

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113163.D
 Acq On : 20 Mar 2019 11:17
 Operator : JU/SJ
 Sample : SSTDC00420
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 08:55:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	176964	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	751813	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	347286	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	741549	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	578222	20.00	ng	0.00
87) Perylene-d12	15.27	264	522521	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	826521	72.65	ng	-0.01
7) Phenol-d6	6.37	99	1089000	76.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	1048518	83.45	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	346650	94.02	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1861483	90.29	ng	0.00
79) Terphenyl-d14	12.82	244	2107214	70.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	184183	32.298	ng	99
3) Pyridine	3.09	79	537033	35.200	ng	99
4) n-Nitrosodimethylamine	3.04	42	239123	35.830	ng	98
6) Aniline	6.39	93	681042	34.622	ng	# 26
8) 2-Chlorophenol	6.51	128	504554	39.842	ng	98
9) Benzaldehyde	6.27	77	374659	36.385	ng	99
10) Phenol	6.39	94	612326	36.719	ng	# 71
11) bis(2-Chloroethyl)ether	6.46	93	488637	38.175	ng	97
12) 1,3-Dichlorobenzene	6.66	146	541831	41.418	ng	98
13) 1,4-Dichlorobenzene	6.74	146	546951	41.690	ng	98
14) 1,2-Dichlorobenzene	6.90	146	504409	41.940	ng	98
15) Benzyl Alcohol	6.87	79	416622	38.233	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	773344	36.204	ng	87
17) 2-Methylphenol	6.99	107	405697	39.489	ng	94
18) Hexachloroethane	7.23	117	201810	40.157	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	344816	38.098	ng	99
20) 3+4-Methylphenols	7.15	107	484178	41.744	ng	# 77
22) Acetophenone	7.14	105	716515	40.759	ng	# 94
24) Nitrobenzene	7.31	77	543643	38.876	ng	97
25) Isophorone	7.55	82	1003271	37.065	ng	98
26) 2-Nitrophenol	7.62	139	303077	52.064	ng	96
27) 2,4-Dimethylphenol	7.67	122	423106	39.069	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	652852	38.578	ng	99
29) 2,4-Dichlorophenol	7.87	162	470138	44.766	ng	95
30) 1,2,4-Trichlorobenzene	7.95	180	500377	44.342	ng	98
31) Naphthalene	8.03	128	1521935	40.774	ng	100
32) Benzoic acid	7.82	122	370489	48.810	ng	89
33) 4-Chloroaniline	8.08	127	647934	40.984	ng	99
34) Hexachlorobutadiene	8.15	225	301180	47.325	ng	99
35) Caprolactam	8.46	113	150136	40.589	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	475508	40.912	ng	95
37) 2-Methylnaphthalene	8.72	142	992519	41.176	ng	99
38) 1-Methylnaphthalene	8.82	142	953835	40.850	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	490672	48.451	ng	98

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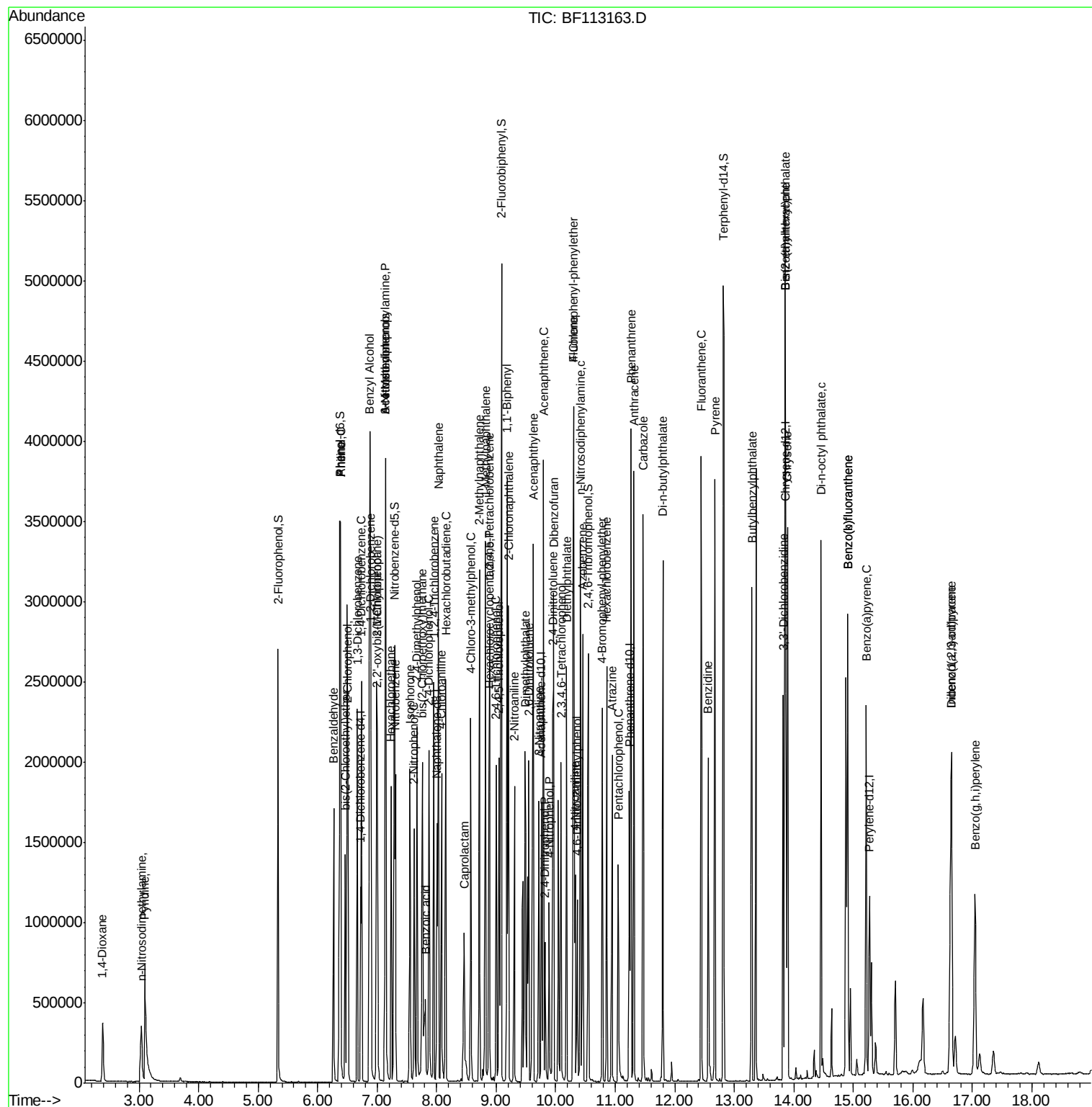
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	235450	42.457	ng	100
43) 2,4,6-Trichlorophenol	9.00	196	305890	43.888	ng	98
44) 2,4,5-Trichlorophenol	9.05	196	335461	44.529	ng	98
46) 1,1'-Biphenyl	9.18	154	1246523	44.005	ng	100
47) 2-Chloronaphthalene	9.20	162	963891	43.579	ng	99
48) 2-Nitroaniline	9.30	65	306681	45.617	ng	96
49) Acenaphthylene	9.62	152	1522900	40.557	ng	99
50) Dimethylphthalate	9.49	163	1116441	43.599	ng	99
51) 2,6-Dinitrotoluene	9.55	165	255309	47.878	ng	86
52) Acenaphthene	9.79	154	834776	38.016	ng	98
53) 3-Nitroaniline	9.72	138	287462	44.241	ng	97
54) 2,4-Dinitrophenol	9.82	184	125768	59.462	ng	94
55) Dibenzofuran	9.96	168	1204961	37.756	ng	99
56) 4-Nitrophenol	9.89	139	194242	36.783	ng	99
57) 2,4-Dinitrotoluene	9.95	165	295095	44.520	ng	# 91
58) Fluorene	10.30	166	915015	40.395	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	262473	41.818	ng	95
60) Diethylphthalate	10.18	149	998037	36.903	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	456429	43.309	ng	93
62) 4-Nitroaniline	10.33	138	270118	44.988	ng	99
63) Azobenzene	10.46	77	960537	34.675	ng	96
65) 4,6-Dinitro-2-methylphenol	10.36	198	150154	49.157	ng	79
66) n-Nitrosodiphenylamine	10.42	169	837607	35.220	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	314338	40.244	ng	# 89
68) Hexachlorobenzene	10.86	284	372590	42.317	ng	# 89
69) Atrazine	10.95	200	242836	33.340	ng	99
70) Pentachlorophenol	11.05	266	207200	39.983	ng	99
71) Phenanthrene	11.26	178	1521885	41.249	ng	100
72) Anthracene	11.32	178	1571253	40.684	ng	99
73) Carbazole	11.47	167	1528652	40.574	ng	99
74) Di-n-butylphthalate	11.80	149	1772315	39.233	ng	99
75) Fluoranthene	12.45	202	1673282	42.331	ng	98
77) Benzidine	12.56	184	783523	26.118	ng	98
78) Pyrene	12.67	202	1718493	35.254	ng	100
80) Butylbenzylphthalate	13.29	149	758695	35.261	ng	90
81) Benzo(a)anthracene	13.86	228	1365240	34.067	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	569962	37.605	ng	# 97
83) Chrysene	13.90	228	1415156	36.051	ng	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	907205	35.946	ng	100
85) Di-n-octyl phthalate	14.46	149	1650594	38.088	ng	99
86) Indeno(1,2,3-cd)pyrene	16.64	276	1132349	33.836	ng	94
88) Benzo(b)fluoranthene	14.90	252	1093318	32.348	ng	98
89) Benzo(k)fluoranthene	14.90	252	1093318	35.713	ng	98
90) Benzo(a)pyrene	15.22	252	1184032	39.606	ng	98
91) Dibenzo(a,h)anthracene	16.65	278	934564	36.635	ng	96
92) Benzo(g,h,i)perylene	17.04	276	915294	35.732	ng	95

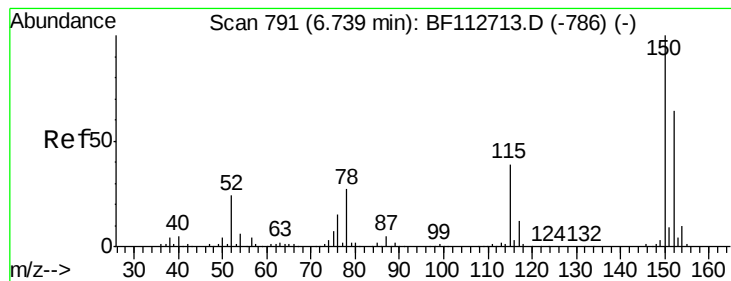
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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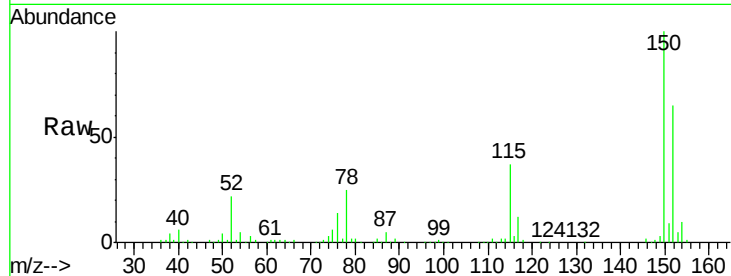


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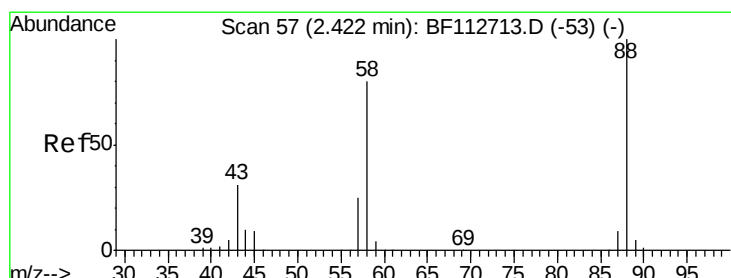
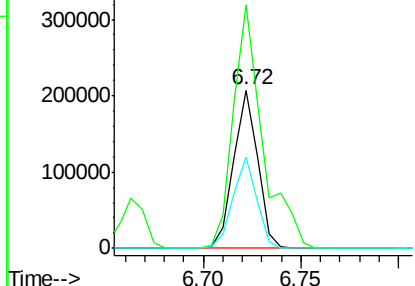
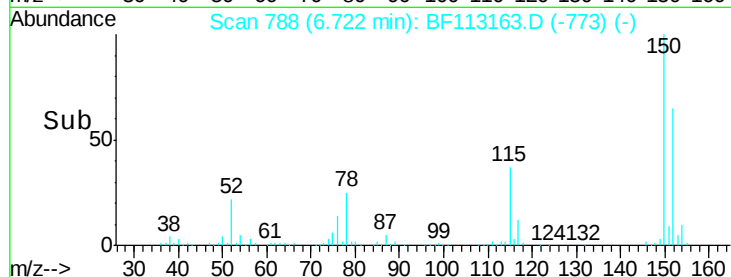
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 176964
Ion Ratio Lower Upper
152 100
150 153.8 124.2 186.2
115 57.4 48.2 72.4



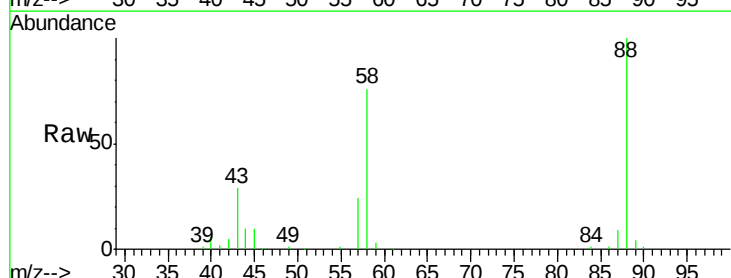
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



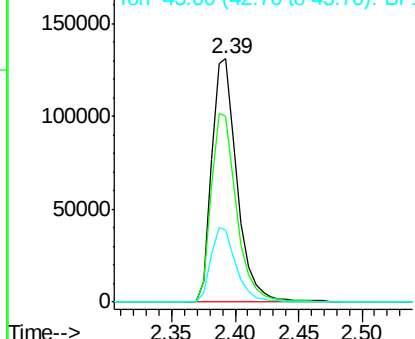
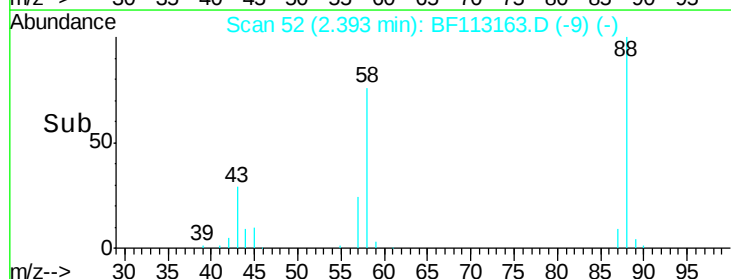
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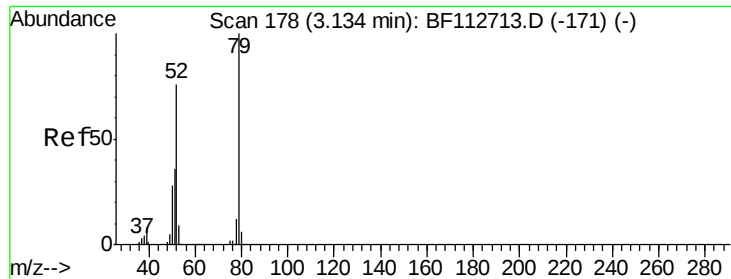
1,4-Dioxane
Concen: 32.298 ng
RT: 2.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion: 88 Resp: 184183
Ion Ratio Lower Upper
88 100
58 77.3 63.1 94.7
43 30.5 24.3 36.5



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: 35.200 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.05 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampleId :

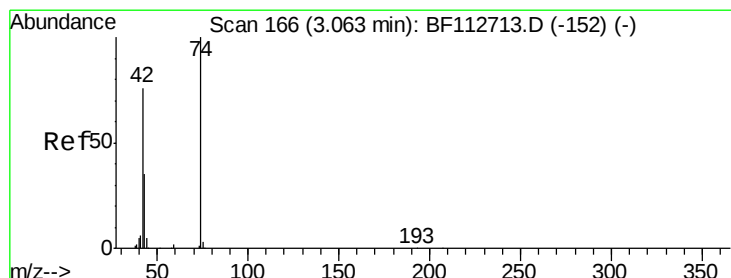
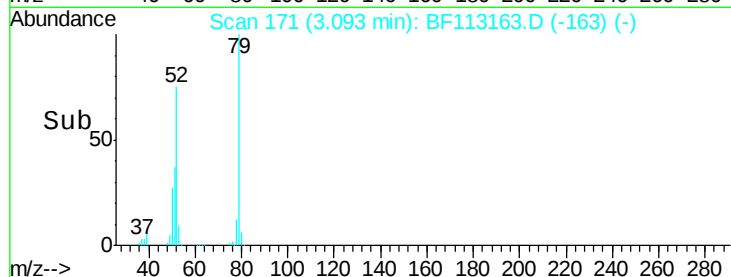
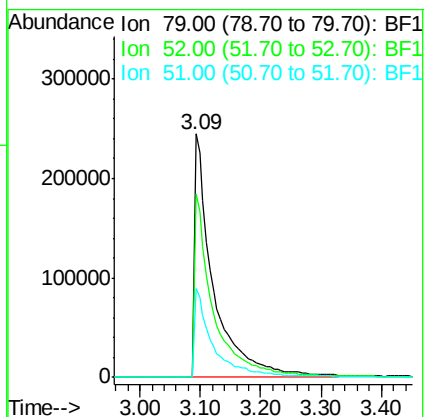
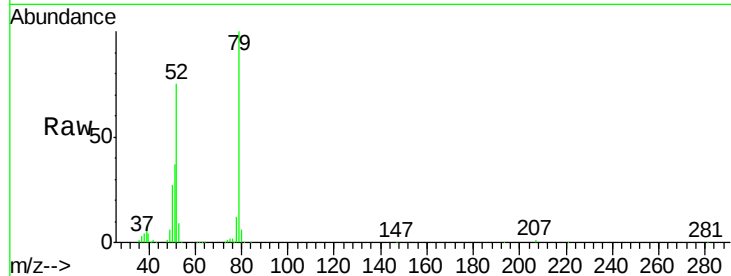
Tot Ion: 79 Resp: 537033

Ion Ratio Lower Upper

79 100

52 75.1 60.5 90.7

51 36.5 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 35.830 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.05 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

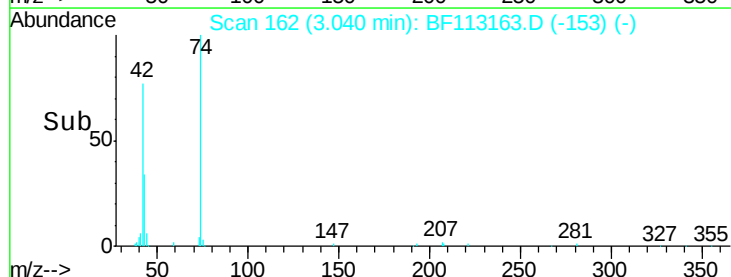
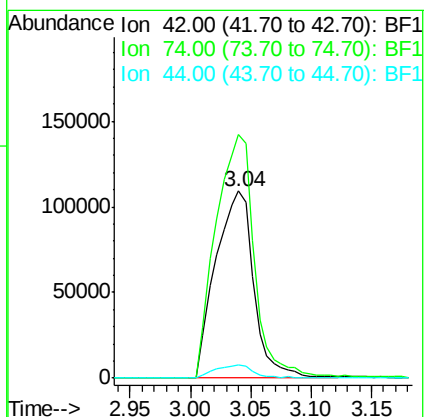
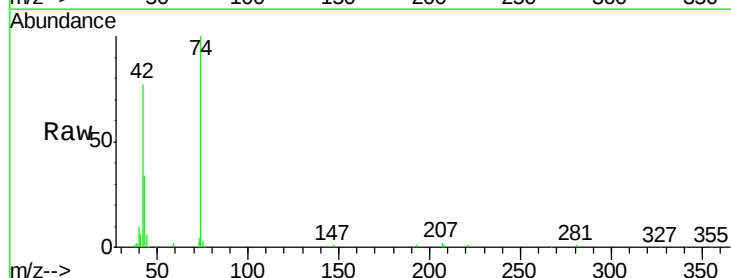
Tgt Ion: 42 Resp: 239123

Ion Ratio Lower Upper

42 100

74 130.3 105.8 158.8

44 7.2 6.2 9.2





#5

2-Fluorophenol

Concen: 72.653 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampleId :

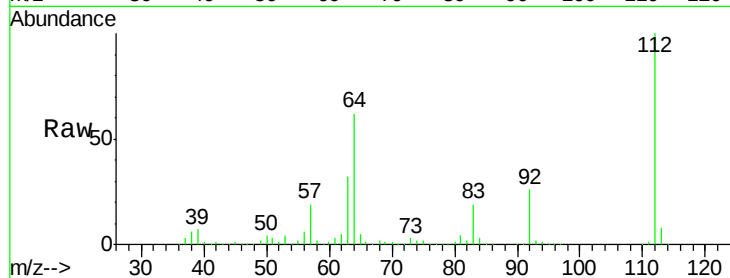
Tot Ion:112 Resp: 826521

Ion Ratio Lower Upper

112 100

64 61.6 47.6 71.4

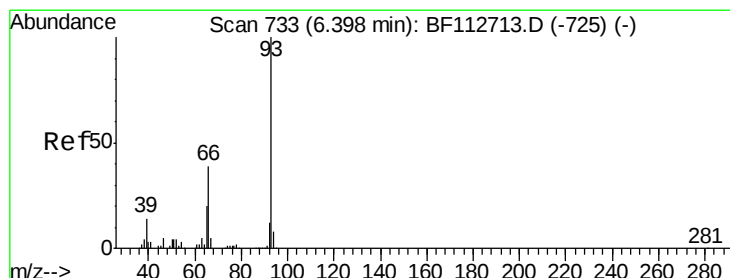
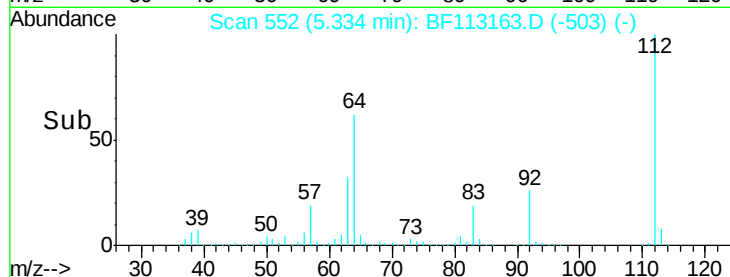
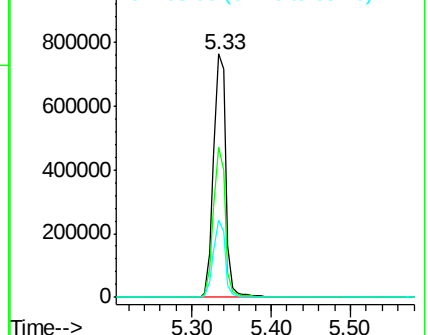
63 31.8 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.622 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

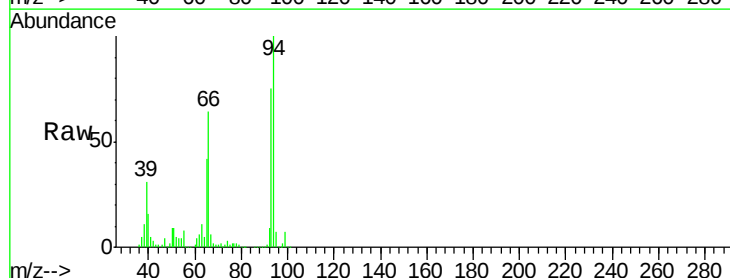
Tgt Ion: 93 Resp: 681042

Ion Ratio Lower Upper

93 100

66 85.7 32.2 48.2#

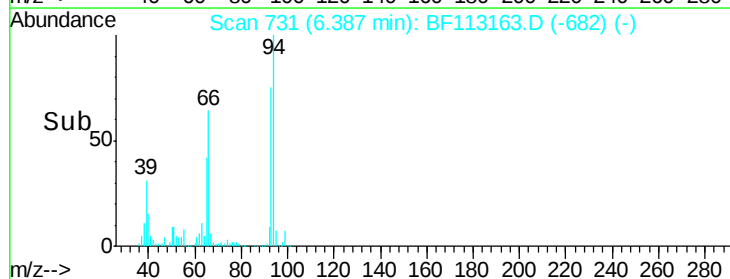
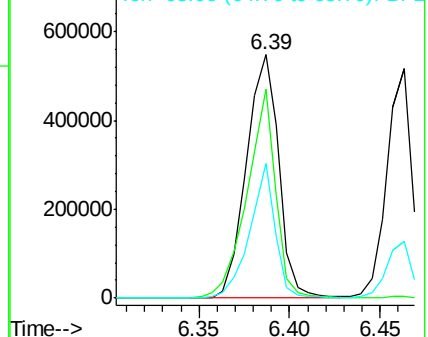
65 55.4 16.2 24.4#

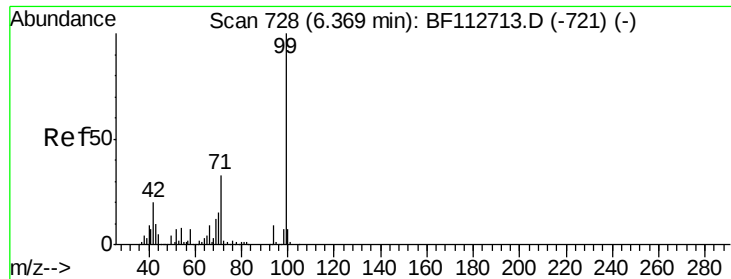


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.204 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampled :

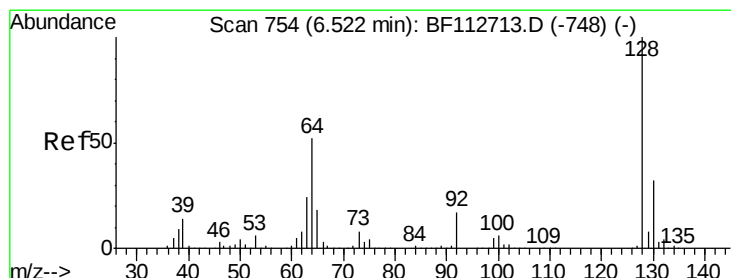
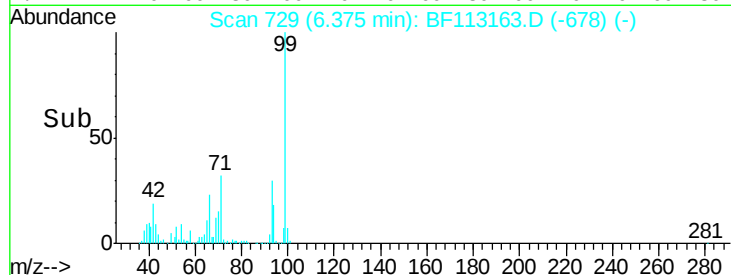
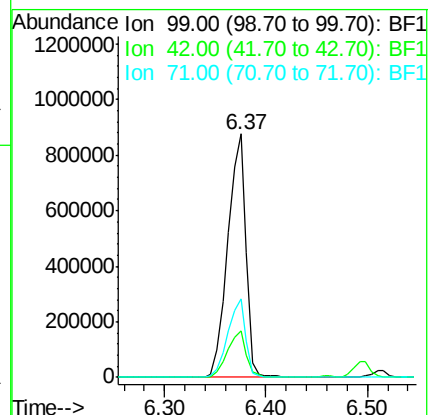
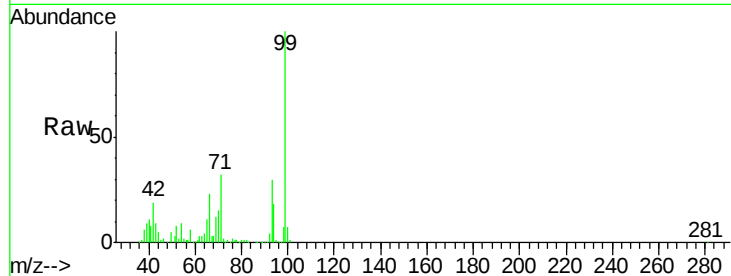
Tot Ion: 99 Resp: 1089000

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

71 32.1 26.2 39.4



#8

2-Chlorophenol

Concen: 39.842 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

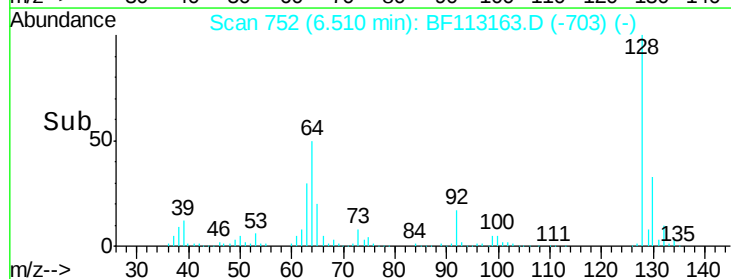
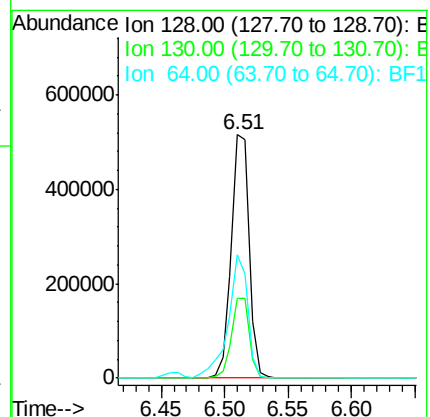
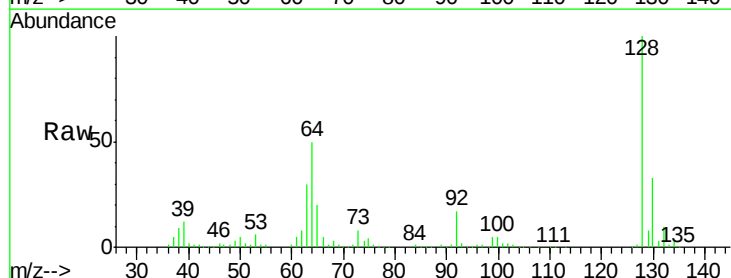
Tgt Ion: 128 Resp: 504554

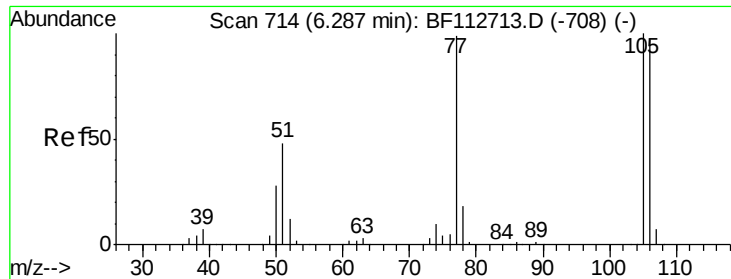
Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

64 50.5 32.2 72.2

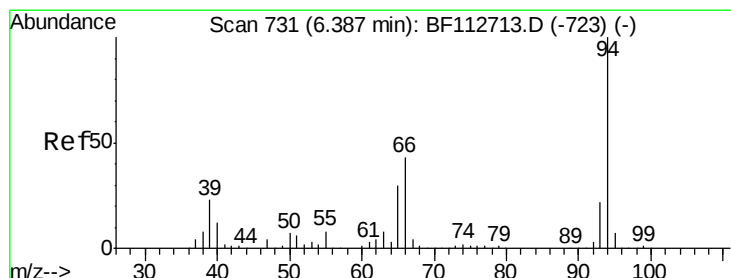
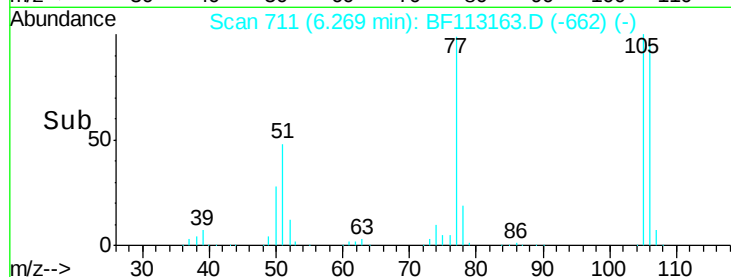
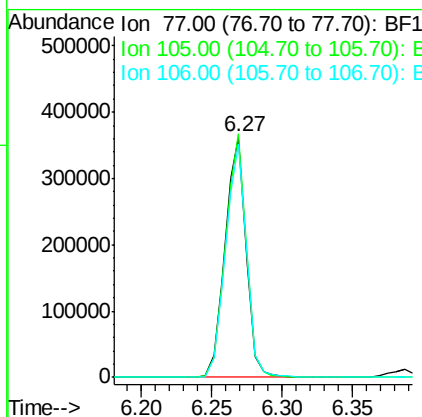
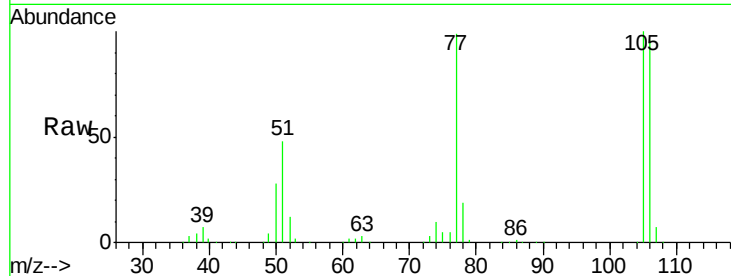




#9
Benzaldehyde
Concen: 36.385 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

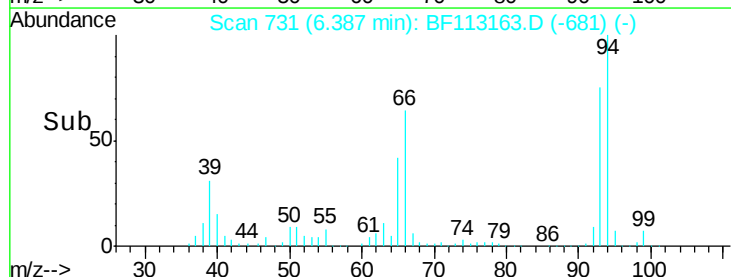
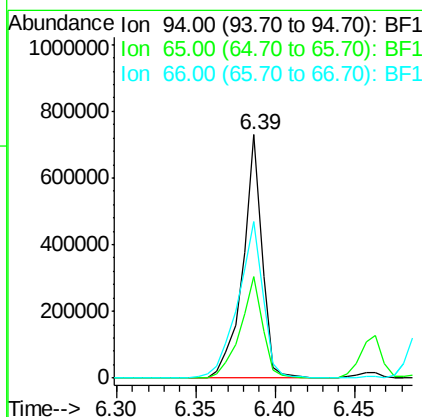
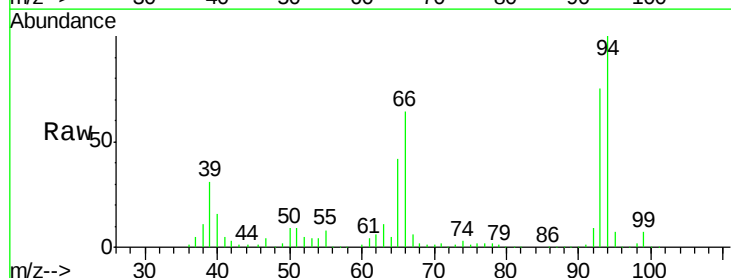
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 374659
Ion Ratio Lower Upper
77 100
105 101.4 81.4 121.4
106 97.1 78.3 118.3



#10
Phenol
Concen: 36.719 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion: 94 Resp: 612326
Ion Ratio Lower Upper
94 100
65 41.7 10.5 50.5
66 64.4 22.6 62.6#

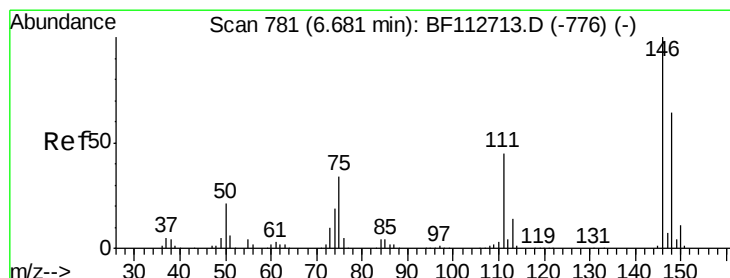
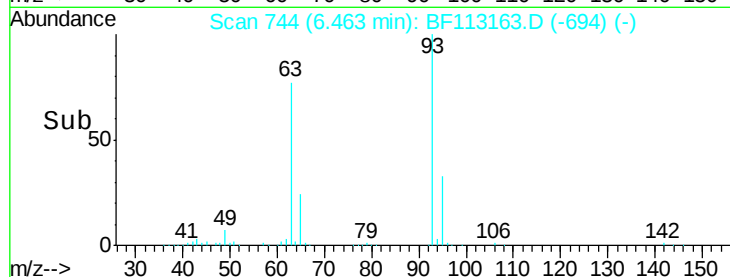
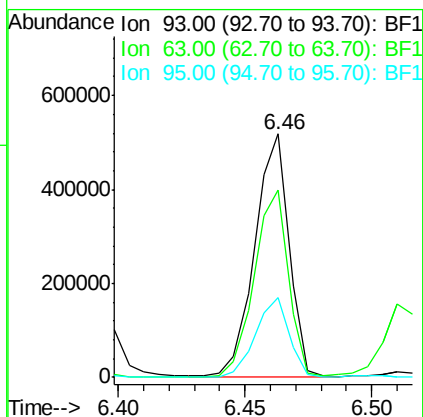
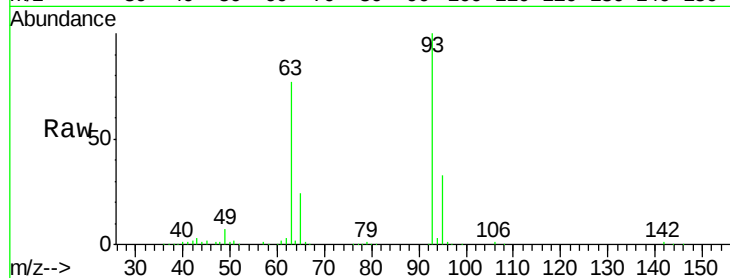




#11
bis(2-Chloroethyl)ether
Concen: 38.175 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

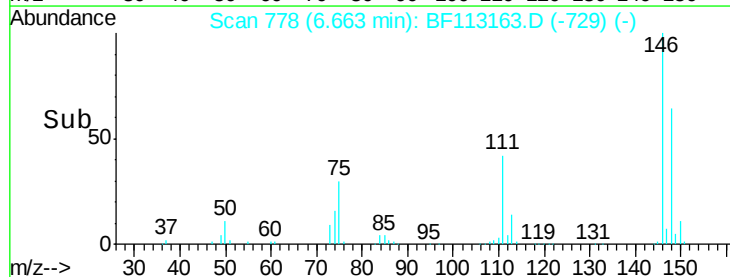
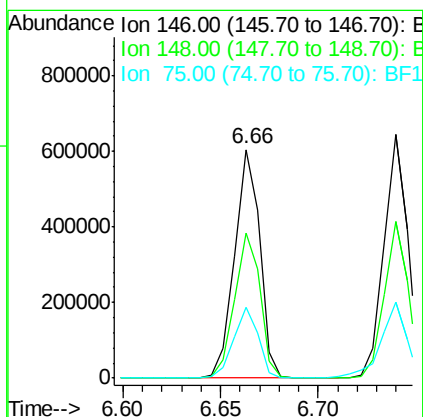
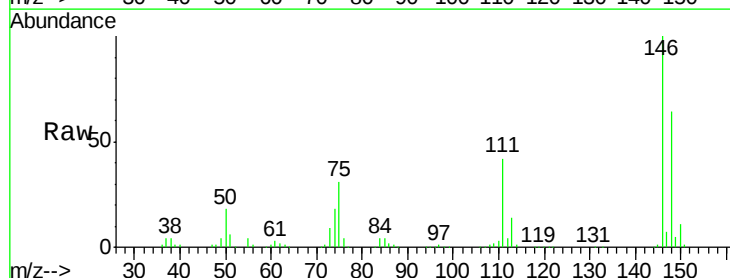
Instrument :
BNA_F
ClientSampleId :

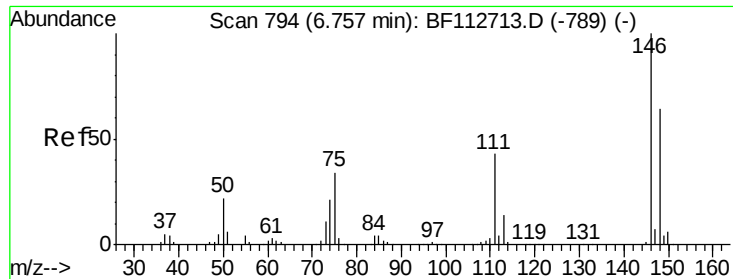
Tot Ion: 93 Resp: 488637
Ion Ratio Lower Upper
93 100
63 76.8 60.5 100.5
95 32.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.418 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion: 146 Resp: 541831
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 30.9 26.9 40.3

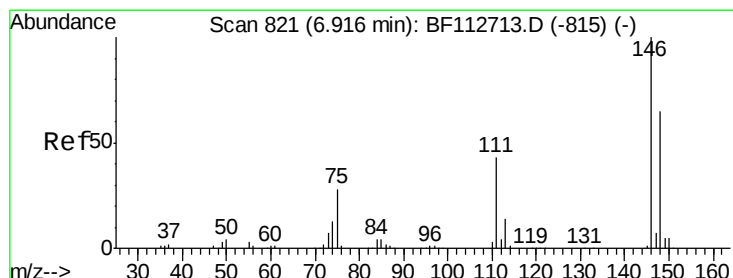
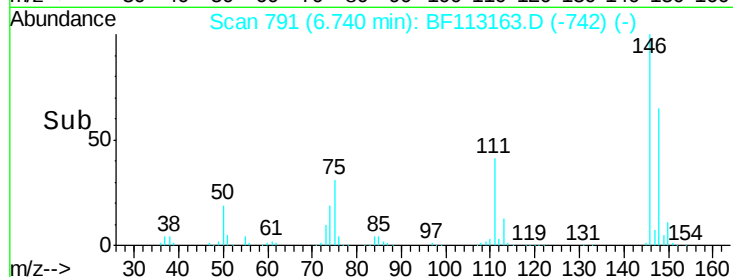
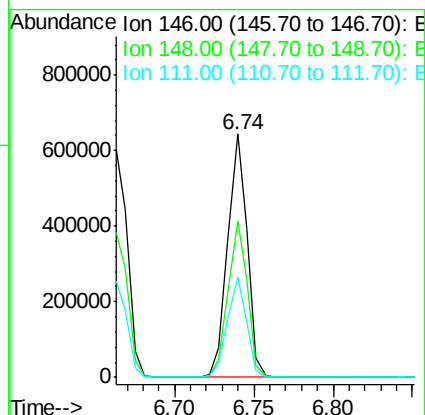
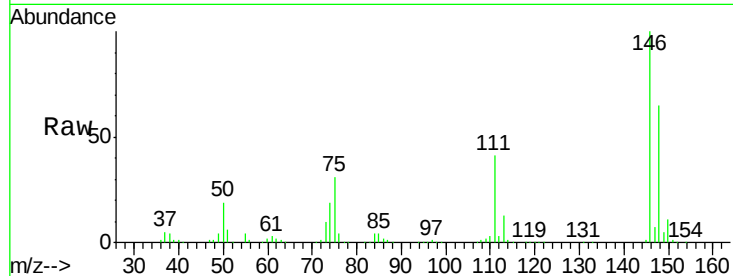




#13
 1,4-Dichlorobenzene
 Concen: 41.690 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

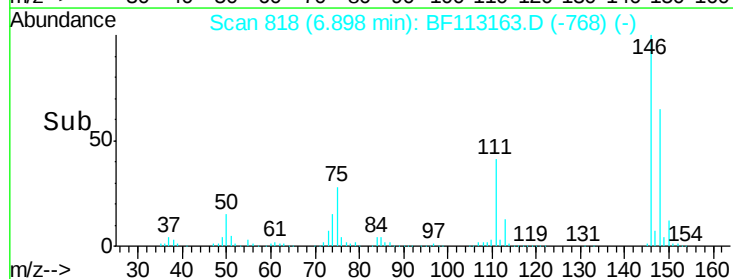
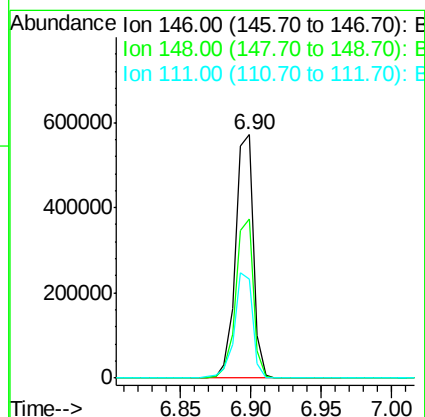
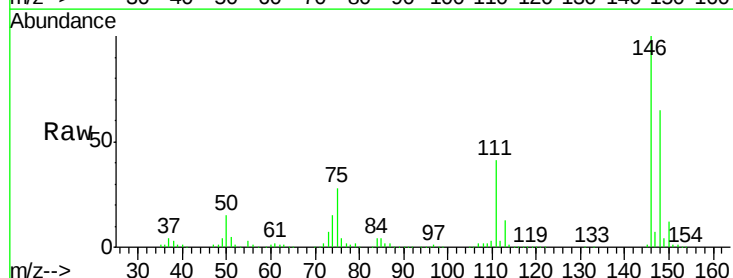
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 546951
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.4
 111 41.1 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 41.940 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

Tgt Ion:146 Resp: 504409
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.0 78.0
 111 40.8 34.8 52.2





#15

Benzyl Alcohol

Concen: 38.233 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampled :

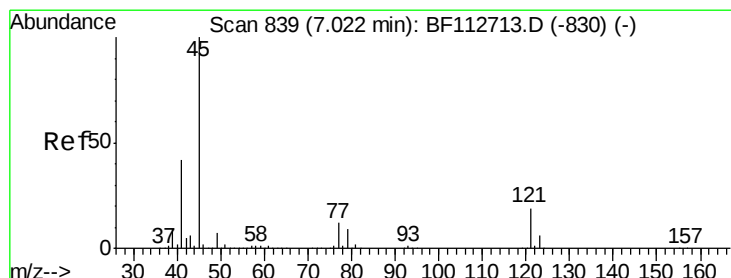
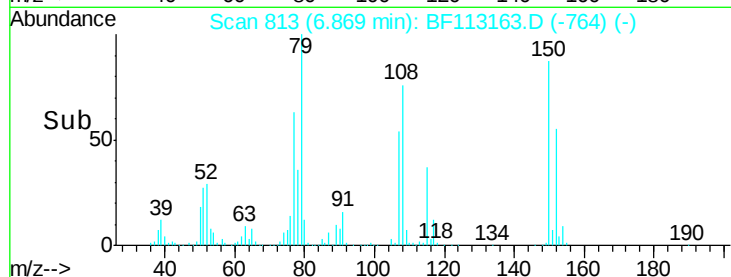
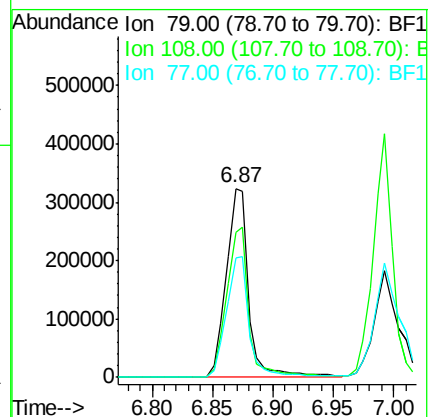
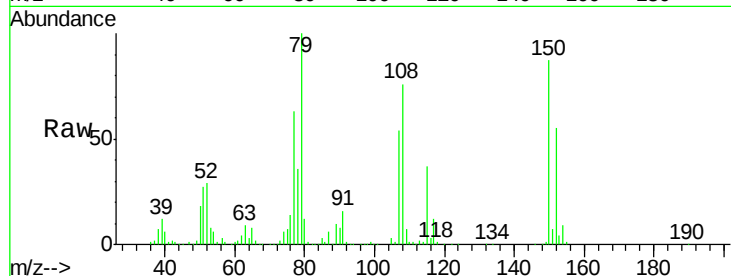
Tot Ion: 79 Resp: 416622

Ion Ratio Lower Upper

79 100

108 76.4 64.2 96.4

77 63.3 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.204 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

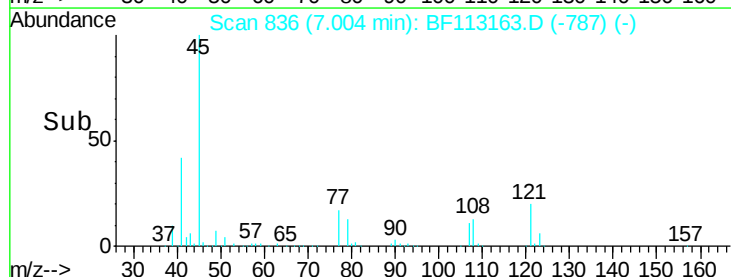
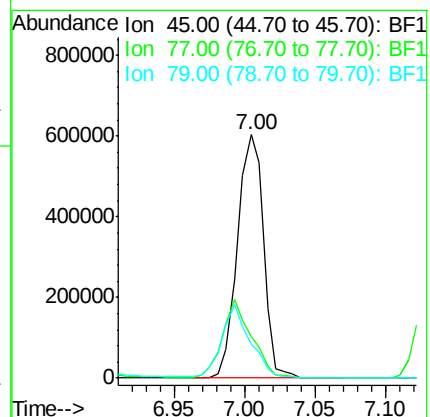
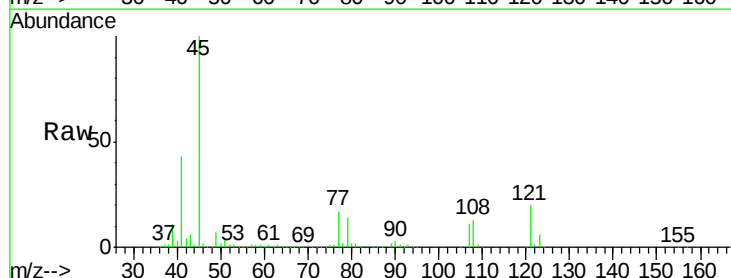
Tgt Ion: 45 Resp: 773344

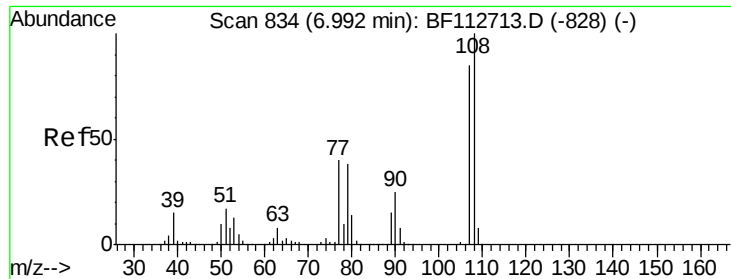
Ion Ratio Lower Upper

45 100

77 17.2 0.0 32.1

79 14.1 0.0 29.4

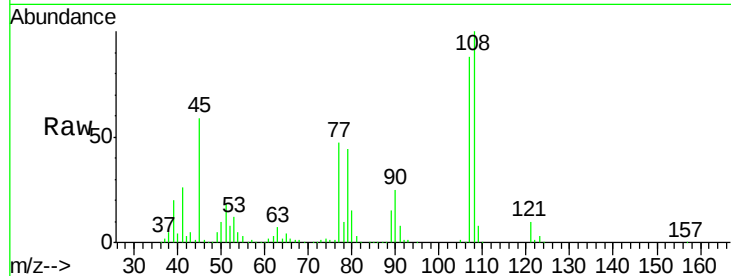




#17
2-Methylphenol
Concen: 39.489 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	94.6	142.0
77	53.2	37.8	56.8
79	49.8	36.2	54.2



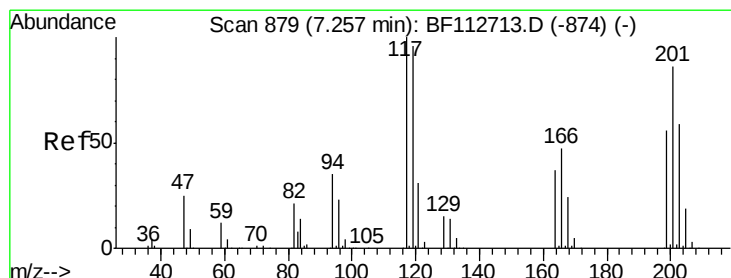
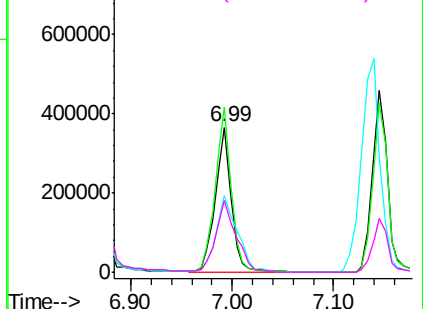
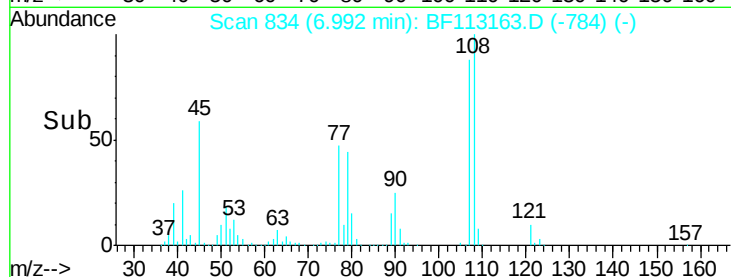
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

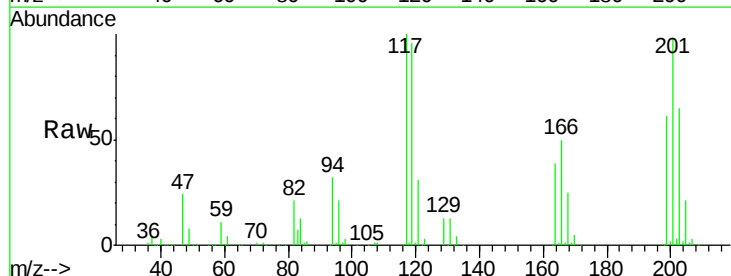
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.157 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	115.0
201	97.6	68.9	103.3

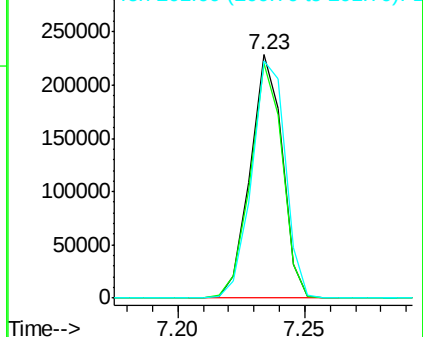
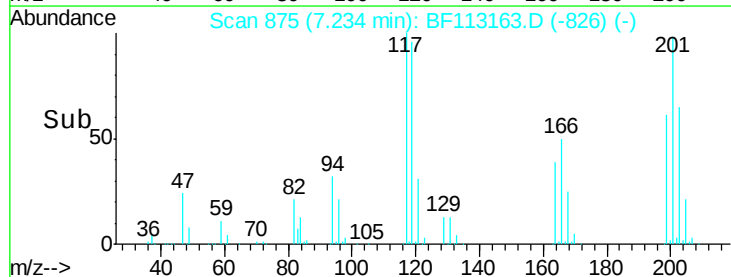


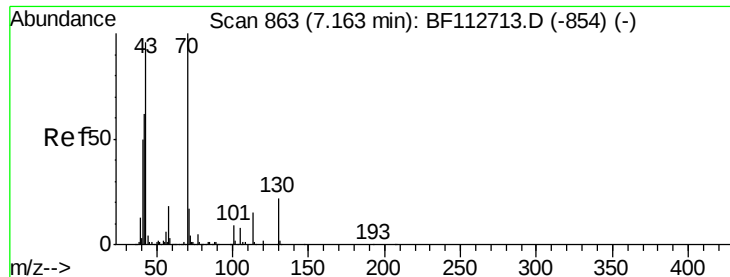
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

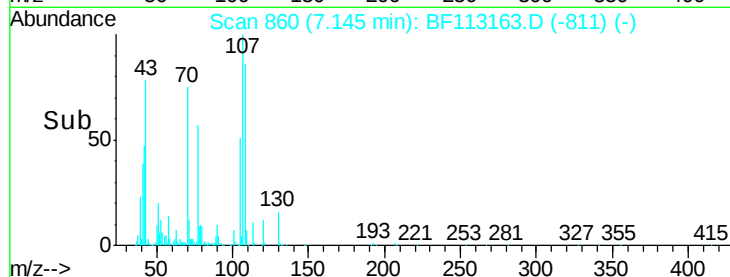
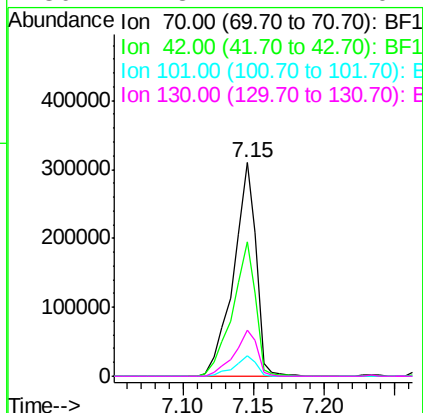
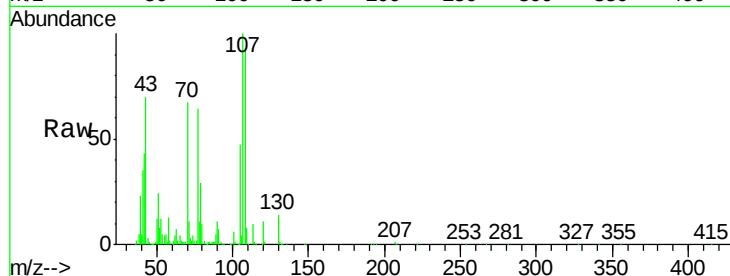




#19
n-Nitroso-di-n-propylamine
Concen: 38.098 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

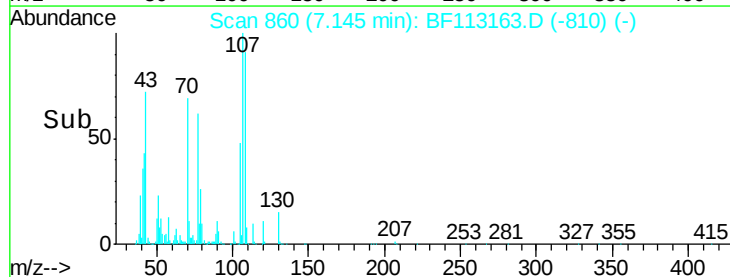
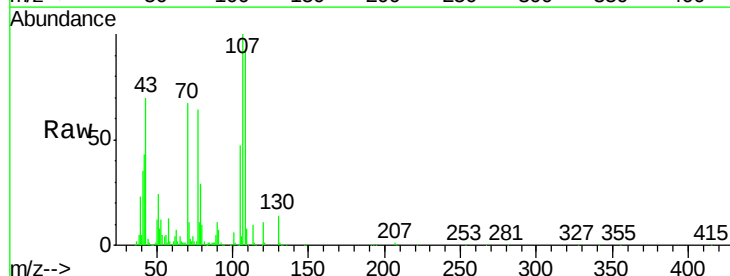
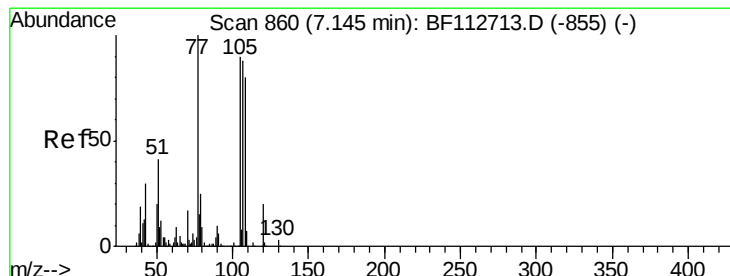
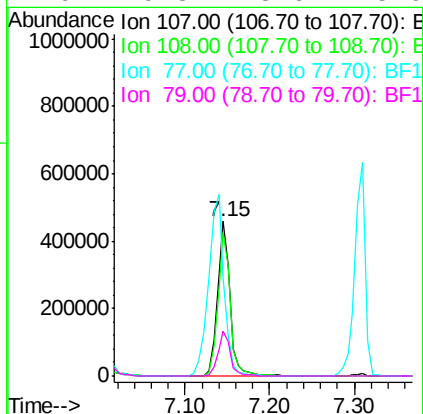
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 344816
Ion Ratio Lower Upper
70 100
42 63.0 49.9 74.9
101 9.4 7.4 11.2
130 21.3 17.4 26.2



#20
3+4-Methylphenols
Concen: 41.744 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion: 107 Resp: 484178
Ion Ratio Lower Upper
107 100
108 92.6 71.4 111.4
77 63.6 94.1 134.1#
79 29.3 8.6 48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 751813

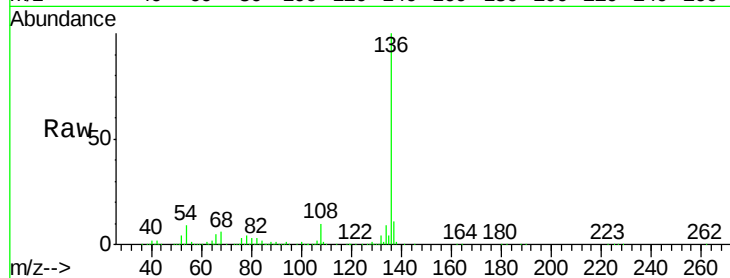
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.8 7.3 10.9

68 6.2 5.4 8.2

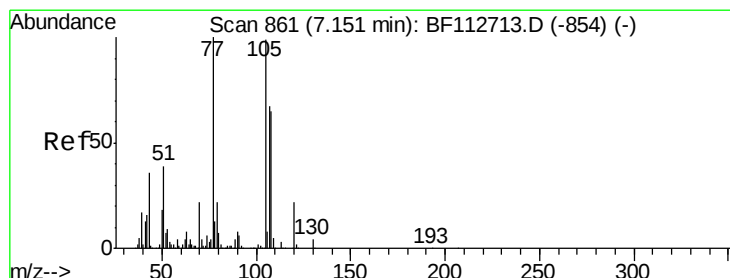
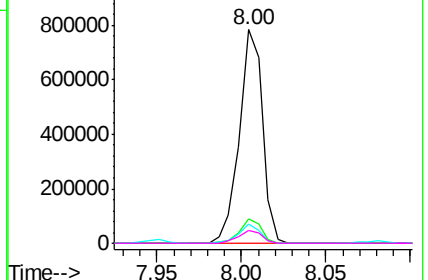
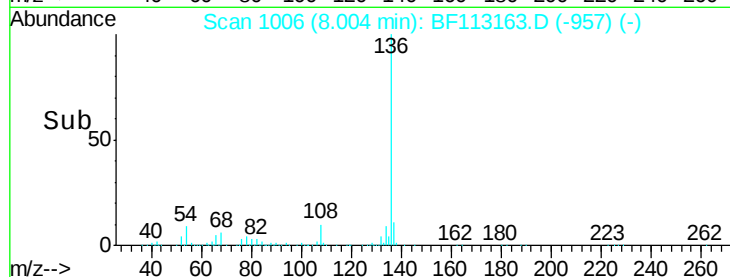


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.759 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Tgt Ion:105 Resp: 716515

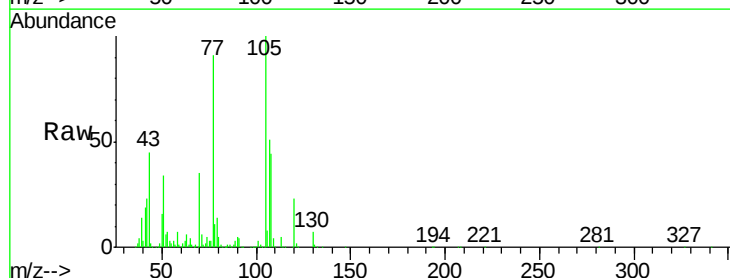
Ion Ratio Lower Upper

105 100

71 5.7 3.0 4.4#

51 34.2 31.5 47.3

120 22.8 18.1 27.1

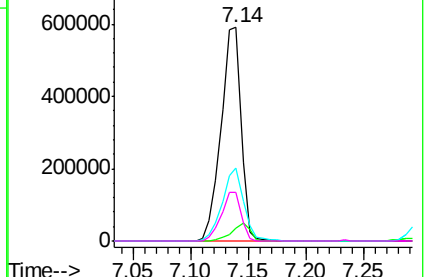
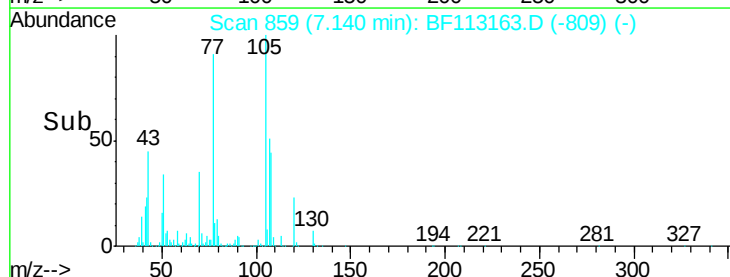


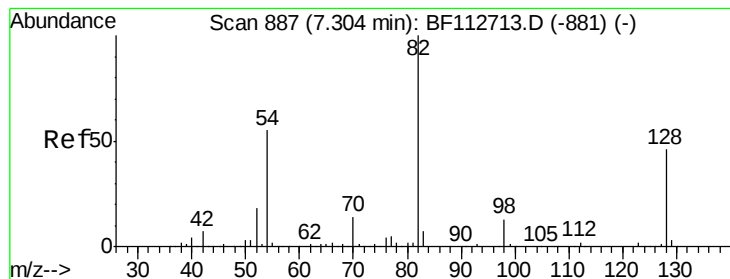
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.453 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampled :

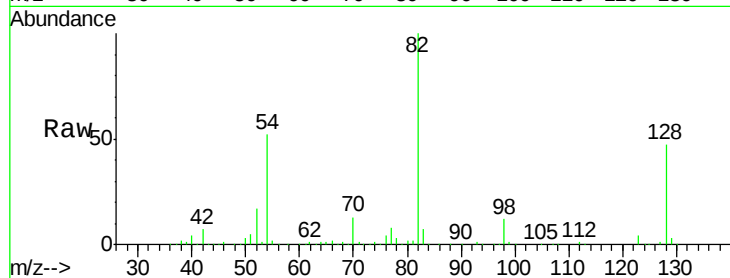
Tot Ion: 82 Resp: 1048518

Ion Ratio Lower Upper

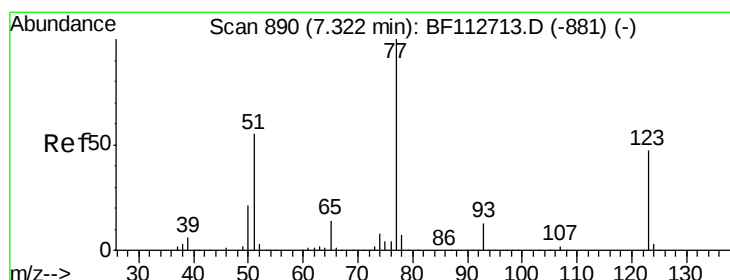
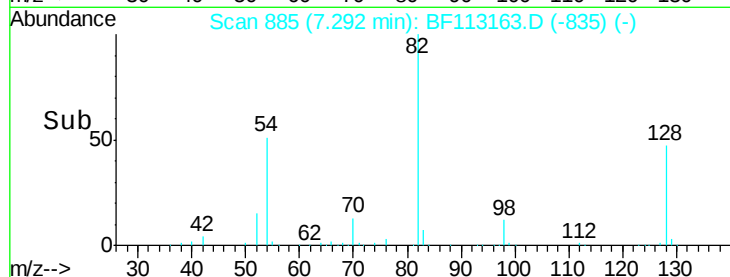
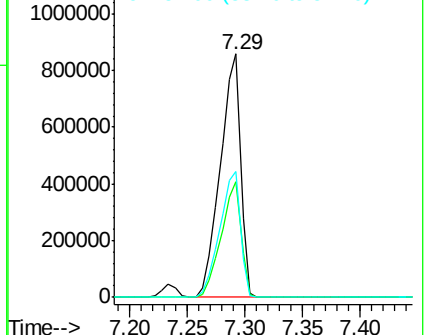
82 100

128 47.4 36.3 54.5

54 51.5 43.7 65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 38.876 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

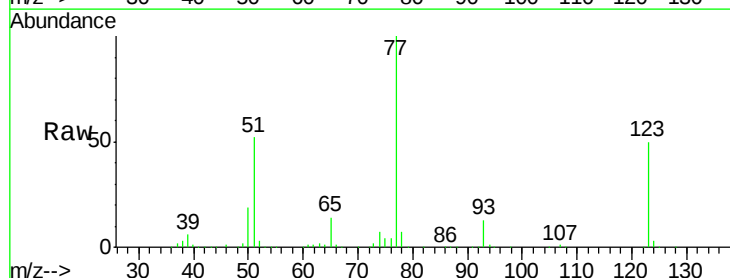
Tgt Ion: 77 Resp: 543643

Ion Ratio Lower Upper

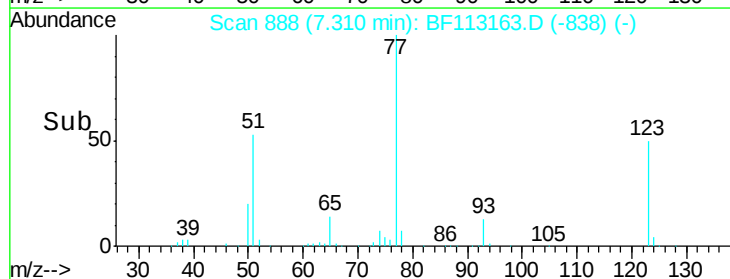
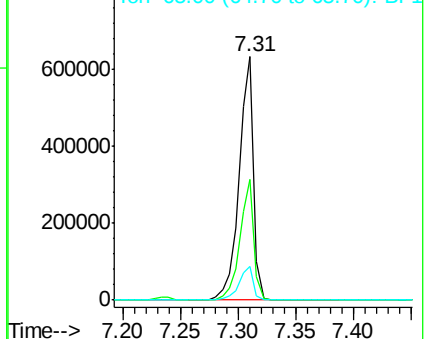
77 100

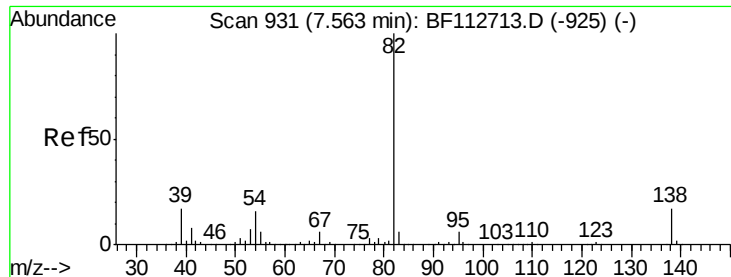
123 49.7 37.8 56.6

65 13.6 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.065 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampleId :

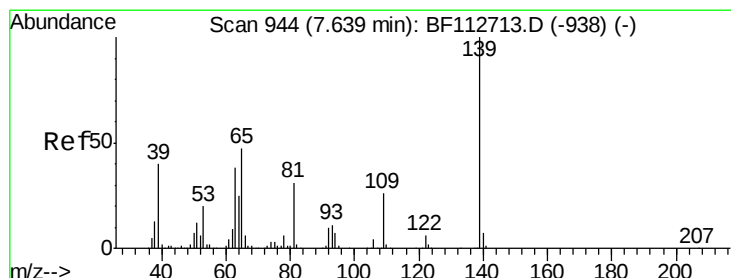
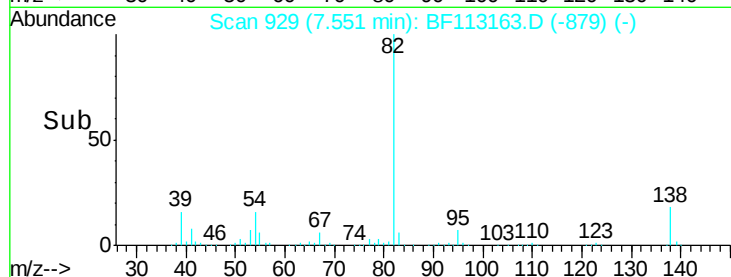
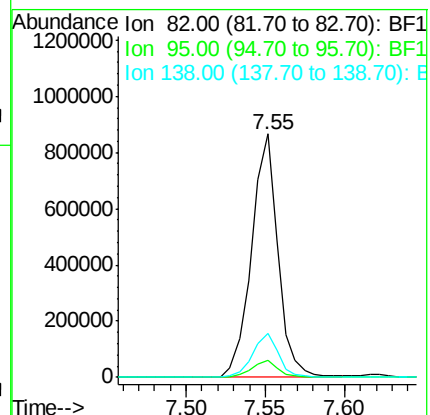
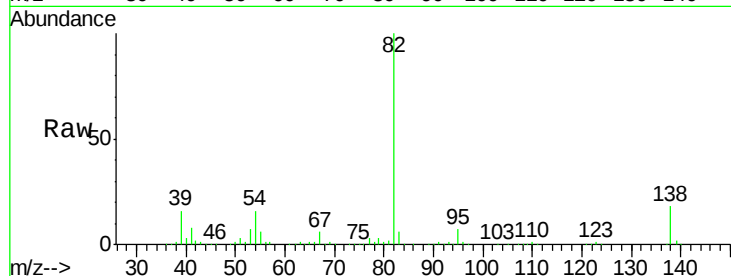
Tot Ion: 82 Resp: 1003271

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.1 13.8 20.8



#26

2-Nitrophenol

Concen: 52.064 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

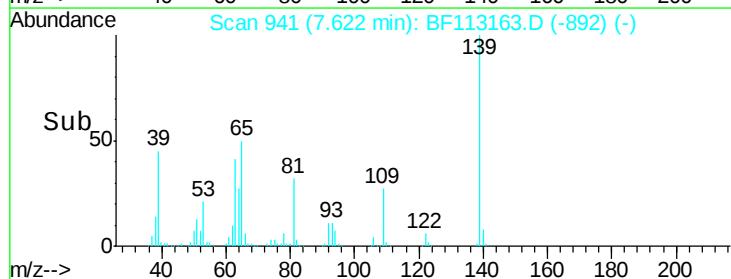
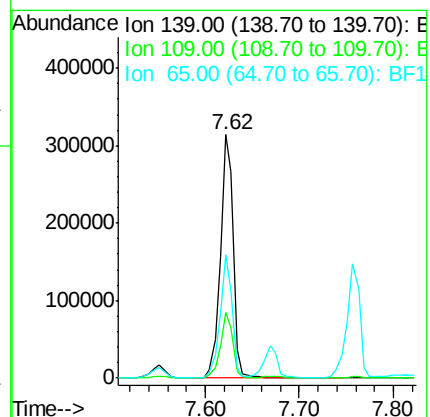
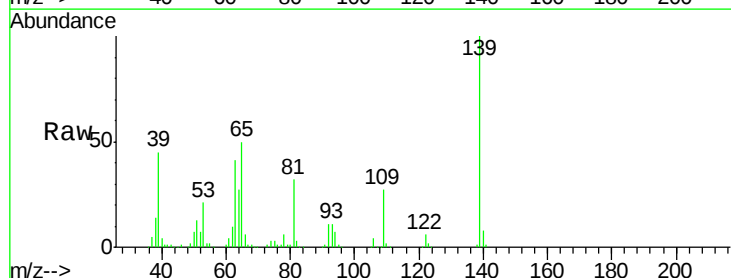
Tgt Ion: 139 Resp: 303077

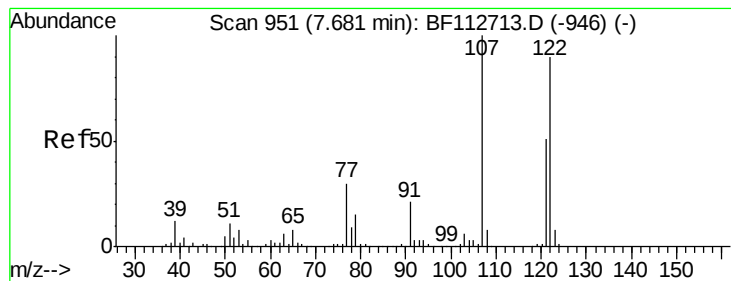
Ion Ratio Lower Upper

139 100

109 26.7 20.6 31.0

65 50.5 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 39.069 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampleId :

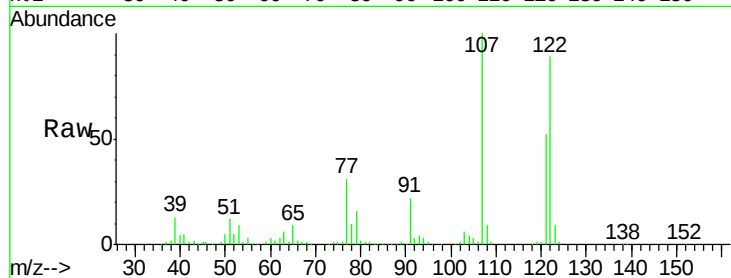
Tot Ion:122 Resp: 423106

Ion Ratio Lower Upper

122 100

107 113.0 89.4 134.0

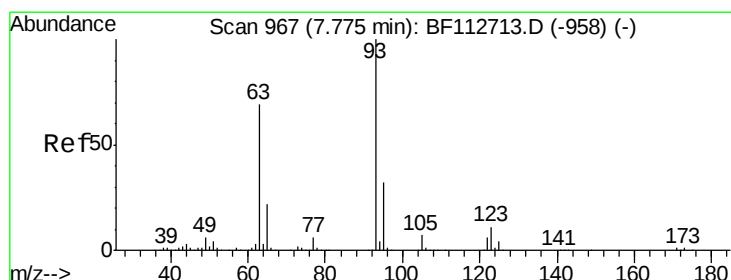
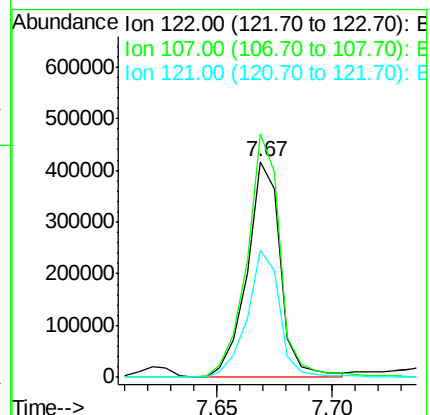
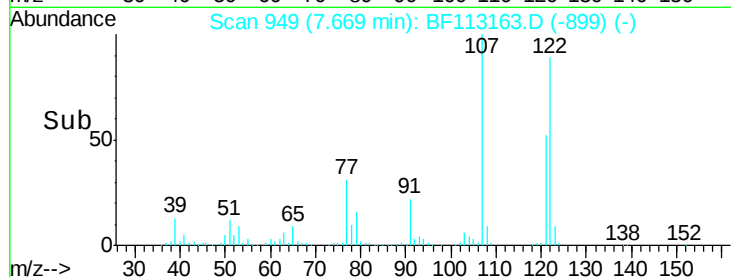
121 59.0 45.5 68.3



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: 38.578 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

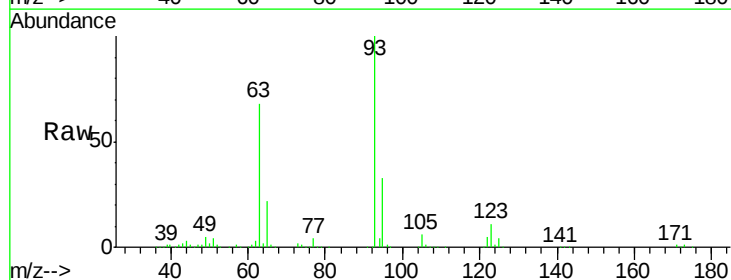
Tgt Ion: 93 Resp: 652852

Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

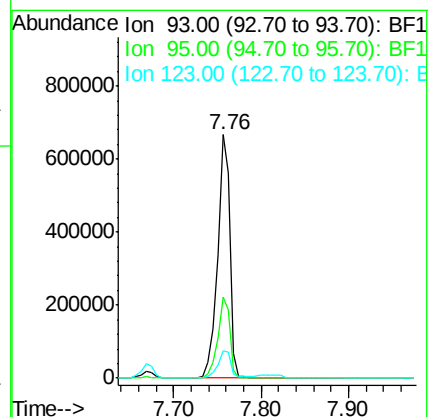
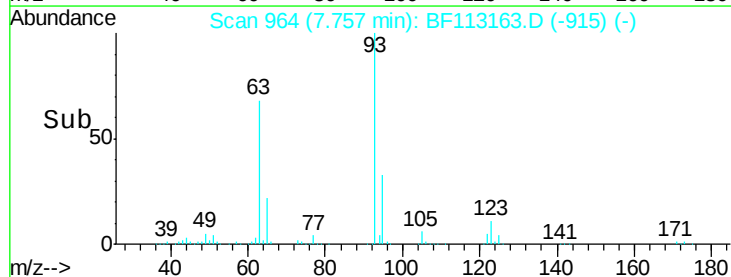
123 11.5 9.3 13.9

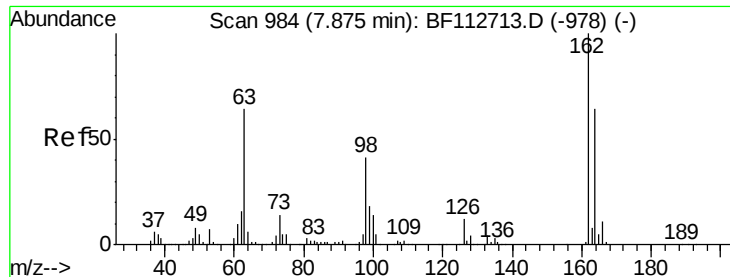


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

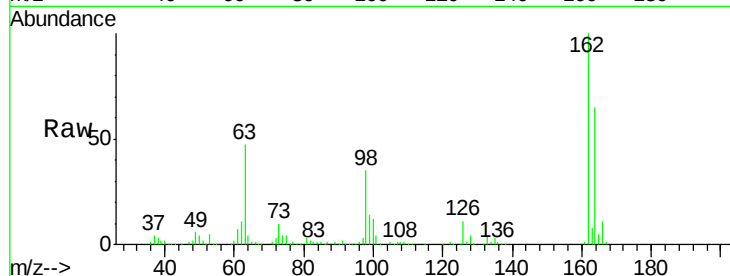




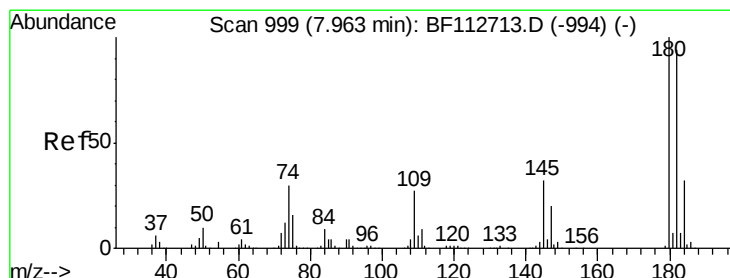
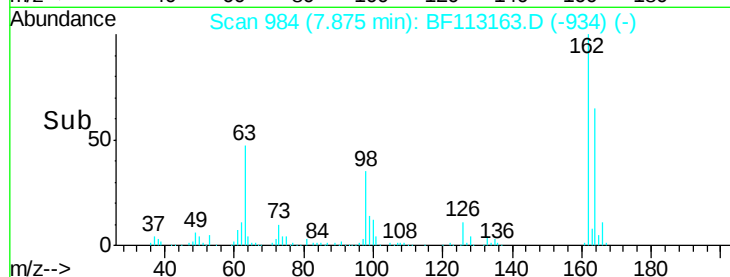
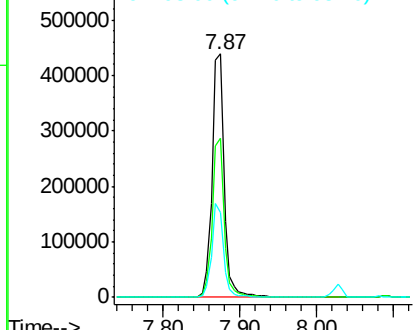
#29
2,4-Dichlorophenol
Concen: 44.766 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 470138
Ion Ratio Lower Upper
162 100
164 65.3 44.0 84.0
98 34.6 20.7 60.7

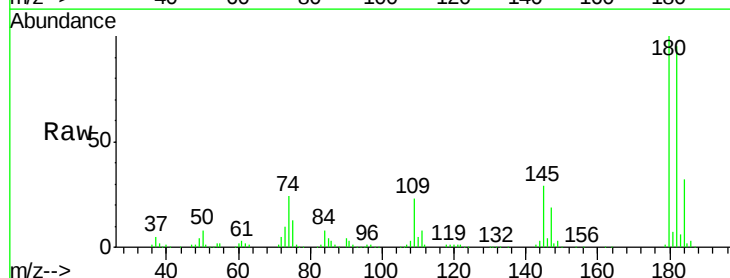


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

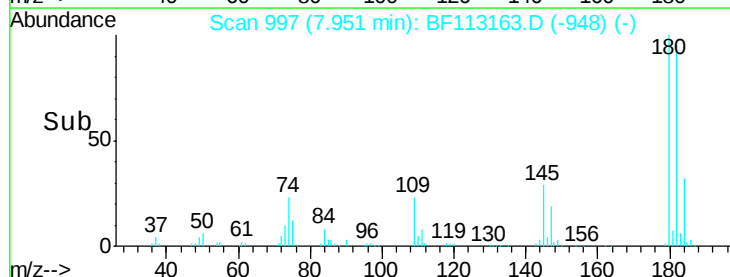
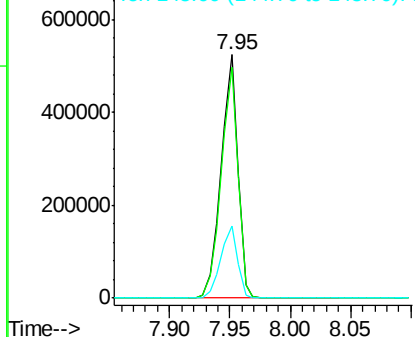


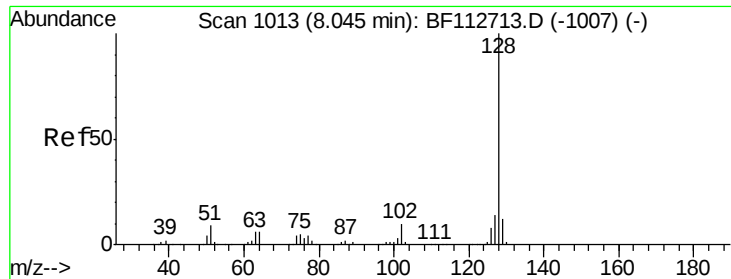
#30
1,2,4-Trichlorobenzene
Concen: 44.342 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion:180 Resp: 500377
Ion Ratio Lower Upper
180 100
182 94.9 75.2 112.8
145 29.4 25.4 38.0



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

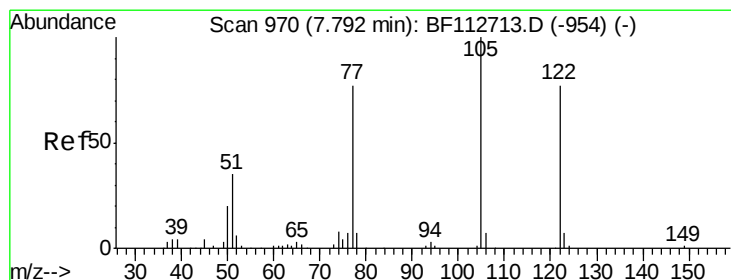
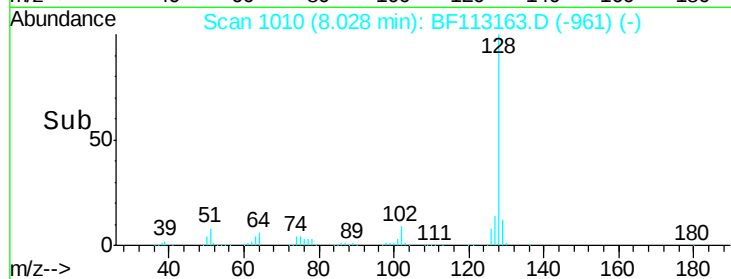
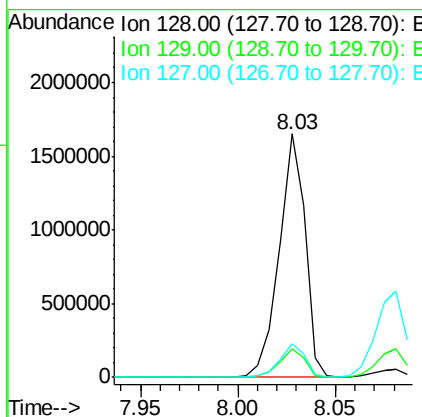
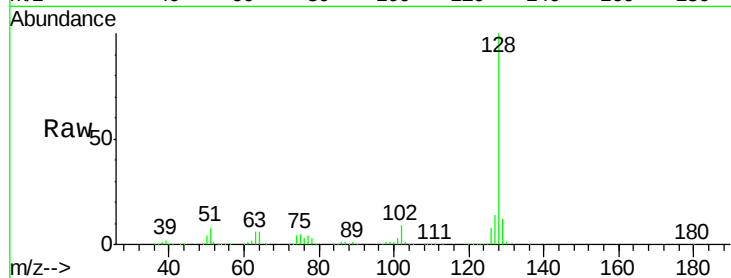




#31
Naphthalene
Concen: 40.774 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

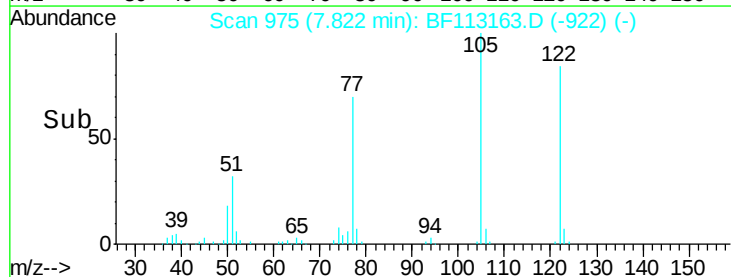
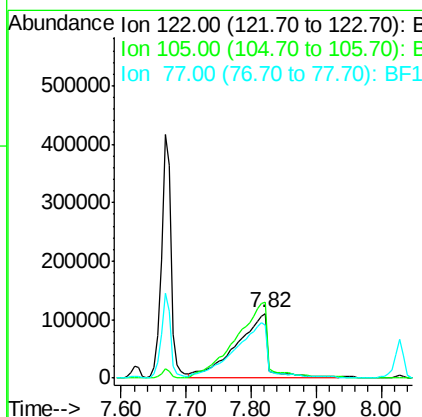
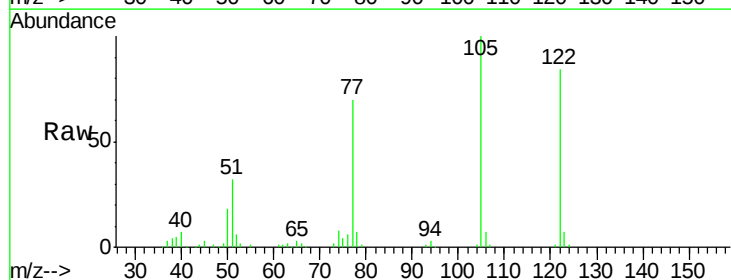
Instrument :
BNA_F
ClientSampleId :

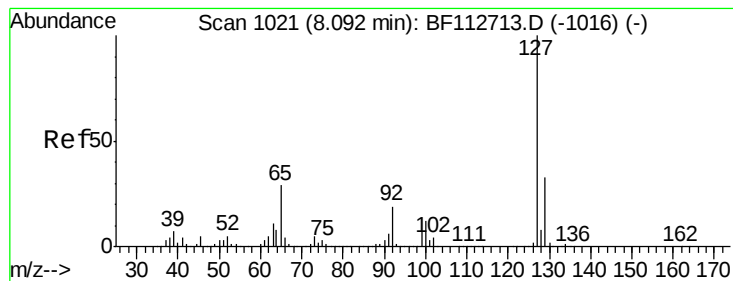
Tot Ion:128 Resp: 1521935
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 48.810 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion:122 Resp: 370489
Ion Ratio Lower Upper
122 100
105 118.4 106.8 146.8
77 82.9 79.4 119.4





#33

4-Chloroaniline

Concen: 40.984 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 647934

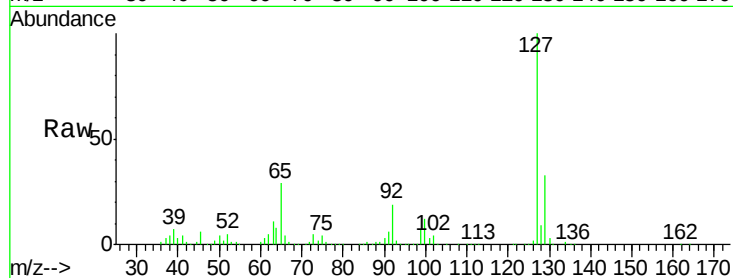
Ion Ratio Lower Upper

127 100

129 32.6 26.4 39.6

65 29.3 23.1 34.7

92 19.0 14.9 22.3

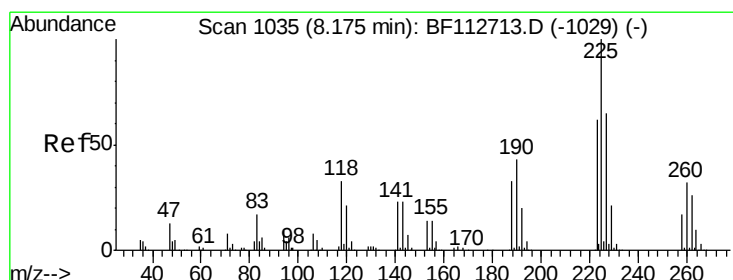
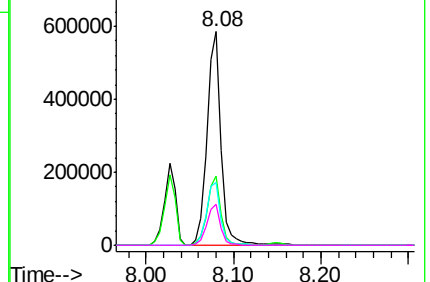
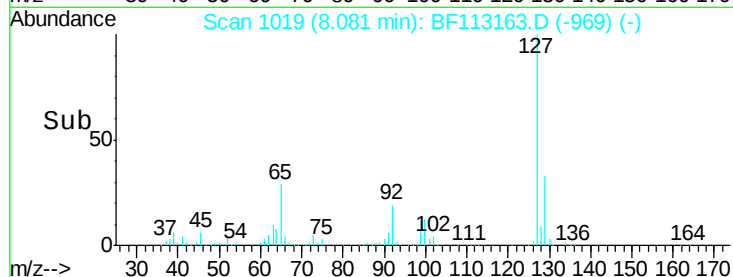


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 47.325 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

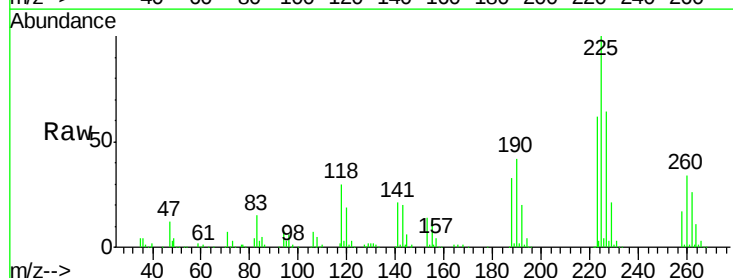
Tgt Ion:225 Resp: 301180

Ion Ratio Lower Upper

225 100

223 62.4 49.7 74.5

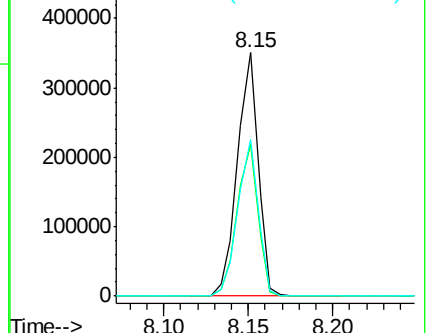
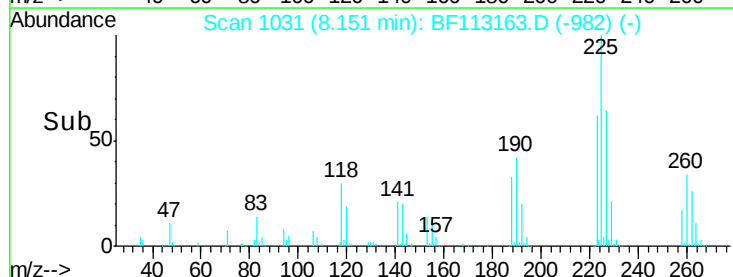
227 64.3 52.1 78.1

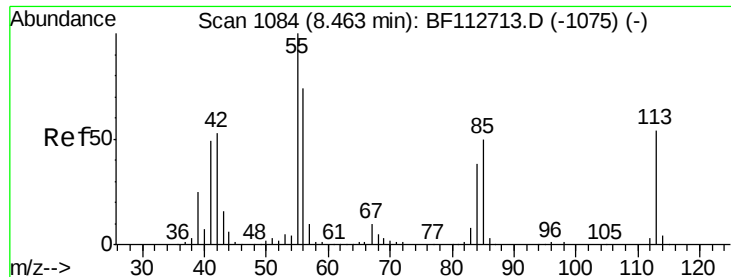


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.589 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampled :

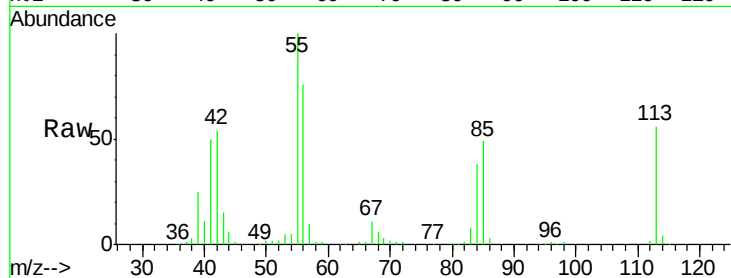
Tot Ion:113 Resp: 150136

Ion Ratio Lower Upper

113 100

55 179.2 163.5 203.5

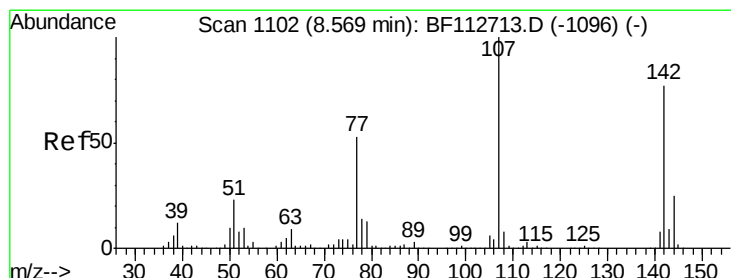
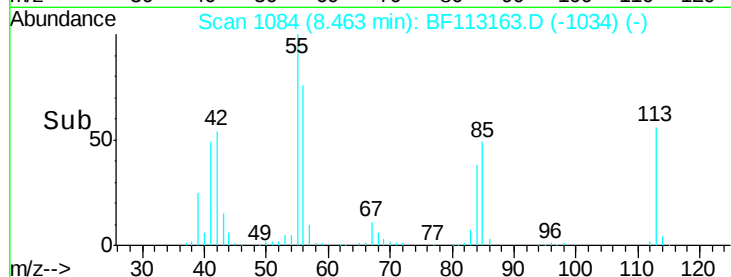
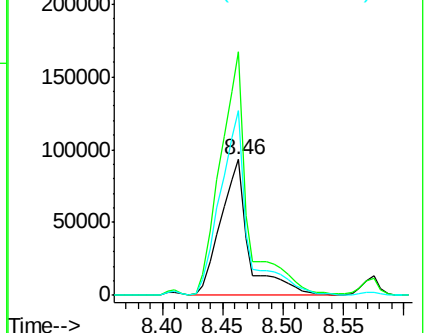
56 135.8 115.3 155.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.912 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

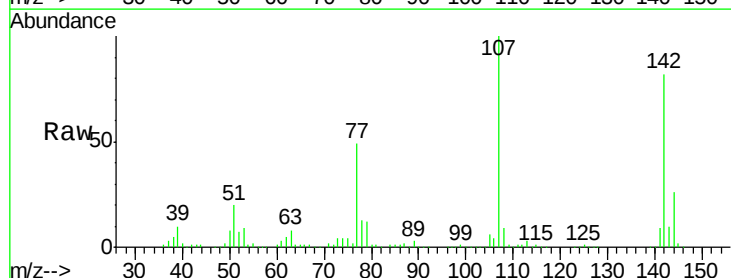
Tgt Ion:107 Resp: 475508

Ion Ratio Lower Upper

107 100

144 26.4 20.1 30.1

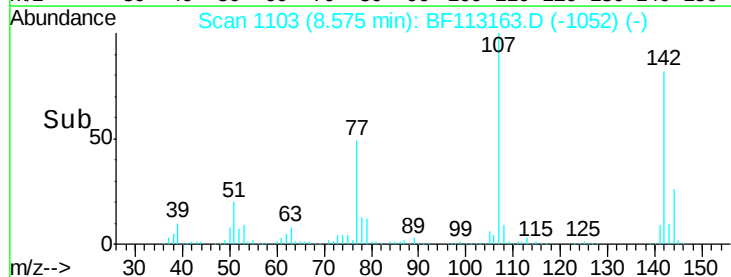
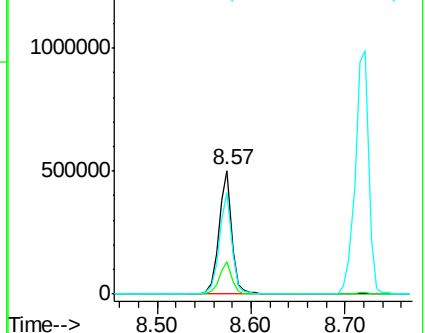
142 82.3 61.9 92.9

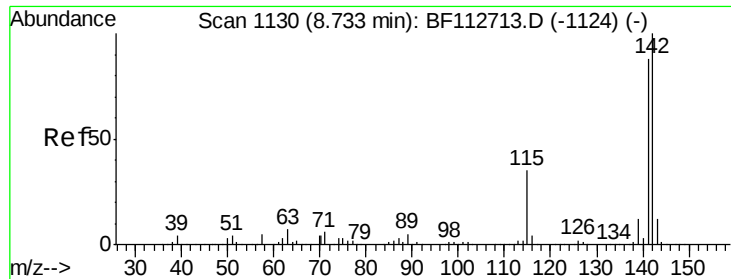


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

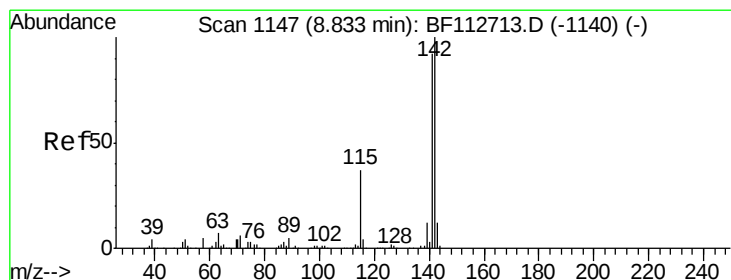
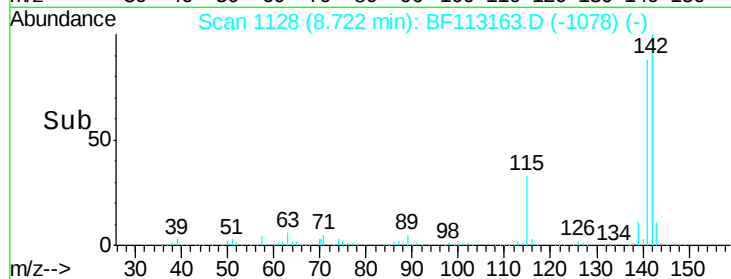
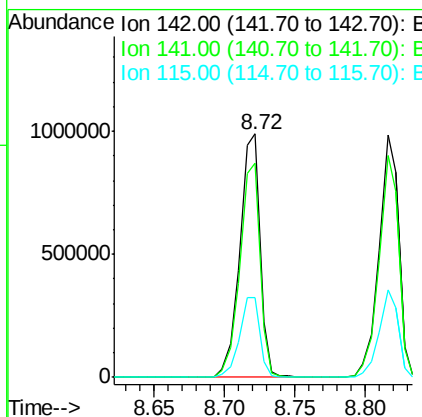
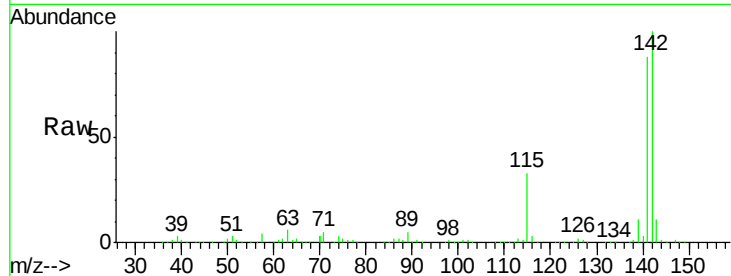




#37
2-Methylnaphthalene
Concen: 41.176 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

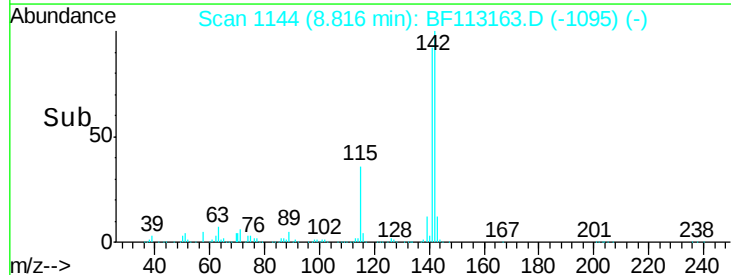
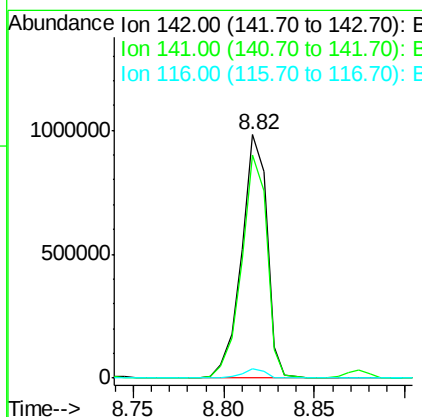
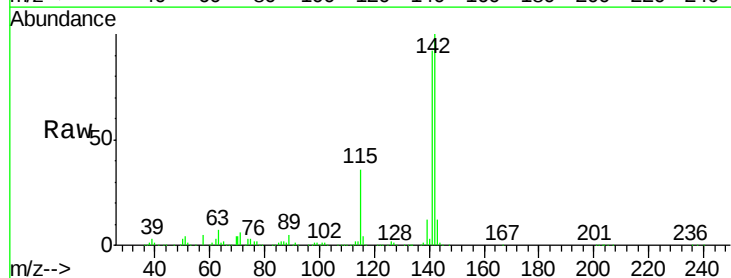
Instrument :
BNA_F
ClientSampleId :

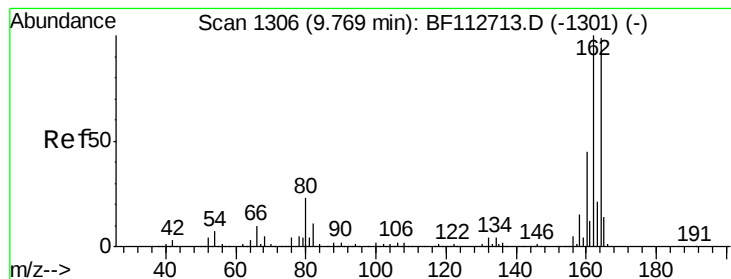
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	32.9	27.8	41.6



#38
1-Methylnaphthalene
Concen: 40.850 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.7	110.5
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampled :

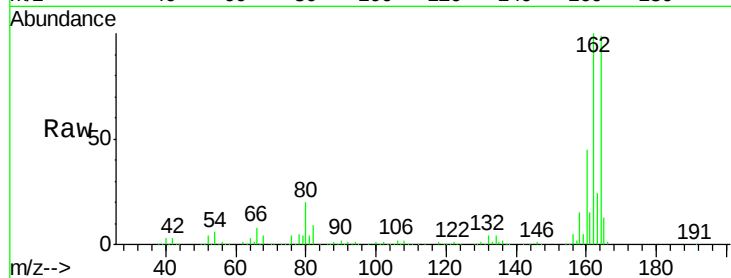
Tot Ion:164 Resp: 347286

Ion Ratio Lower Upper

164 100

162 101.0 80.6 120.8

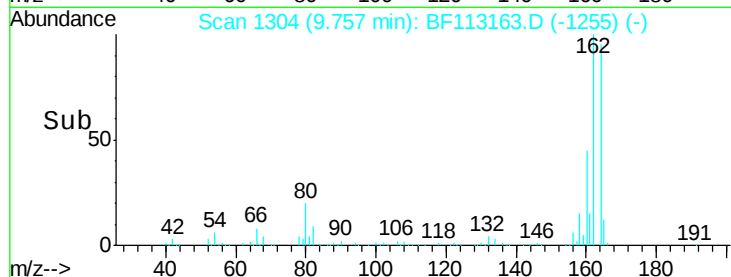
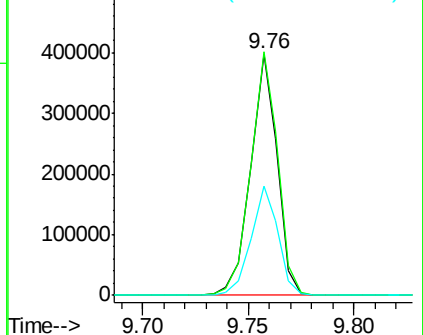
160 45.2 36.0 54.0



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: 48.451 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Tgt Ion:216 Resp: 490672

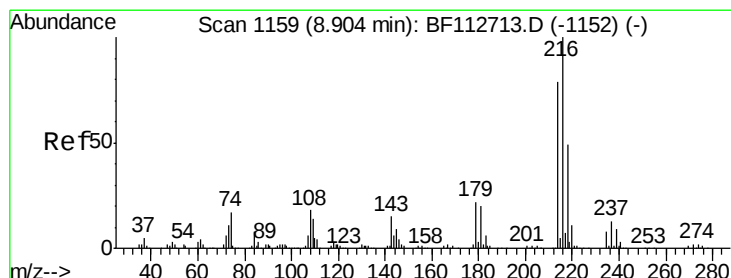
Ion Ratio Lower Upper

216 100

214 79.0 63.2 94.8

179 20.7 17.5 26.3

108 17.7 16.7 25.1

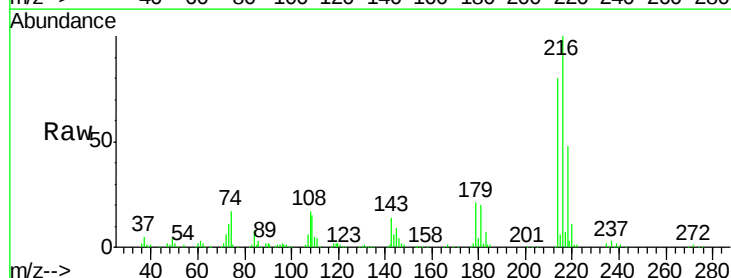
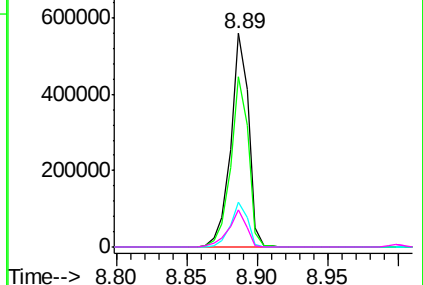


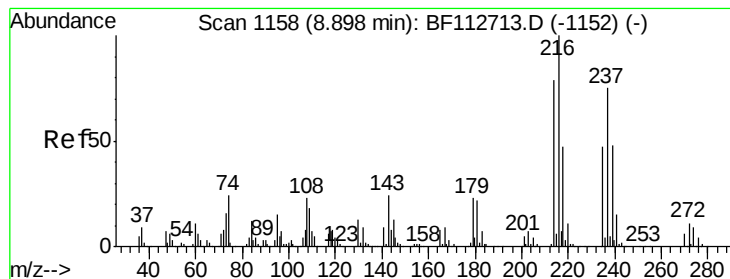
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 42.457 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampleId :

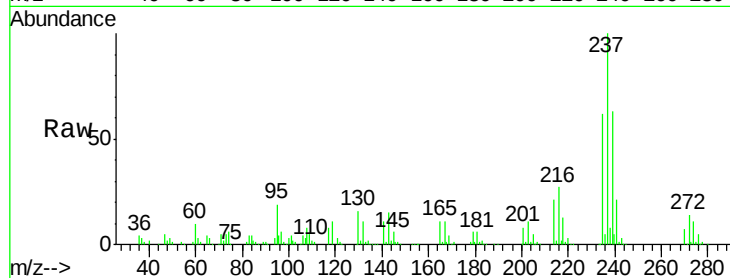
Tot Ion:237 Resp: 235450

Ion Ratio Lower Upper

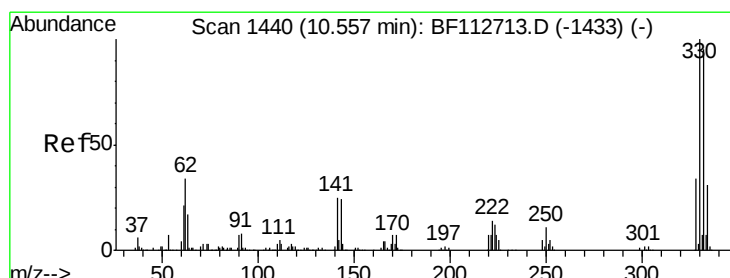
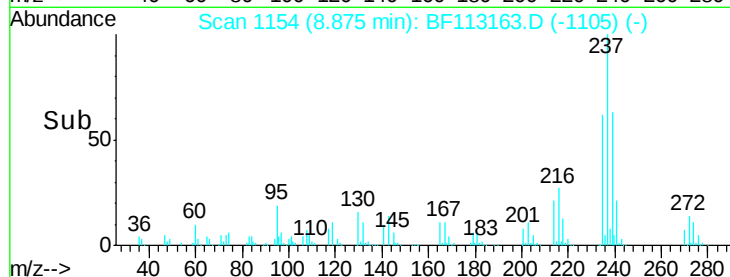
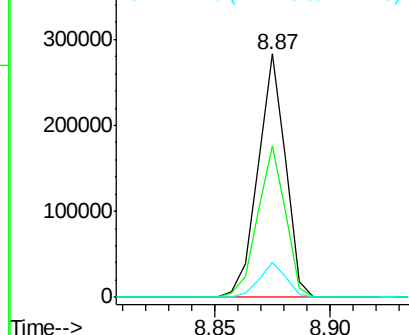
237 100

235 62.5 42.2 82.2

272 14.4 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 94.023 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

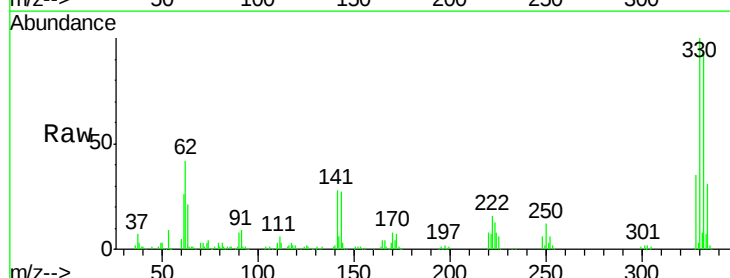
Tgt Ion:330 Resp: 346650

Ion Ratio Lower Upper

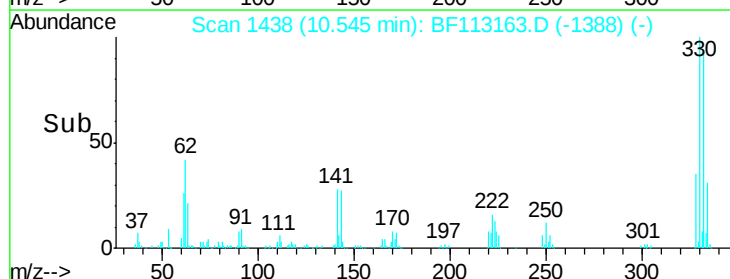
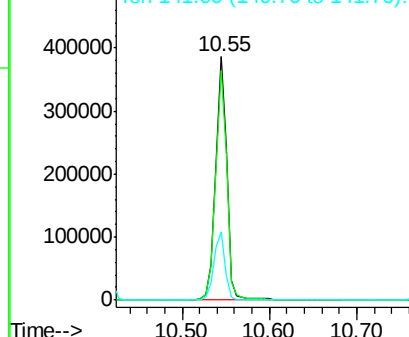
330 100

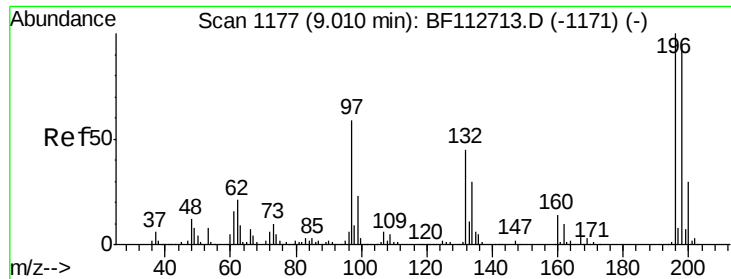
332 95.4 76.2 114.4

141 27.9 27.0 40.6



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

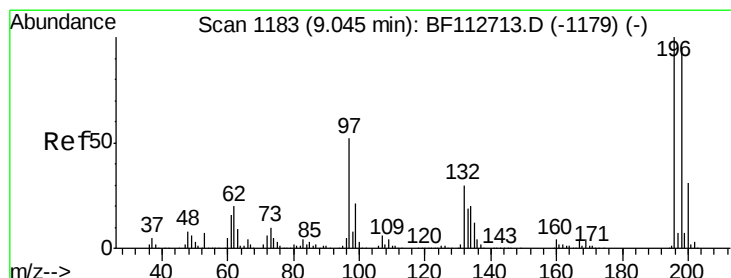
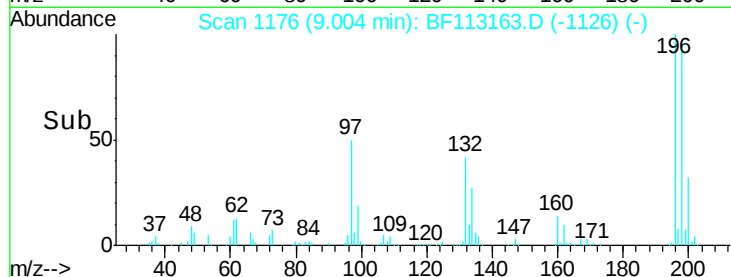
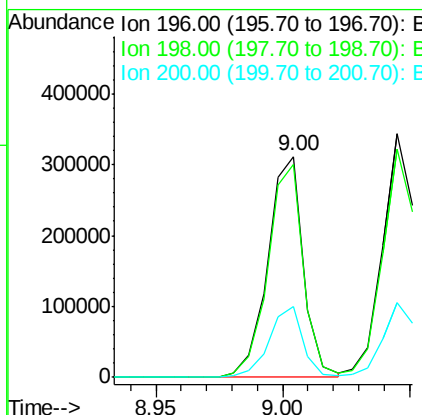
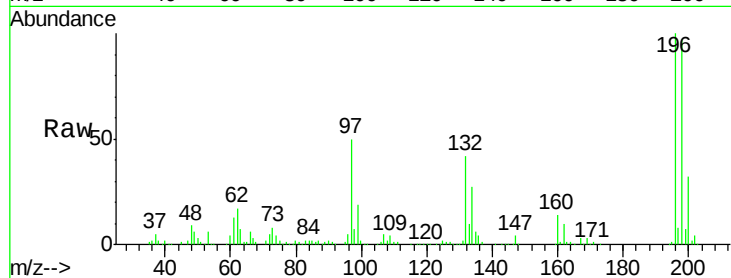




#43
 2,4,6-Trichlorophenol
 Concen: 43.888 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

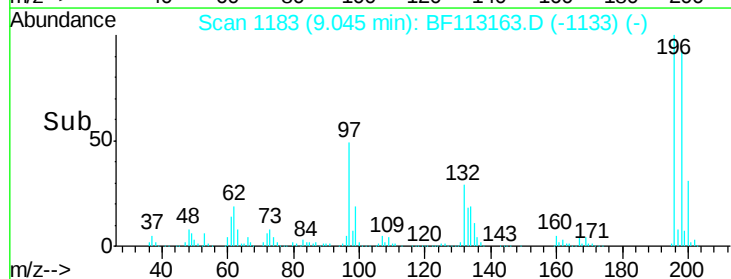
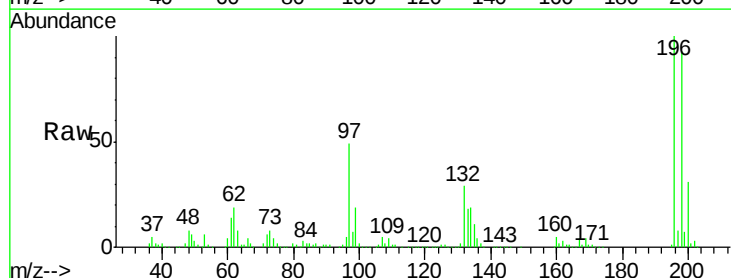
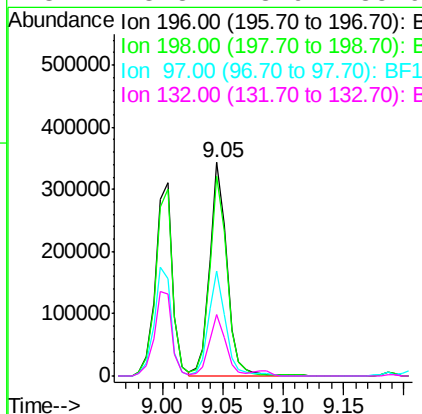
Instrument :
 BNA_F
 ClientSampleId :

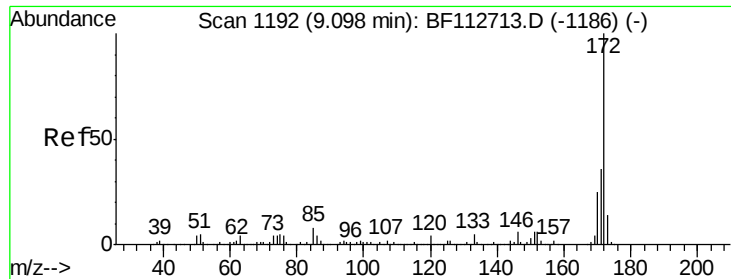
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.8	113.8
200	32.3	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.529 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.2	114.2
97	49.1	41.5	62.3
132	28.8	23.9	35.9

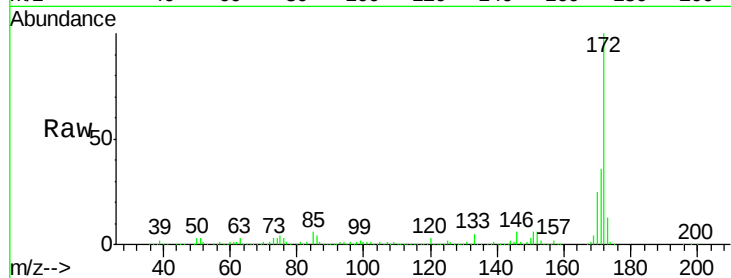




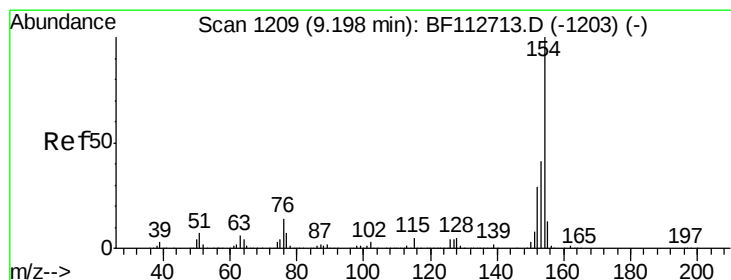
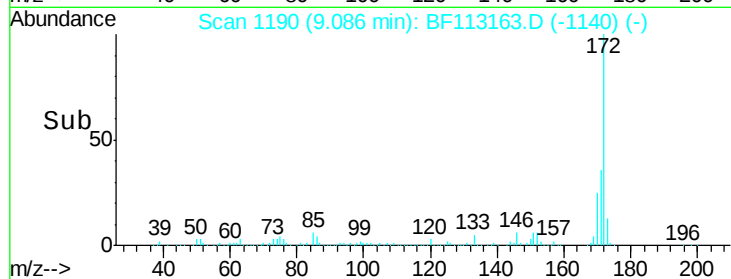
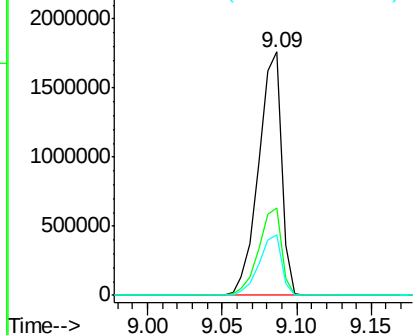
#45
2-Fluorobiphenyl
Concen: 90.292 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1861483
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 25.1 20.0 30.0

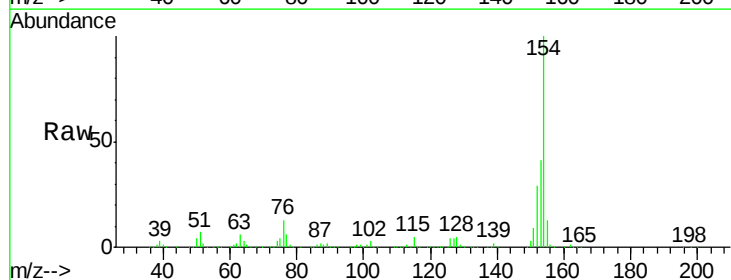


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

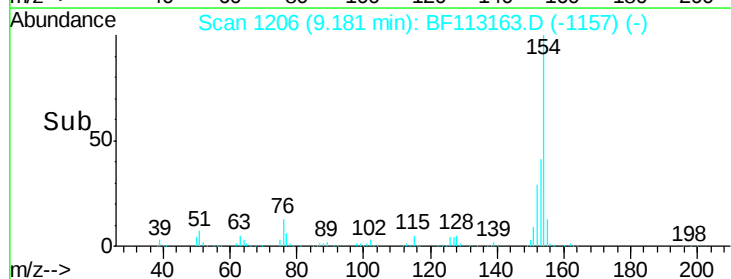
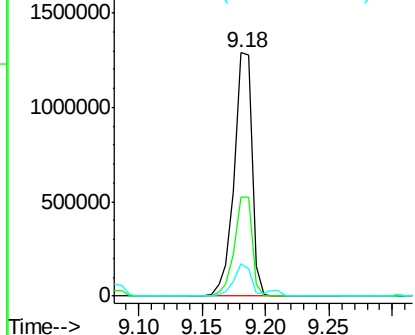


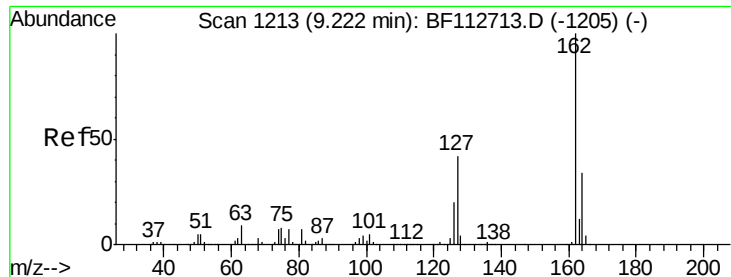
#46
1,1'-Biphenyl
Concen: 44.005 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion:154 Resp: 1246523
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 13.5 0.0 33.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

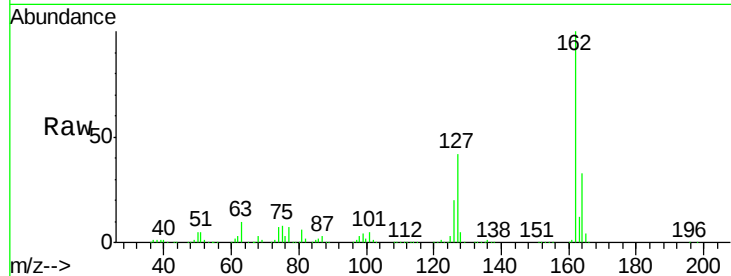




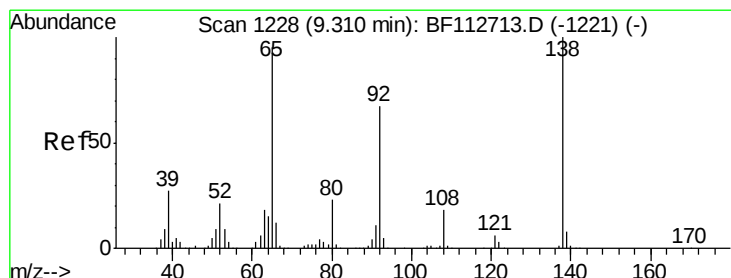
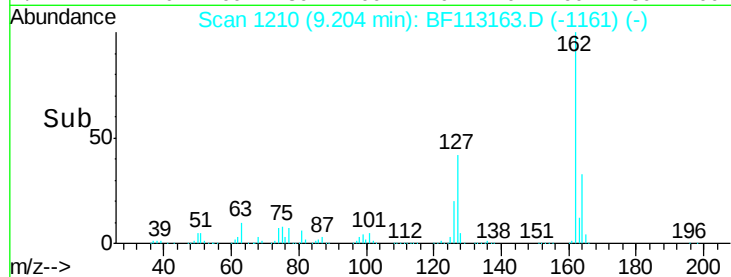
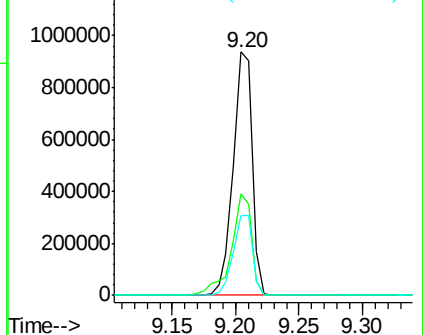
#47
2-Chloronaphthalene
Concen: 43.579 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.4	50.2
164	32.7	26.9	40.3

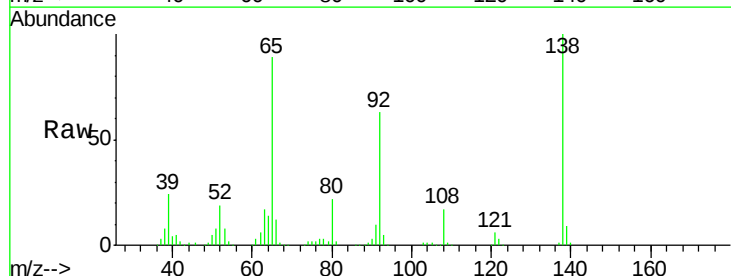


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

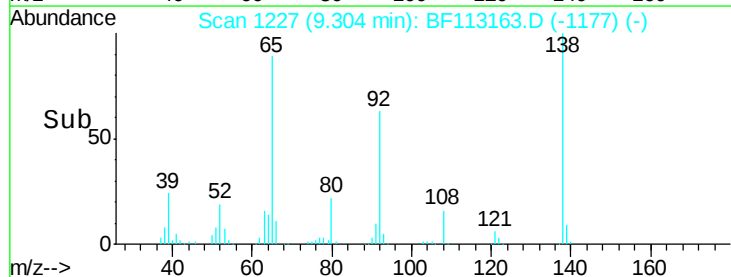
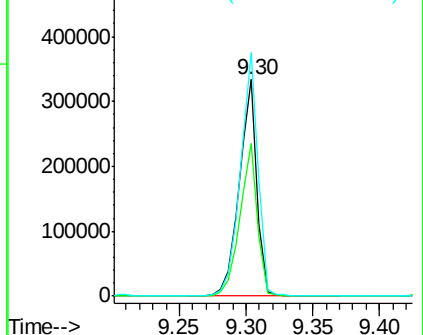


#48
2-Nitroaniline
Concen: 45.617 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	56.4	84.6
138	112.6	84.6	126.8



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

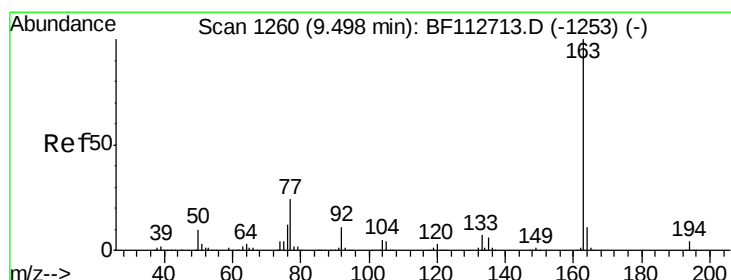
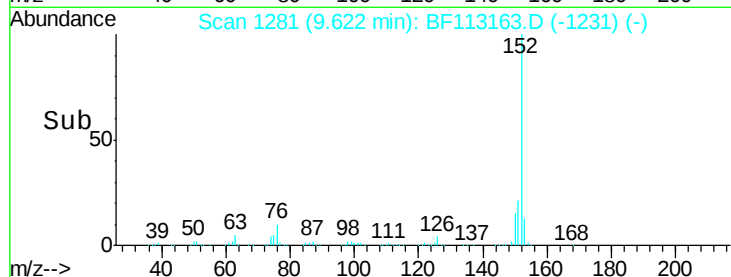
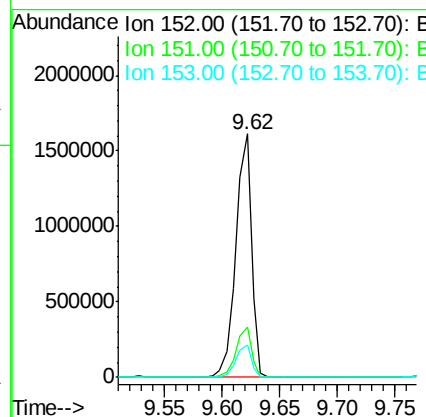
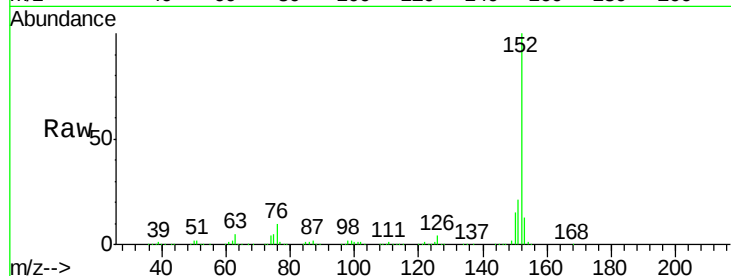




#49
Acenaphthylene
Concen: 40.557 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

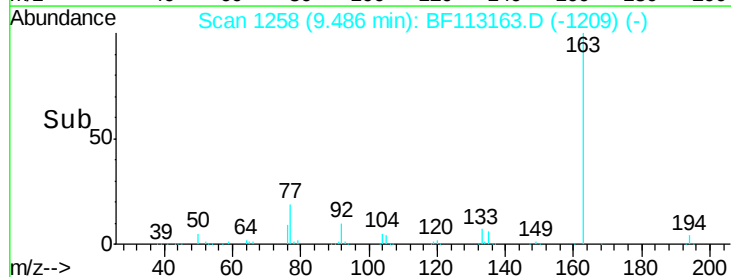
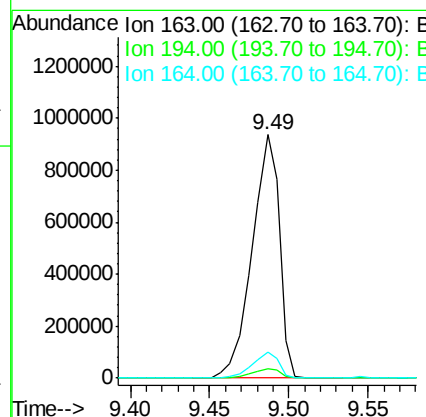
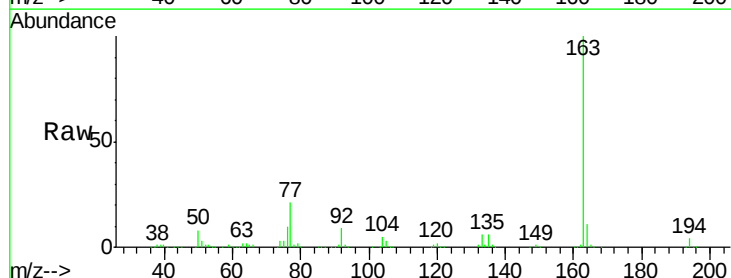
Instrument :
BNA_F
ClientSampleId :

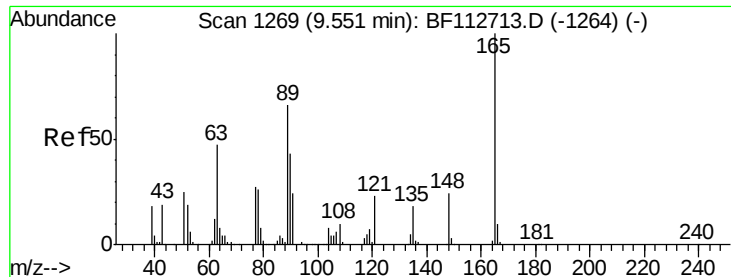
Tot Ion:152 Resp: 1522900
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.4 11.0 16.6



#50
Dimethylphthalate
Concen: 43.599 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion:163 Resp: 1116441
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.7 8.4 12.6

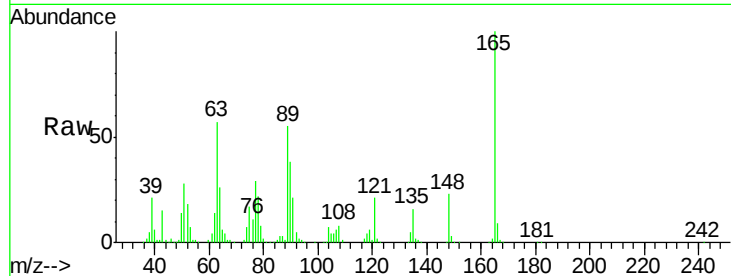




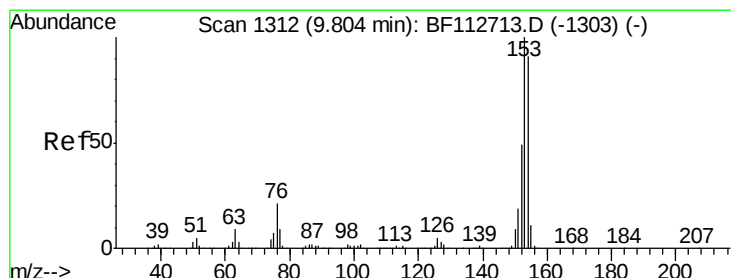
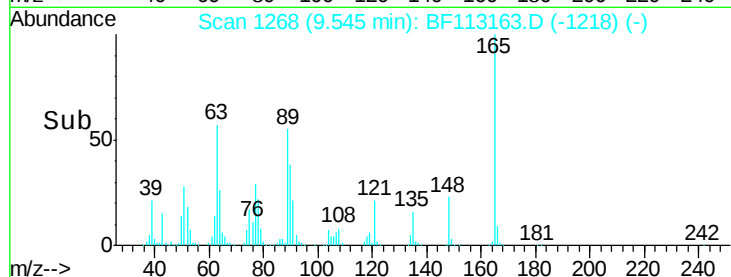
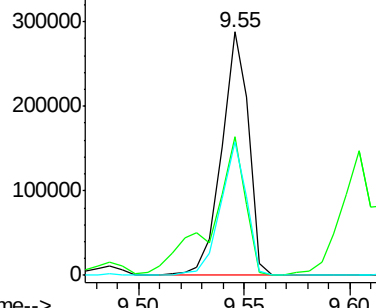
#51
2,6-Dinitrotoluene
Concen: 47.878 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.8	54.1	81.1
89	54.7	52.8	79.2

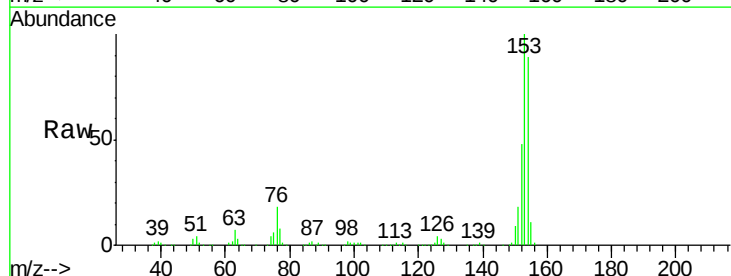


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

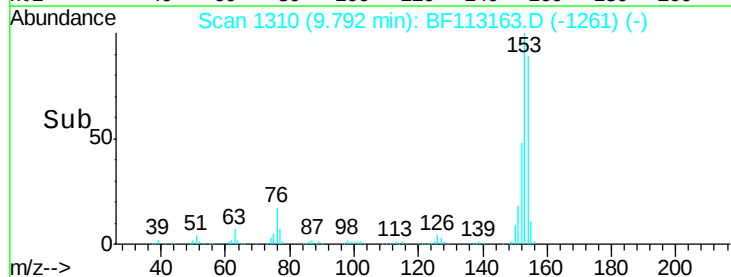
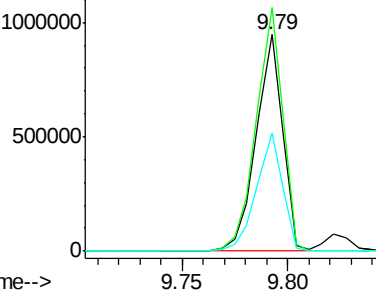


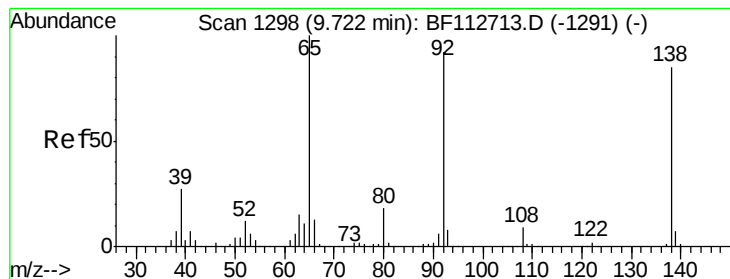
#52
Acenaphthene
Concen: 38.016 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	87.8	131.8
152	54.3	43.0	64.6



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





#53

3-Nitroaniline

Concen: 44.241 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampleId :

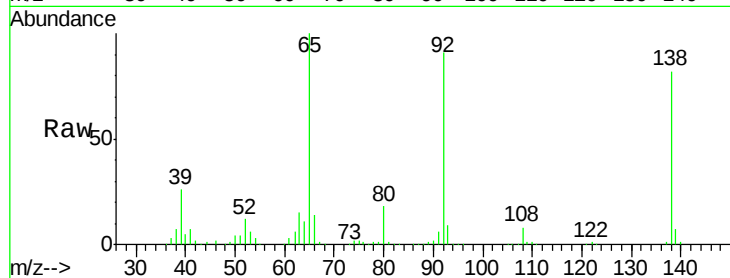
Tot Ion:138 Resp: 287462

Ion Ratio Lower Upper

138 100

108 9.9 8.6 13.0

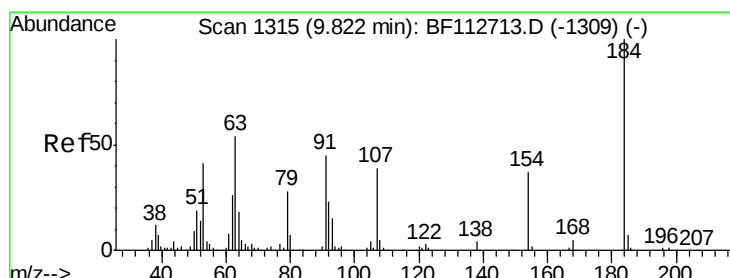
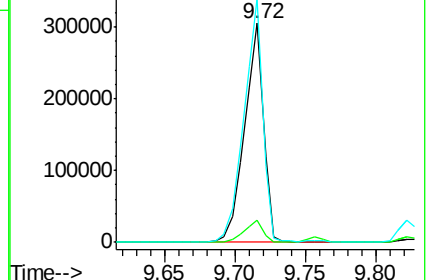
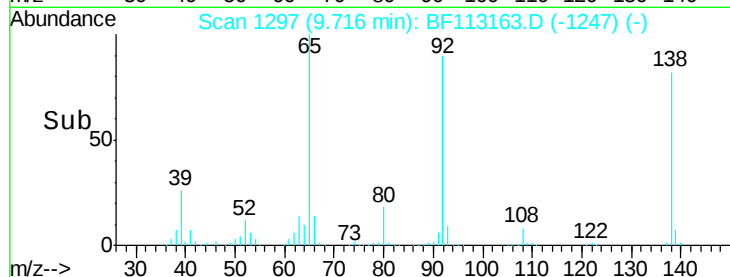
92 111.3 86.6 129.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 59.462 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

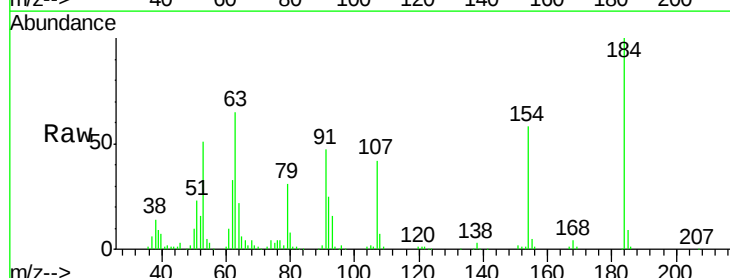
Tgt Ion:184 Resp: 125768

Ion Ratio Lower Upper

184 100

63 65.1 45.3 67.9

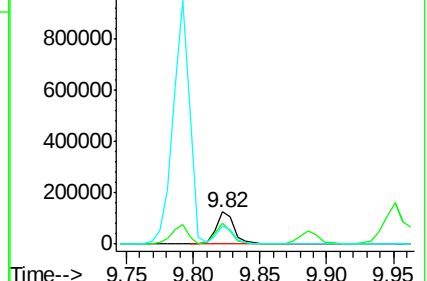
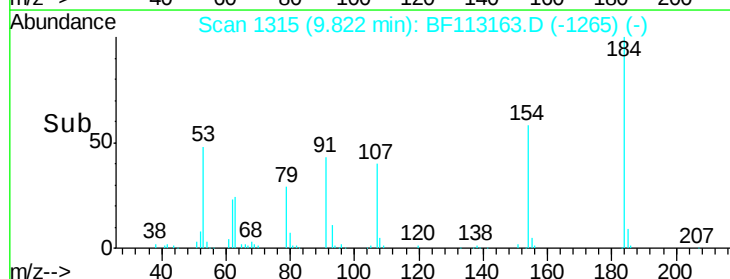
154 57.8 46.0 69.0

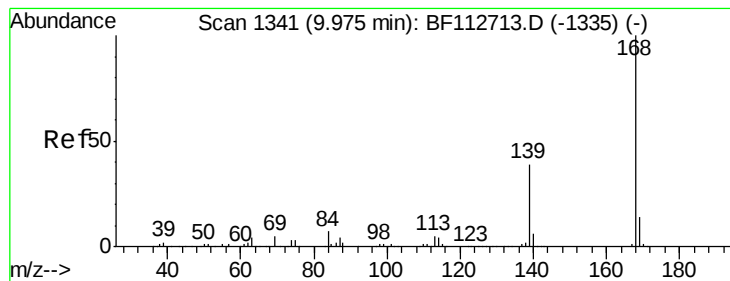


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 37.756 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampleId :

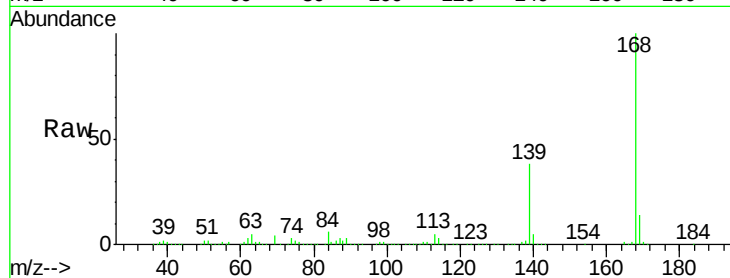
Tot Ion:168 Resp: 1204961

Ion Ratio Lower Upper

168 100

139 38.4 31.3 46.9

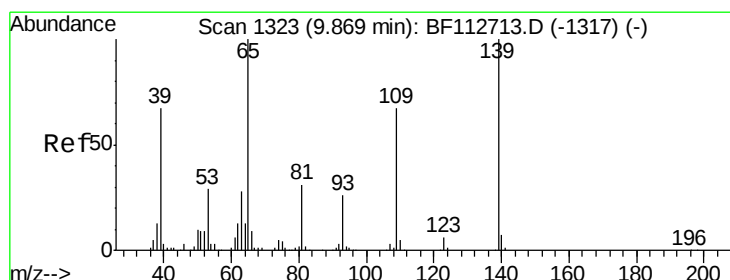
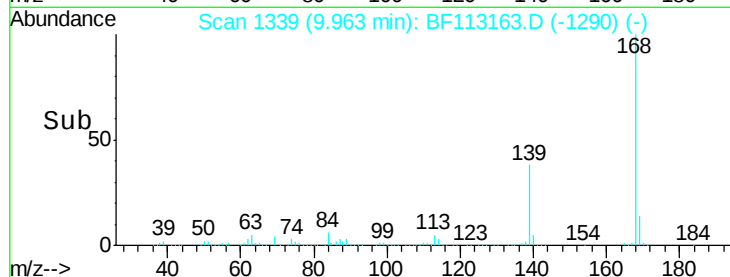
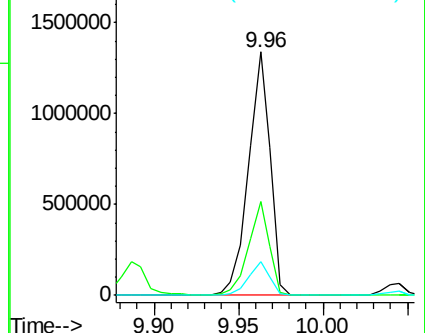
169 13.8 11.3 16.9



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: 36.783 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

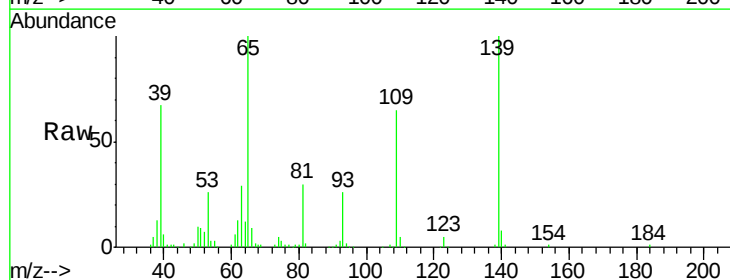
Tgt Ion:139 Resp: 194242

Ion Ratio Lower Upper

139 100

109 65.4 46.8 86.8

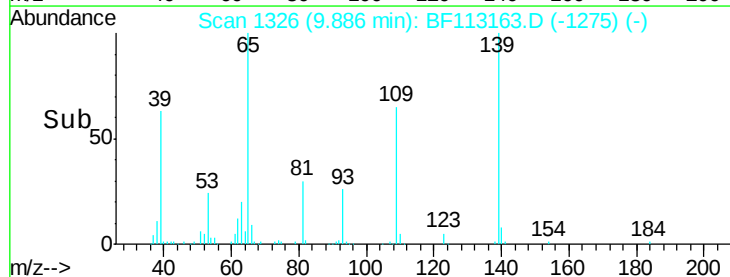
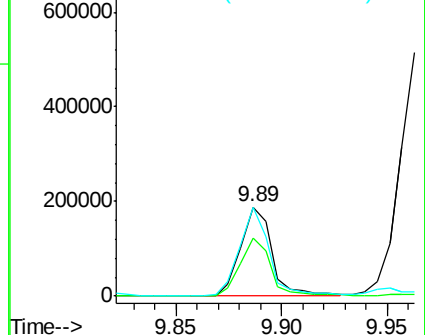
65 100.1 80.7 120.7

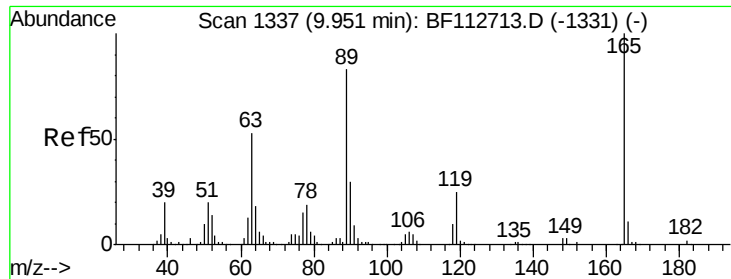


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

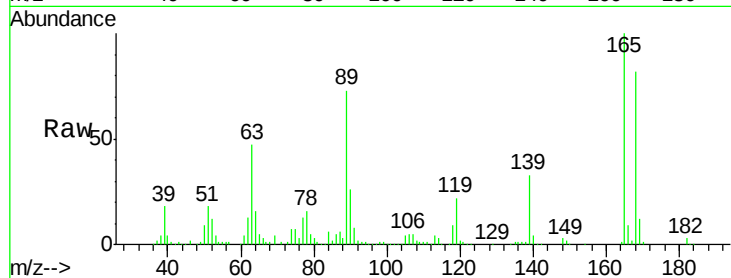




#57
2,4-Dinitrotoluene
Concen: 44.520 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.4	42.2	63.2
89	73.1	66.2	99.4
182	2.7	1.8	2.6#



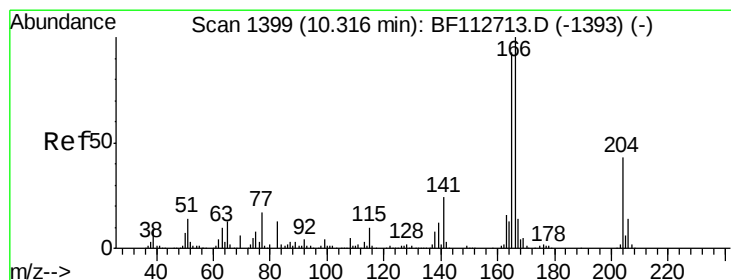
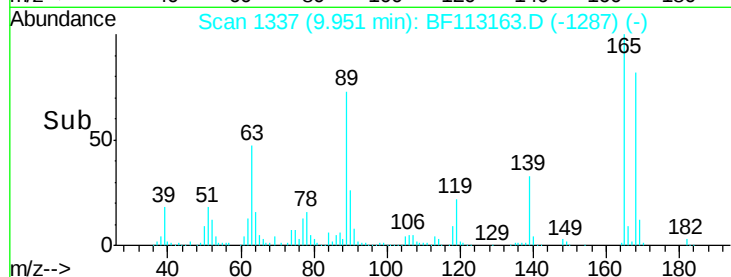
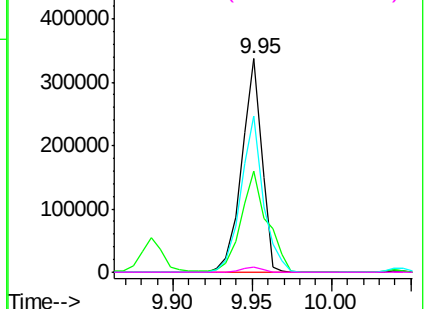
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

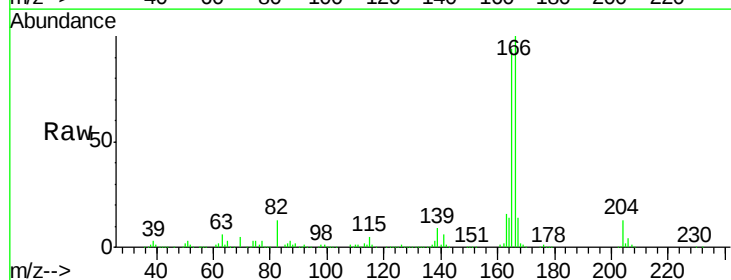
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.395 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.3	74.7	112.1
167	13.8	11.0	16.6

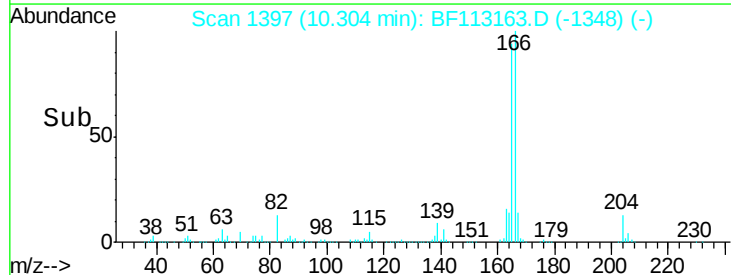
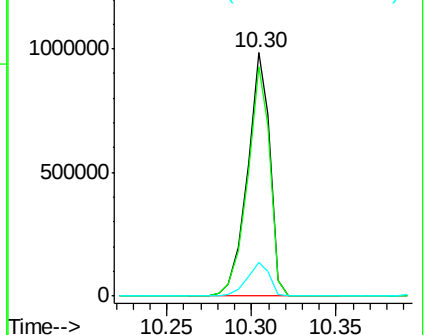


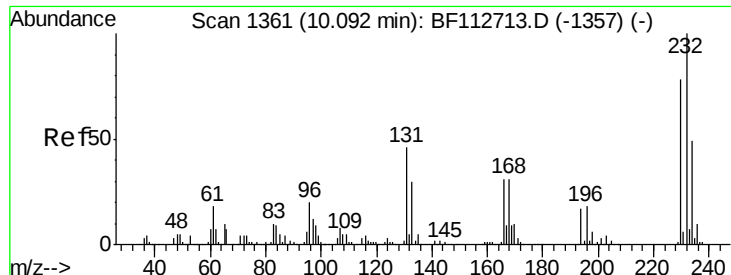
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

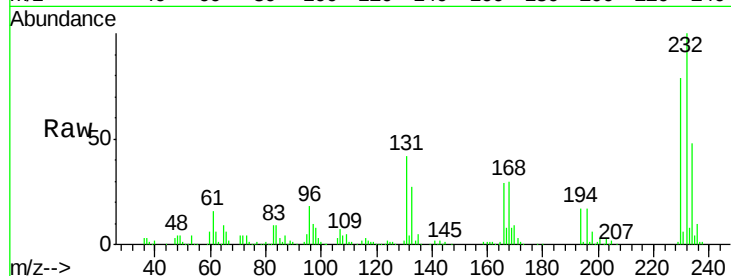




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.818 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	38.7	58.1
130	2.0	1.9	2.9
166	29.0	25.2	37.8



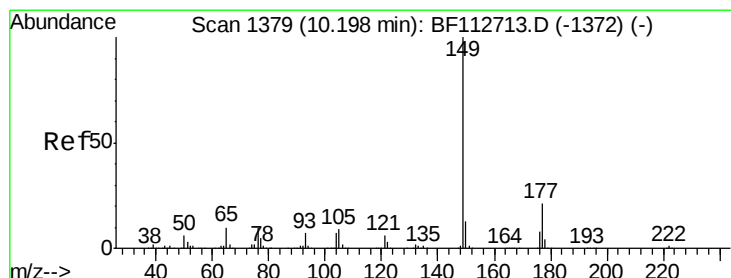
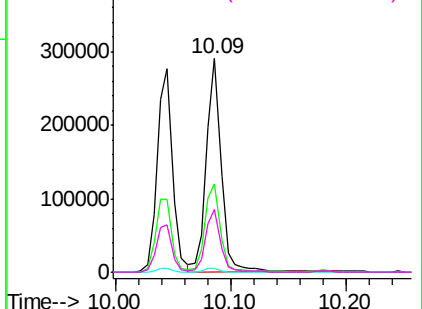
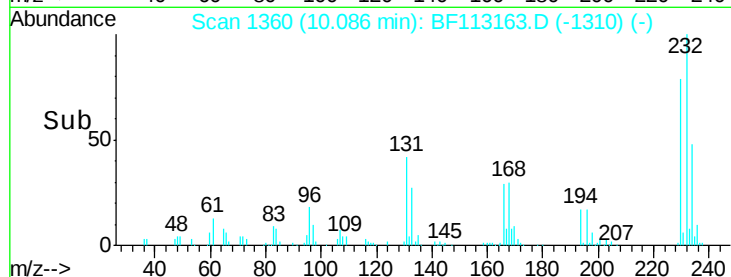
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

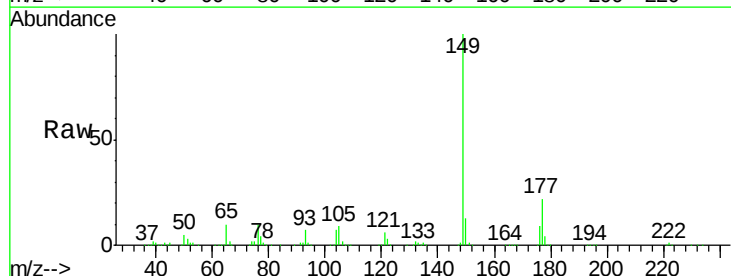
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 36.903 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.0	25.6
150	12.8	10.0	15.0

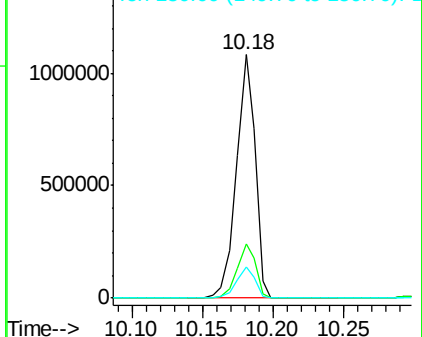
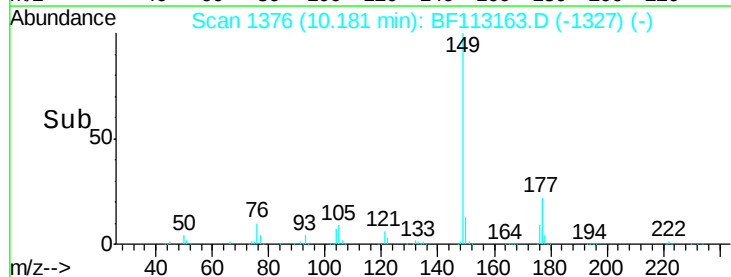


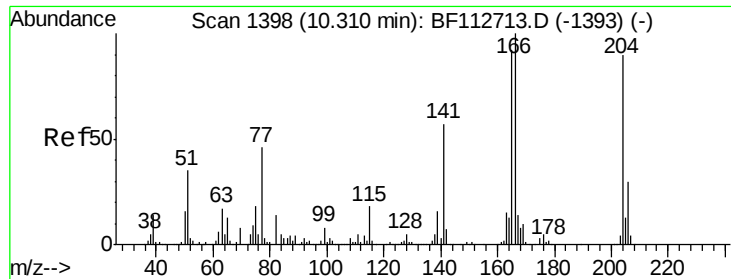
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

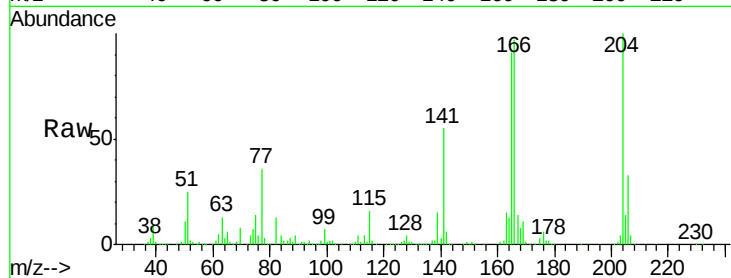




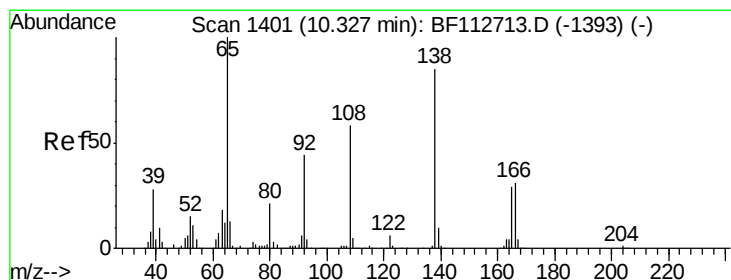
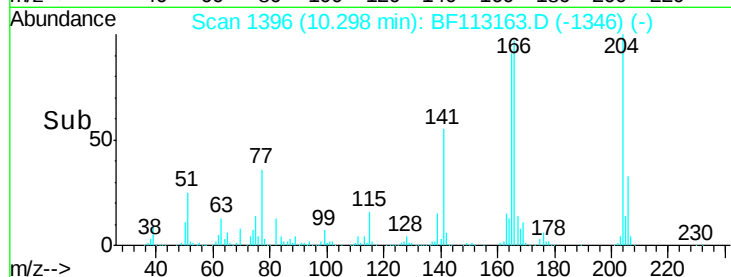
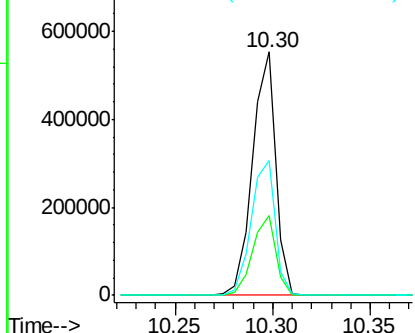
#61
4-Chlorophenyl-phenylether
Concen: 43.309 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 456429
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 55.2 50.8 76.2

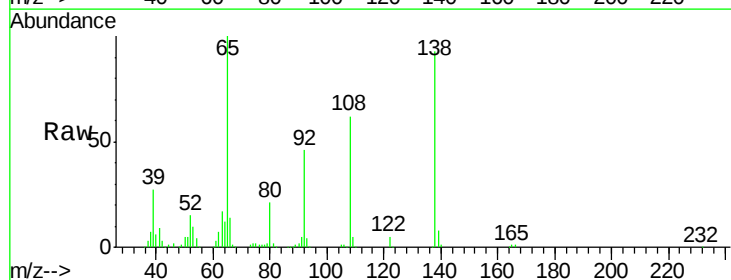


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

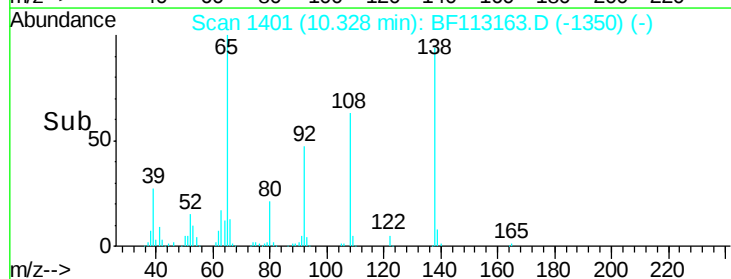
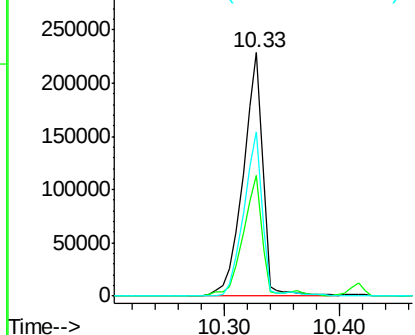


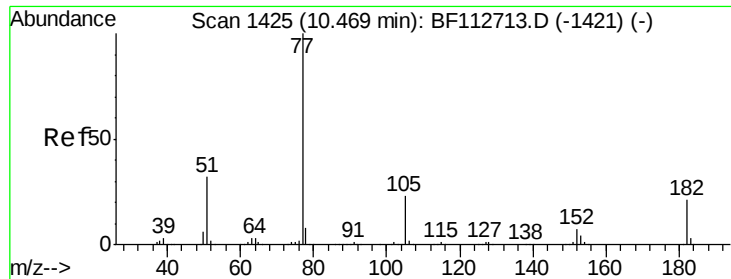
#62
4-Nitroaniline
Concen: 44.988 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion:138 Resp: 270118
Ion Ratio Lower Upper
138 100
92 49.8 31.3 71.3
108 67.4 48.1 88.1



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





#63

Azobenzene

Concen: 34.675 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 960537

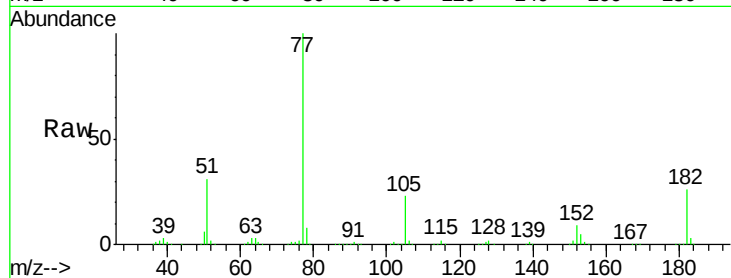
Ion Ratio Lower Upper

77 100

182 25.6 1.4 41.4

105 22.6 2.6 42.6

51 30.5 12.0 52.0

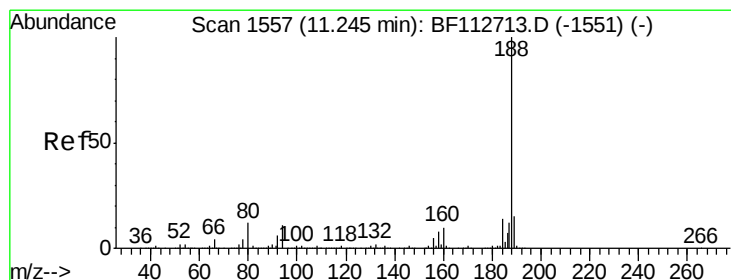
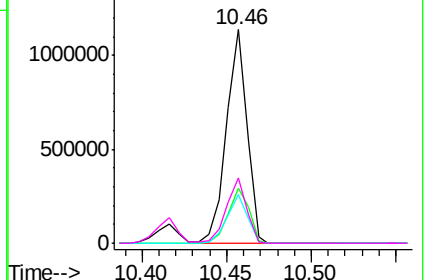
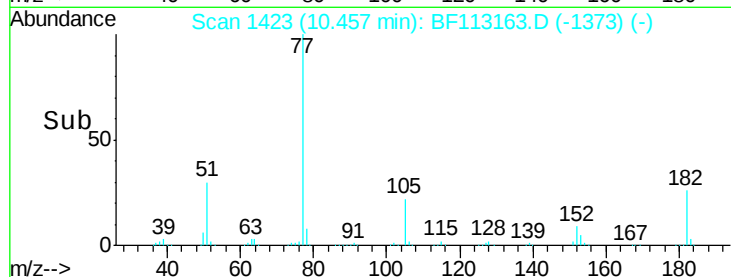


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

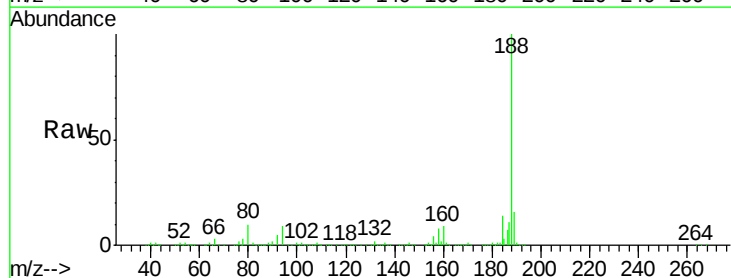
Tgt Ion: 188 Resp: 741549

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

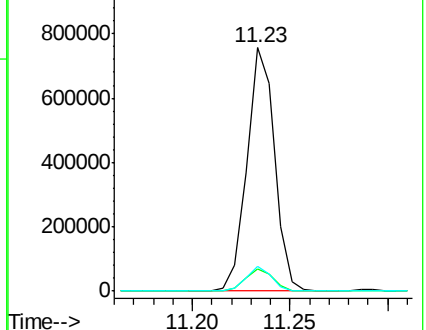
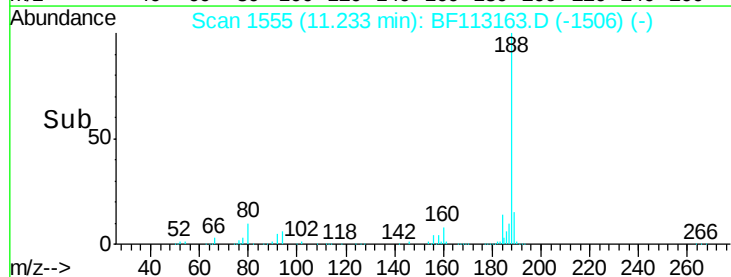
80 9.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

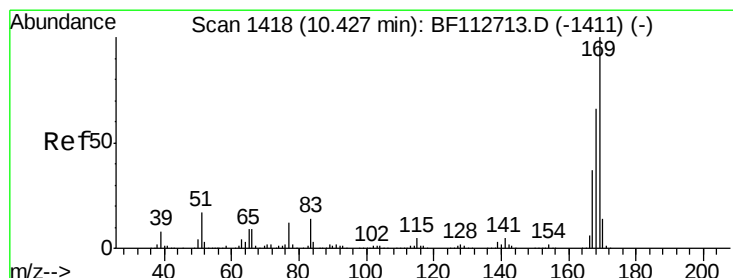
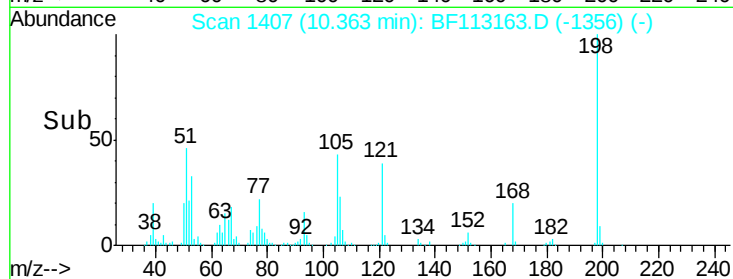
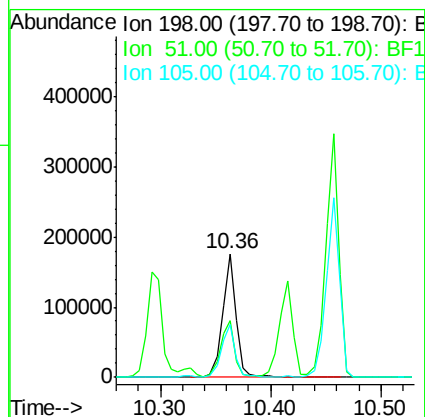
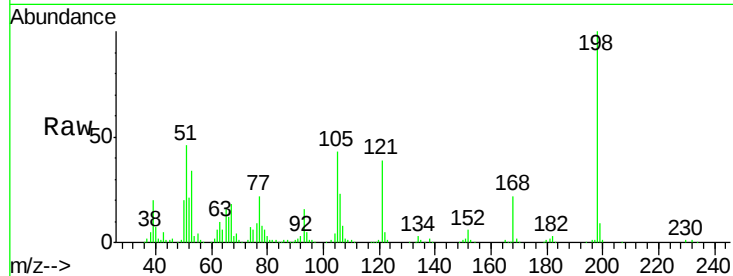




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.157 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

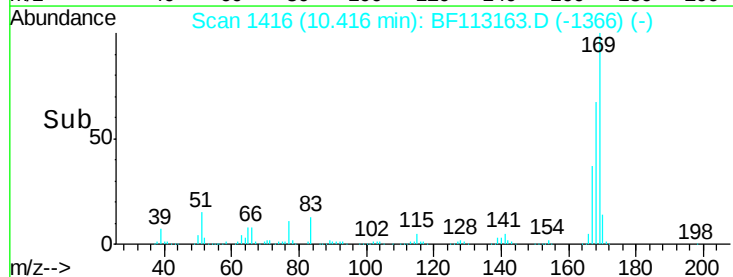
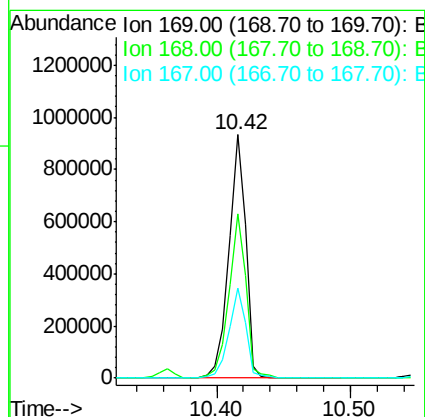
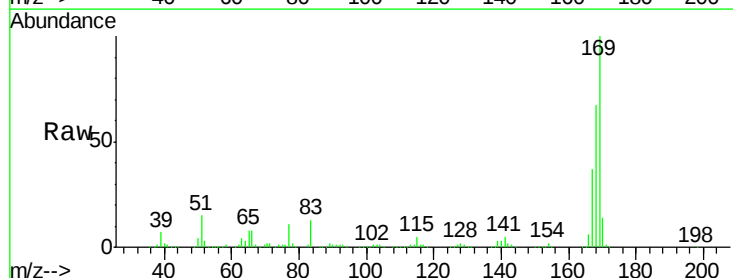
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 150154
 Ion Ratio Lower Upper
 198 100
 51 45.5 43.8 83.8
 105 43.2 36.5 76.5



#66
 n-Nitrosodiphenylamine
 Concen: 35.220 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

Tgt Ion:169 Resp: 837607
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.0 79.6
 167 36.9 29.3 43.9

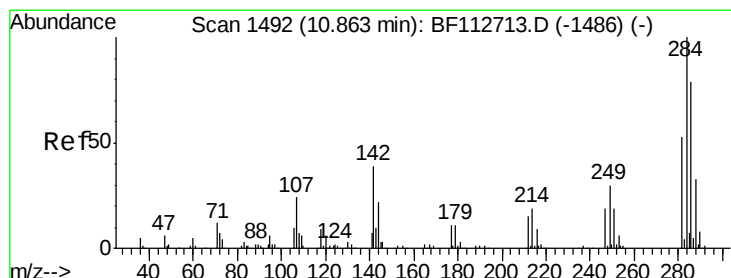
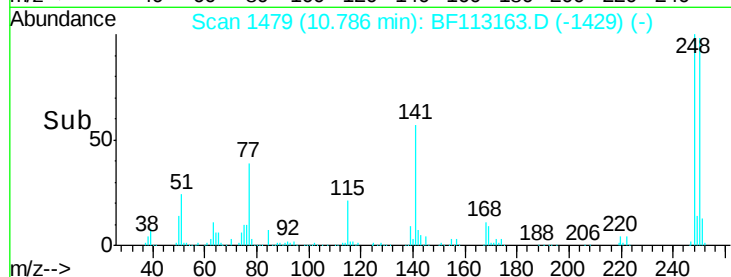
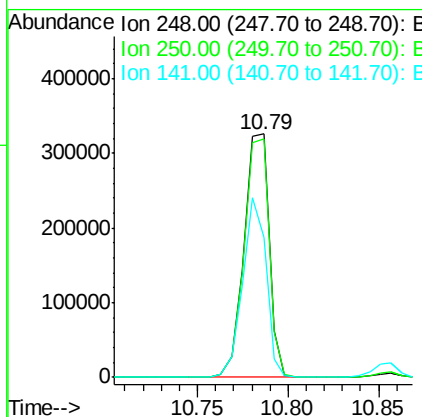
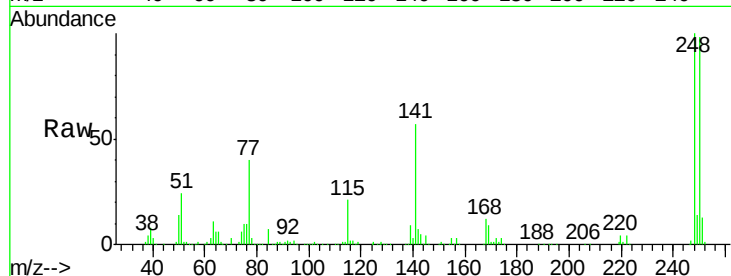




#67
 4-Bromophenyl-phenylether
 Concen: 40.244 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

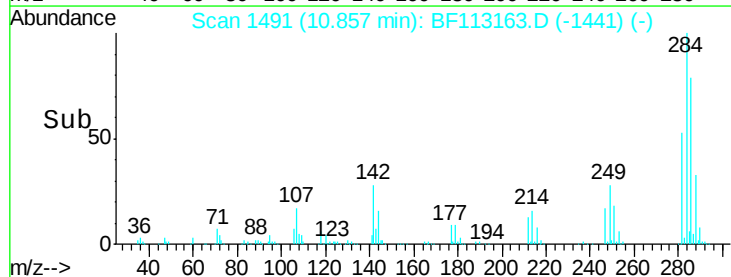
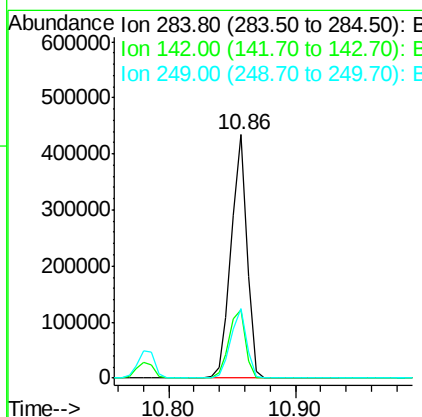
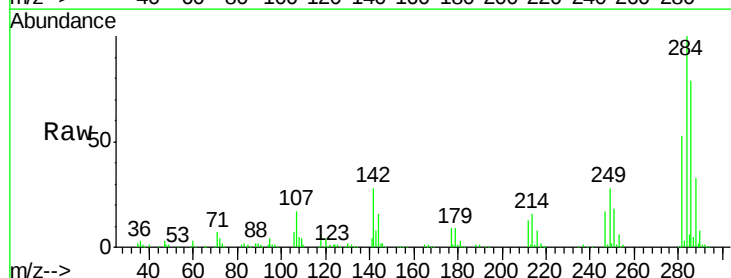
Instrument :
 BNA_F
 ClientSampleId :

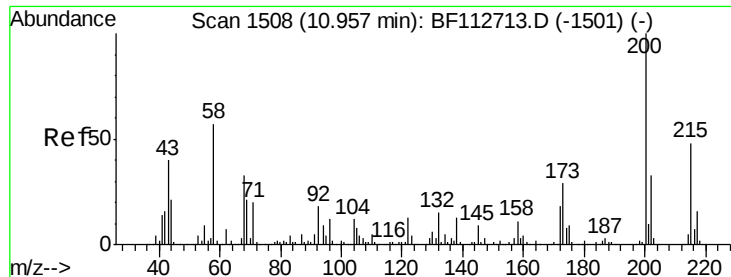
Tot Ion:248 Resp: 314338
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.5 116.3
 141 57.4 62.4 93.6#



#68
 Hexachlorobenzene
 Concen: 42.317 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

Tgt Ion:284 Resp: 372590
 Ion Ratio Lower Upper
 284 100
 142 27.8 31.0 46.6#
 249 28.3 23.6 35.4

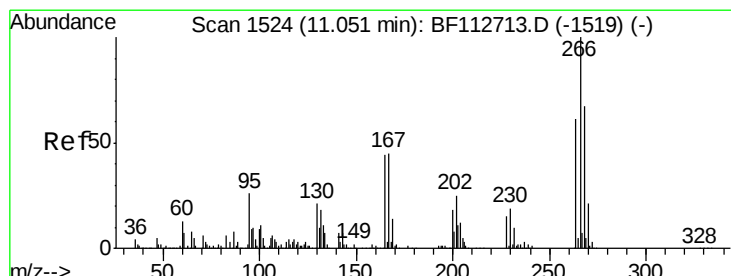
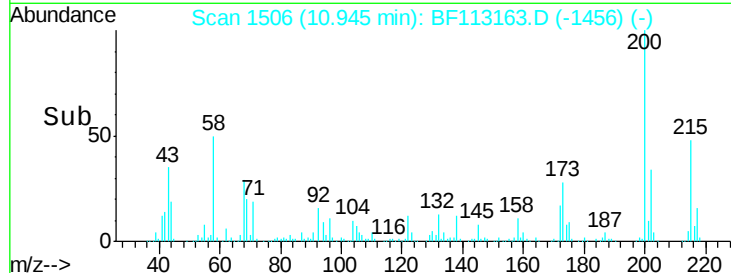
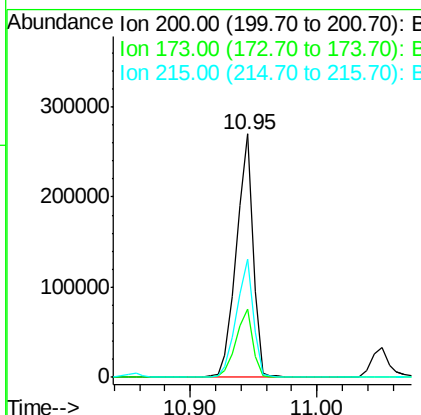
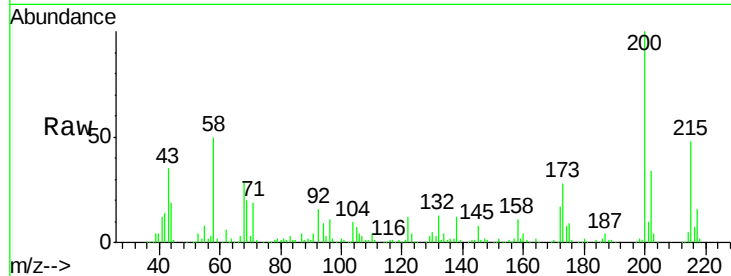




#69
 Atrazine
 Concen: 33.340 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

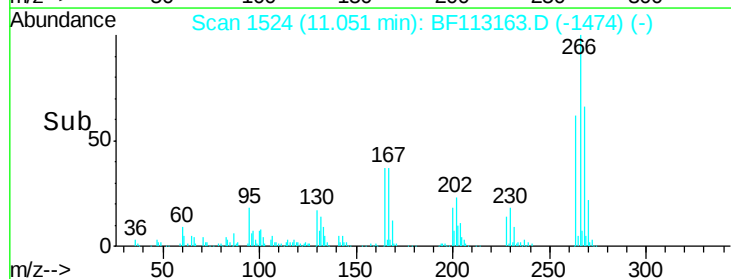
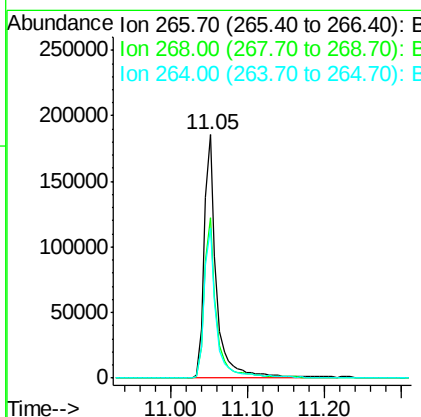
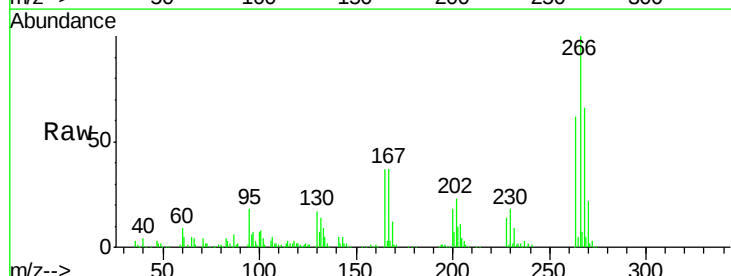
Instrument :
 BNA_F
 ClientSampleId :

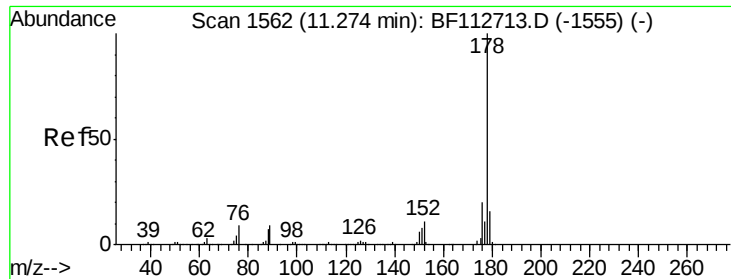
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	9.1	49.1
215	48.3	28.2	68.2



#70
 Pentachlorophenol
 Concen: 39.983 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	53.3	79.9
264	61.6	48.9	73.3

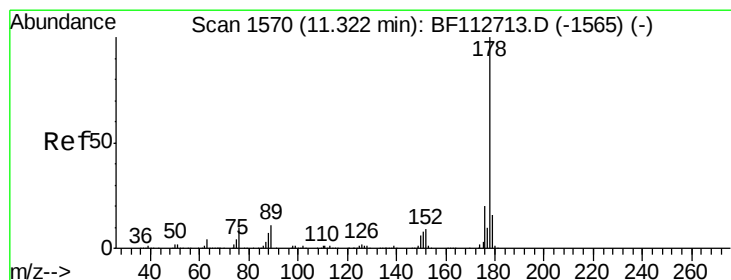
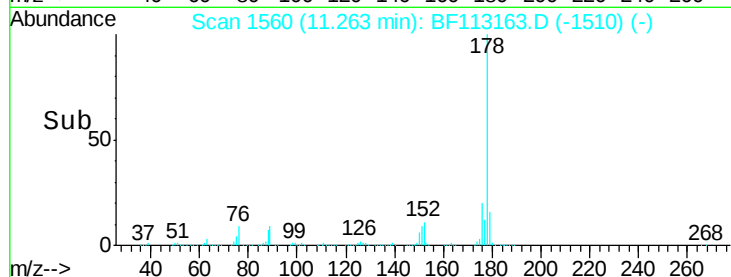
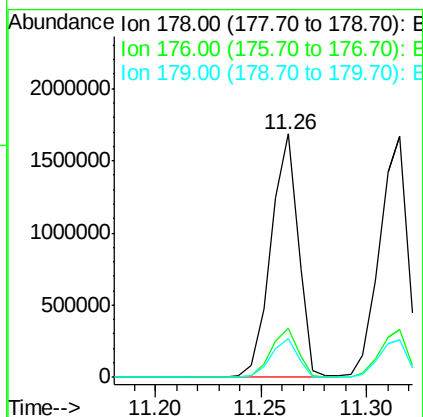
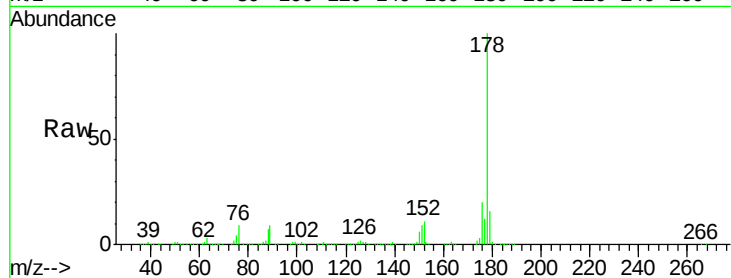




#71
Phenanthrene
Concen: 41.249 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

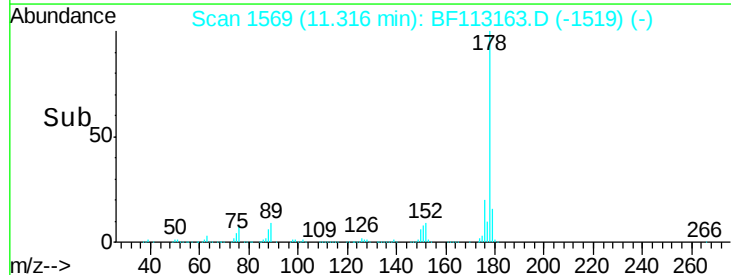
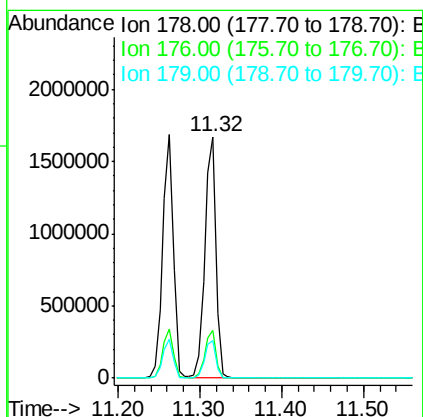
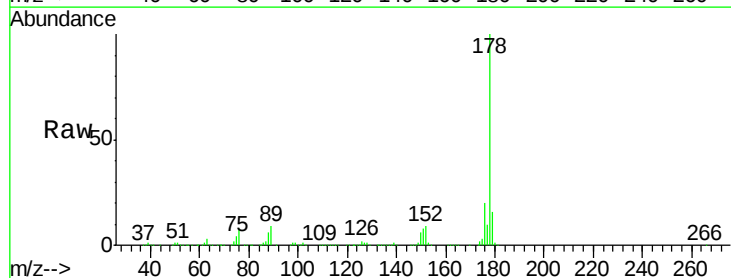
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1521885
Ion Ratio Lower Upper
178 100
176 20.3 16.3 24.5
179 16.2 12.7 19.1



#72
Anthracene
Concen: 40.684 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion:178 Resp: 1571253
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.5 13.0 19.6

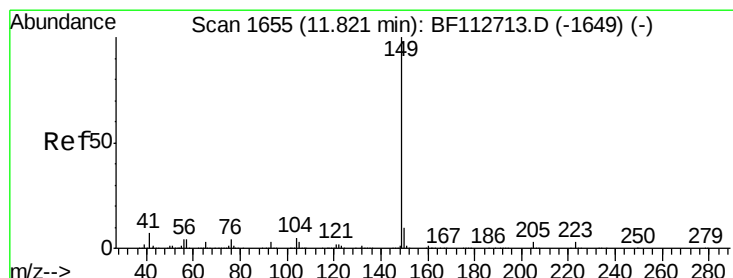
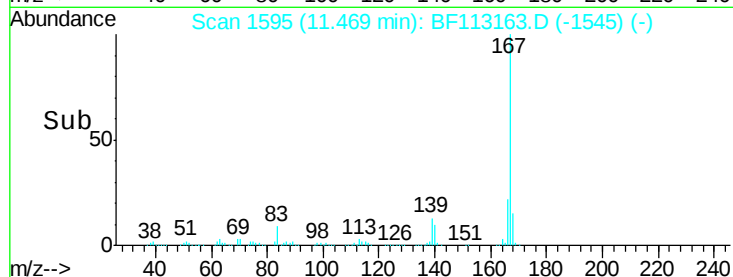
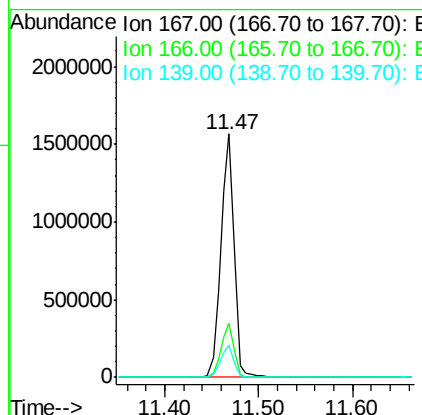
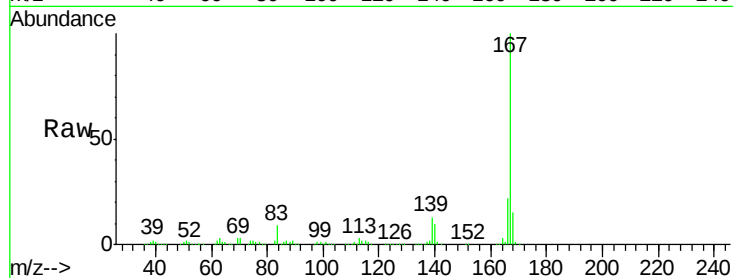




#73
 Carbazole
 Concen: 40.574 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

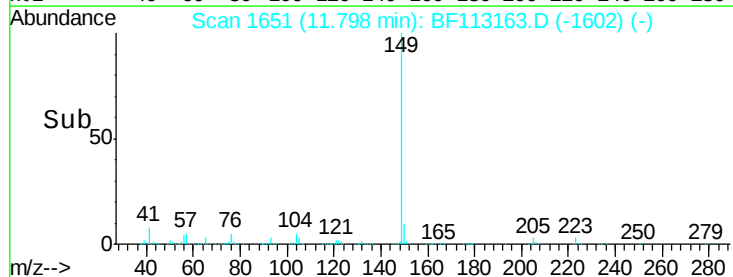
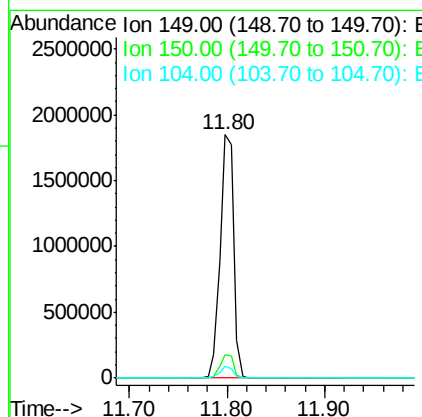
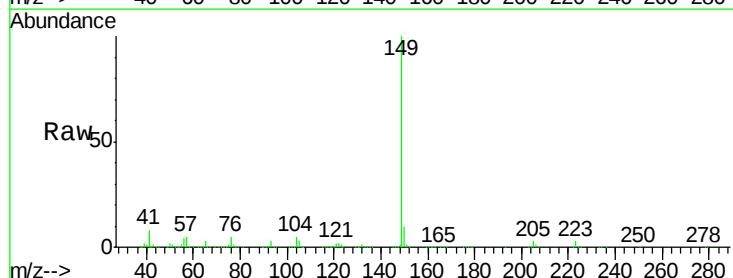
Instrument :
 BNA_F
 ClientSampleId :

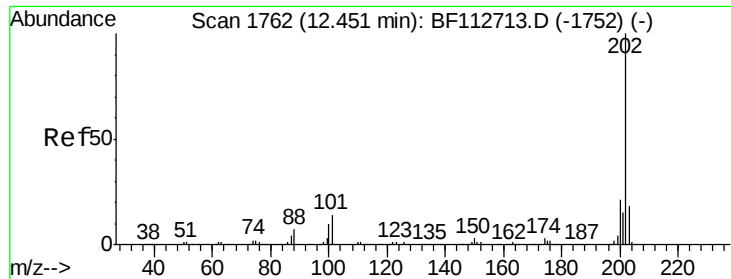
Tot Ion:167 Resp: 1528652
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.5 26.3
 139 13.3 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 39.233 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

Tgt Ion:149 Resp: 1772315
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.8 3.7 5.5





#75

Fluoranthene

Concen: 42.331 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampled :

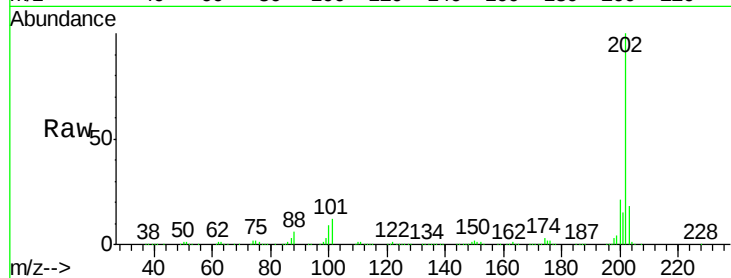
Tot Ion:202 Resp: 1673282

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.8

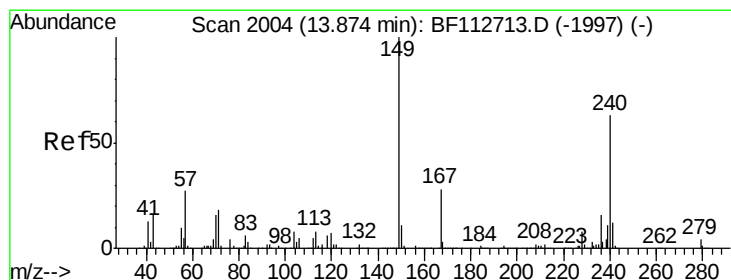
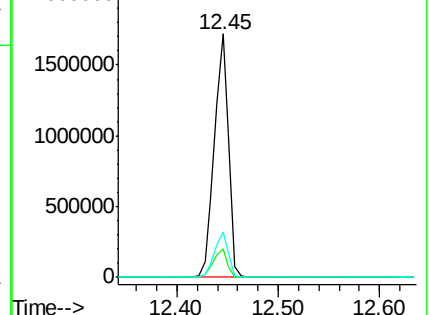
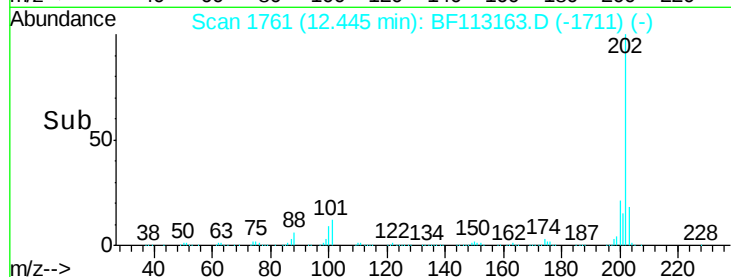
203 18.4 0.0 38.4



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: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

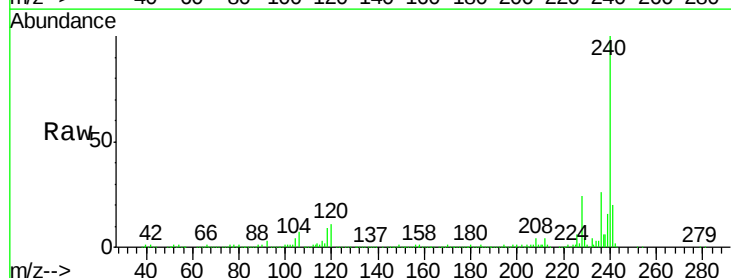
Tgt Ion:240 Resp: 578222

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

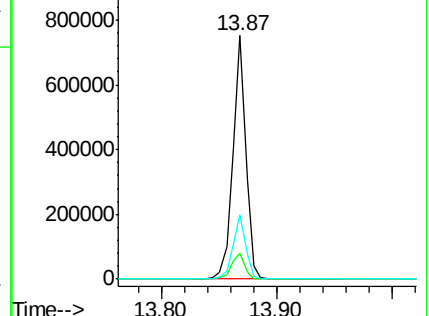
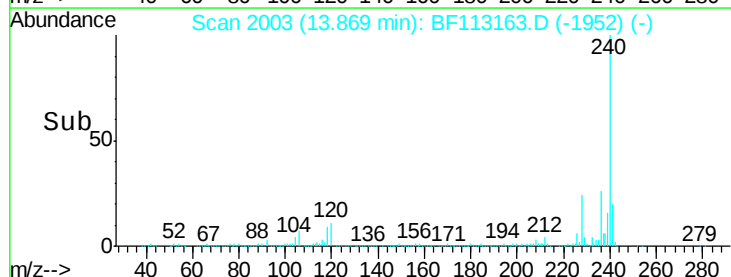
236 26.5 20.7 31.1

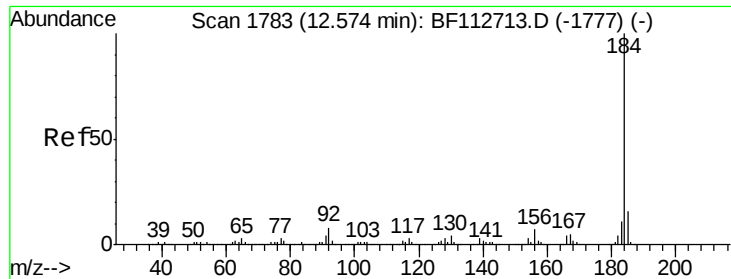


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.118 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampled :

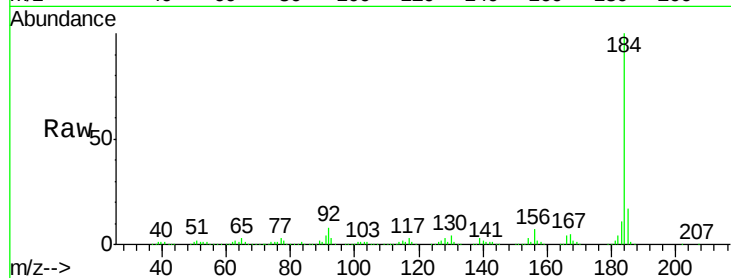
Tot Ion:184 Resp: 783523

Ion Ratio Lower Upper

184 100

185 16.8 12.6 18.8

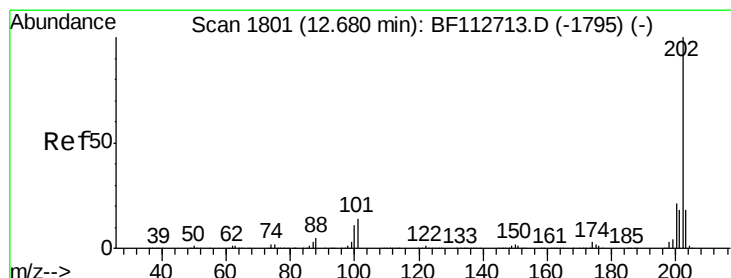
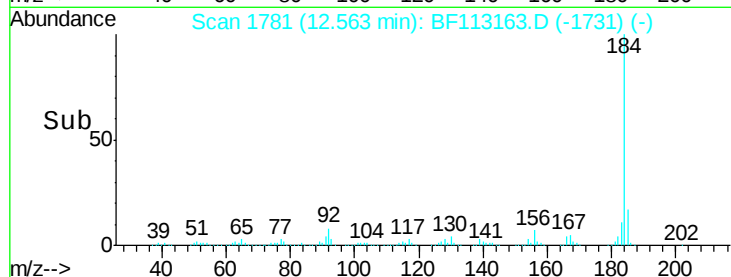
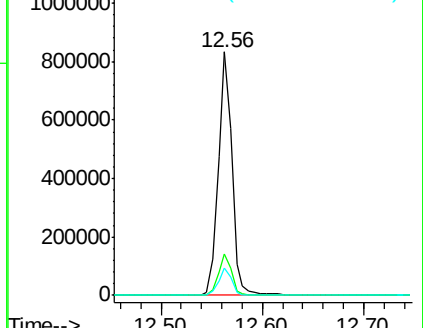
183 11.0 8.6 12.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.254 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

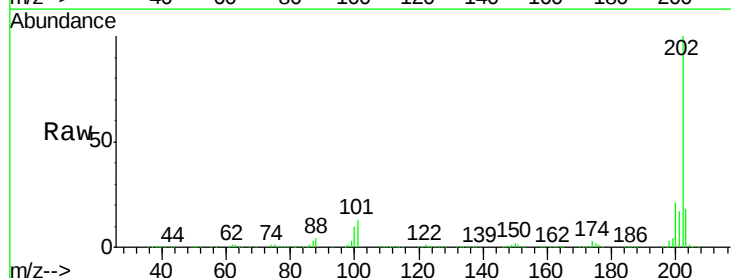
Tgt Ion:202 Resp: 1718493

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

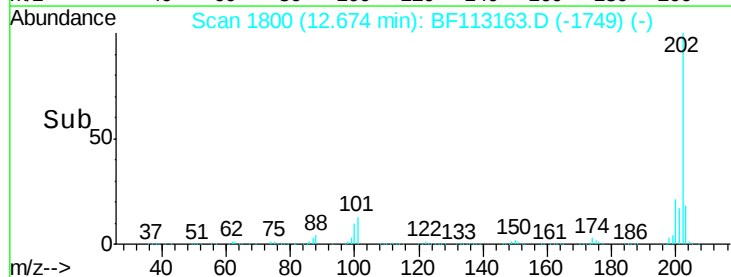
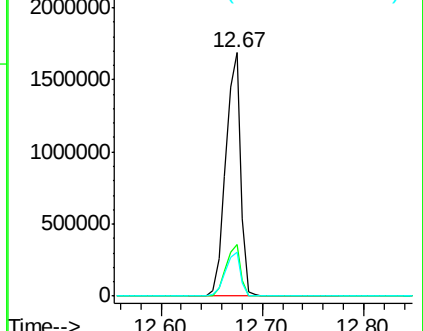
203 18.2 14.4 21.6

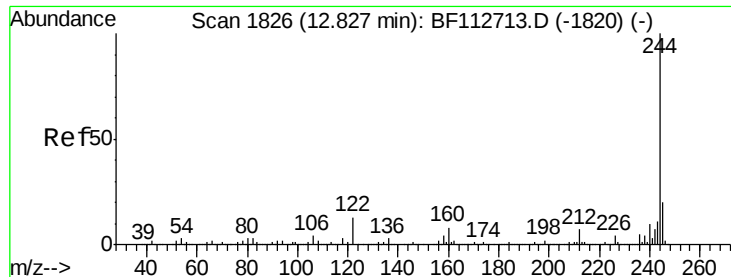


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

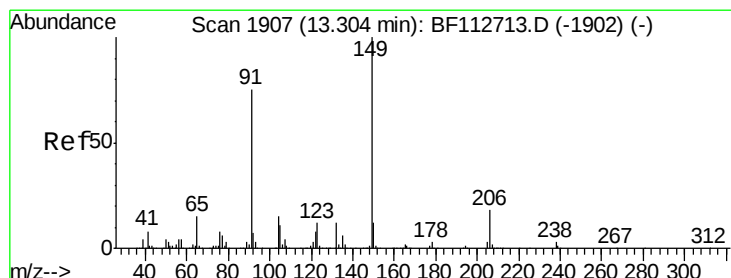
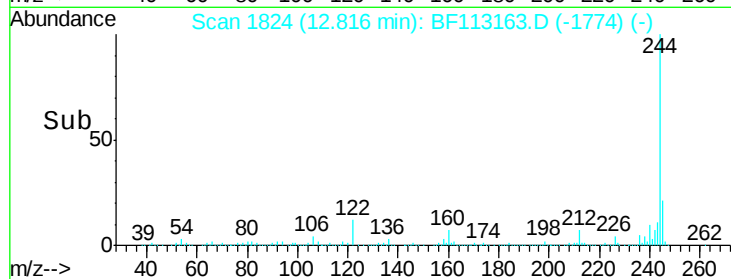
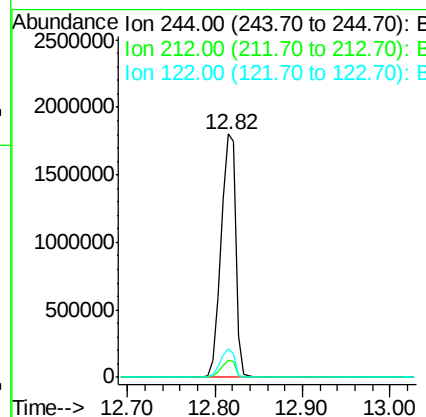
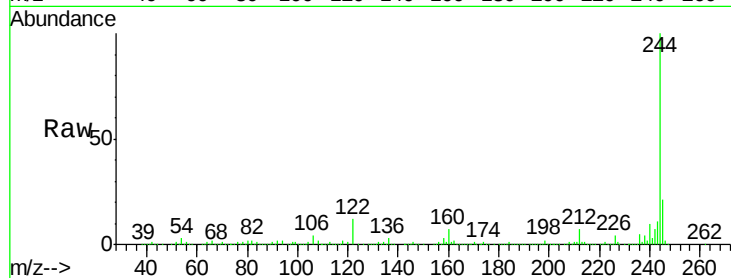




#79
 Terphenyl-d14
 Concen: 70.645 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

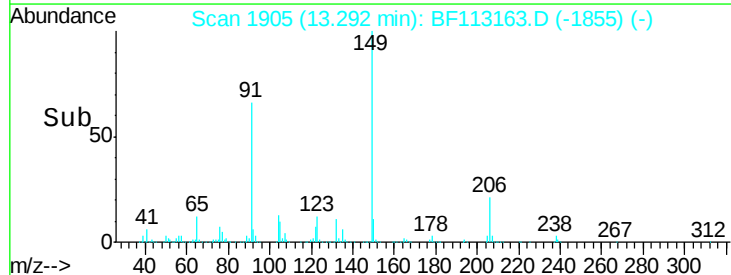
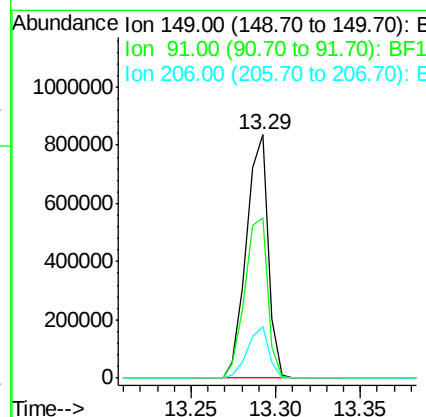
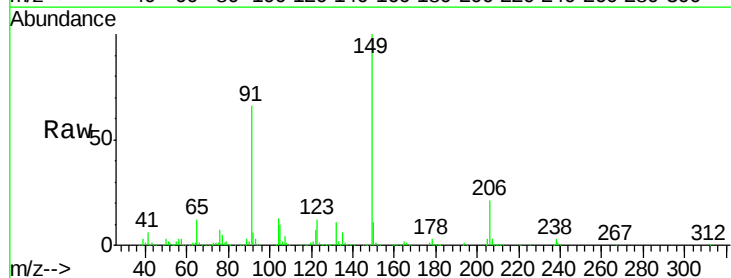
Instrument :
 BNA_F
 ClientSampleId :

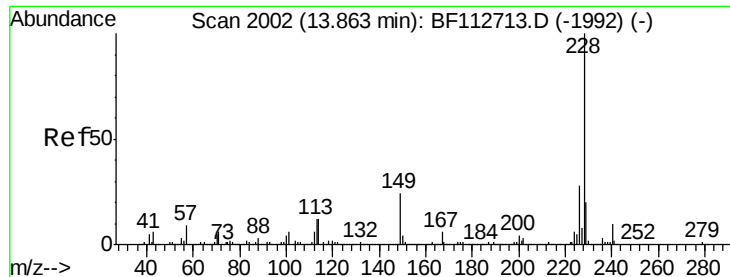
Tot Ion:244 Resp: 2107214
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.8 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 35.261 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF113163.D
 Acq: 20 Mar 2019 11:17

Tgt Ion:149 Resp: 758695
 Ion Ratio Lower Upper
 149 100
 91 65.8 59.9 89.9
 206 21.4 14.7 22.1





#81

Benzo(a)anthracene

Concen: 34.067 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampleId :

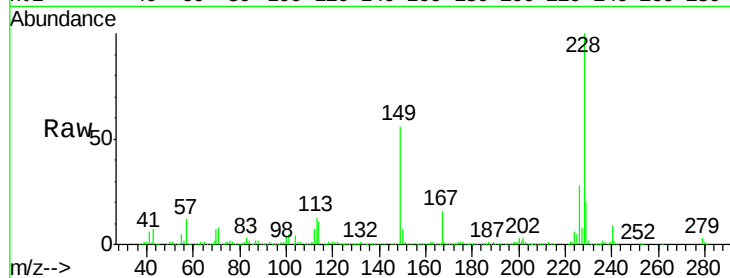
Tot Ion:228 Resp: 1365240

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

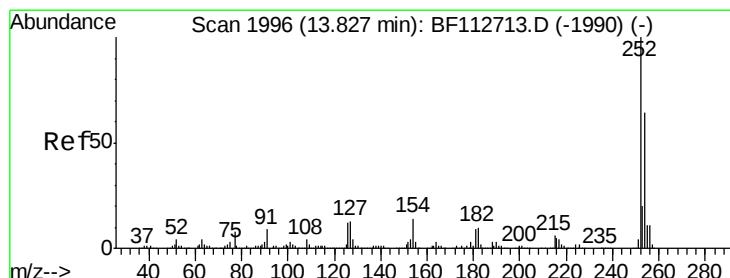
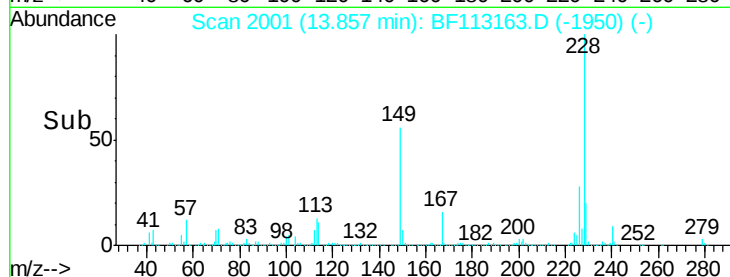
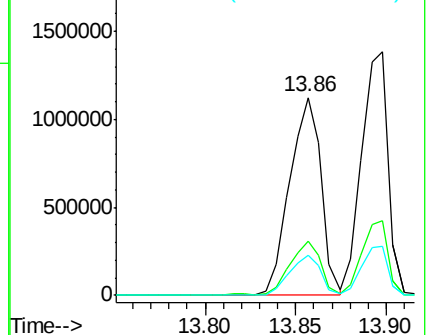
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.605 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

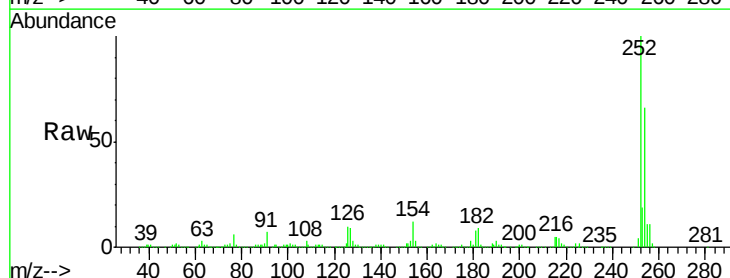
Tgt Ion:252 Resp: 569962

Ion Ratio Lower Upper

252 100

254 65.6 51.1 76.7

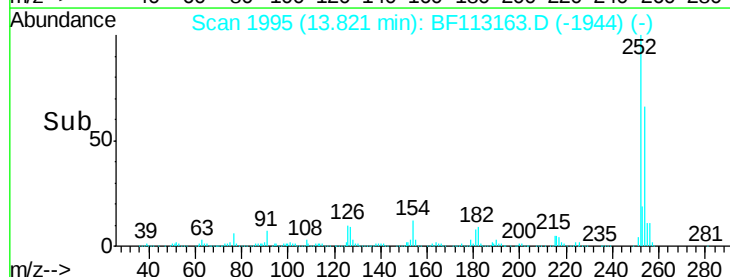
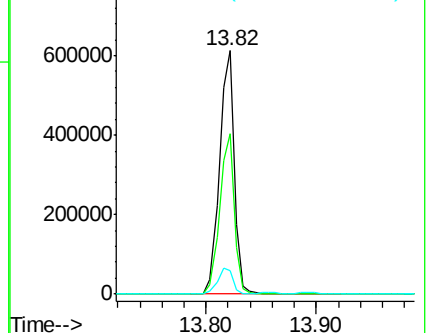
126 9.6 9.9 14.9#

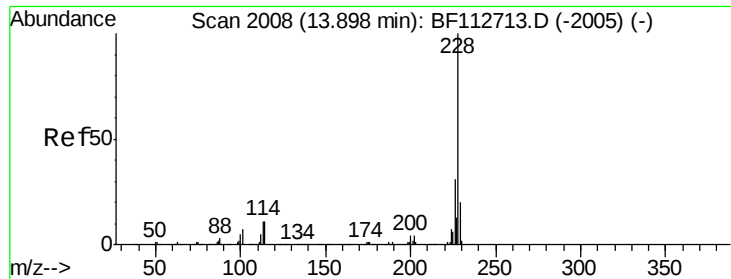


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

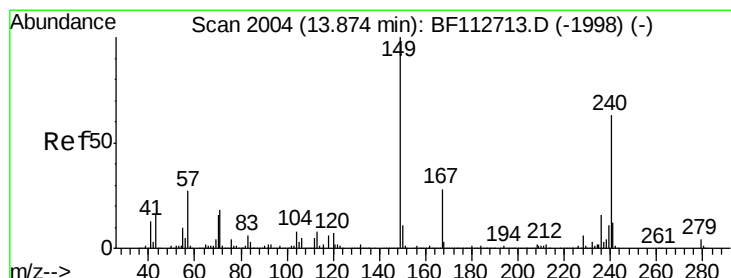
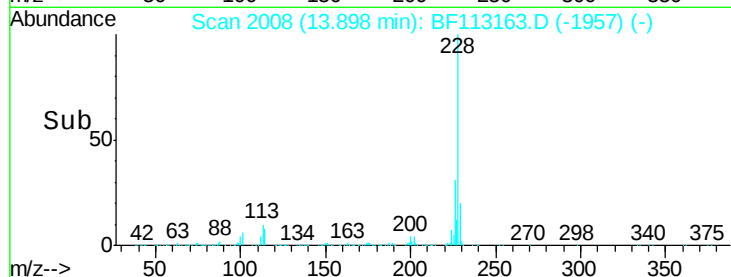
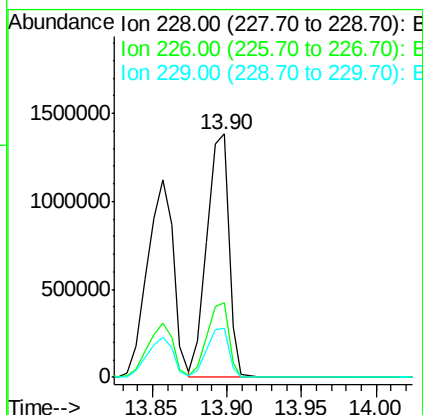
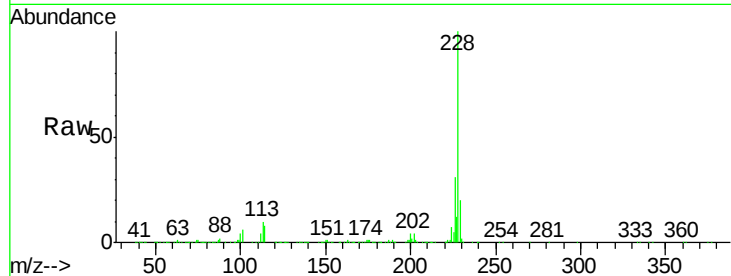




#83
Chrysene
Concen: 36.051 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

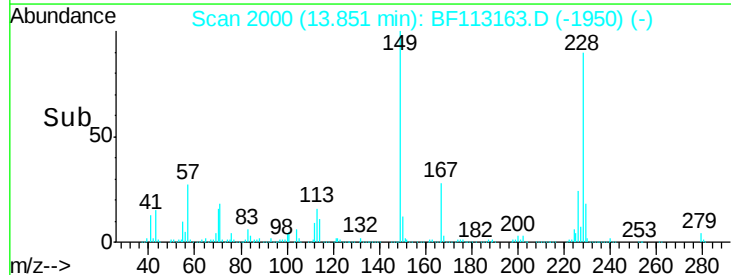
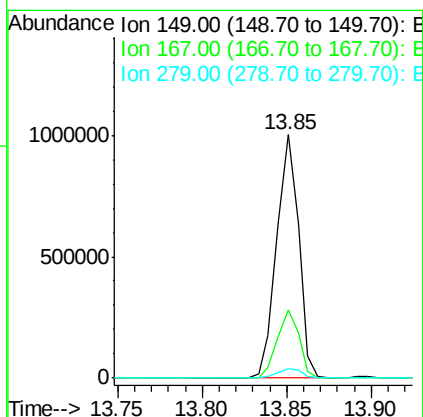
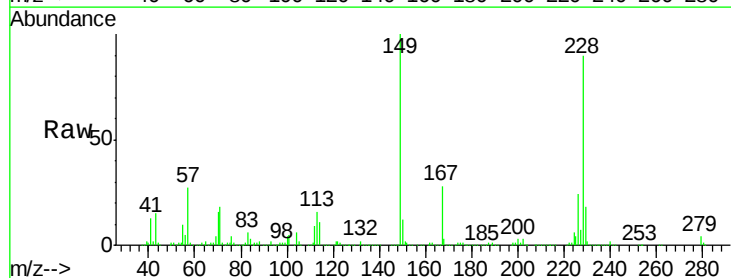
Instrument :
BNA_F
ClientSampleId :

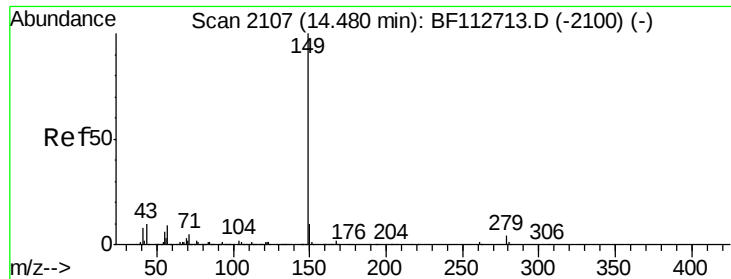
Tot Ion:228 Resp: 1415156
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 20.2 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.946 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion:149 Resp: 907205
Ion Ratio Lower Upper
149 100
167 27.9 22.4 33.6
279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 38.088 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

Instrument :

BNA_F

ClientSampleId :

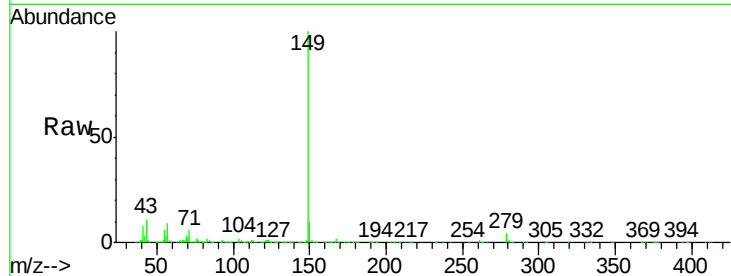
Tot Ion:149 Resp: 1650594

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

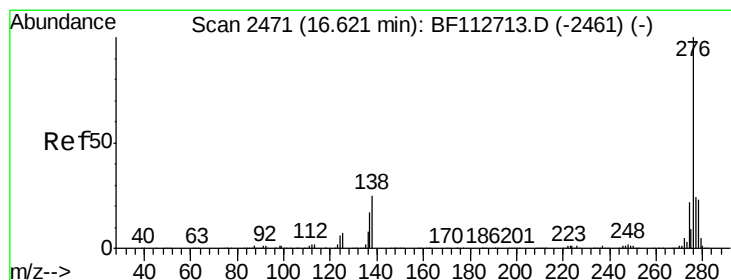
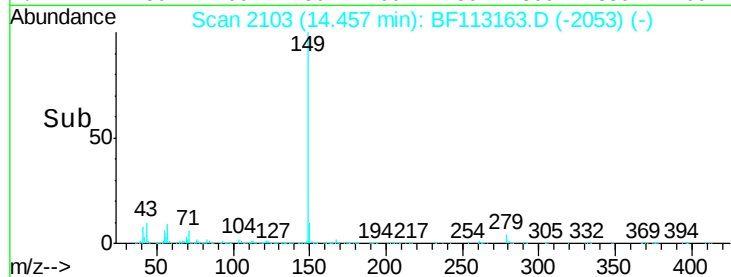
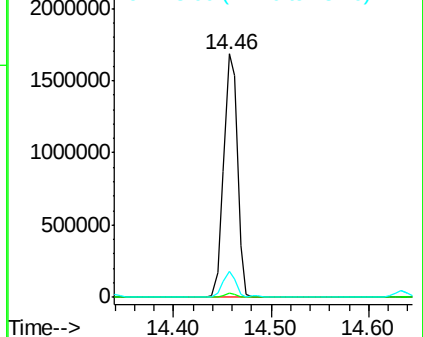
43 11.0 9.0 13.4



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: 33.836 ng

RT: 16.64 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BF113163.D

Acq: 20 Mar 2019 11:17

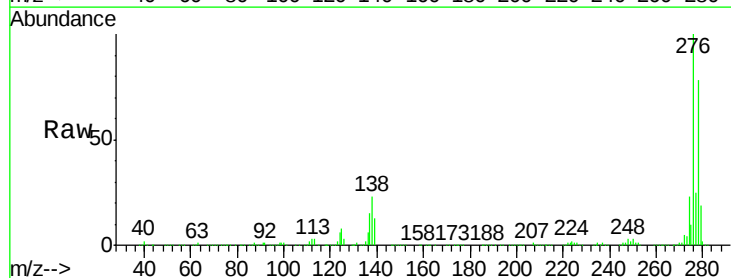
Tgt Ion:276 Resp: 1132349

Ion Ratio Lower Upper

276 100

138 23.3 23.2 34.8

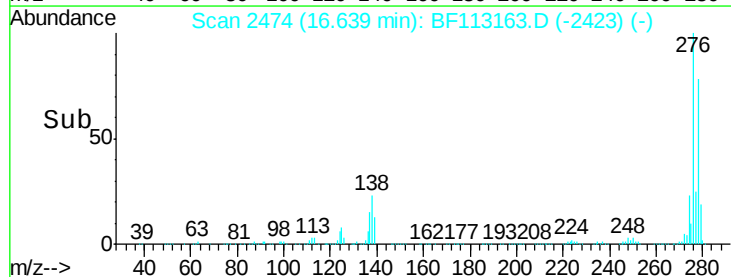
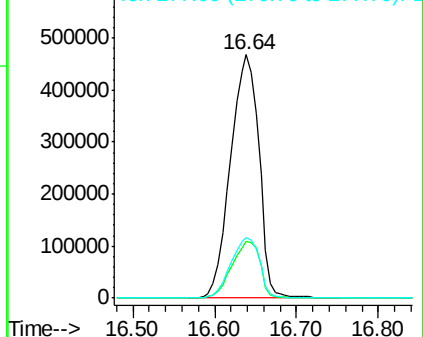
277 25.2 19.9 29.9

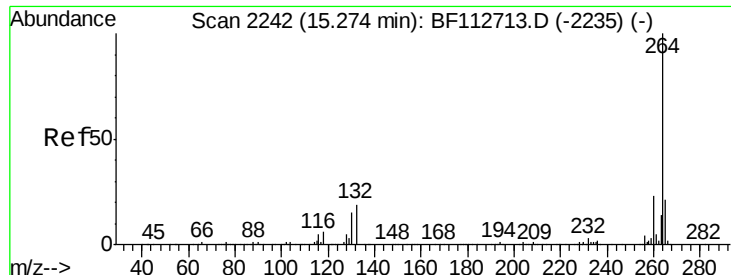


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

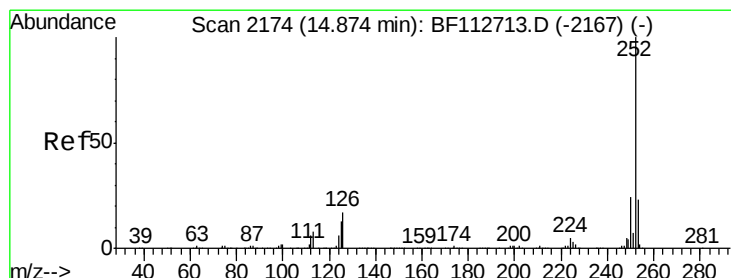
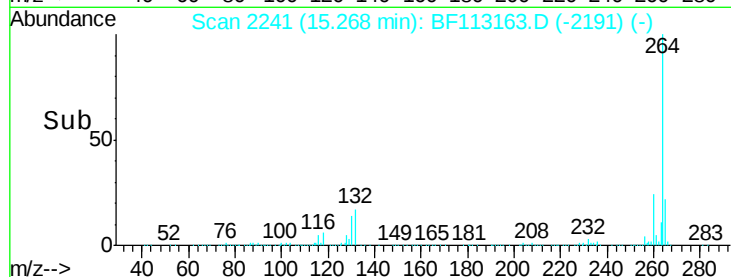
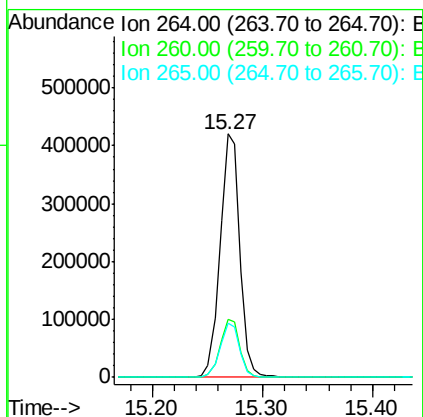
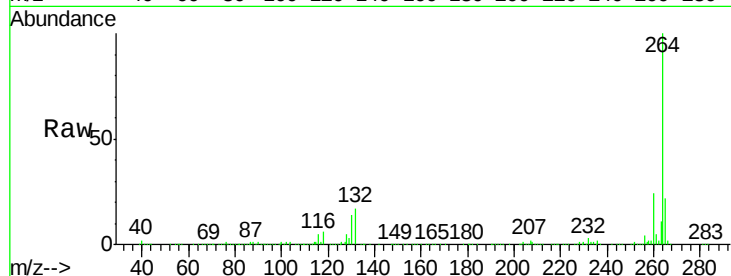




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

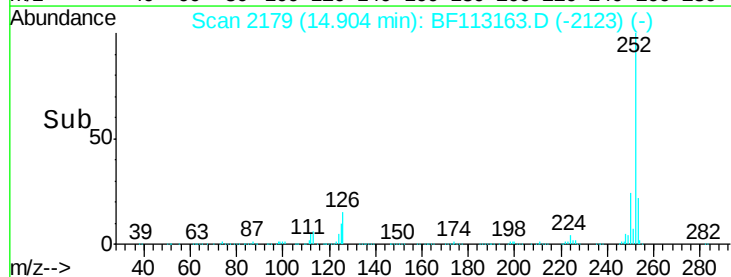
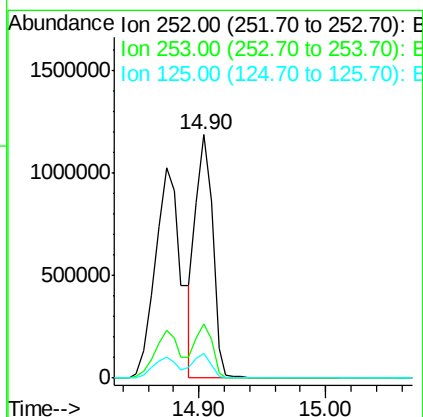
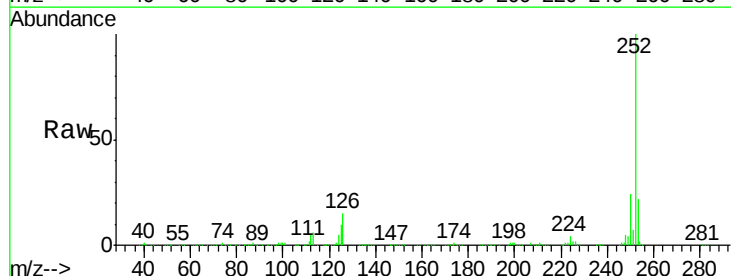
Instrument :
BNA_F
ClientSampled :

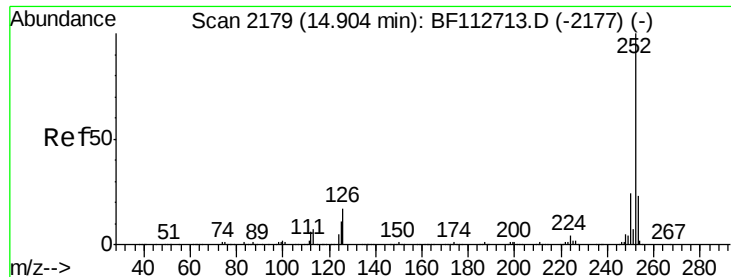
Tot Ion:264 Resp: 522521
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.1 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 32.348 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.03 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion:252 Resp: 1093318
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.2 10.2 15.2

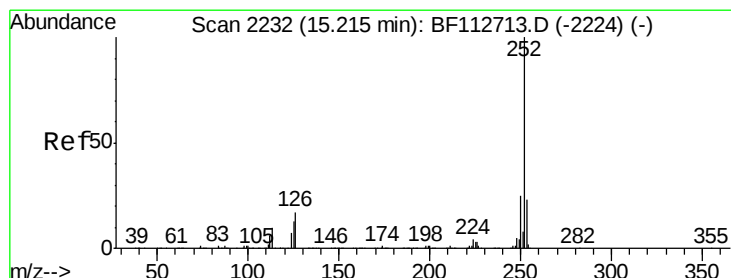
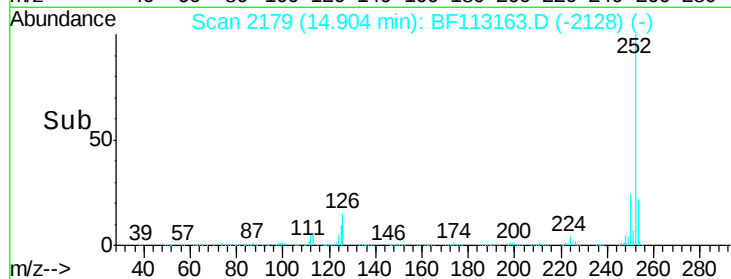
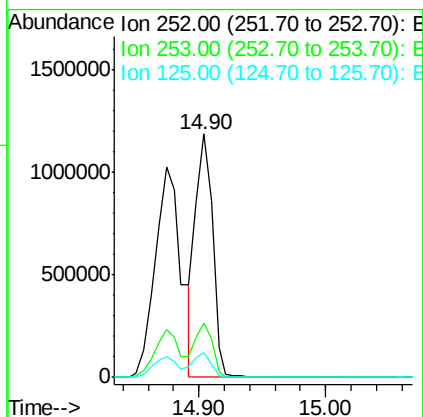
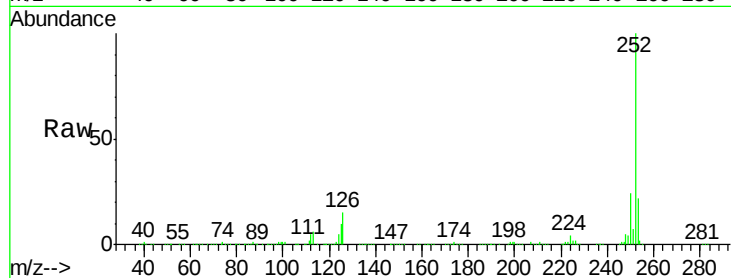




#89
Benzo(k)fluoranthene
Concen: 35.713 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

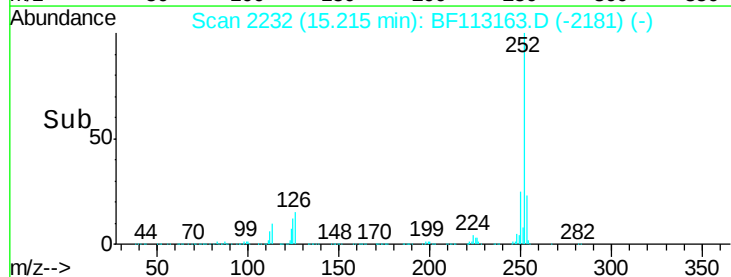
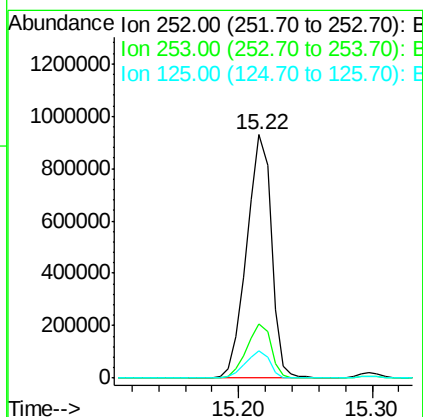
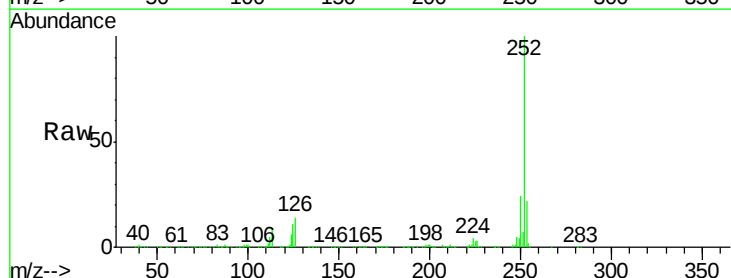
Instrument :
BNA_F
ClientSampleId :

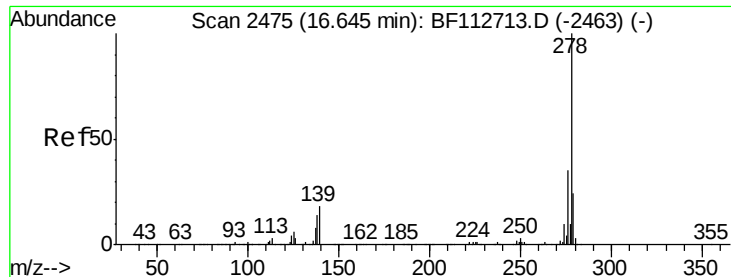
Tot Ion:252 Resp: 1093318
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.2 9.8 14.6



#90
Benzo(a)pyrene
Concen: 39.606 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion:252 Resp: 1184032
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.4 10.7 16.1

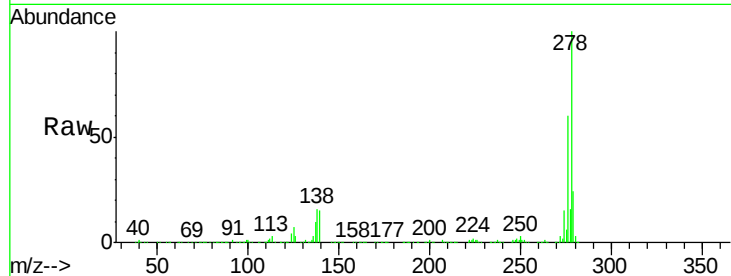




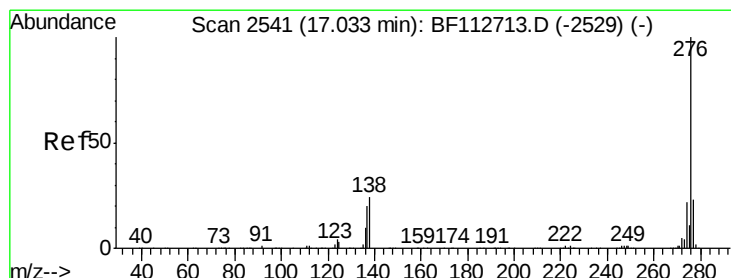
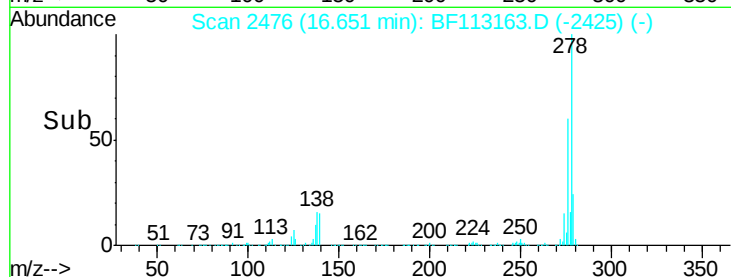
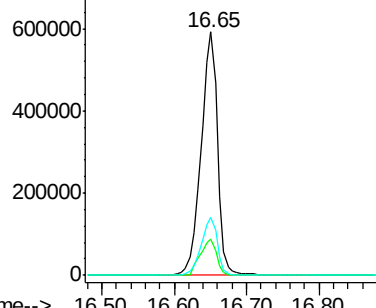
#91
Dibenzo(a,h)anthracene
Concen: 36.635 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	14.3	21.5
279	23.7	19.4	29.0

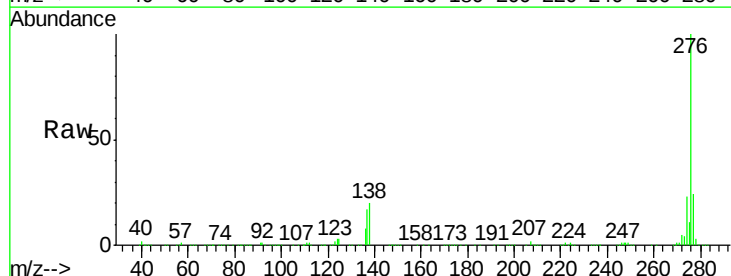


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.732 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113163.D
Acq: 20 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	20.3	19.4	29.0



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

