

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
 Data File : BF112877.D
 Acq On : 6 Mar 2019 2:56
 Operator : JU/SJ
 Sample : K1705-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B097-022719

Quant Time: Mar 06 04:17:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	179564	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	633609	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	269722	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	509396	20.00	ng	0.00
76) Chrysene-d12	13.87	240	496666	20.00	ng	0.00
87) Perylene-d12	15.29	264	336592	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	905620	78.45	ng	0.00
7) Phenol-d6	6.37	99	1168717	80.60	ng	0.00
23) Nitrobenzene-d5	7.30	82	700236	66.13	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	301041	105.13	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1225130	72.36	ng	0.00
79) Terphenyl-d14	12.83	244	1220178	47.62	ng	0.00

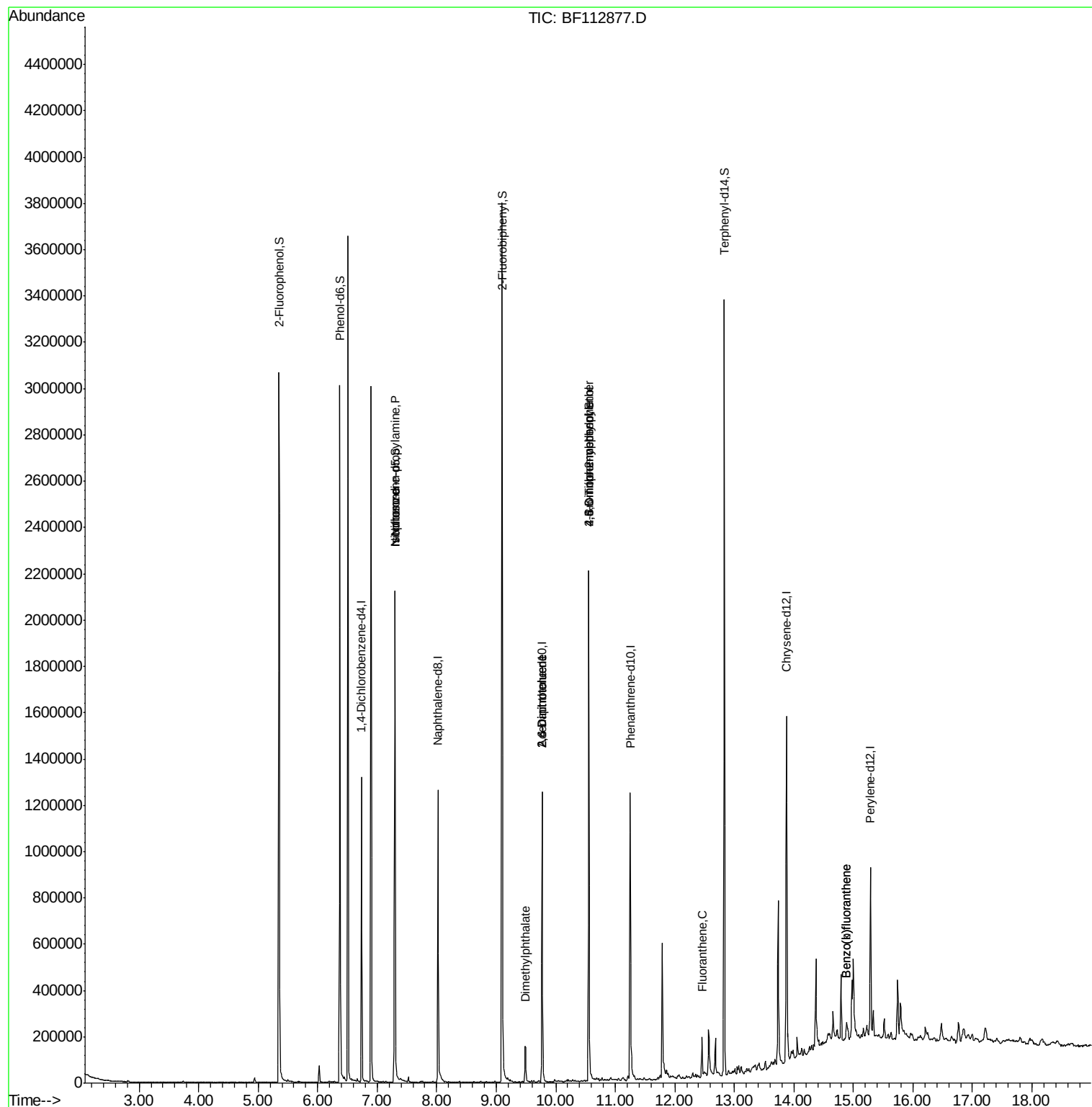
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	91922	10.009	ng	# 75
25) Isophorone	7.30	82	679434	29.784	ng	# 66
50) Dimethylphthalate	9.49	163	73040	3.673	ng	99
51) 2,6-Dinitrotoluene	9.77	165	33680	8.132	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	33681	6.543	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	400	4.785	ng	# 1
67) 4-Bromophenyl-phenylether	10.56	248	17140	3.195	ng	# 1
75) Fluoranthene	12.46	202	69576	2.562	ng	95
88) Benzo(b)fluoranthene	14.89	252	51625	2.371	ng	95
89) Benzo(k)fluoranthene	14.89	252	51625	2.618	ng	95

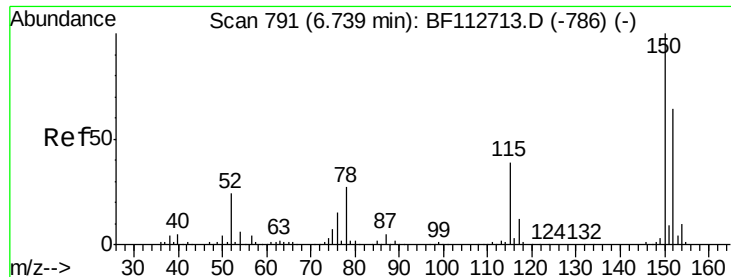
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112877.D
Acq On : 6 Mar 2019 2:56
Operator : JU/SJ
Sample : K1705-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Quant Time: Mar 06 04:17:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



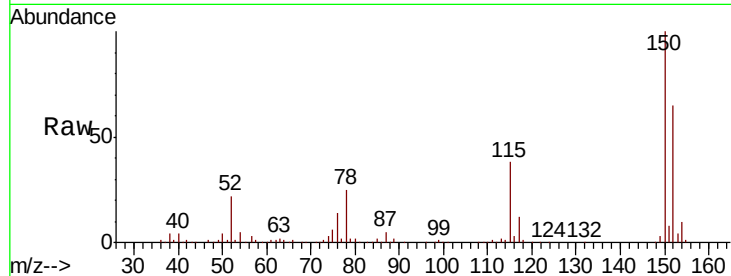


#1

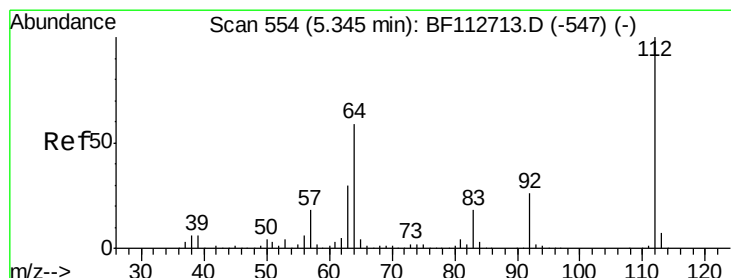
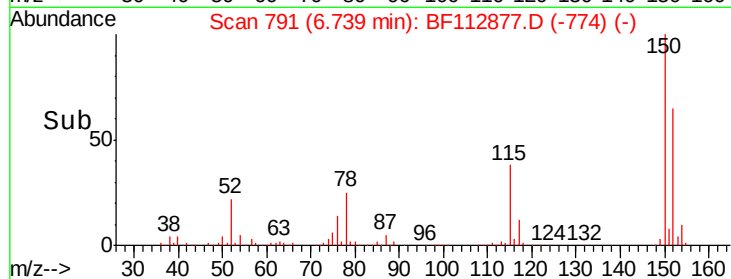
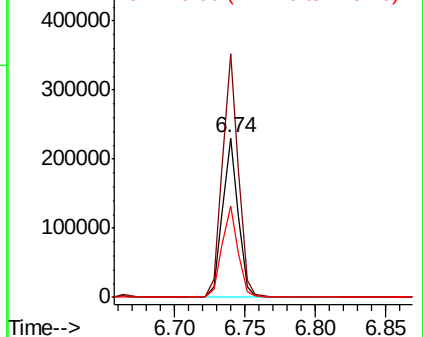
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112877.D
Acq: 6 Mar 2019 2:56

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion:152 Resp: 179564
Ion Ratio Lower Upper
152 100
150 152.9 124.2 186.2
115 57.7 48.2 72.4



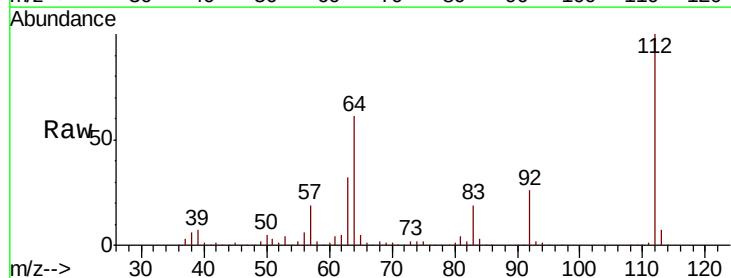
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



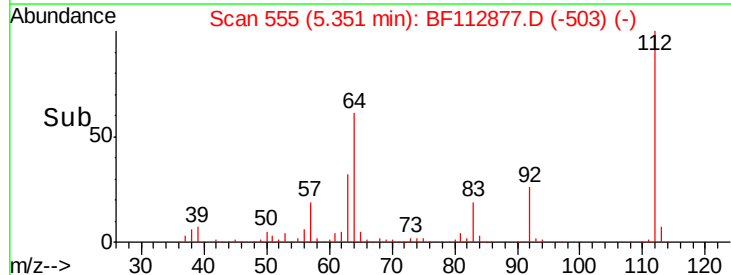
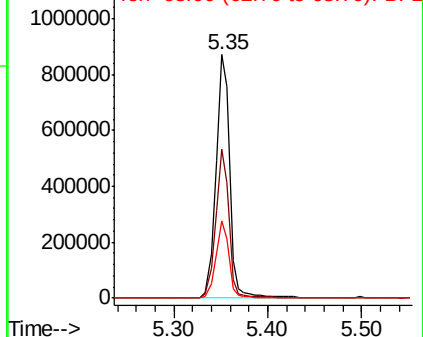
#5

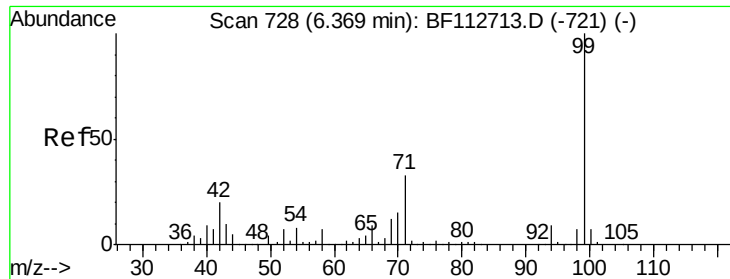
2-Fluorophenol
Concen: 78.453 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112877.D
Acq: 6 Mar 2019 2:56

Tgt Ion:112 Resp: 905620
Ion Ratio Lower Upper
112 100
64 61.2 47.6 71.4
63 32.0 24.4 36.6



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





#7

Phenol-d6

Concen: 80.598 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

Instrument :

BNA_F

ClientSampleId :

PST-028-B097-022719

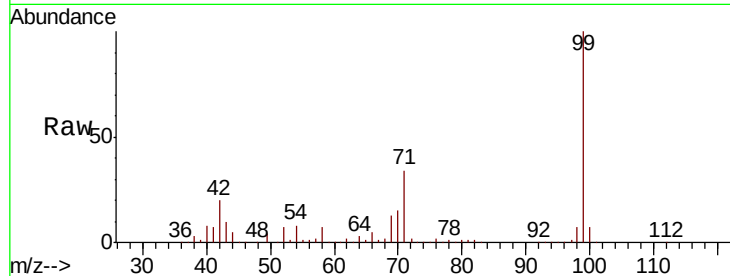
Tgt Ion: 99 Resp: 1168717

Ion Ratio Lower Upper

99 100

42 20.1 16.3 24.5

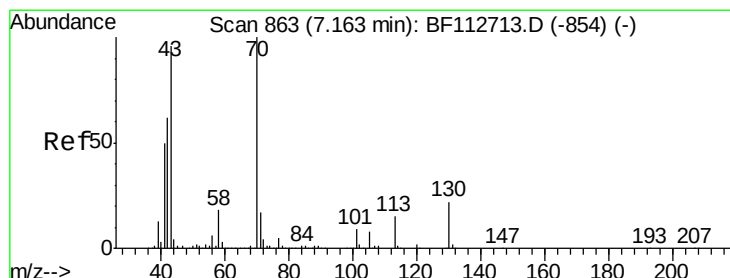
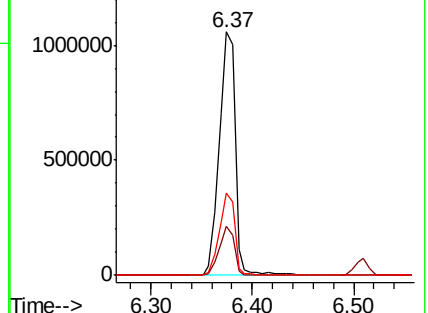
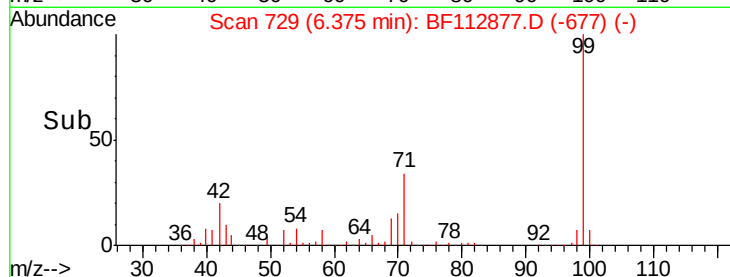
71 33.9 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.009 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

Tgt Ion: 70 Resp: 91922

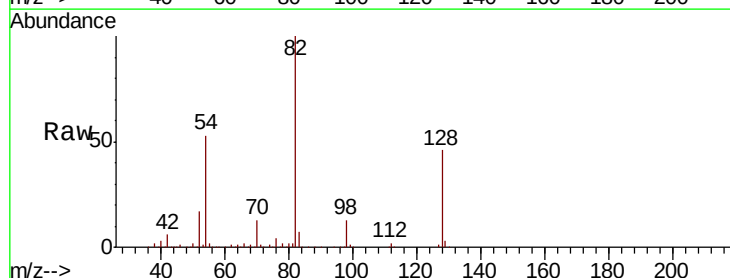
Ion Ratio Lower Upper

70 100

42 47.7 49.9 74.9#

101 0.0 7.4 11.2#

130 2.6 17.4 26.2#

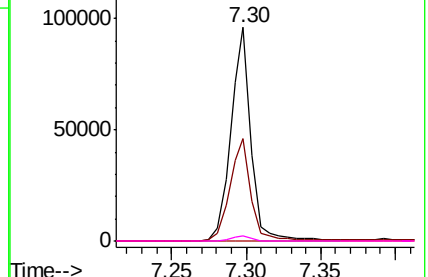
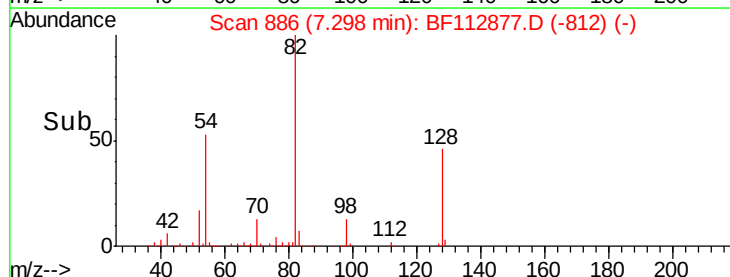


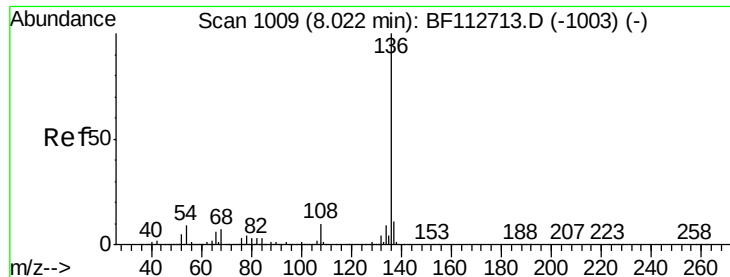
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

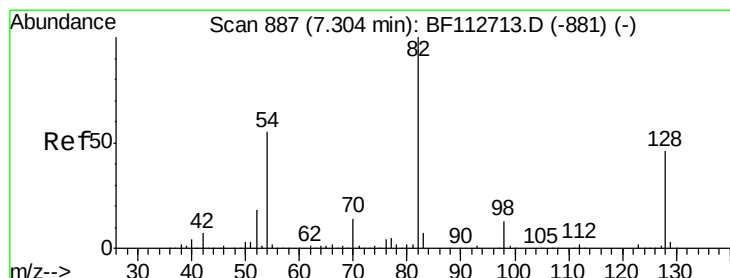
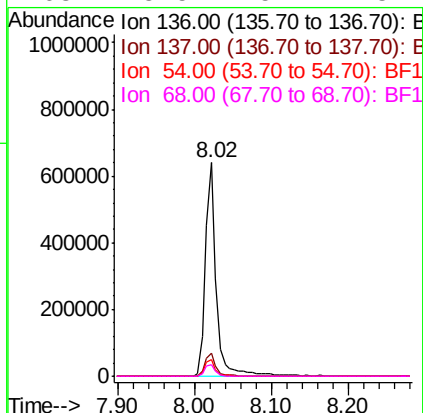
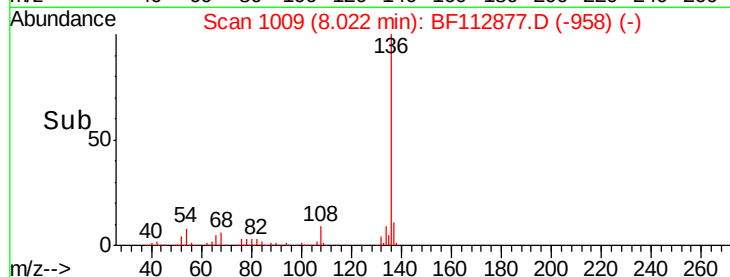
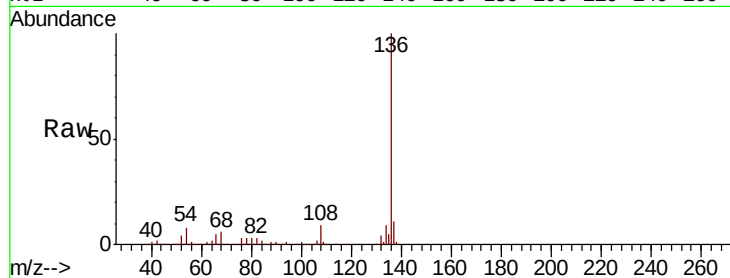




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112877.D
Acq: 6 Mar 2019 2:56

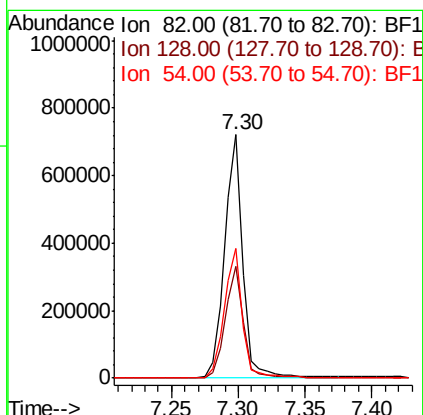
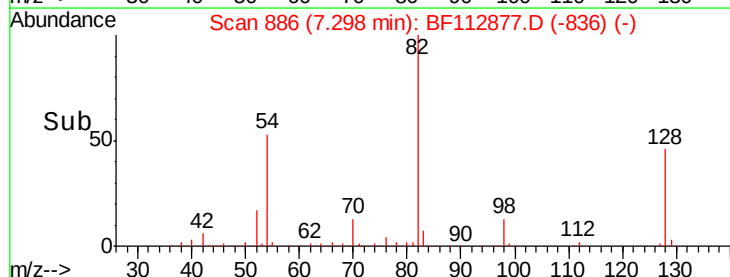
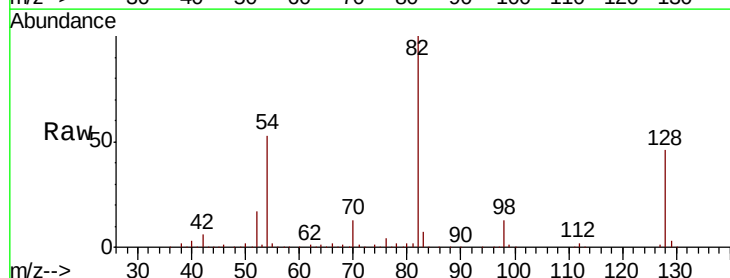
Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

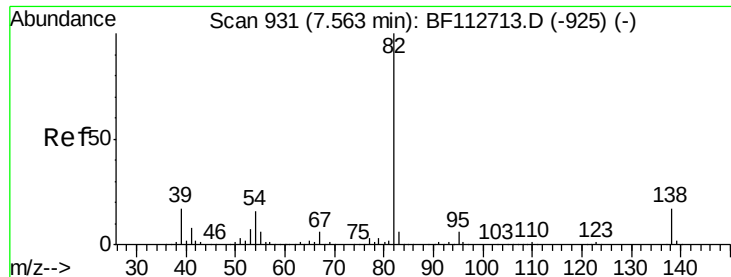
Tgt Ion:	136	Resp:	633609
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	7.3	10.9
68	5.5	5.4	8.2



#23
Nitrobenzene-d5
Concen: 66.130 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112877.D
Acq: 6 Mar 2019 2:56

Tgt Ion:	82	Resp:	700236
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.3	54.5
54	53.3	43.7	65.5





#25

Isophorone

Concen: 29.784 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

Instrument :

BNA_F

ClientSampleId :

PST-028-B097-022719

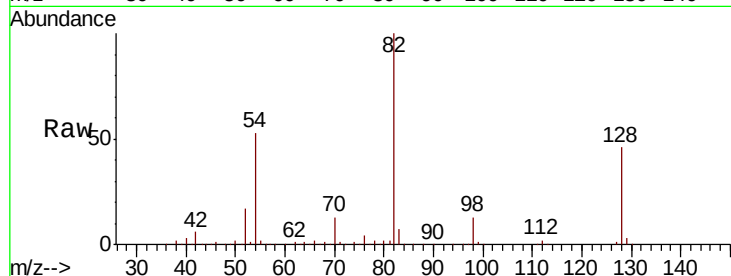
Tgt Ion: 82 Resp: 679434

Ion Ratio Lower Upper

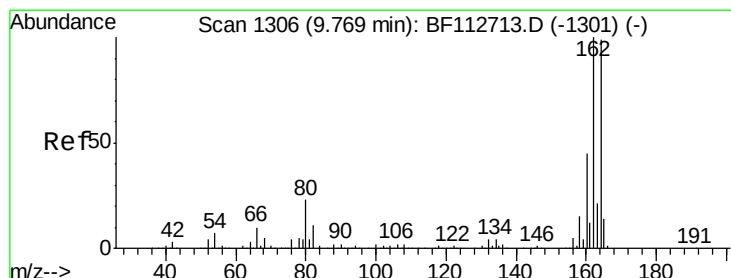
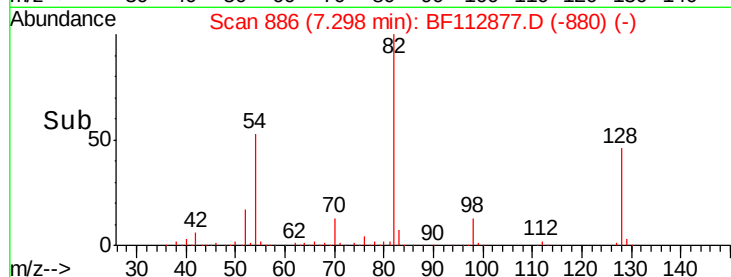
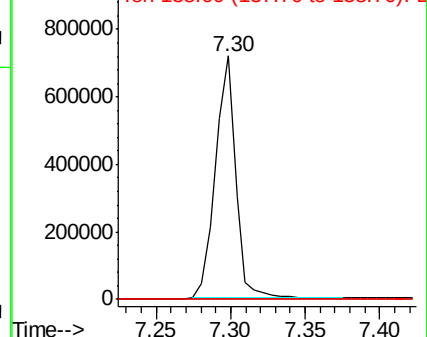
82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

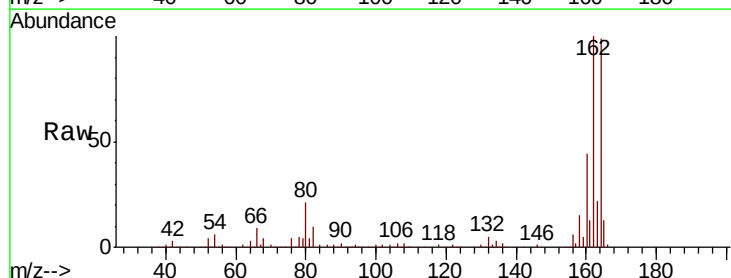
Tgt Ion: 164 Resp: 269722

Ion Ratio Lower Upper

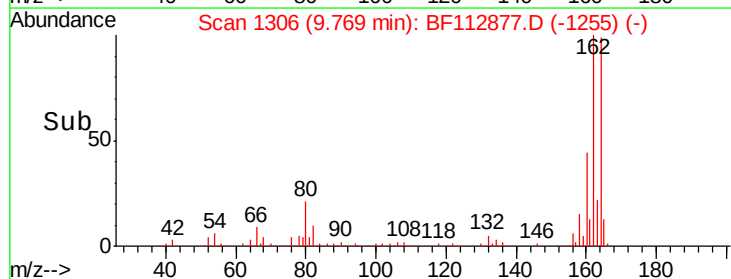
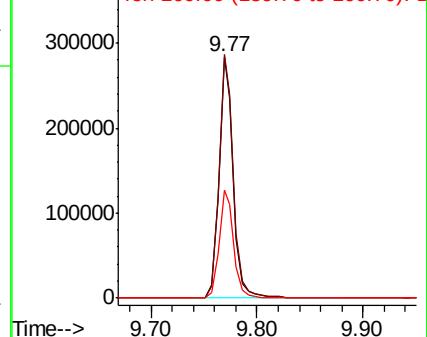
164 100

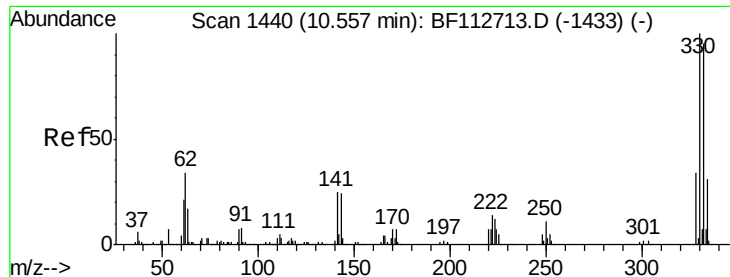
162 100.7 80.6 120.8

160 44.8 36.0 54.0



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

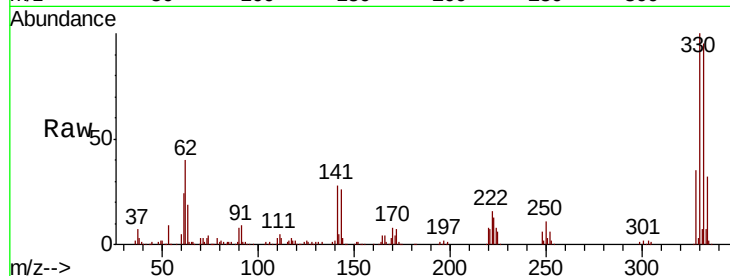




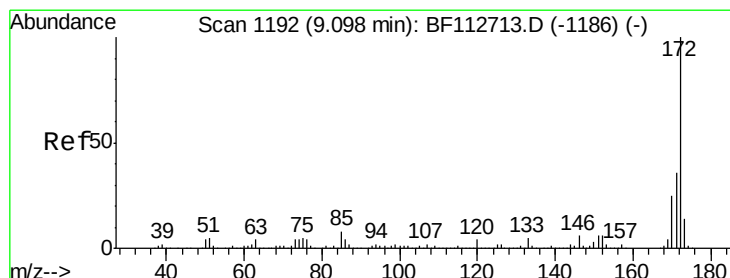
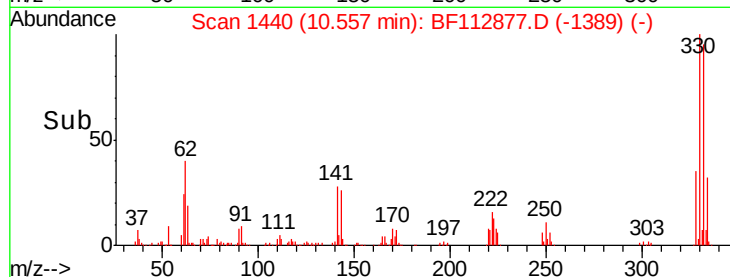
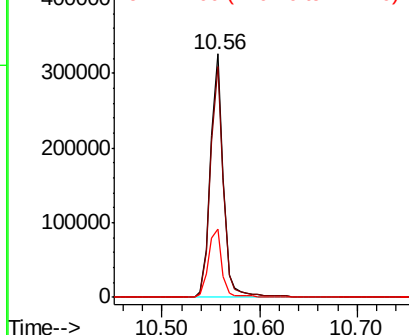
#42
 2,4,6-Tribromophenol
 Concen: 105.133 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112877.D
 Acq: 6 Mar 2019 2:56

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B097-022719

Tgt Ion:330 Resp: 301041
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 29.5 27.0 40.6

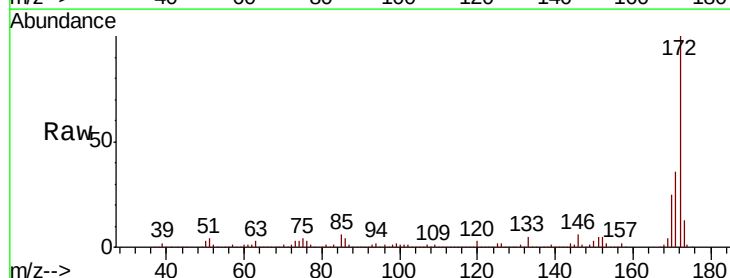


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

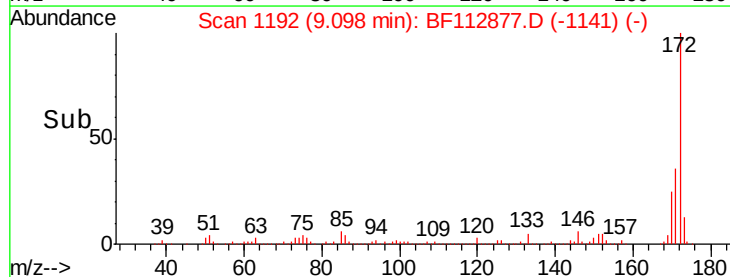
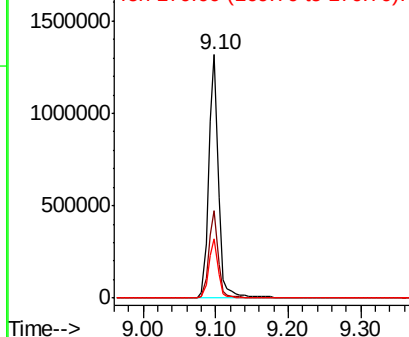


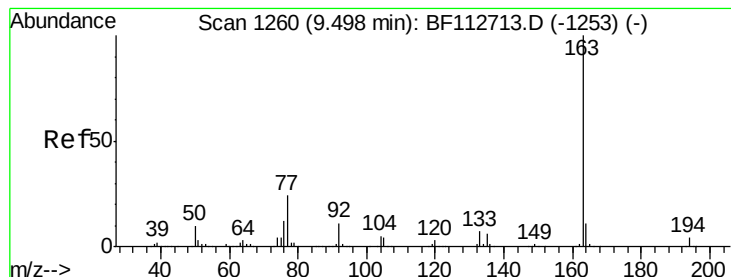
#45
 2-Fluorobiphenyl
 Concen: 72.362 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112877.D
 Acq: 6 Mar 2019 2:56

Tgt Ion:172 Resp: 1225130
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.5 20.0 30.0



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





#50

Dimethylphthalate

Concen: 3.673 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

Instrument :

BNA_F

ClientSampleId :

PST-028-B097-022719

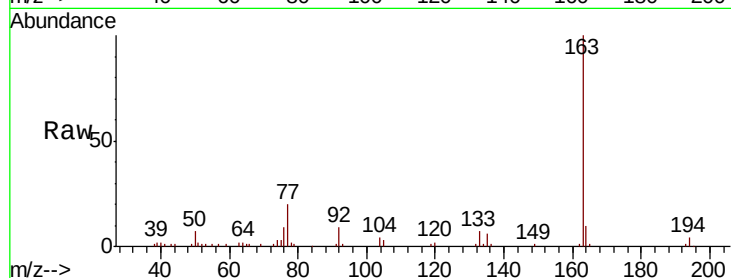
Tgt Ion:163 Resp: 73040

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.4

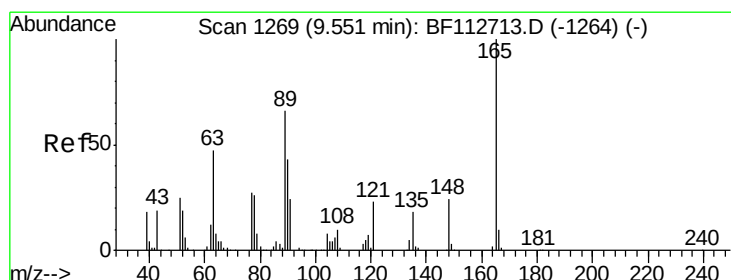
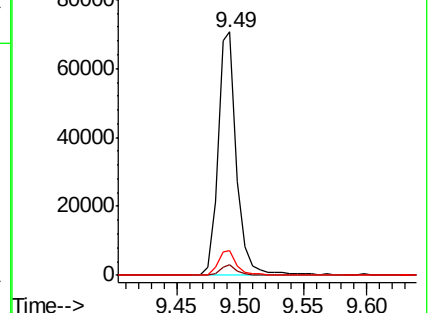
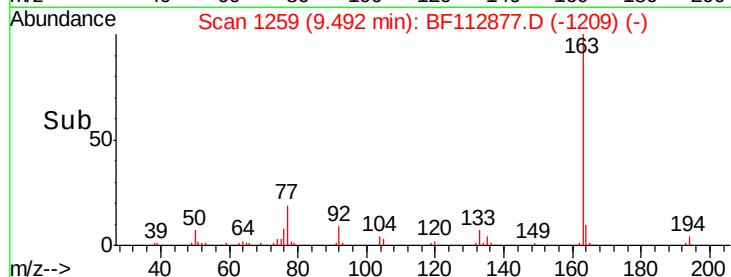
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.132 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.22 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

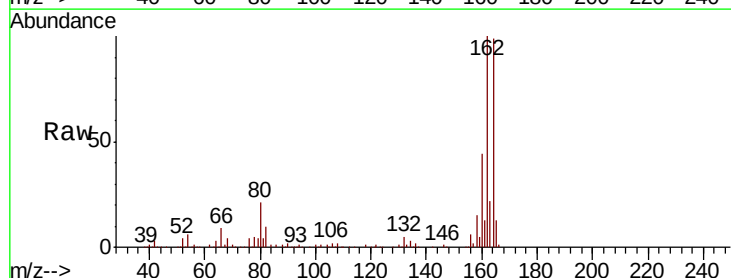
Tgt Ion:165 Resp: 33680

Ion Ratio Lower Upper

165 100

63 1.3 54.1 81.1#

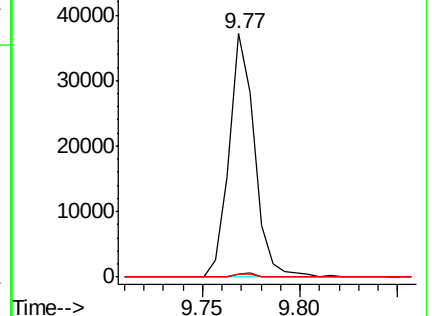
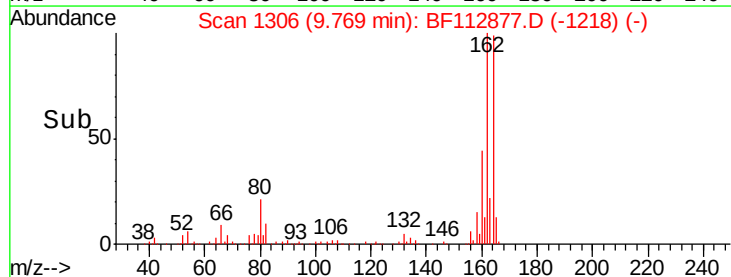
89 1.1 52.8 79.2#

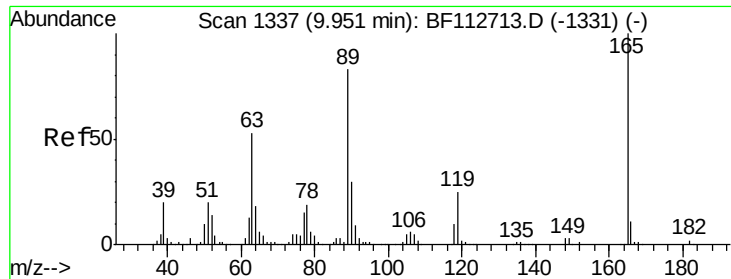


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

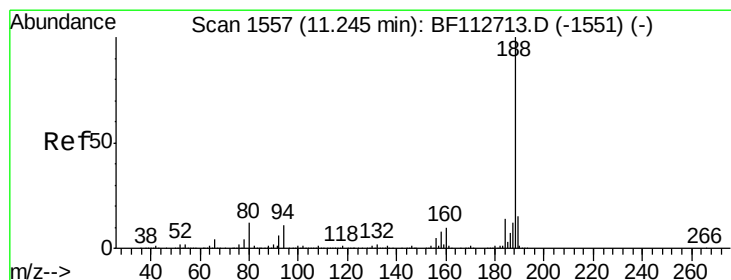
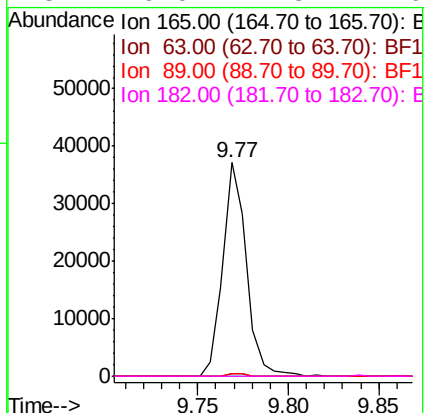
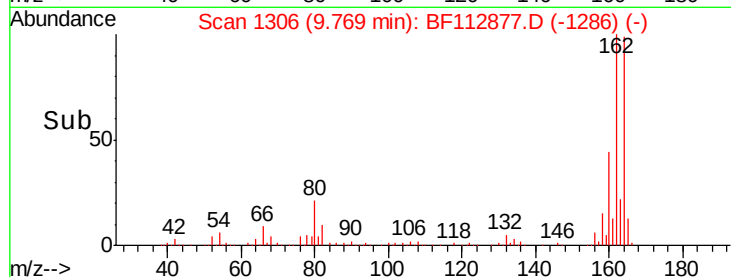
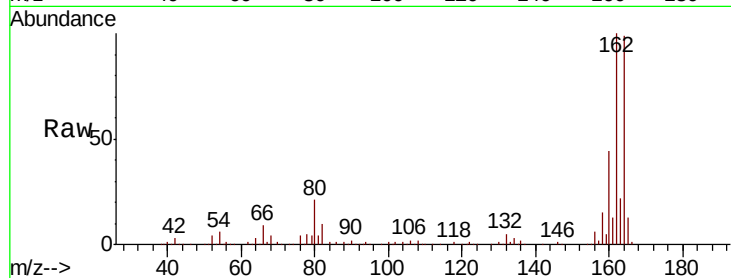




#57
2,4-Dinitrotoluene
Concen: 6.543 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112877.D
Acq: 6 Mar 2019 2:56

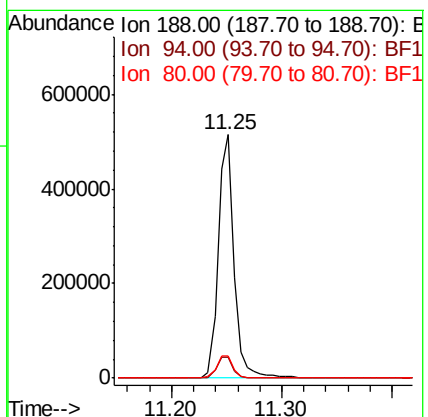
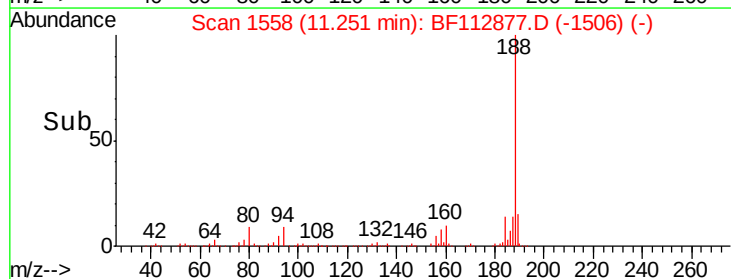
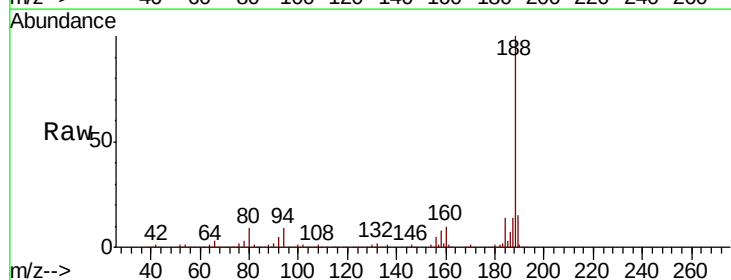
Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

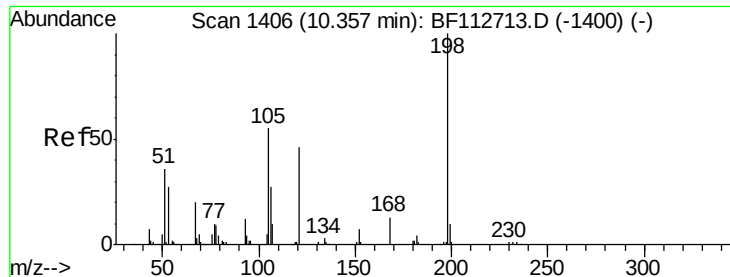
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112877.D
Acq: 6 Mar 2019 2:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.3	9.2	13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 4.785 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

Instrument :

BNA_F

ClientSampleId :

PST-028-B097-022719

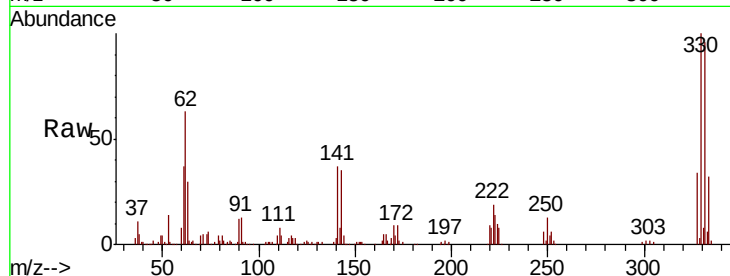
Tgt Ion:198 Resp: 400

Ion Ratio Lower Upper

198 100

51 218.2 43.8 83.8#

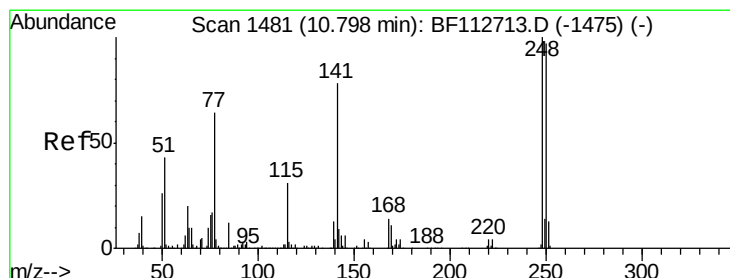
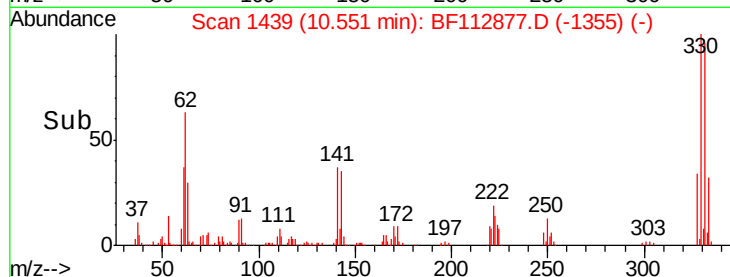
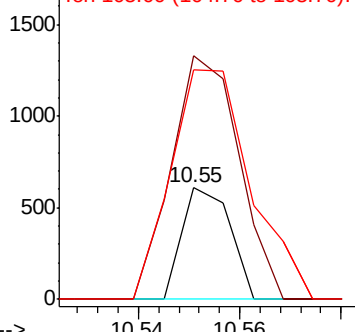
105 206.2 36.5 76.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.195 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

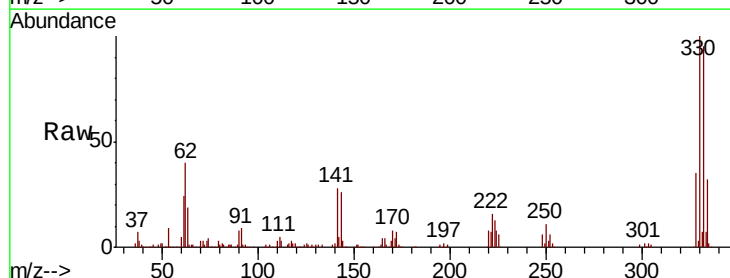
Tgt Ion:248 Resp: 17140

Ion Ratio Lower Upper

248 100

250 192.6 77.5 116.3#

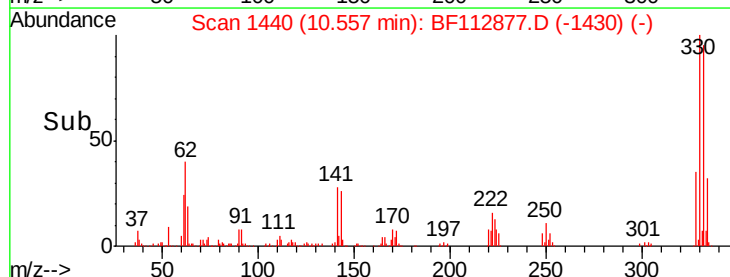
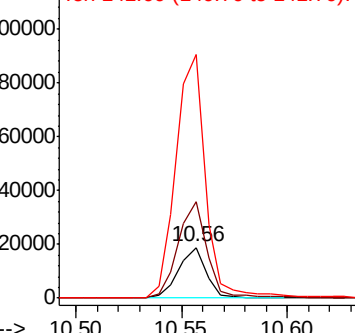
141 484.0 62.4 93.6#

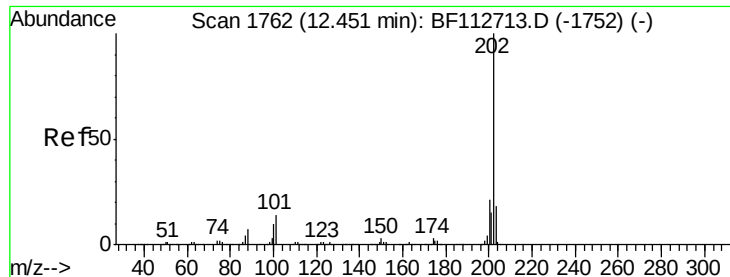


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: 2.562 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

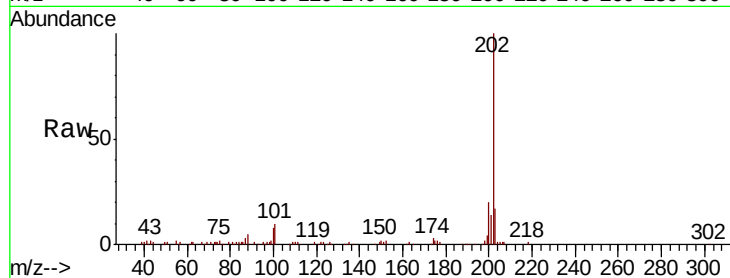
Instrument :

BNA_F

ClientSampleId :

PST-028-B097-022719

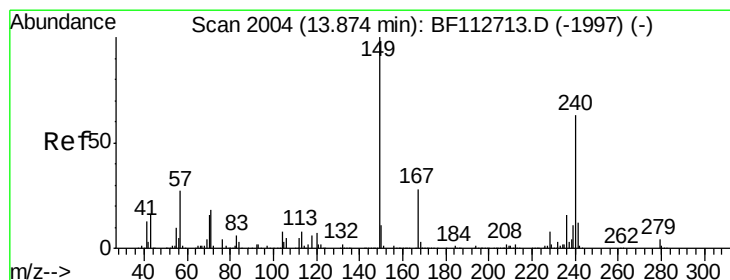
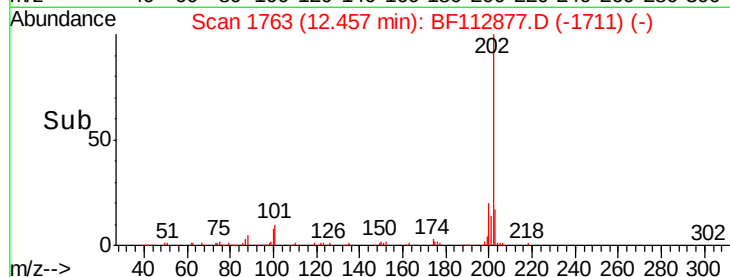
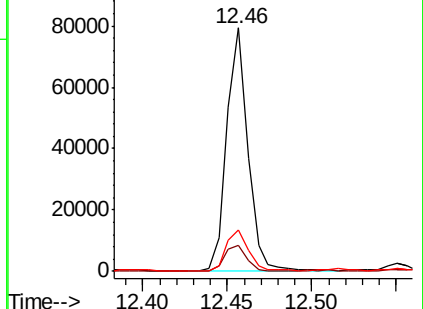
Tgt Ion:	202	Resp:	69576
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.8
203	17.1	0.0	38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

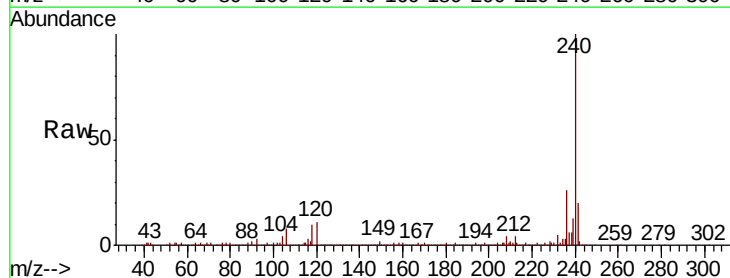
RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

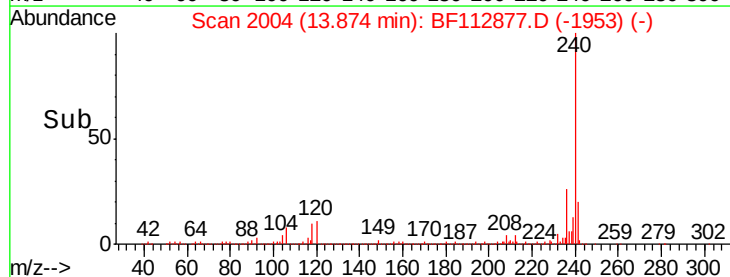
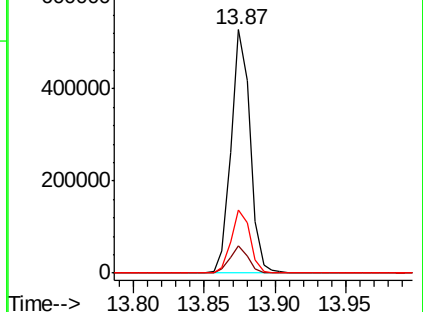
Tgt Ion:	240	Resp:	496666
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	26.1	20.7	31.1

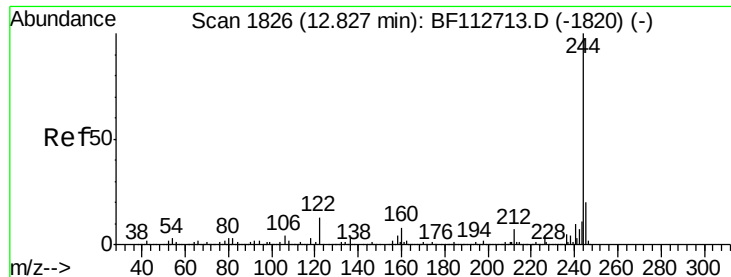


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 47.624 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

Instrument :

BNA_F

ClientSampleId :

PST-028-B097-022719

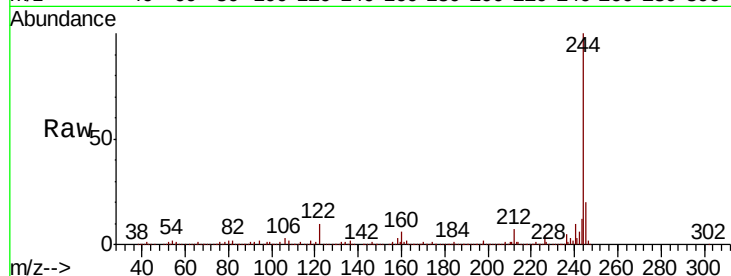
Tgt Ion:244 Resp: 1220178

Ion Ratio Lower Upper

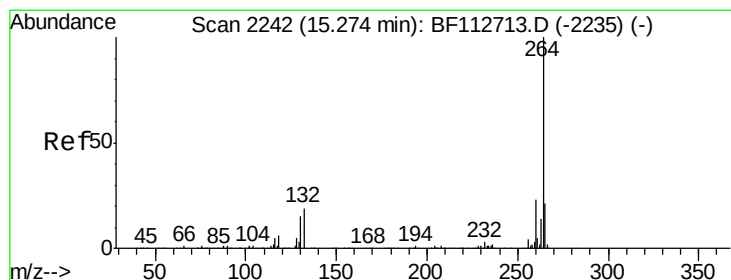
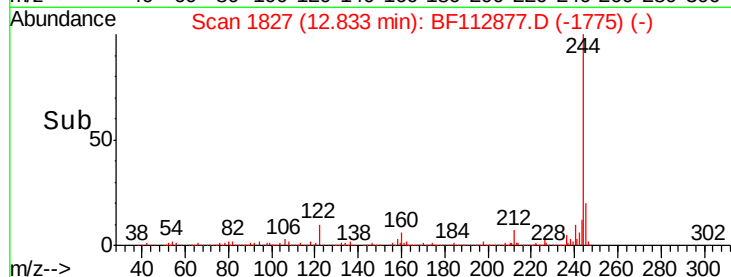
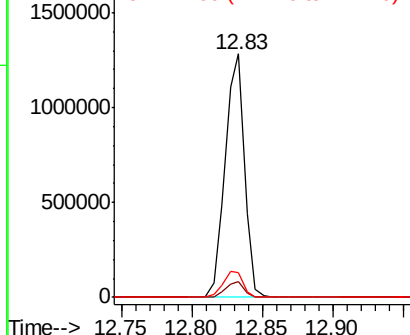
244 100

212 6.6 5.6 8.4

122 10.3 10.5 15.7#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

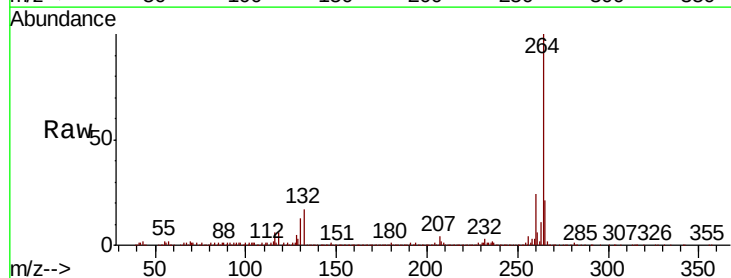
Tgt Ion:264 Resp: 336592

Ion Ratio Lower Upper

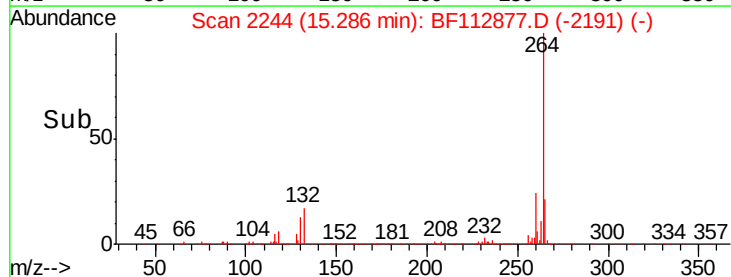
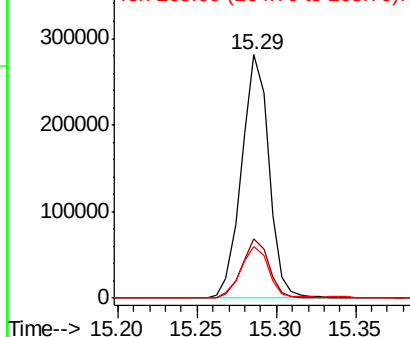
264 100

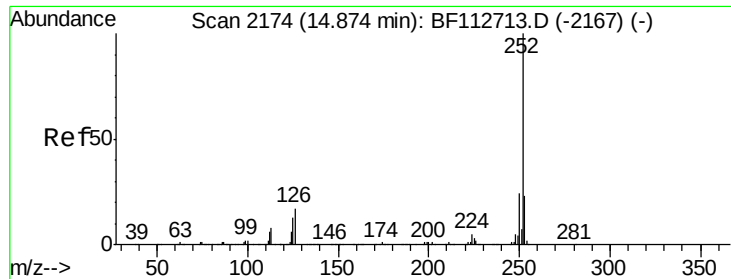
260 24.3 18.7 28.1

265 21.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

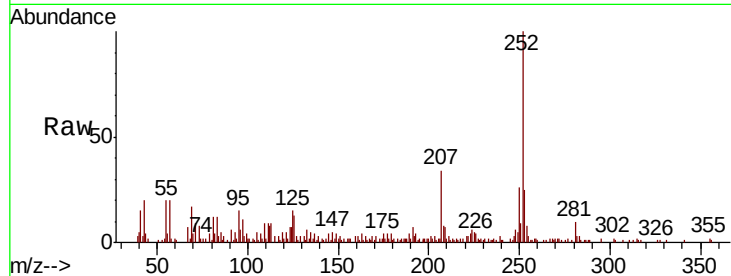




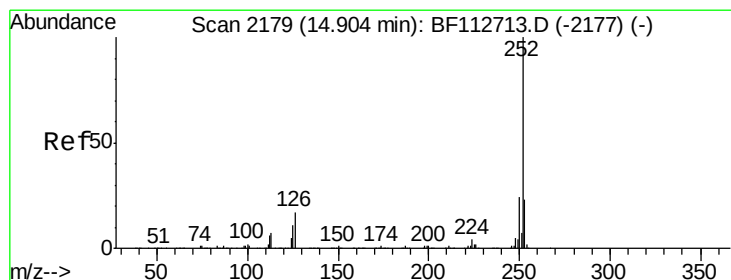
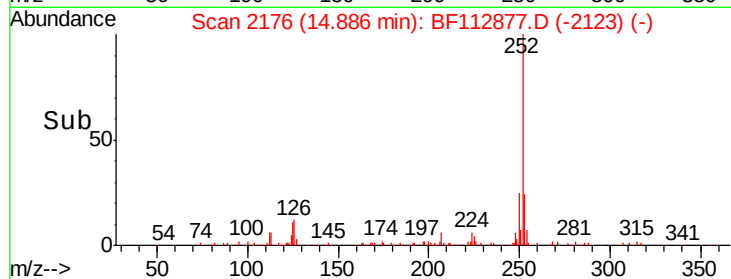
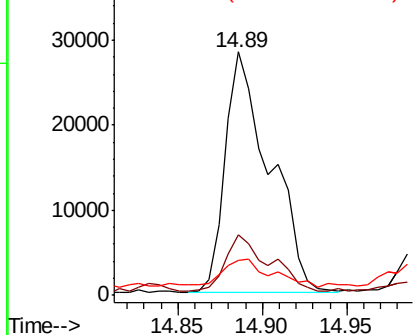
#88
Benzo(b)fluoranthene
Concen: 2.371 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112877.D
Acq: 6 Mar 2019 2:56

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion:252 Resp: 51625
Ion Ratio Lower Upper
252 100
253 24.9 18.0 27.0
125 14.5 10.2 15.2

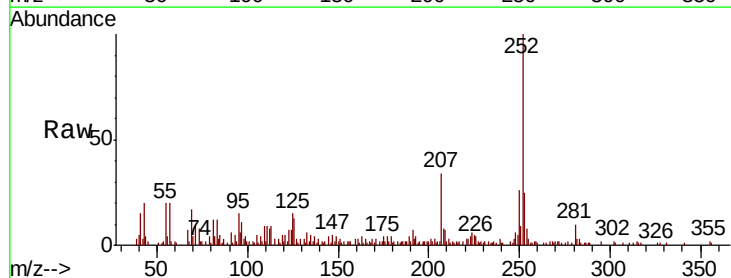


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.618 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF112877.D
Acq: 6 Mar 2019 2:56

Tgt Ion:252 Resp: 51625
Ion Ratio Lower Upper
252 100
253 24.9 18.2 27.2
125 14.5 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

