

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101413.D
 Acq On : 15 Dec 2017 00:17
 Operator : SJ/JU
 Sample : I6847-01 100X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 02:14:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	185129	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	588665	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	329449	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	602248	20.00	ng	0.00
75) Chrysene-d12	13.99	240	416054	20.00	ng	-0.01
86) Perylene-d12	15.46	264	338148	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	124	0.01	ng	0.08
7) Phenol-d6	6.53	99	1094	0.07	ng	0.08
23) Nitrobenzene-d5	7.41	82	843	0.08	ng	0.02
41) 2,4,6-Tribromophenol	10.67	330	375	0.12	ng	0.02
44) 2-Fluorobiphenyl	9.17	172	2296	0.11	ng	0.00
78) Terphenyl-d14	12.93	244	2767	0.16	ng	0.00

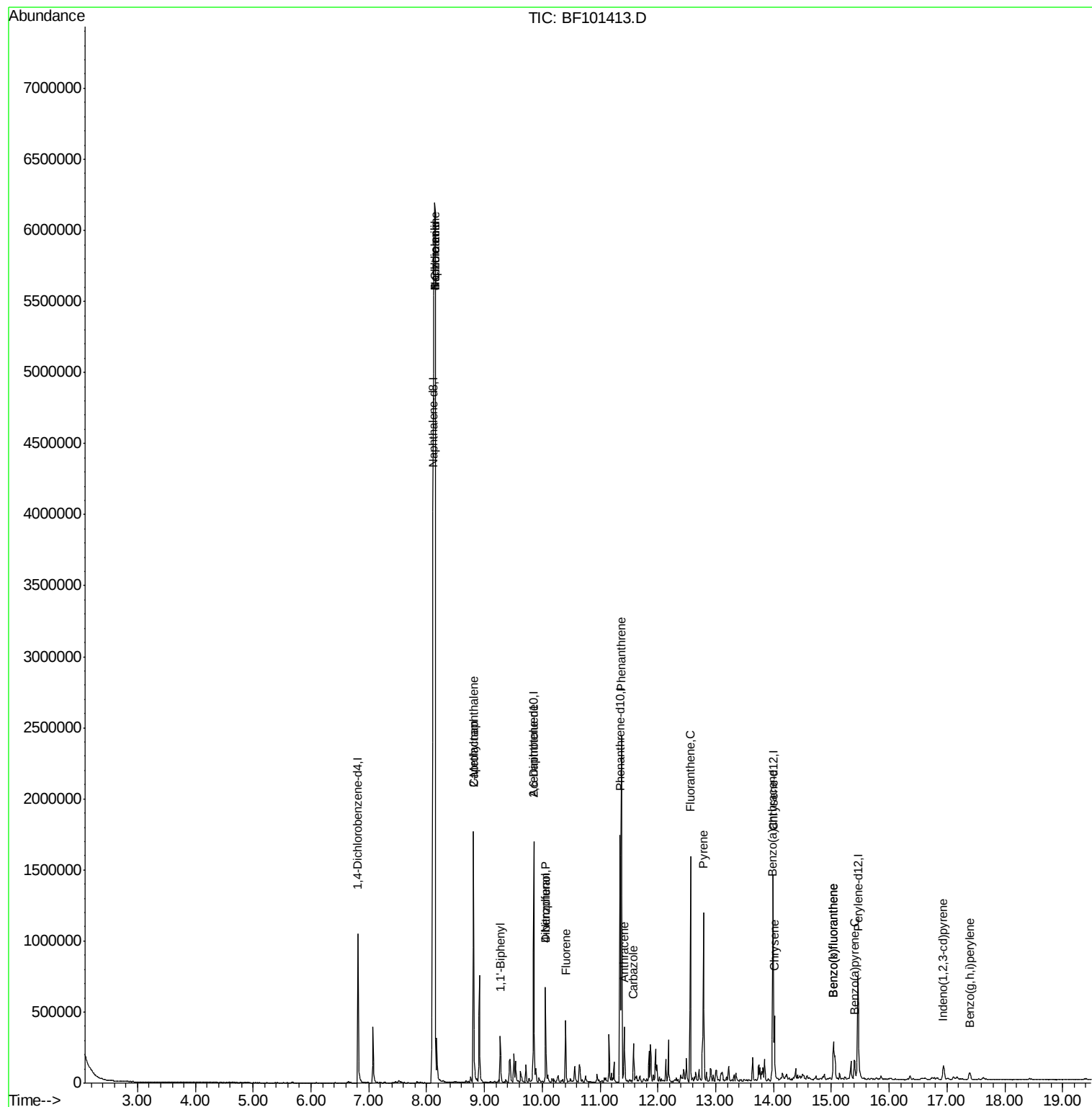
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.14	128	7536133	254.294	ng	98
32) Benzoic acid	8.15	122	19656	10.809	ng	# 1
33) 4-Chloroaniline	8.15	127	1080264	83.867	ng	# 36
35) Caprolactam	8.81	113	10908	3.722	ng	# 1
37) 2-Methylnaphthalene	8.81	142	513903	26.616	ng	99
45) 1,1'-Biphenyl	9.27	154	106241	3.636	ng	96
50) 2,6-Dinitrotoluene	9.85	165	47551	8.829	ng	# 26
54) Dibenzofuran	10.06	168	273388	10.141	ng	99
55) 4-Nitrophenol	10.06	139	102892	35.141	ng	# 10
57) Fluorene	10.40	166	127044	5.570	ng	99
70) Phenanthrene	11.37	178	865212	25.833	ng	99
71) Anthracene	11.42	178	163418	4.777	ng	97
72) Carbazole	11.58	167	99276	3.099	ng	100
74) Fluoranthene	12.56	202	633828	18.030	ng	97
77) Pyrene	12.79	202	467106	14.959	ng	100
80) Benzo(a)anthracene	13.98	228	191393	6.967	ng	97
82) Chrysene	14.02	228	162477	6.264	ng	98
85) Indeno(1,2,3-cd)pyrene	16.94	276	54142	2.344	ng	95
87) Benzo(b)fluoranthene	15.03	252	192203	9.325	ng	99
88) Benzo(k)fluoranthene	15.03	252	192203	9.591	ng	99
89) Benzo(a)pyrene	15.40	252	68713	3.616	ng	98
91) Benzo(g,h,i)perylene	17.39	276	44417	2.750	ng	94

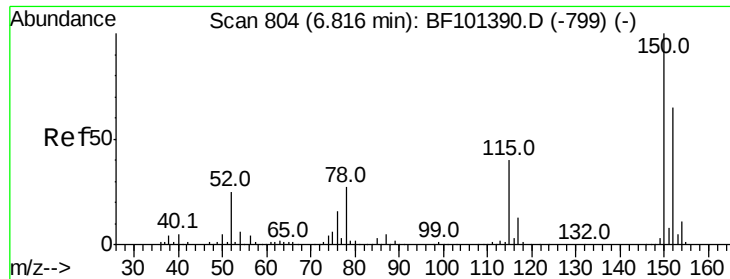
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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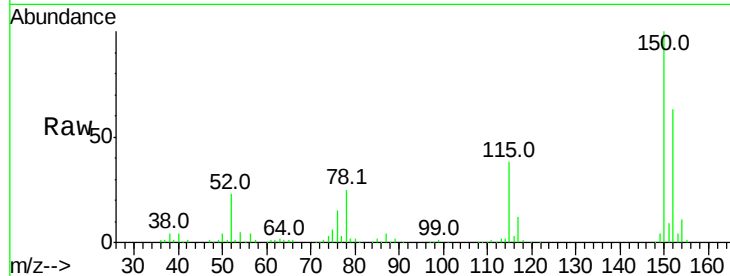


#1

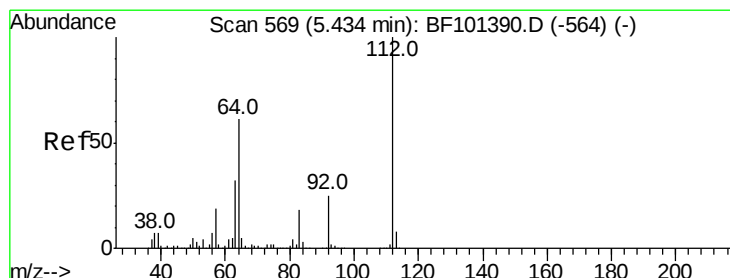
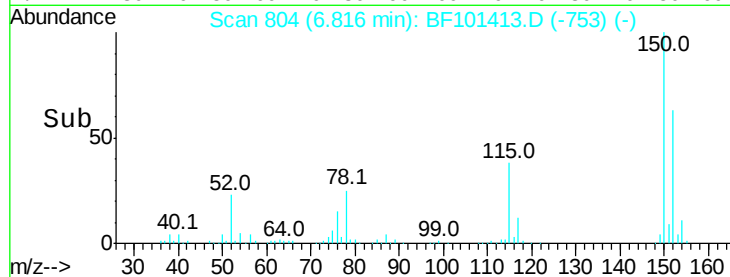
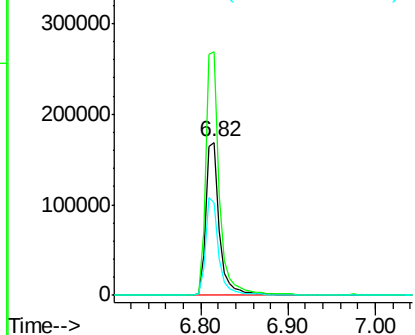
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101413.D
Acq: 15 Dec 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 185129
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 60.1 50.1 75.1



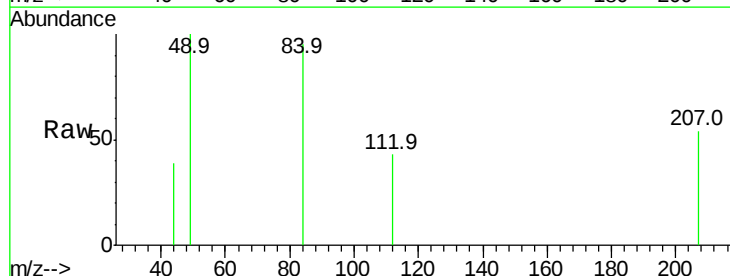
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



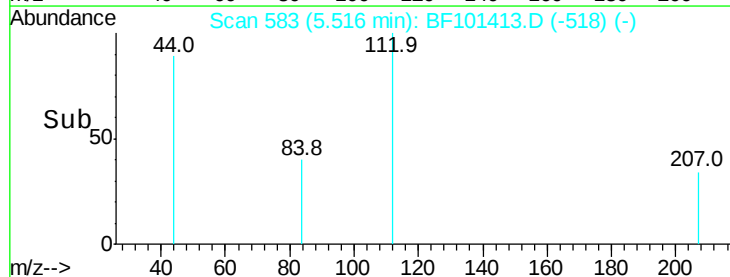
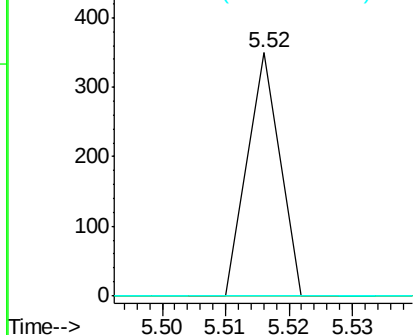
#5

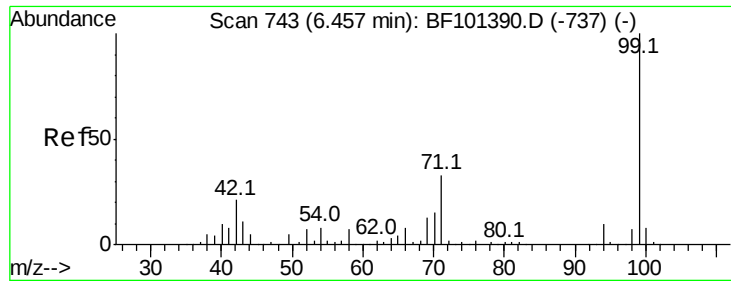
2-Fluorophenol
Concen: 0.010 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.08 min
Lab File: BF101413.D
Acq: 15 Dec 2017 00:17

Tgt Ion:112 Resp: 124
Ion Ratio Lower Upper
112 100
64 0.0 47.9 71.9#
63 0.0 23.7 35.5#



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: 0.071 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.08 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Instrument :

BNA_F

ClientSampleId :

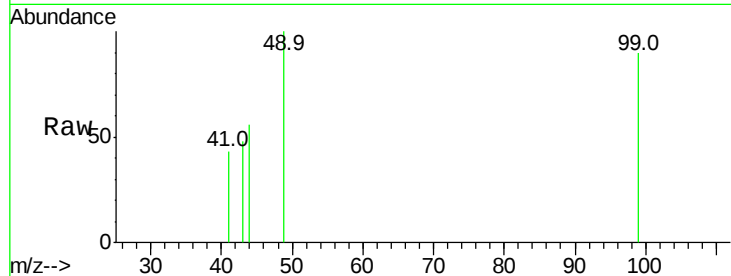
Tot Ion: 99 Resp: 1094

Ion Ratio Lower Upper

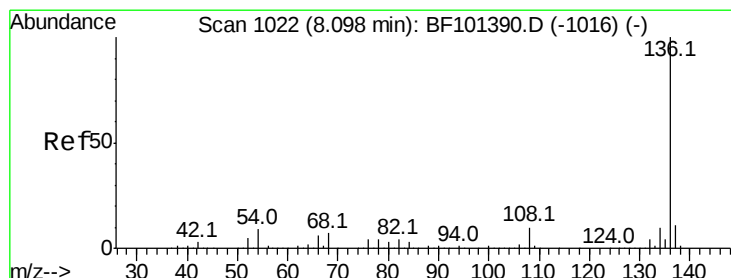
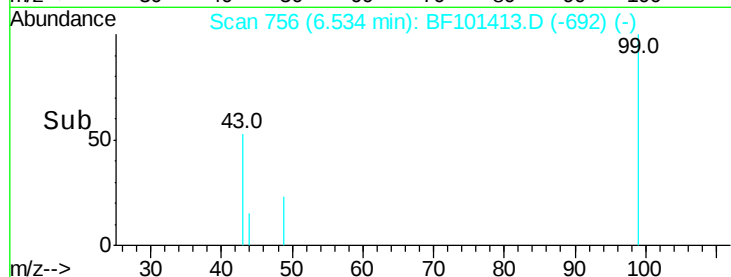
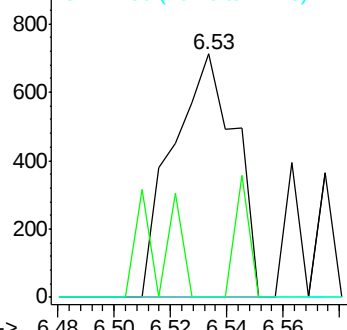
99 100

42 0.0 14.5 21.7#

71 0.0 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Tgt Ion: 136 Resp: 588665

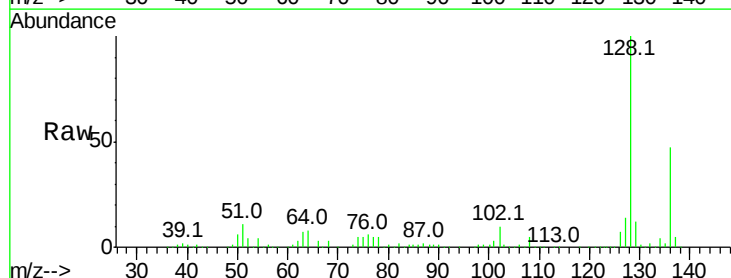
Ion Ratio Lower Upper

136 100

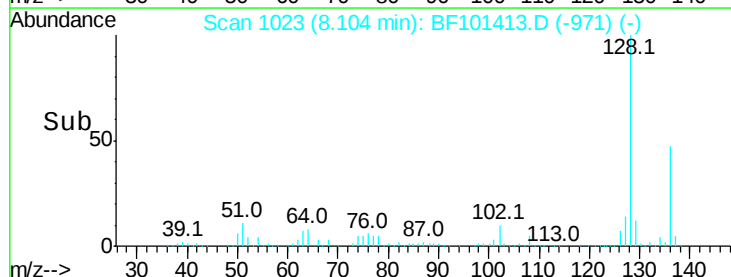
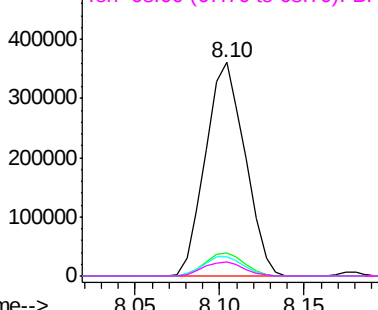
137 10.7 8.9 13.3

54 9.2 6.6 9.8

68 6.6 5.0 7.4



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

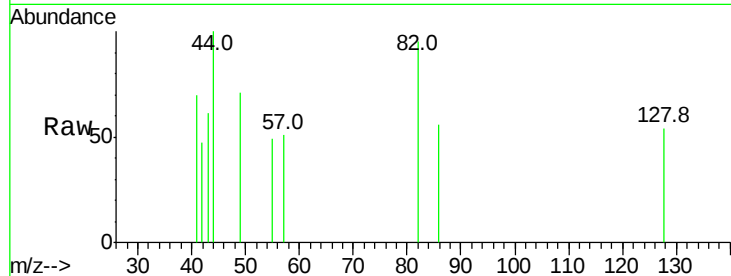




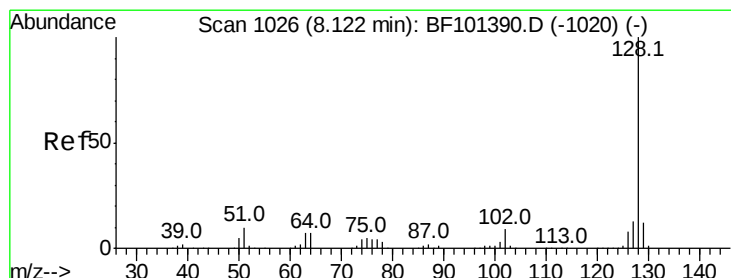
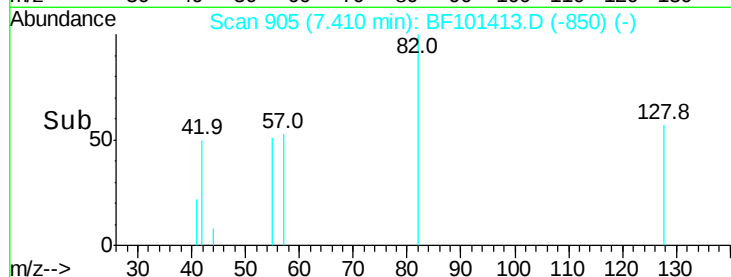
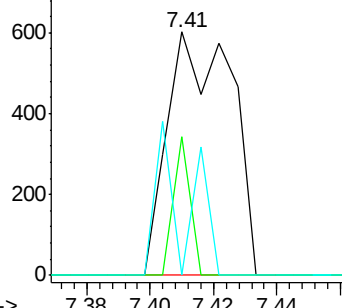
#23
Nitrobenzene-d5
Concen: 0.080 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.02 min
Lab File: BF101413.D
Acq: 15 Dec 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 843
Ion Ratio Lower Upper
82 100
128 56.8 36.1 54.1#
54 0.0 41.4 62.2#

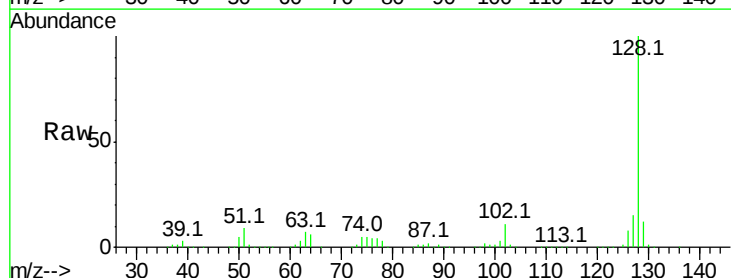


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

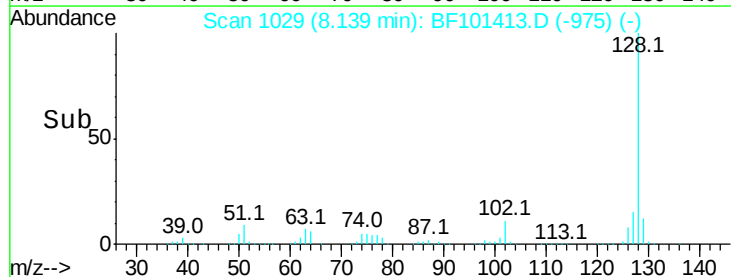
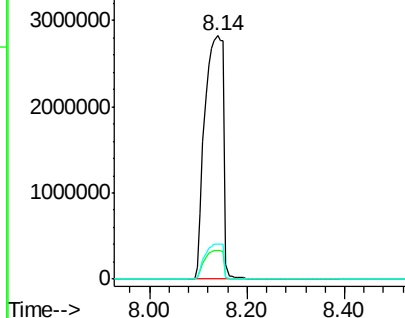


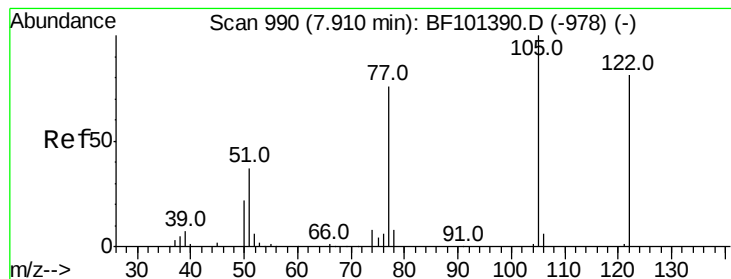
#31
Naphthalene
Concen: 254.294 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.02 min
Lab File: BF101413.D
Acq: 15 Dec 2017 00:17

Tgt Ion:128 Resp: 7536133
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.6 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





#32

Benzoic acid

Concen: 10.809 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.24 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Instrument :

BNA_F

ClientSampleId :

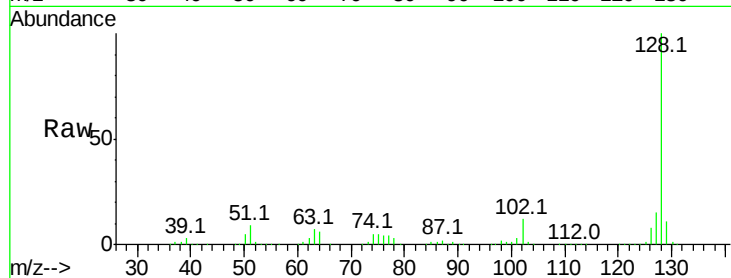
Tot Ion:122 Resp: 19656

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

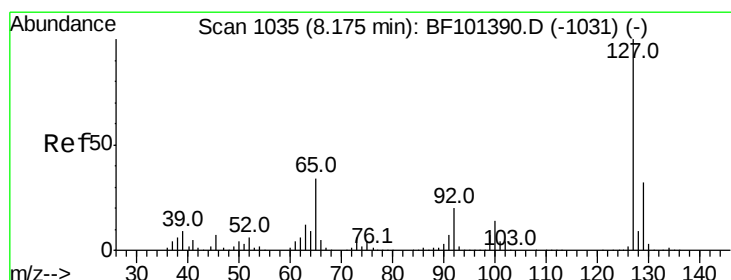
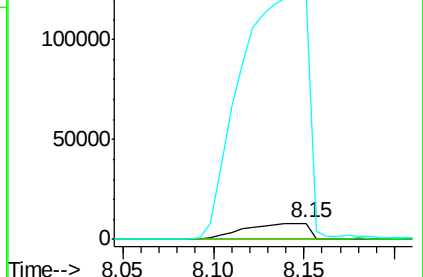
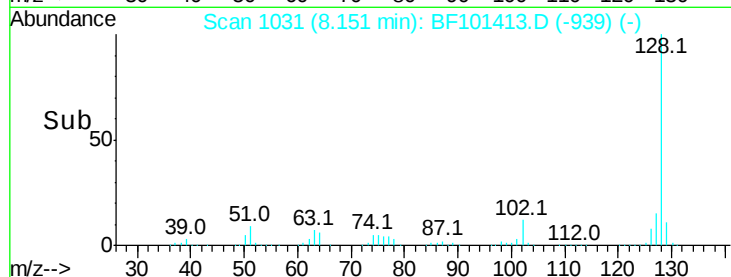
77 1484.2 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 83.867 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Tgt Ion:127 Resp: 1080264

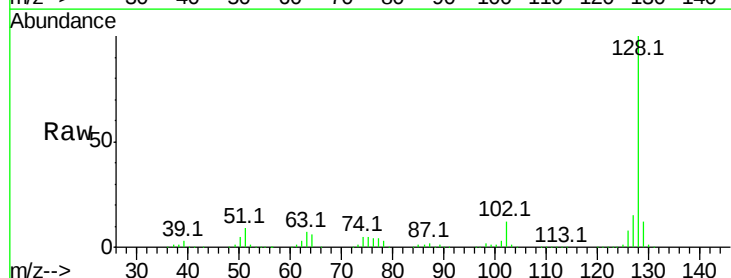
Ion Ratio Lower Upper

127 100

129 79.4 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

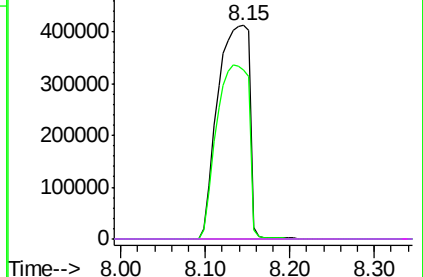
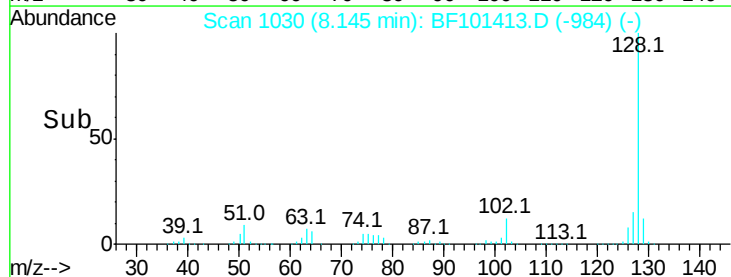


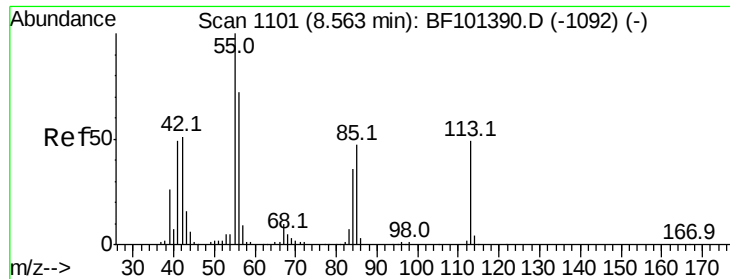
Abundance Ion 127.00 (126.70 to 127.70): E

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

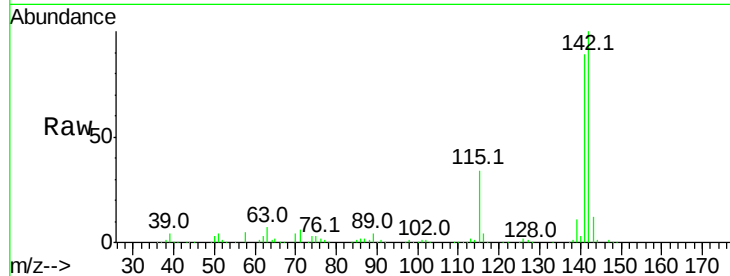




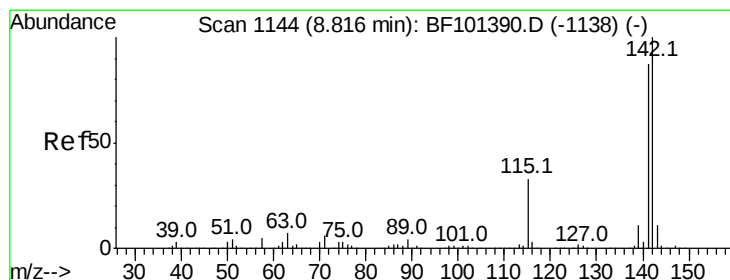
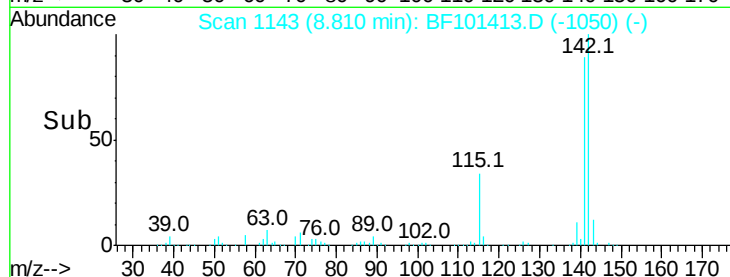
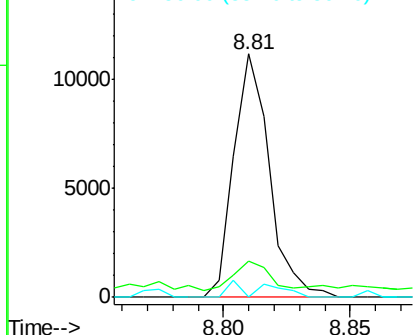
#35
Caprolactam
Concen: 3.722 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.25 min
Lab File: BF101413.D
Acq: 15 Dec 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 10908
Ion Ratio Lower Upper
113 100
55 15.0 163.3 203.3#
56 0.0 115.7 155.7#

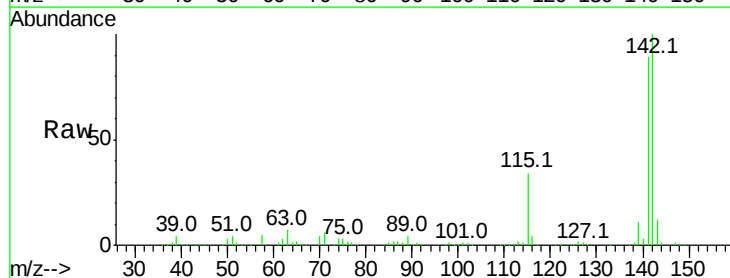


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

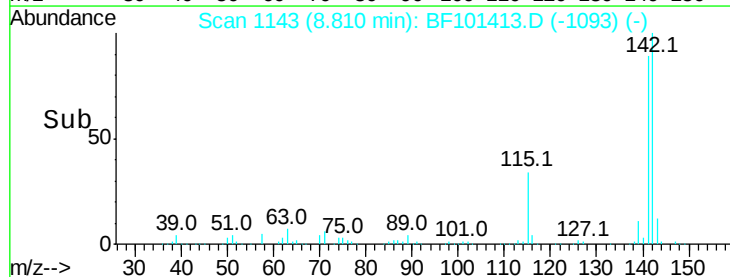
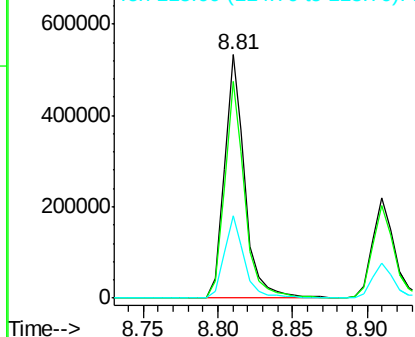


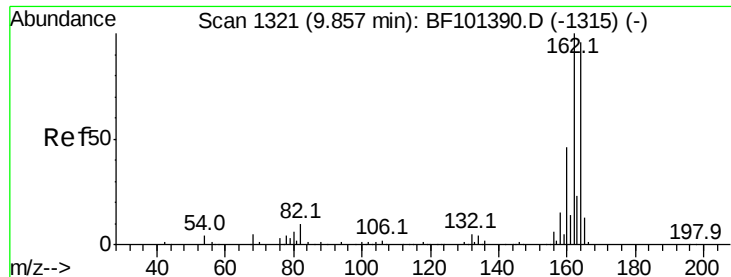
#37
2-Methylnaphthalene
Concen: 26.616 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF101413.D
Acq: 15 Dec 2017 00:17

Tgt Ion:142 Resp: 513903
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2
115 33.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Instrument :

BNA_F

ClientSampled :

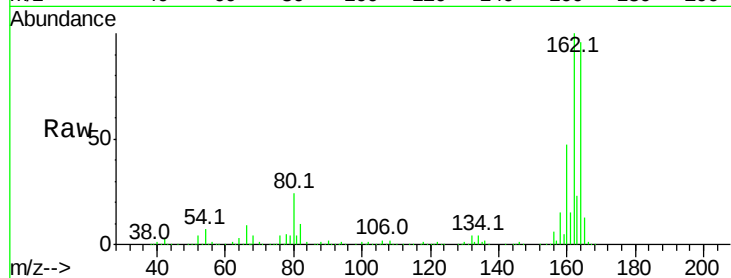
Tot Ion:164 Resp: 329449

Ion Ratio Lower Upper

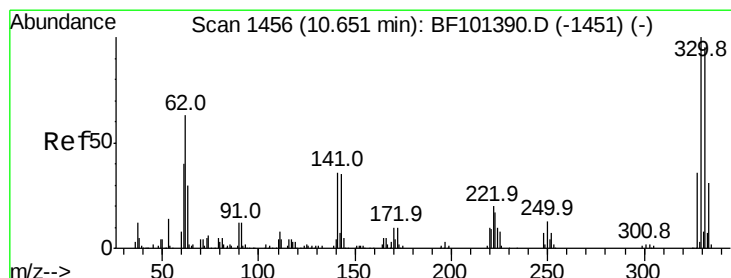
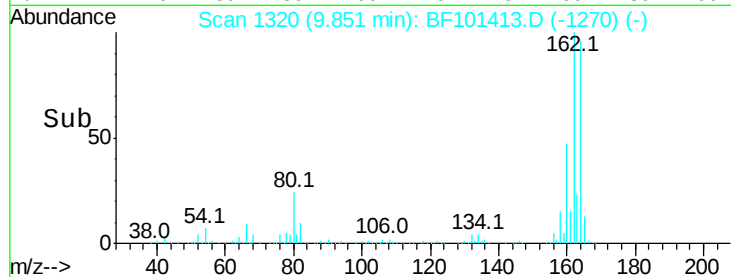
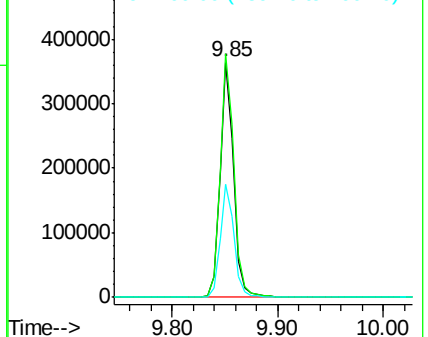
164 100

162 103.8 86.1 129.1

160 48.4 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 0.118 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.02 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

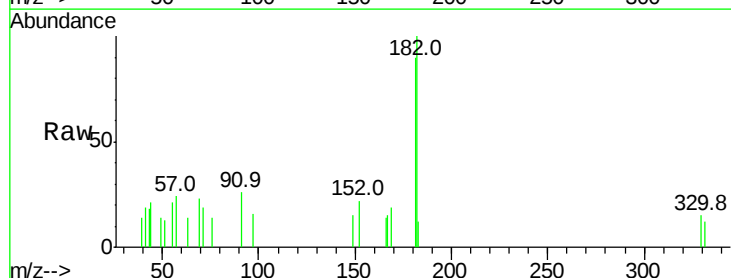
Tgt Ion:330 Resp: 375

Ion Ratio Lower Upper

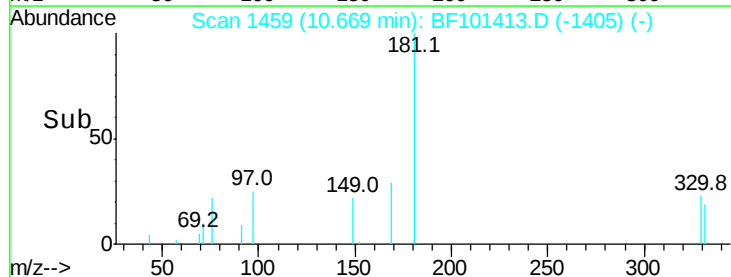
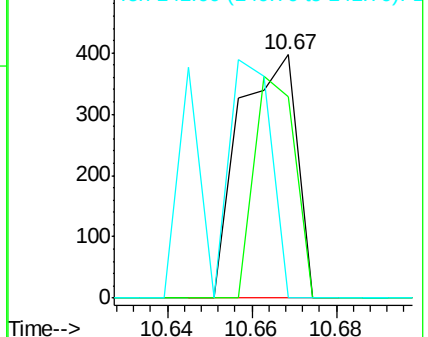
330 100

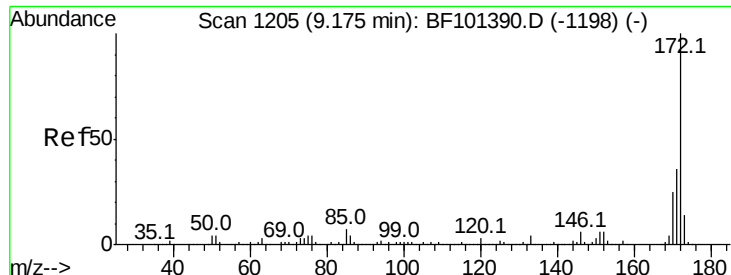
332 65.1 77.0 115.6#

141 105.9 29.9 44.9#



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

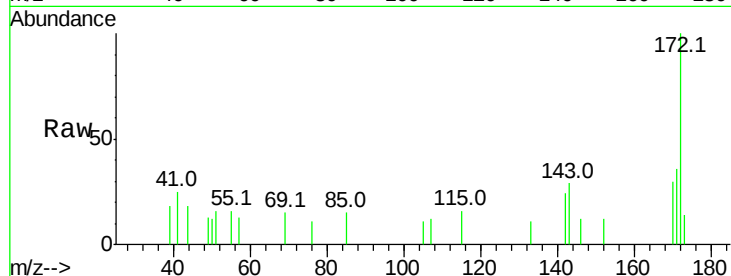




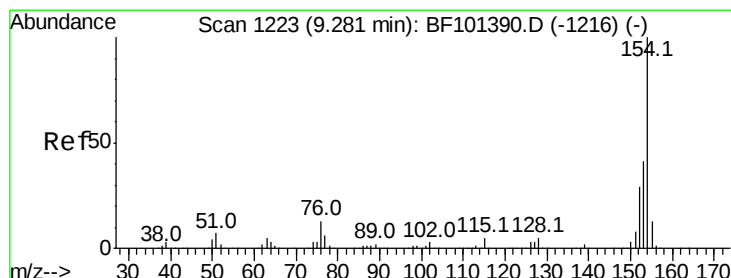
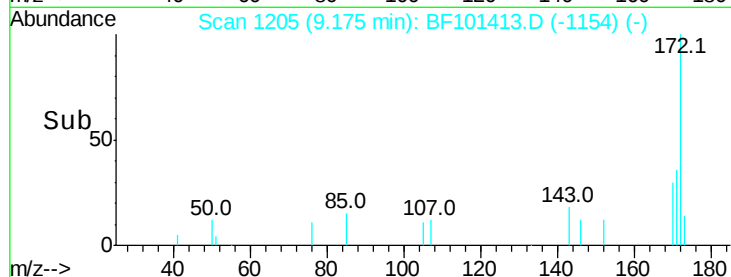
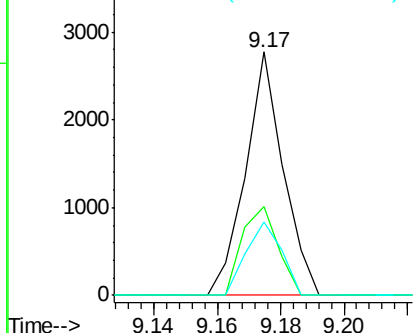
#44
2-Fluorobiphenyl
Concen: 0.108 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF101413.D
Acq: 15 Dec 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2296
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 30.4 19.6 29.4#

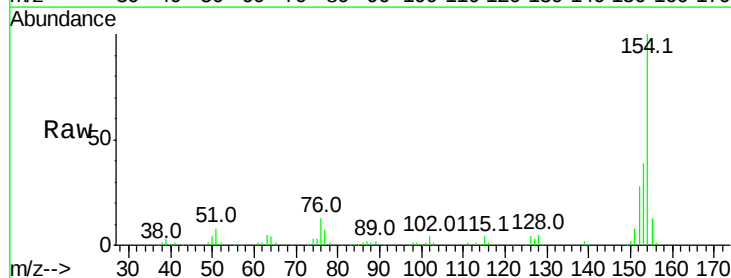


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

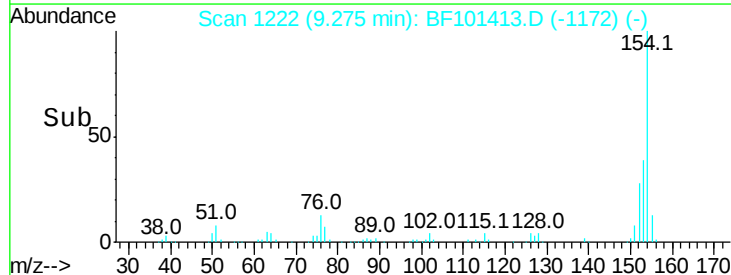
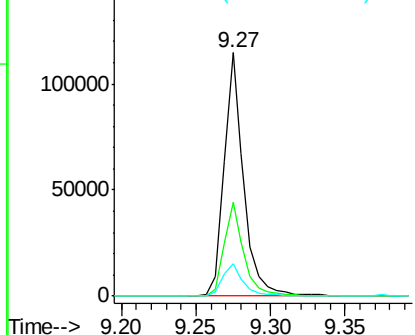


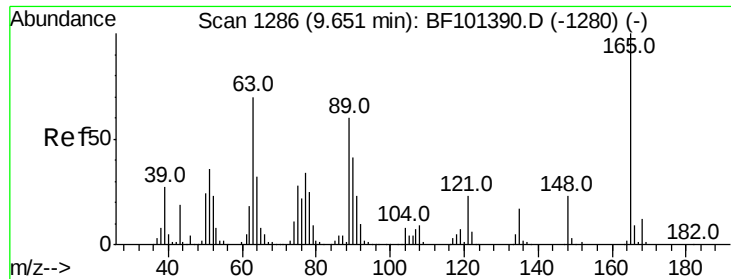
#45
1,1'-Biphenyl
Concen: 3.636 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF101413.D
Acq: 15 Dec 2017 00:17

Tgt Ion:154 Resp: 106241
Ion Ratio Lower Upper
154 100
153 38.7 21.3 61.3
76 13.1 0.0 34.0



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

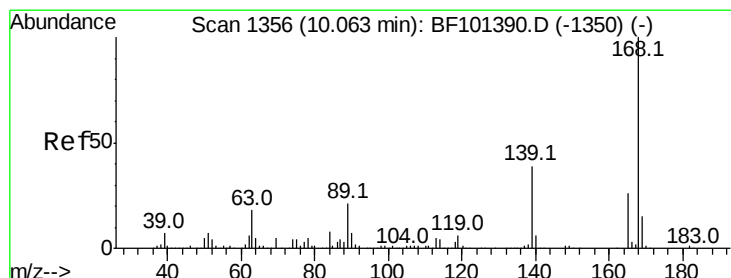
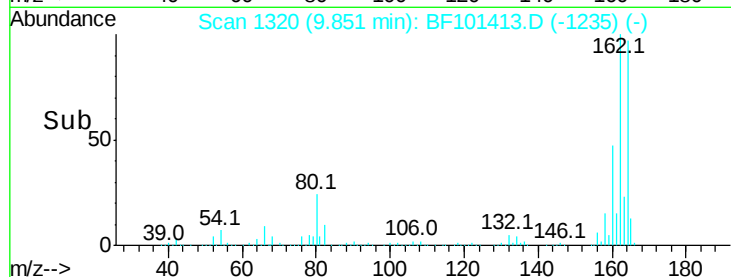
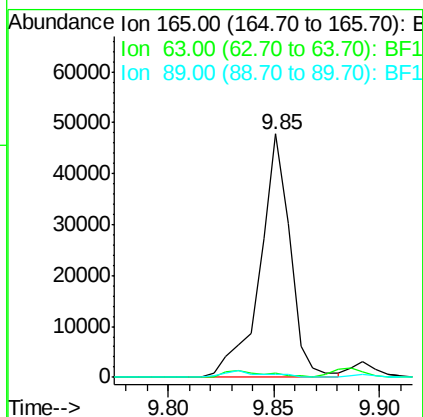
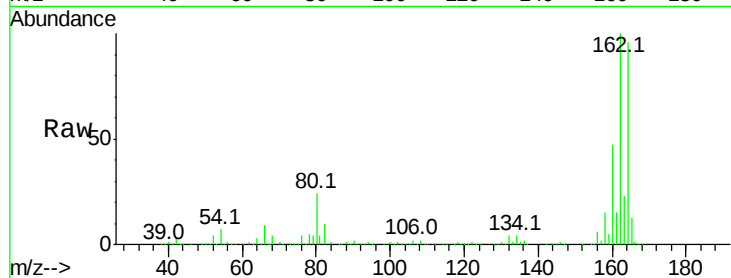




#50
 2,6-Dinitrotoluene
 Concen: 8.829 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.20 min
 Lab File: BF101413.D
 Acq: 15 Dec 2017 00:17

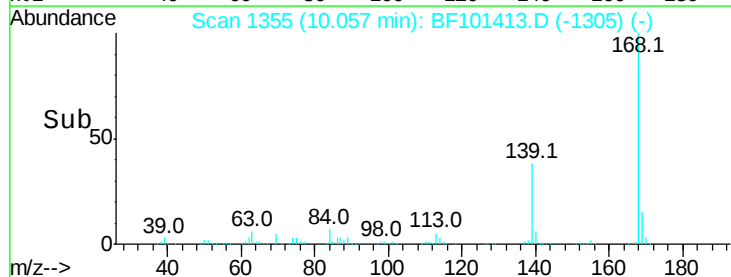
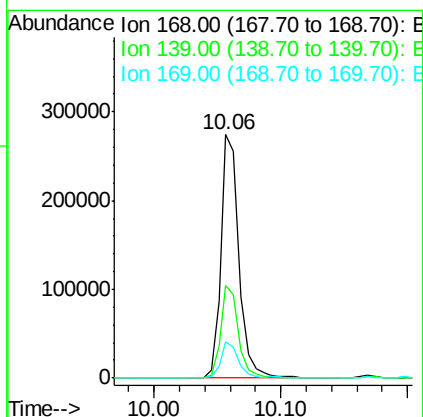
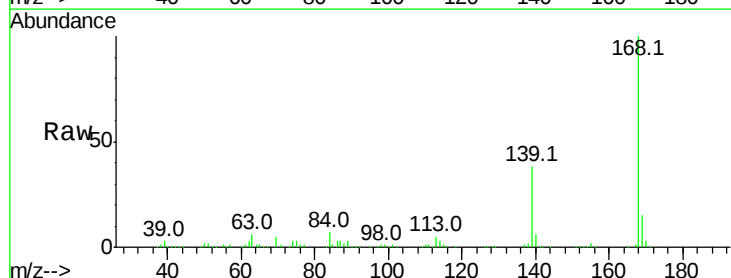
Instrument :
 BNA_F
 ClientSampleId :

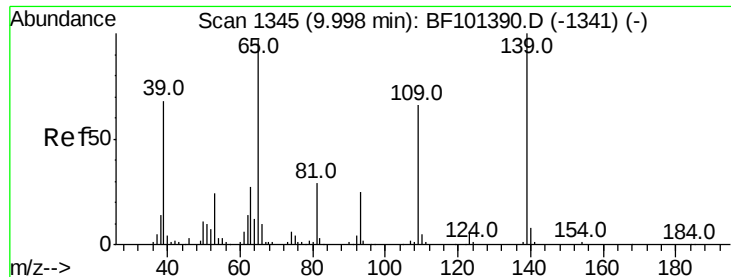
Tot Ion:165 Resp: 47551
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 1.5 44.0 66.0#



#54
 Dibenzofuran
 Concen: 10.141 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF101413.D
 Acq: 15 Dec 2017 00:17

Tgt Ion:168 Resp: 273388
 Ion Ratio Lower Upper
 168 100
 139 37.8 30.1 45.1
 169 15.0 10.9 16.3

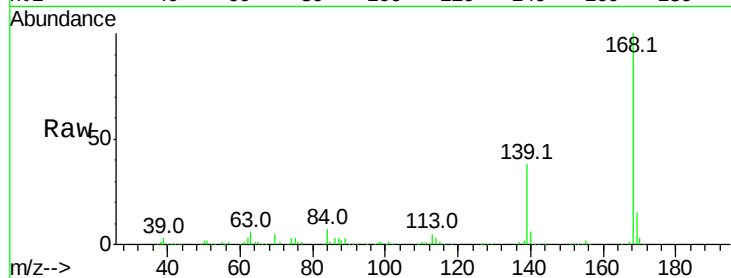




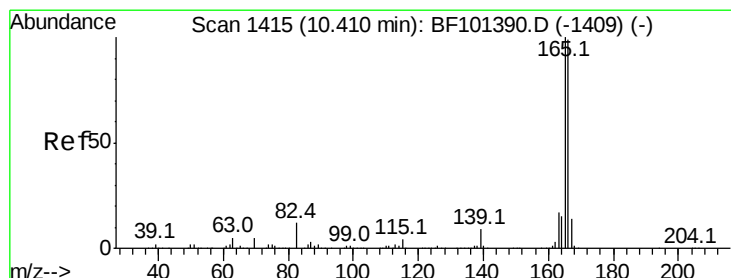
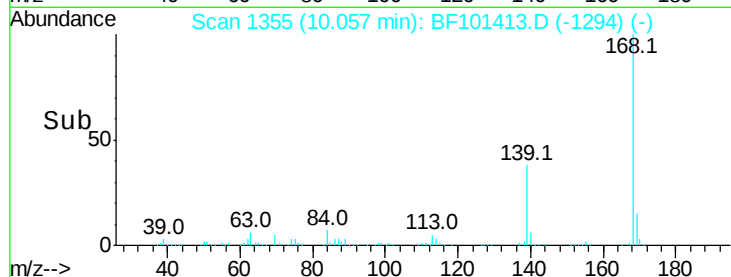
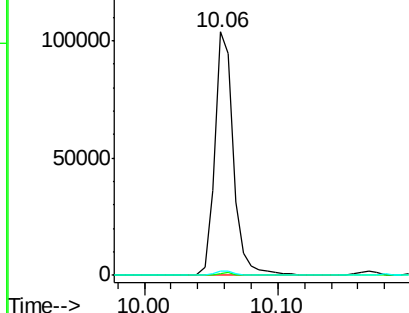
#55
4-Nitrophenol
Concen: 35.141 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.06 min
Lab File: BF101413.D
Acq: 15 Dec 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 102892
Ion Ratio Lower Upper
139 100
109 0.8 48.4 88.4#
65 1.8 72.6 112.6#

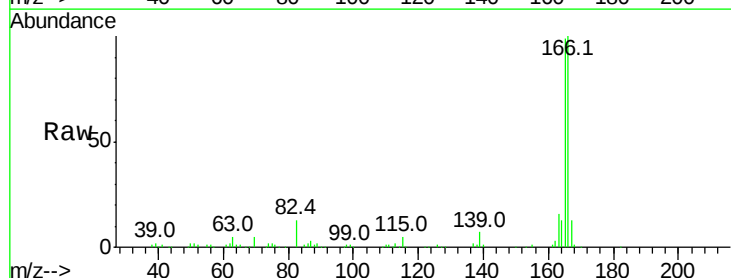


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

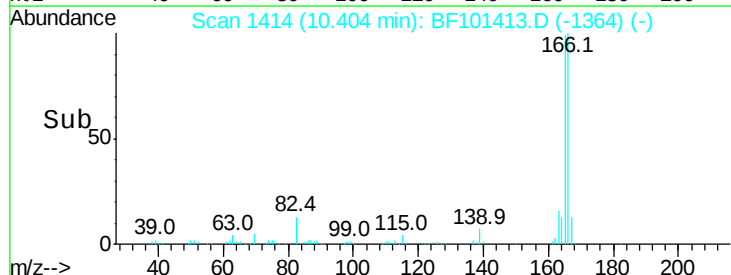
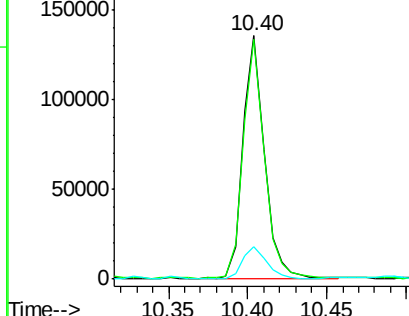


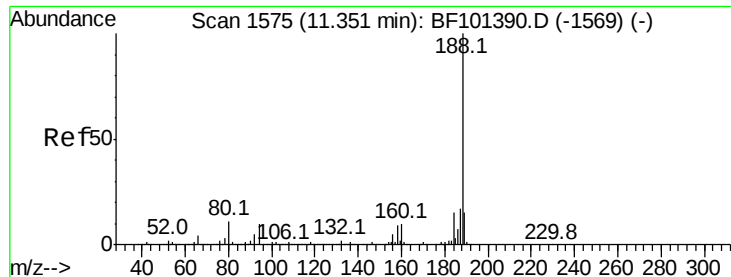
#57
Fluorene
Concen: 5.570 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF101413.D
Acq: 15 Dec 2017 00:17

Tgt Ion:166 Resp: 127044
Ion Ratio Lower Upper
166 100
165 98.7 79.8 119.8
167 13.4 10.6 16.0



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Instrument :

BNA_F

ClientSampleId :

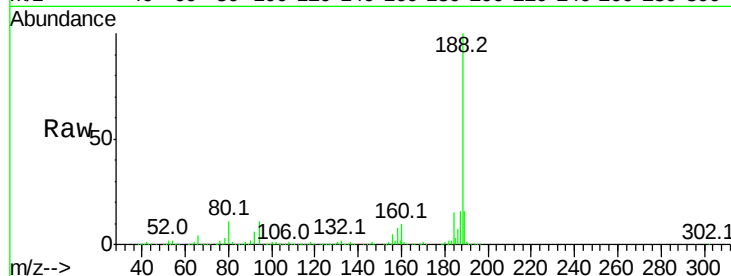
Tot Ion:188 Resp: 602248

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

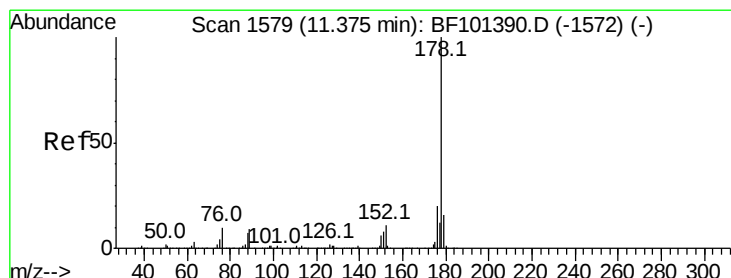
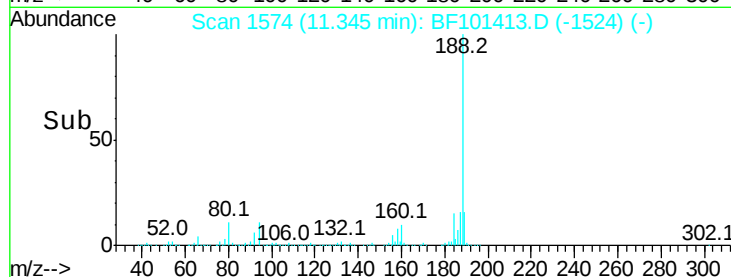
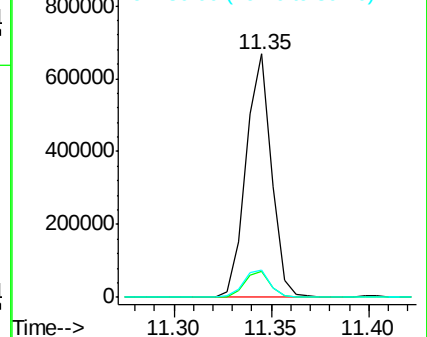
80 11.4 9.2 13.8



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



#70

Phenanthrene

Concen: 25.833 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

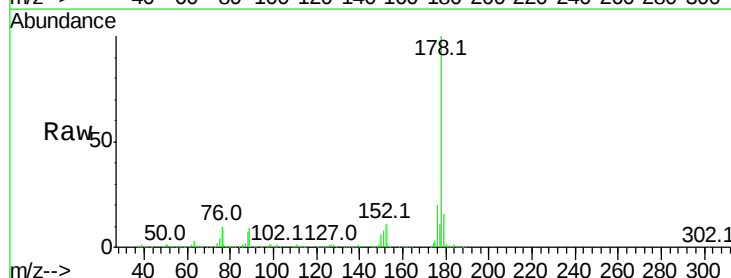
Tgt Ion:178 Resp: 865212

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

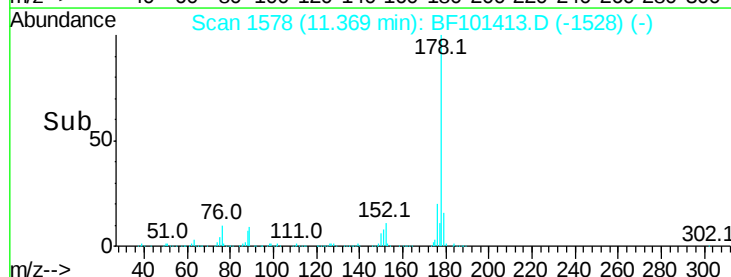
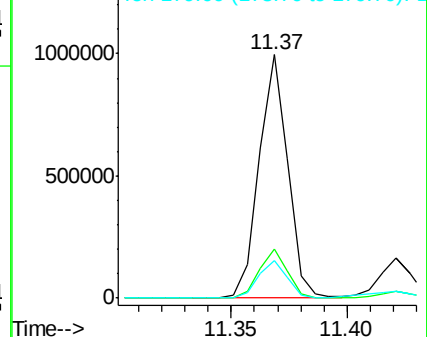
179 15.7 13.0 19.6

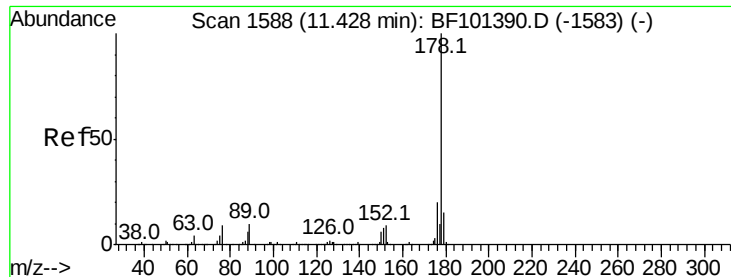


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

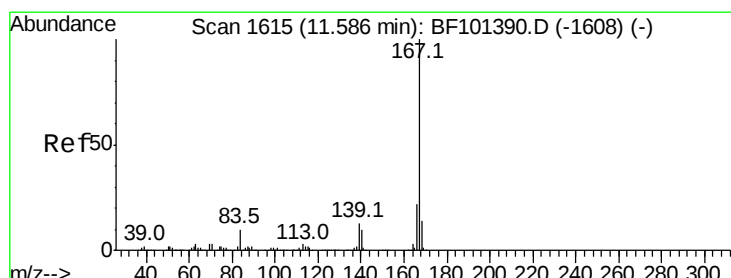
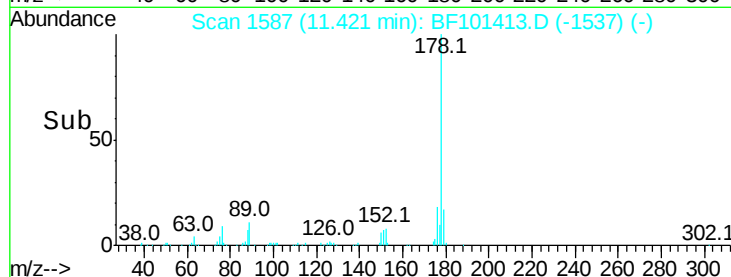
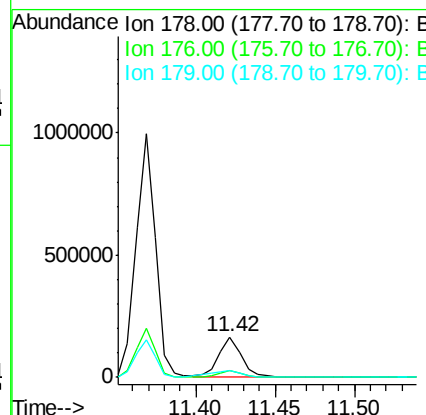
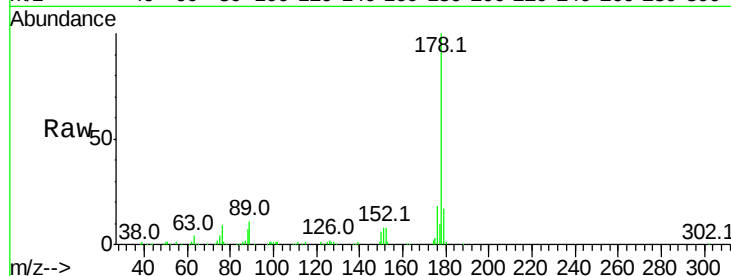




#71
 Anthracene
 Concen: 4.777 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF101413.D
 Acq: 15 Dec 2017 00:17

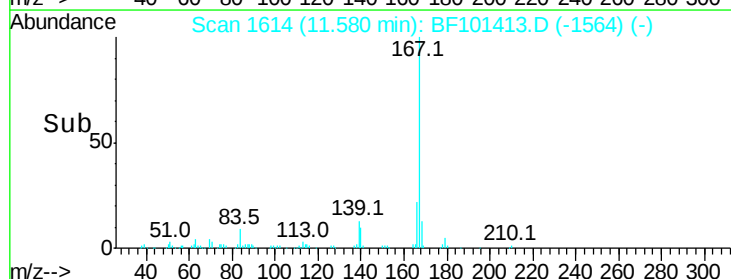
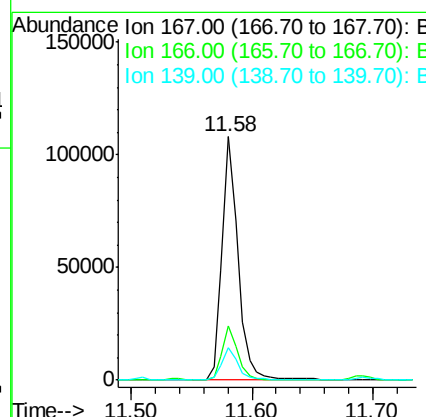
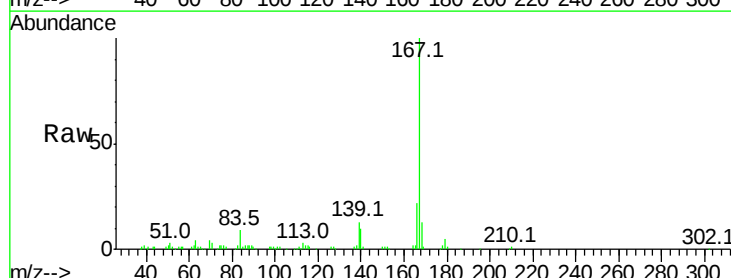
Instrument :
 BNA_F
 ClientSampleId :

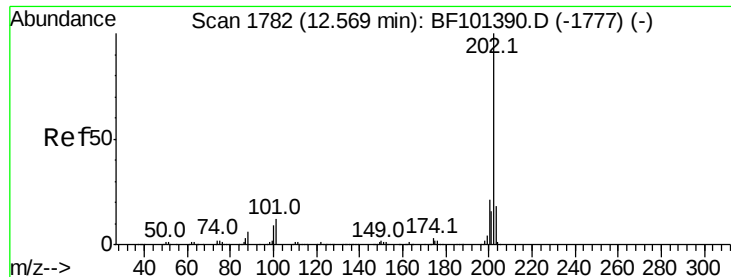
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	16.5	12.6	19.0



#72
 Carbazole
 Concen: 3.099 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF101413.D
 Acq: 15 Dec 2017 00:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.3	10.9	16.3





#74

Fluoranthene

Concen: 18.030 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Instrument :

BNA_F

ClientSampleId :

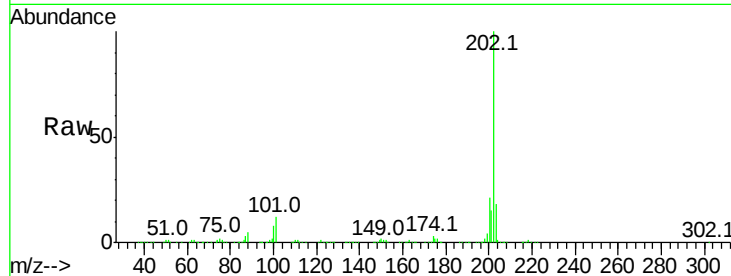
Tot Ion:202 Resp: 633828

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

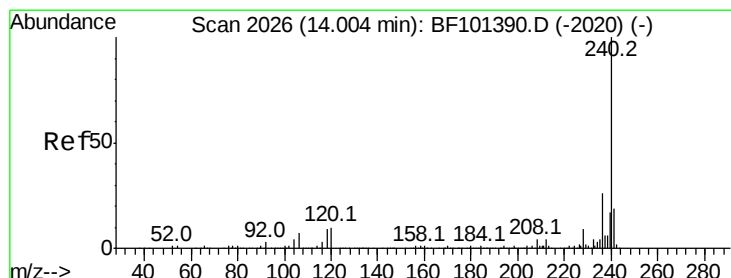
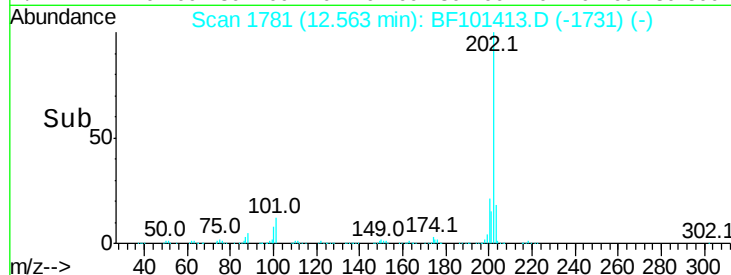
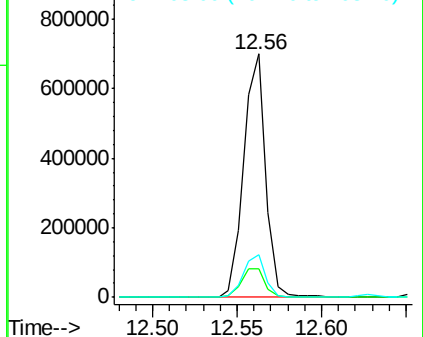
203 17.5 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

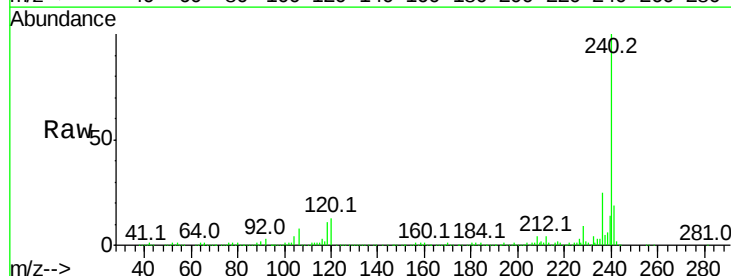
Tgt Ion:240 Resp: 416054

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

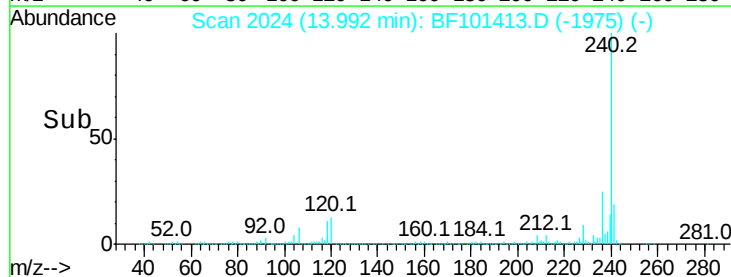
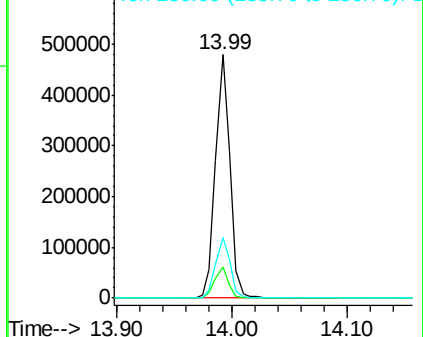
236 25.1 20.7 31.1

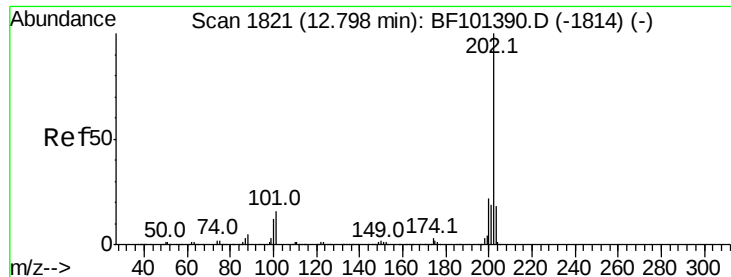


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 14.959 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

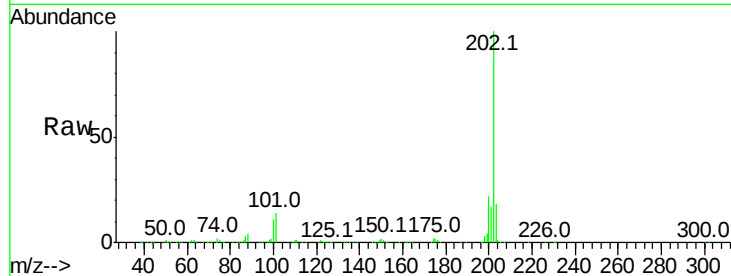
Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 467106

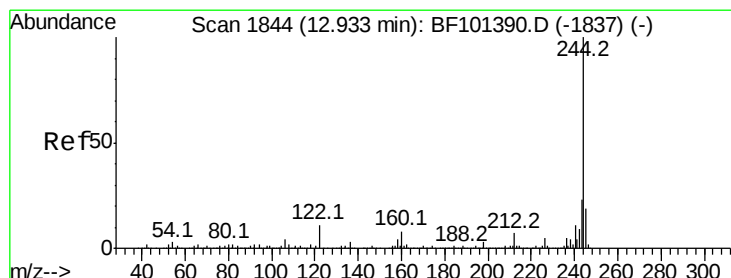
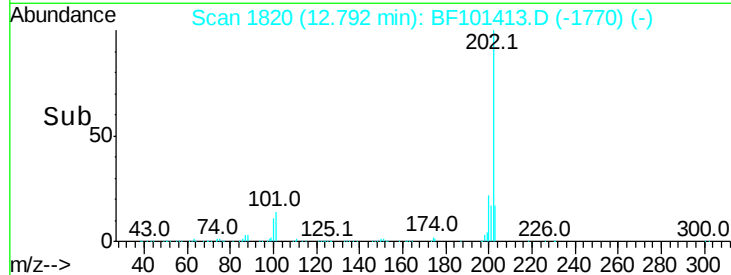
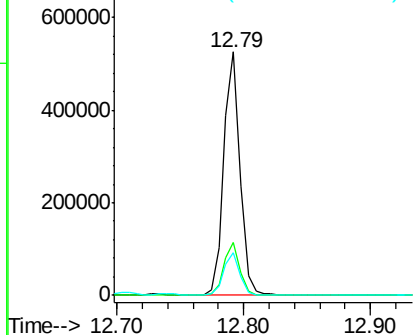
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.5	14.3	21.5



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



#78

Terphenyl-d14

Concen: 0.160 ng

RT: 12.93 min Scan# 1843

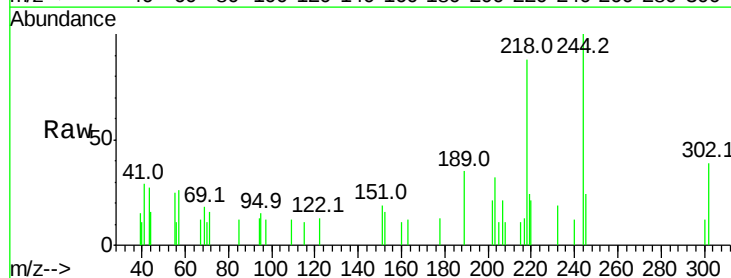
Delta R.T. -0.01 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Tgt Ion:244 Resp: 2767

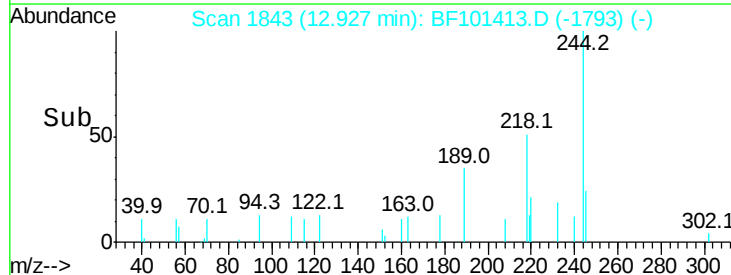
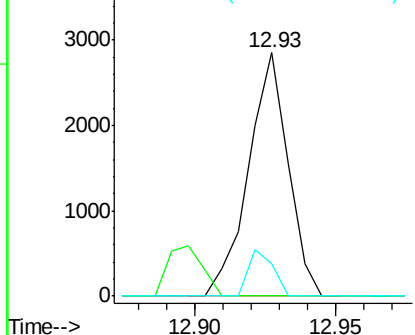
Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.4	8.0#
122	13.1	11.0	16.4

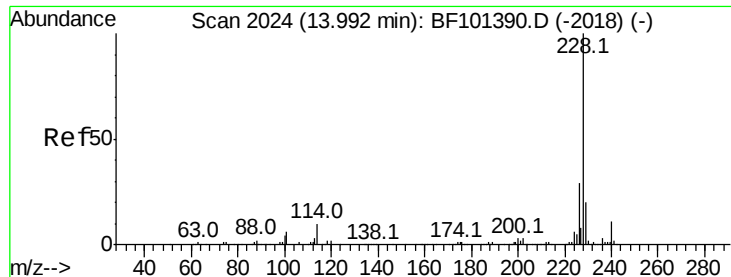


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

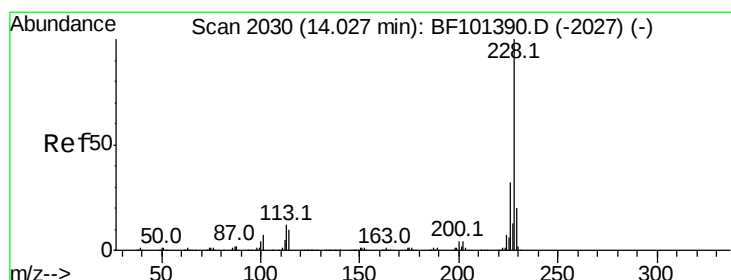
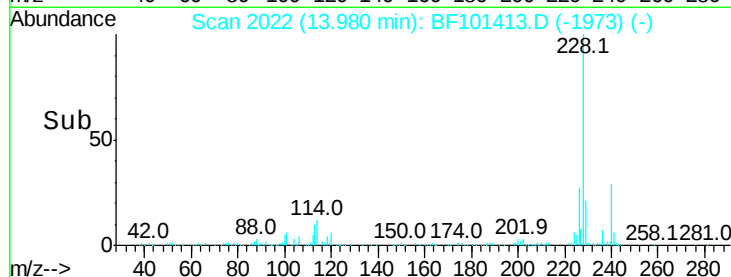
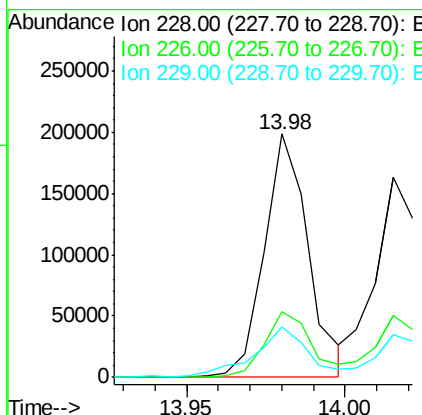
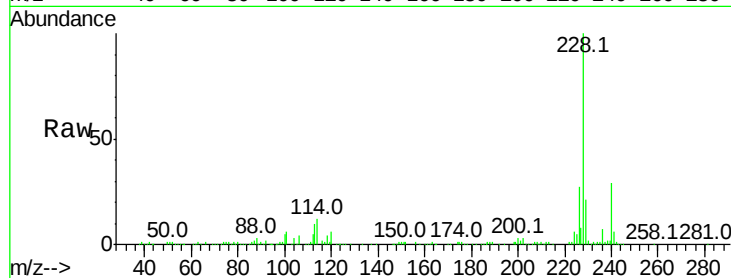




#80
Benzo(a)anthracene
Concen: 6.967 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF101413.D
Acq: 15 Dec 2017 00:17

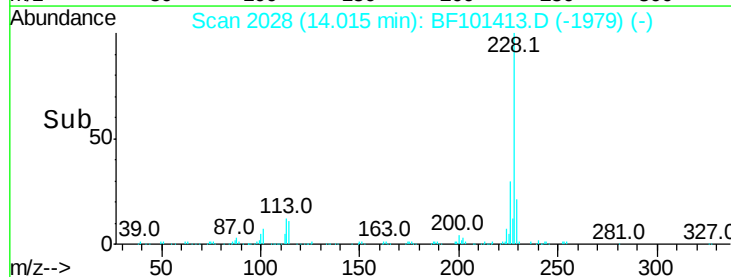
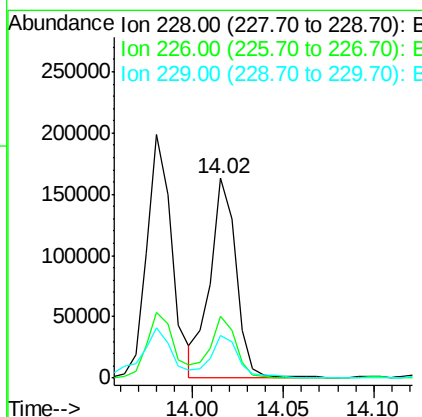
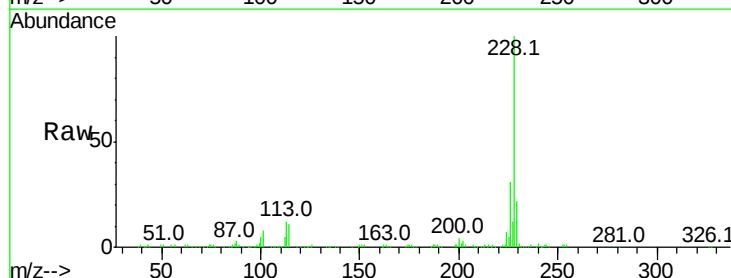
Instrument :
BNA_F
ClientSampled :

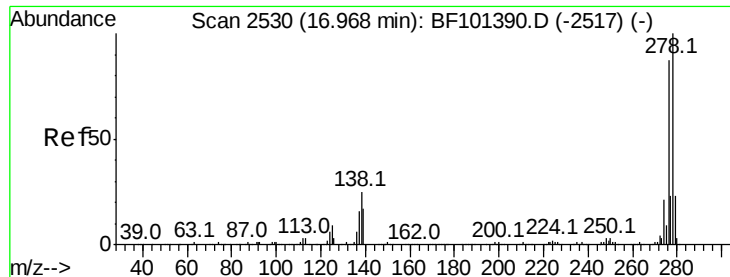
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	20.9	15.8	23.6



#82
Chrysene
Concen: 6.264 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101413.D
Acq: 15 Dec 2017 00:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.6	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.344 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.03 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Instrument :

BNA_F

ClientSampleId :

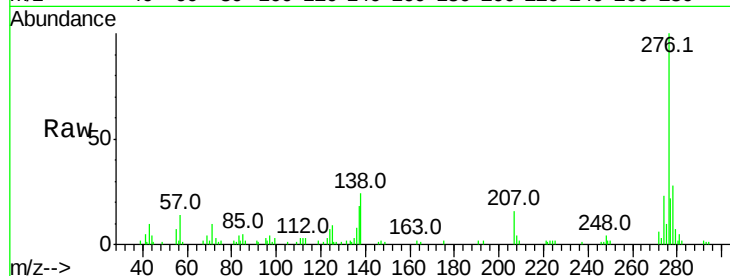
Tot Ion:276 Resp: 54142

Ion Ratio Lower Upper

276 100

138 26.1 25.0 37.6

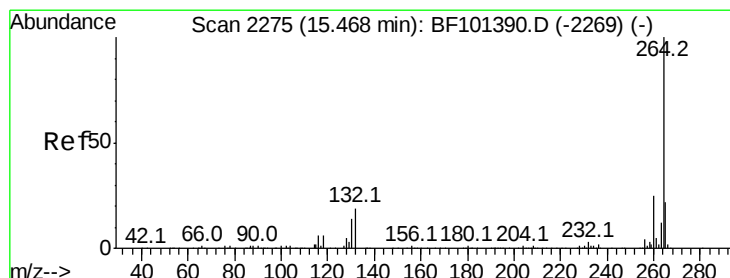
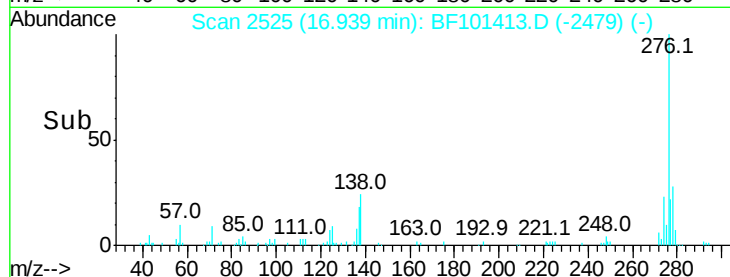
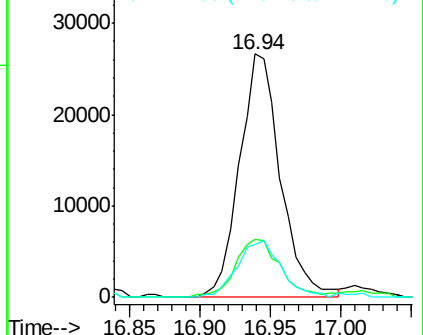
277 24.9 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

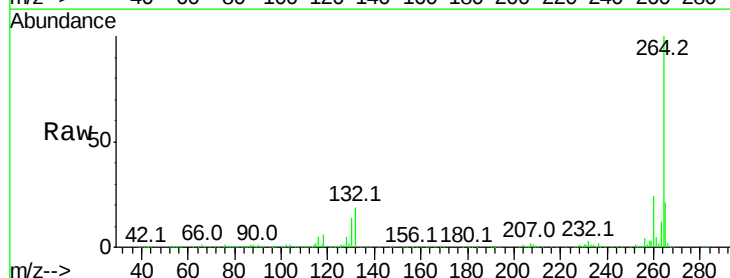
Tgt Ion:264 Resp: 338148

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

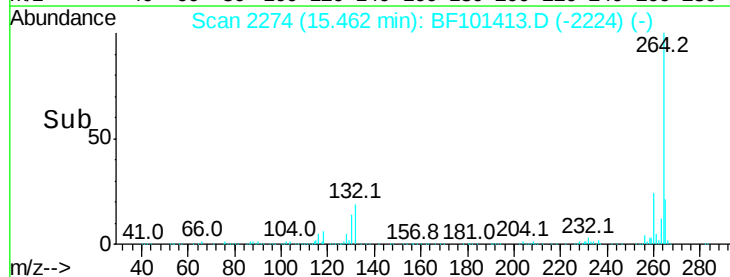
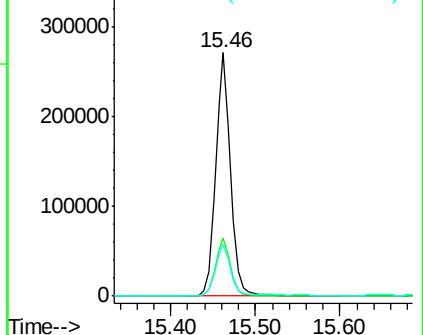
265 21.0 17.5 26.3

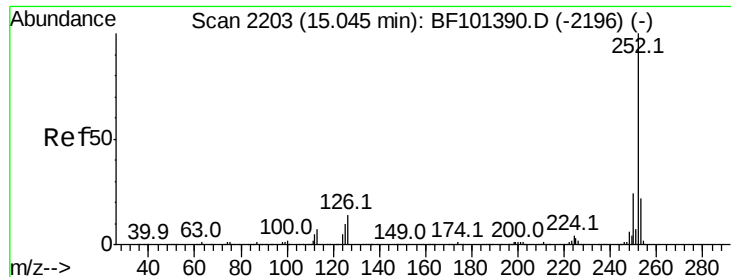


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 9.325 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.01 min

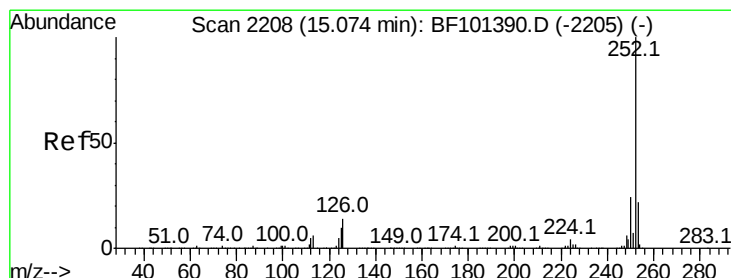
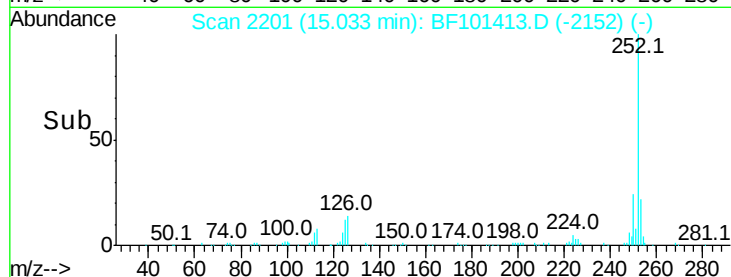
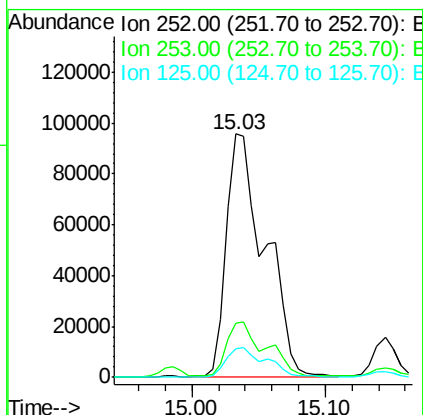
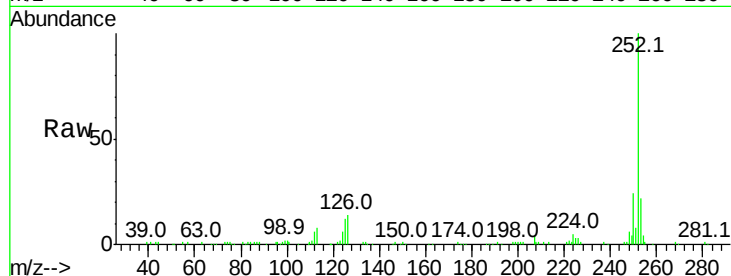
Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 192203

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.6	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 9.591 ng

RT: 15.03 min Scan# 2201

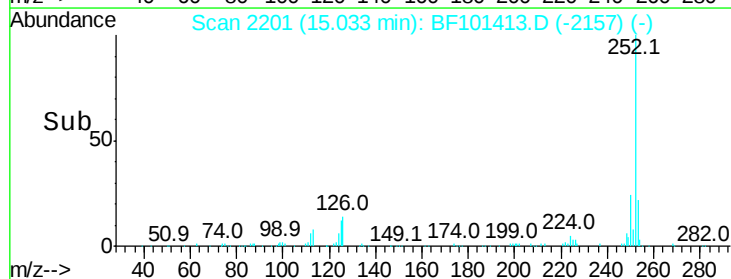
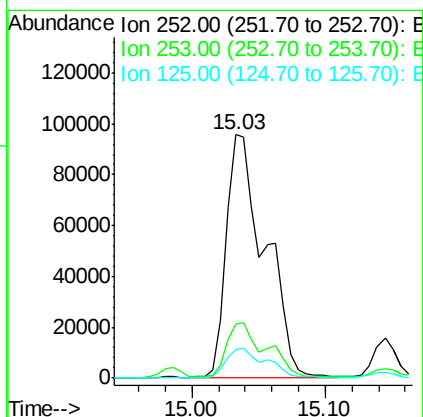
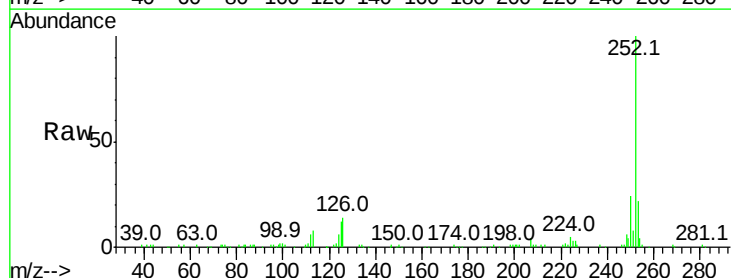
Delta R.T. -0.04 min

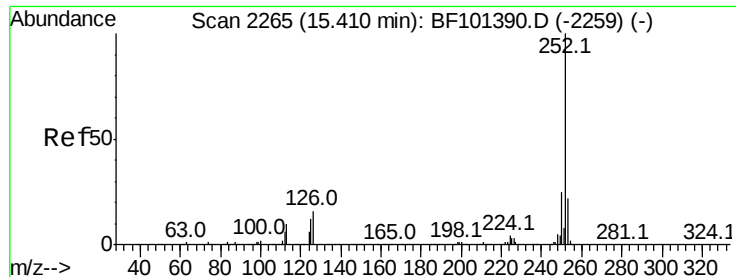
Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Tgt Ion:252 Resp: 192203

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.6	10.2	15.2





#89

Benzo(a)pyrene

Concen: 3.616 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

Instrument :

BNA_F

ClientSampleId :

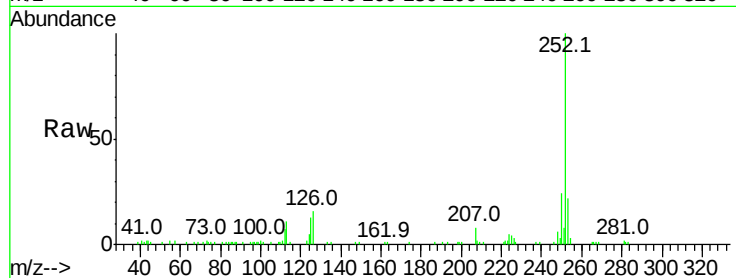
Tot Ion:252 Resp: 68713

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

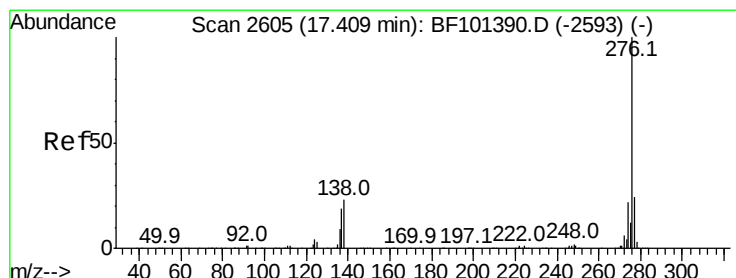
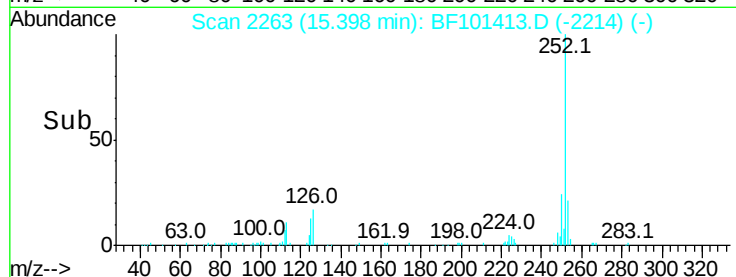
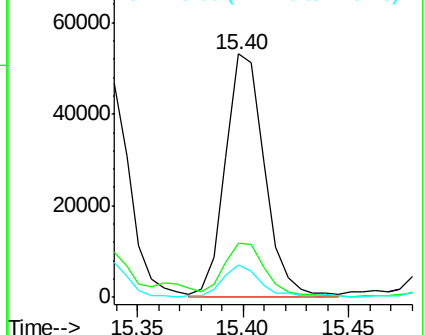
125 13.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.750 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF101413.D

Acq: 15 Dec 2017 00:17

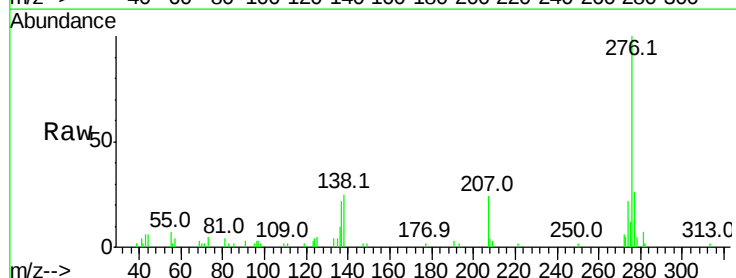
Tgt Ion:276 Resp: 44417

Ion Ratio Lower Upper

276 100

277 26.3 17.9 26.9

138 25.5 21.8 32.8



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

