

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112160.D
 Acq On : 21 Jan 2019 15:56
 Operator : JU/SJ
 Sample : K1013-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-A

Quant Time: Jan 21 17:59:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	223999	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	776547	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	301984	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	540789	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	519882	20.00	ng	0.00
87) Perylene-d12	15.49	264	388822	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	322194	26.11	ng	0.00
7) Phenol-d6	6.49	99	388751	25.18	ng	-0.01
23) Nitrobenzene-d5	7.41	82	207217	18.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	76960	23.62	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	412810	20.04	ng	0.00
79) Terphenyl-d14	12.96	244	416412	17.04	ng	-0.01

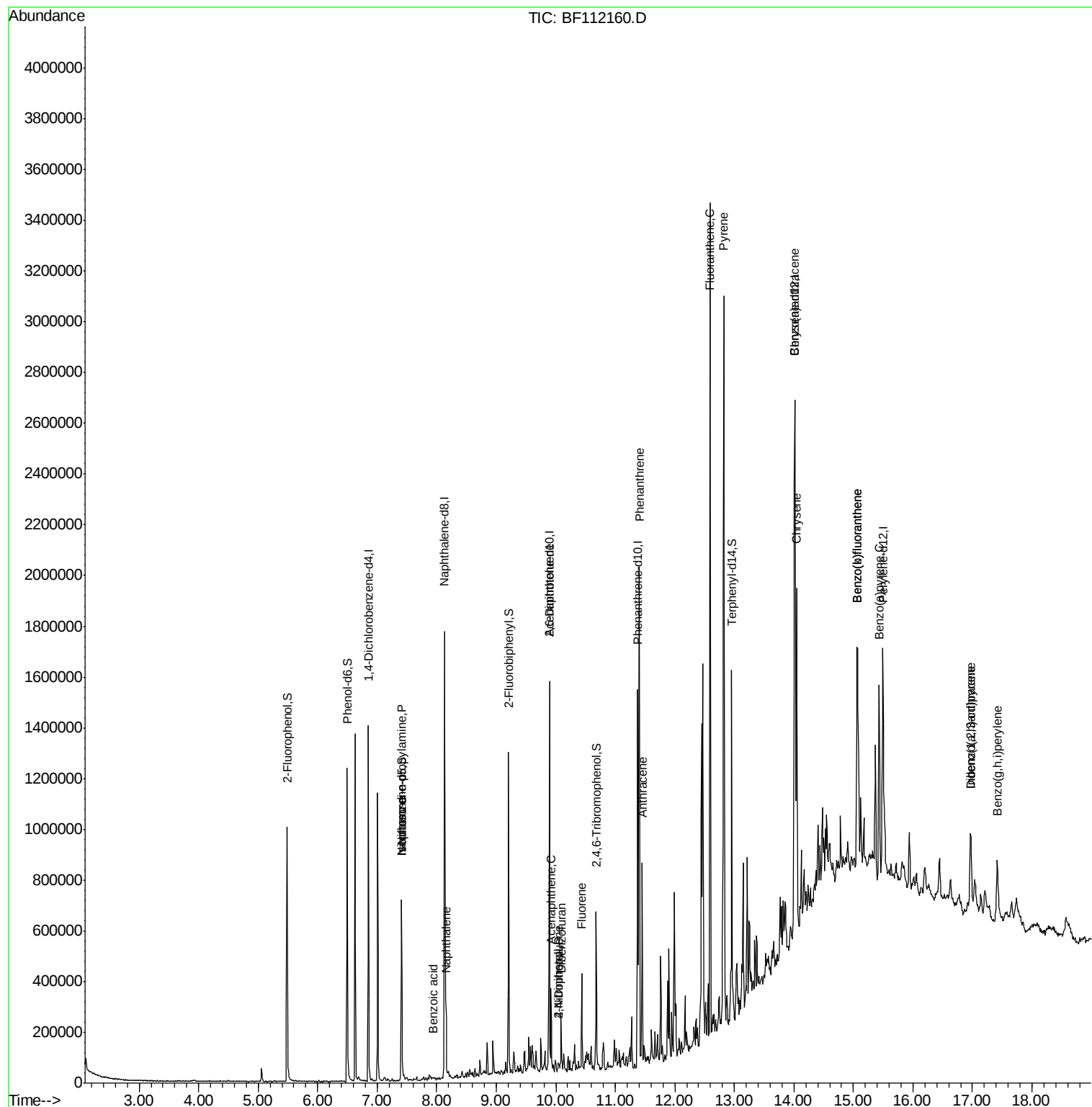
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	724	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.41	70	28468	3.026	ng	# 77
25) Isophorone	7.41	82	207215	9.545	ng	# 64
31) Naphthalene	8.16	128	86623	2.453	ng	# 99
32) Benzoic acid	7.93	122	253	7.228	ng	# 37
51) 2,6-Dinitrotoluene	9.89	165	42460	9.654	ng	# 34
52) Acenaphthene	9.92	154	61089	3.462	ng	# 99
55) Dibenzofuran	10.09	168	60384	2.263	ng	# 96
56) 4-Nitrophenol	10.04	139	895	5.892	ng	# 47
57) 2,4-Dinitrotoluene	10.05	165	1325	4.794	ng	# 28
58) Fluorene	10.44	166	114227	5.728	ng	# 96
71) Phenanthrene	11.40	178	794011	29.175	ng	# 98
72) Anthracene	11.45	178	296625	10.759	ng	# 99
75) Fluoranthene	12.59	202	1236042	43.015	ng	# 99
78) Pyrene	12.82	202	1162278	33.886	ng	# 99
81) Benzo(a)anthracene	14.01	228	574355	19.268	ng	# 99
83) Chrysene	14.04	228	482825	17.118	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.97	276	191052	7.342	ng	# 94
88) Benzo(b)fluoranthene	15.07	252	697028	31.581	ng	# 98
89) Benzo(k)fluoranthene	15.07	252	697028	32.629	ng	# 98
90) Benzo(a)pyrene	15.43	252	376677	18.610	ng	# 99
91) Dibenz(a,h)anthracene	16.97	278	49415	2.749	ng	# 88
92) Benzo(g,h,i)perylene	17.42	276	183606	10.367	ng	# 98

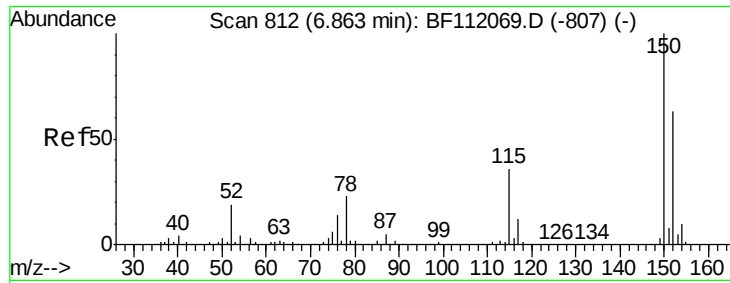
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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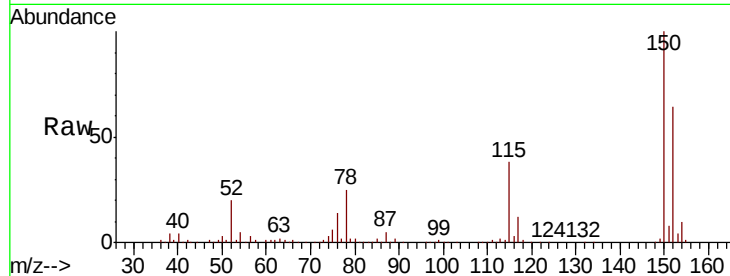




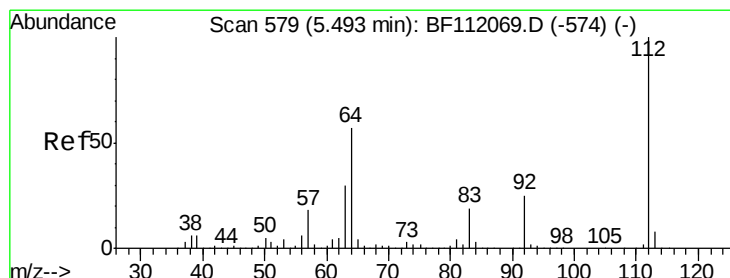
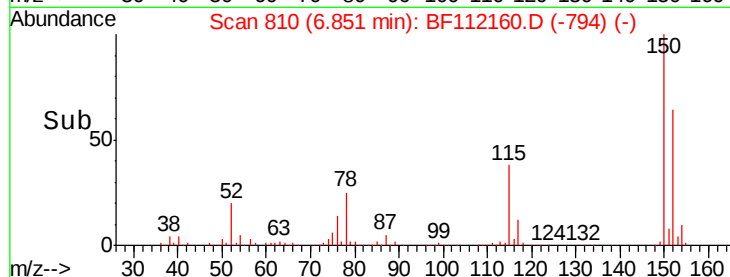
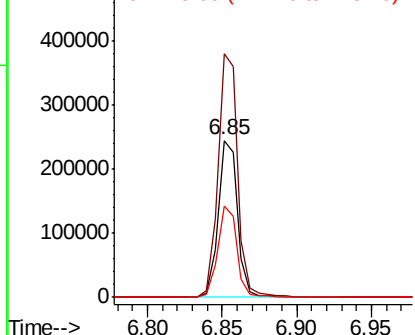
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112160.D
 Acq: 21 Jan 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-A

Tot Ion:152 Resp: 223999
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.4 191.0
 115 58.6 45.5 68.3

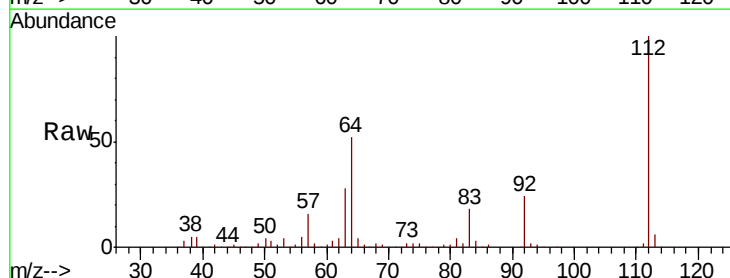


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

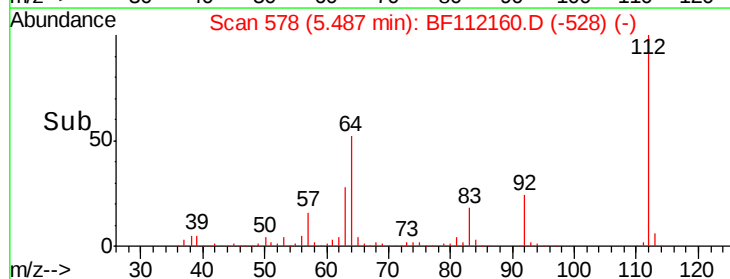
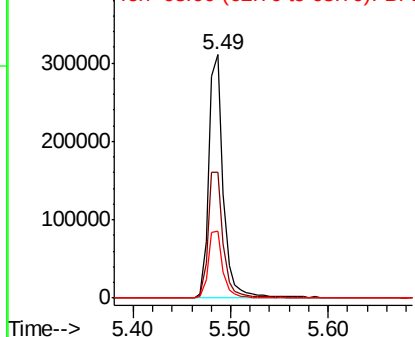


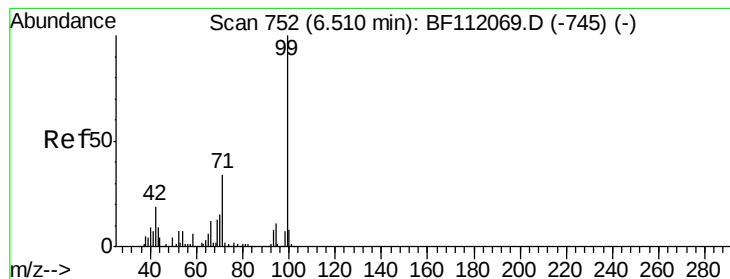
#5
 2-Fluorophenol
 Concen: 26.107 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF112160.D
 Acq: 21 Jan 2019 15:56

Tgt Ion:112 Resp: 322194
 Ion Ratio Lower Upper
 112 100
 64 51.9 45.7 68.5
 63 27.5 23.6 35.4



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: 25.177 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-A

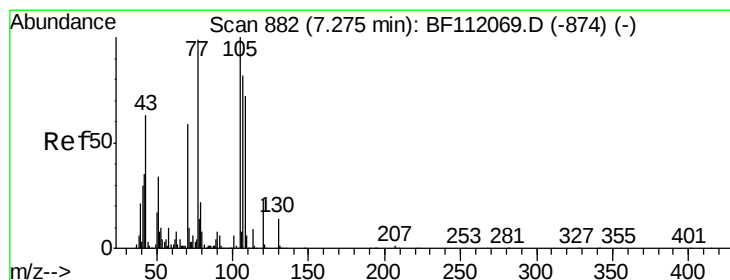
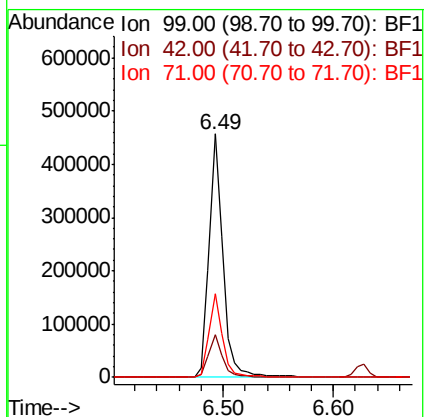
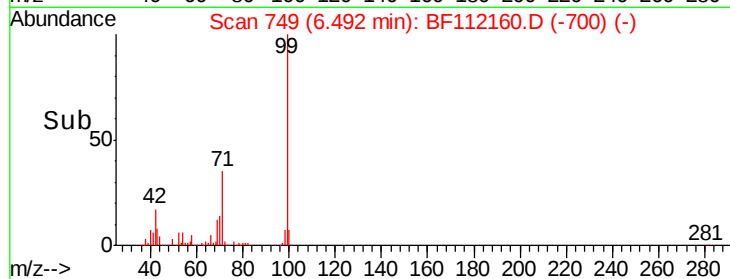
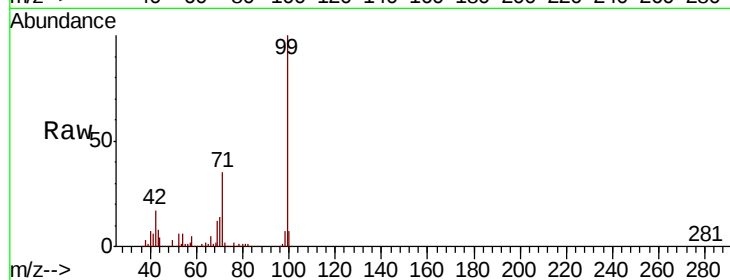
Tot Ion: 99 Resp: 388751

Ion Ratio Lower Upper

99 100

42 17.4 15.1 22.7

71 34.5 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 3.026 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

Tgt Ion: 70 Resp: 28468

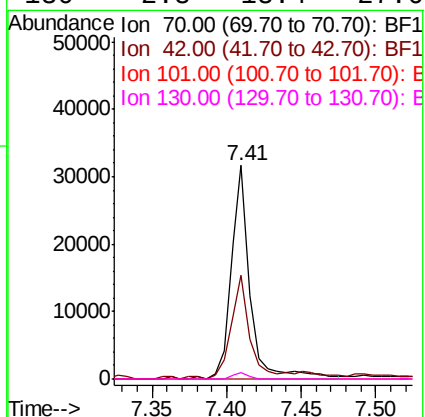
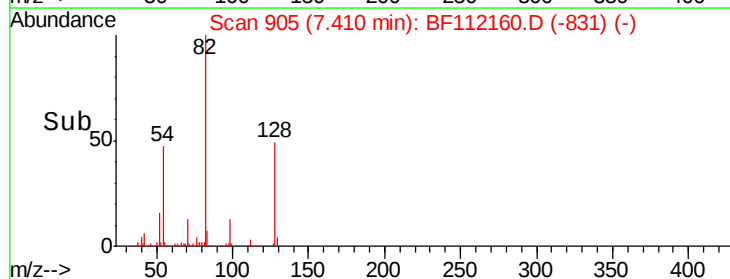
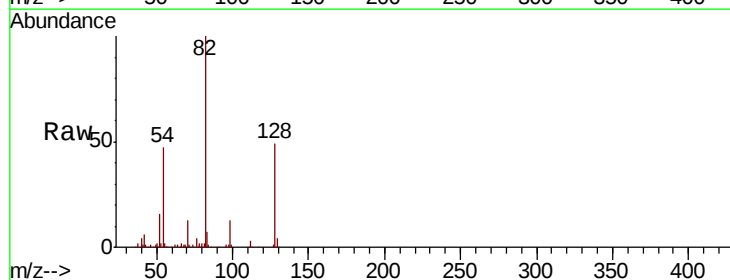
Ion Ratio Lower Upper

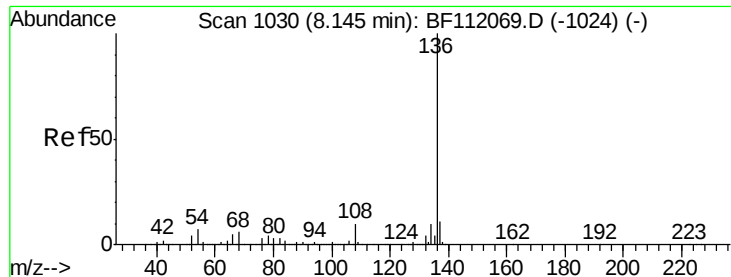
70 100

42 48.4 47.6 71.4

101 0.0 7.9 11.9#

130 2.8 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

Instrument :

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Tot Ion:136 Resp: 776547

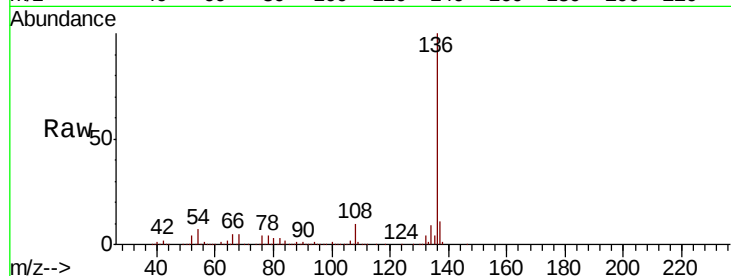
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.0 5.9 8.9

68 5.4 5.1 7.7

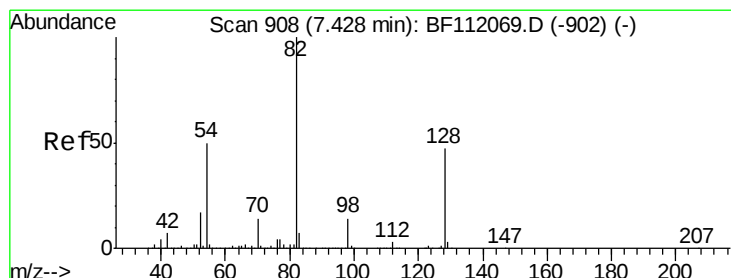
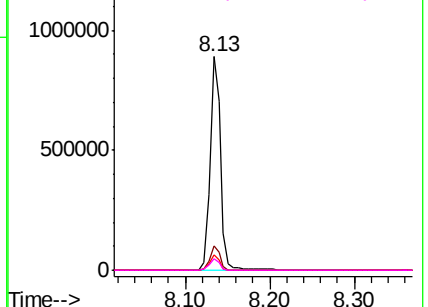
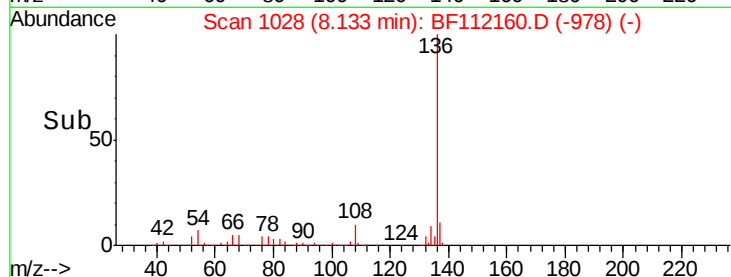


Abundance Ion 136.00 (135.70 to 136.70): E

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: 18.436 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

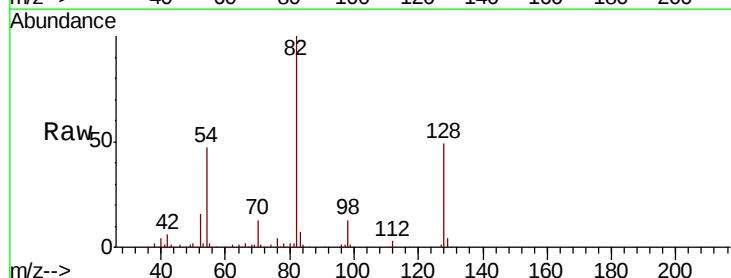
Tgt Ion: 82 Resp: 207217

Ion Ratio Lower Upper

82 100

128 48.7 37.8 56.8

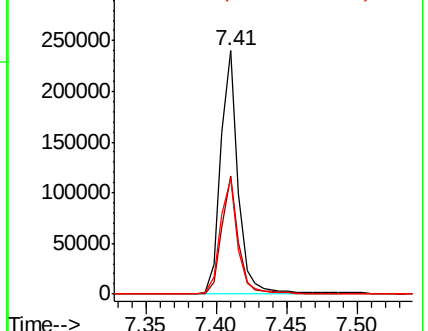
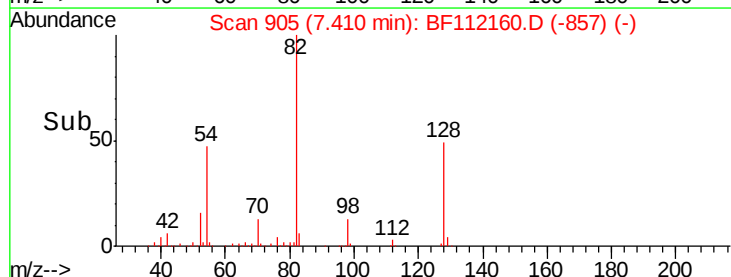
54 47.5 39.7 59.5

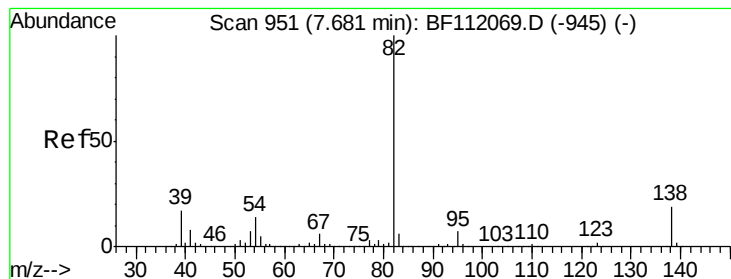


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 9.545 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF112160.D

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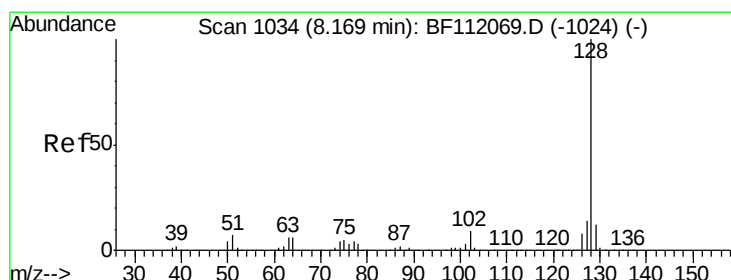
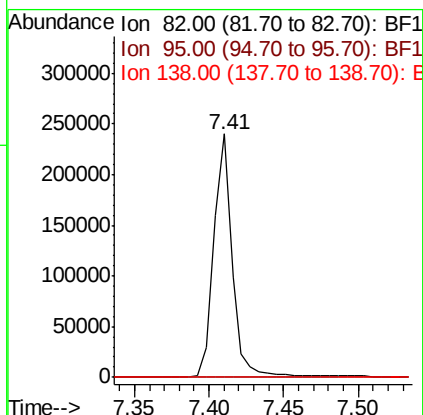
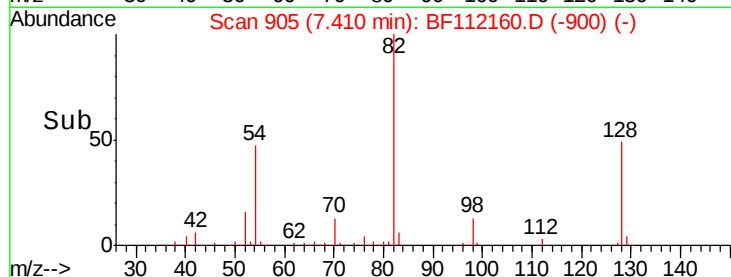
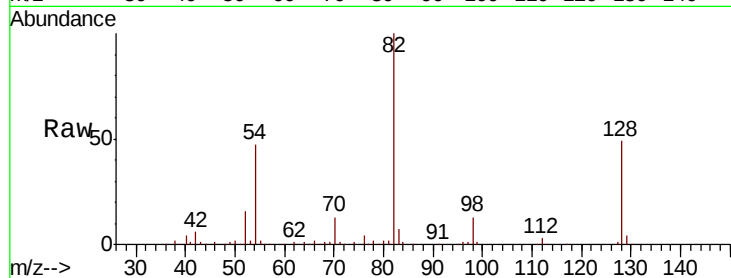
Tot Ion: 82 Resp: 207215

Ion Ratio Lower Upper

82 100

95 0.2 5.7 8.5#

138 0.0 15.4 23.0#



#31

Naphthalene

Concen: 2.453 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

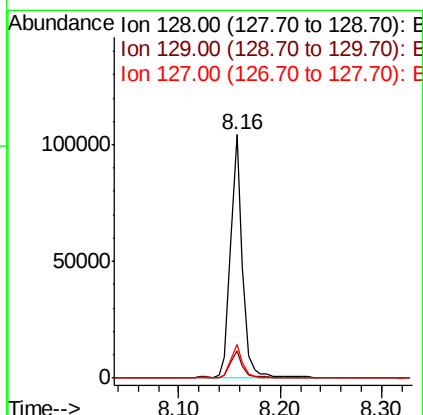
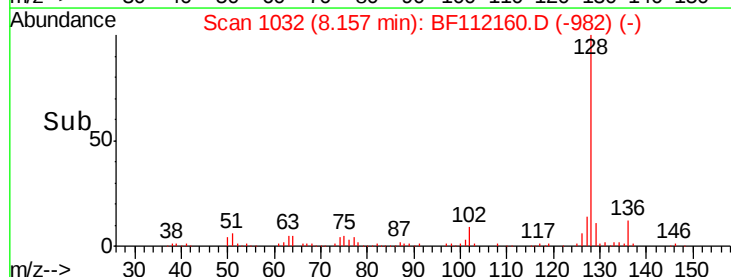
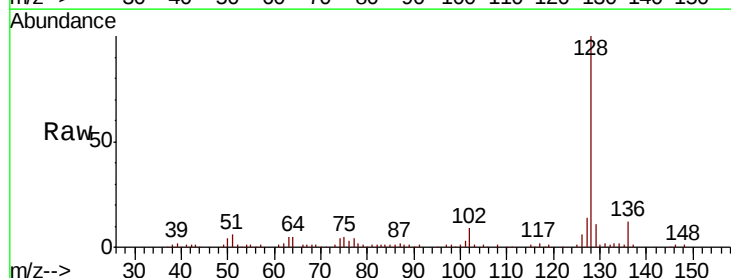
Tgt Ion: 128 Resp: 86623

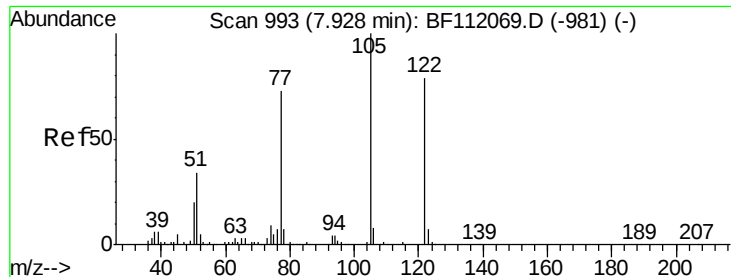
Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

127 13.6 11.1 16.7

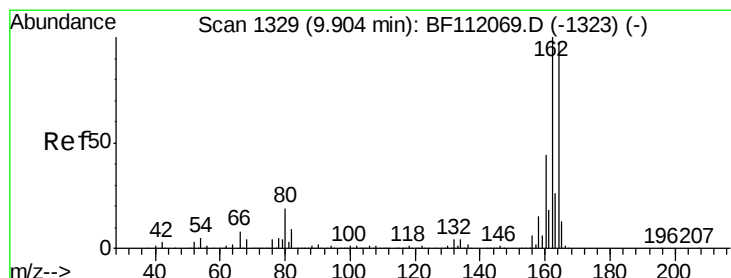
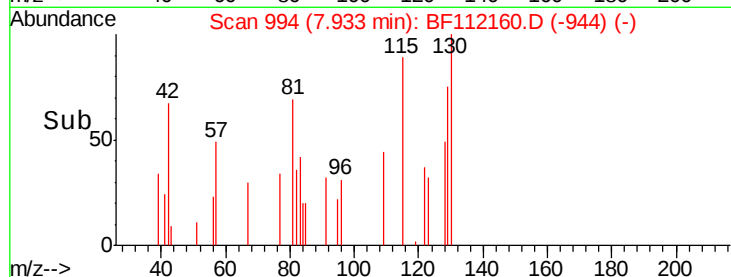
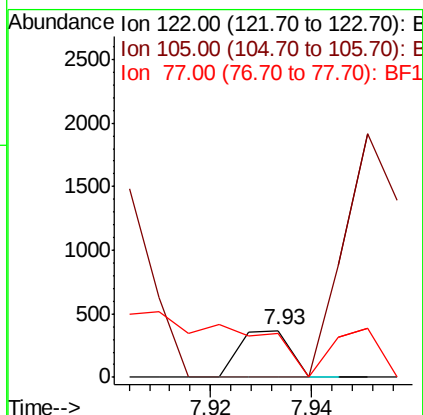
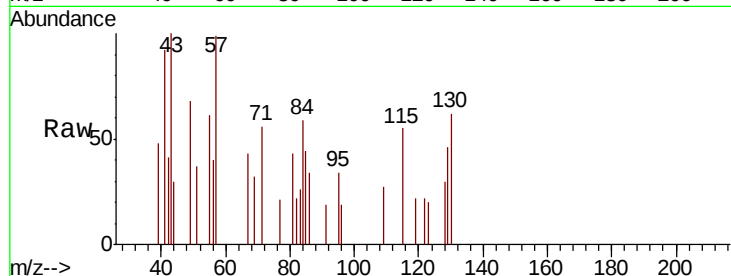




#32
Benzoic acid
Concen: 7.228 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

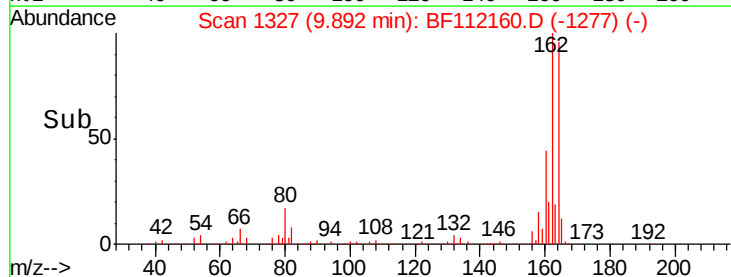
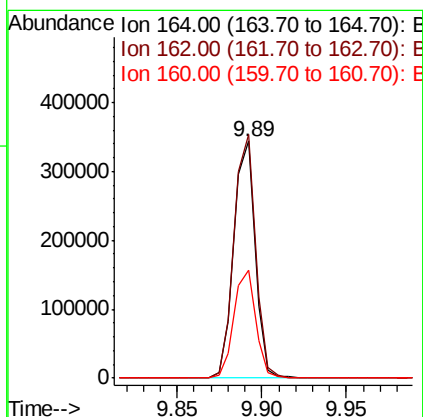
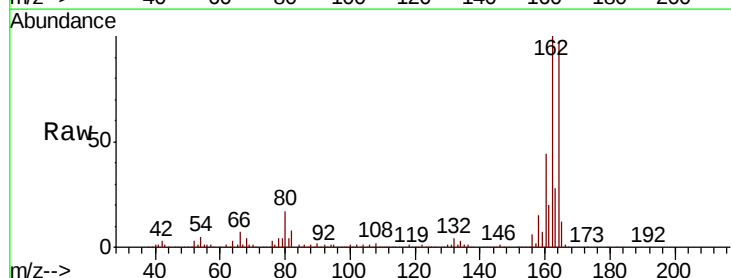
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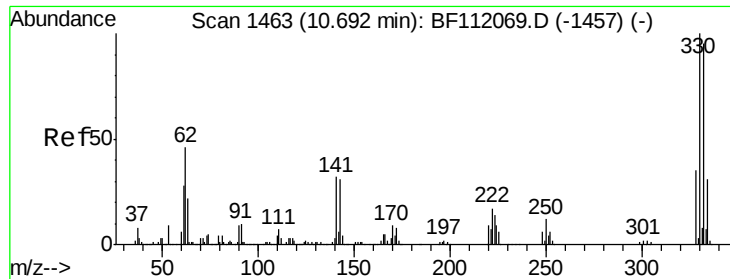
Tot Ion:122 Resp: 253
Ion Ratio Lower Upper
122 100
105 0.0 101.2 141.2#
77 93.4 70.4 110.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:164 Resp: 301984
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.4
160 45.6 36.2 54.4

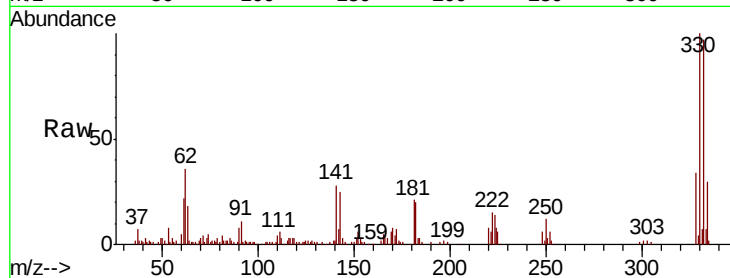




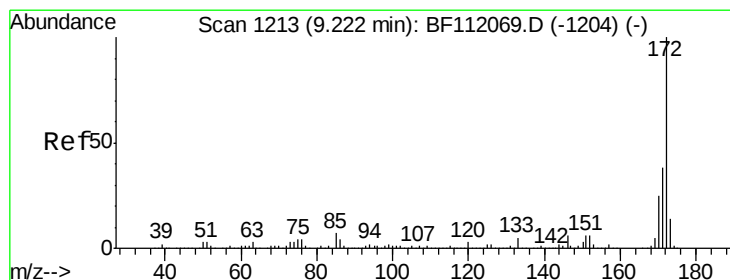
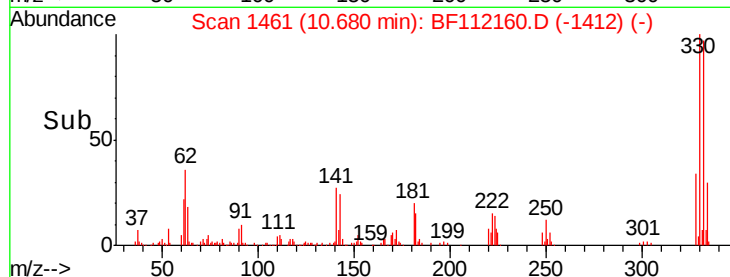
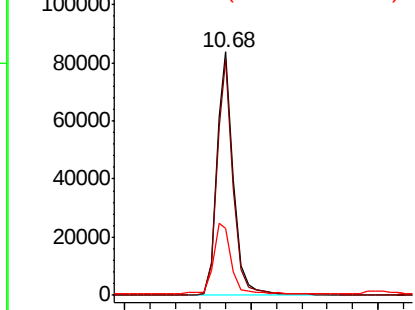
#42
 2,4,6-Tribromophenol
 Concen: 23.624 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112160.D
 Acq: 21 Jan 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-A

Tot Ion:330 Resp: 76960
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.6 114.8
 141 31.8 24.3 36.5

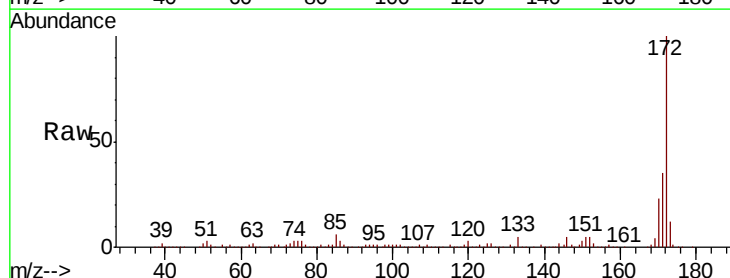


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

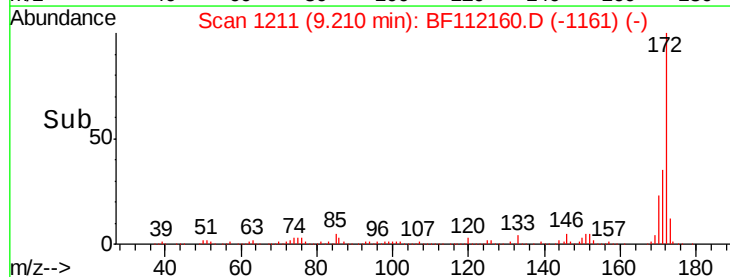
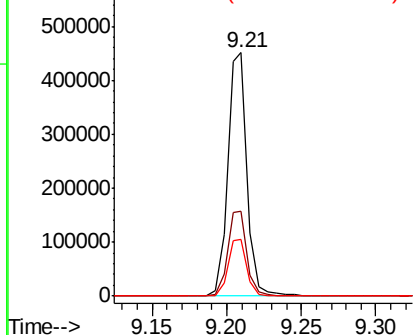


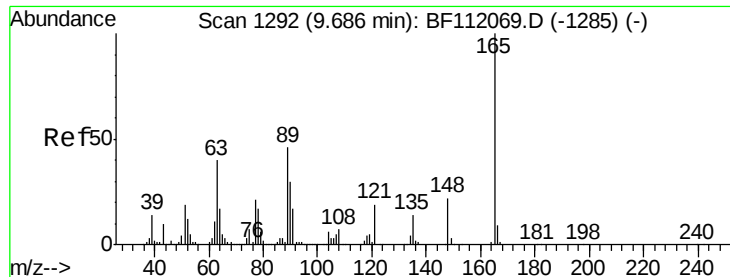
#45
 2-Fluorobiphenyl
 Concen: 20.042 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112160.D
 Acq: 21 Jan 2019 15:56

Tgt Ion:172 Resp: 412810
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.5 45.7
 170 23.4 20.2 30.4



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

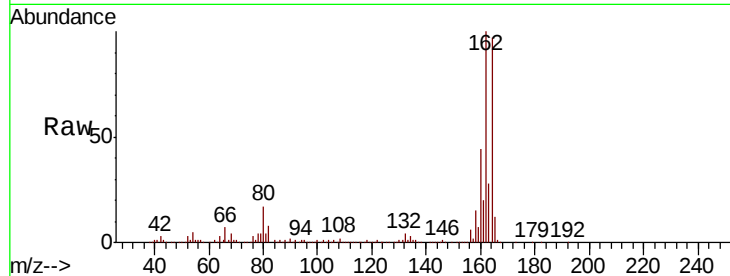




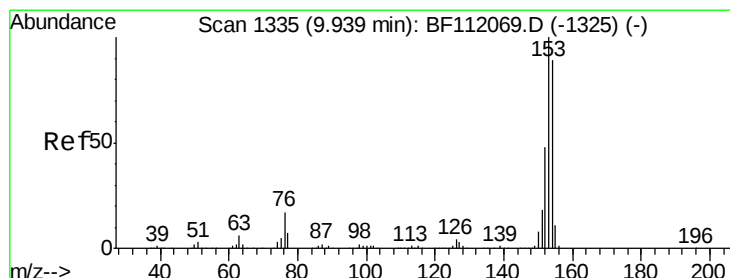
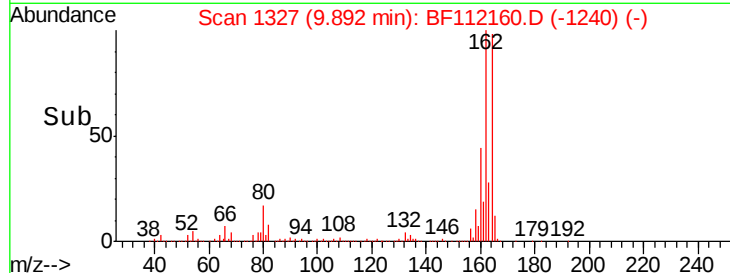
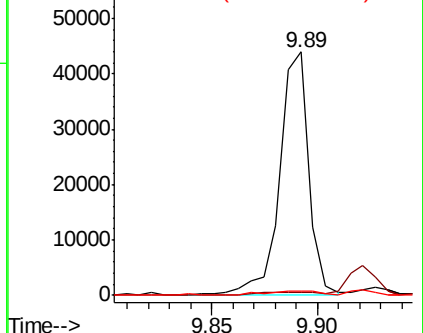
#51
2,6-Dinitrotoluene
Concen: 9.654 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tot Ion:165 Resp: 42460
Ion Ratio Lower Upper
165 100
63 1.3 33.8 50.8#
89 1.7 36.9 55.3#

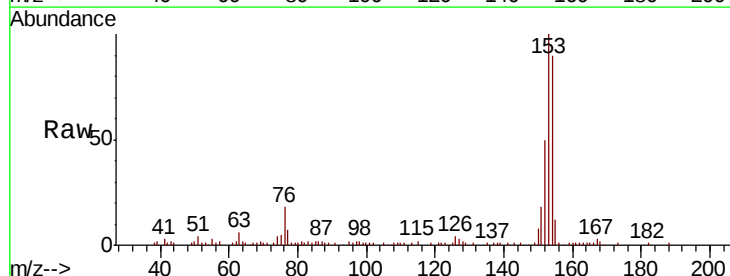


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

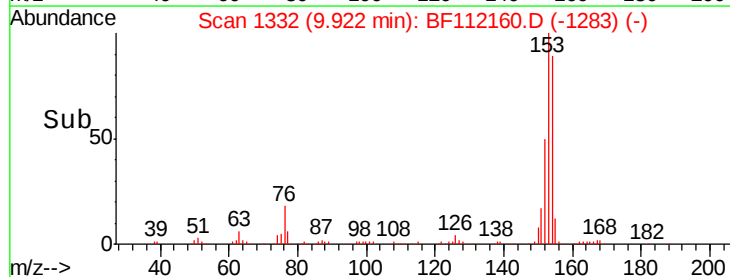
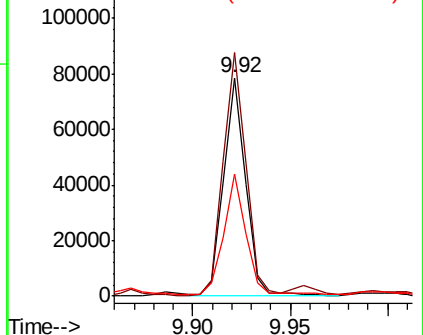


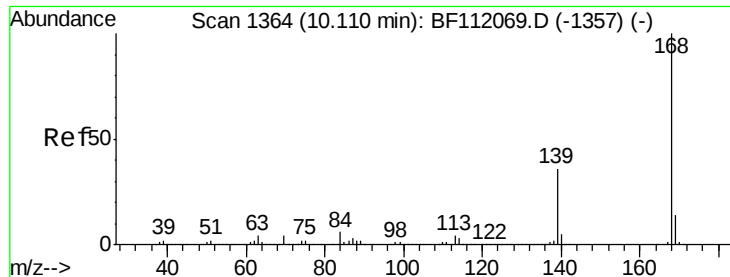
#52
Acenaphthene
Concen: 3.462 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:154 Resp: 61089
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.6
152 56.1 43.5 65.3



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

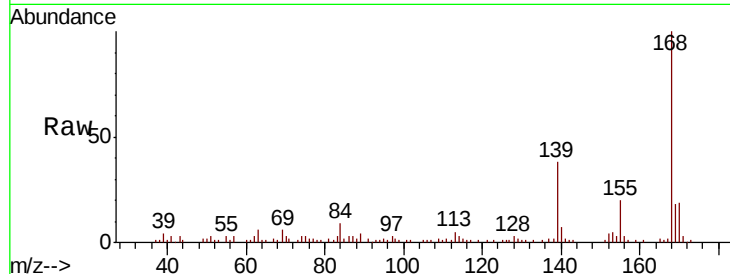




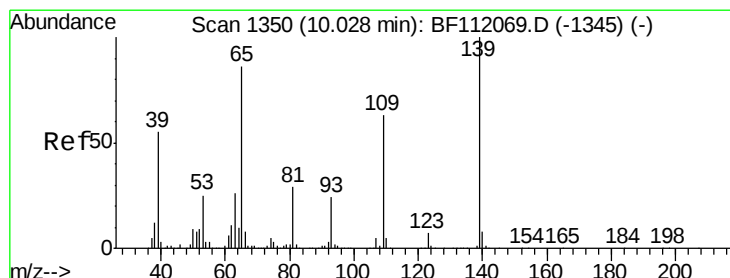
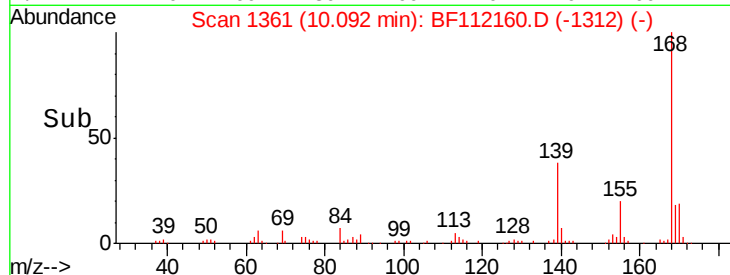
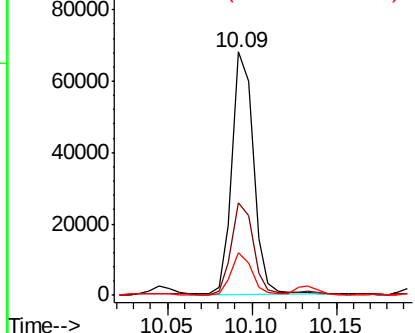
#55
Dibenzofuran
Concen: 2.263 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tot Ion:168 Resp: 60384
Ion Ratio Lower Upper
168 100
139 38.1 29.2 43.8
169 17.6 11.4 17.0#

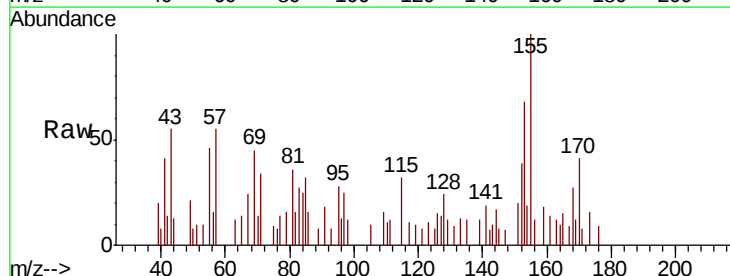


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

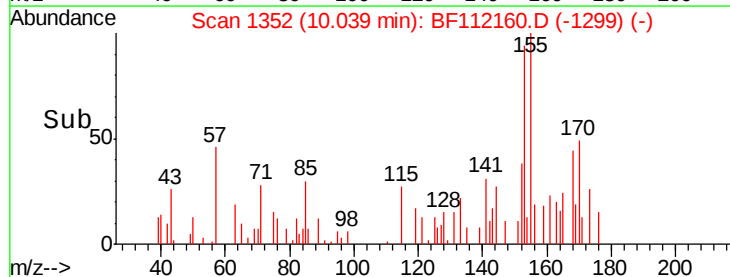
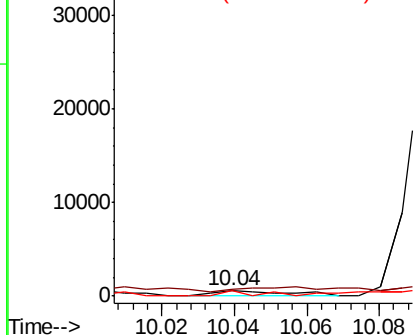


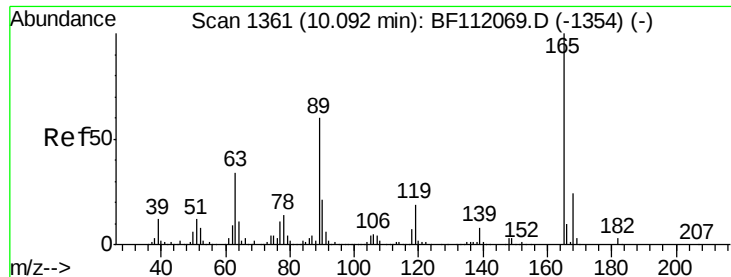
#56
4-Nitrophenol
Concen: 5.892 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:139 Resp: 895
Ion Ratio Lower Upper
139 100
109 128.3 42.8 82.8#
65 112.9 66.1 106.1#



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

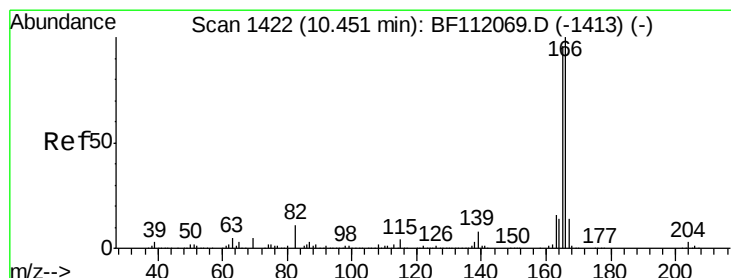
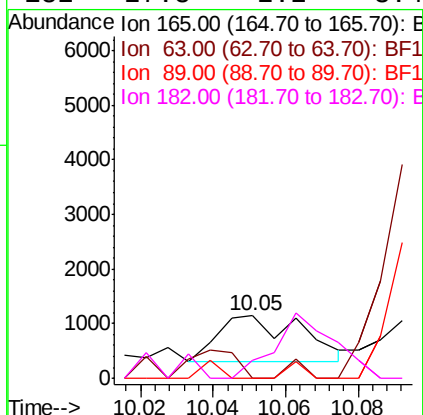
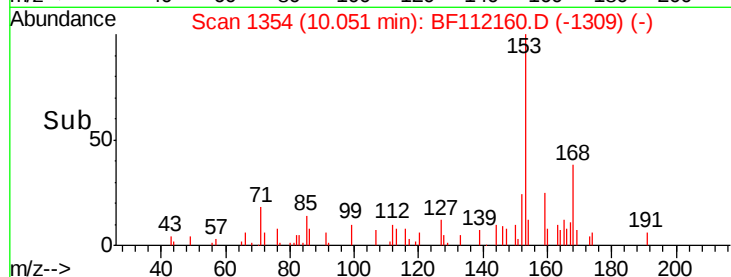
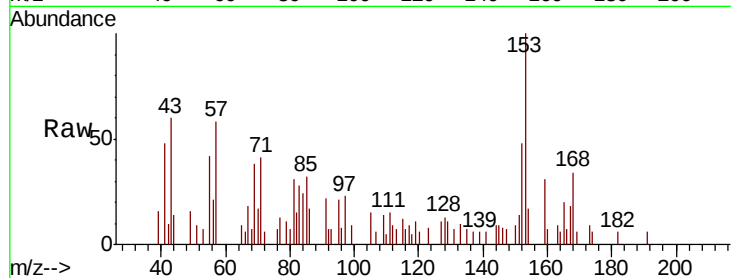




#57
2,4-Dinitrotoluene
Concen: 4.794 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.04 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

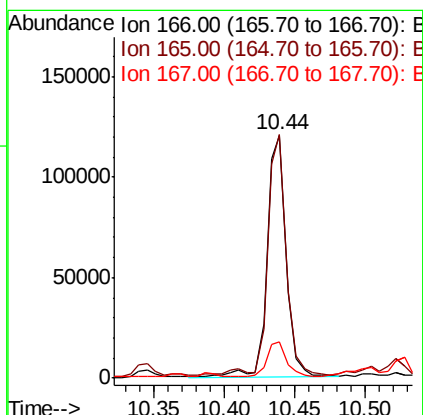
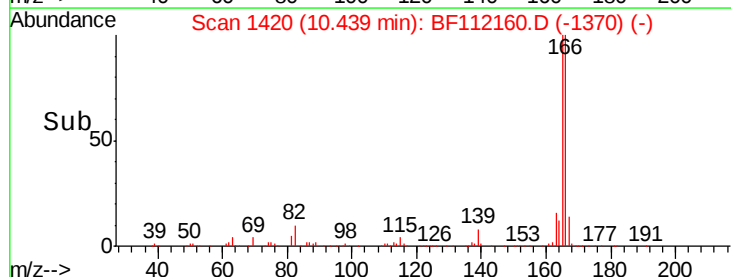
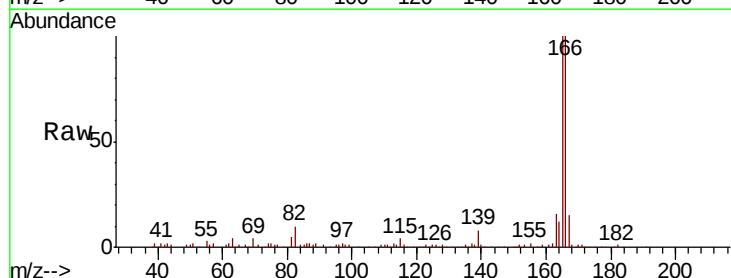
Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

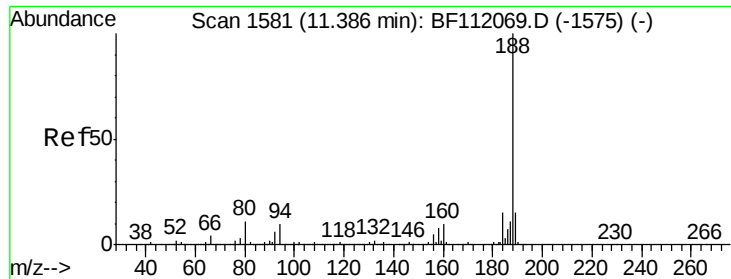
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.9	41.9#
89	0.0	47.9	71.9#
182	27.8	2.2	3.4#



#58
Fluorene
Concen: 5.728 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.1	115.7
167	14.7	11.3	16.9

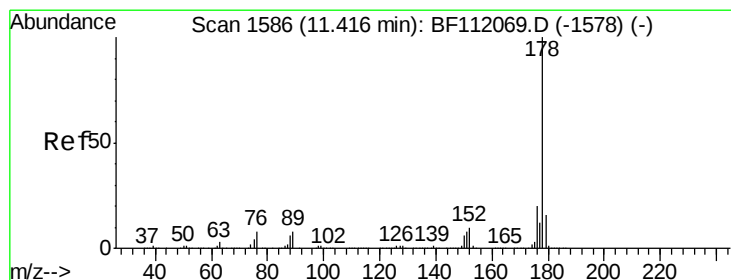
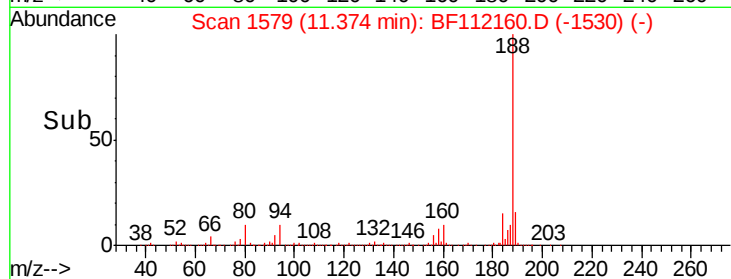
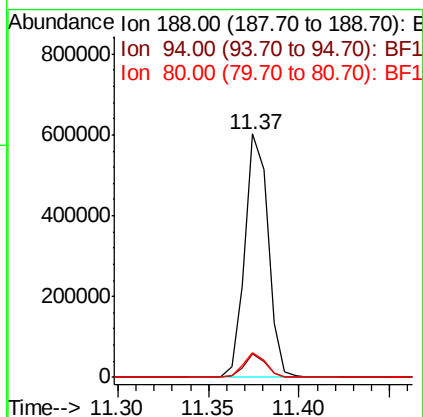
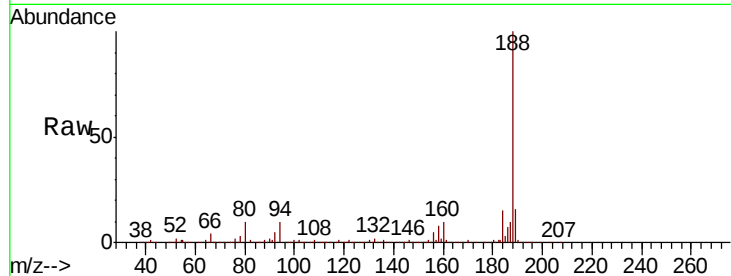




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

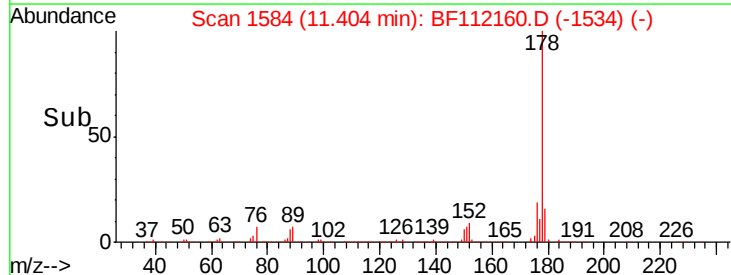
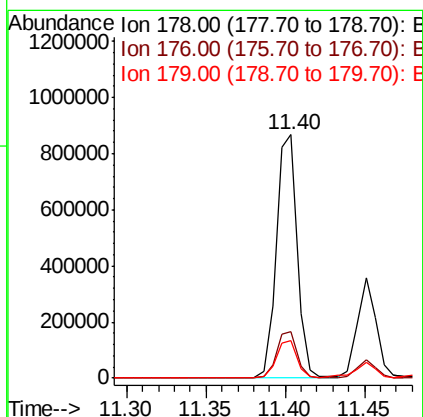
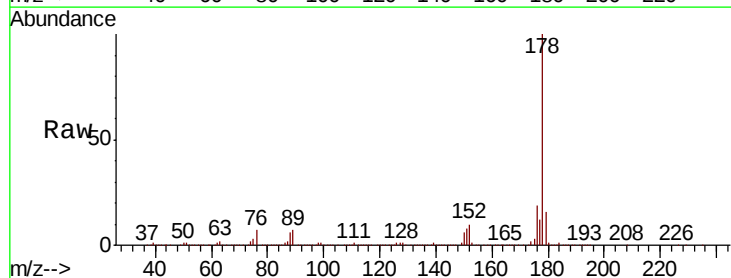
Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

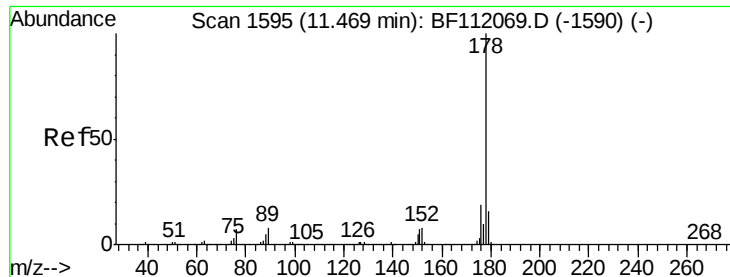
Tot Ion:188 Resp: 540789
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.2 8.9 13.3



#71
Phenanthrene
Concen: 29.175 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion:178 Resp: 794011
Ion Ratio Lower Upper
178 100
176 19.2 16.3 24.5
179 15.6 13.0 19.4





#72

Anthracene

Concen: 10.759 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-A

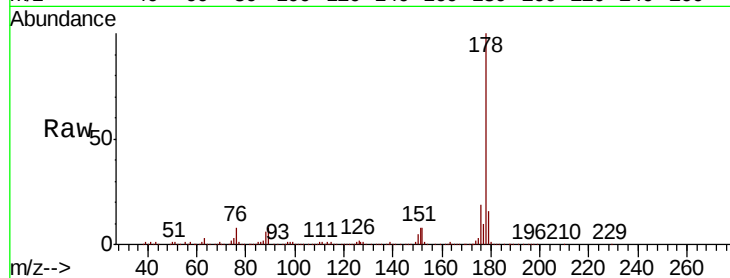
Tot Ion:178 Resp: 296625

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 15.7 12.8 19.2

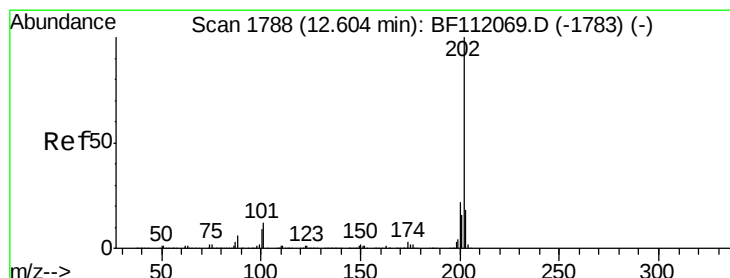
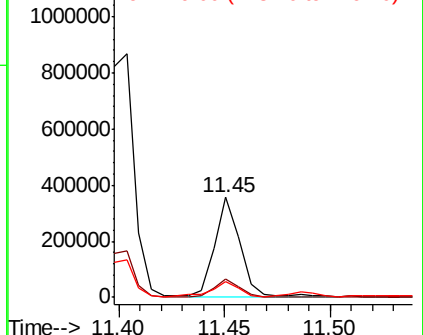
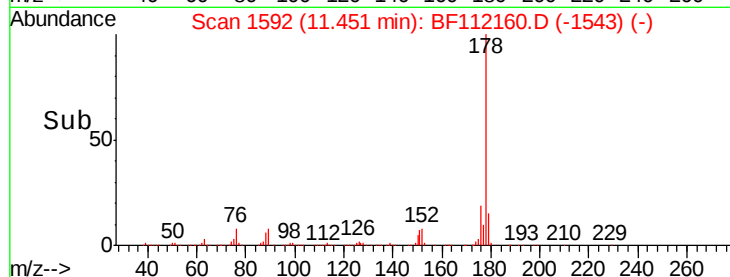


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 43.015 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

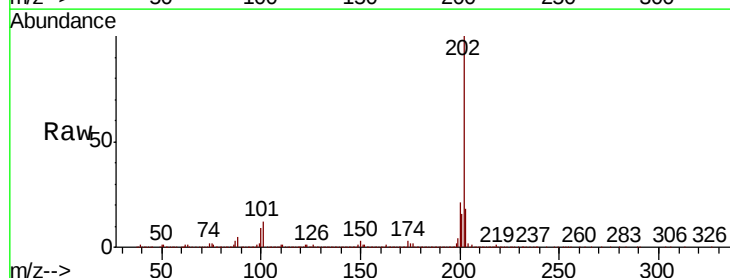
Tgt Ion:202 Resp: 1236042

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.8

203 18.0 0.0 38.4

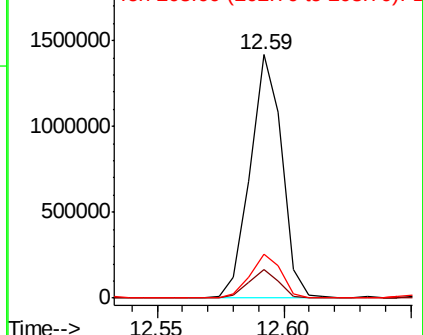
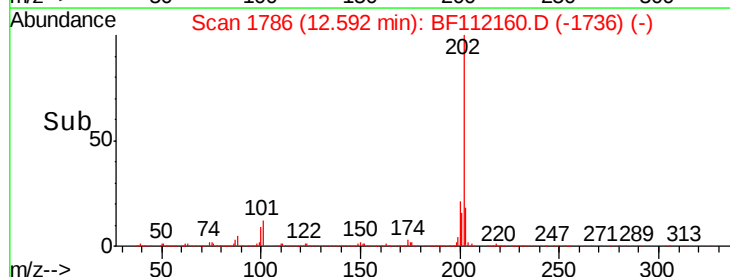


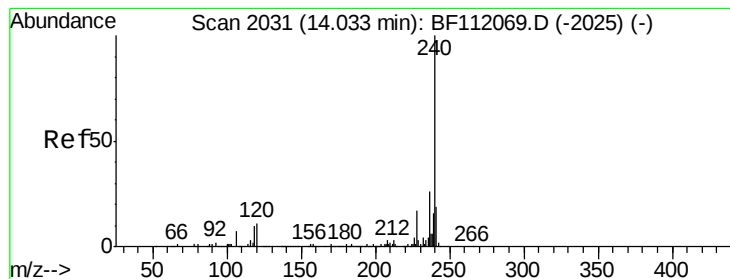
Abundance

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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-A

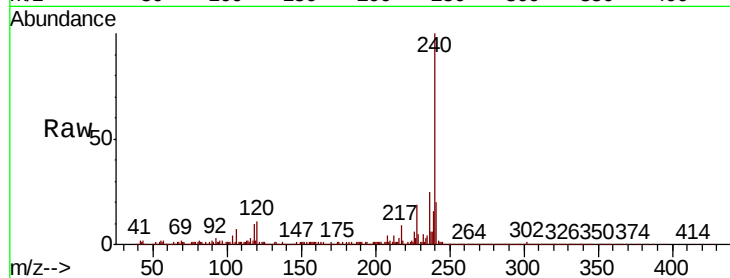
Tot Ion:240 Resp: 519882

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

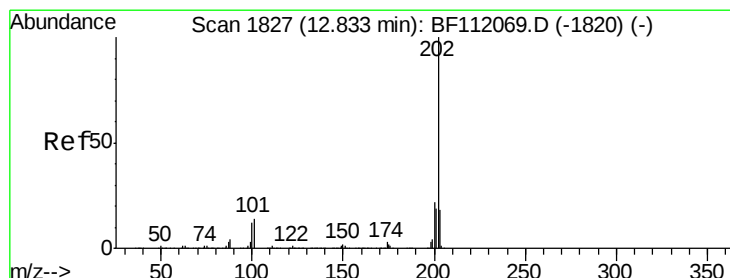
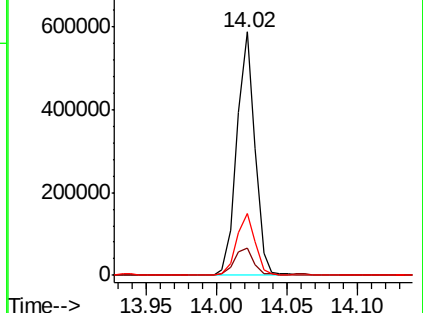
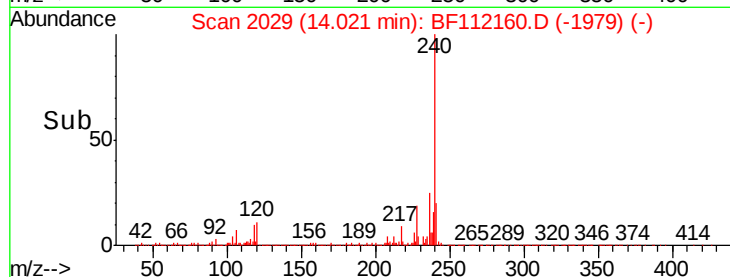
236 25.4 20.7 31.1



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: 33.886 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

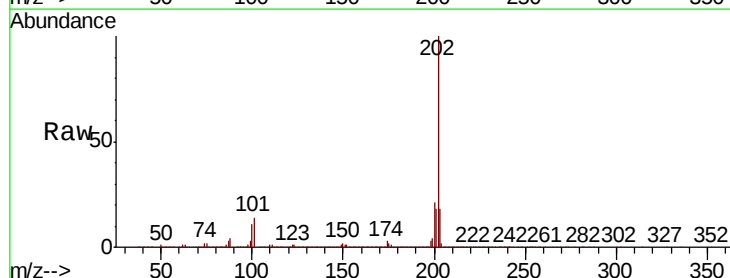
Tgt Ion:202 Resp: 1162278

Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

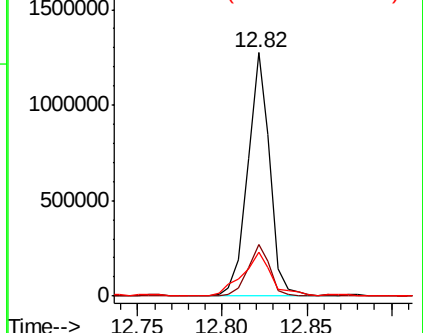
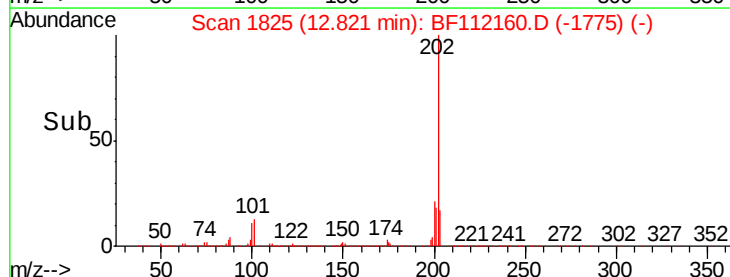
203 18.1 14.6 22.0

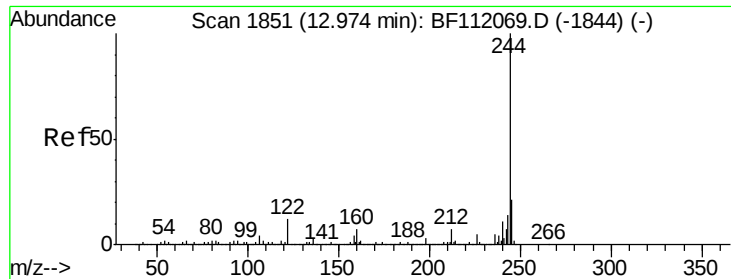


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 17.040 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-A

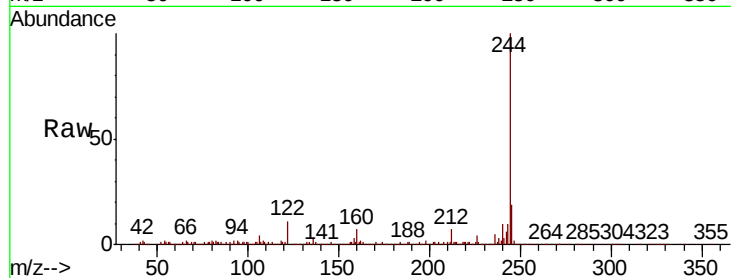
Tot Ion:244 Resp: 416412

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

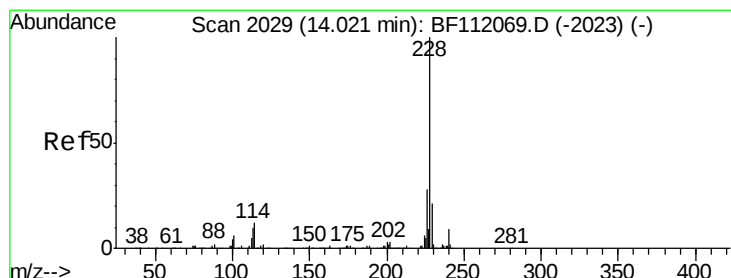
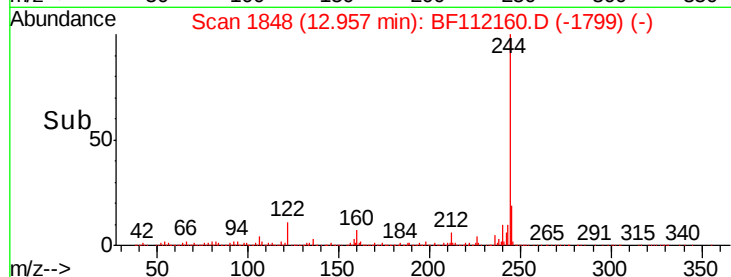
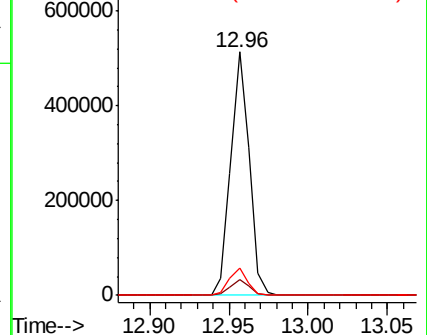
122 11.2 9.8 14.6



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: 19.268 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

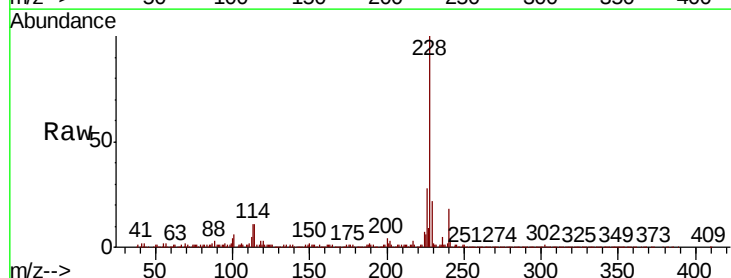
Tgt Ion:228 Resp: 574355

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

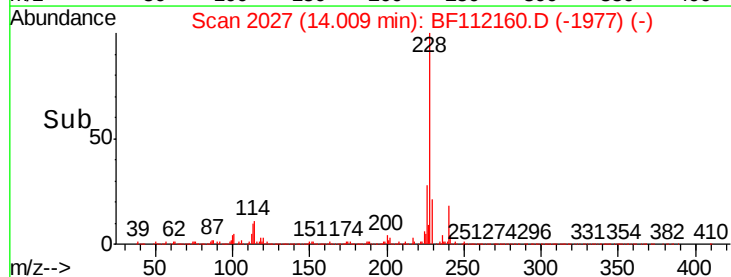
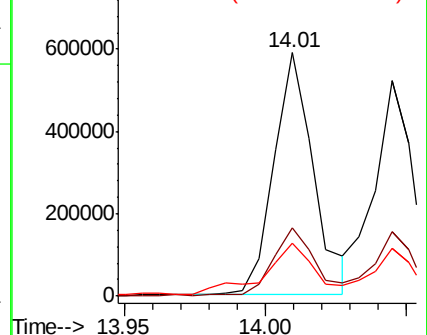
229 21.6 16.5 24.7

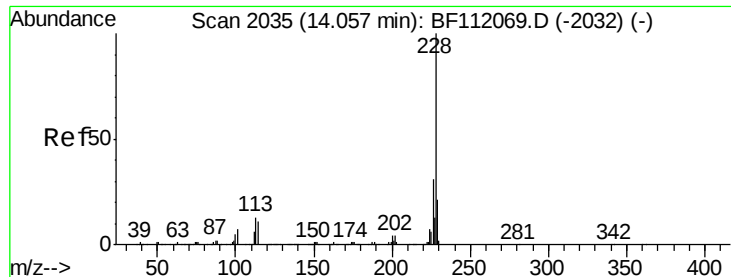


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 17.118 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-A

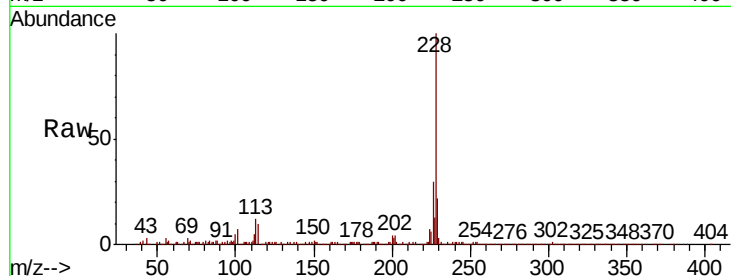
Tot Ion:228 Resp: 482825

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.6

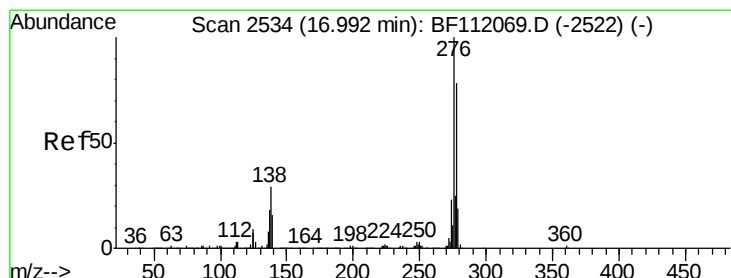
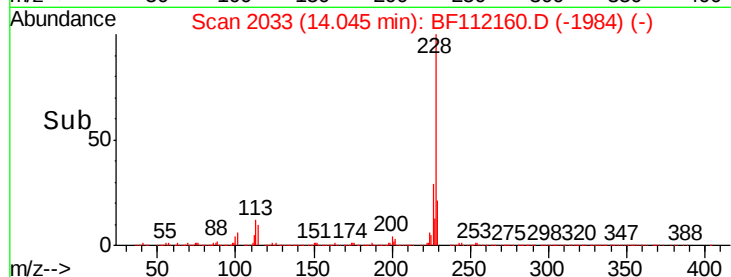
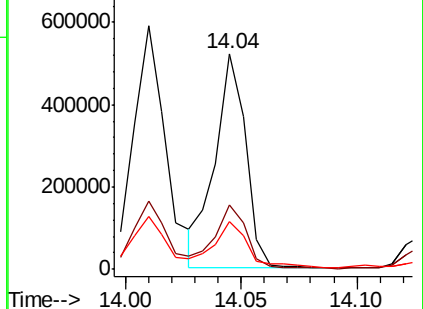
229 22.3 16.6 24.8



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: 7.342 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.02 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

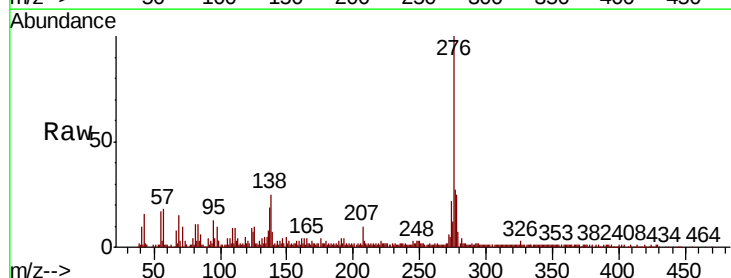
Tgt Ion:276 Resp: 191052

Ion Ratio Lower Upper

276 100

138 22.8 22.6 34.0

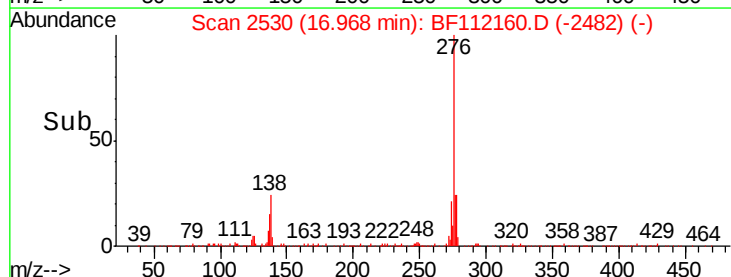
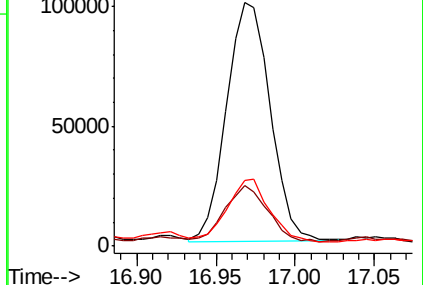
277 25.0 20.3 30.5

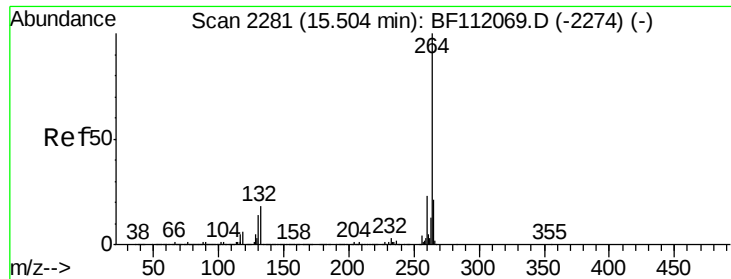


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-A

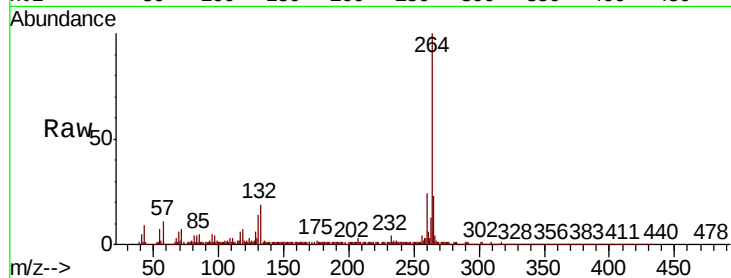
Tot Ion:264 Resp: 388822

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

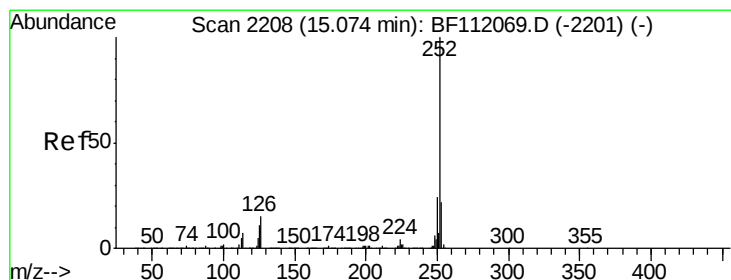
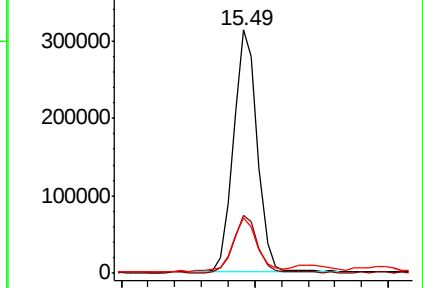
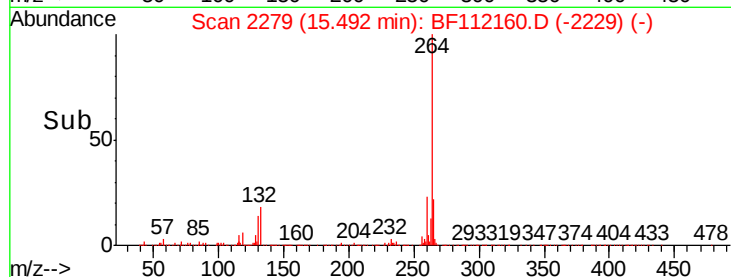
265 22.6 17.0 25.4



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: 31.581 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

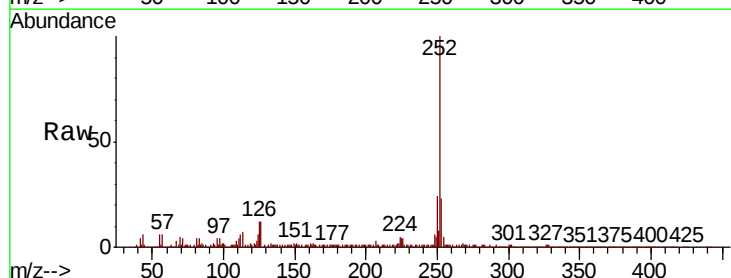
Tgt Ion:252 Resp: 697028

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

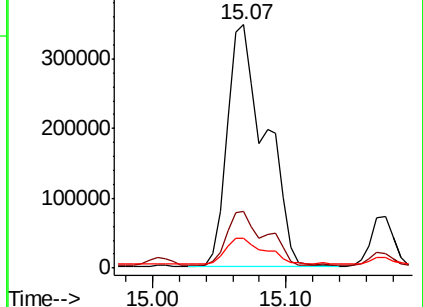
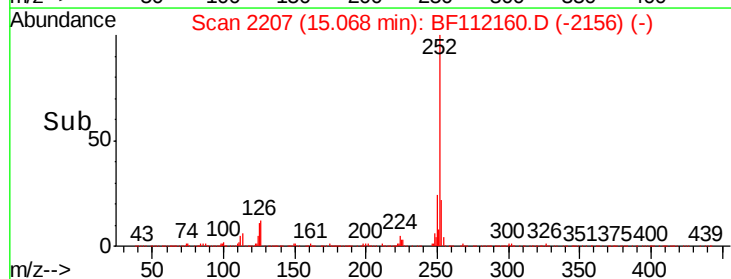
125 12.4 8.7 13.1

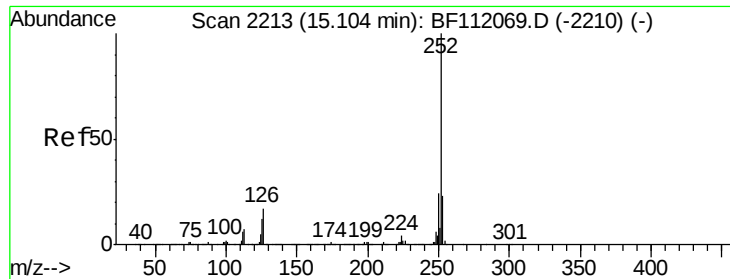


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

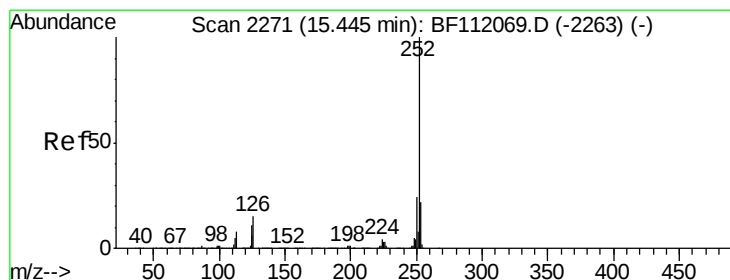
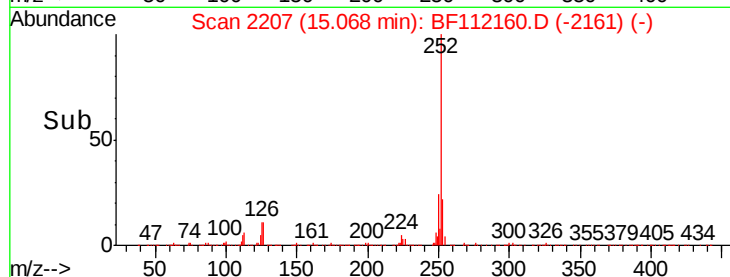
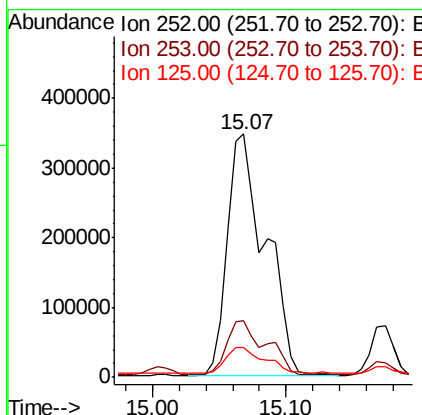
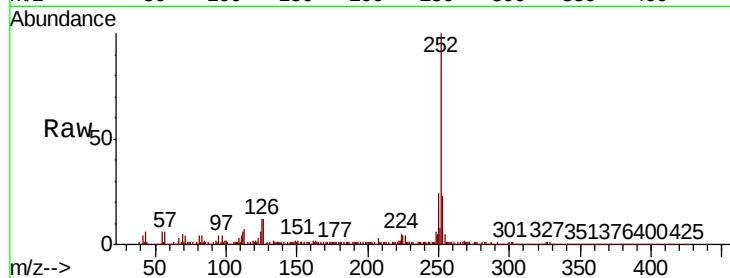




#89
Benzo(k)fluoranthene
Concen: 32.629 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

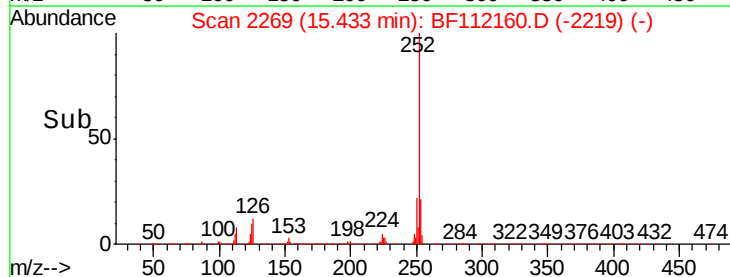
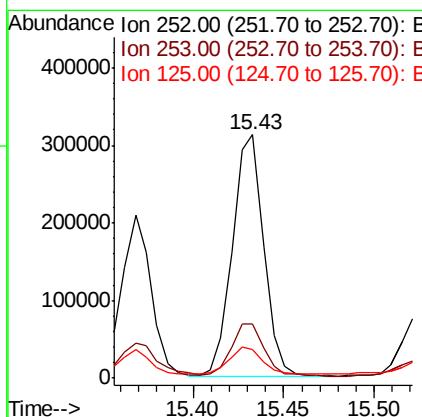
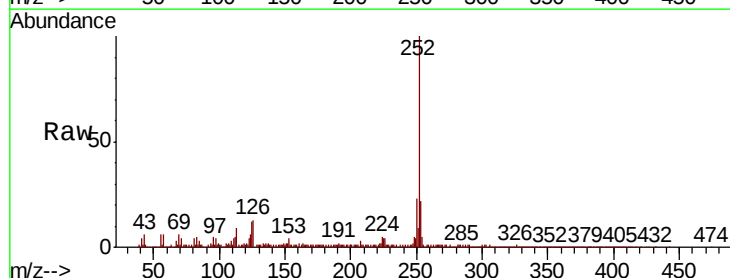
Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

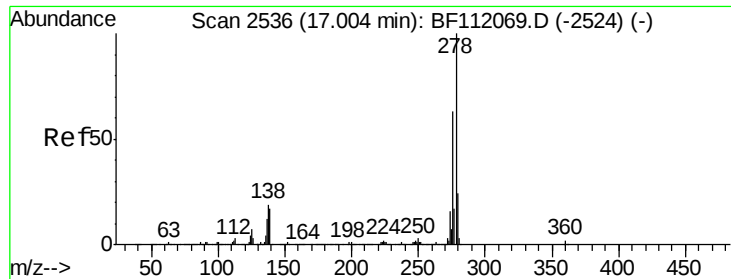
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.4	9.1	13.7



#90
Benzo(a)pyrene
Concen: 18.610 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF112160.D
Acq: 21 Jan 2019 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.7	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 2.749 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.03 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-A

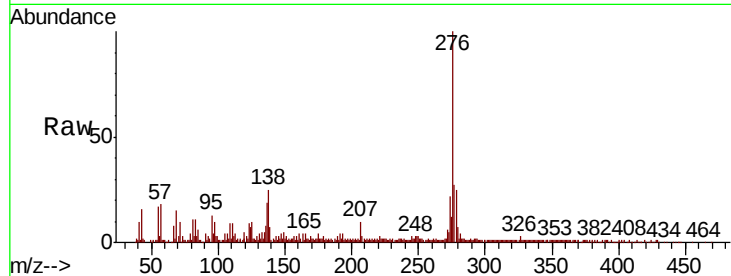
Tot Ion:278 Resp: 49415

Ion Ratio Lower Upper

278 100

139 26.4 13.7 20.5#

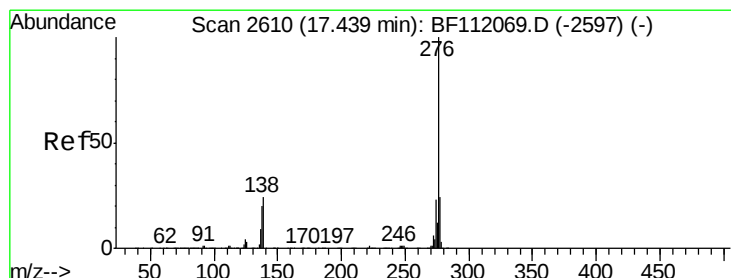
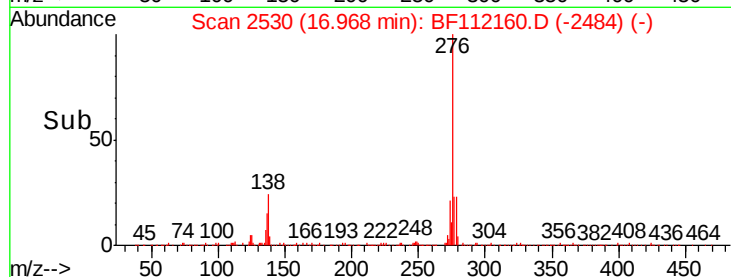
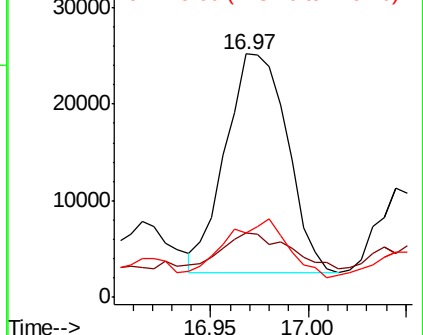
279 26.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 10.367 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BF112160.D

Acq: 21 Jan 2019 15:56

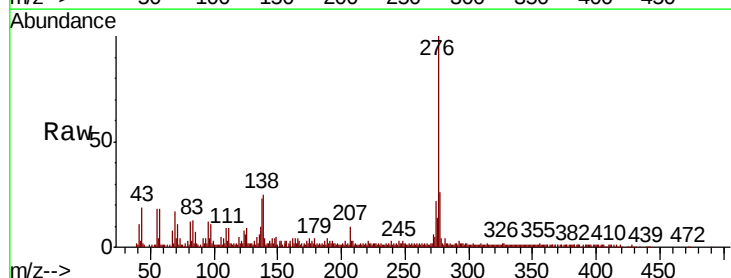
Tgt Ion:276 Resp: 183606

Ion Ratio Lower Upper

276 100

277 25.5 19.4 29.0

138 24.5 19.1 28.7



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

