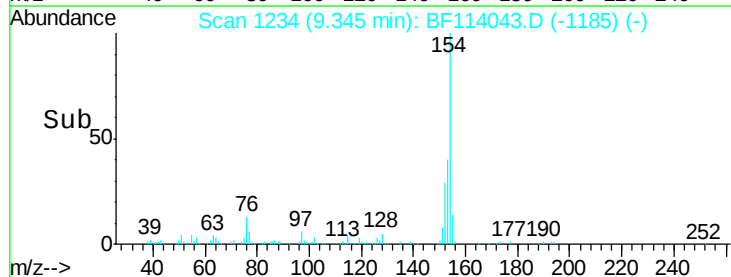
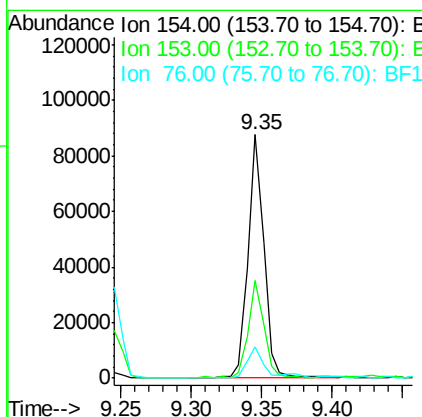
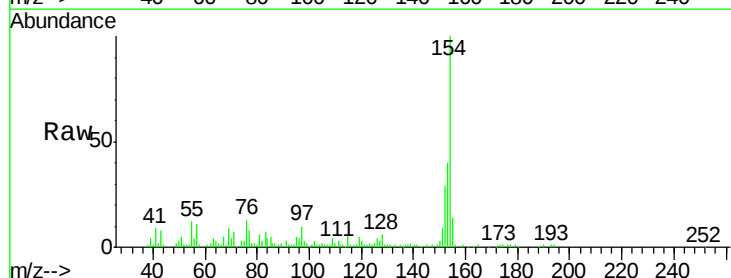
Instrument :
 BNA_F
 ClientSampleId :

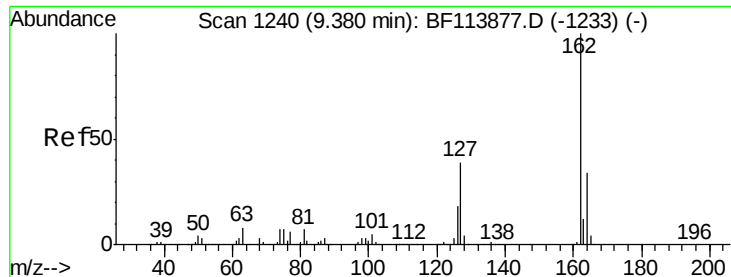
Tot Ion:172 Resp: 768080
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.0
 170 23.8 19.9 29.9



#46
 1,1'-Biphenyl
 Concen: 4.264 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion:154 Resp: 69197
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.8 60.8
 76 12.7 0.0 35.2

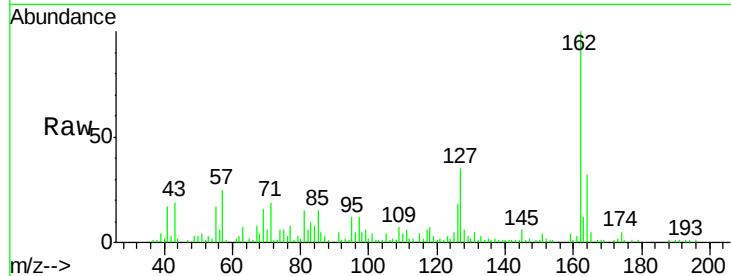




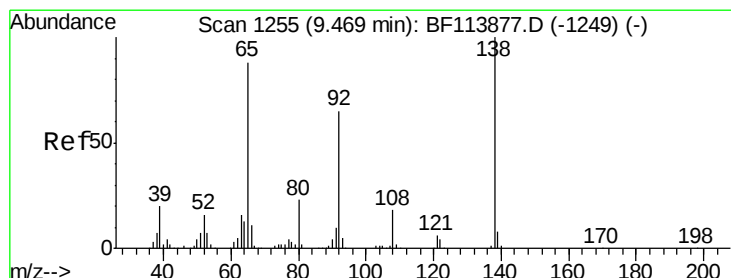
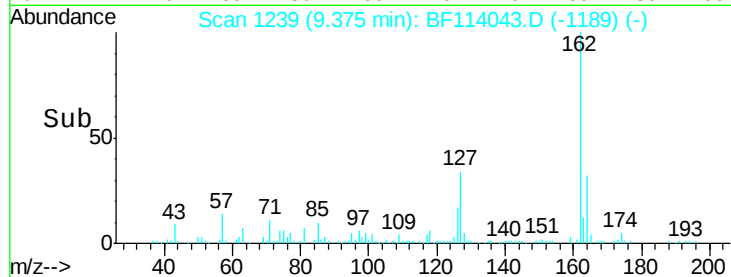
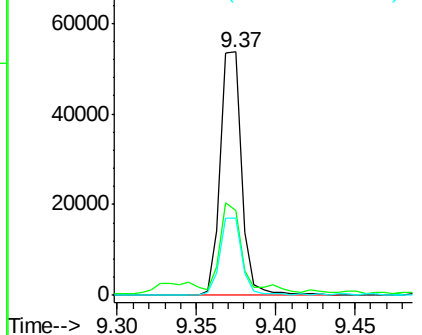
#47
 2-Chloronaphthalene
 Concen: 3.822 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.0	29.3	43.9
164	32.0	27.1	40.7

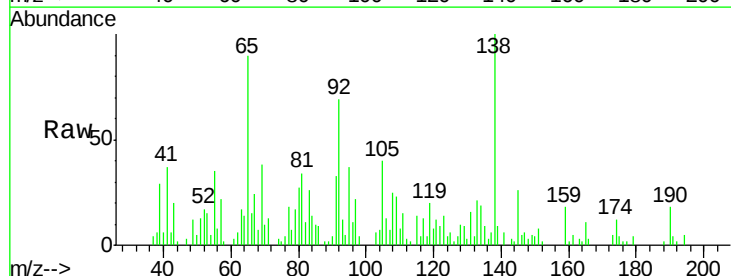


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

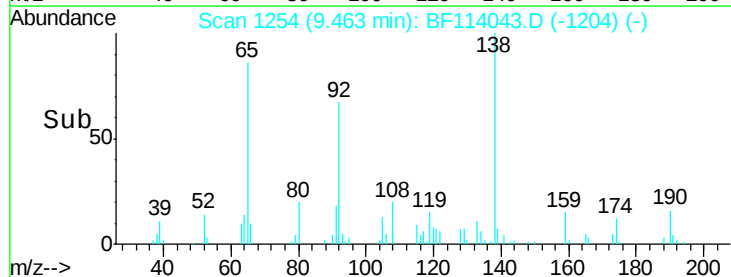
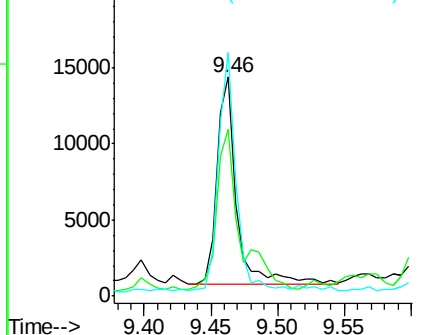


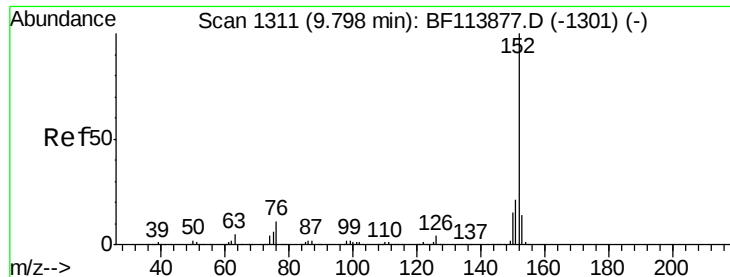
#48
 2-Nitroaniline
 Concen: 4.181 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.5	57.4	86.0
138	111.3	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: 4.055 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

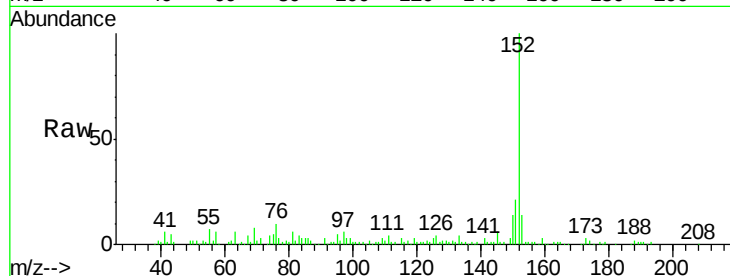
Tot Ion:152 Resp: 83789

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.4

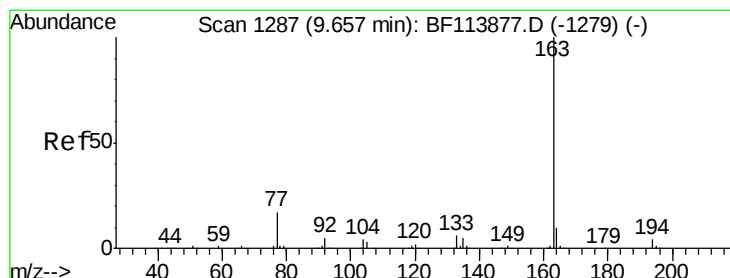
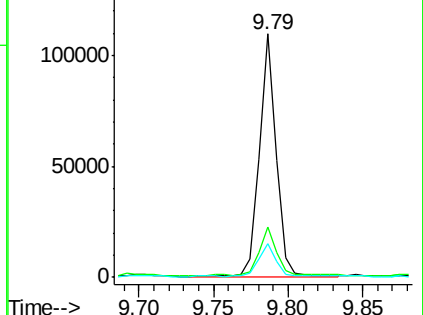
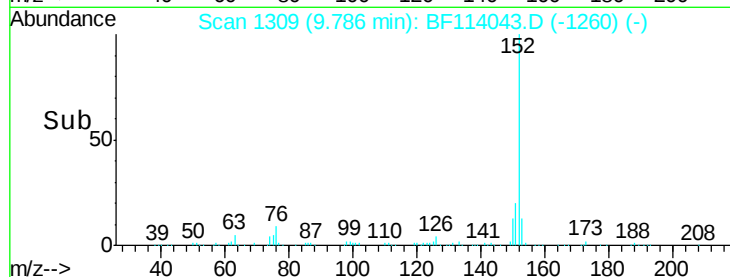
153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 12.943 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

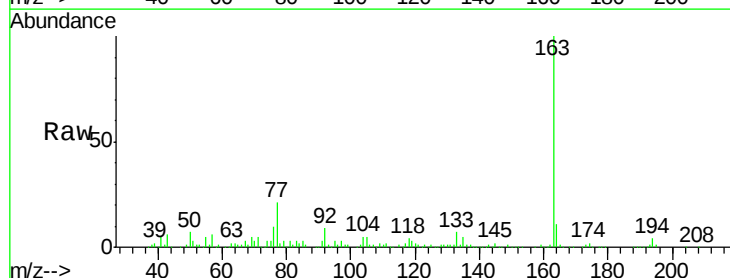
Tgt Ion:163 Resp: 198866

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

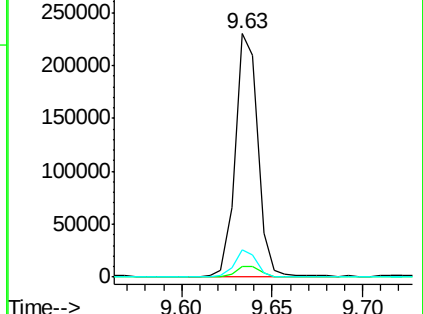
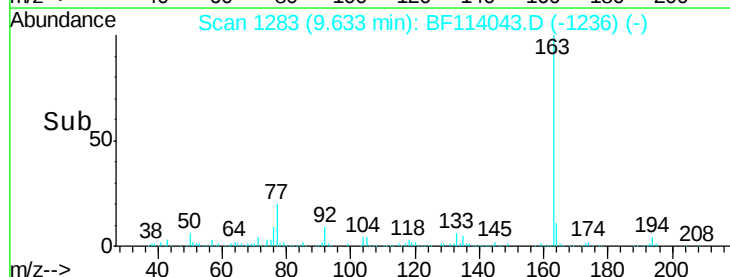
164 11.0 8.5 12.7

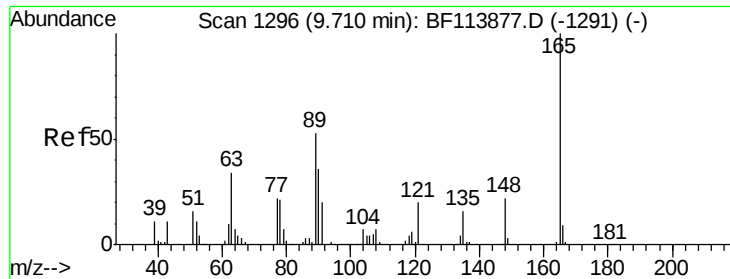


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 3.112 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

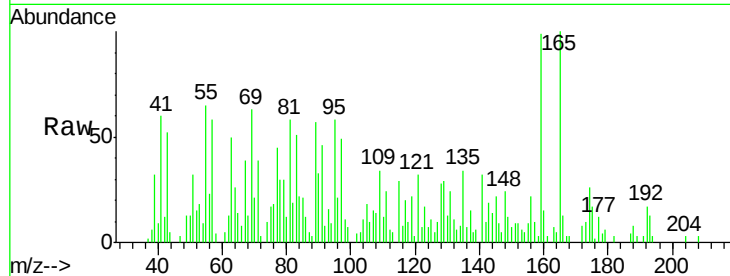
Tot Ion:165 Resp: 10258

Ion Ratio Lower Upper

165 100

63 49.9 33.8 50.8

89 56.9 38.2 57.2

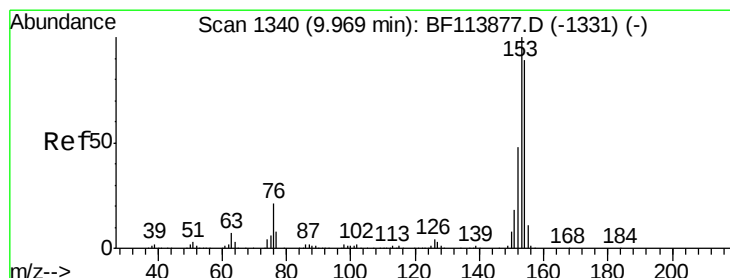
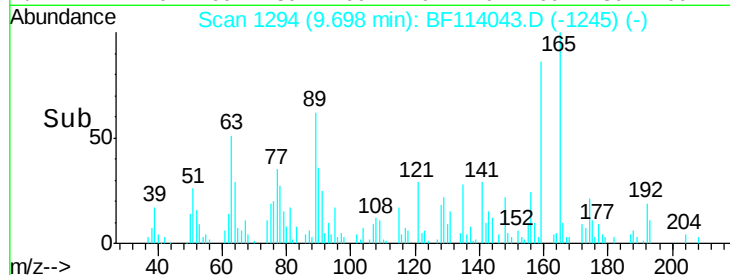


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#52

Acenaphthene

Concen: 3.796 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

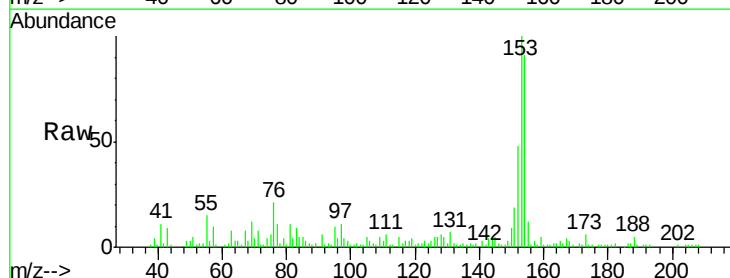
Tgt Ion:154 Resp: 46356

Ion Ratio Lower Upper

154 100

153 110.2 87.2 130.8

152 53.3 42.3 63.5

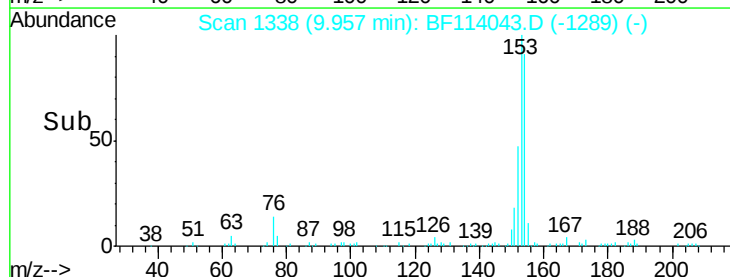


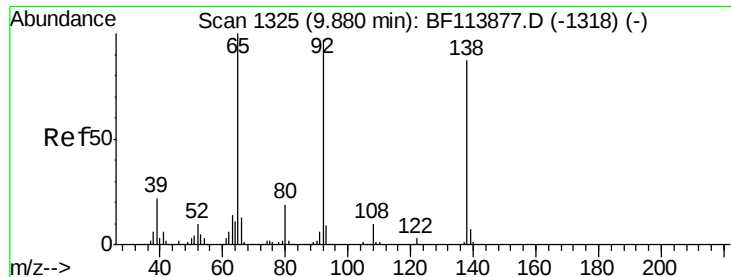
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

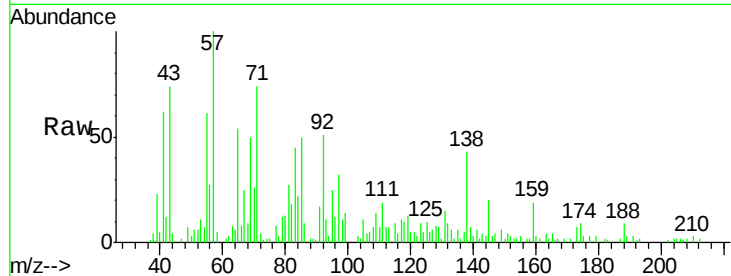




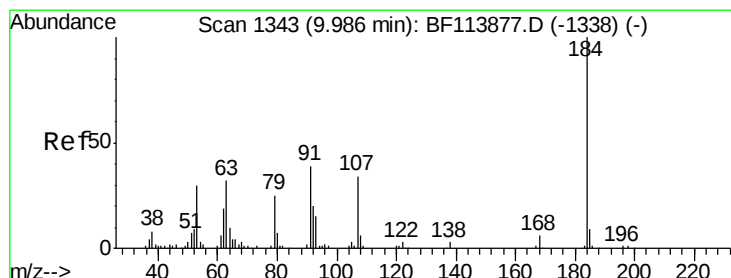
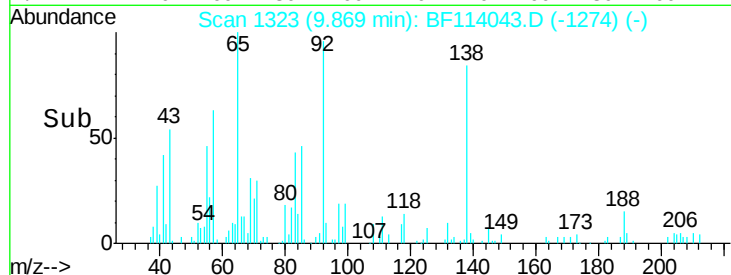
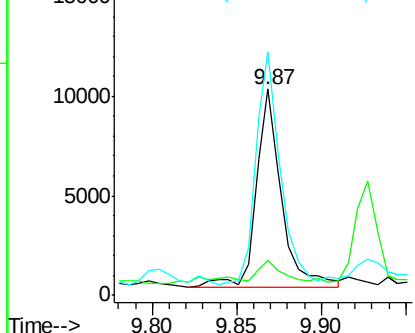
#53
3-Nitroaniline
Concen: 2.962 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 10259
Ion Ratio Lower Upper
138 100
108 17.0 9.4 14.2#
92 118.0 94.1 141.1

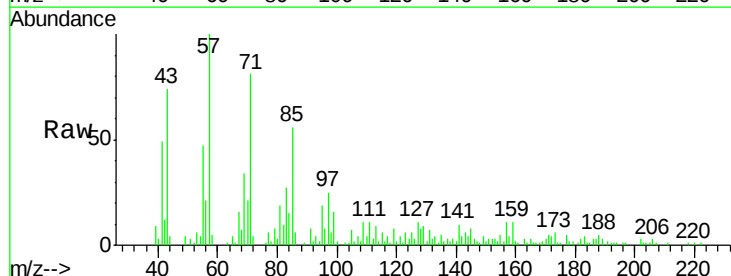


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

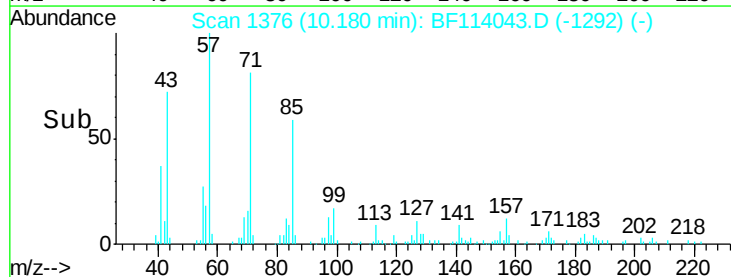
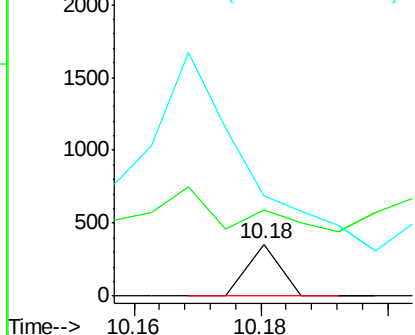


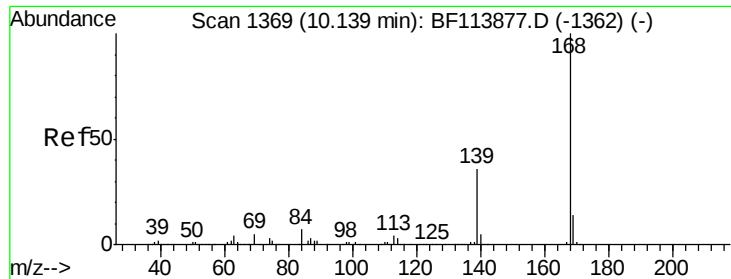
#54
2,4-Dinitrophenol
Concen: 8.398 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.19 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:184 Resp: 126
Ion Ratio Lower Upper
184 100
63 165.0 54.6 81.8#
154 193.6 218.6 328.0#



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





#55

Dibenzofuran

Concen: 4.031 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

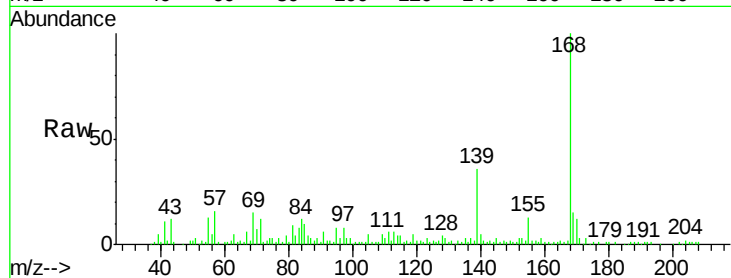
Tot Ion:168 Resp: 73735

Ion Ratio Lower Upper

168 100

139 36.4 27.8 41.6

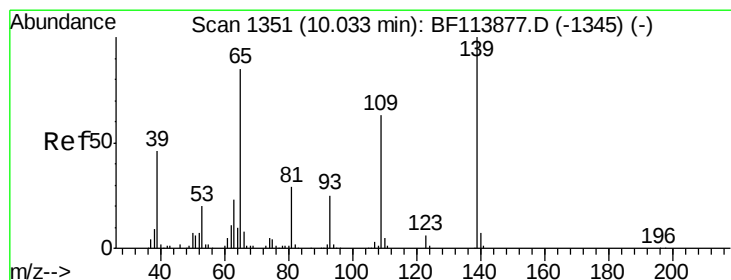
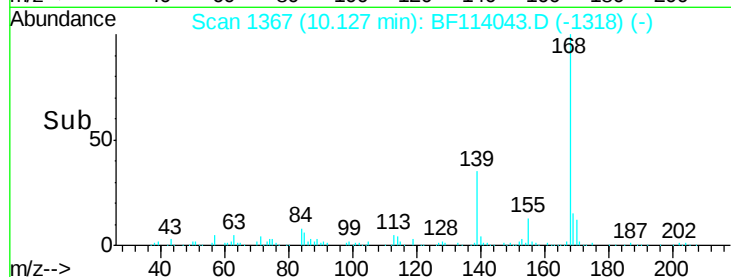
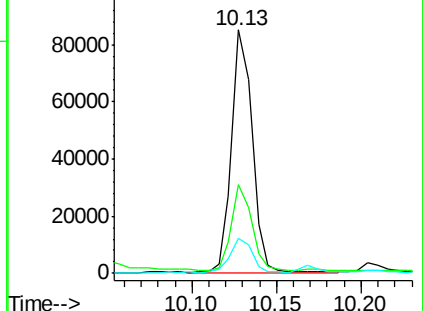
169 14.6 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 5.815 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

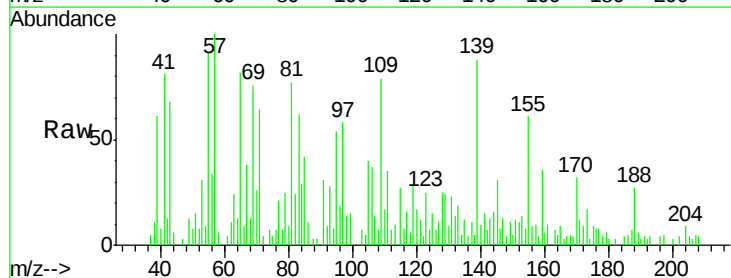
Tgt Ion:139 Resp: 15948

Ion Ratio Lower Upper

139 100

109 89.3 42.9 82.9#

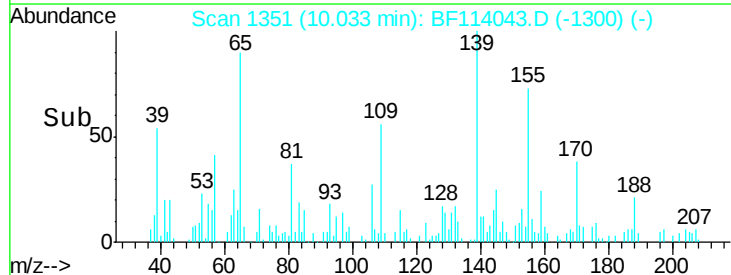
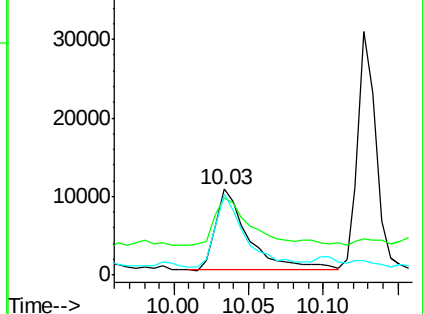
65 93.6 64.4 104.4

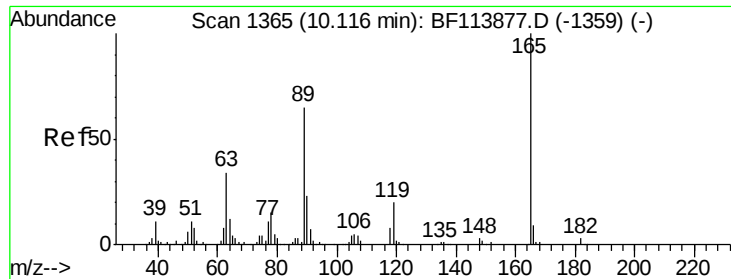


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

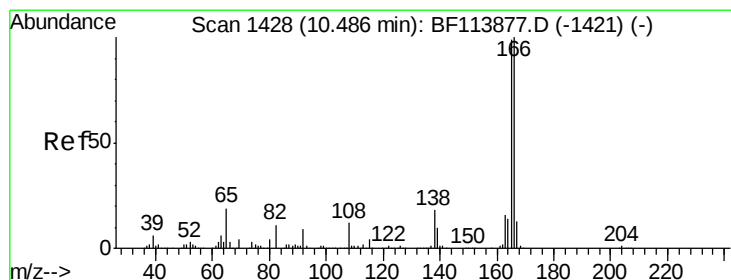
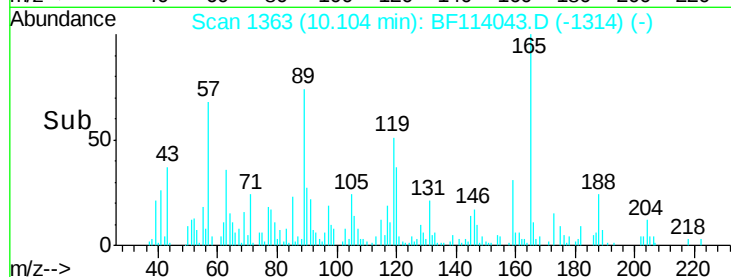
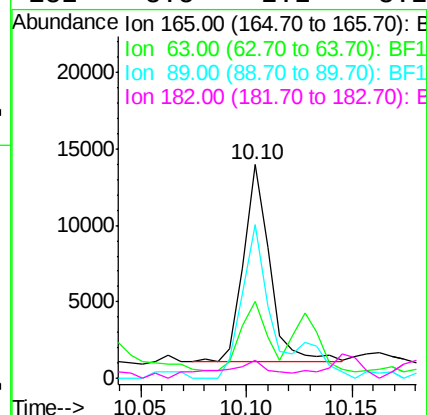
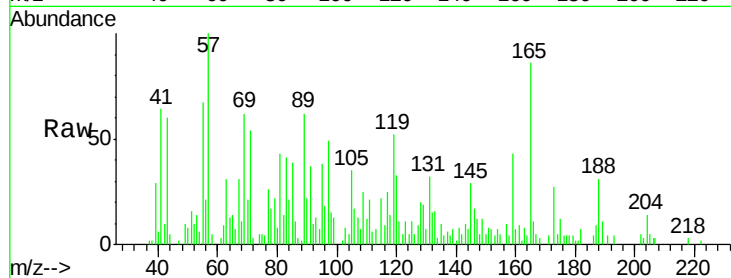




#57
2,4-Dinitrotoluene
Concen: 2.653 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

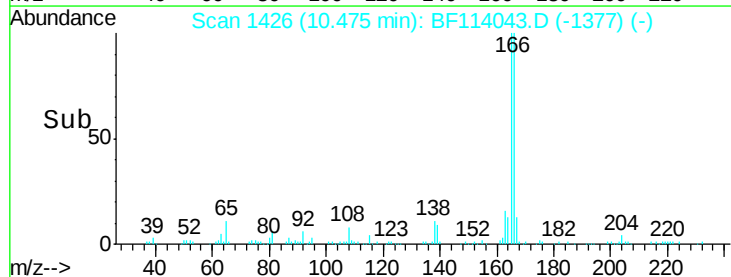
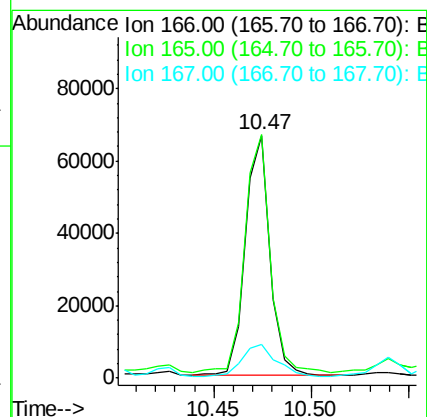
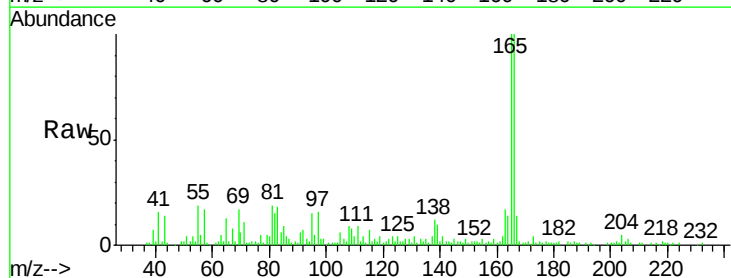
Instrument :
BNA_F
ClientSampleId :

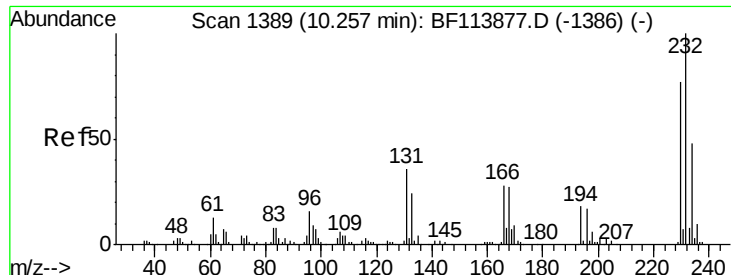
Tot Ion:165 Resp: 11037
Ion Ratio Lower Upper
165 100
63 35.9 27.4 41.0
89 71.9 51.8 77.6
182 8.5 2.2 3.2#



#58
Fluorene
Concen: 4.201 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:166 Resp: 57846
Ion Ratio Lower Upper
166 100
165 100.3 78.4 117.6
167 14.1 10.9 16.3

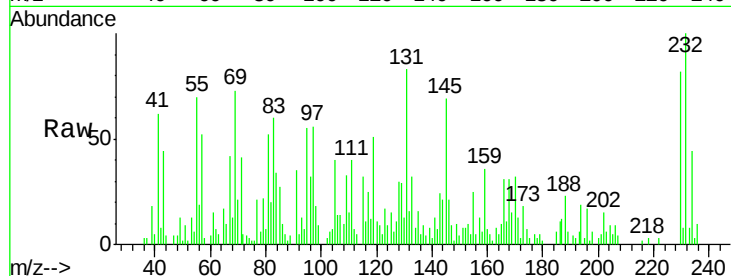




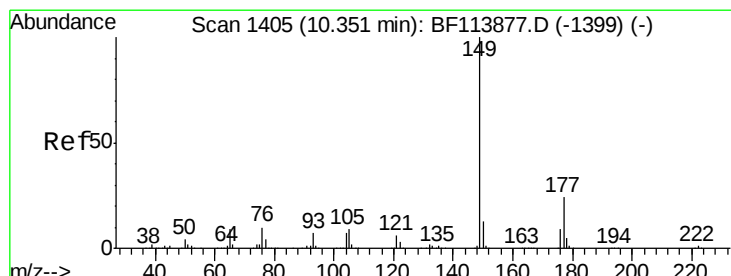
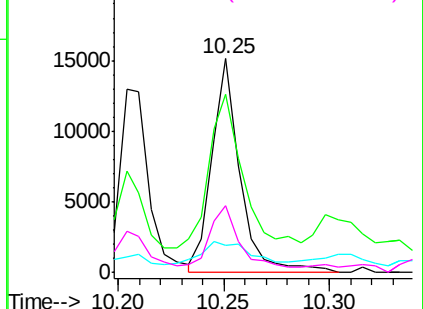
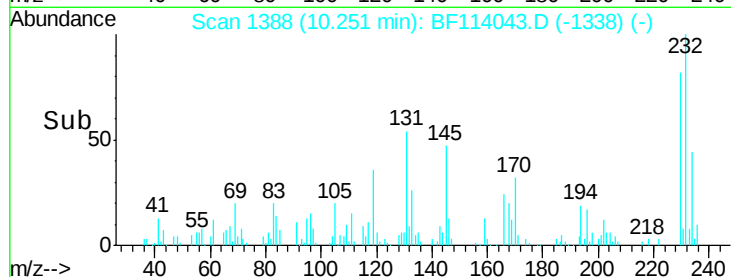
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.260 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 14082
Ion Ratio Lower Upper
232 100
131 86.2 30.2 45.2#
130 18.5 1.5 2.3#
166 28.8 22.2 33.4

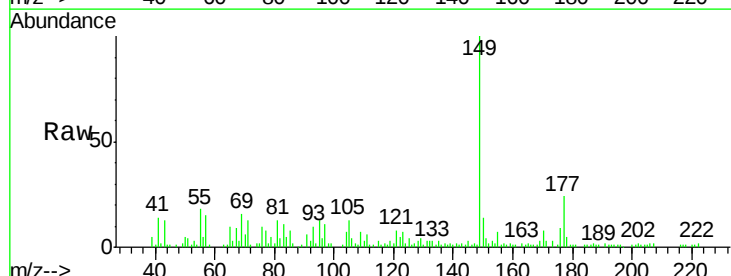


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

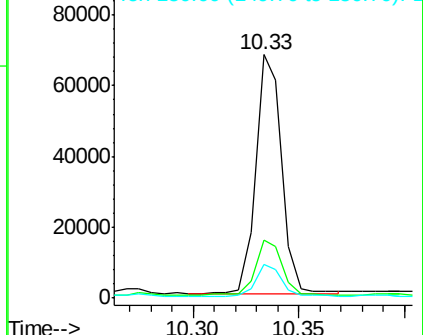
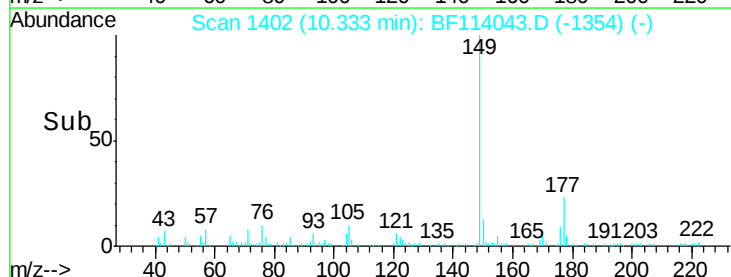


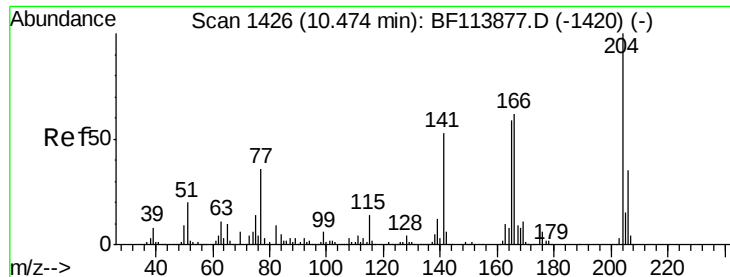
#60
Diethylphthalate
Concen: 3.976 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:149 Resp: 58017
Ion Ratio Lower Upper
149 100
177 23.6 19.2 28.8
150 13.8 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

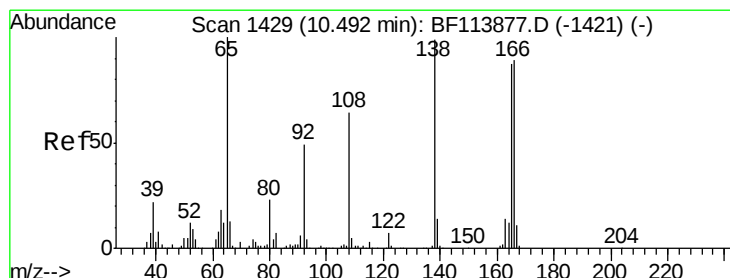
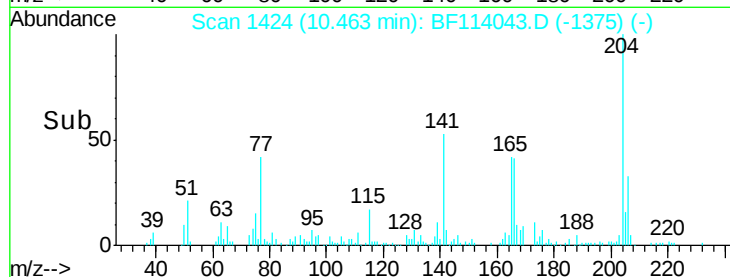
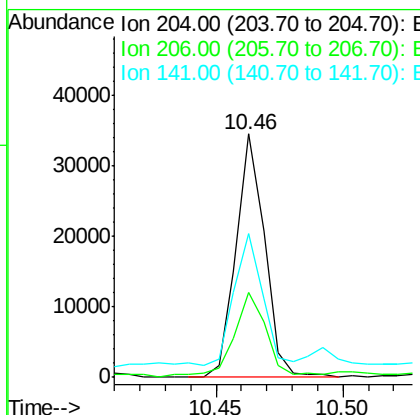
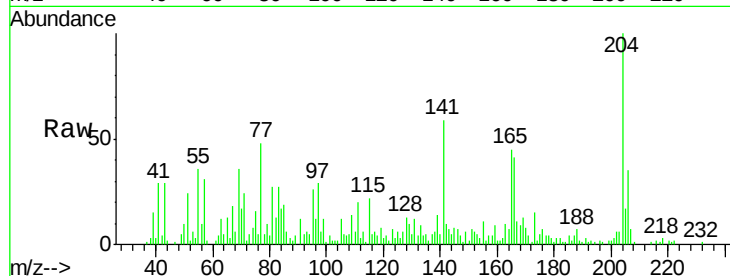




#61
4-Chlorophenyl-phenylether
Concen: 3.731 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

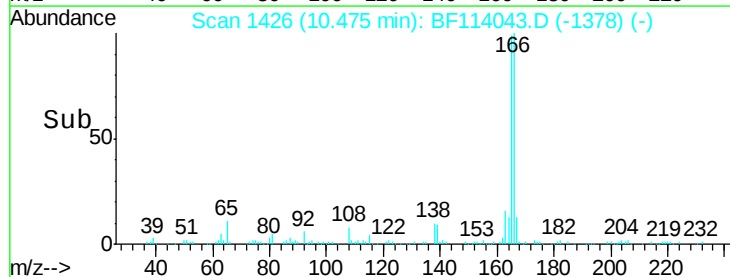
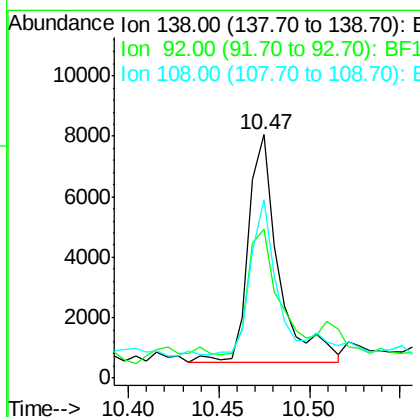
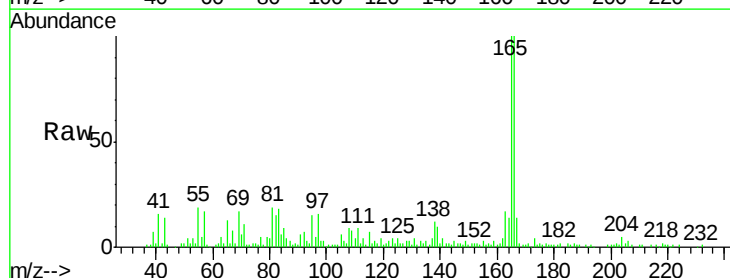
Instrument :
BNA_F
ClientSampled :

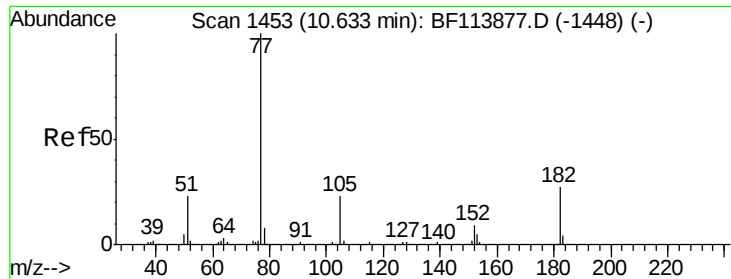
Tot Ion:204 Resp: 27208
Ion Ratio Lower Upper
204 100
206 34.6 27.4 41.2
141 59.2 42.6 63.8



#62
4-Nitroaniline
Concen: 2.584 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:138 Resp: 8736
Ion Ratio Lower Upper
138 100
92 61.2 31.3 71.3
108 73.2 48.9 88.9





#63

Azobenzene

Concen: 3.396 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 48022

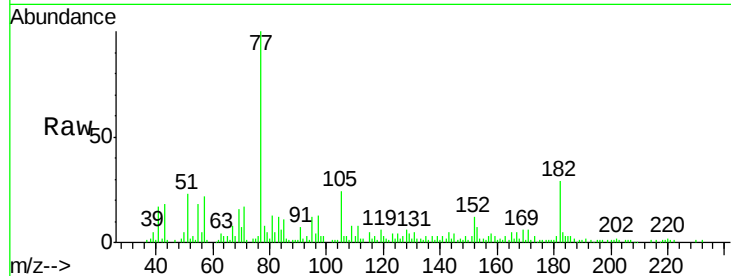
Ion Ratio Lower Upper

77 100

182 29.0 4.4 44.4

105 24.3 2.2 42.2

51 23.4 3.9 43.9



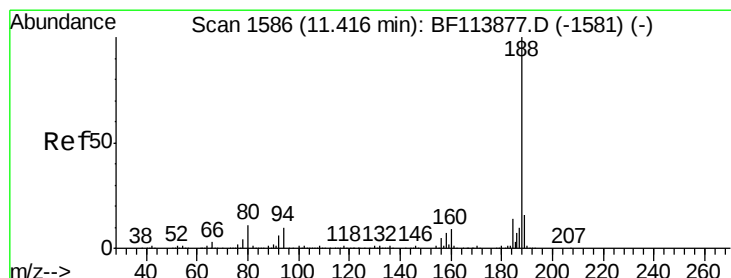
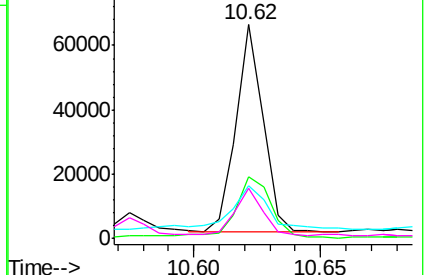
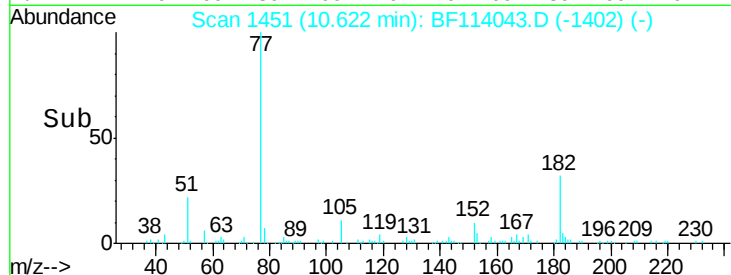
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

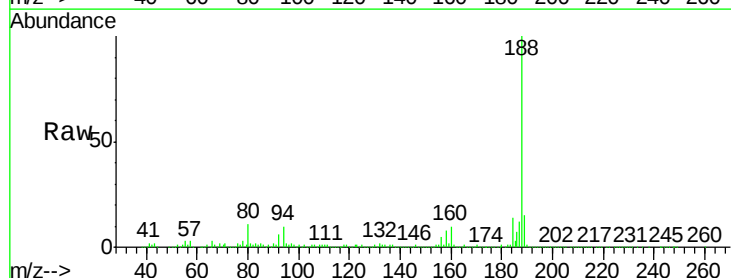
Tgt Ion: 188 Resp: 380094

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.4

80 10.5 9.0 13.6

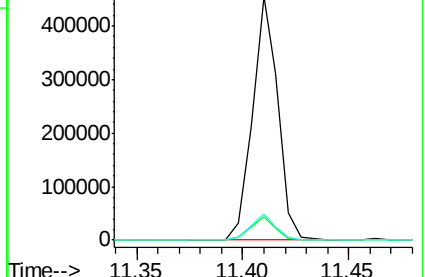
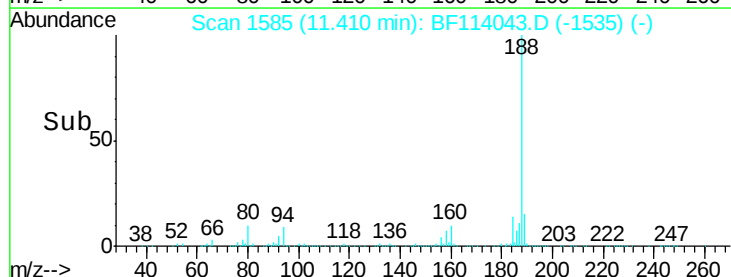


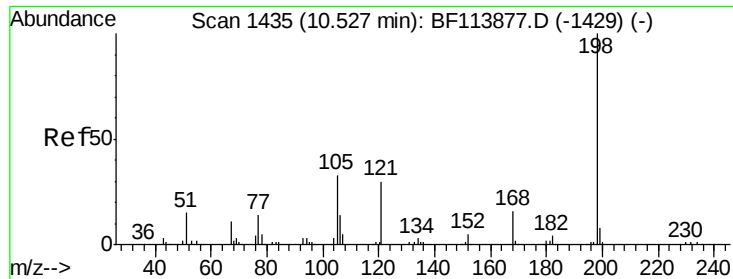
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 7.368 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

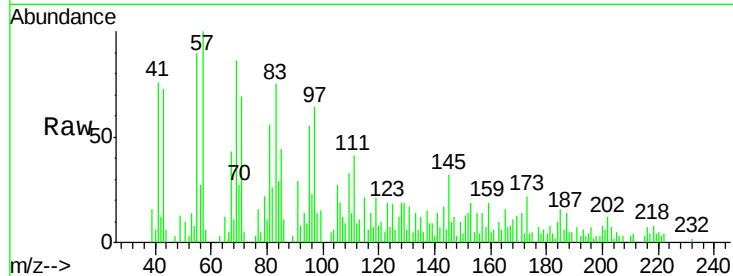
Tot Ion:198 Resp: 123

Ion Ratio Lower Upper

198 100

51 365.5 11.1 51.1#

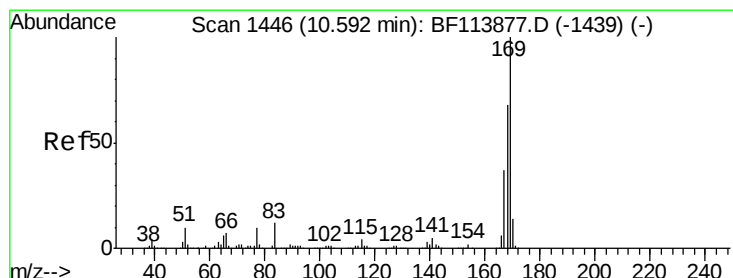
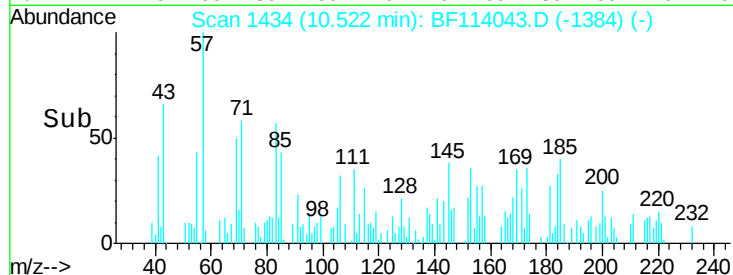
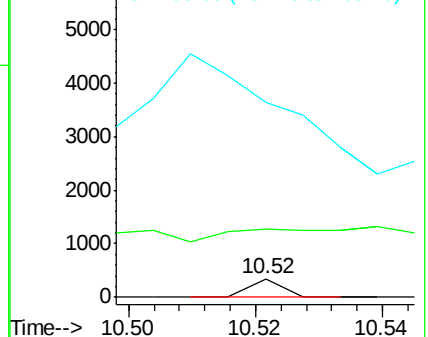
105 1043.4 20.7 60.7#



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: 4.612 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

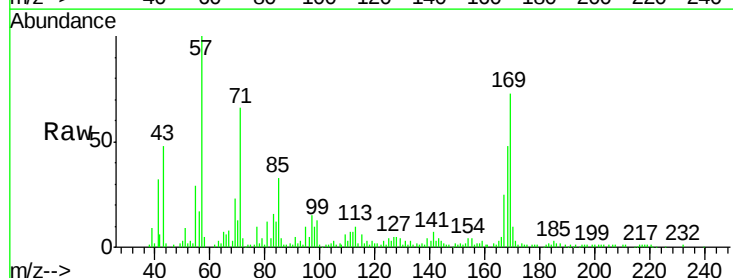
Tgt Ion:169 Resp: 52601

Ion Ratio Lower Upper

169 100

168 66.1 54.3 81.5

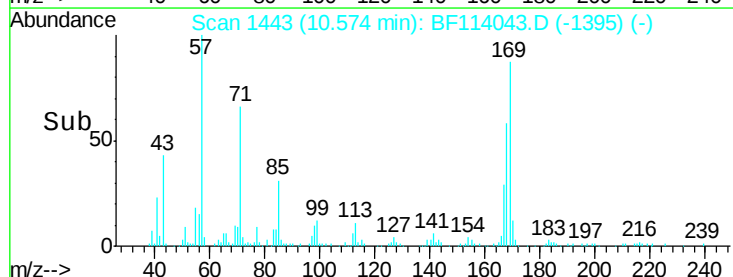
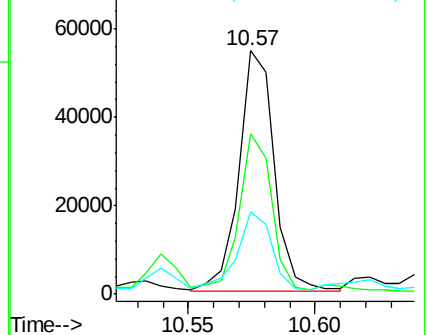
167 33.7 29.4 44.0

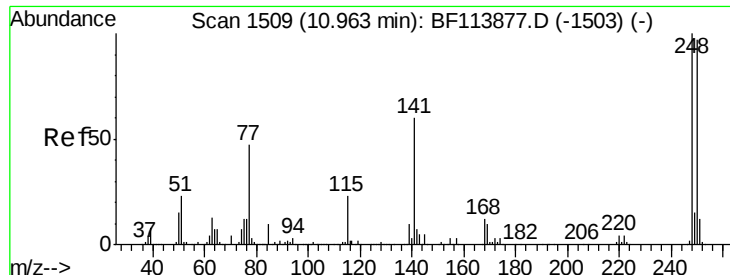


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

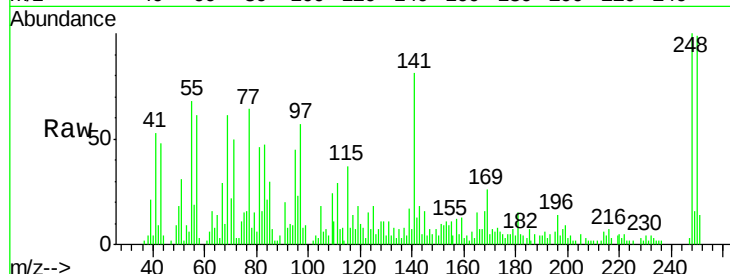




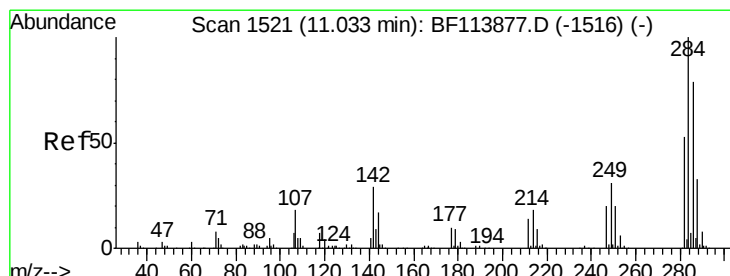
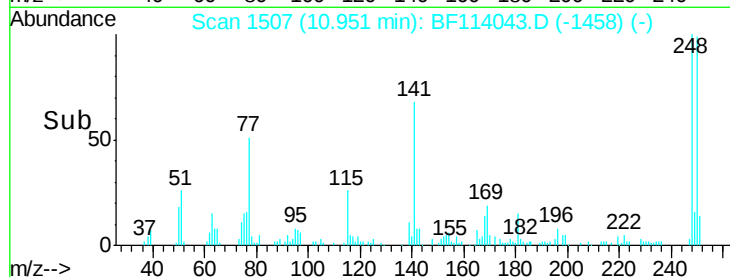
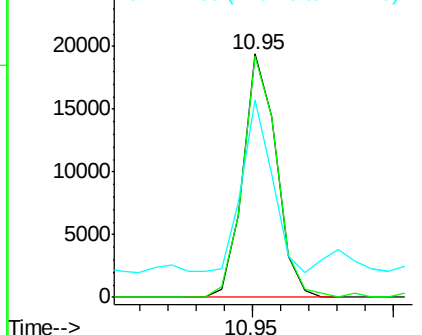
#67
4-Bromophenyl-phenylether
Concen: 3.450 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15841
Ion Ratio Lower Upper
248 100
250 99.3 75.8 113.6
141 81.3 50.2 75.4#

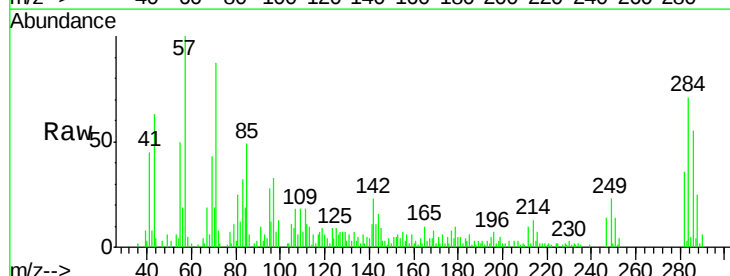


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

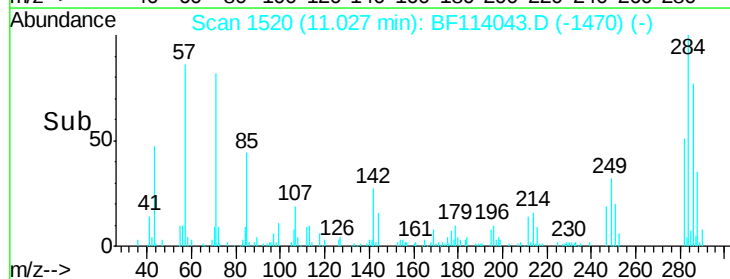
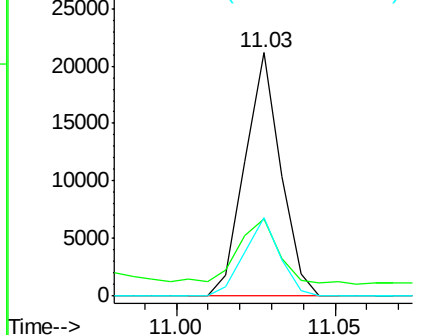


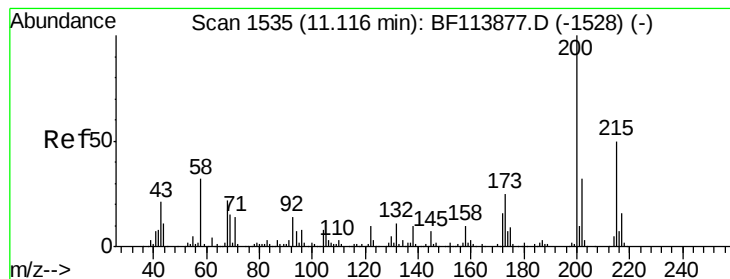
#68
Hexachlorobenzene
Concen: 3.297 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:284 Resp: 16635
Ion Ratio Lower Upper
284 100
142 31.6 23.0 34.4
249 32.1 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: 4.442 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.02 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampled :

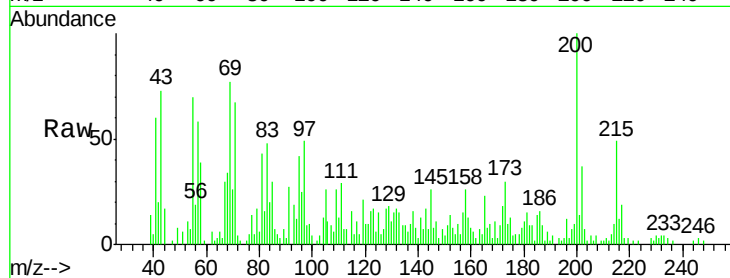
Tot Ion:200 Resp: 16481

Ion Ratio Lower Upper

200 100

173 29.6 5.9 45.9

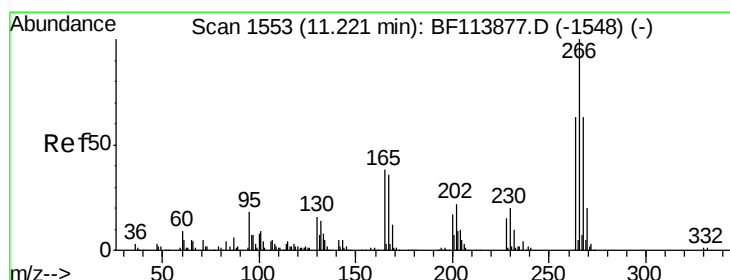
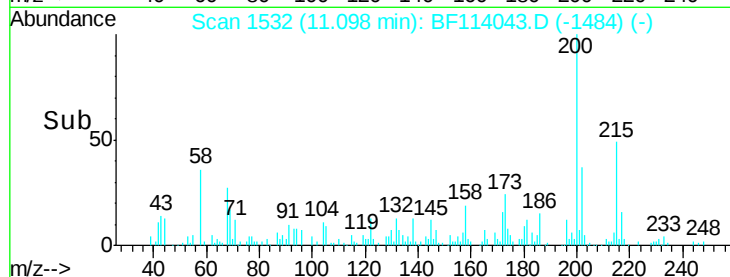
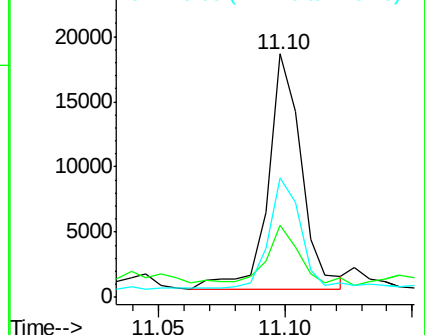
215 49.0 29.3 69.3



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: 5.406 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

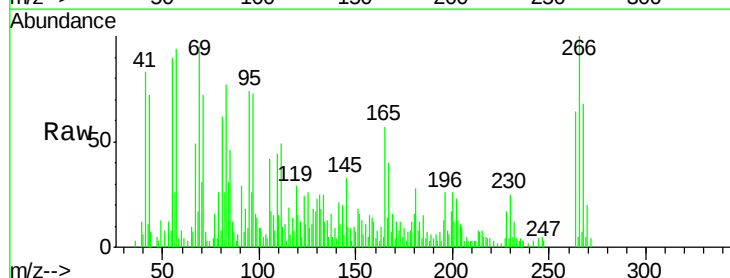
Tgt Ion:266 Resp: 15444

Ion Ratio Lower Upper

266 100

268 67.9 53.5 80.3

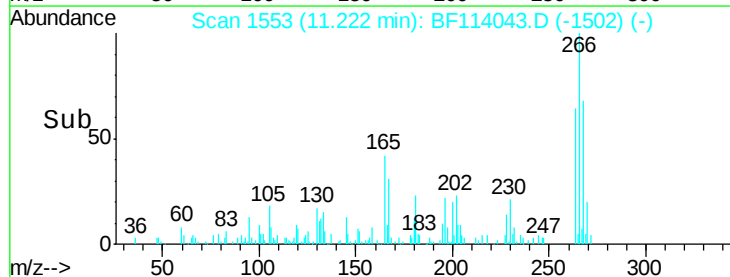
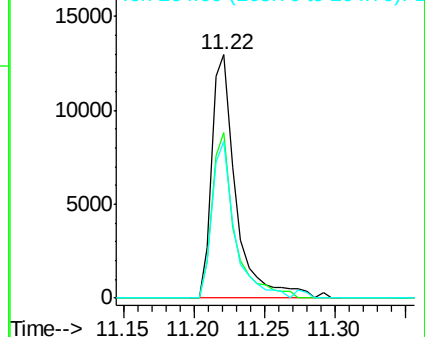
264 69.3 51.0 76.6

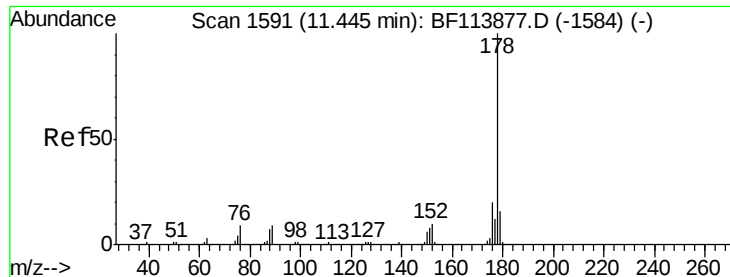


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 7.944 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

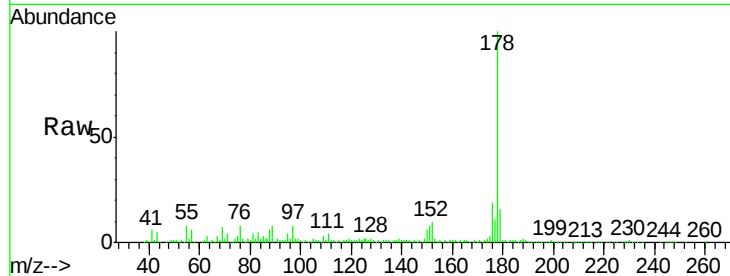
Tot Ion:178 Resp: 151745

Ion Ratio Lower Upper

178 100

176 19.0 16.1 24.1

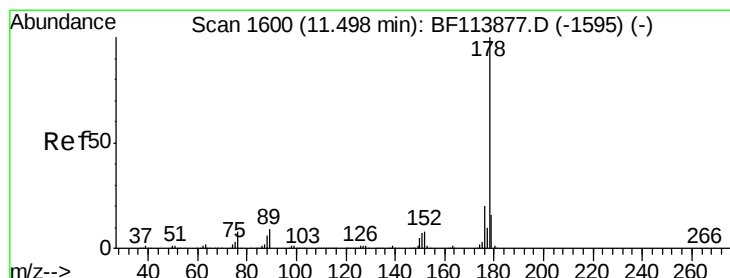
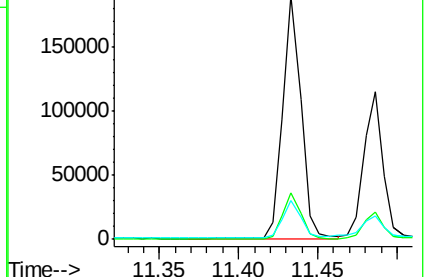
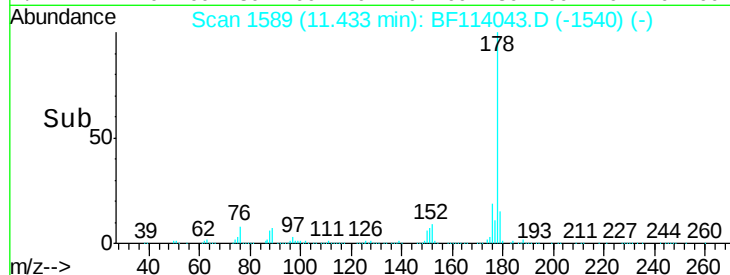
179 15.8 12.8 19.2



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: 4.810 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

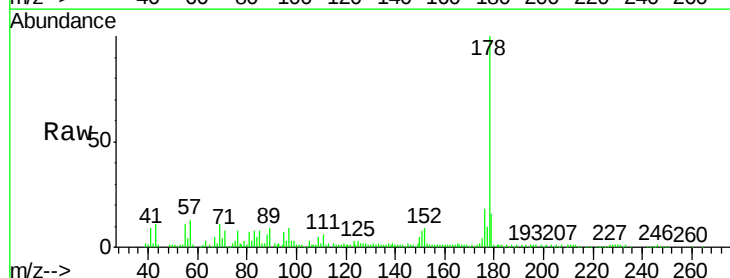
Tgt Ion:178 Resp: 92780

Ion Ratio Lower Upper

178 100

176 18.1 15.7 23.5

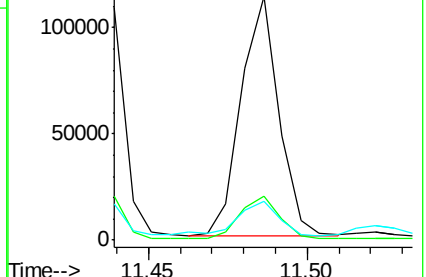
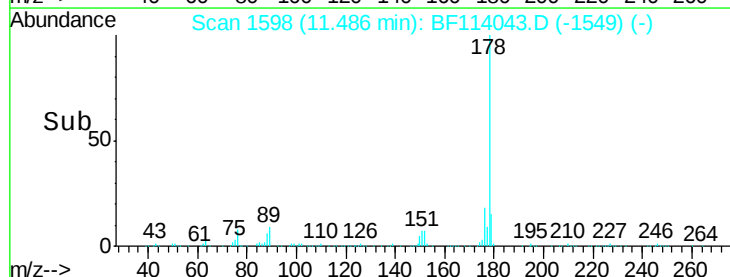
179 16.1 13.0 19.4

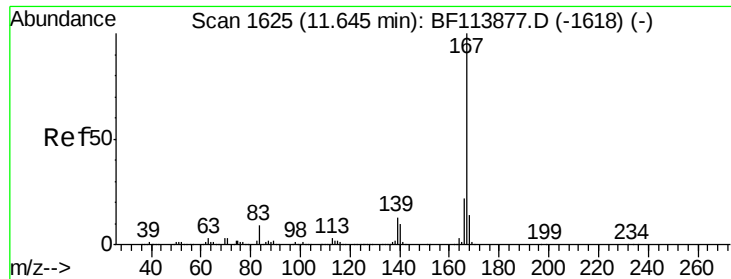


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

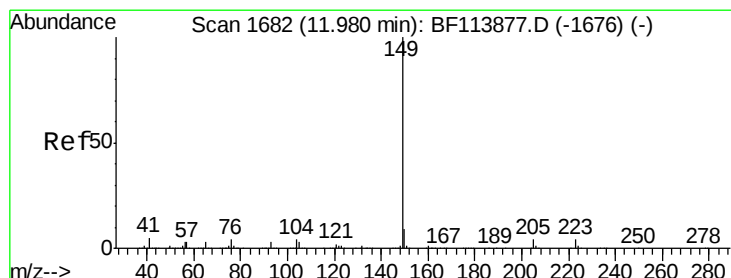
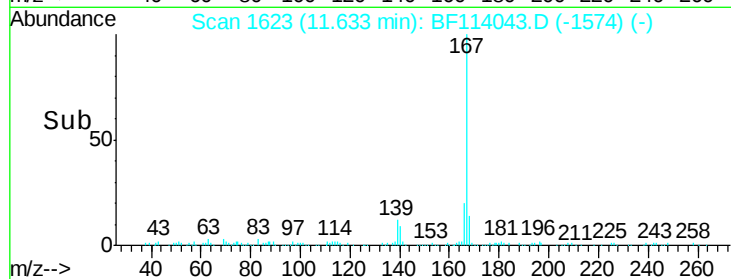
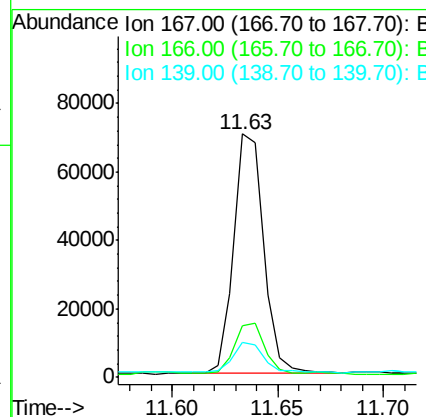
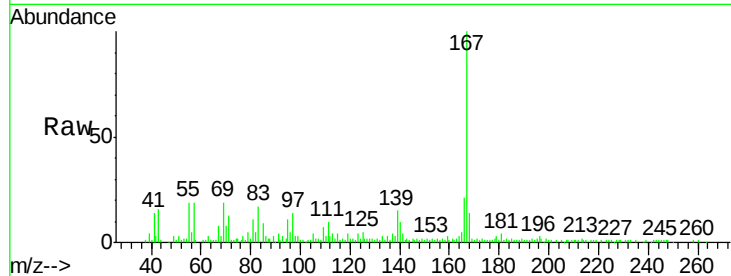




#73
 Carbazole
 Concen: 3.962 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

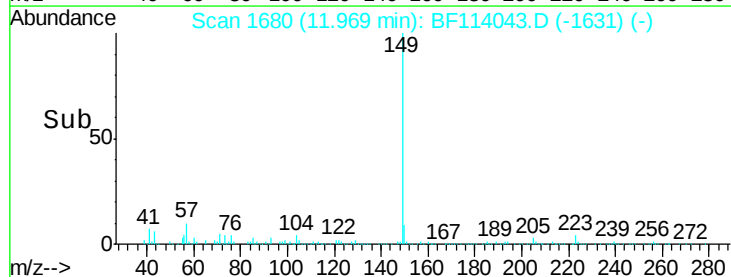
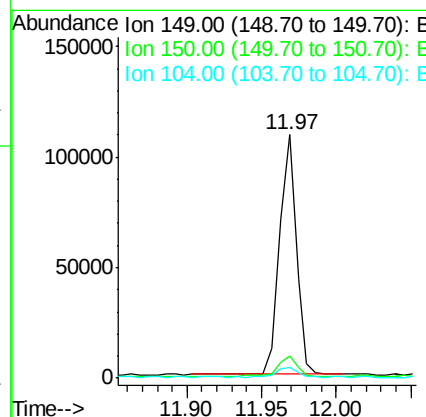
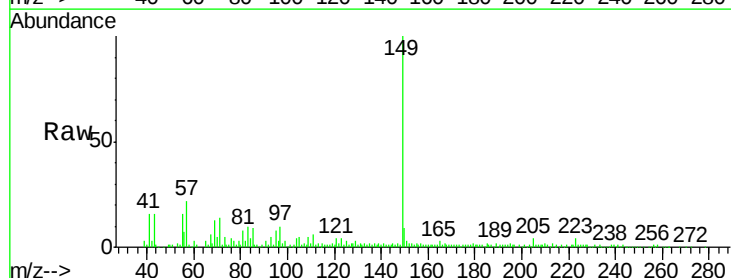
Instrument :
 BNA_F
 ClientSampleId :

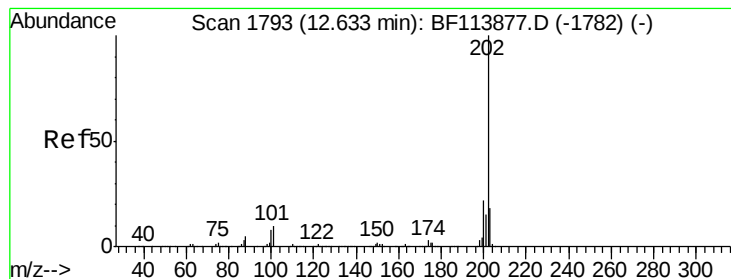
Tot Ion:167 Resp: 68186
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.7 26.5
 139 14.5 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 4.220 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114043.D
 Acq: 30 Apr 2019 15:44

Tgt Ion:149 Resp: 85430
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 4.5 3.8 5.8





#75

Fluoranthene

Concen: 11.200 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

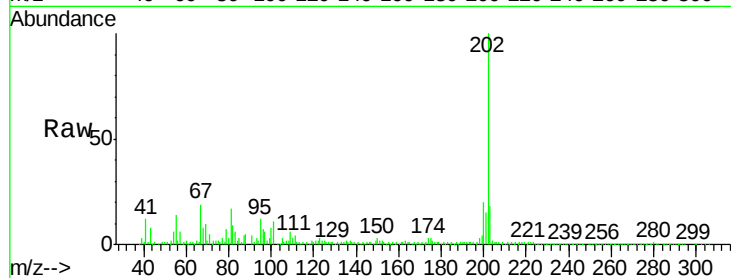
Tot Ion:202 Resp: 233408

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.9

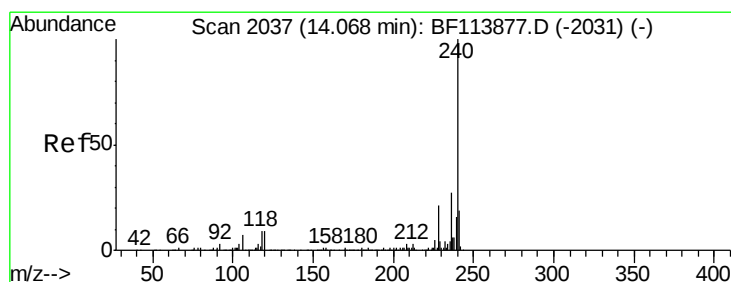
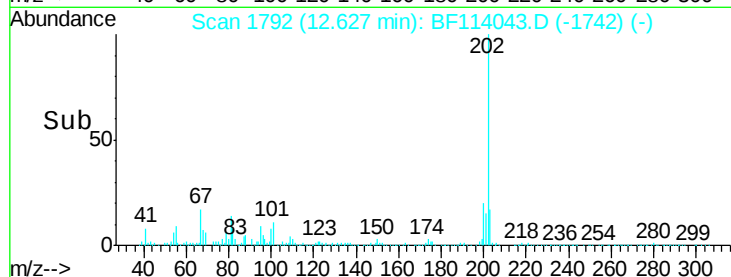
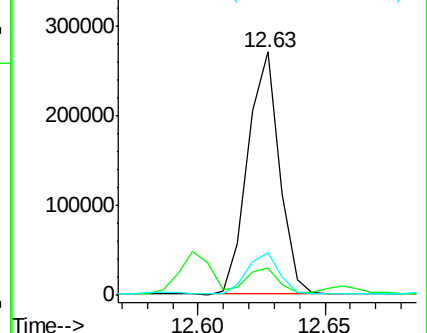
203 17.7 0.0 38.2



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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

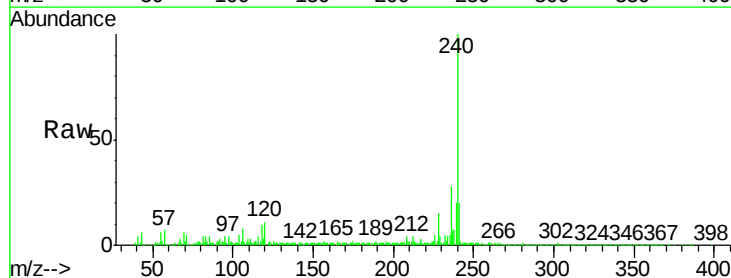
Tgt Ion:240 Resp: 290158

Ion Ratio Lower Upper

240 100

120 10.5 9.3 13.9

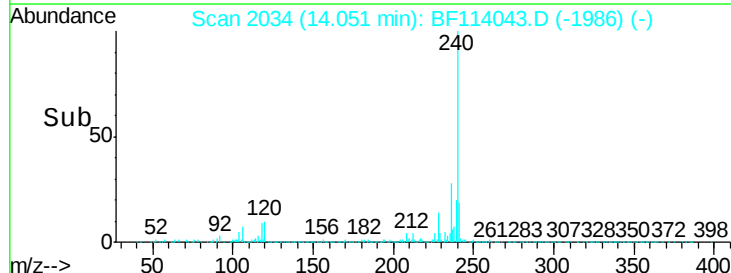
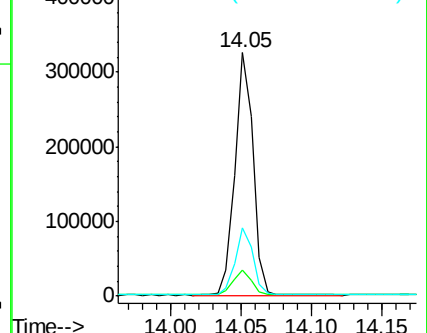
236 27.9 21.2 31.8

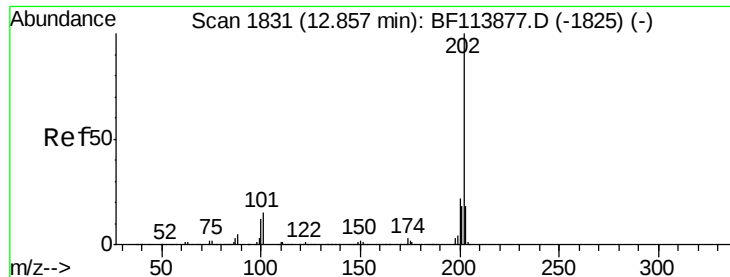


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

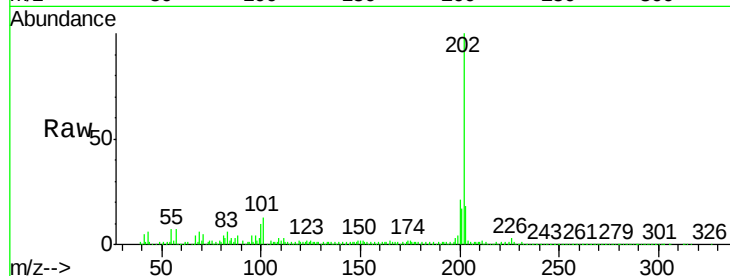




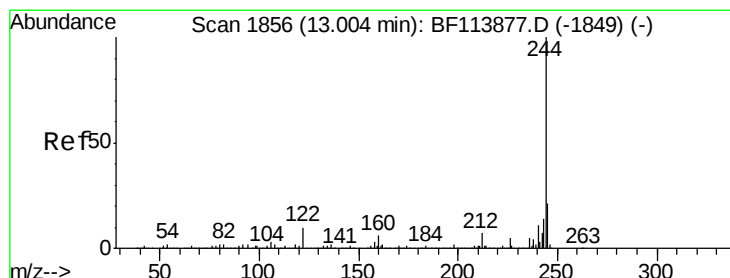
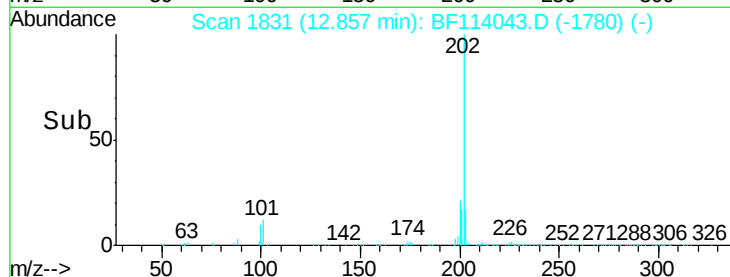
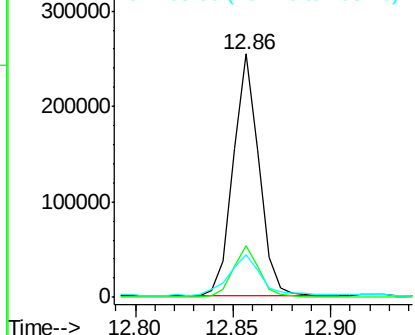
#78
Pvrene
Concen: 11.479 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	17.7	15.0	22.6

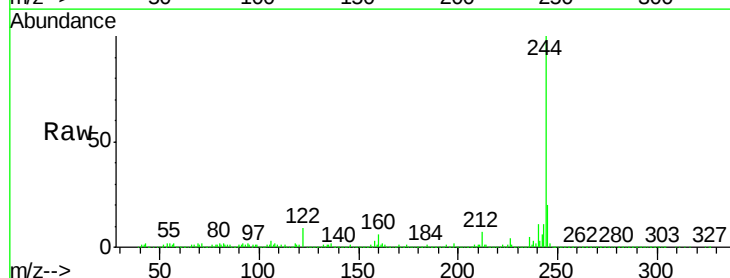


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

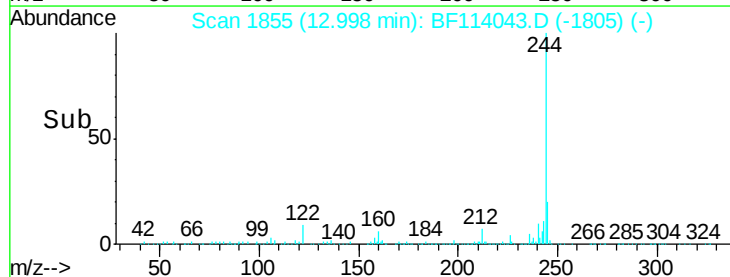
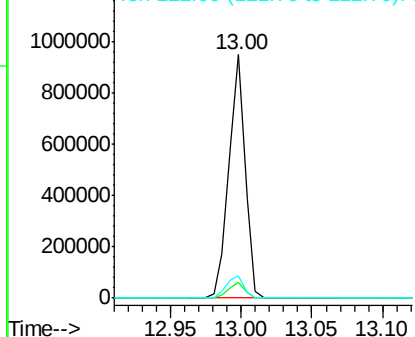


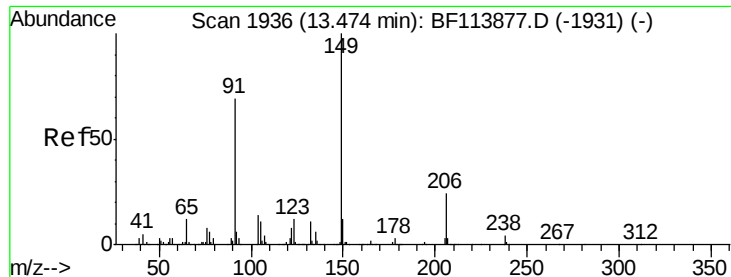
#79
Terphenyl-d14
Concen: 53.839 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	9.3	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

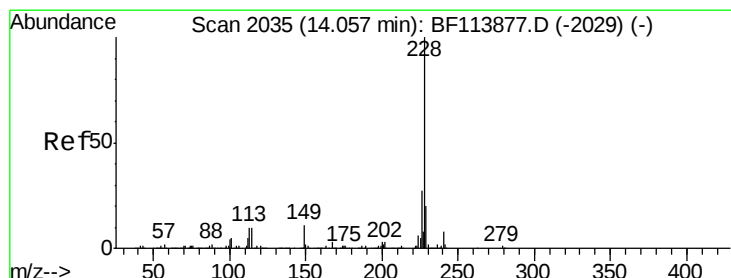
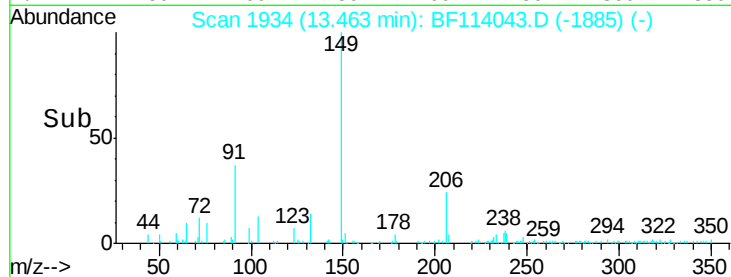
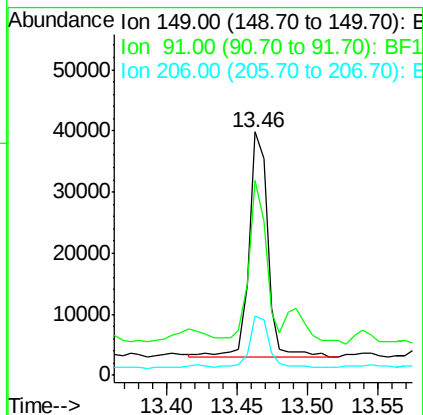
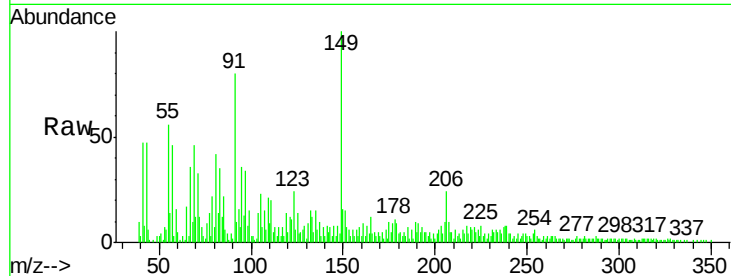




#80
Butylbenzylphthalate
Concen: 4.390 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

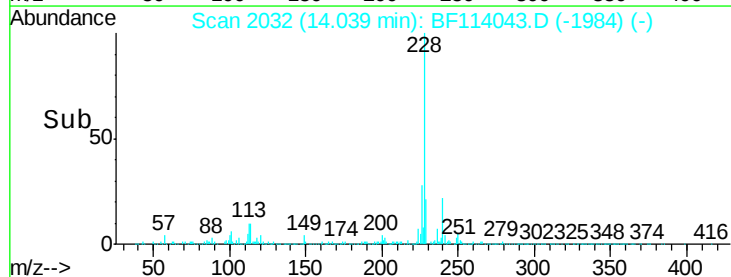
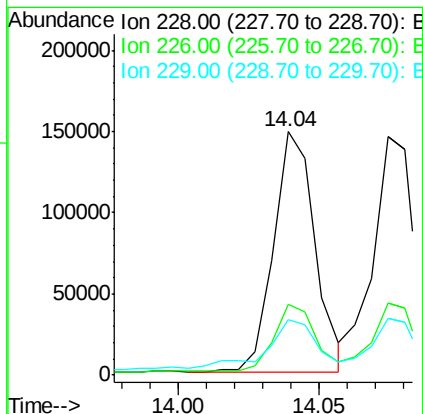
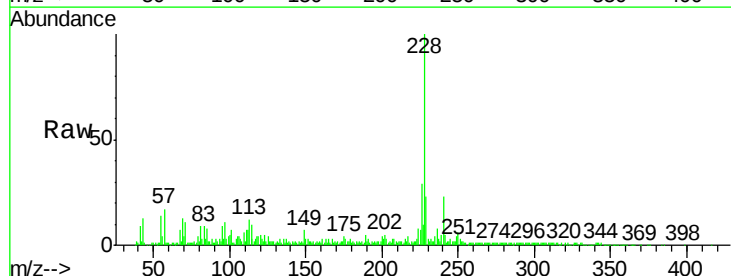
Instrument :
BNA_F
ClientSampleId :

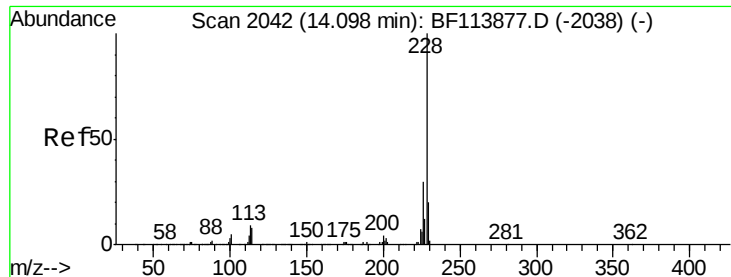
Tot Ion:149 Resp: 35050
Ion Ratio Lower Upper
149 100
91 80.1 56.3 84.5
206 24.3 19.0 28.6



#81
Benzo(a)anthracene
Concen: 8.776 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:228 Resp: 150036
Ion Ratio Lower Upper
228 100
226 28.9 22.2 33.2
229 22.6 16.0 24.0





#83

Chrvsene

Concen: 8.813 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

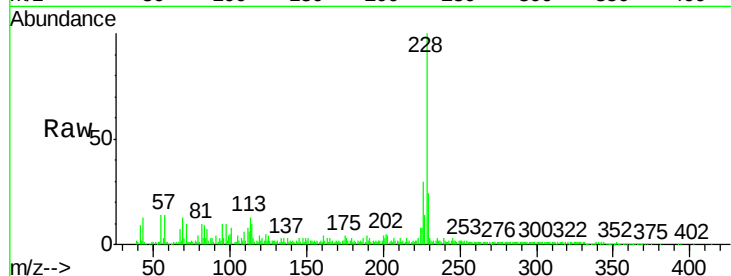
Tot Ion:228 Resp: 146737

Ion Ratio Lower Upper

228 100

226 30.0 25.2 37.8

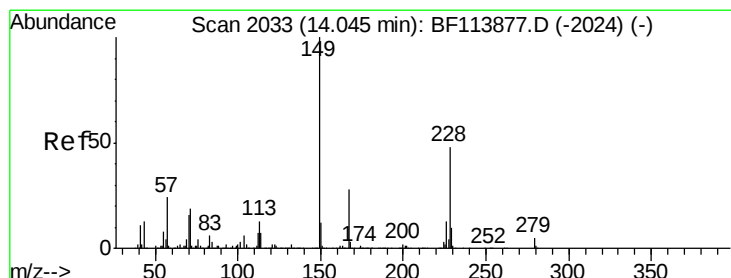
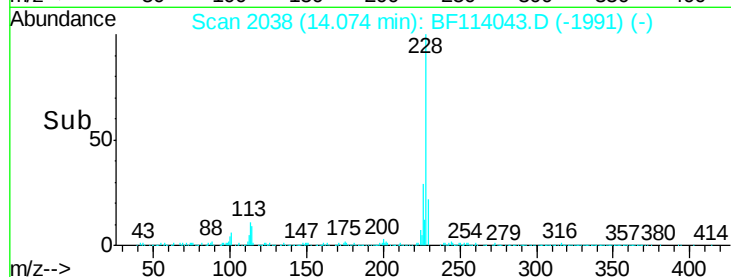
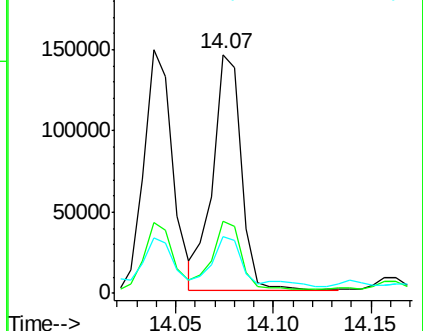
229 23.6 16.7 25.1



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: 5.435 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

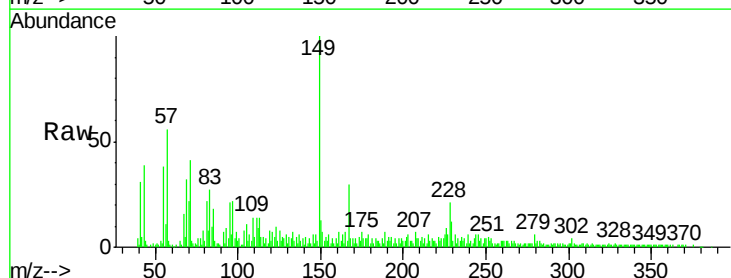
Tgt Ion:149 Resp: 55210

Ion Ratio Lower Upper

149 100

167 29.8 22.9 34.3

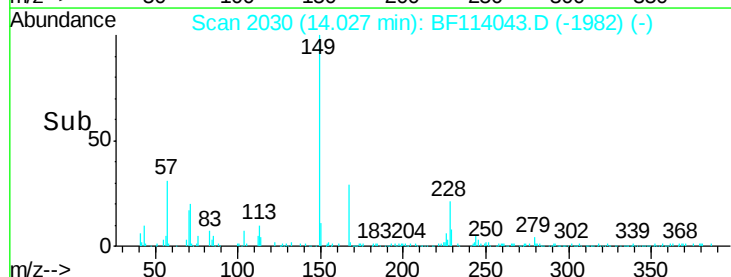
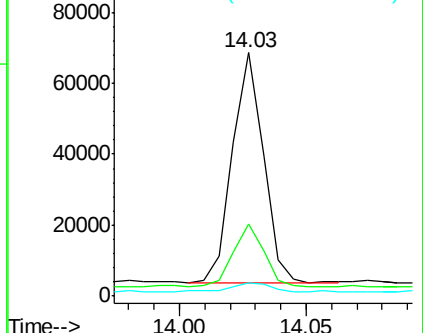
279 5.6 4.2 6.2

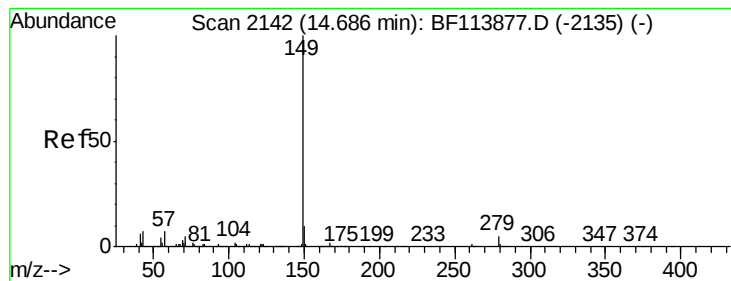


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 4.668 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.04 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

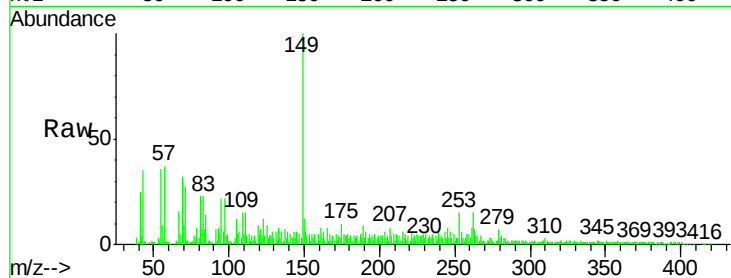
Tot Ion:149 Resp: 74212

Ion Ratio Lower Upper

149 100

167 3.3 1.3 1.9#

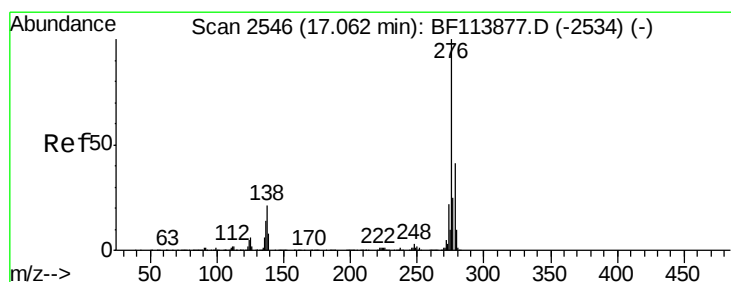
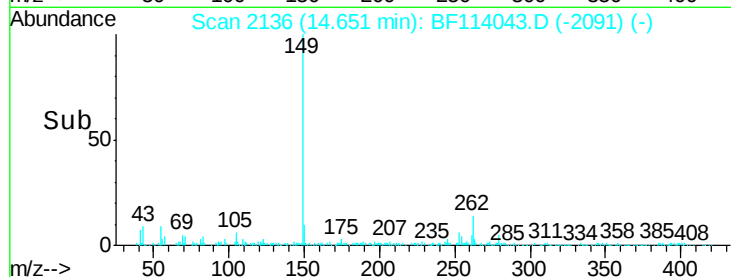
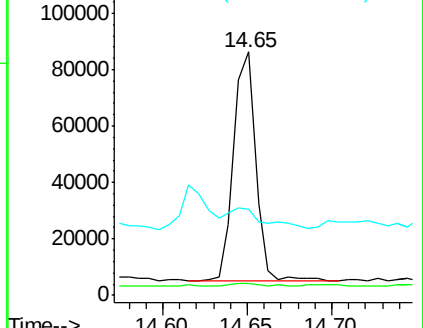
43 12.7 6.6 10.0#



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: 4.845 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.03 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

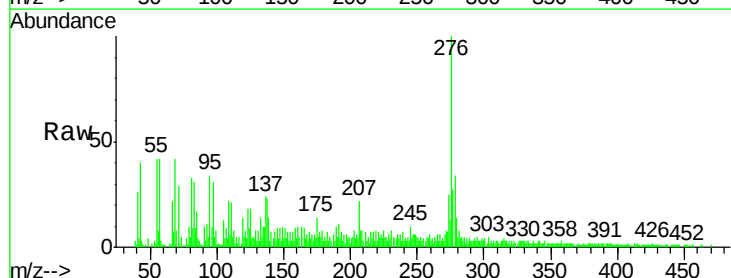
Tgt Ion:276 Resp: 76402

Ion Ratio Lower Upper

276 100

138 20.4 19.6 29.4

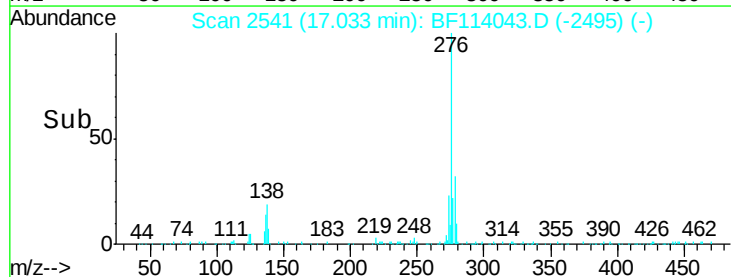
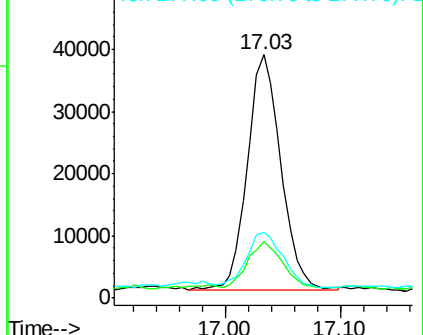
277 25.6 20.2 30.4

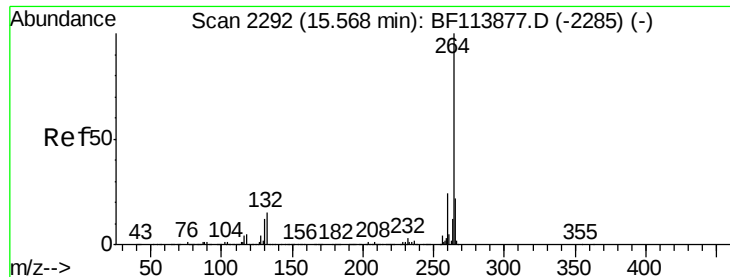


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

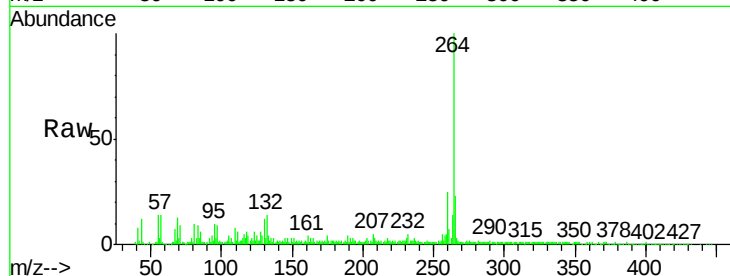
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 229066

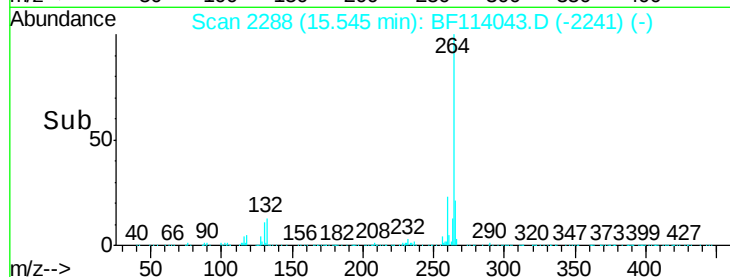
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	22.6	17.3	25.9



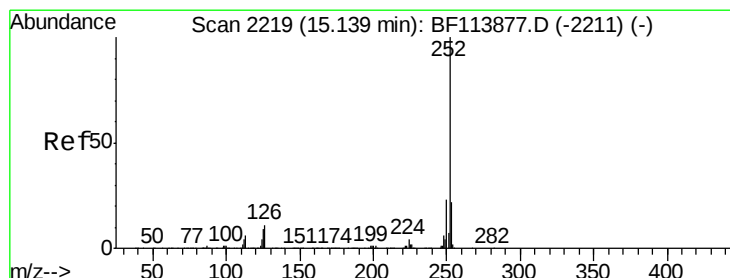
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 8.934 ng

RT: 15.11 min Scan# 2214

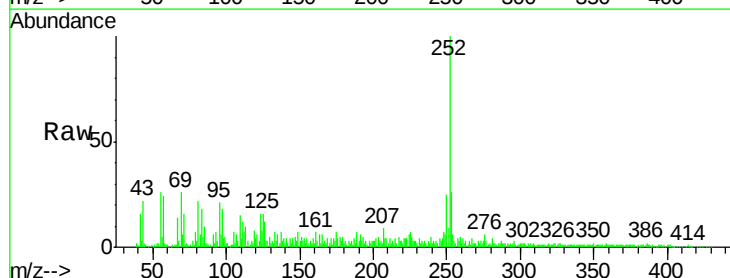
Delta R.T. -0.03 min

Lab File: BF114043.D

Acq: 30 Apr 2019 15:44

Tgt Ion:252 Resp: 129475

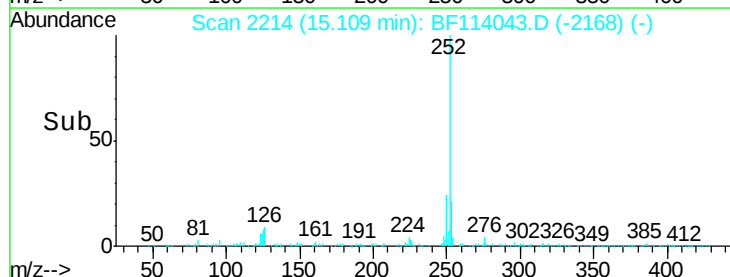
Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.8	26.6
125	16.0	7.0	10.6



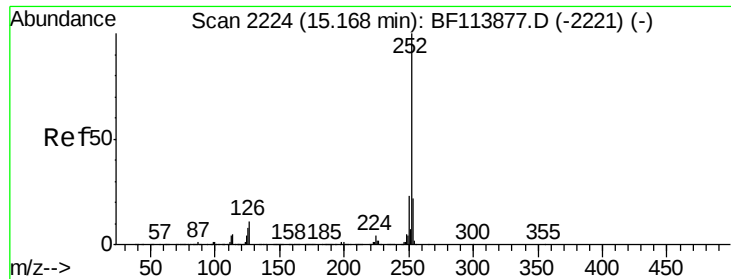
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



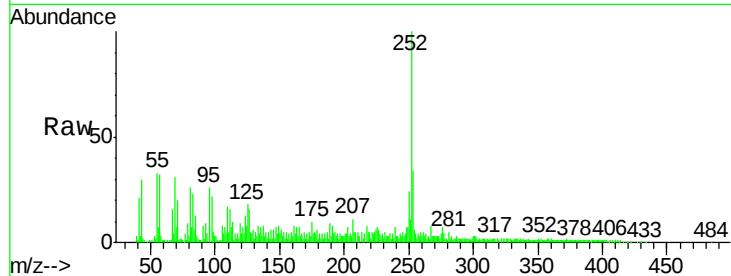
Time-->



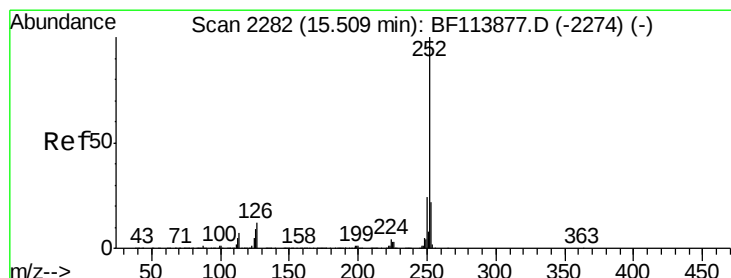
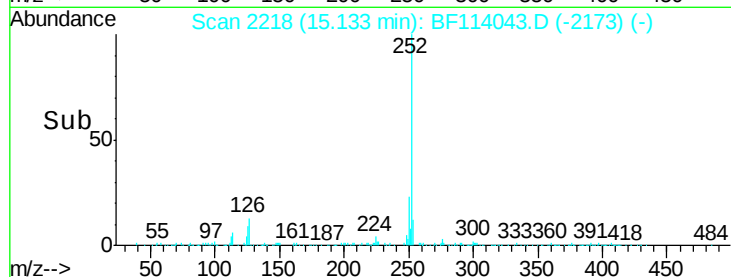
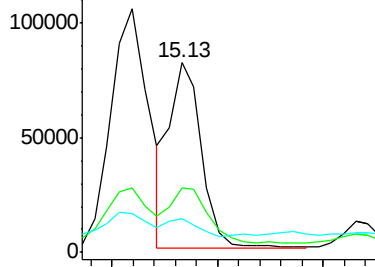
#89
Benzo(k)fluoranthene
Concen: 6.853 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 85436
Ion Ratio Lower Upper
252 100
253 34.1 18.2 27.2#
125 18.0 7.4 11.2#

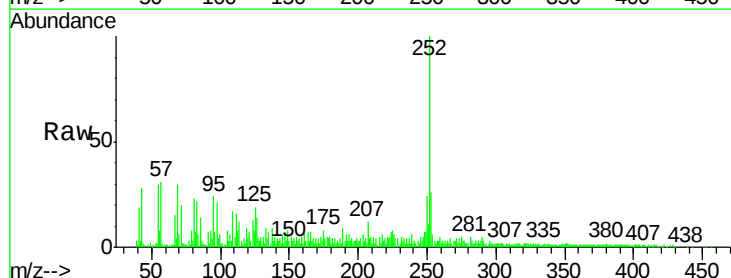


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

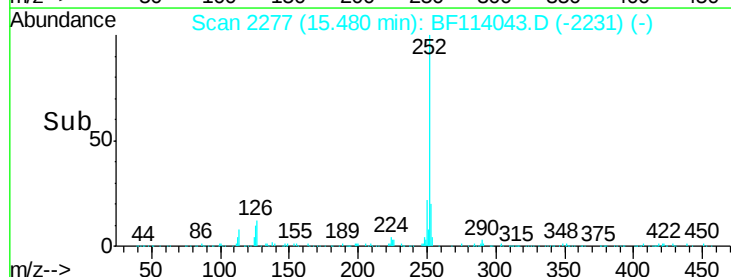
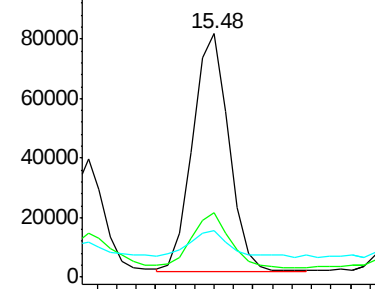


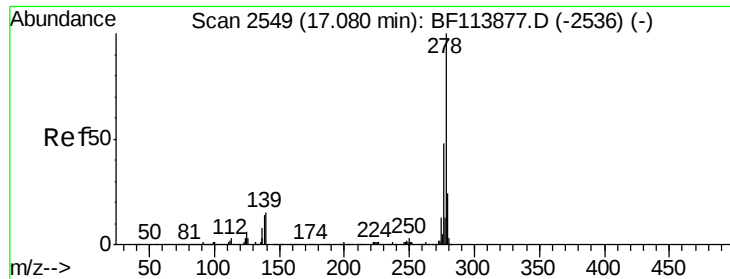
#90
Benzo(a)pyrene
Concen: 8.183 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:252 Resp: 102574
Ion Ratio Lower Upper
252 100
253 26.3 17.5 26.3
125 19.1 8.5 12.7#



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

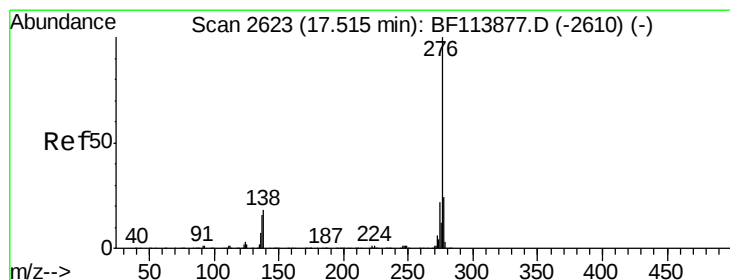
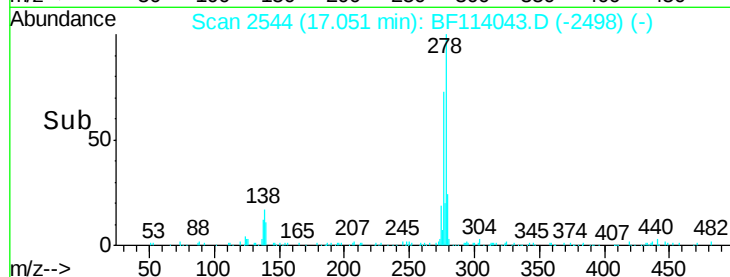
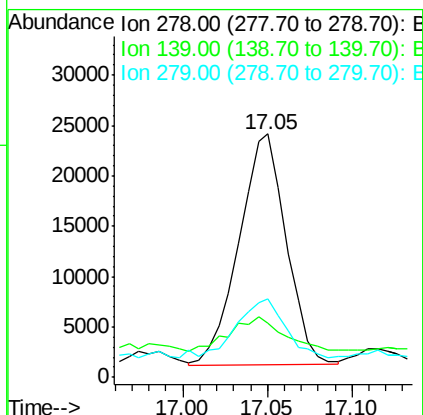
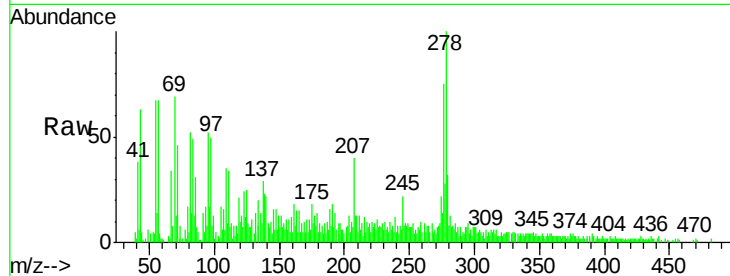




#91
Dibenzo(a,h)anthracene
Concen: 3.790 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.03 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 44601
Ion Ratio Lower Upper
278 100
139 22.2 11.6 17.4#
279 32.1 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 5.779 ng
RT: 17.49 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF114043.D
Acq: 30 Apr 2019 15:44

Tgt Ion:276 Resp: 68622
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 21.6 16.6 25.0

