

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
 Data File : BF113244.D
 Acq On : 22 Mar 2019 19:45
 Operator : JU/SJ
 Sample : K2024-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 23:28:39 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	169831	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	648950	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	300559	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	486771	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	399510	20.00	ng	-0.01
87) Perylene-d12	15.27	264	447256	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	576533	52.81	ng	-0.01
7) Phenol-d6	6.36	99	1017138	74.16	ng	-0.01
23) Nitrobenzene-d5	7.27	82	706681	65.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	105398	33.03	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	1249276	64.66	ng	-0.02
79) Terphenyl-d14	12.81	244	1071008	51.97	ng	-0.01

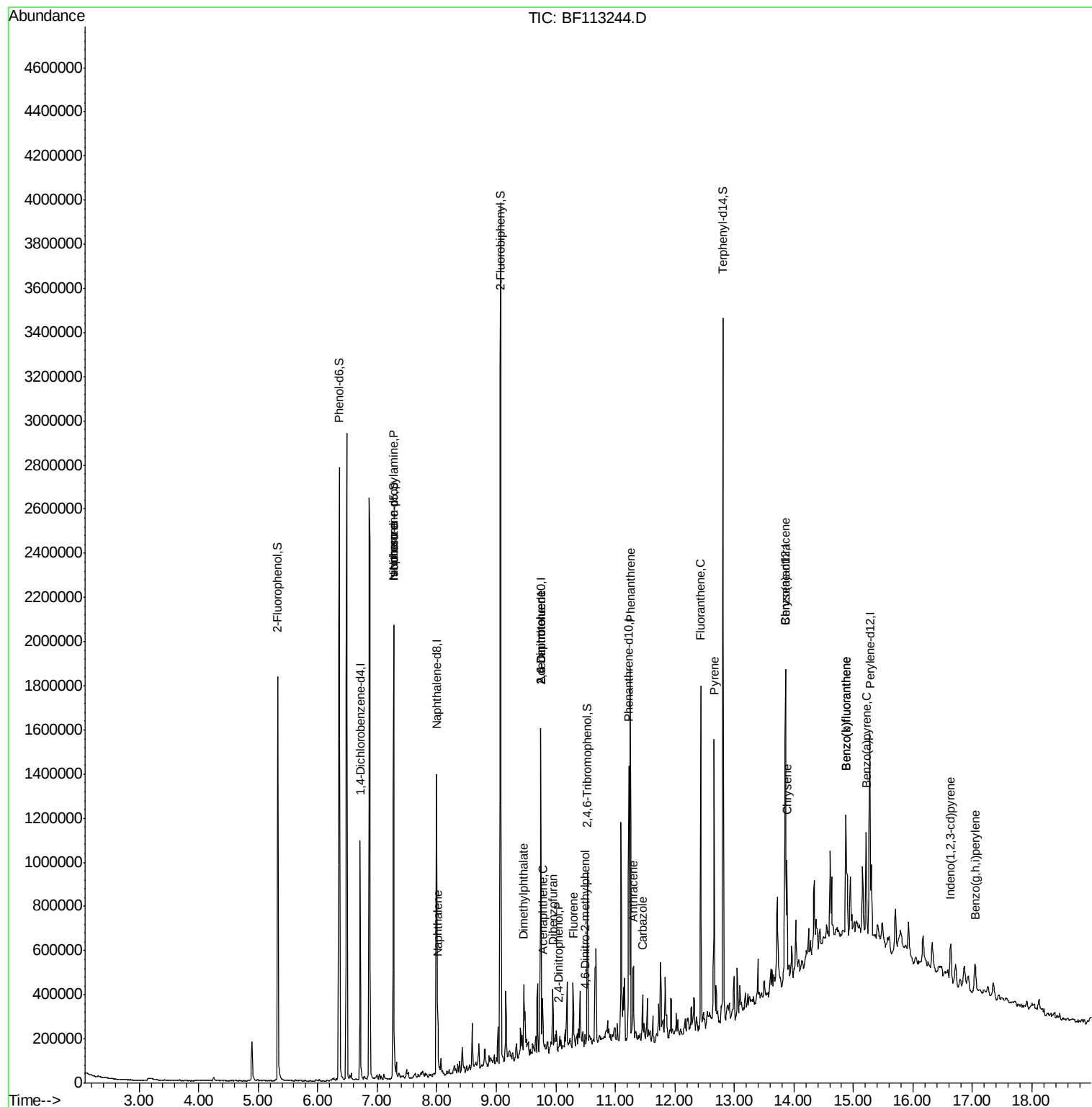
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	91474	10.531	ng	# 77
25) Isophorone	7.27	82	691177	29.583	ng	# 66
31) Naphthalene	8.02	128	119866	3.720	ng	# 98
50) Dimethylphthalate	9.46	163	102409	4.621	ng	# 99
51) 2,6-Dinitrotoluene	9.75	165	40808	8.843	ng	# 19
52) Acenaphthene	9.78	154	51718	2.721	ng	# 96
54) 2,4-Dinitrophenol	10.05	184	398	6.647	ng	# 38
55) Dibenzofuran	9.95	168	63853	2.312	ng	# 93
57) 2,4-Dinitrotoluene	9.75	165	40808	7.114	ng	# 18
58) Fluorene	10.29	166	67651	3.451	ng	# 98
65) 4,6-Dinitro-2-methylphenol	10.49	198	241	4.722	ng	# 1
71) Phenanthrene	11.25	178	583608	24.097	ng	# 99
72) Anthracene	11.30	178	144005	5.680	ng	# 97
73) Carbazole	11.46	167	82547	3.338	ng	# 98
75) Fluoranthene	12.44	202	638359	24.602	ng	# 95
78) Pyrene	12.66	202	539626	16.022	ng	# 99
81) Benzo(a)anthracene	13.85	228	259177	9.360	ng	# 100
83) Chrysene	13.89	228	238026	8.776	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.63	276	119238	5.157	ng	# 88
88) Benzo(b)fluoranthene	14.87	252	409237	14.146	ng	# 98
89) Benzo(k)fluoranthene	14.87	252	409237	15.617	ng	# 98
90) Benzo(a)pyrene	15.22	252	223532	8.736	ng	# 96
92) Benzo(g,h,i)perylene	17.04	276	104768	4.778	ng	# 96

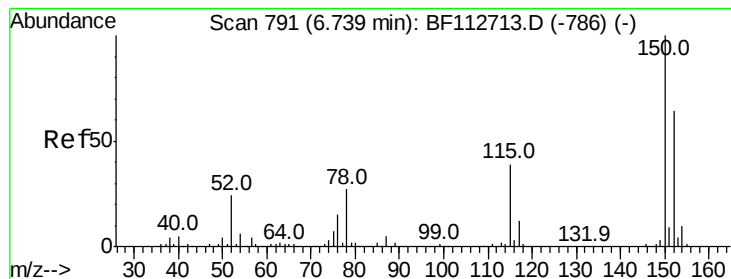
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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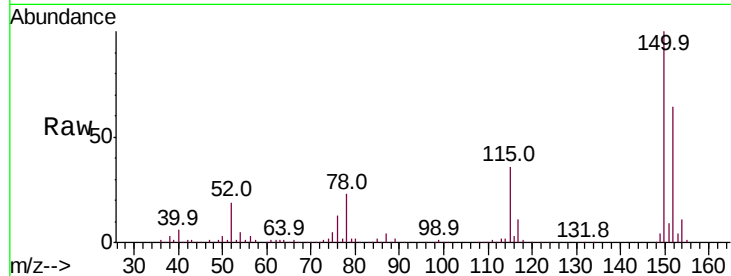


#1

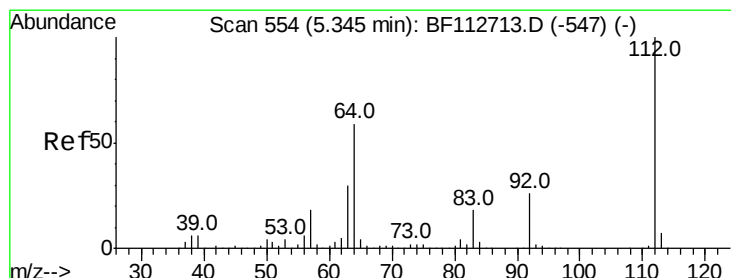
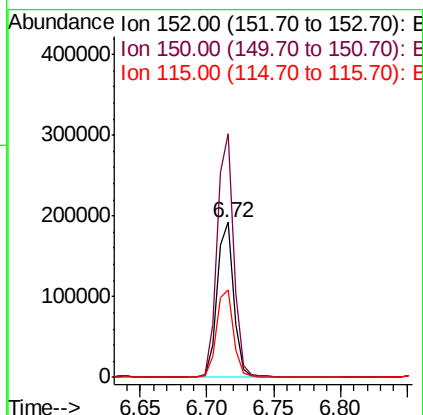
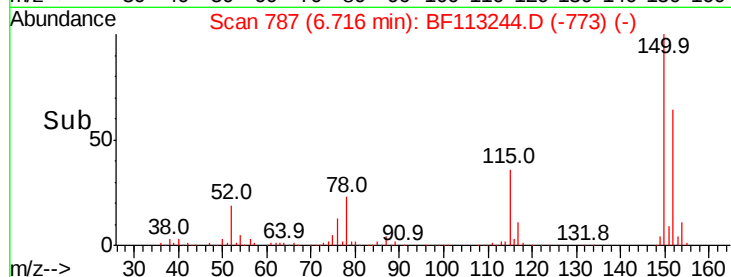
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169831
Ion Ratio Lower Upper
152 100
150 157.3 124.2 186.2
115 56.2 48.2 72.4



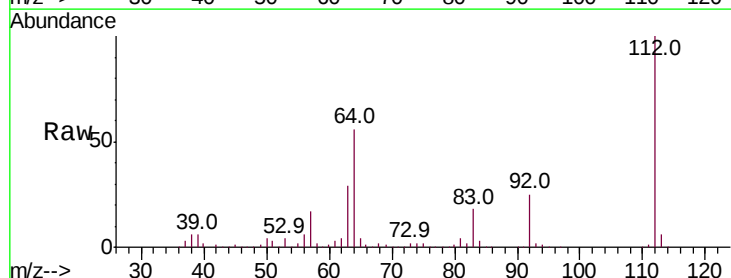
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



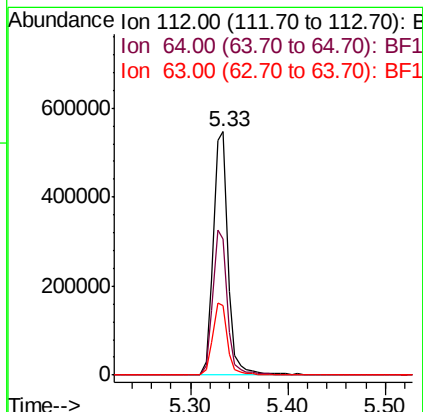
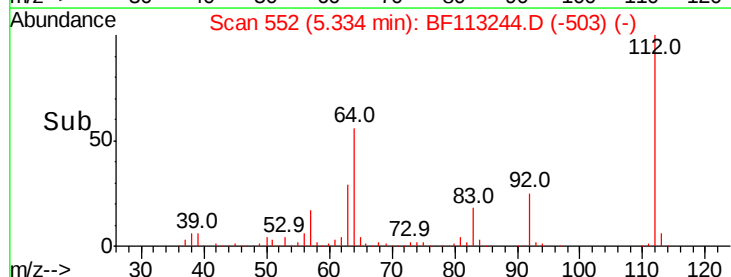
#5

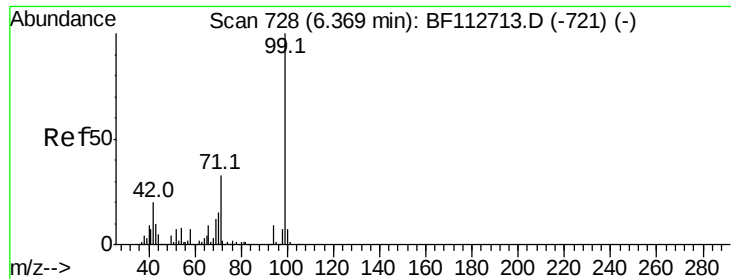
2-Fluorophenol
Concen: 52.807 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Tgt Ion:112 Resp: 576533
Ion Ratio Lower Upper
112 100
64 56.0 47.6 71.4
63 28.5 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 74.165 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

Instrument :

BNA_F

ClientSampled :

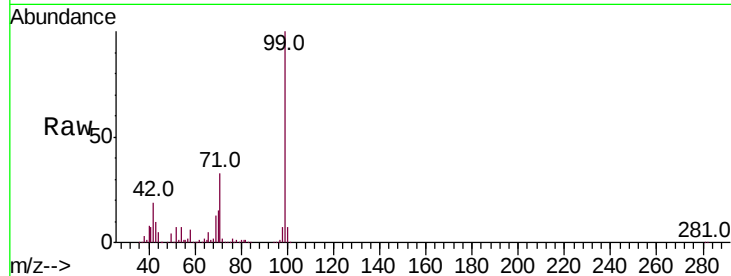
Tot Ion: 99 Resp: 1017138

Ion Ratio Lower Upper

99 100

42 19.2 16.3 24.5

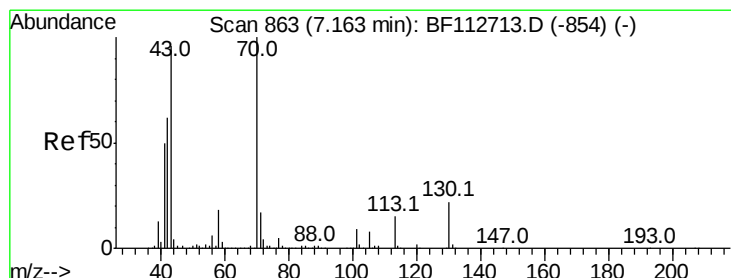
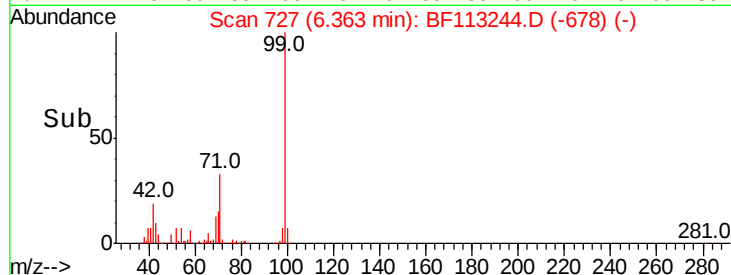
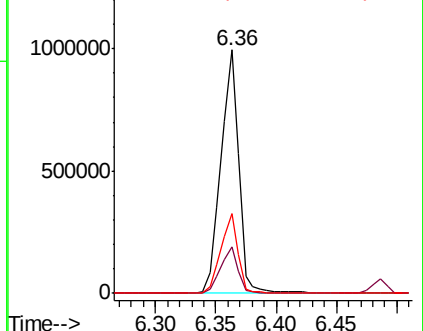
71 32.7 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.531 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.12 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

Tgt Ion: 70 Resp: 91474

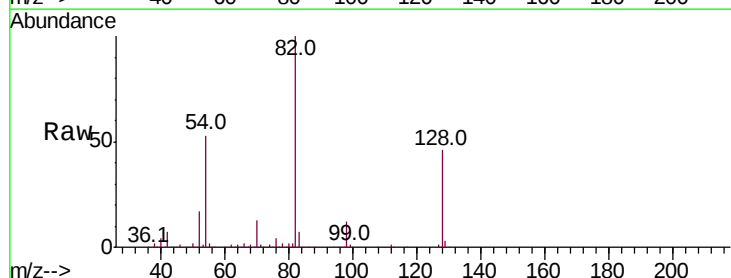
Ion Ratio Lower Upper

70 100

42 50.1 49.9 74.9

101 0.0 7.4 11.2#

130 2.4 17.4 26.2#

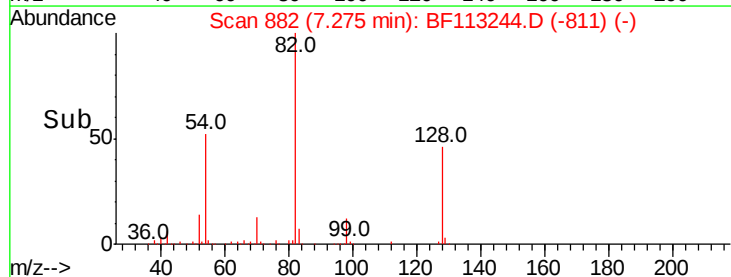
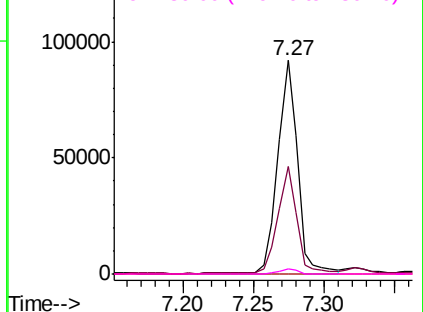


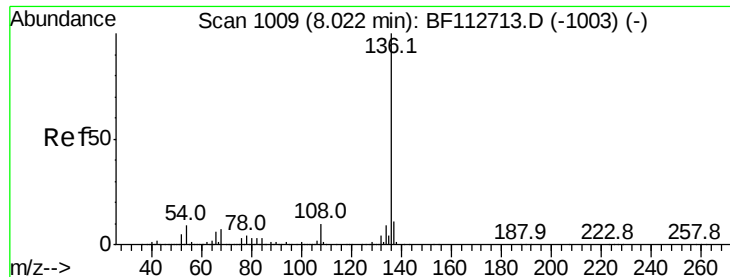
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 648950

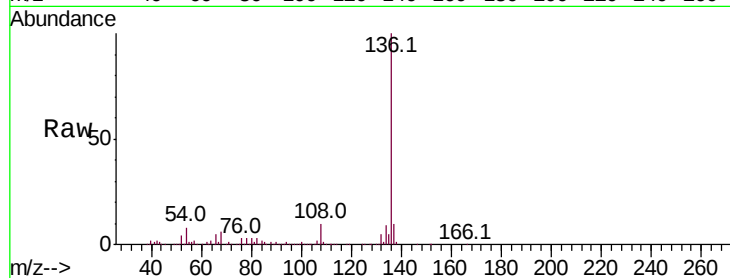
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.7 7.3 10.9

68 5.9 5.4 8.2

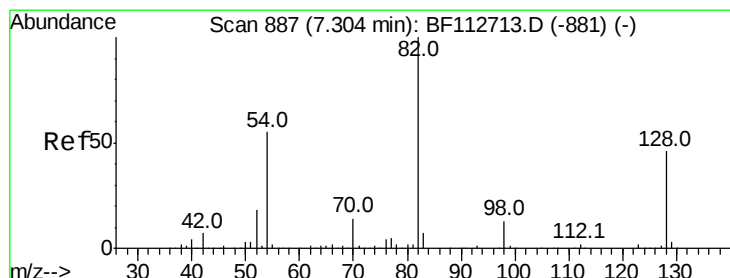
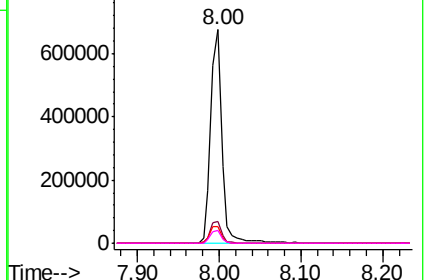
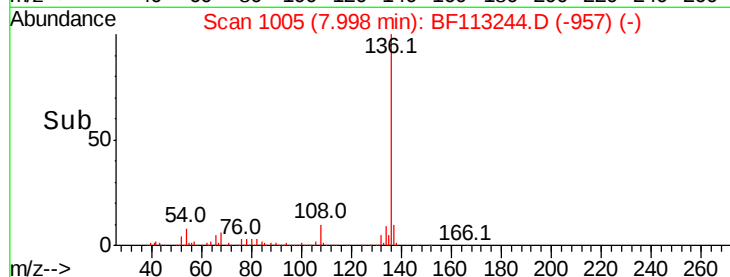


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 65.161 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

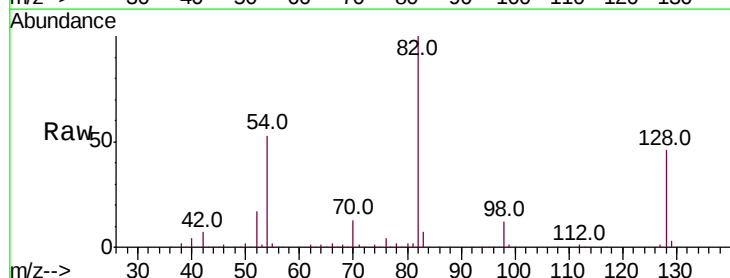
Tgt Ion: 82 Resp: 706681

Ion Ratio Lower Upper

82 100

128 46.0 36.3 54.5

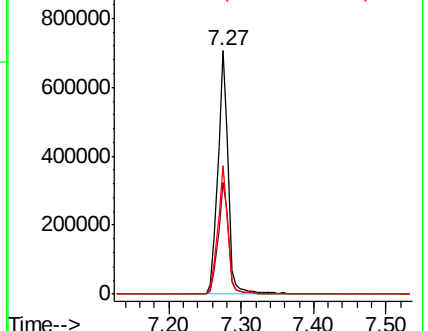
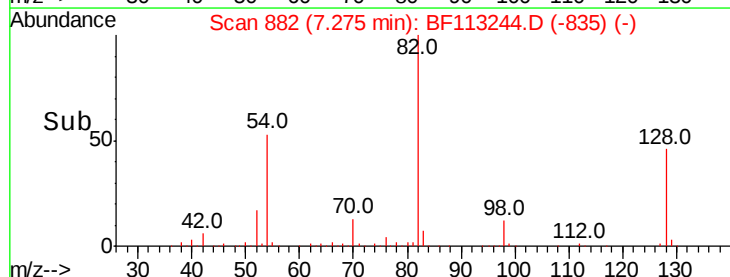
54 52.7 43.7 65.5

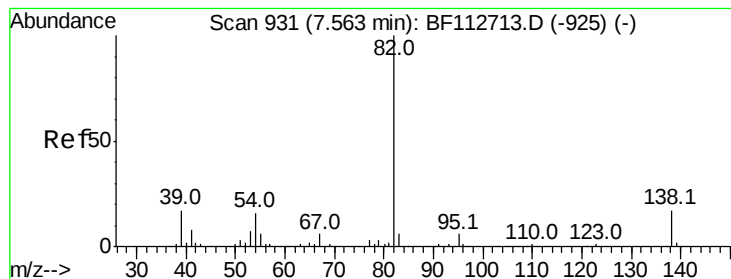


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.583 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.28 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

Instrument :

BNA_F

ClientSampleId :

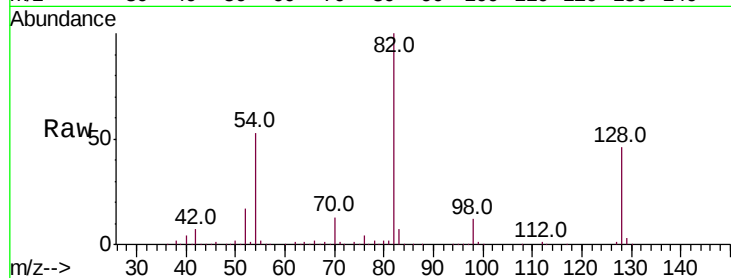
Tot Ion: 82 Resp: 691177

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

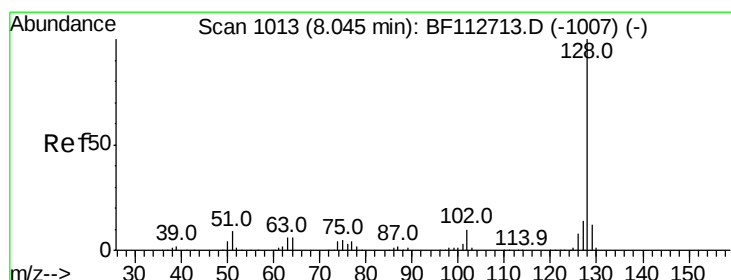
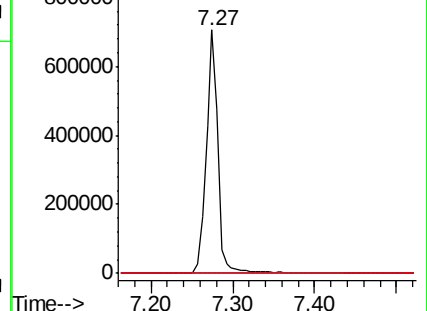
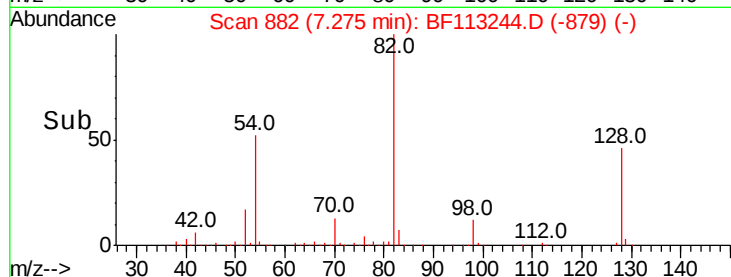
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 3.720 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

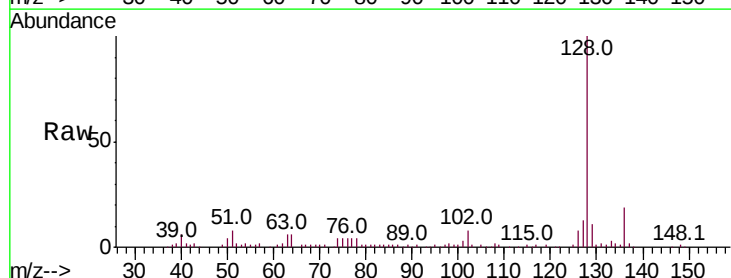
Tgt Ion: 128 Resp: 119866

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

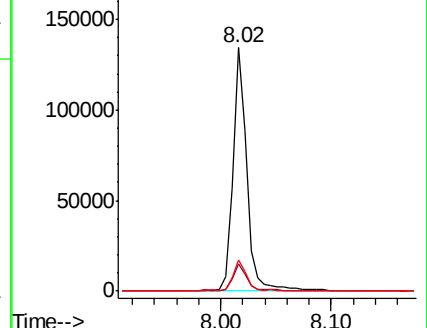
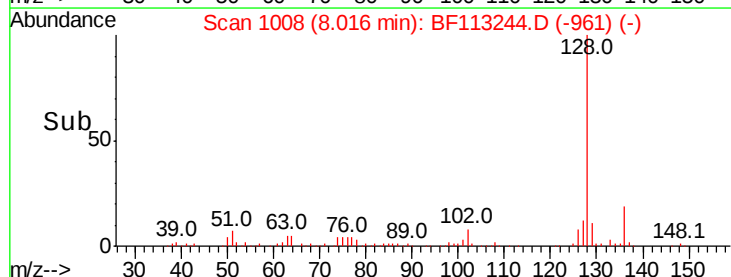
127 12.6 10.9 16.3

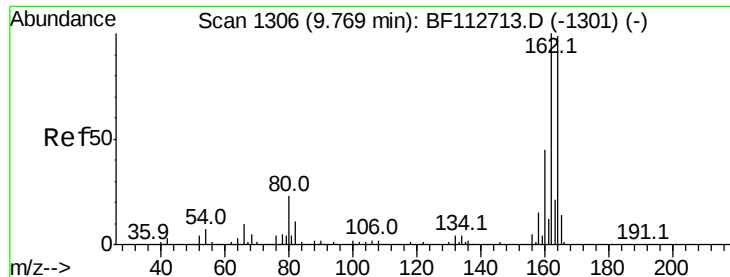


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

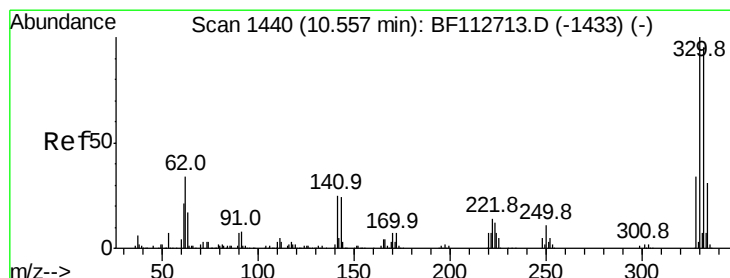
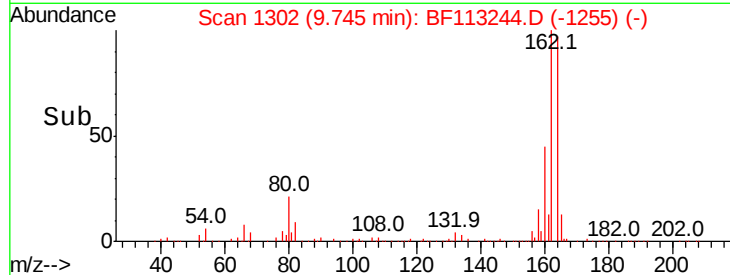
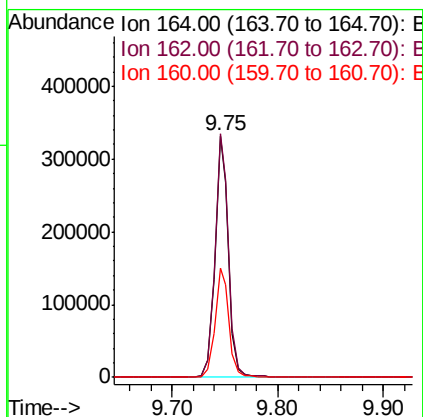
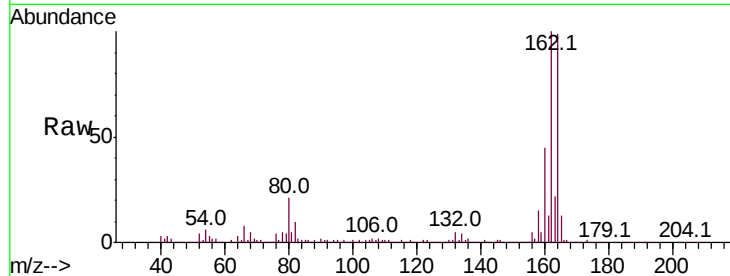




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF113244.D
 Acq: 22 Mar 2019 19:45

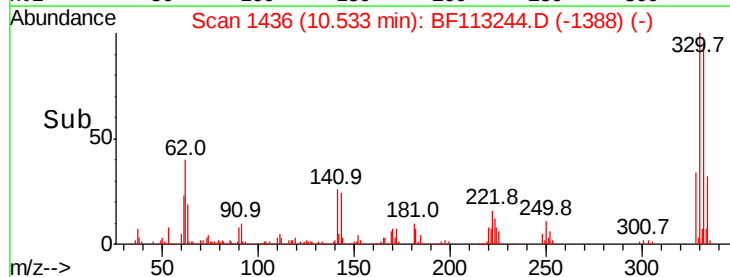
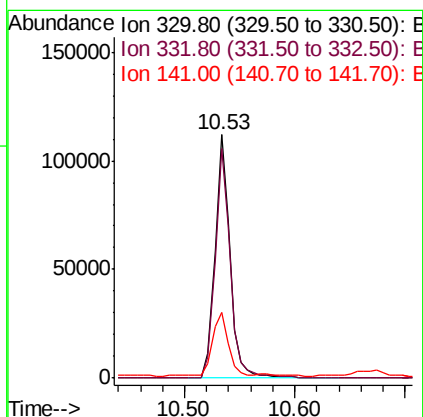
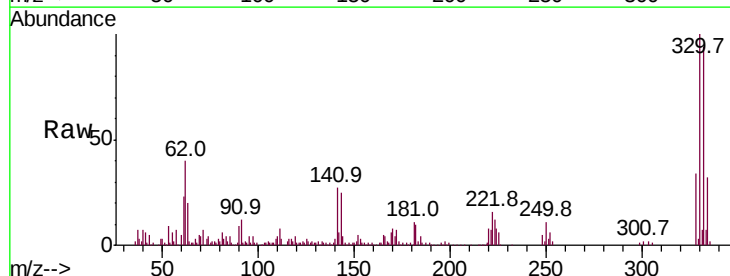
Instrument :
 BNA_F
 ClientSampleId :

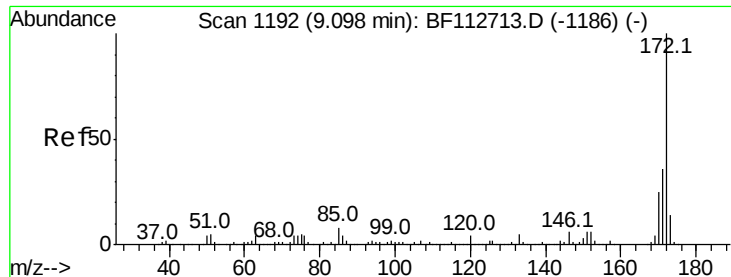
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	45.1	36.0	54.0



#42
 2,4,6-Tribromophenol
 Concen: 33.032 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF113244.D
 Acq: 22 Mar 2019 19:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.2	114.4
141	26.4	27.0	40.6#

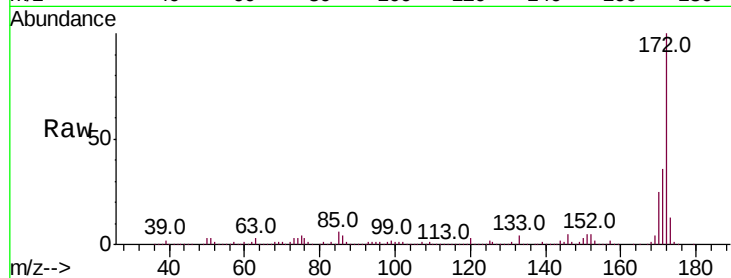




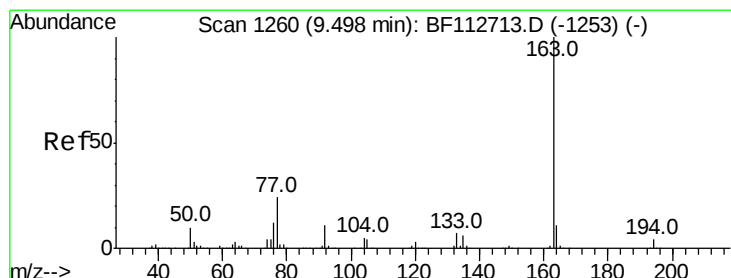
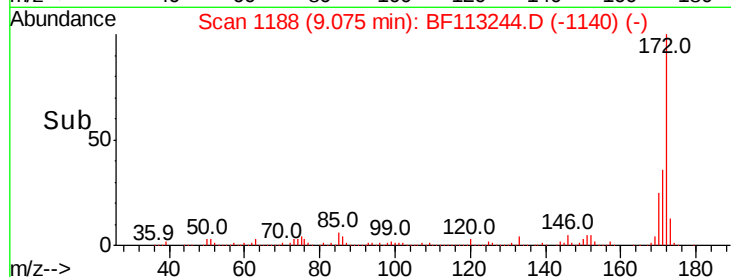
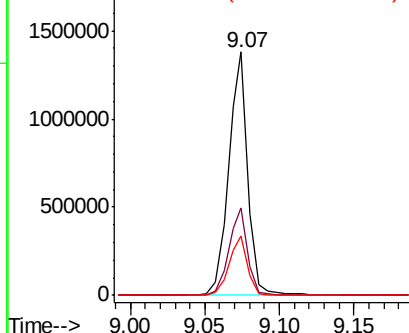
#45
2-Fluorobiphenyl
Concen: 64.655 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1249276
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.5 20.0 30.0

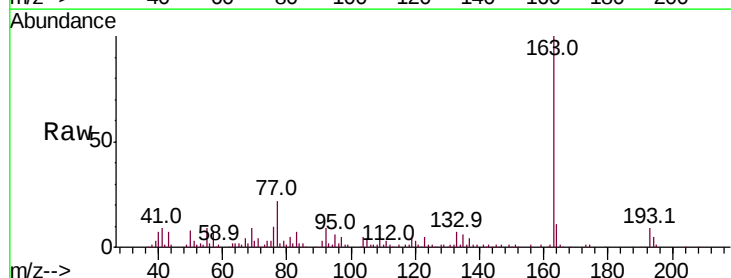


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

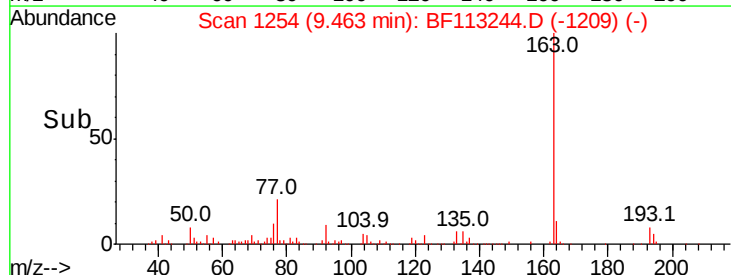
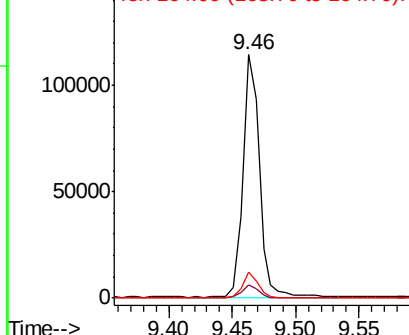


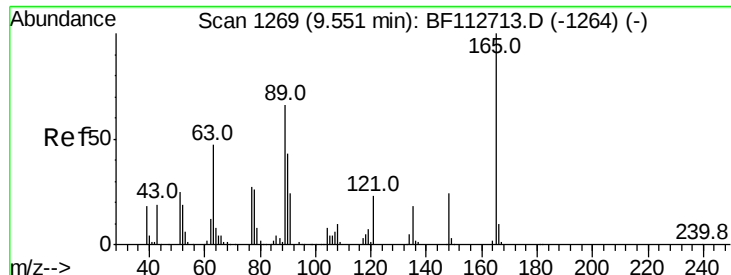
#50
Dimethylphthalate
Concen: 4.621 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Tgt Ion:163 Resp: 102409
Ion Ratio Lower Upper
163 100
194 5.3 3.0 4.4#
164 10.6 8.4 12.6



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

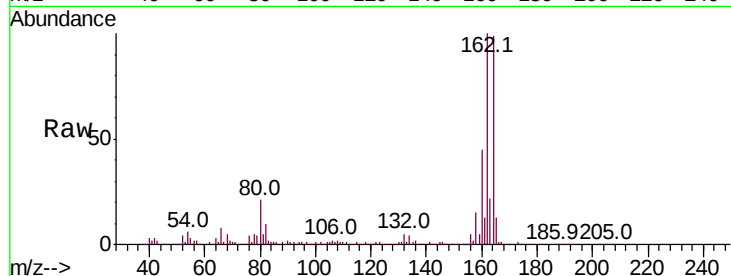




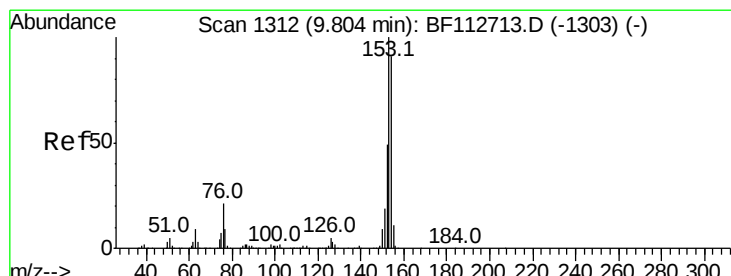
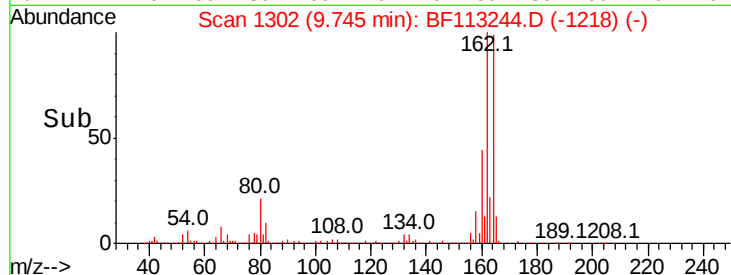
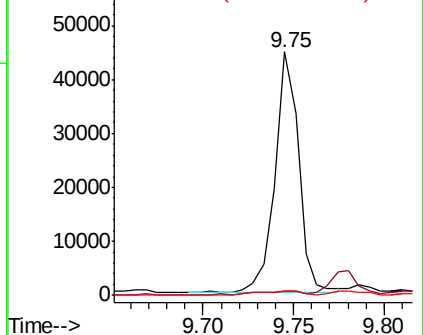
#51
2,6-Dinitrotoluene
Concen: 8.843 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.19 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 40808
Ion Ratio Lower Upper
165 100
63 1.8 54.1 81.1#
89 1.7 52.8 79.2#

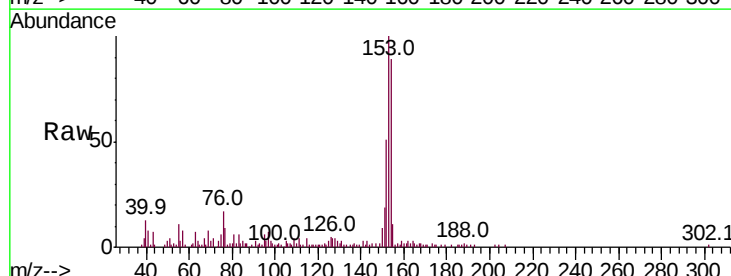


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

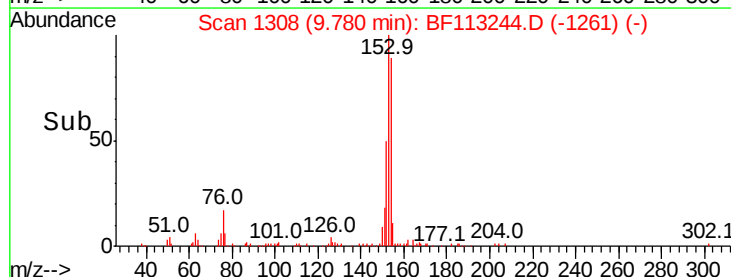
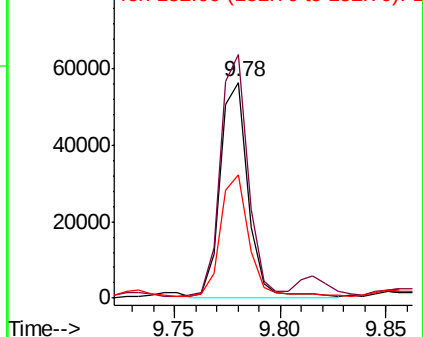


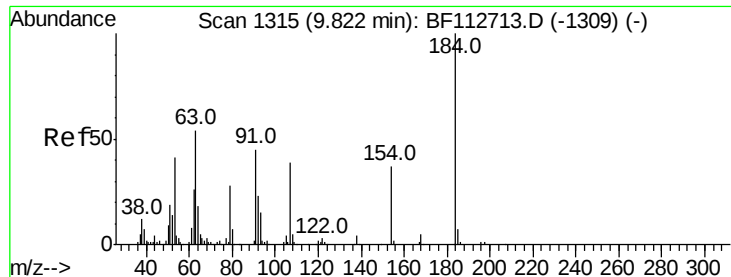
#52
Acenaphthene
Concen: 2.721 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Tgt Ion:154 Resp: 51718
Ion Ratio Lower Upper
154 100
153 112.8 87.8 131.8
152 57.3 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

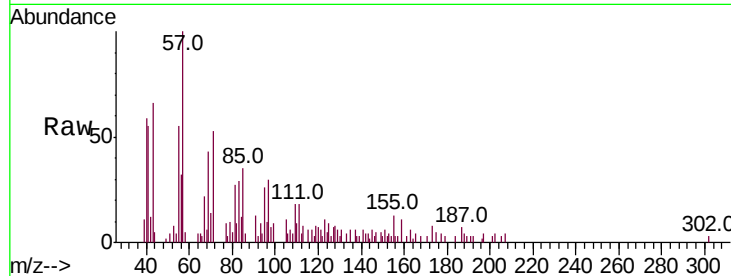




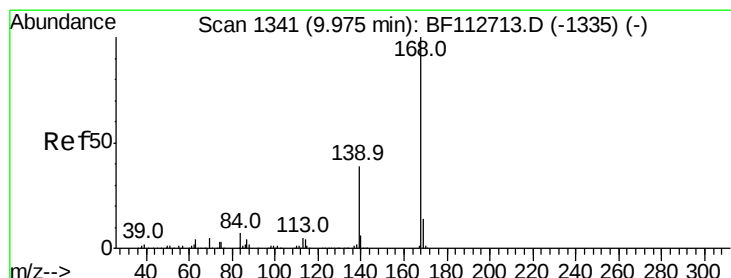
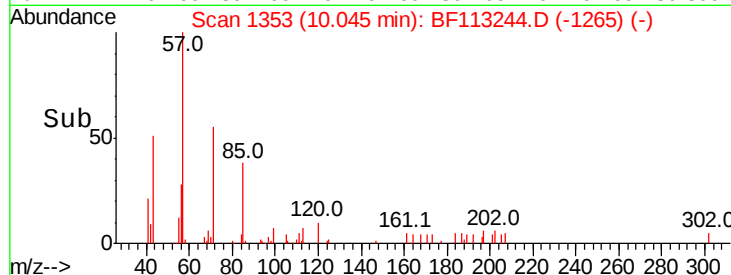
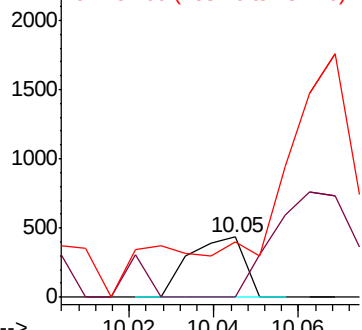
#54
2,4-Dinitrophenol
Concen: 6.647 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.22 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 398
Ion Ratio Lower Upper
184 100
63 0.0 45.3 67.9#
154 92.7 46.0 69.0#

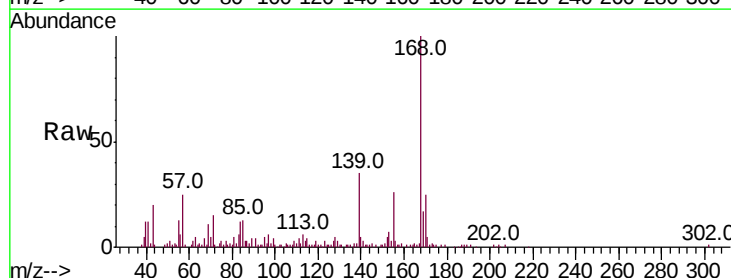


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

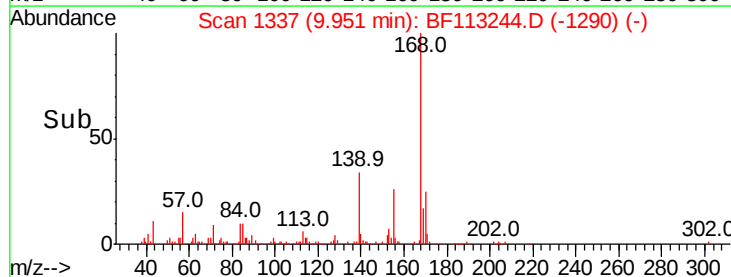
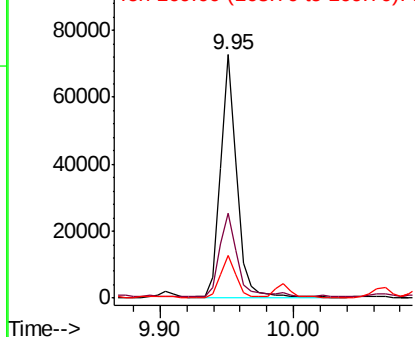


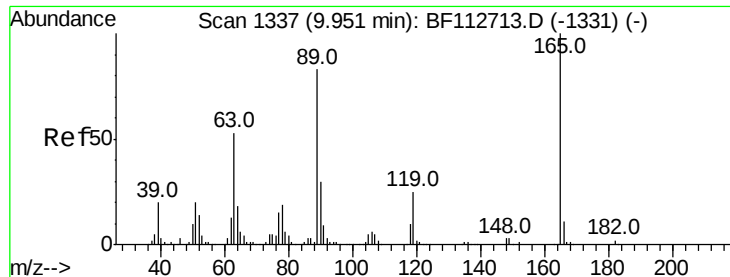
#55
Dibenzofuran
Concen: 2.312 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Tgt Ion:168 Resp: 63853
Ion Ratio Lower Upper
168 100
139 34.8 31.3 46.9
169 17.5 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

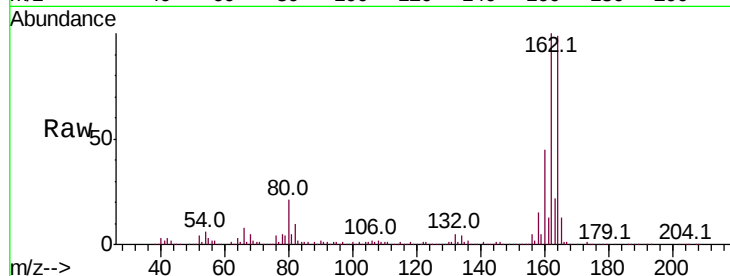




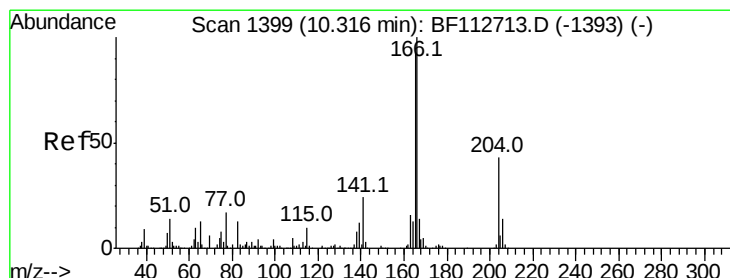
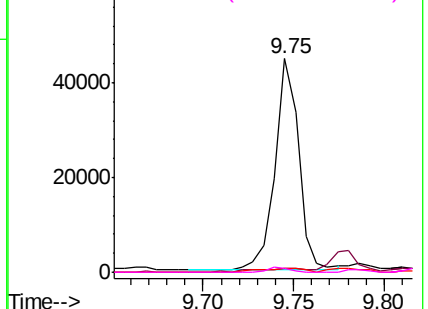
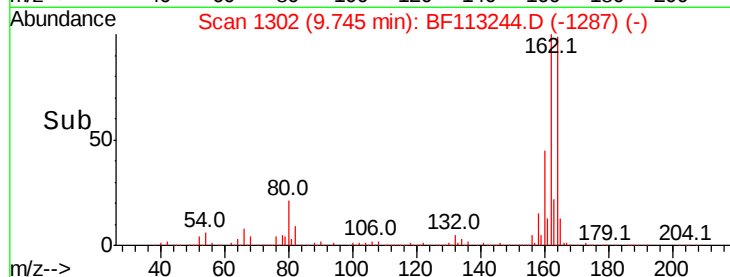
#57
2,4-Dinitrotoluene
Concen: 7.114 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	40808
Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.2	63.2#
89	1.7	66.2	99.4#
182	1.9	1.8	2.6

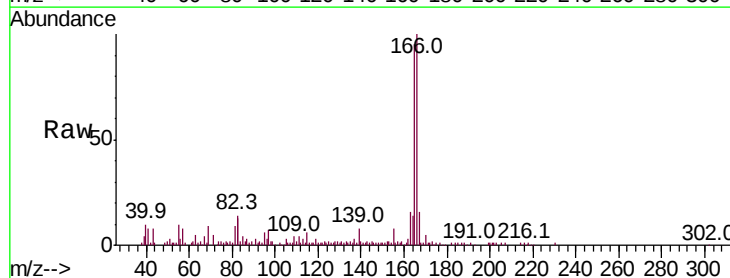


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

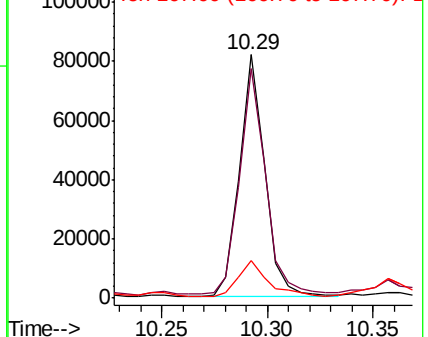
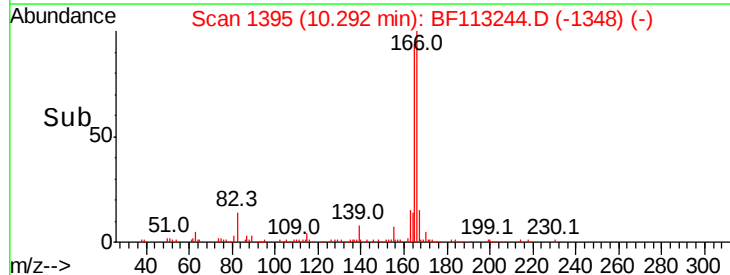


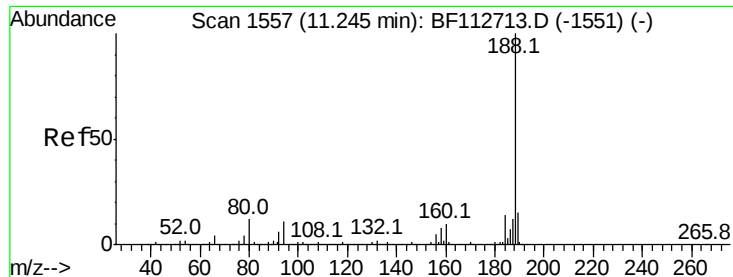
#58
Fluorene
Concen: 3.451 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Tgt Ion:	166	Resp:	67651
Ion	Ratio	Lower	Upper
166	100		
165	94.5	74.7	112.1
167	15.6	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

Instrument :

BNA_F

ClientSampleId :

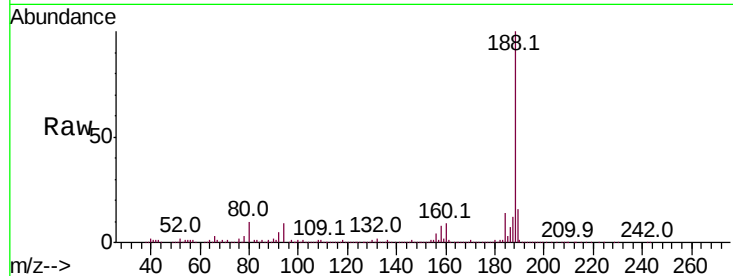
Tot Ion:188 Resp: 486771

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

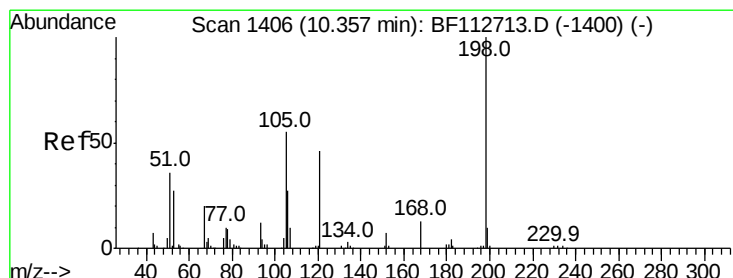
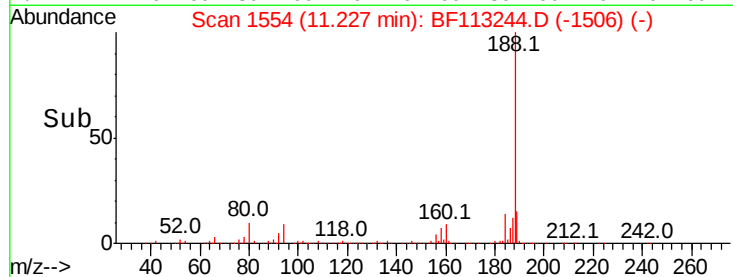
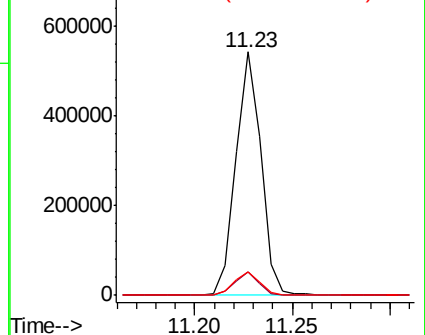
80 9.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.722 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.13 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

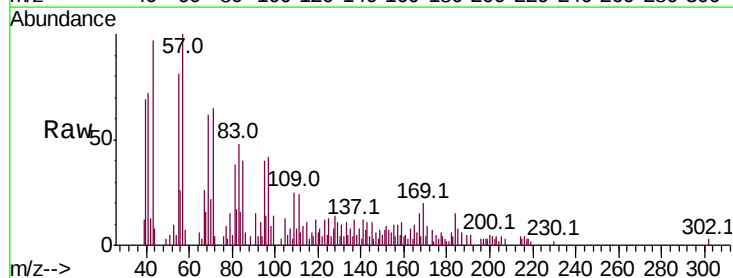
Tgt Ion:198 Resp: 241

Ion Ratio Lower Upper

198 100

51 160.8 43.8 83.8#

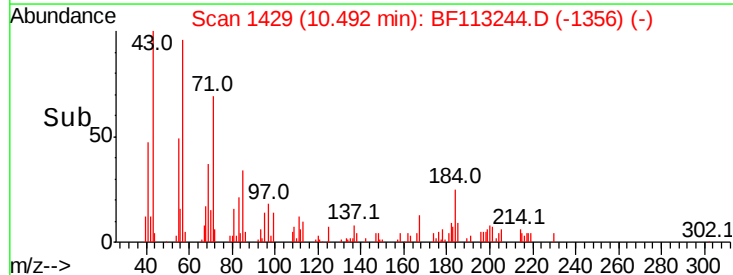
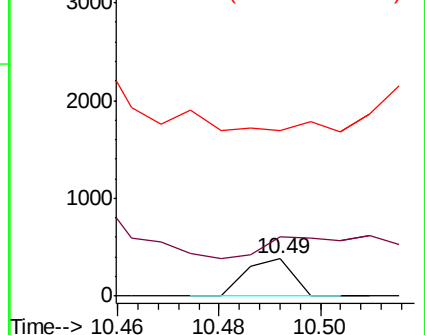
105 448.7 36.5 76.5#

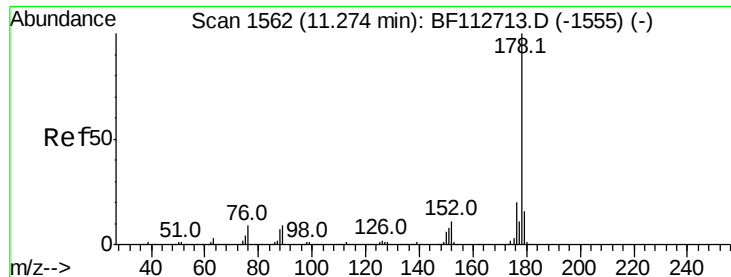


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

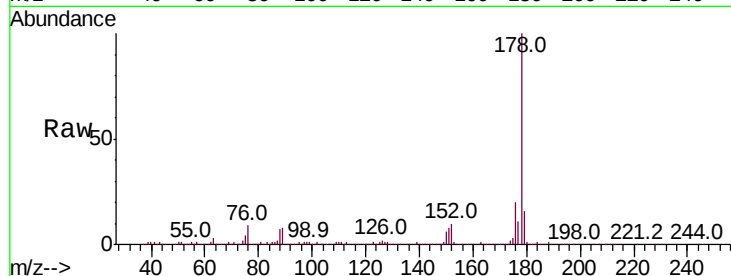




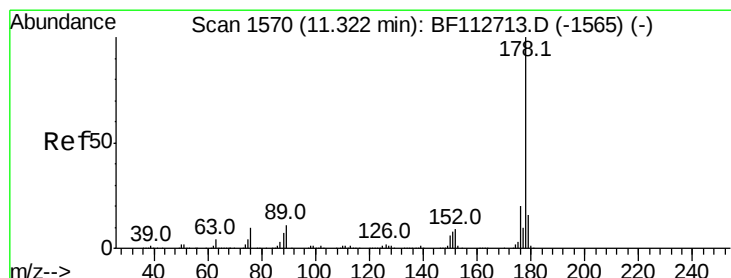
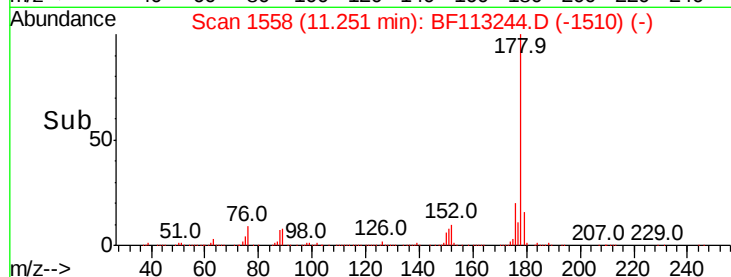
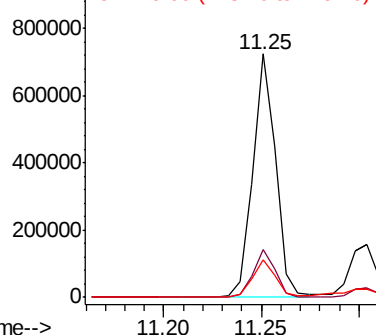
#71
Phenanthrene
Concen: 24.097 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 583608
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 15.7 12.7 19.1

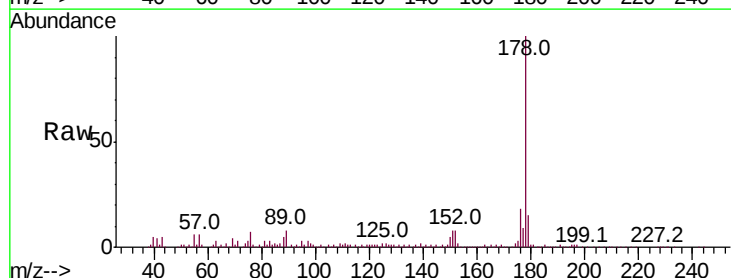


Abundance Ion 178.00 (177.70 to 178.70): E
1000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

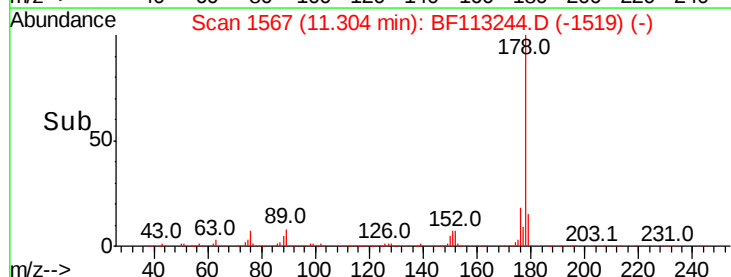
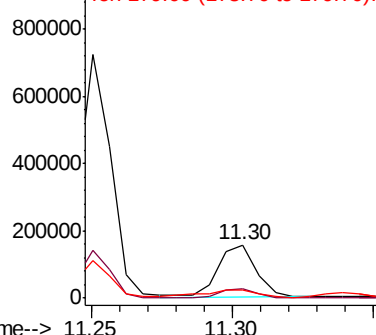


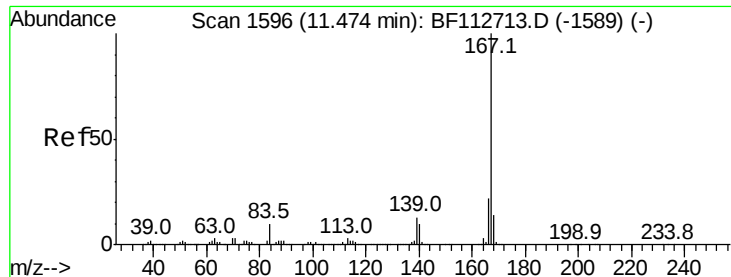
#72
Anthracene
Concen: 5.680 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Tgt Ion:178 Resp: 144005
Ion Ratio Lower Upper
178 100
176 18.3 15.8 23.6
179 15.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
1000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 3.338 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.02 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

Instrument :

BNA_F

ClientSampleId :

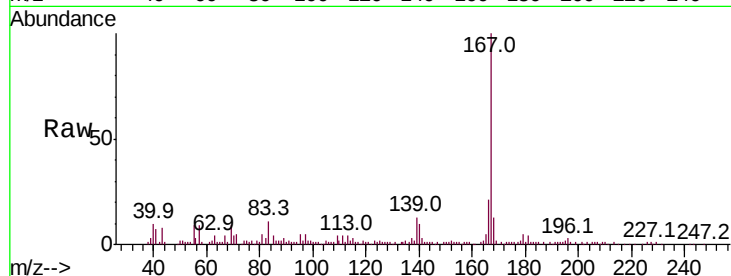
Tot Ion:167 Resp: 82547

Ion Ratio Lower Upper

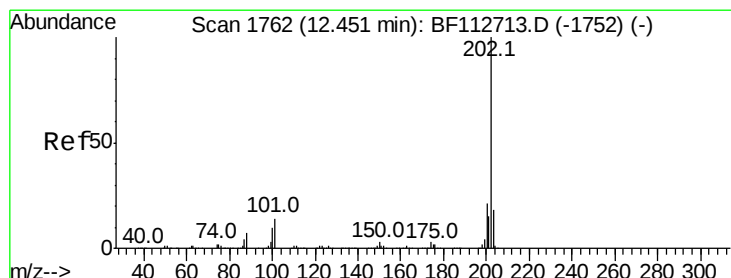
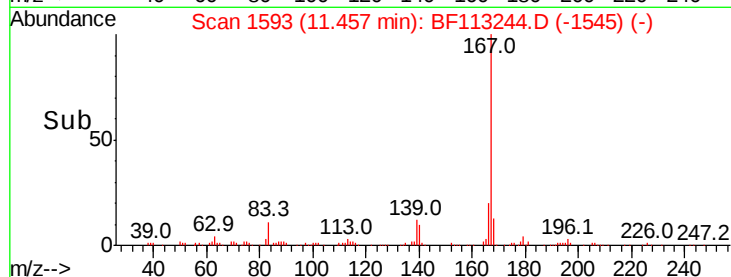
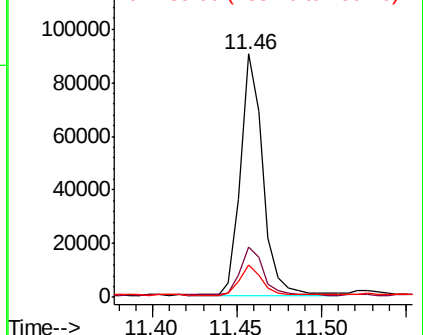
167 100

166 20.9 17.5 26.3

139 13.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#75

Fluoranthene

Concen: 24.602 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

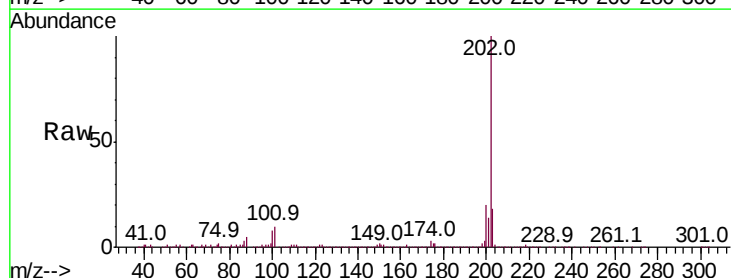
Tgt Ion:202 Resp: 638359

Ion Ratio Lower Upper

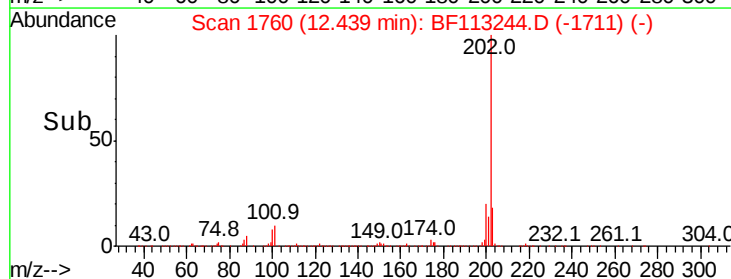
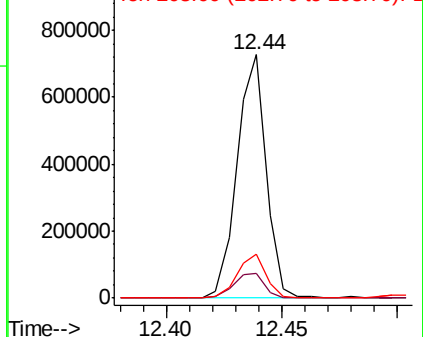
202 100

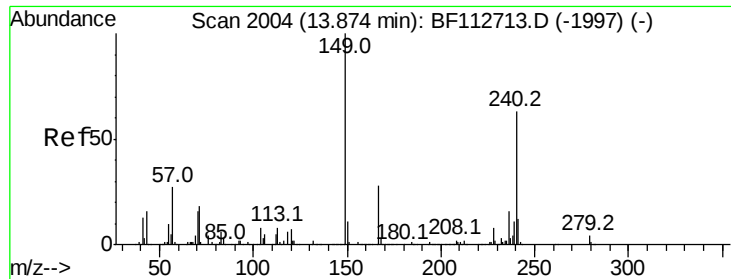
101 10.0 0.0 33.8

203 18.0 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: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

Instrument :

BNA_F

ClientSampled :

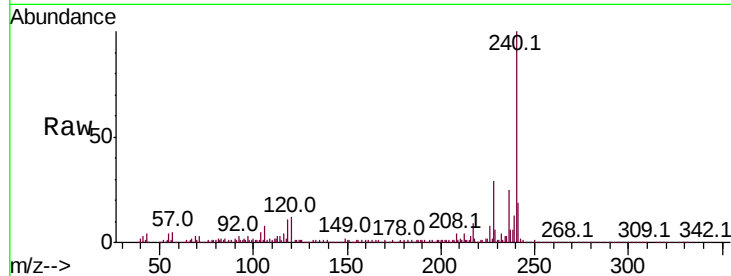
Tot Ion:240 Resp: 399510

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

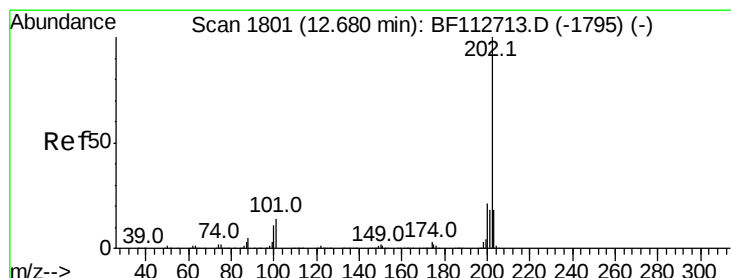
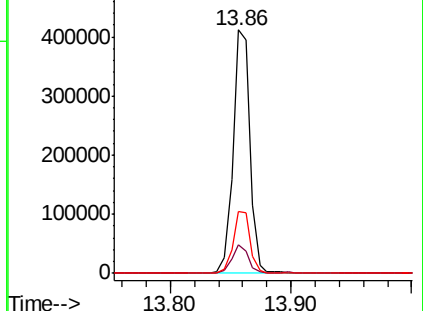
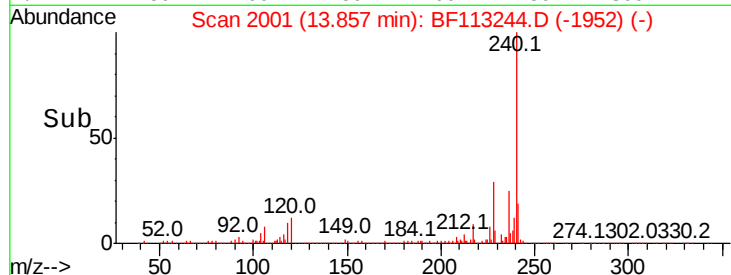
236 25.3 20.7 31.1



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



#78

Pyrene

Concen: 16.022 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

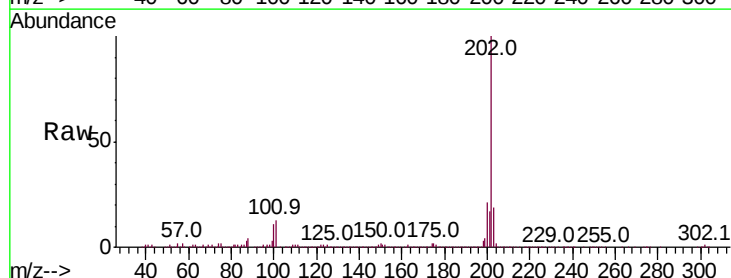
Tgt Ion:202 Resp: 539626

Ion Ratio Lower Upper

202 100

200 20.5 17.0 25.4

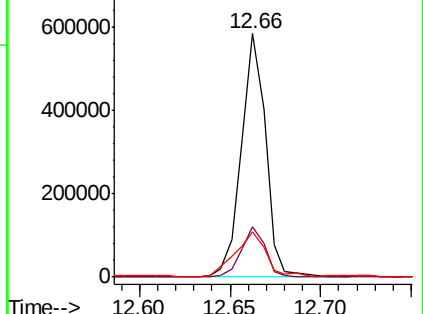
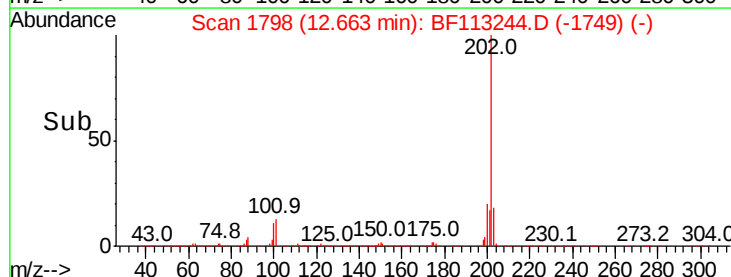
203 18.5 14.4 21.6

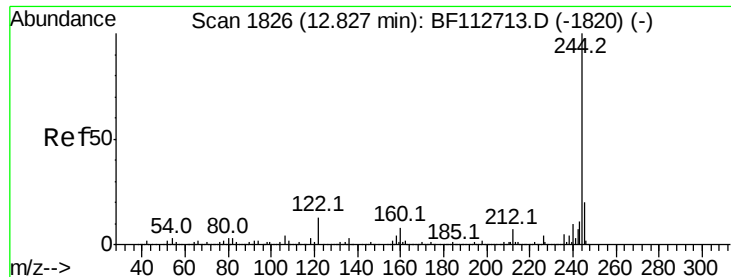


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 51.967 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

Instrument :

BNA_F

ClientSampleId :

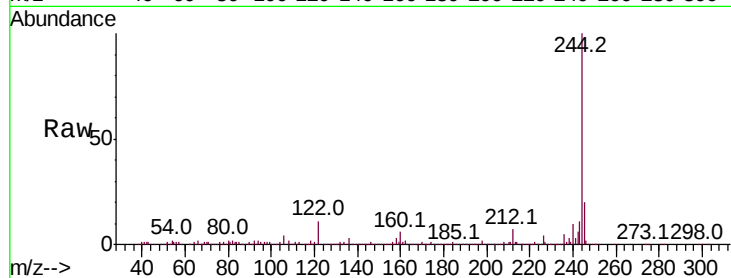
Tot Ion:244 Resp: 1071008

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

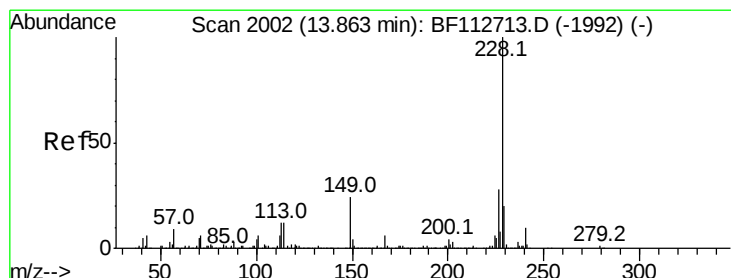
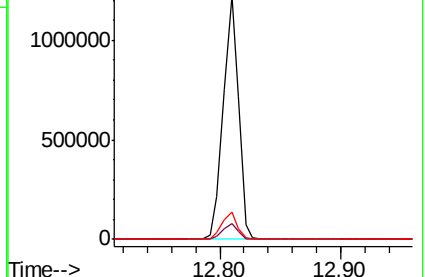
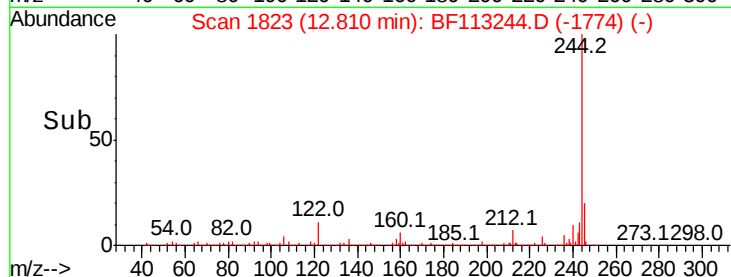
122 11.2 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 9.360 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

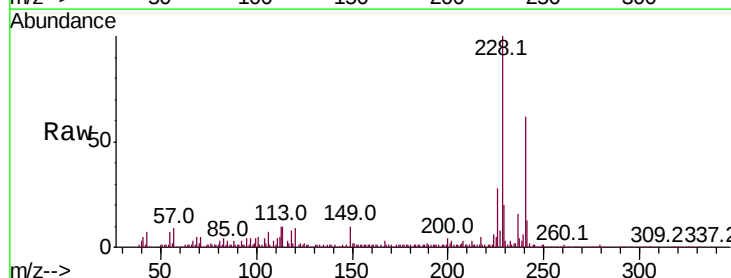
Tgt Ion:228 Resp: 259177

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

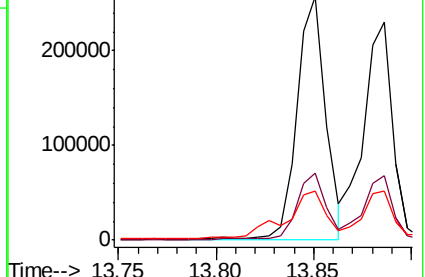
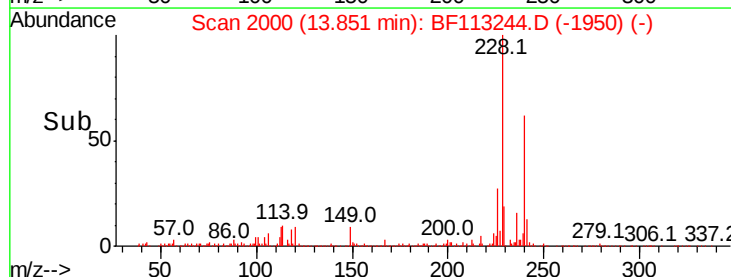
229 20.0 16.0 24.0

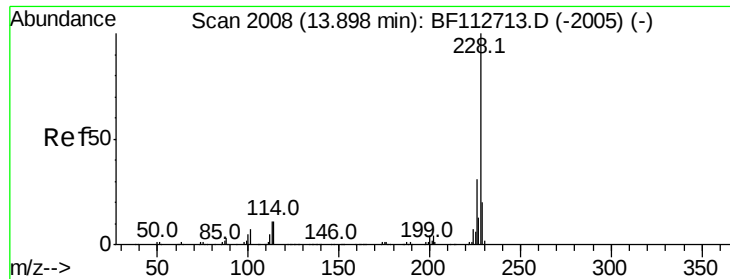


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

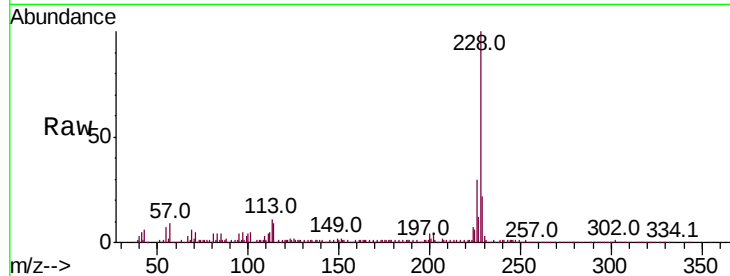




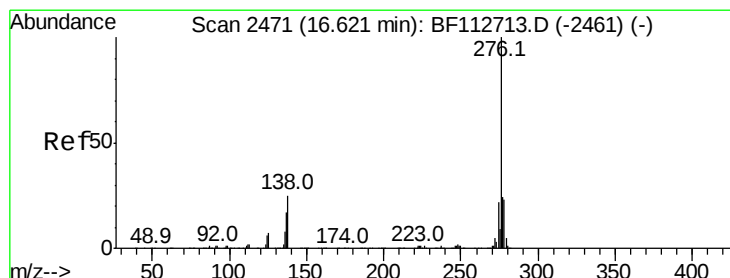
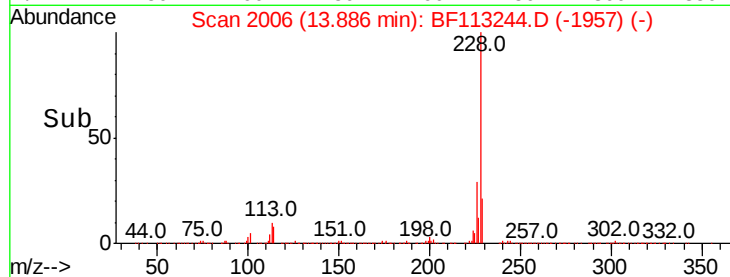
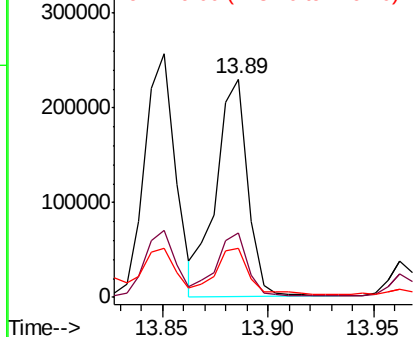
#83
Chrysene
Concen: 8.776 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228	Resp:	238026
Ion	Ratio	Lower Upper
228	100	
226	29.6	24.9 37.3
229	22.4	16.3 24.5

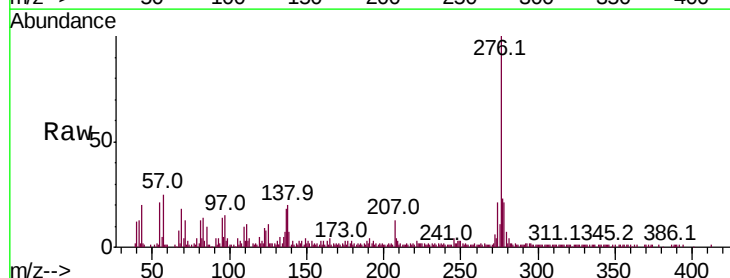


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

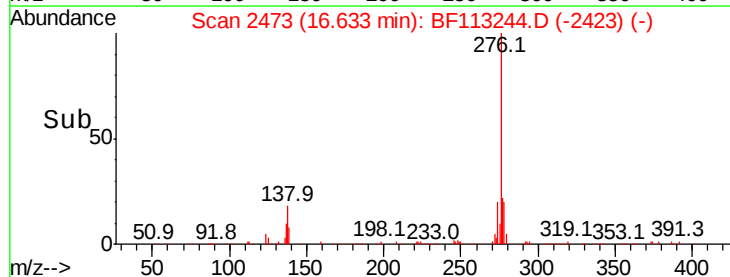
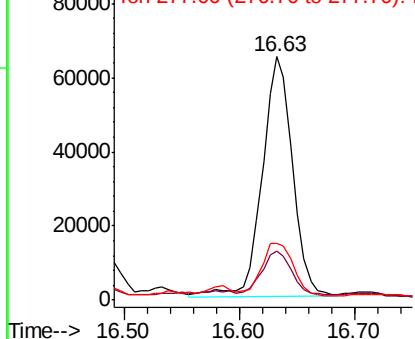


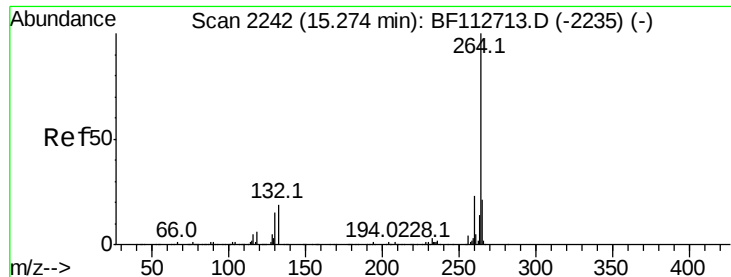
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.157 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Tgt Ion:276	Resp:	119238
Ion	Ratio	Lower Upper
276	100	
138	18.5	23.2 34.8#
277	23.4	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# 2242

Delta R.T. -0.00 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

Instrument :

BNA_F

ClientSampleId :

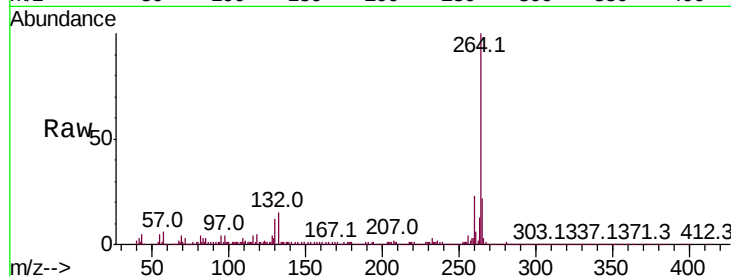
Tot Ion:264 Resp: 447256

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

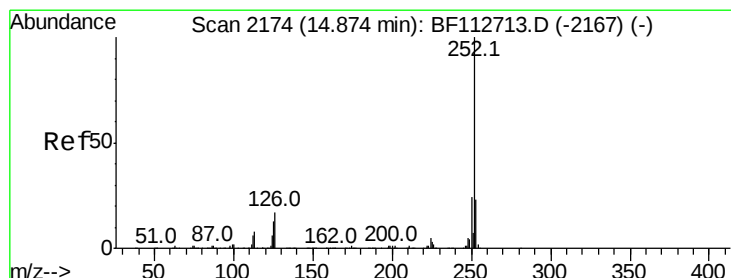
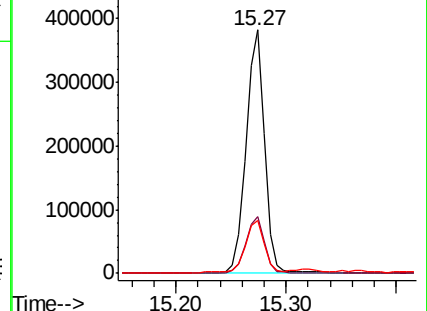
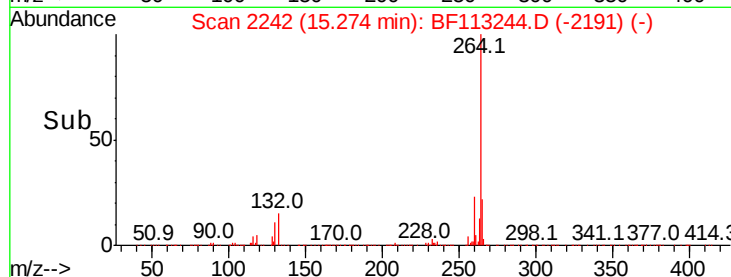
265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 14.146 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF113244.D

Acq: 22 Mar 2019 19:45

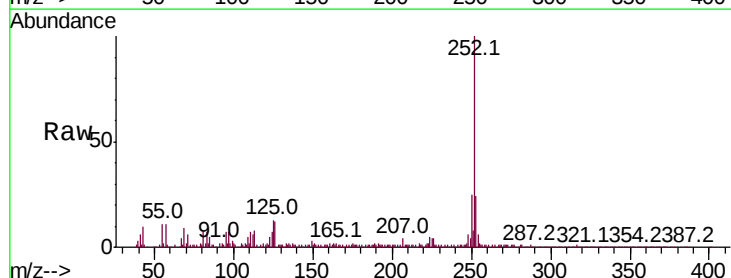
Tgt Ion:252 Resp: 409237

Ion Ratio Lower Upper

252 100

253 23.8 18.0 27.0

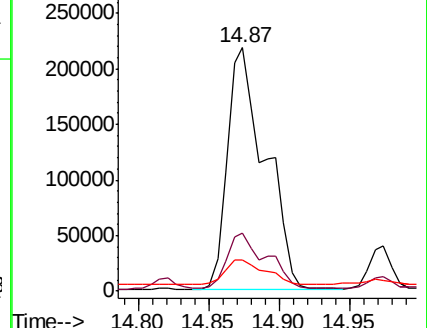
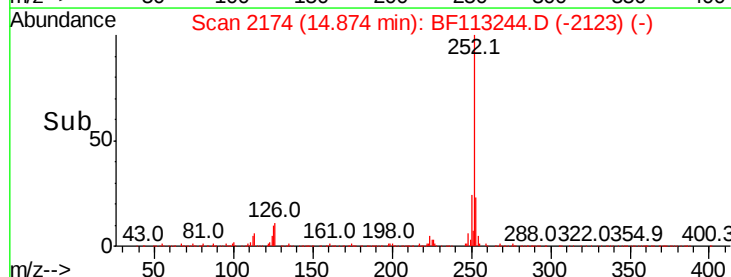
125 12.9 10.2 15.2

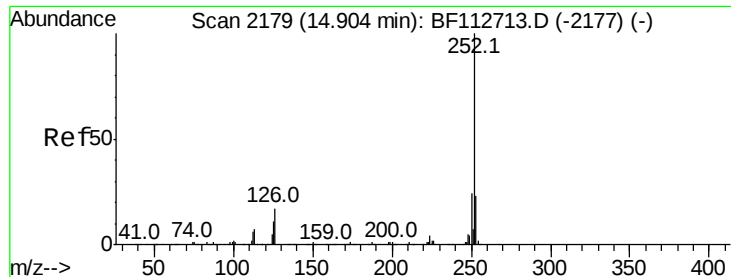


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

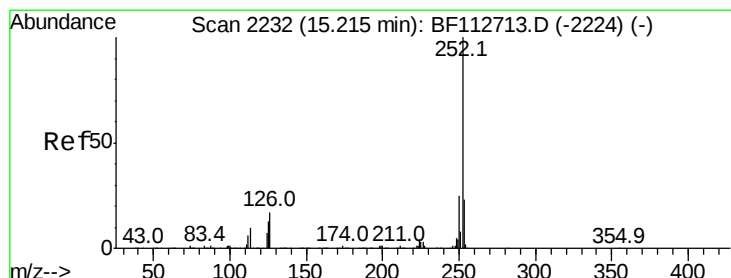
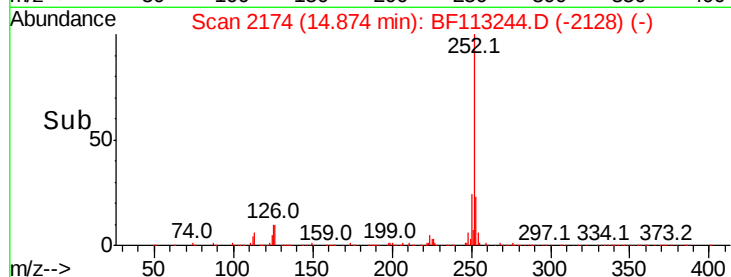
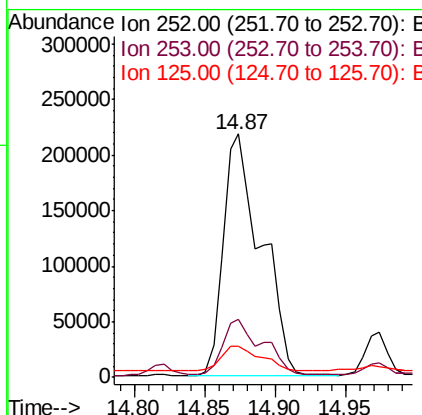
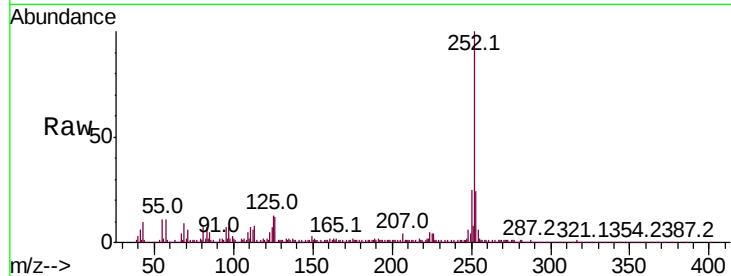




#89
Benzo(k)fluoranthene
Concen: 15.617 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

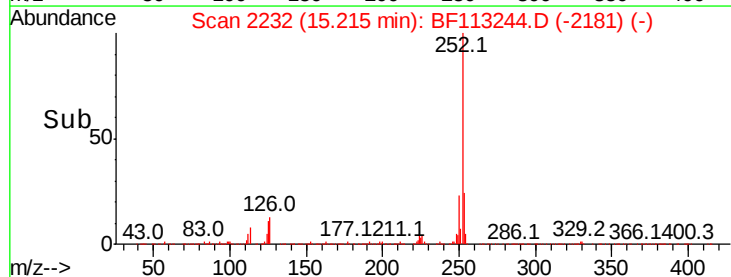
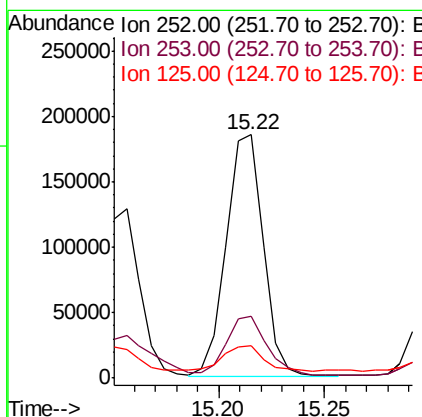
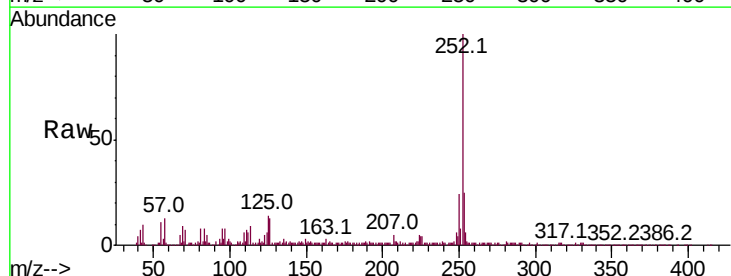
Instrument :
BNA_F
ClientSampleId :

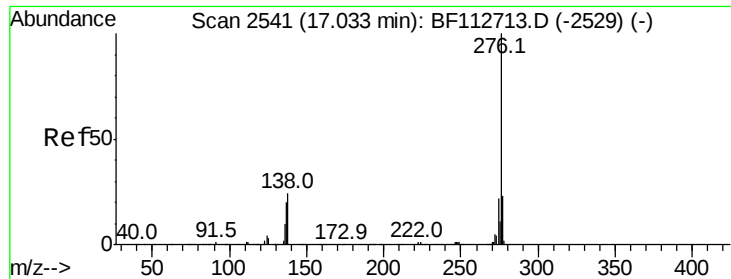
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	12.9	9.8	14.6



#90
Benzo(a)pyrene
Concen: 8.736 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113244.D
Acq: 22 Mar 2019 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	13.5	10.7	16.1

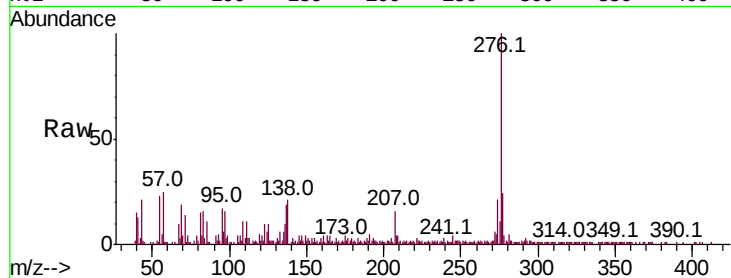




#92
 Benzo(a,h,i)perylene
 Concen: 4.778 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BF113244.D
 Acq: 22 Mar 2019 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	27.8
138	21.0	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

