

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111997.D
 Acq On : 10 Jan 2019 19:43
 Operator : JU/SJ
 Sample : K1071-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:53:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

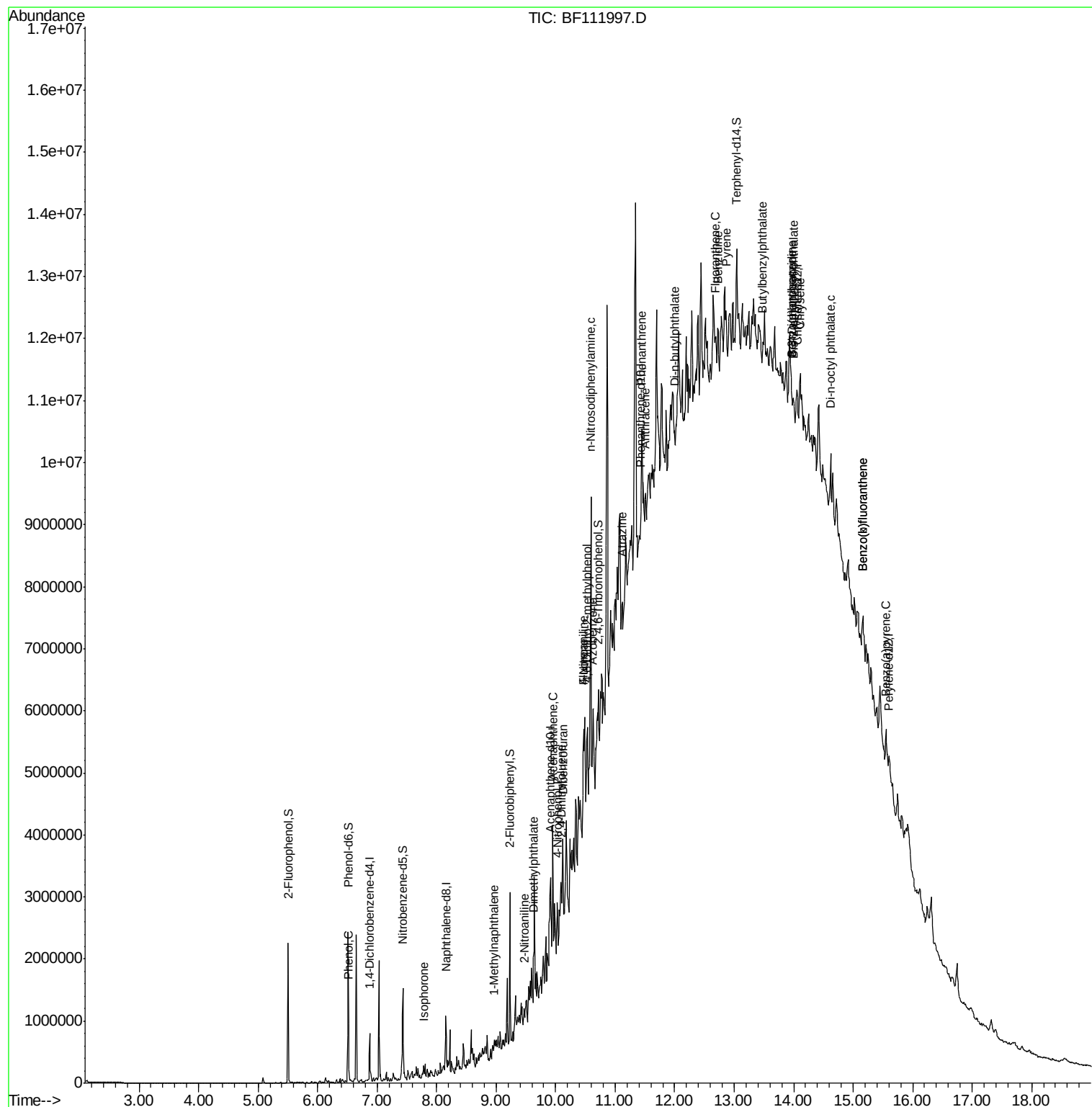
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	100970	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	336799	20.00	ng	-0.02
39) Acenaphthene-d10	9.92	164	149085	20.00	ng	-0.02
64) Phenanthrene-d10	11.43	188	204197	20.00	ng	0.01
76) Chrysene-d12	14.05	240	8276	20.00	ng	0.00
87) Perylene-d12	15.60	264	142077	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	569945	96.57	ng	-0.02
7) Phenol-d6	6.52	99	729245	95.87	ng	-0.02
23) Nitrobenzene-d5	7.43	82	412622	65.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	149983	77.34	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	680902	66.60	ng	-0.02
79) Terphenyl-d14	13.04	244	498911	1144.32	ng	0.05
Target Compounds						
9) Benzaldehyde	6.51	77	1577	Below Cal		Qvalue
10) Phenol	6.53	94	28897	3.495 ng	#	1
25) Isophorone	7.78	82	20602	2.019 ng	#	76
38) 1-Methylnaphthalene	8.97	142	40525	4.265 ng	#	66
48) 2-Nitroaniline	9.47	65	6379	2.132 ng	#	99
50) Dimethylphthalate	9.62	163	75651	6.755 ng	#	1
52) Acenaphthene	9.95	154	248460	26.635 ng	#	95
55) Dibenzofuran	10.12	168	36423	2.685 ng	#	92
56) 4-Nitrophenol	10.02	139	10603	5.595 ng	#	42
57) 2,4-Dinitrotoluene	10.09	165	35293	10.906 ng	#	1
58) Fluorene	10.47	166	327373	33.163 ng	#	53
62) 4-Nitroaniline	10.47	138	8952	3.519 ng	#	91
63) Azobenzene	10.63	77	51934	5.016 ng	#	50
65) 4,6-Dinitro-2-methylphenol	10.53	198	6929	5.499 ng	#	1
66) n-Nitrosodiphenylamine	10.59	169	182244	26.596 ng	#	1
69) Atrazine	11.12	200	7800	3.240 ng	#	45
71) Phenanthrene	11.46	178	438097	40.128 ng	#	1
72) Anthracene	11.51	178	84737	7.646 ng	#	88
74) Di-n-butylphthalate	11.99	149	37609	3.003 ng	#	61
75) Fluoranthene	12.68	202	305900	27.294 ng	#	1
77) Benzidine	12.73	184	14723	59.537 ng	#	83
78) Pyrene	12.87	202	26724	46.930 ng	#	1
80) Butylbenzylphthalate	13.47	149	2014	8.366 ng	#	1
81) Benzo(a)anthracene	13.98	228	6743	14.157 ng	#	1
82) 3,3'-Dichlorobenzidine	13.98	252	14604	83.053 ng	#	51
83) Chrysene	14.10	228	71345	157.100 ng	#	19
84) Bis(2-ethylhexyl)phthalate	14.01	149	5306	16.783 ng	#	1
85) Di-n-octyl phthalate	14.62	149	54551	120.567 ng	#	32
88) Benzo(b)fluoranthene	15.17	252	35507	4.178 ng	#	1
89) Benzo(k)fluoranthene	15.17	252	35507	4.445 ng	#	1
90) Benzo(a)pyrene	15.54	252	19528	2.613 ng	#	1

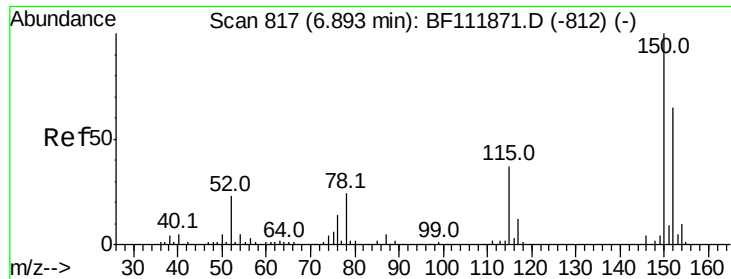
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
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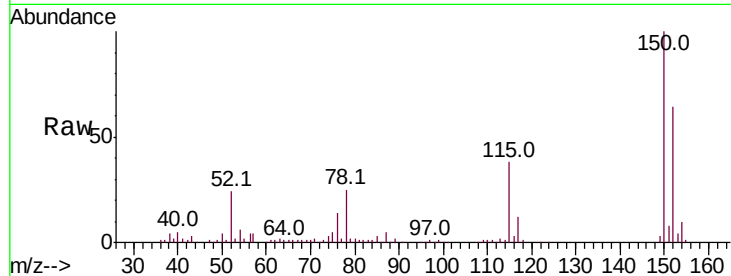


#1

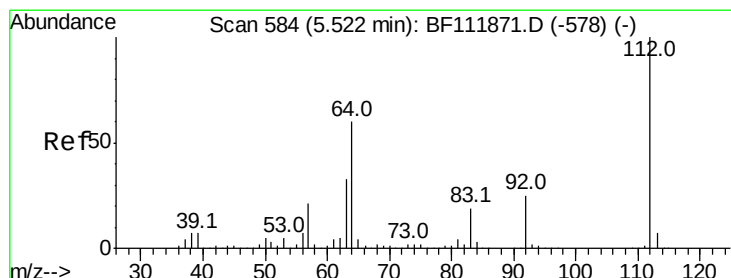
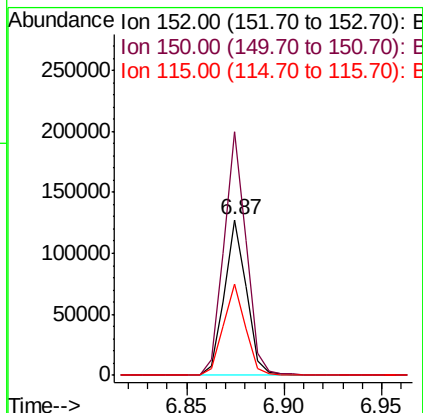
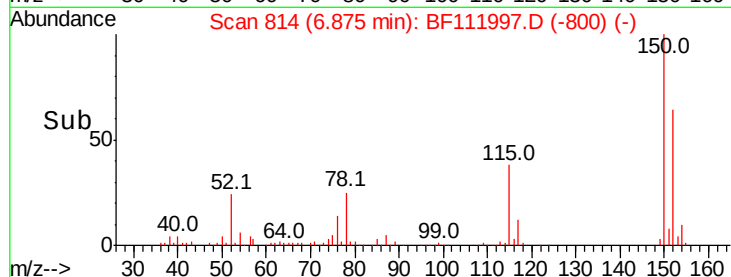
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100970
Ion Ratio Lower Upper
152 100
150 156.7 122.7 184.1
115 58.9 45.2 67.8



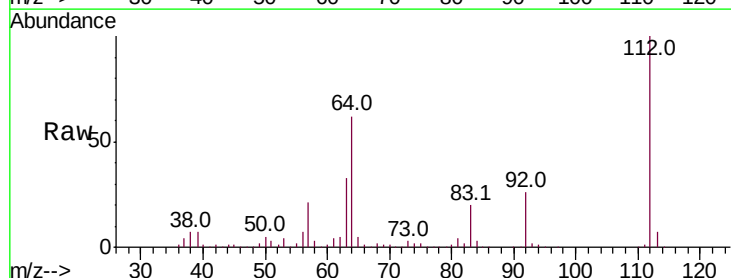
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



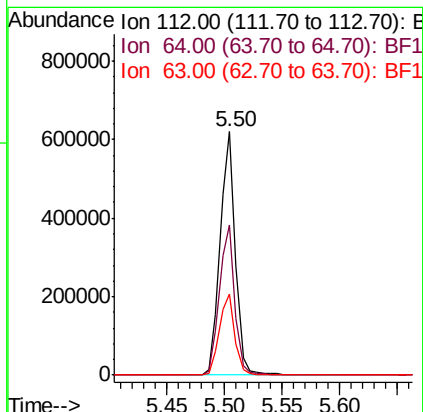
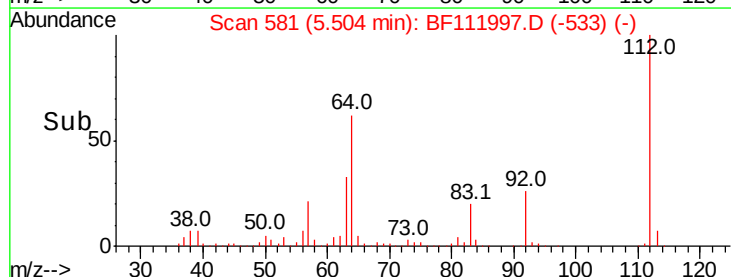
#5

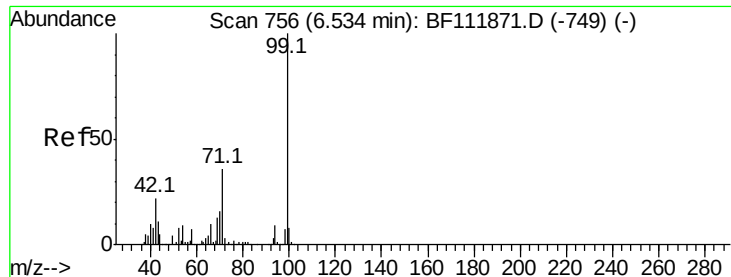
2-Fluorophenol
Concen: 96.570 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Tgt Ion:112 Resp: 569945
Ion Ratio Lower Upper
112 100
64 61.8 48.3 72.5
63 33.0 26.1 39.1



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: 95.868 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampled :

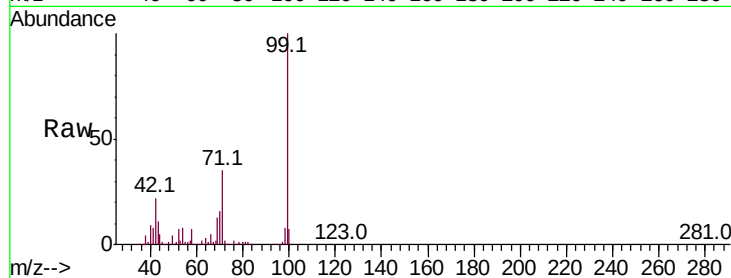
Tot Ion: 99 Resp: 729245

Ion Ratio Lower Upper

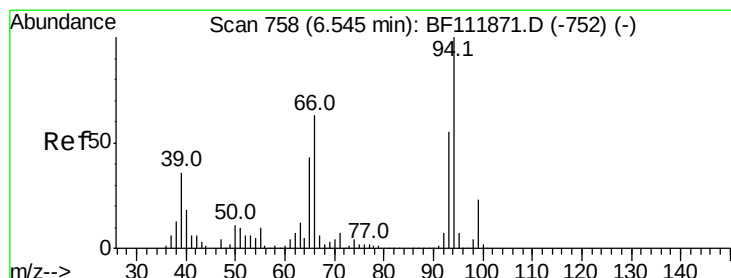
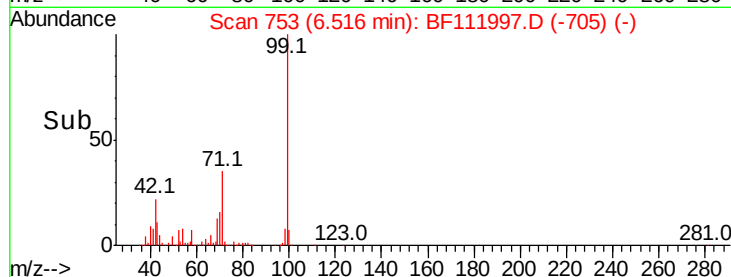
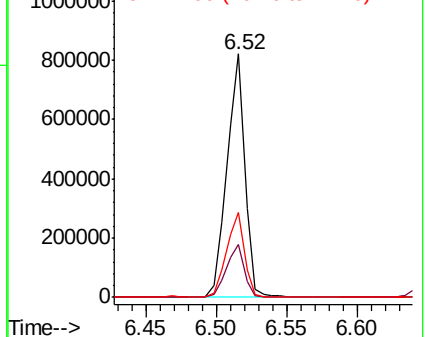
99 100

42 21.6 17.9 26.9

71 34.9 28.7 43.1



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



#10

Phenol

Concen: 3.495 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

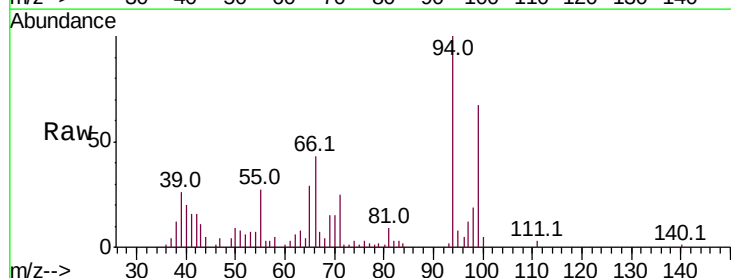
Tgt Ion: 94 Resp: 28897

Ion Ratio Lower Upper

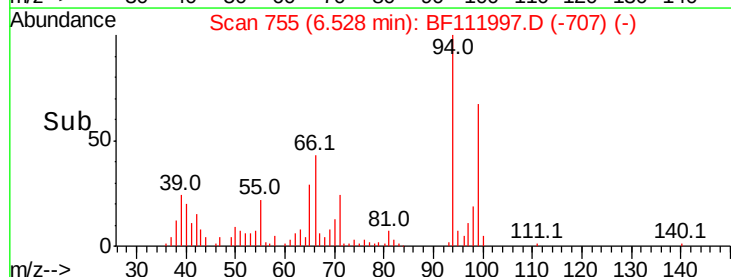
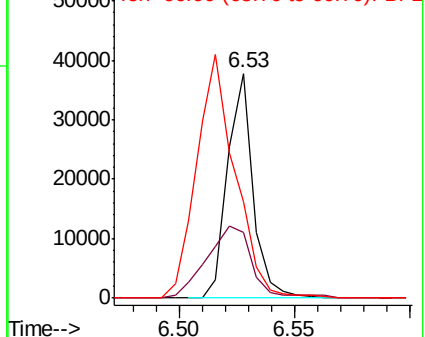
94 100

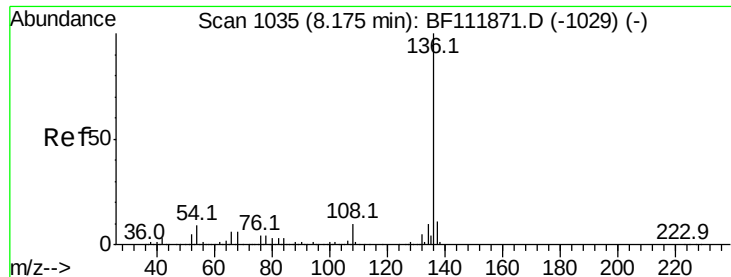
65 29.1 22.8 62.8

66 42.9 43.3 83.3#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

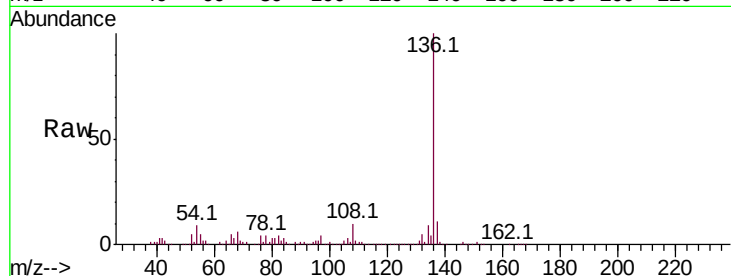




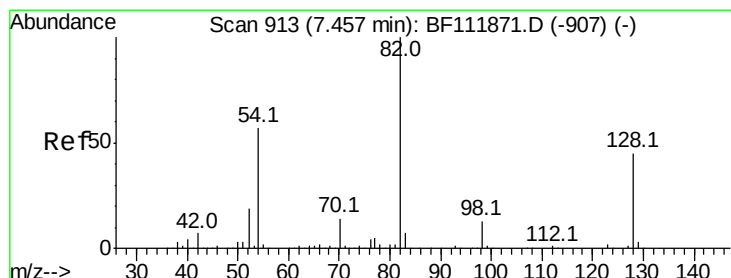
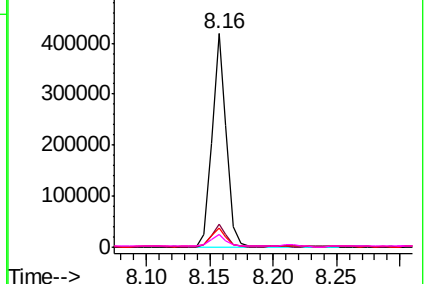
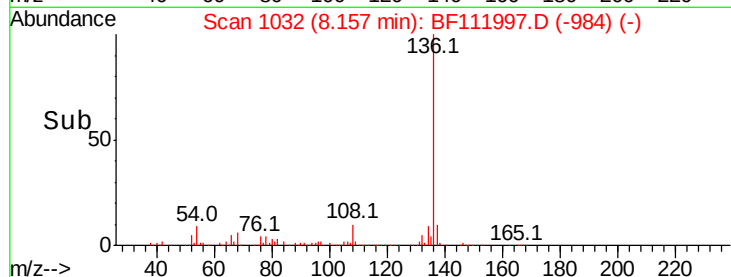
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	336799
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.1 13.7
54	9.1	7.2 10.8
68	5.9	4.4 6.6

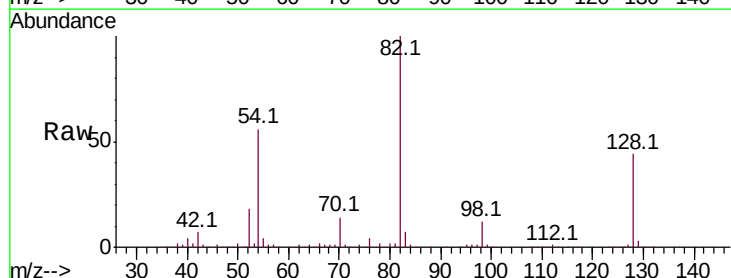


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

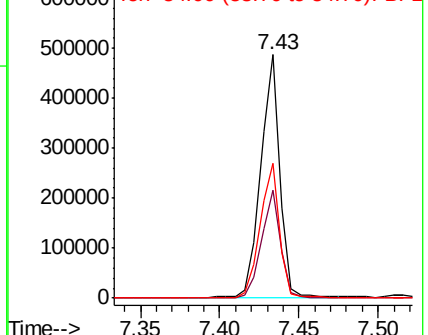
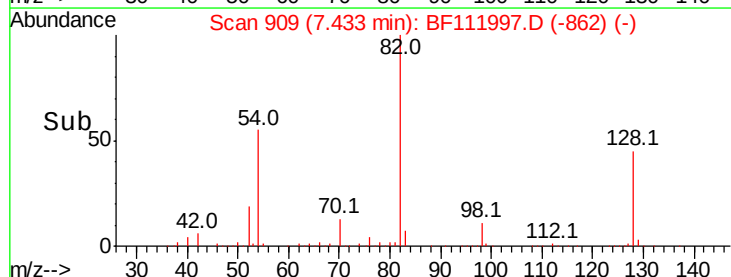


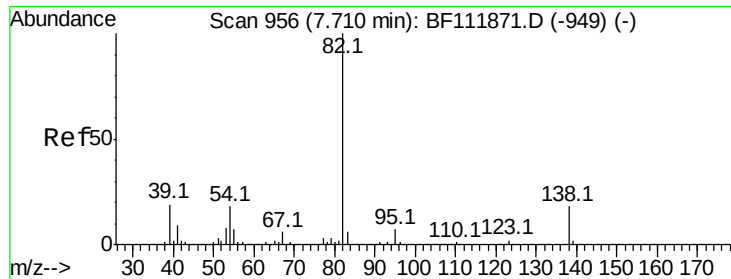
#23
Nitrobenzene-d5
Concen: 65.477 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Tgt Ion: 82	Resp:	412622
Ion	Ratio	Lower Upper
82	100	
128	44.4	35.7 53.5
54	55.6	45.8 68.8



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: 2.019 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.07 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

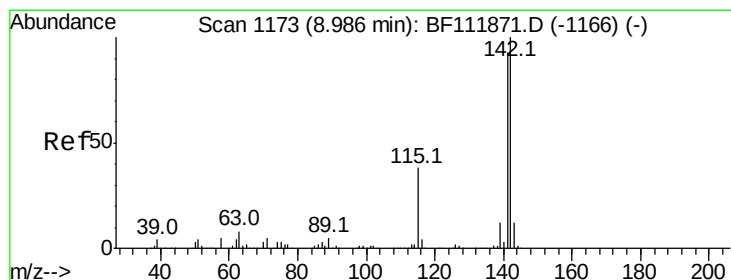
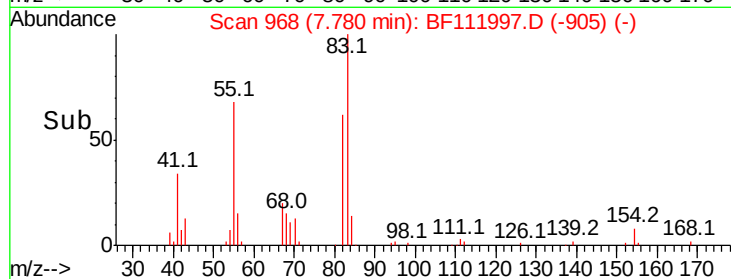
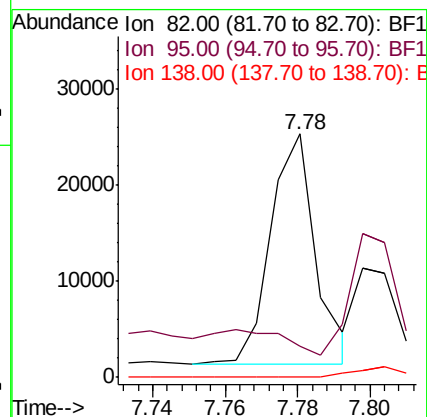
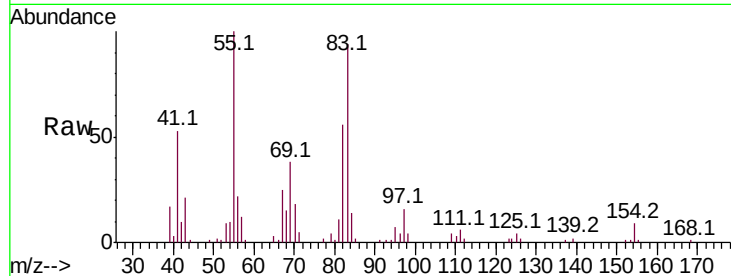
Tot Ion: 82 Resp: 20602

Ion Ratio Lower Upper

82 100

95 12.7 5.8 8.6#

138 0.0 14.4 21.6#



#38

1-Methylnaphthalene

Concen: 4.265 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

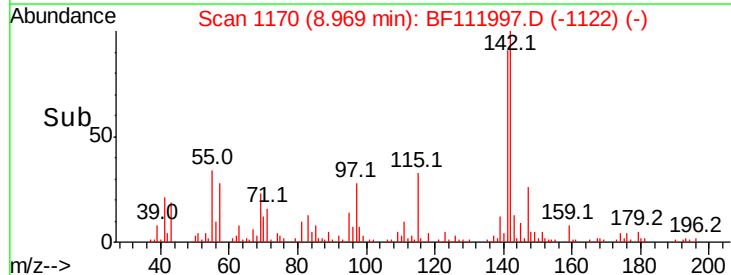
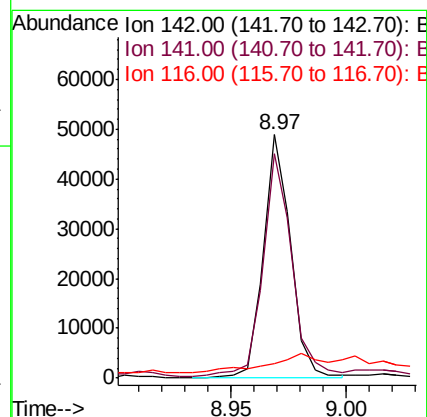
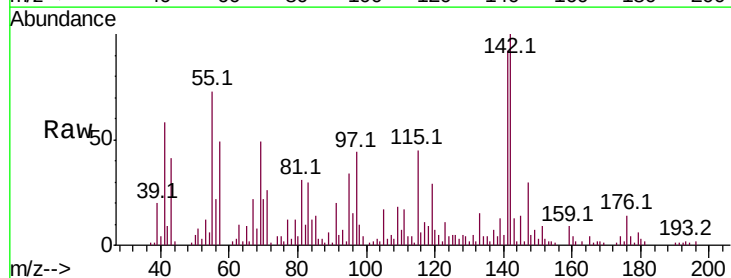
Tgt Ion: 142 Resp: 40525

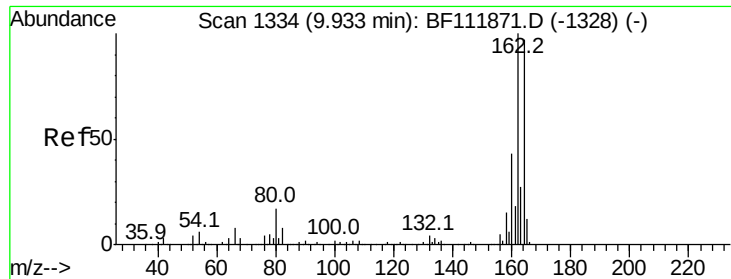
Ion Ratio Lower Upper

142 100

141 92.3 74.8 112.2

116 5.9 3.1 4.7#

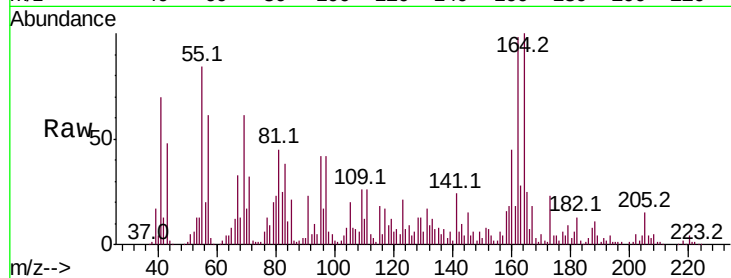




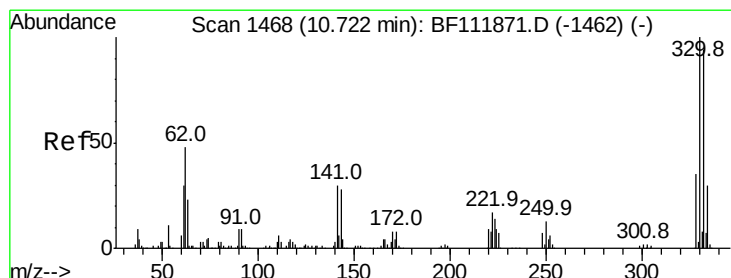
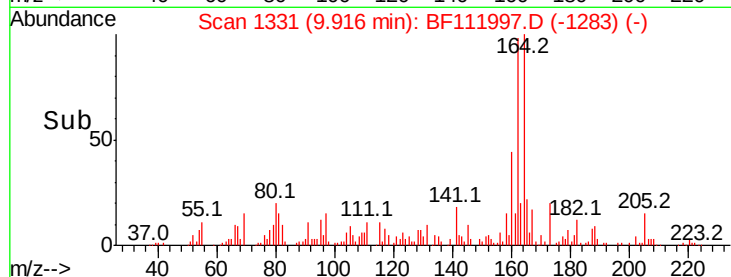
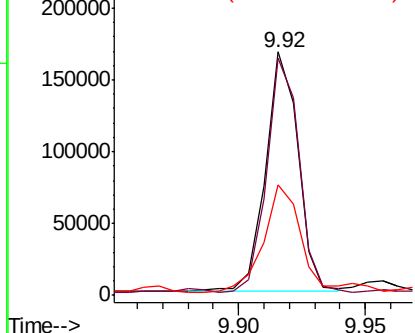
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 149085
Ion Ratio Lower Upper
164 100
162 97.5 82.2 123.2
160 45.4 35.5 53.3

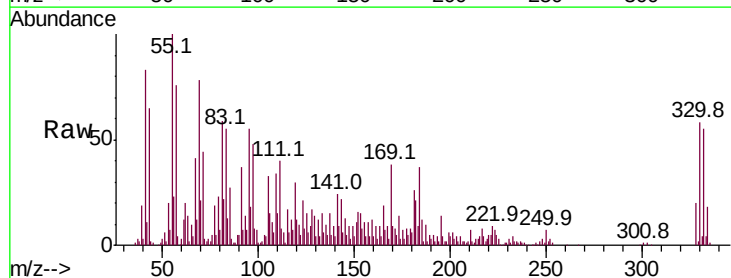


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

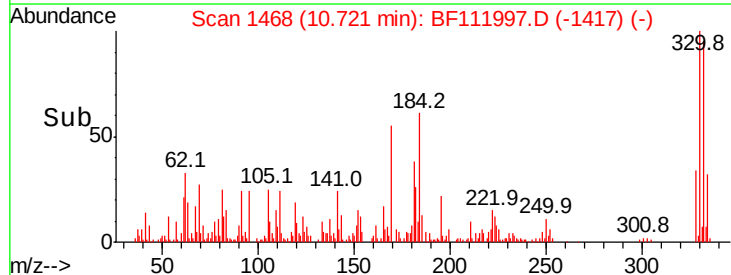
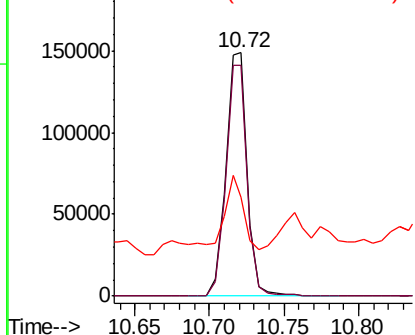


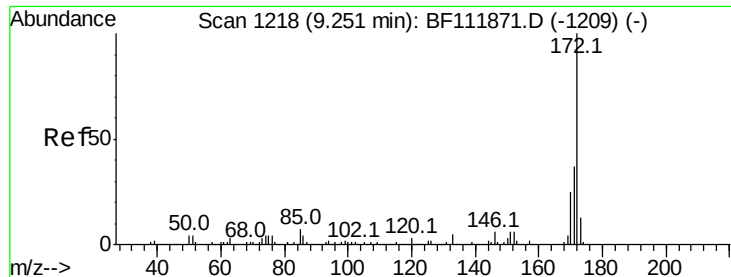
#42
2,4,6-Tribromophenol
Concen: 77.345 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Tgt Ion:330 Resp: 149983
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 25.6 23.7 35.5



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: 66.599 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

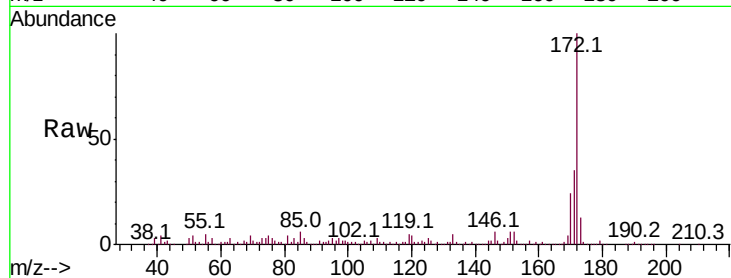
Tot Ion:172 Resp: 680902

Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

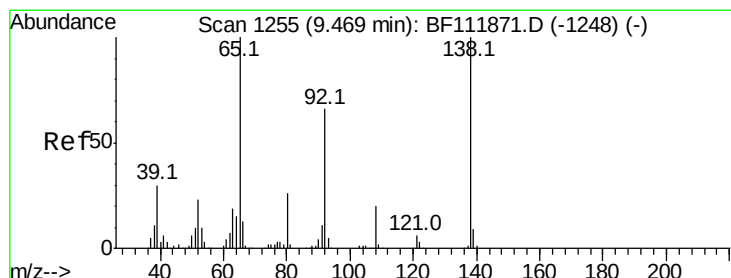
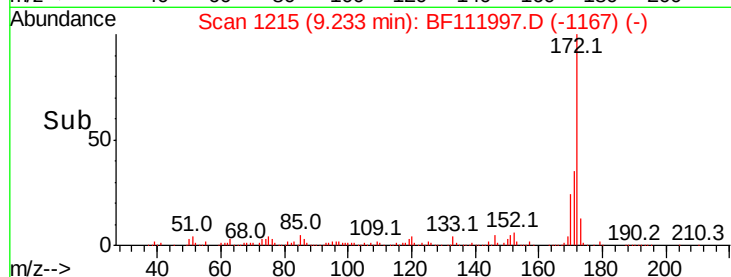
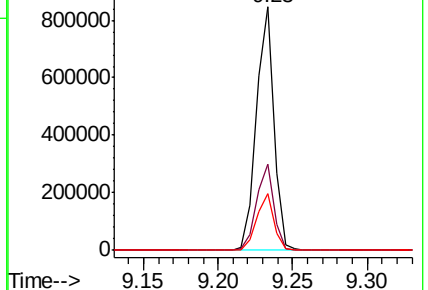
170 23.5 19.8 29.8



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



#48

2-Nitroaniline

Concen: 2.132 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

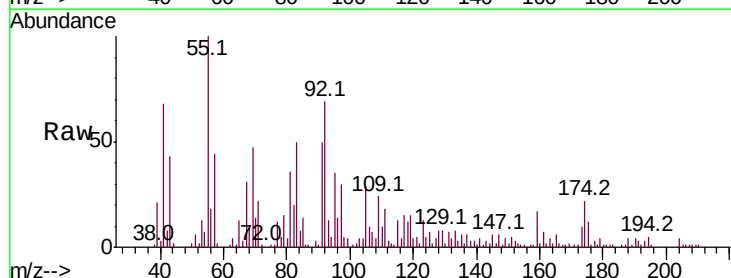
Tgt Ion: 65 Resp: 6379

Ion Ratio Lower Upper

65 100

92 536.4 52.5 78.7#

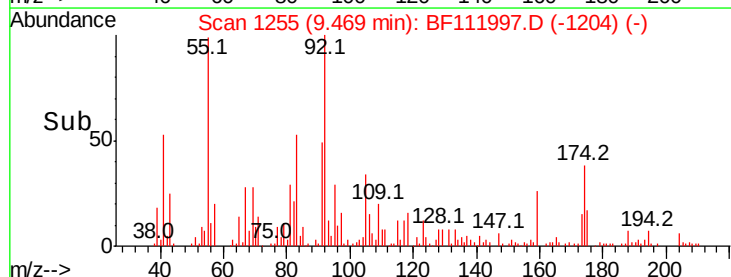
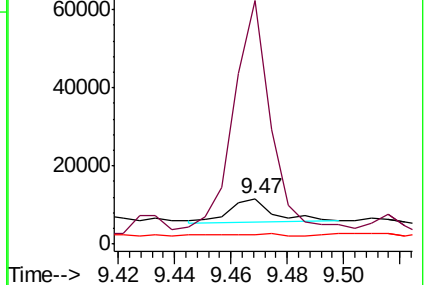
138 19.7 79.8 119.6#

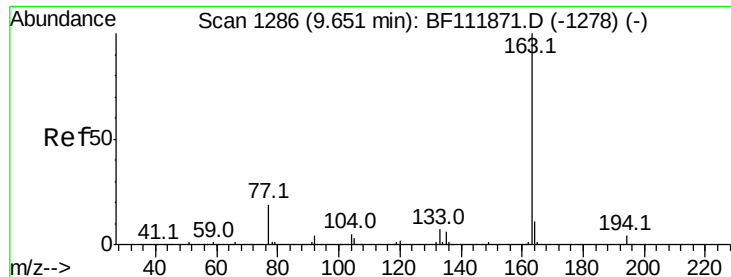


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

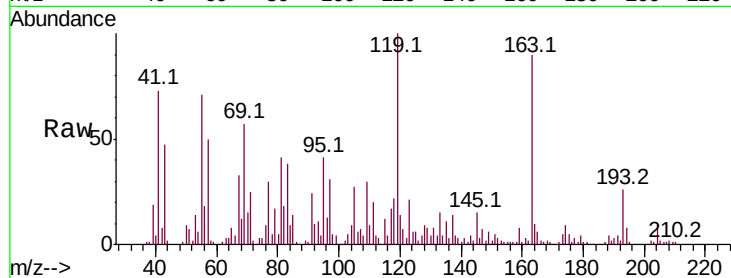




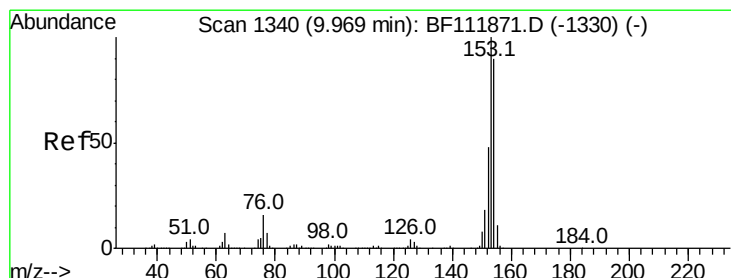
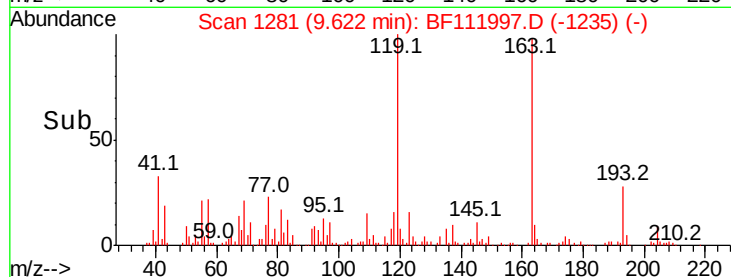
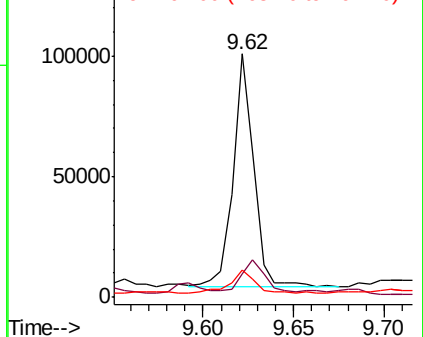
#50
Dimethylphthalate
Concen: 6.755 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 75651
Ion Ratio Lower Upper
163 100
194 9.4 3.4 5.2#
164 11.1 8.5 12.7

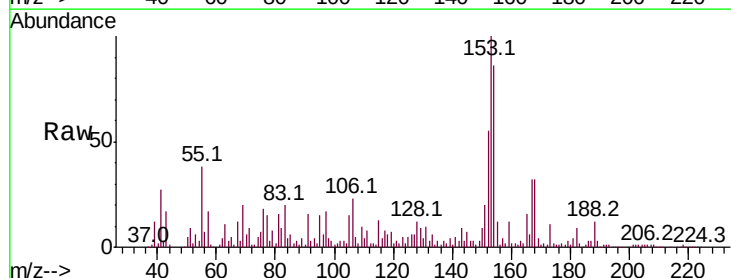


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

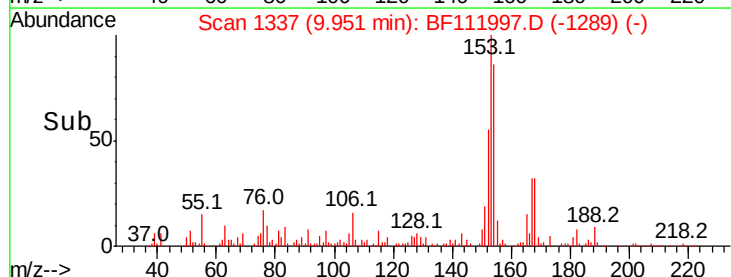
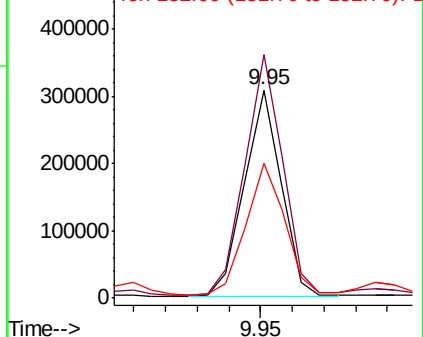


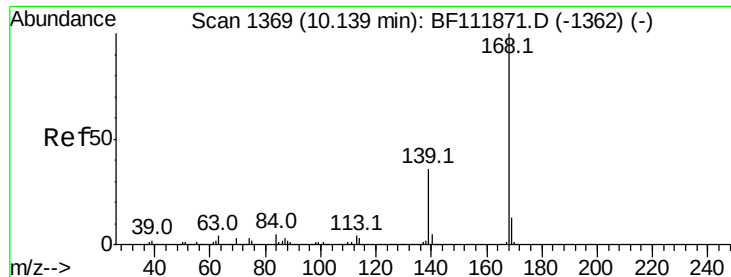
#52
Acenaphthene
Concen: 26.635 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Tgt Ion:154 Resp: 248460
Ion Ratio Lower Upper
154 100
153 116.9 89.4 134.0
152 64.7 43.1 64.7#



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: 2.685 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.02 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

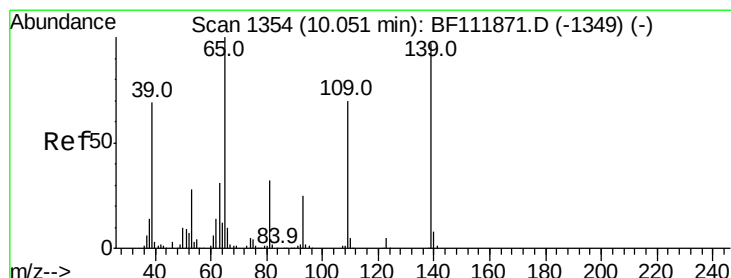
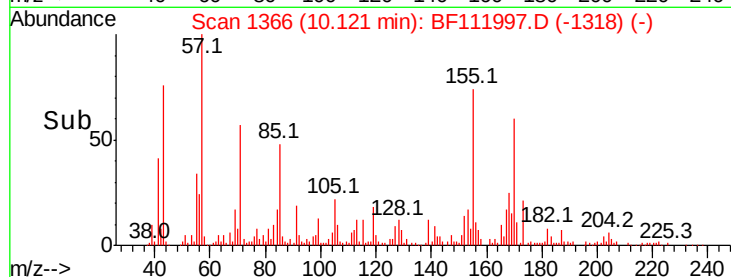
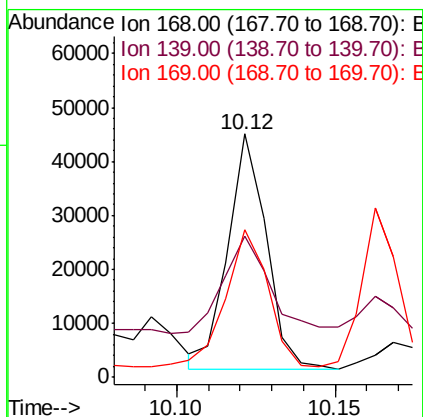
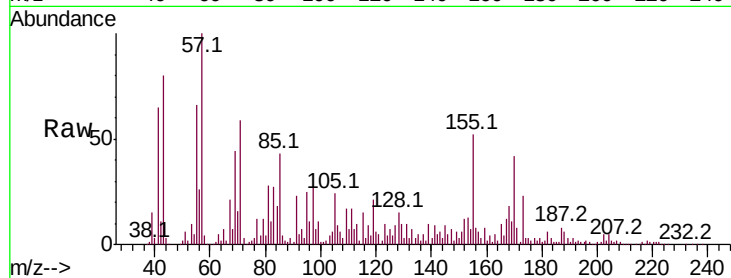
Tot Ion:168 Resp: 36423

Ion Ratio Lower Upper

168 100

139 58.2 29.3 43.9#

169 60.8 10.6 16.0#



#56

4-Nitrophenol

Concen: 5.595 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.03 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

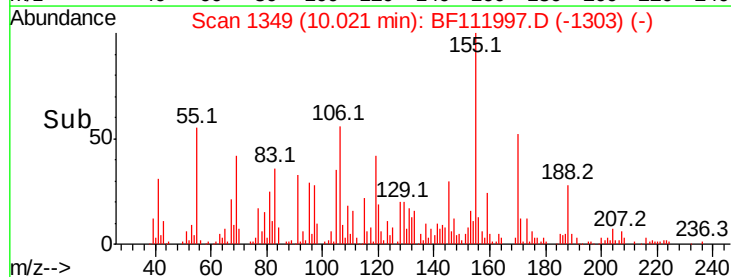
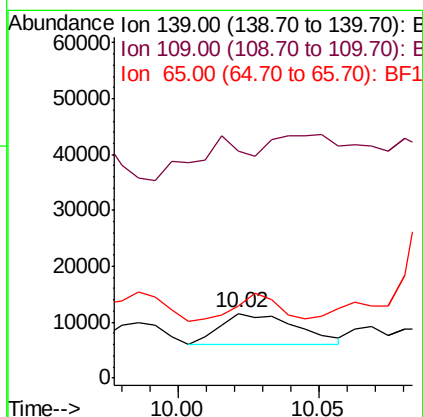
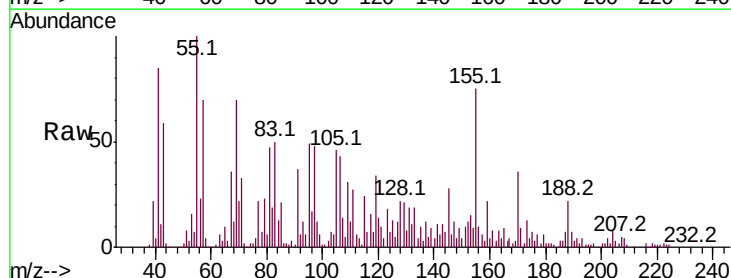
Tgt Ion:139 Resp: 10603

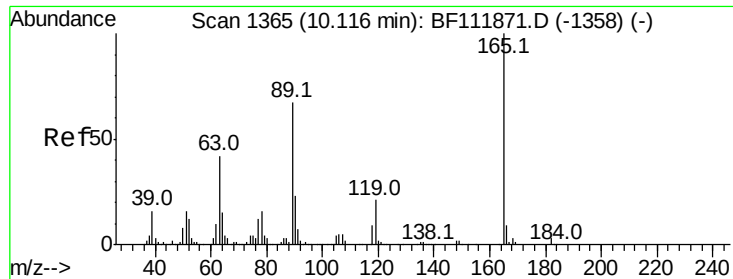
Ion Ratio Lower Upper

139 100

109 351.8 52.2 92.2#

65 112.1 83.1 123.1

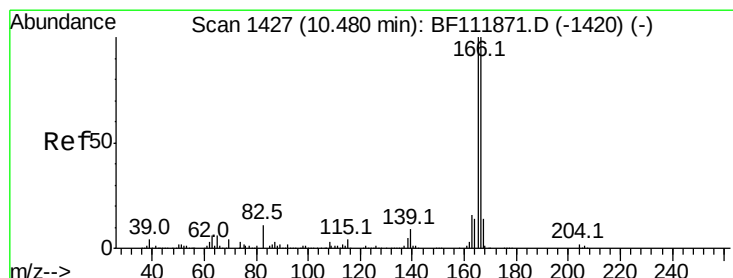
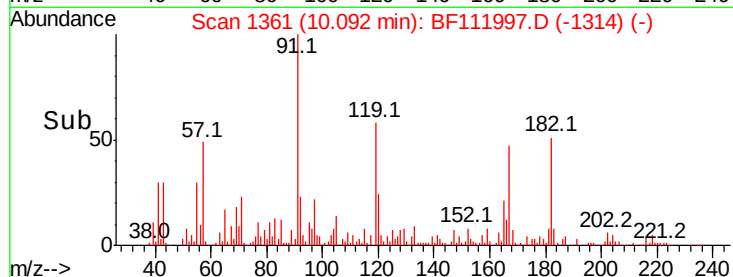
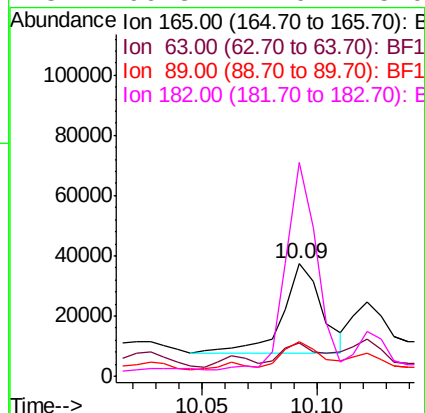
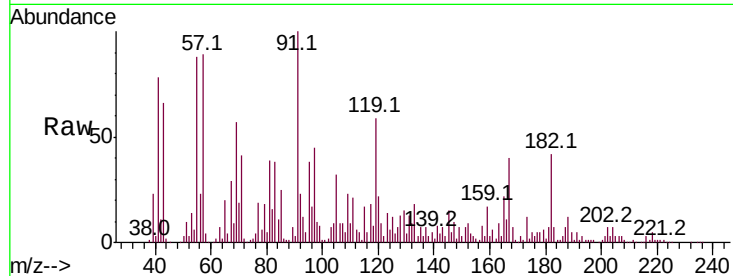




#57
 2,4-Dinitrotoluene
 Concen: 10.906 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: BF111997.D
 Acq: 10 Jan 2019 19:43

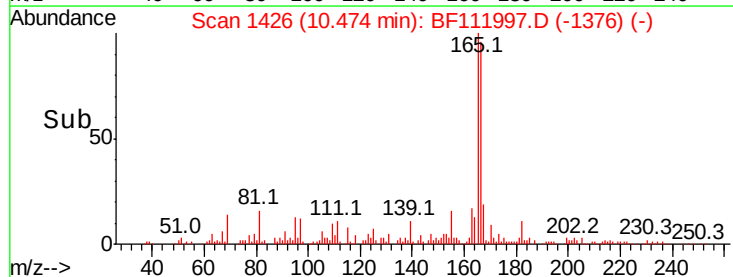
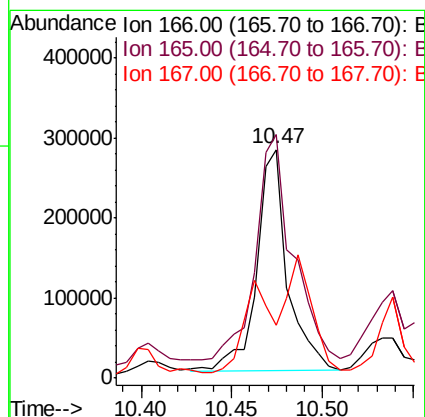
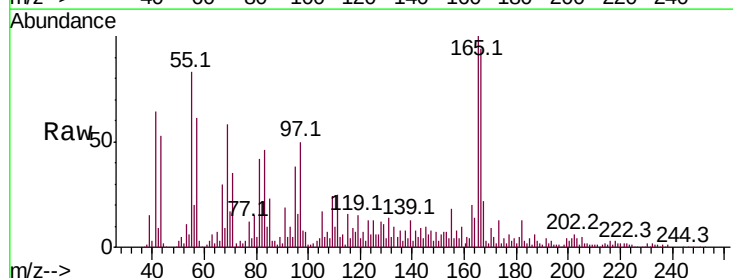
Instrument :
 BNA_F
 ClientSampleId :

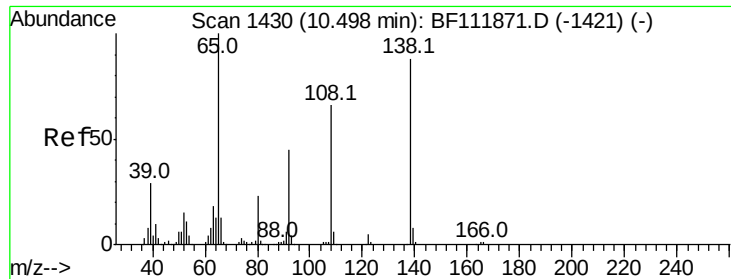
Tot Ion:165 Resp: 35293
 Ion Ratio Lower Upper
 165 100
 63 30.2 34.1 51.1#
 89 30.6 53.5 80.3#
 182 190.3 2.0 3.0#



#58
 Fluorene
 Concen: 33.163 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF111997.D
 Acq: 10 Jan 2019 19:43

Tgt Ion:166 Resp: 327373
 Ion Ratio Lower Upper
 166 100
 165 106.6 79.7 119.5
 167 23.1 11.1 16.7#





#62

4-Nitroaniline

Concen: 3.519 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.03 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampled :

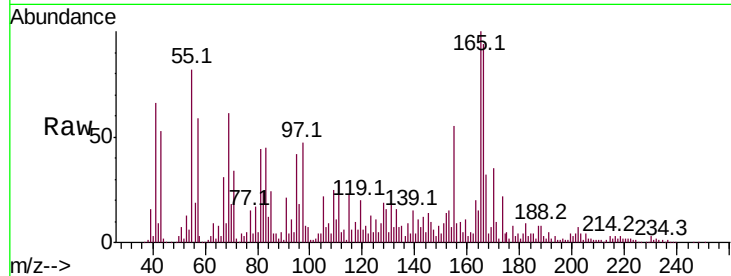
Tot Ion:138 Resp: 8952

Ion Ratio Lower Upper

138 100

92 105.9 31.0 71.0#

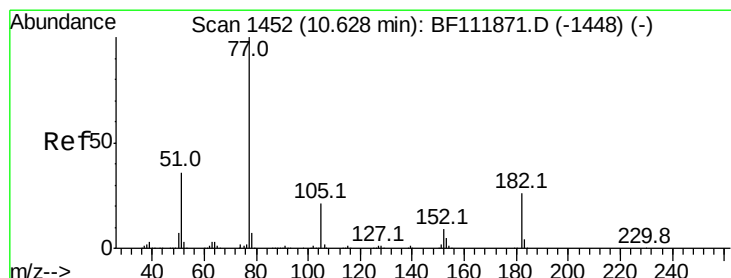
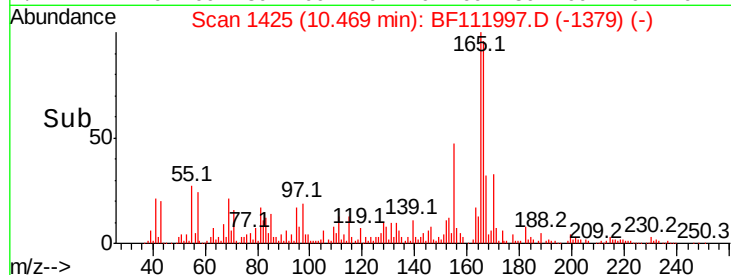
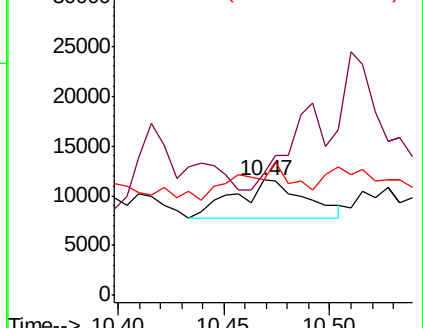
108 100.6 54.7 94.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 5.016 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Tgt Ion: 77 Resp: 51934

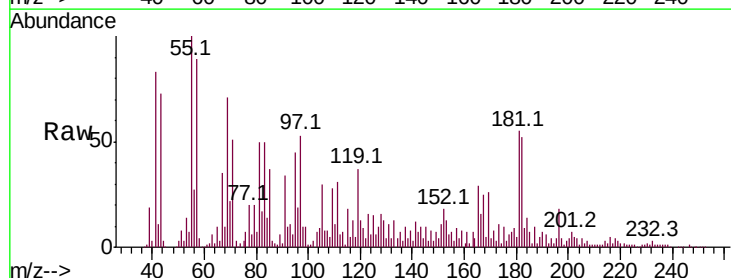
Ion Ratio Lower Upper

77 100

182 267.4 5.7 45.7#

105 150.9 0.8 40.8#

51 39.0 15.6 55.6

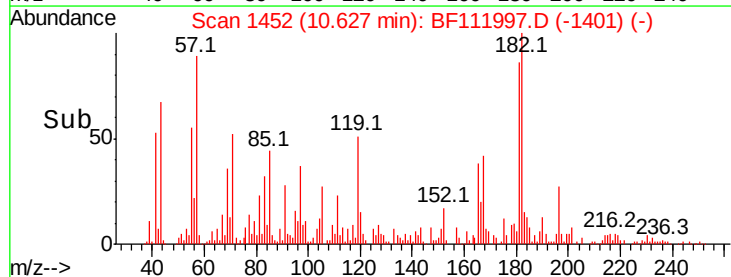
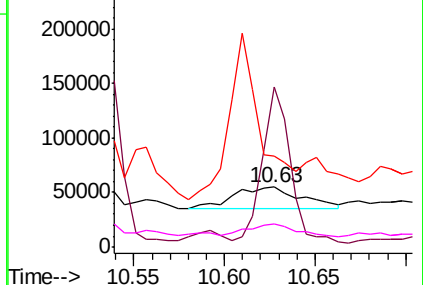


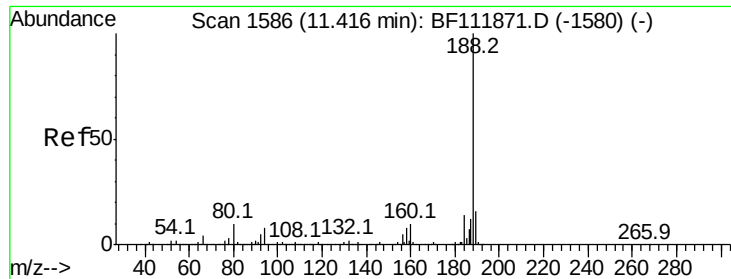
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

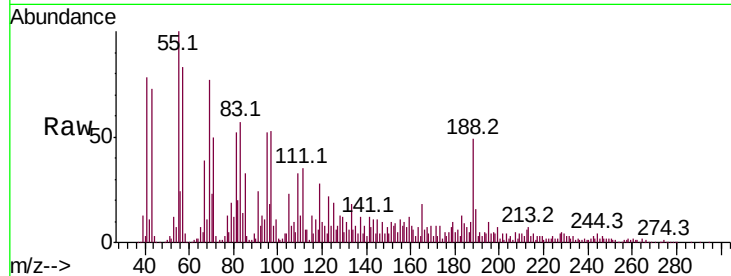
Tot Ion:188 Resp: 204197

Ion Ratio Lower Upper

188 100

94 23.4 6.6 10.0#

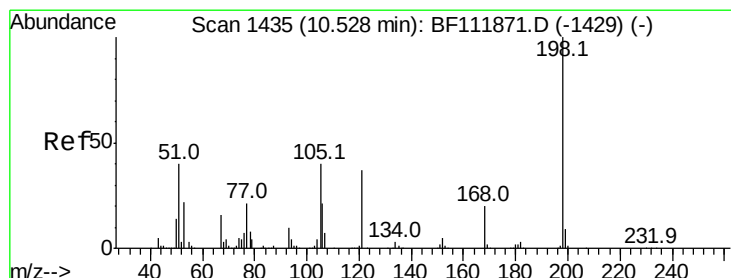
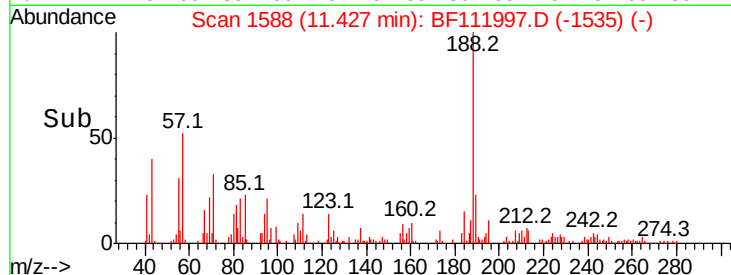
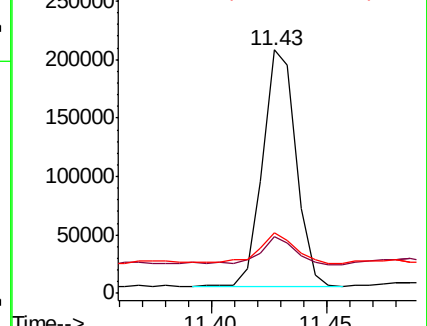
80 24.8 7.7 11.5#



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: 5.499 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

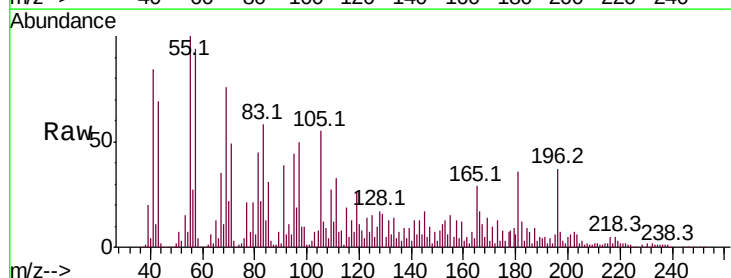
Tgt Ion:198 Resp: 6929

Ion Ratio Lower Upper

198 100

51 256.0 27.2 67.2#

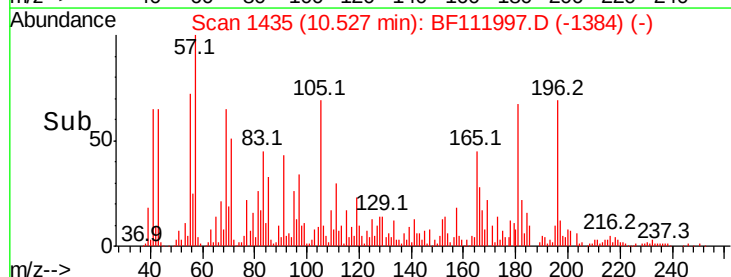
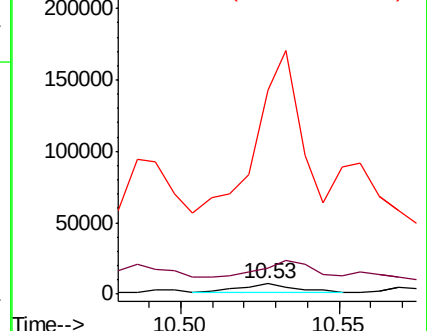
105 1981.4 21.0 61.0#

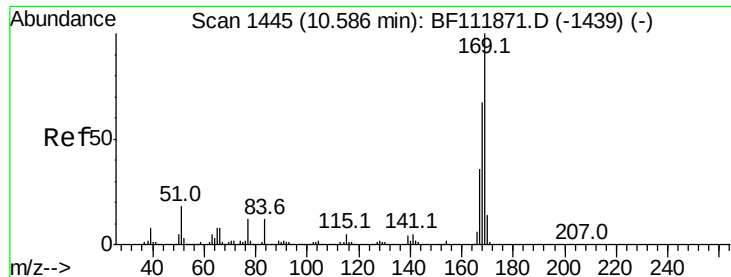


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 26.596 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

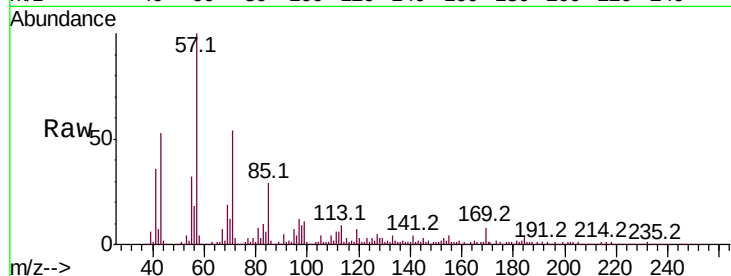
Tot Ion:169 Resp: 182244

Ion Ratio Lower Upper

169 100

168 17.2 53.8 80.6#

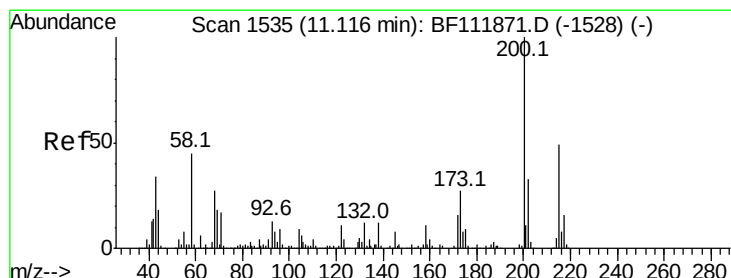
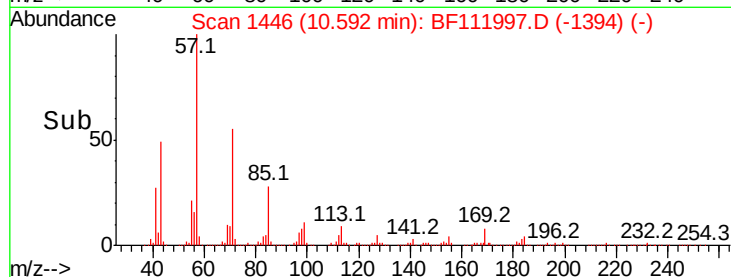
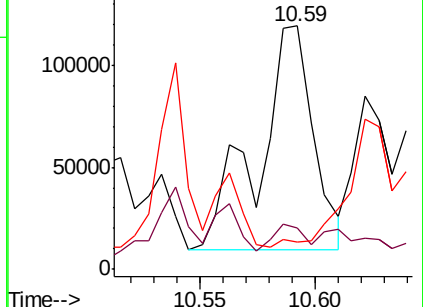
167 11.5 29.1 43.7#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Atrazine

Concen: 3.240 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

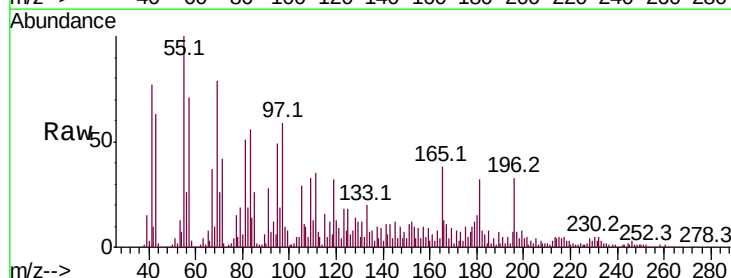
Tgt Ion:200 Resp: 7800

Ion Ratio Lower Upper

200 100

173 198.5 6.6 46.6#

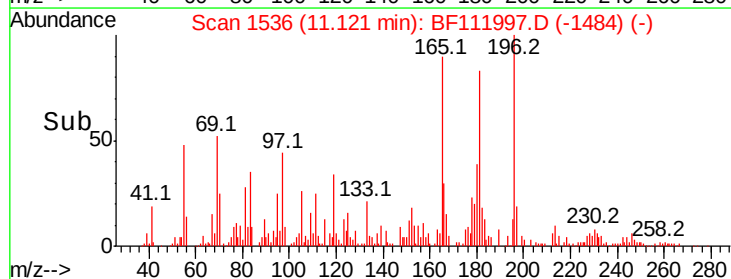
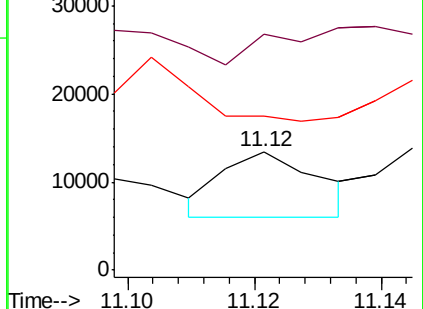
215 129.5 28.9 68.9#

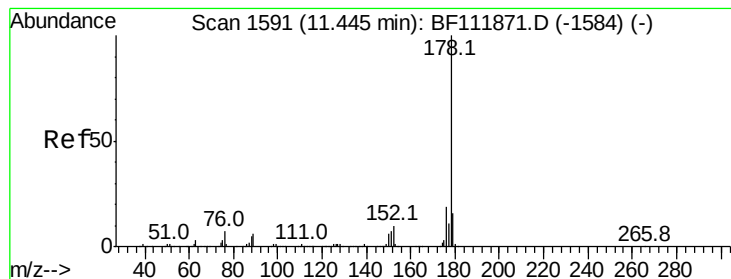


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#71

Phenanthrene

Concen: 40.128 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

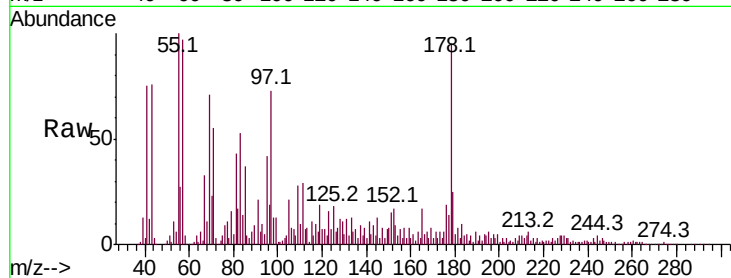
Tot Ion:178 Resp: 438097

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

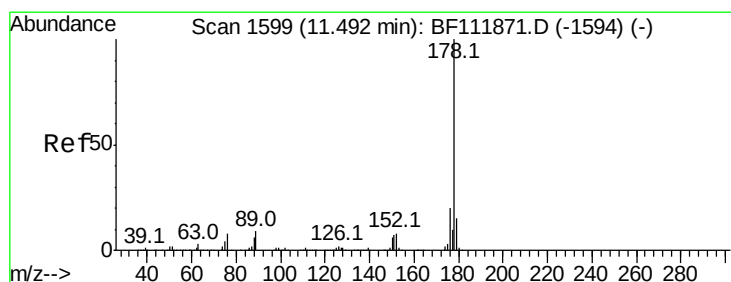
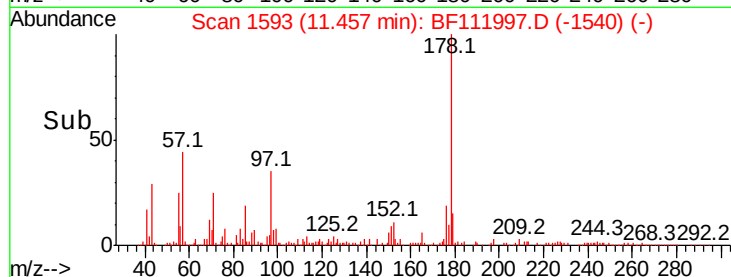
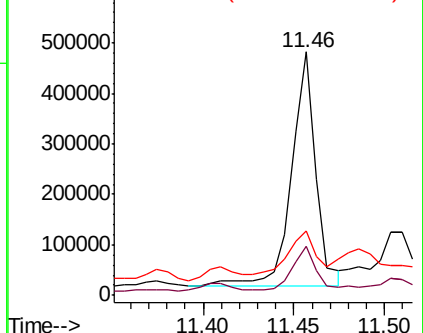
179 26.3 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 7.646 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

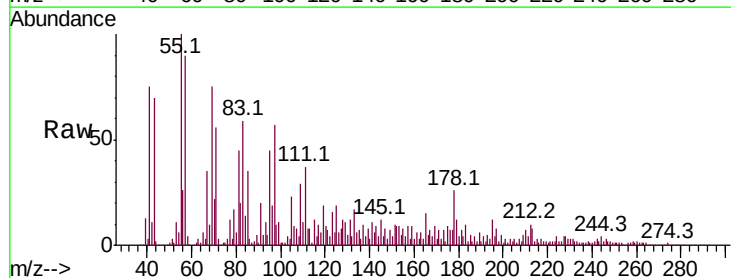
Tgt Ion:178 Resp: 84737

Ion Ratio Lower Upper

178 100

176 25.2 15.7 23.5#

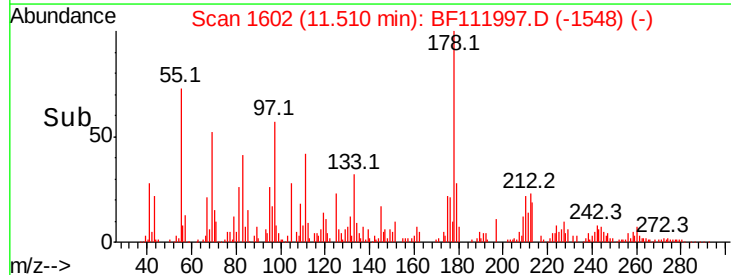
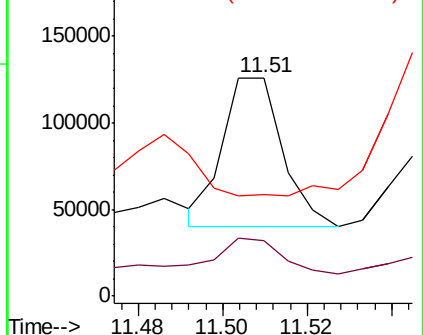
179 46.2 12.4 18.6#

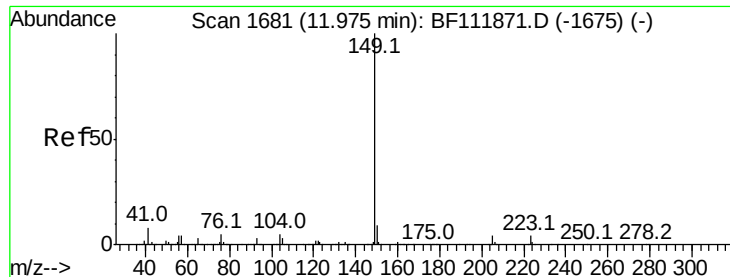


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 3.003 ng

RT: 11.99 min Scan# 1684

Delta R.T. 0.02 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

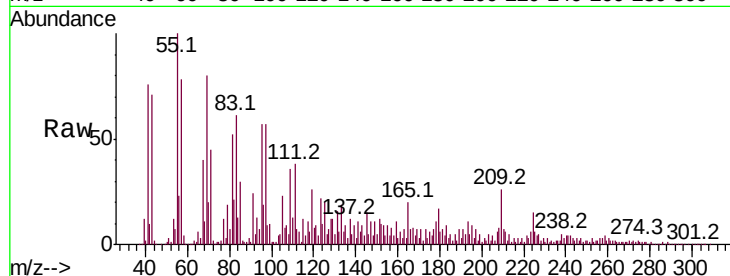
Tot Ion:149 Resp: 37609

Ion Ratio Lower Upper

149 100

150 43.9 7.5 11.3#

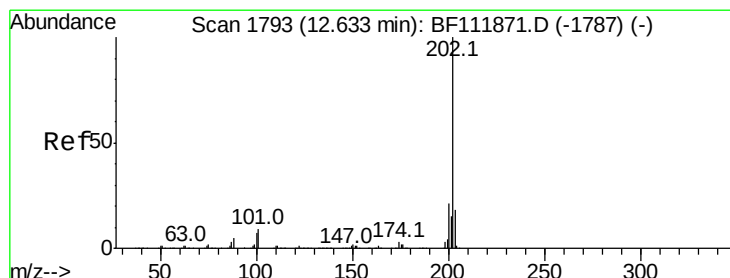
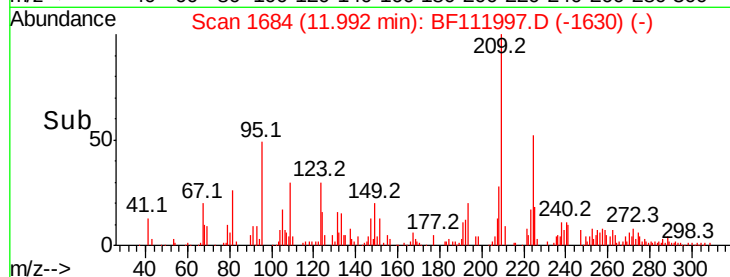
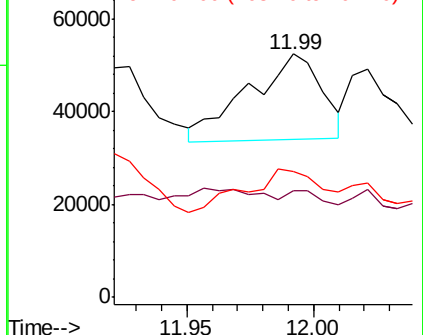
104 51.9 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 27.294 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.05 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

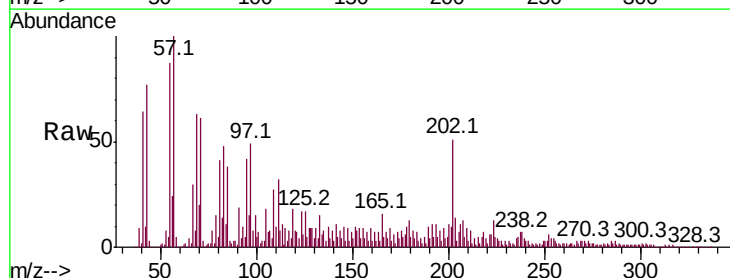
Tgt Ion:202 Resp: 305900

Ion Ratio Lower Upper

202 100

101 12.8 0.0 29.3

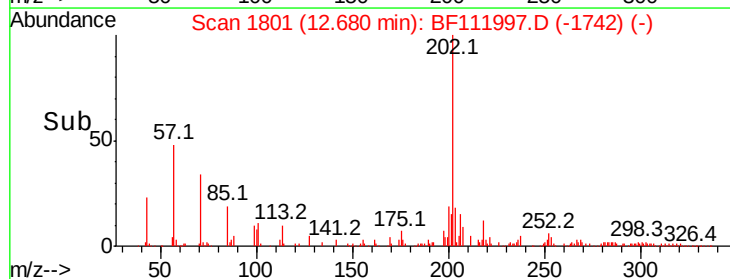
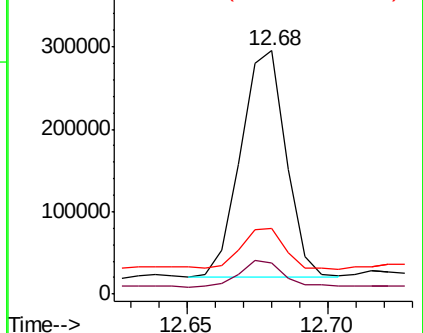
203 26.9 0.0 37.6

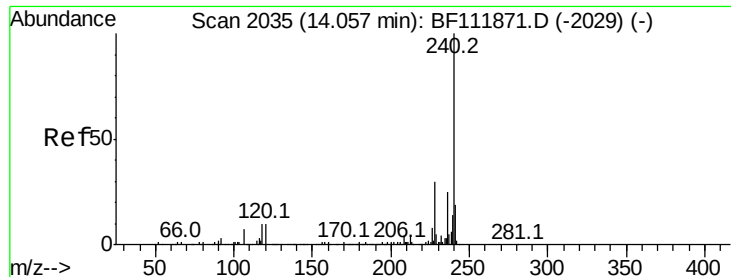


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

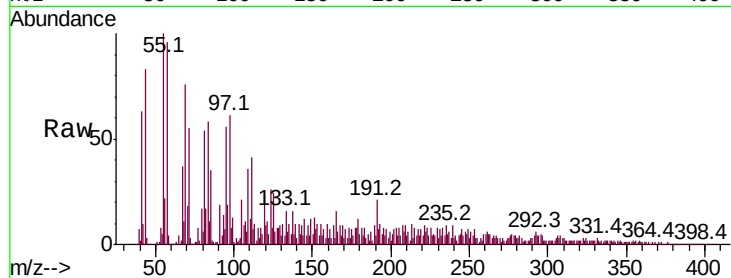
Tot Ion:240 Resp: 8276

Ion Ratio Lower Upper

240 100

120 296.7 8.2 12.2#

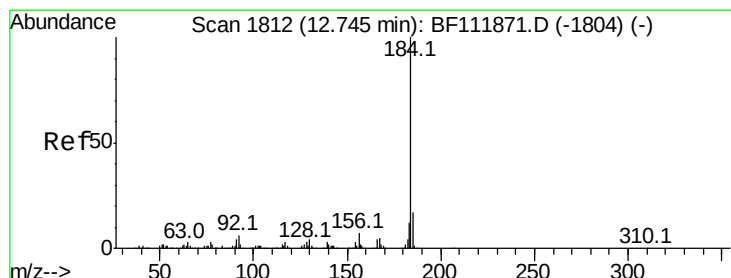
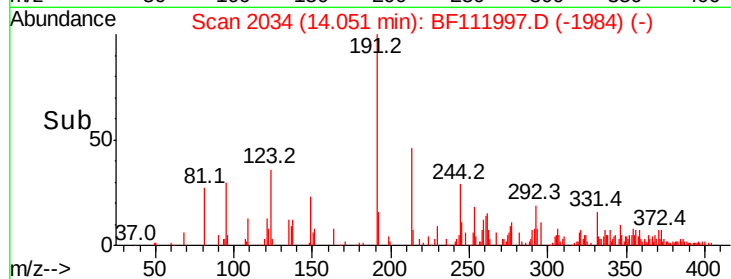
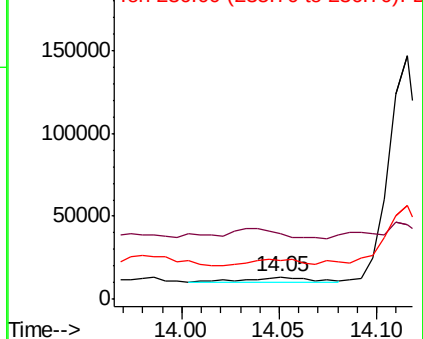
236 172.2 20.2 30.4#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 59.537 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.02 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

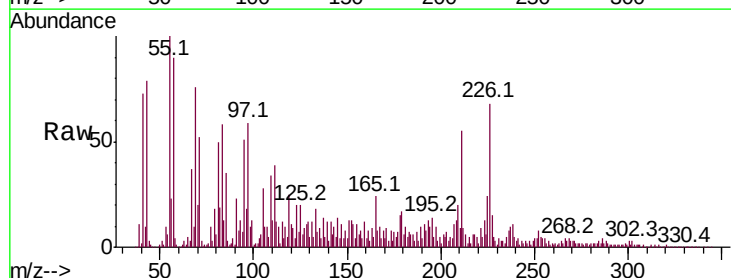
Tgt Ion:184 Resp: 14723

Ion Ratio Lower Upper

184 100

185 100.9 13.4 20.0#

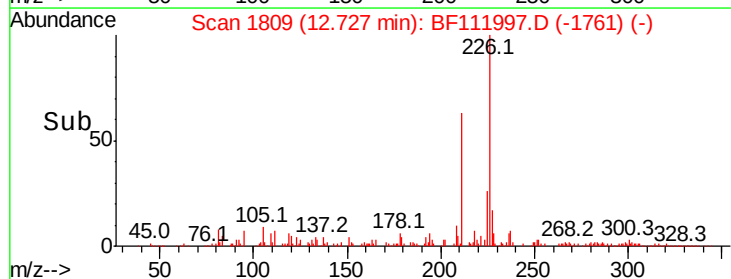
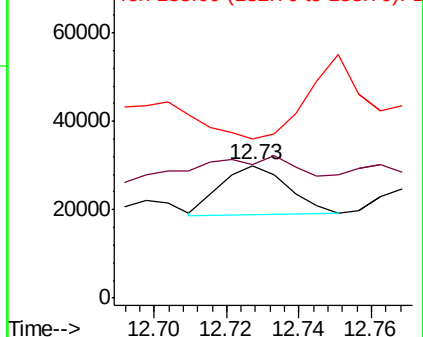
183 120.1 9.6 14.4#

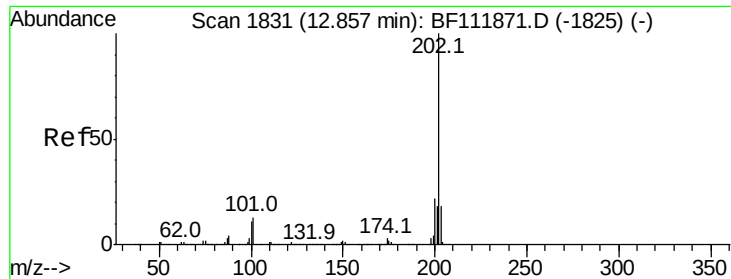


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 46.930 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

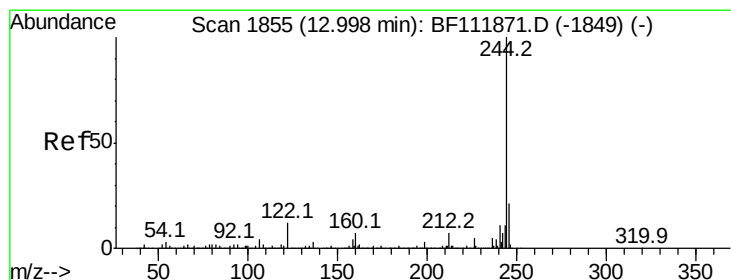
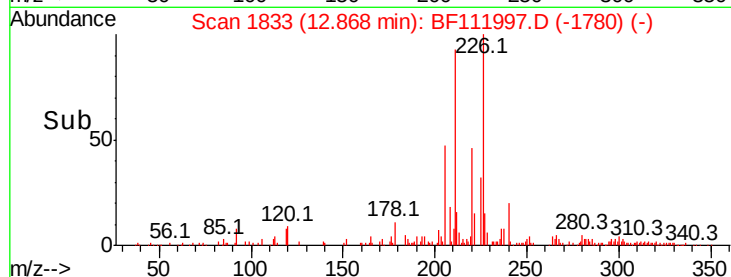
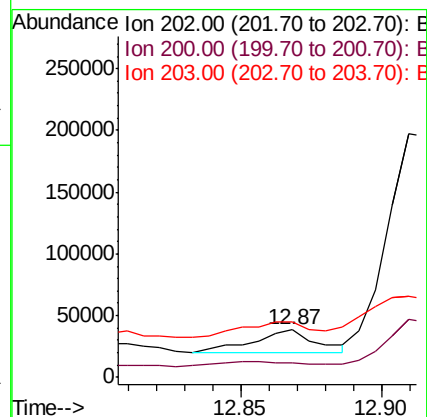
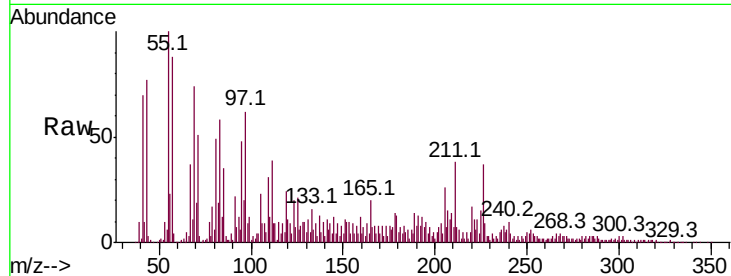
Tot Ion:202 Resp: 26724

Ion Ratio Lower Upper

202 100

200 31.2 17.4 26.2#

203 116.1 14.6 21.8#



#79

Terphenyl-d14

Concen: 1144.325 ng

RT: 13.04 min Scan# 1863

Delta R.T. 0.05 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

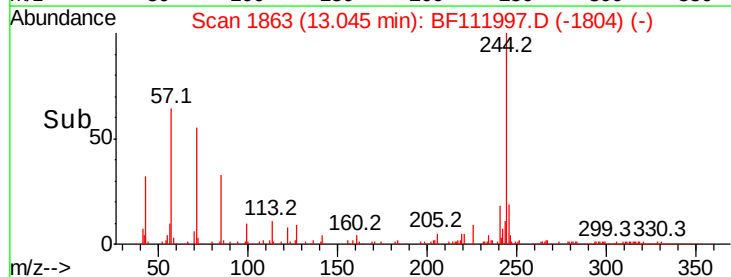
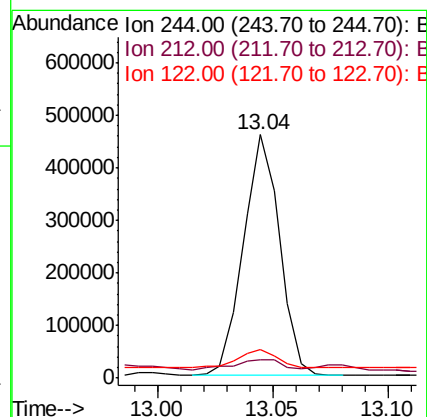
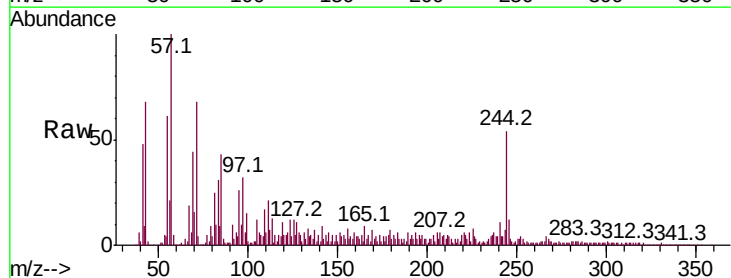
Tgt Ion:244 Resp: 498911

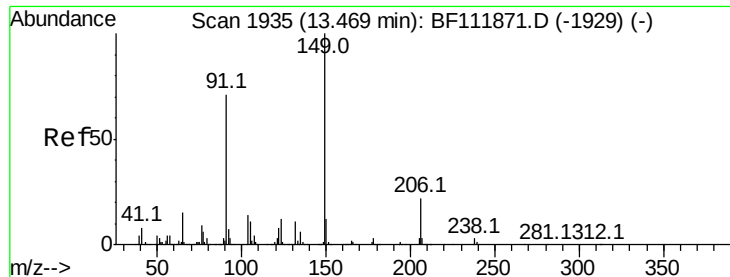
Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 11.7 9.5 14.3

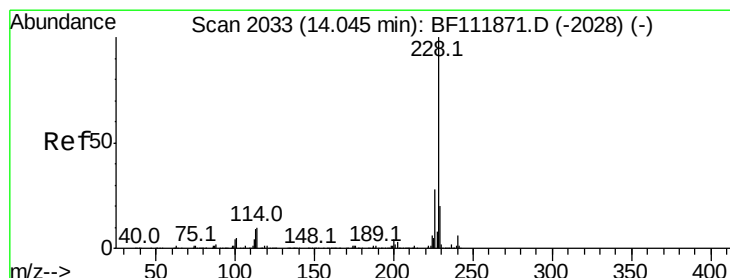
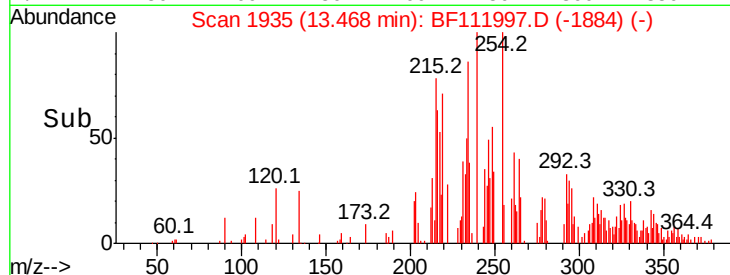
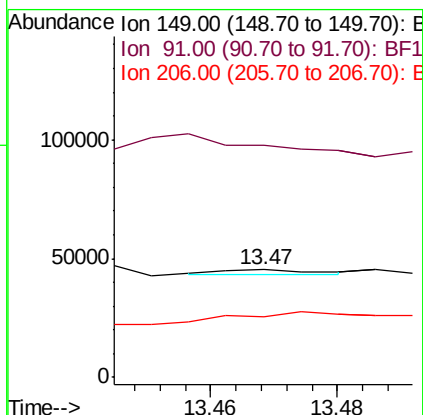
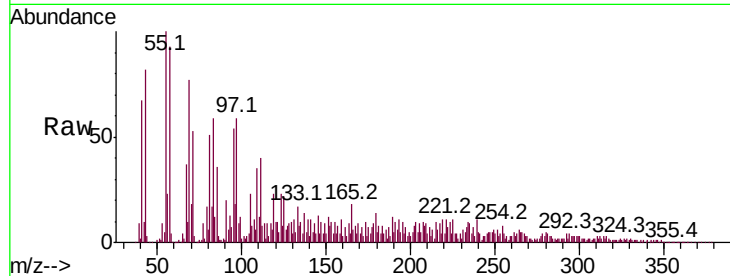




#80
Butylbenzylphthalate
Concen: 8.366 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

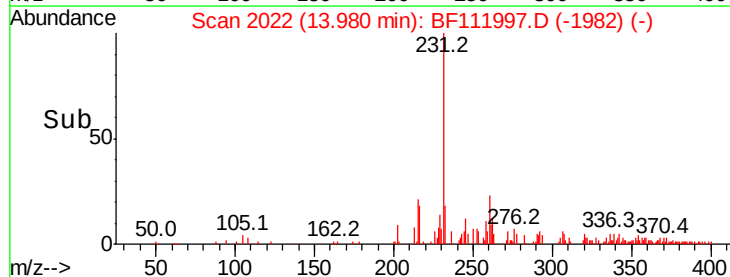
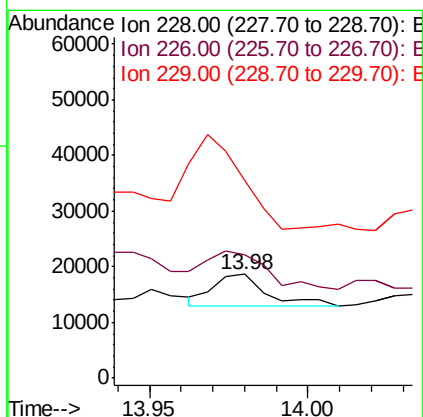
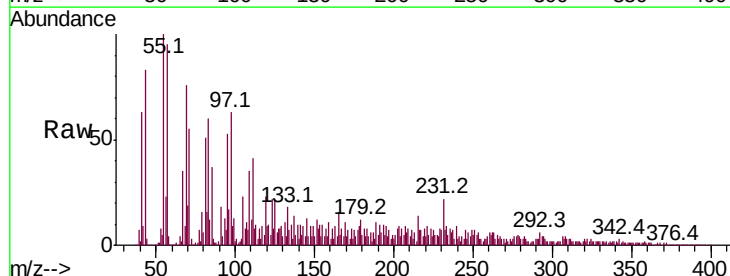
Instrument :
BNA_F
ClientSampled :

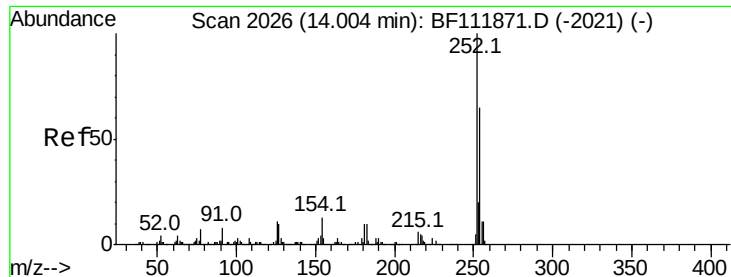
Tot Ion	Ratio	Lower	Upper
149	100		
91	215.2	57.2	85.8#
206	56.8	17.3	25.9#



#81
Benzo(a)anthracene
Concen: 14.157 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.06 min
Lab File: BF111997.D
Acq: 10 Jan 2019 19:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	119.1	22.2	33.2#
229	189.8	16.2	24.2#

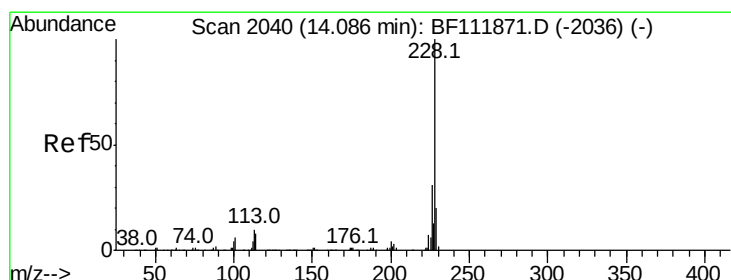
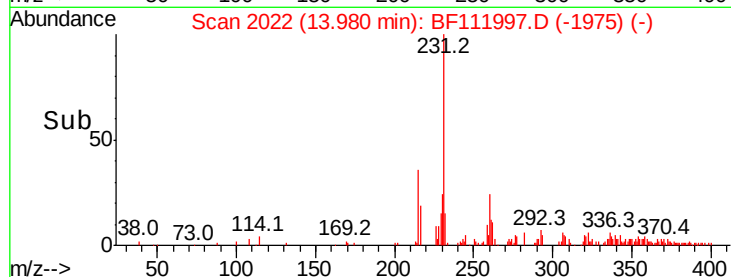
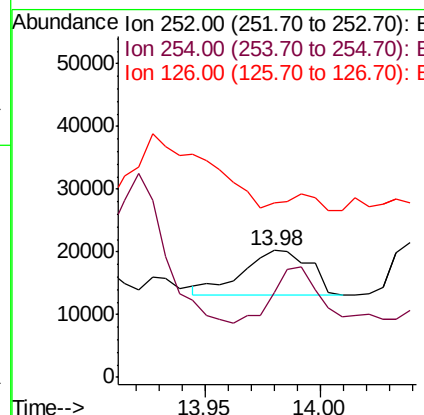
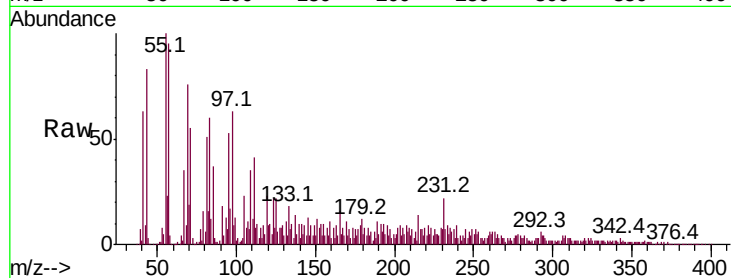




#82
 3,3'-Dichlorobenzidine
 Concen: 83.053 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF111997.D
 Acq: 10 Jan 2019 19:43

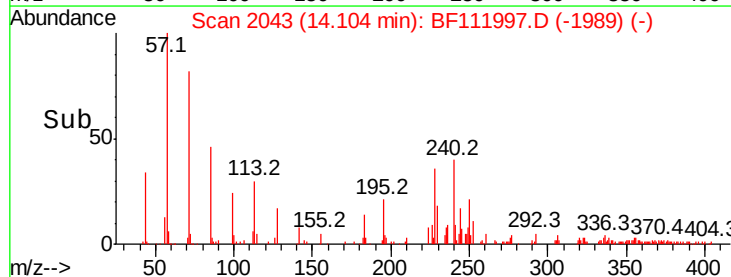
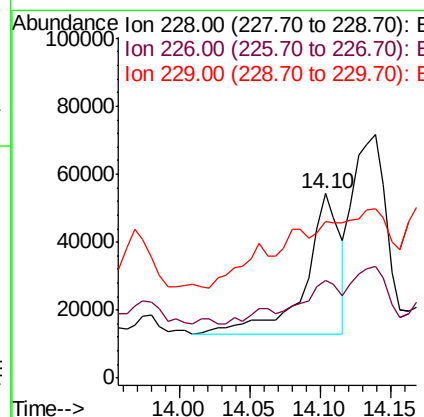
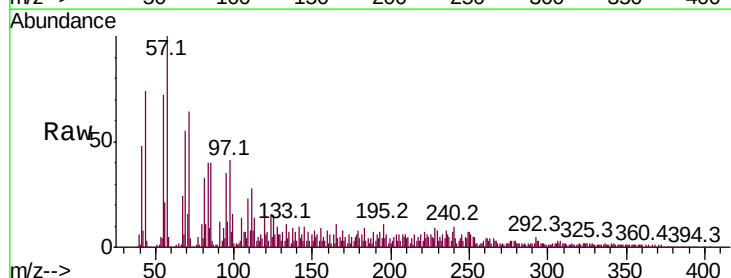
Instrument :
 BNA_F
 ClientSampled :

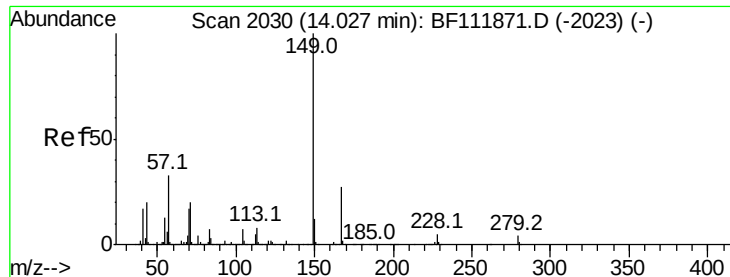
Tot Ion:252 Resp: 14604
 Ion Ratio Lower Upper
 252 100
 254 66.7 52.1 78.1
 126 137.8 8.6 12.8#



#83
 Chrysene
 Concen: 157.100 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.02 min
 Lab File: BF111997.D
 Acq: 10 Jan 2019 19:43

Tgt Ion:228 Resp: 71345
 Ion Ratio Lower Upper
 228 100
 226 53.3 24.6 37.0#
 229 84.9 15.7 23.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 16.783 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

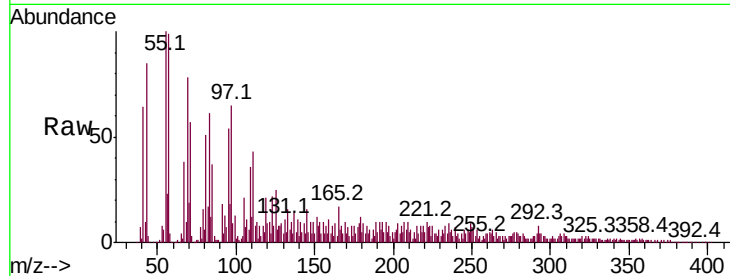
Tot Ion:149 Resp: 5306

Ion Ratio Lower Upper

149 100

167 81.0 21.5 32.3#

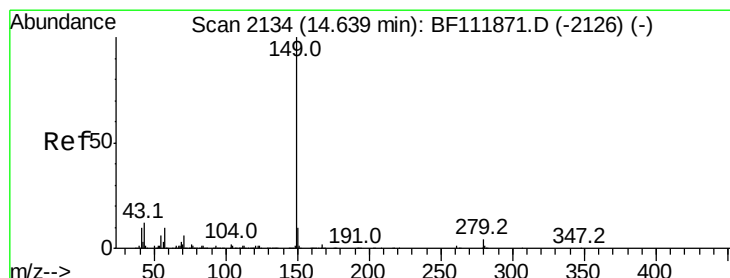
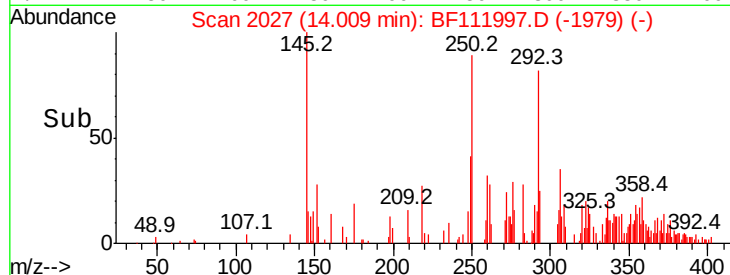
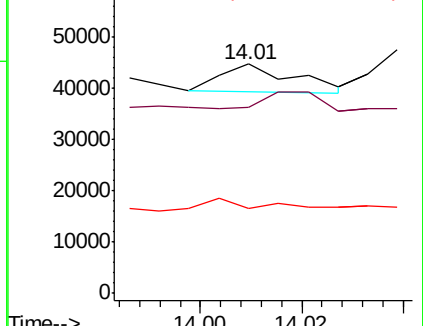
279 37.0 3.0 4.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 120.567 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

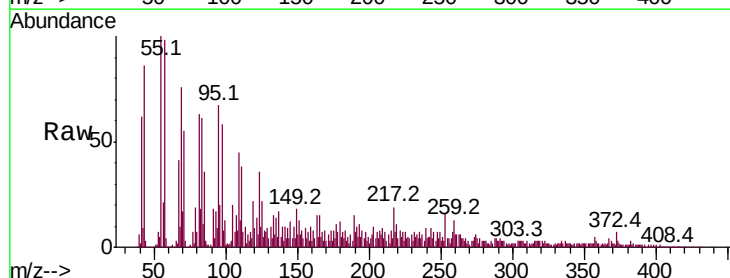
Tgt Ion:149 Resp: 54551

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

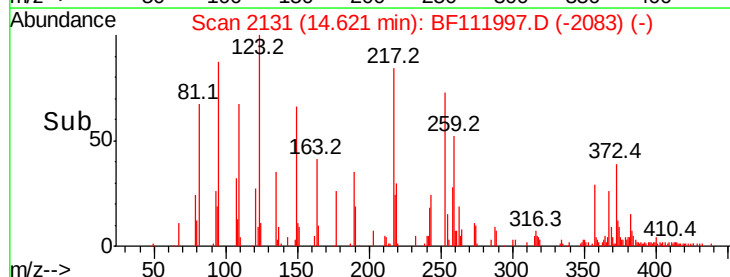
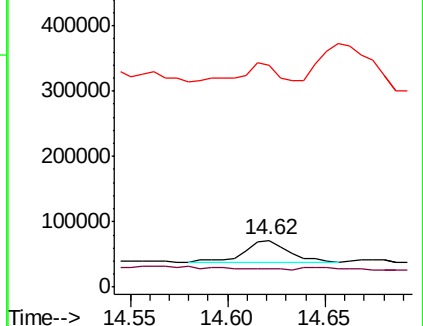
43 40.8 9.1 13.7#

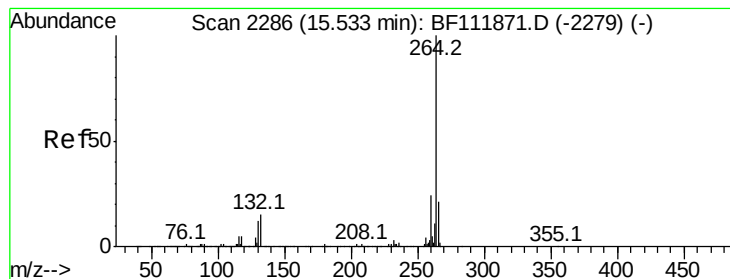


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.07 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

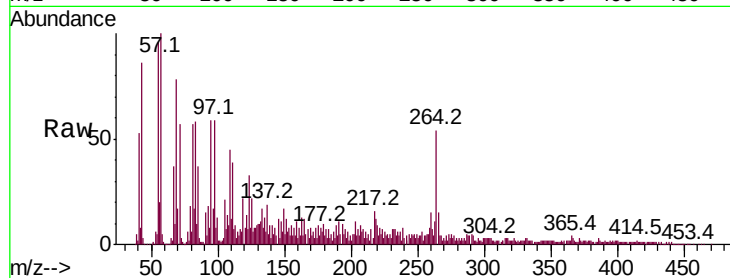
Tot Ion:264 Resp: 142077

Ion Ratio Lower Upper

264 100

260 27.6 19.2 28.8

265 27.6 17.1 25.7#

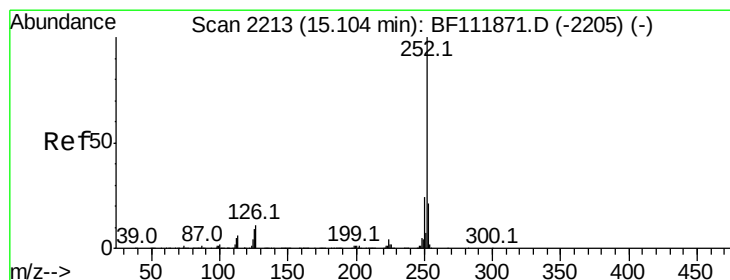
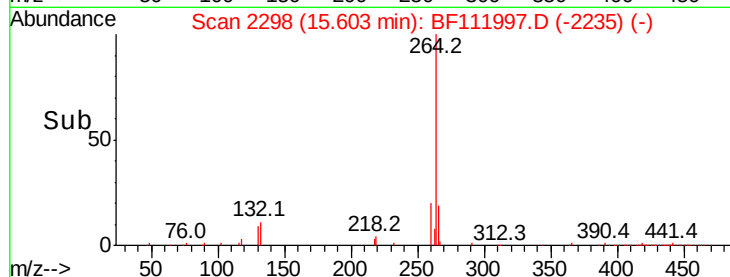
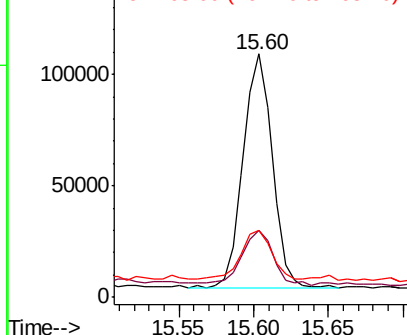


Abundance

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: 4.178 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.06 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

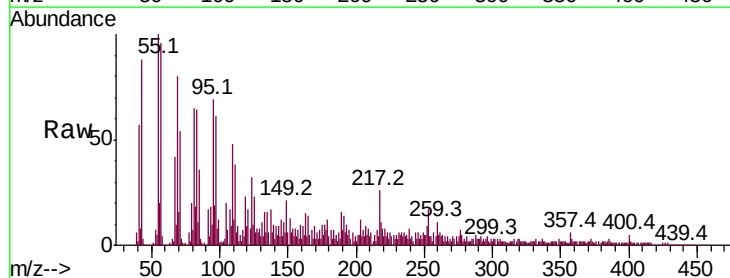
Tgt Ion:252 Resp: 35507

Ion Ratio Lower Upper

252 100

253 179.0 17.0 25.6#

125 248.3 7.1 10.7#

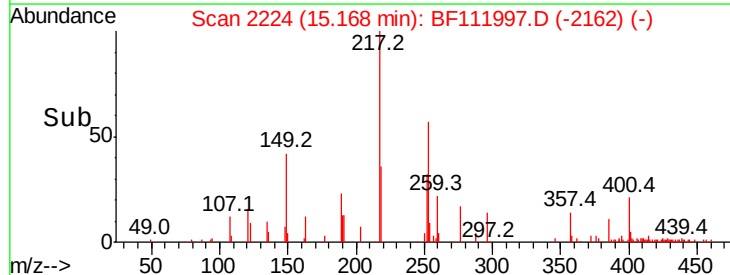
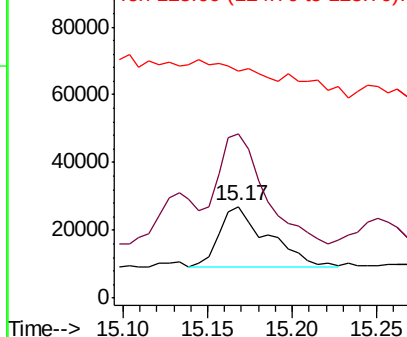


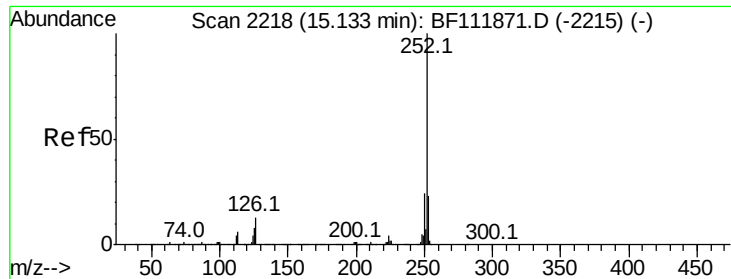
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.445 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.04 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Instrument :

BNA_F

ClientSampled :

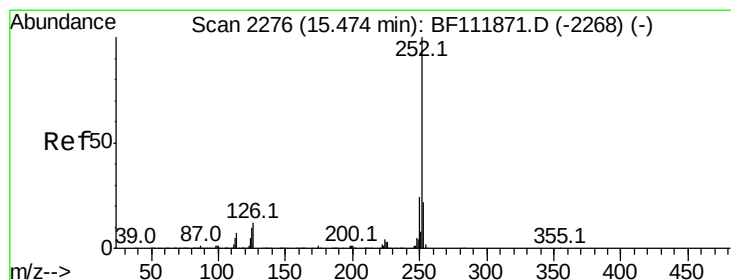
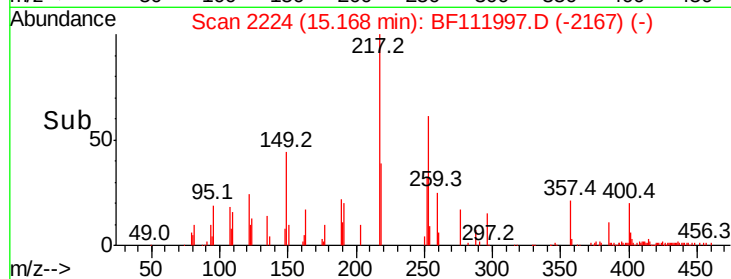
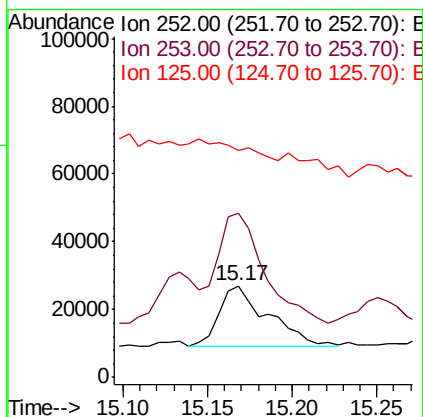
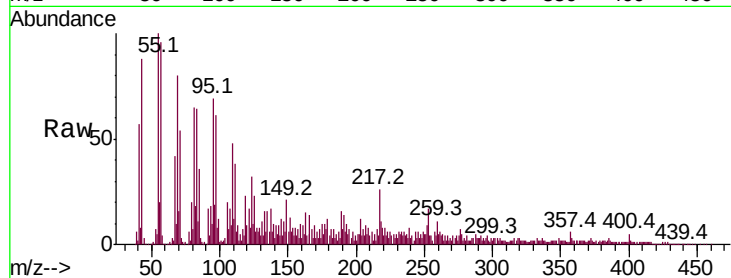
Tot Ion:252 Resp: 35507

Ion Ratio Lower Upper

252 100

253 179.0 17.8 26.6#

125 248.3 7.0 10.4#



#90

Benzo(a)pyrene

Concen: 2.613 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.06 min

Lab File: BF111997.D

Acq: 10 Jan 2019 19:43

Tgt Ion:252 Resp: 19528

Ion Ratio Lower Upper

252 100

253 95.0 17.4 26.2#

125 259.7 7.9 11.9#

