

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113837.D
 Acq On : 19 Apr 2019 00:51
 Operator : JU/SJ
 Sample : K2197-07 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 02:10:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	137396	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	465895	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	225944	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	491455	20.00	ng	0.00
76) Chrysene-d12	14.04	240	526545	20.00	ng	0.00
87) Perylene-d12	15.52	264	420127	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	316372	38.29	ng	0.00
7) Phenol-d6	6.51	99	380114	36.89	ng	0.00
23) Nitrobenzene-d5	7.45	82	200060	26.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	109164	43.73	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	396459	26.76	ng	0.00
79) Terphenyl-d14	12.99	244	626116	24.93	ng	0.00

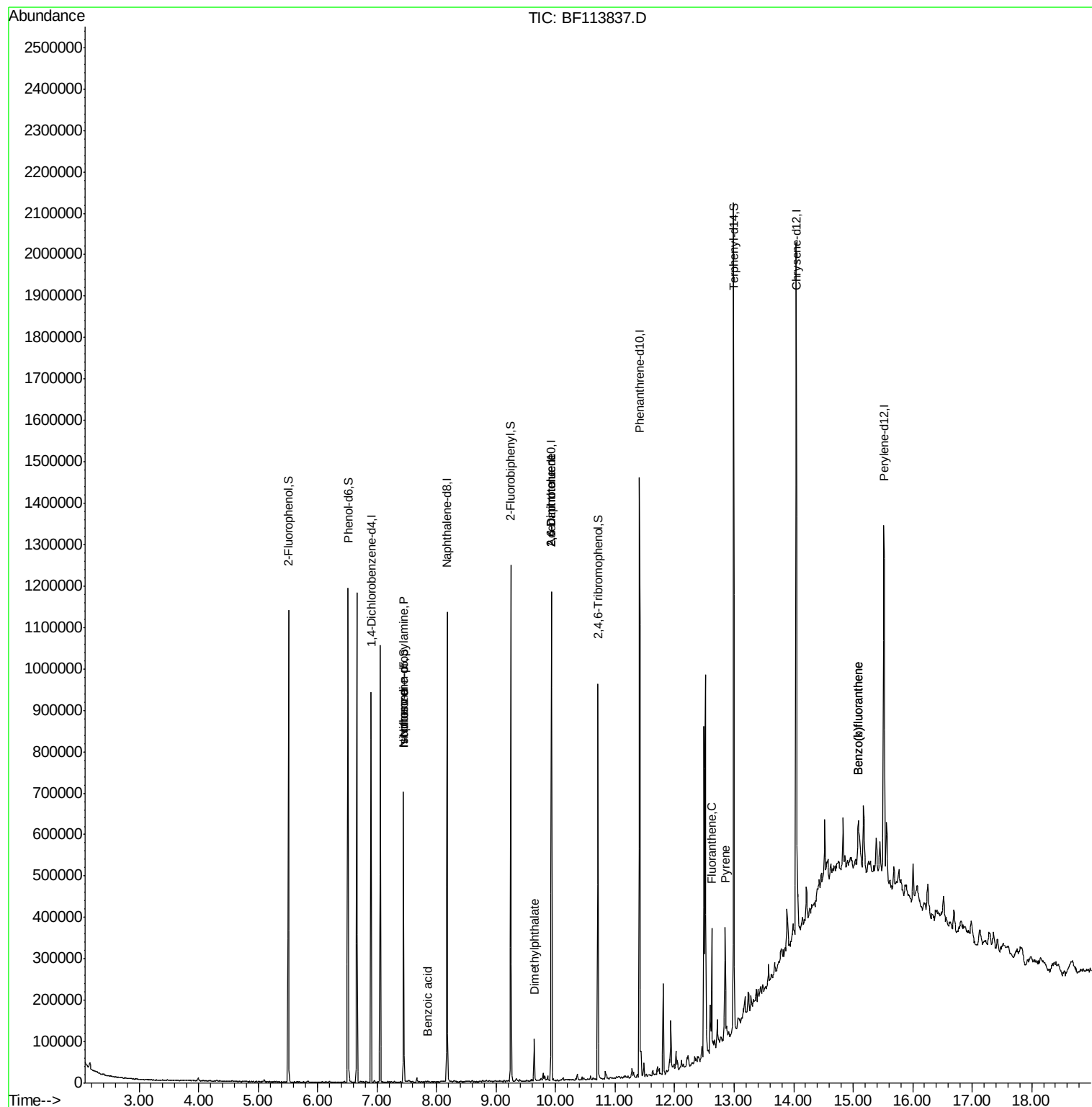
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.51	77	584	Below Cal		# 3
19) n-Nitroso-di-n-propylamine	7.45	70	26019	3.783	ng	# 82
25) Isophorone	7.45	82	200108	12.633	ng	# 65
32) Benzoic acid	7.84	122	260	5.979	ng	# 94
50) Dimethylphthalate	9.64	163	36735	2.323	ng	# 100
51) 2,6-Dinitrotoluene	9.93	165	29061	8.328	ng	# 33
57) 2,4-Dinitrotoluene	9.93	165	29061	6.713	ng	# 29
75) Fluoranthene	12.62	202	103571	3.904	ng	# 97
78) Pyrene	12.85	202	102246	2.755	ng	# 98
88) Benzo(b)fluoranthene	15.09	252	87043	3.323	ng	# 82
89) Benzo(k)fluoranthene	15.09	252	87043	3.649	ng	# 83

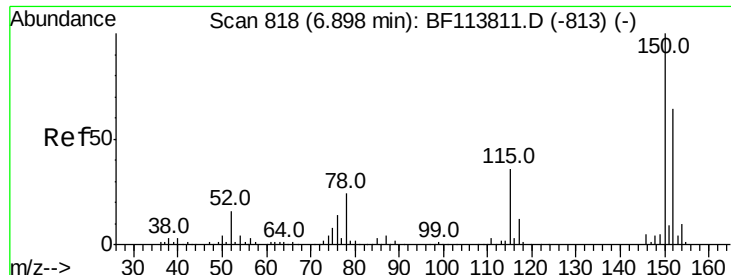
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113837.D
Acq On : 19 Apr 2019 00:51
Operator : JU/SJ
Sample : K2197-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 19 02:10:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration



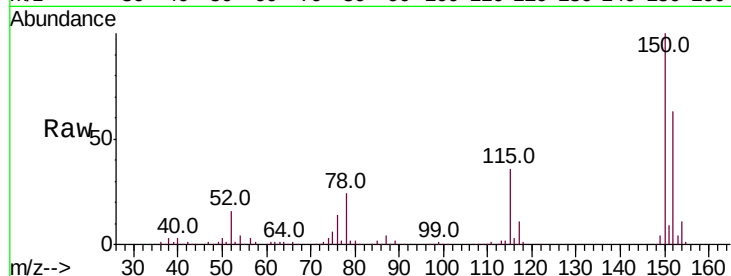


#1

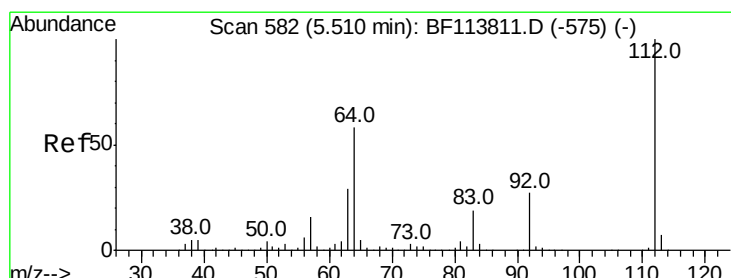
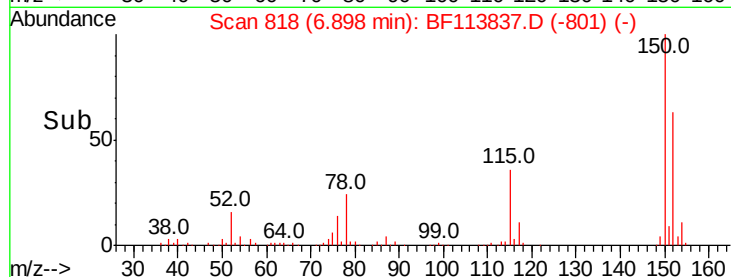
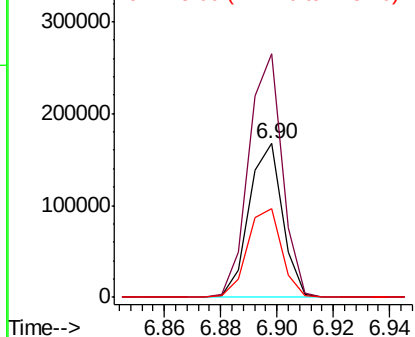
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137396
Ion Ratio Lower Upper
152 100
150 158.4 125.9 188.9
115 57.7 45.9 68.9



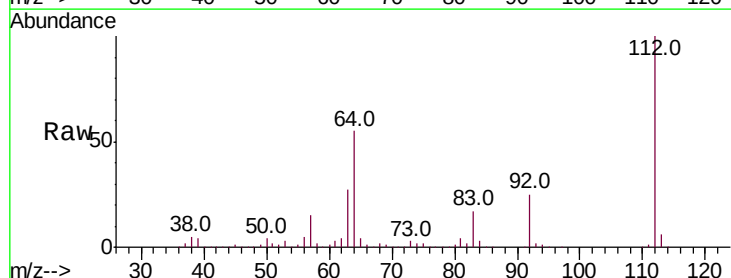
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



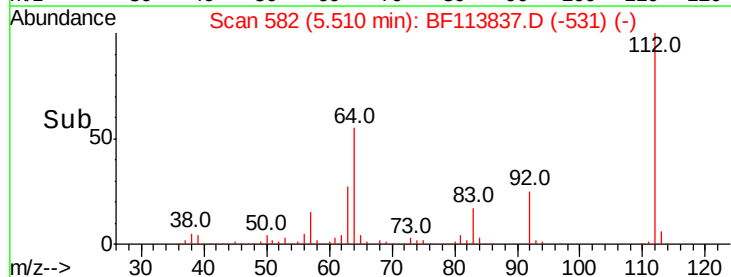
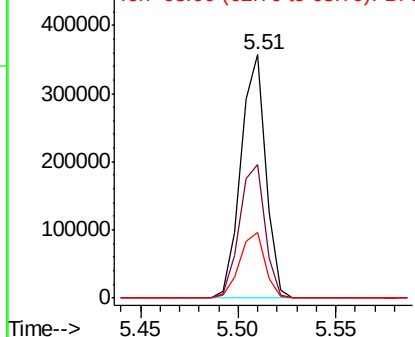
#5

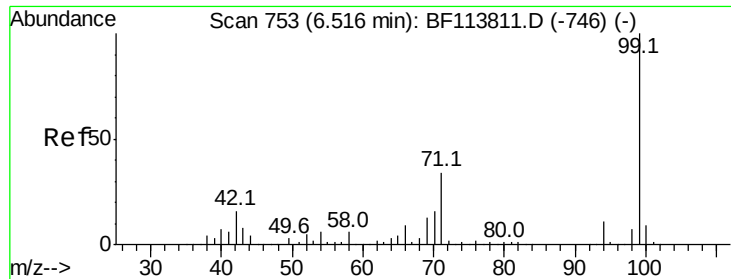
2-Fluorophenol
Concen: 38.288 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Tgt Ion:112 Resp: 316372
Ion Ratio Lower Upper
112 100
64 54.7 46.6 69.8
63 26.8 23.1 34.7



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: 36.888 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Instrument :

BNA_F

ClientSampleId :

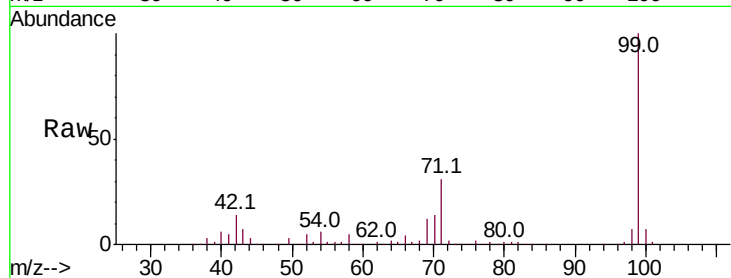
Tot Ion: 99 Resp: 380114

Ion Ratio Lower Upper

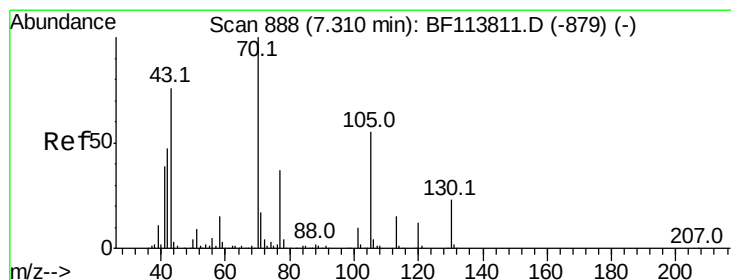
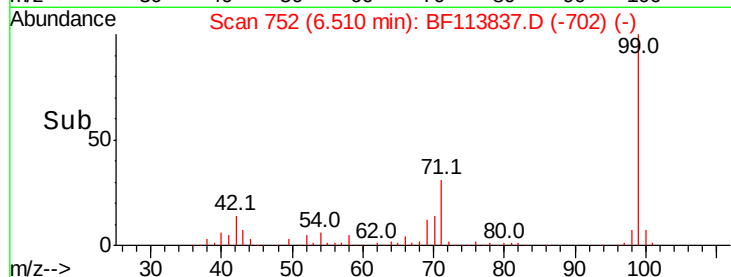
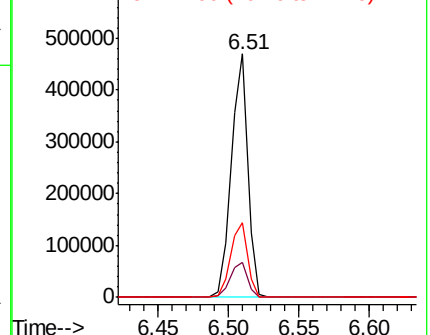
99 100

42 14.2 12.5 18.7

71 30.8 26.9 40.3



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: 3.783 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.13 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Tgt Ion: 70 Resp: 26019

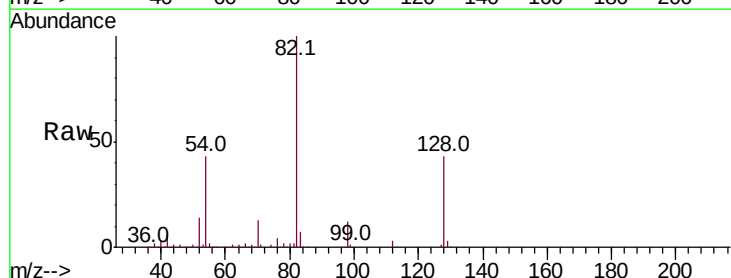
Ion Ratio Lower Upper

70 100

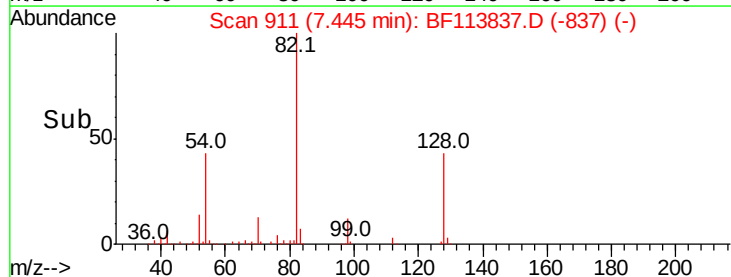
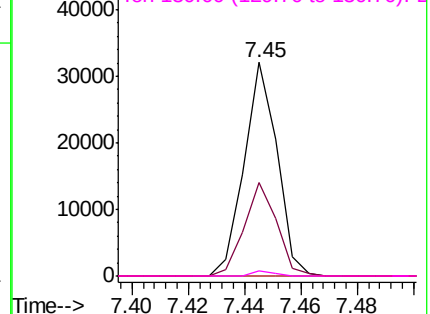
42 43.9 37.3 55.9

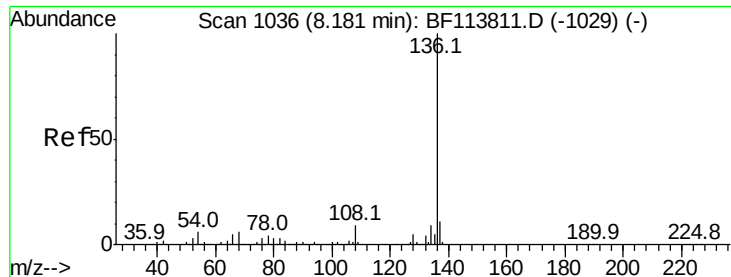
101 0.0 7.8 11.8#

130 2.1 18.2 27.2#



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

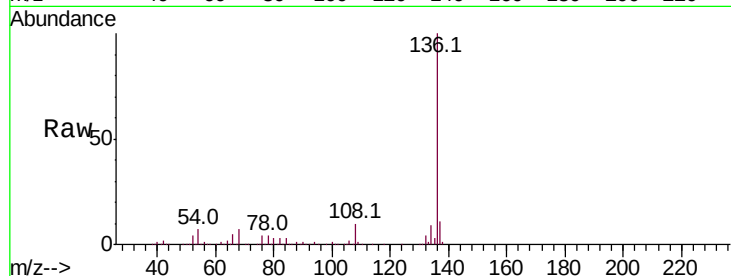




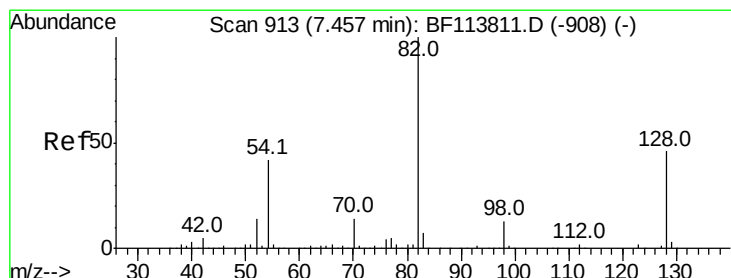
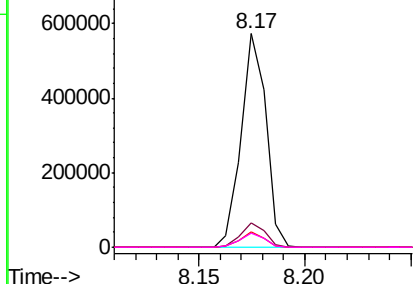
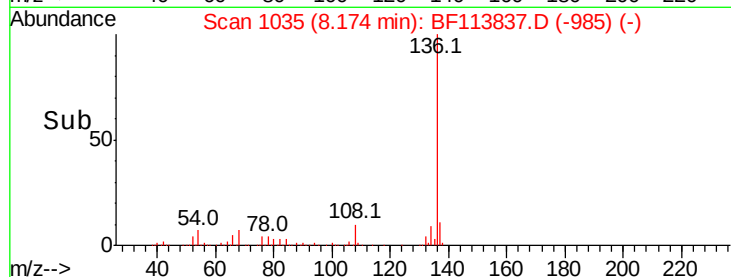
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 465895
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 12.8
54 7.1	5.0 7.6
68 6.6	4.9 7.3

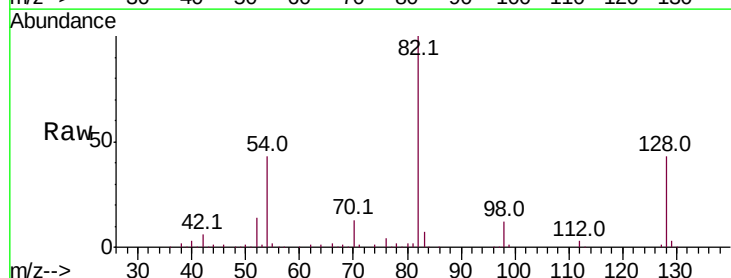


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

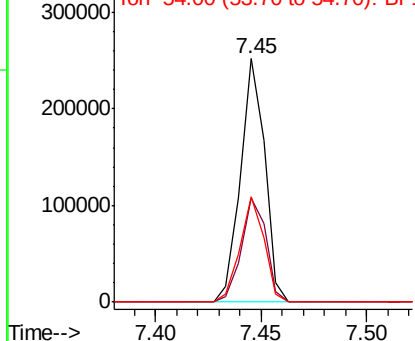
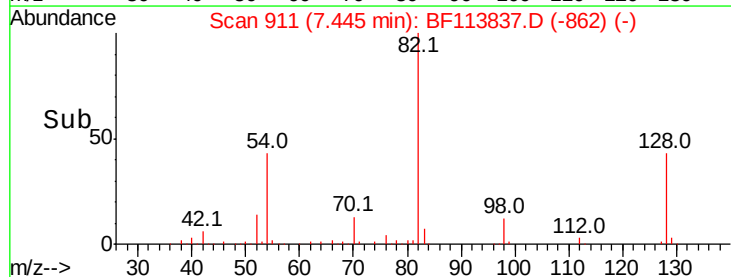


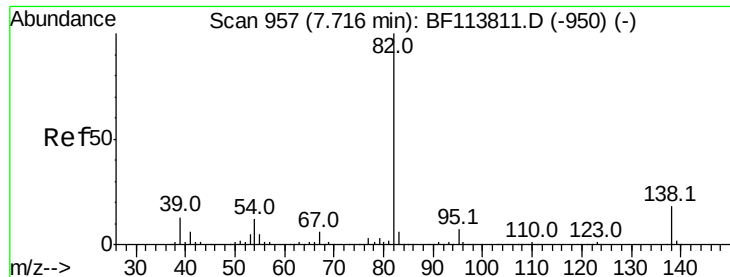
#23
Nitrobenzene-d5
Concen: 26.150 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Tgt	Ion: 82	Resp:	200060
Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.8	55.2
54	43.1	33.8	50.6



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: 12.633 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.27 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Instrument :

BNA_F

ClientSampleId :

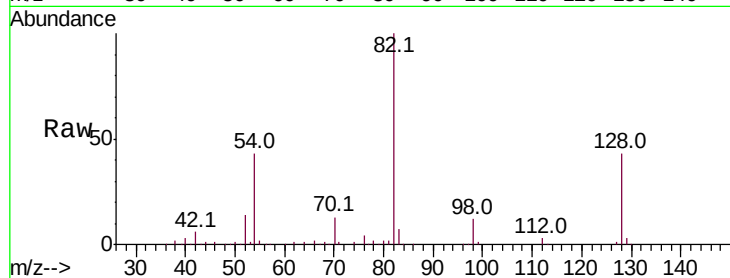
Tot Ion: 82 Resp: 200108

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

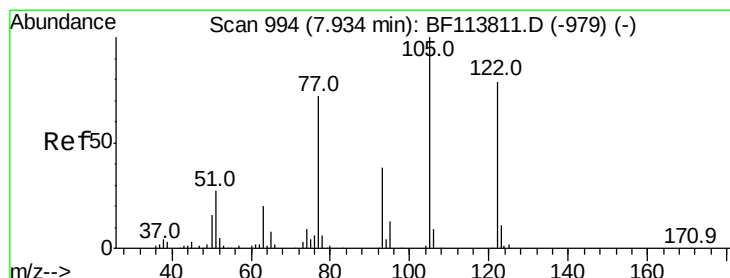
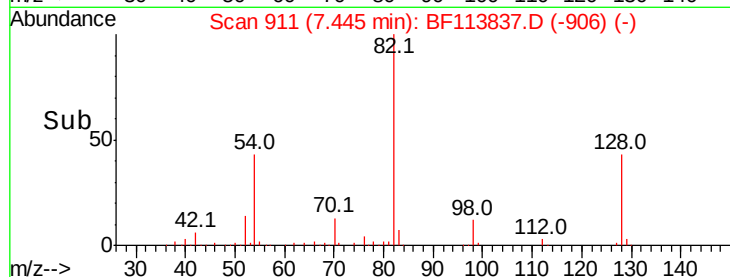
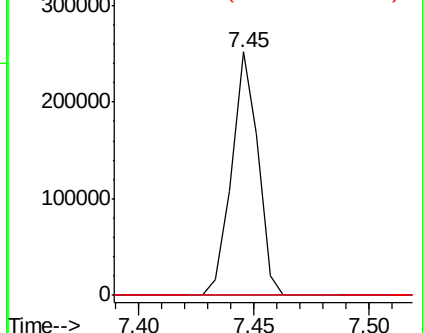
138 0.0 14.6 22.0#



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



#32

Benzoic acid

Concen: 5.979 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.09 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

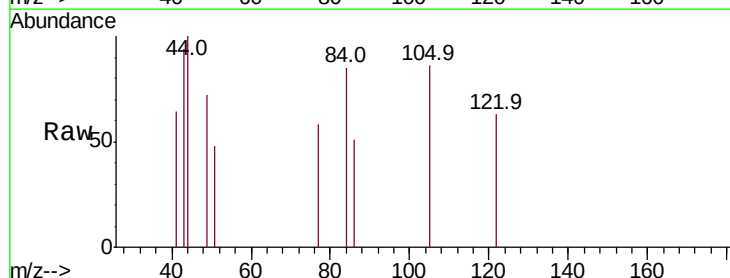
Tgt Ion: 122 Resp: 260

Ion Ratio Lower Upper

122 100

105 135.8 104.3 144.3

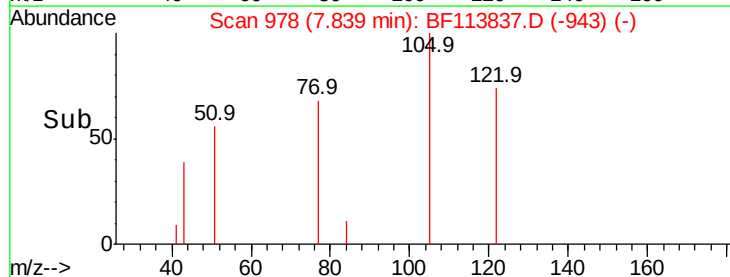
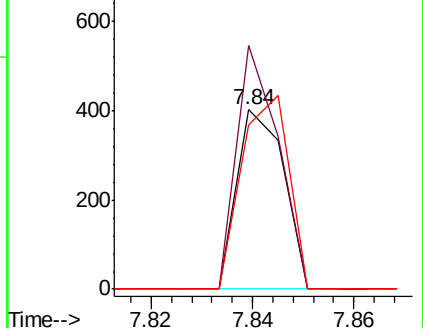
77 91.8 70.4 110.4

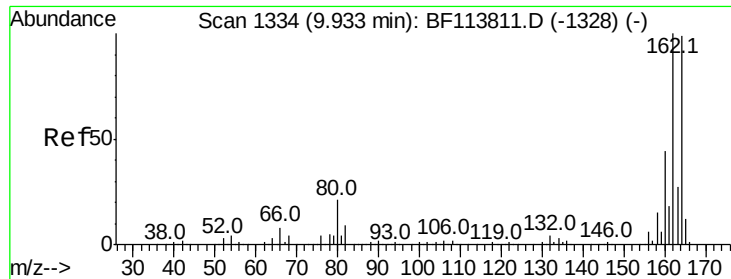


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Instrument :

BNA_F

ClientSampleId :

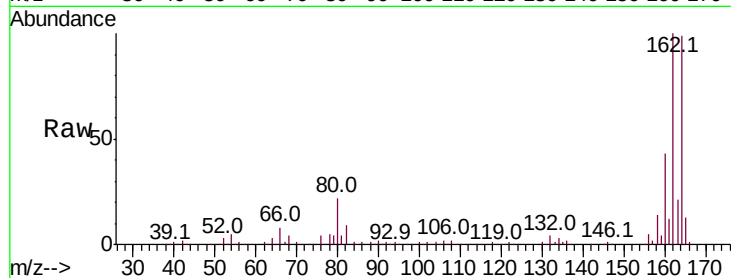
Tot Ion:164 Resp: 225944

Ion Ratio Lower Upper

164 100

162 100.7 81.1 121.7

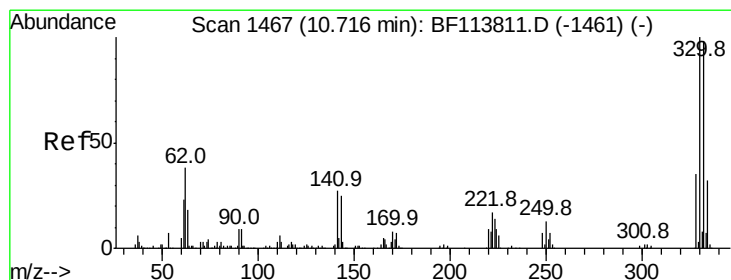
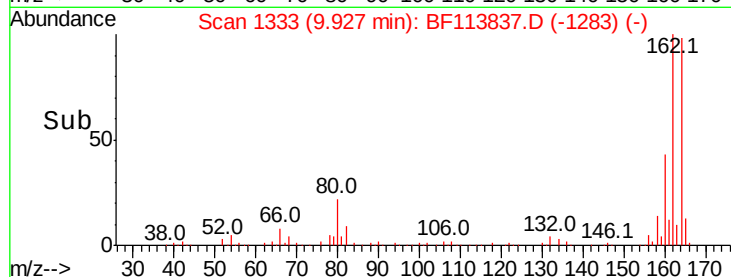
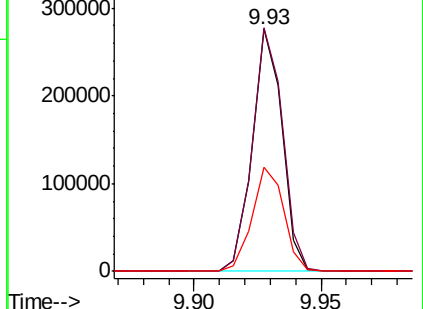
160 43.2 35.8 53.6



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: 43.731 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

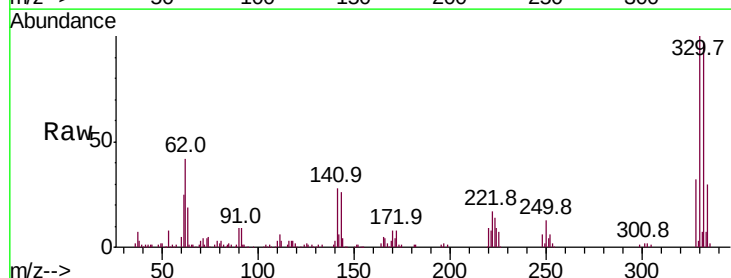
Tgt Ion:330 Resp: 109164

Ion Ratio Lower Upper

330 100

332 98.0 77.5 116.3

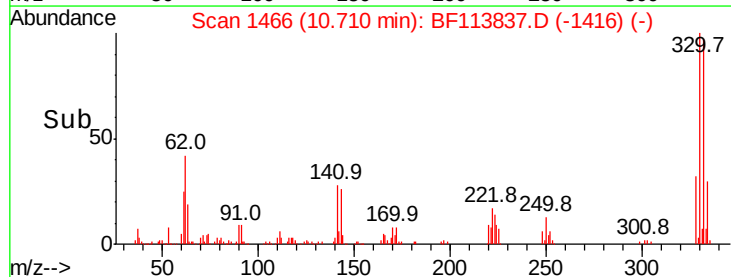
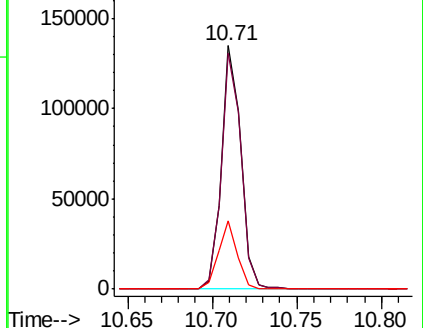
141 27.2 22.2 33.2

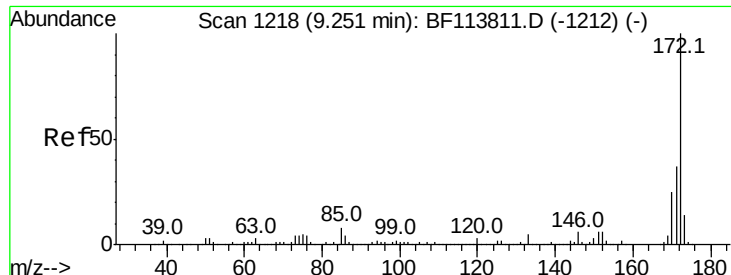


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

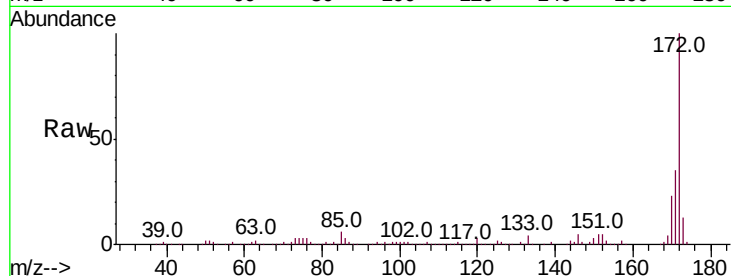




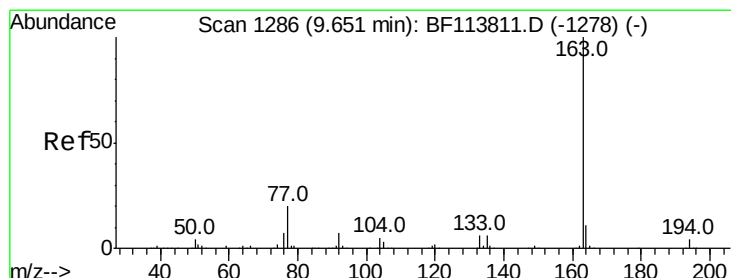
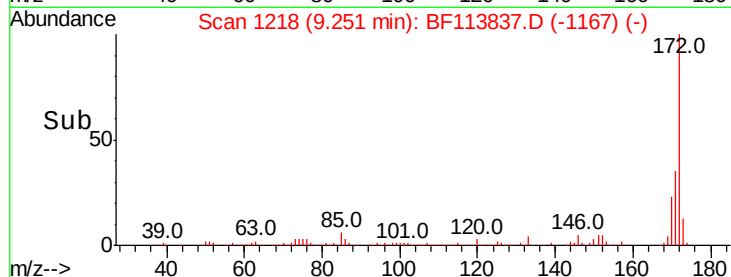
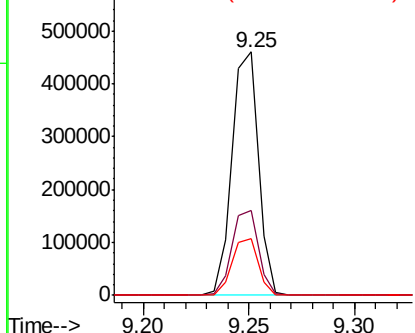
#45
2-Fluorobiphenyl
Concen: 26.760 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 396459
Ion Ratio Lower Upper
172 100
171 35.0 29.4 44.0
170 23.4 19.9 29.9

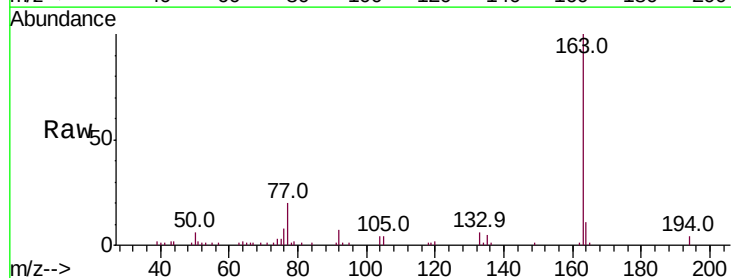


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

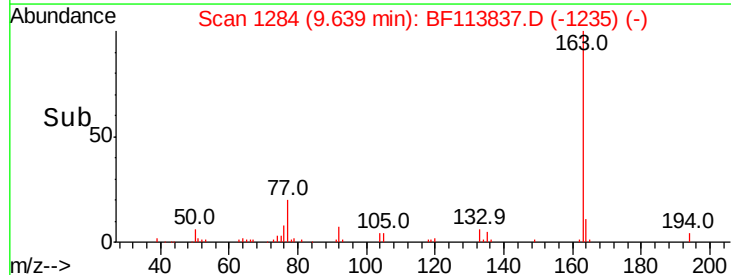
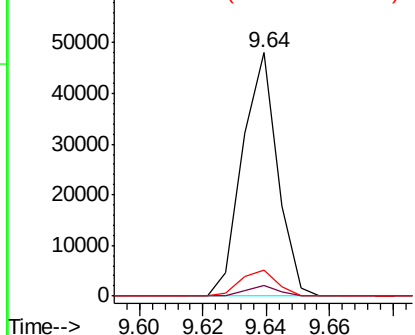


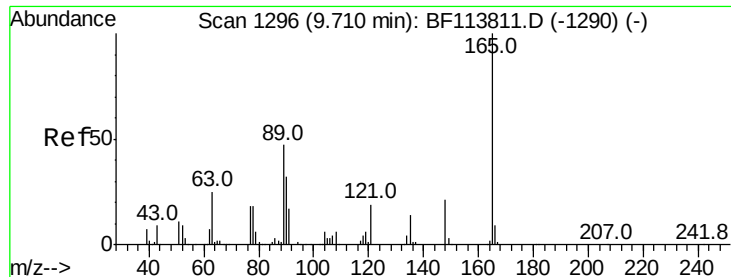
#50
Dimethylphthalate
Concen: 2.323 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Tgt Ion:163 Resp: 36735
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.6 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





#51

2,6-Dinitrotoluene

Concen: 8.328 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.22 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Instrument :

BNA_F

ClientSampleId :

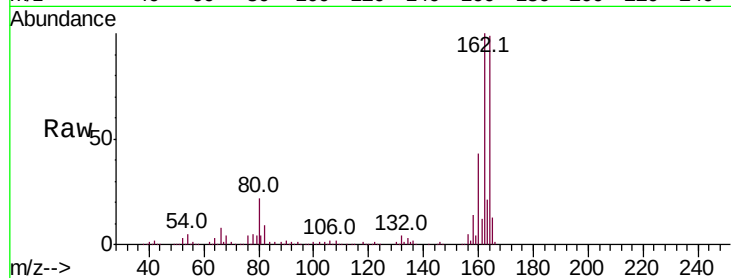
Tot Ion:165 Resp: 29061

Ion Ratio Lower Upper

165 100

63 1.6 33.8 50.8#

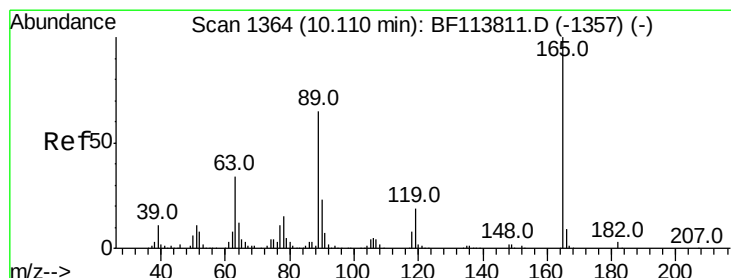
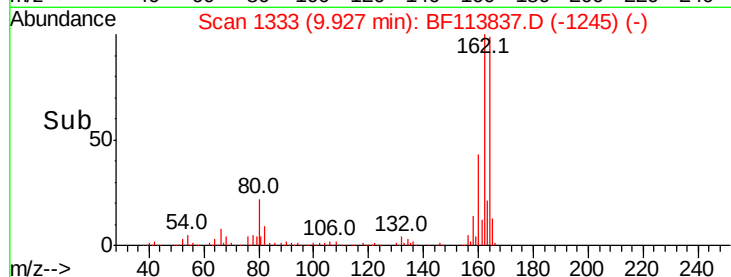
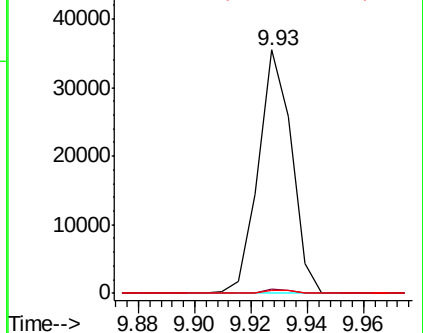
89 1.2 38.2 57.2#



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: 6.713 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.18 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Tgt Ion:165 Resp: 29061

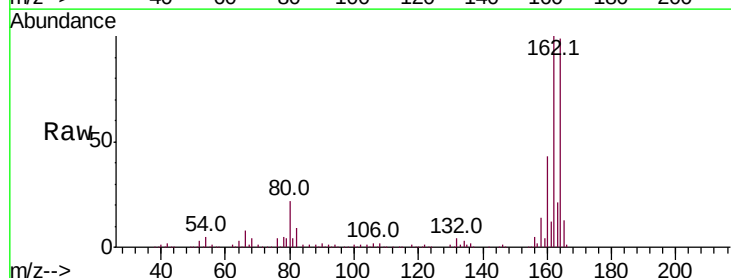
Ion Ratio Lower Upper

165 100

63 1.6 27.4 41.0#

89 1.2 51.8 77.6#

182 0.0 2.2 3.2#

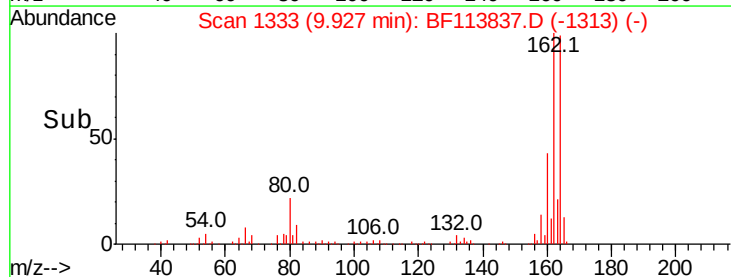
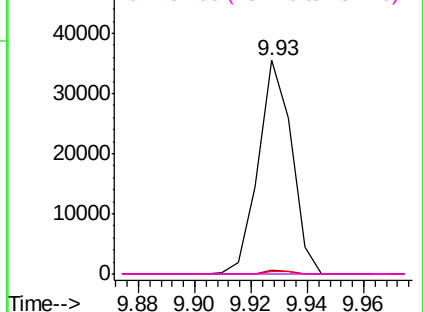


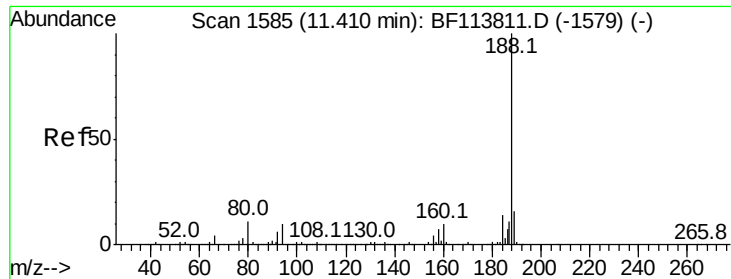
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

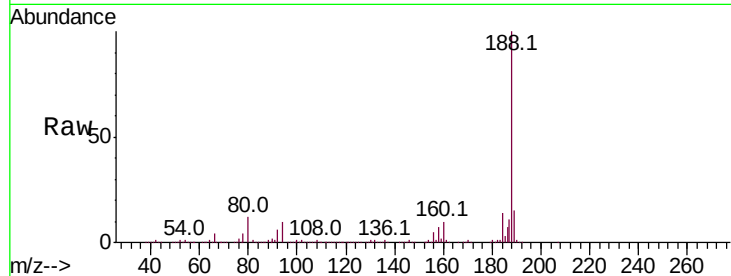




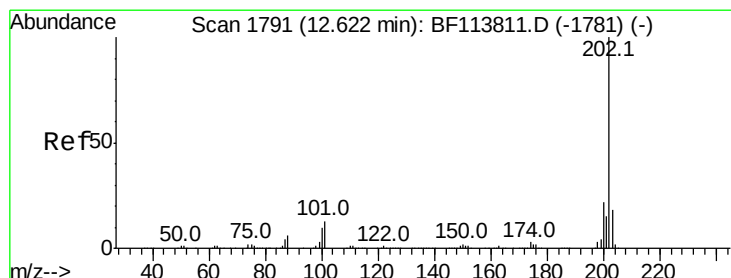
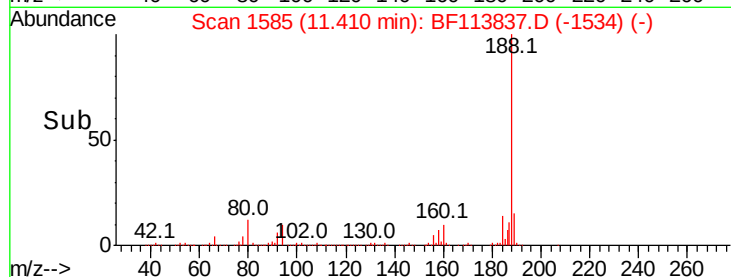
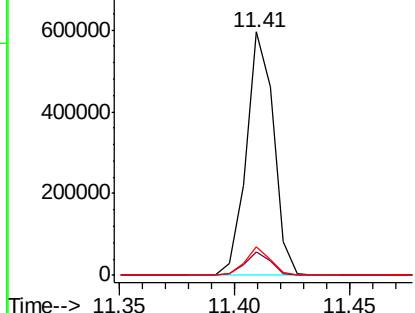
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 491455
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.4
80 11.6 9.0 13.6

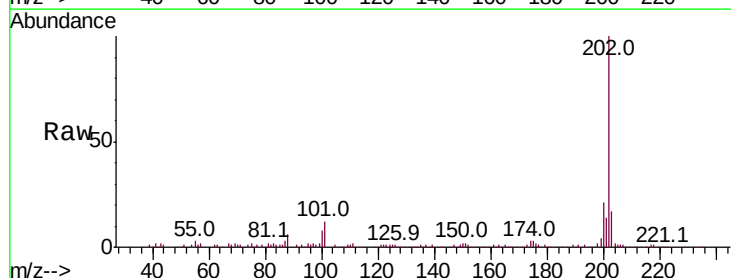


Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

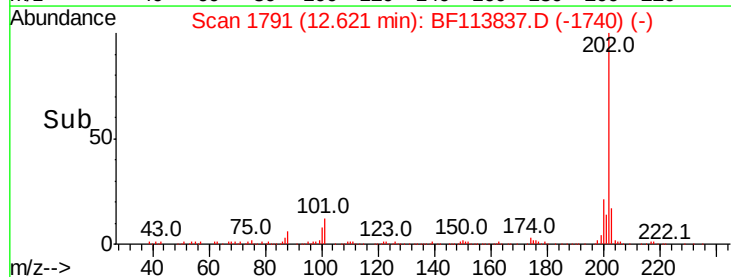
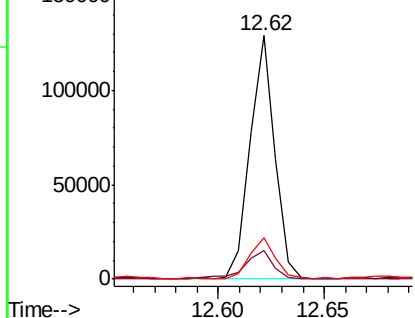


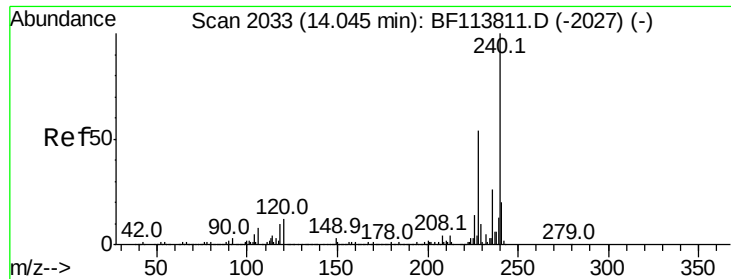
#75
Fluoranthene
Concen: 3.904 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Tgt Ion:202 Resp: 103571
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.9
203 17.0 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
150000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

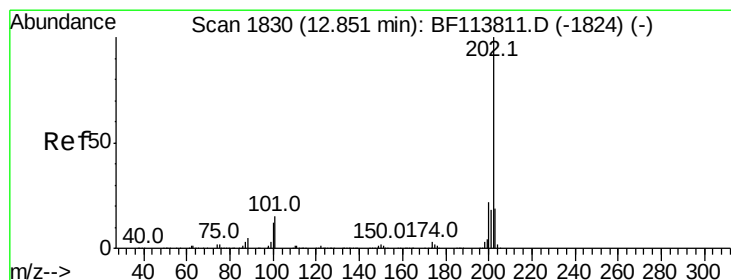
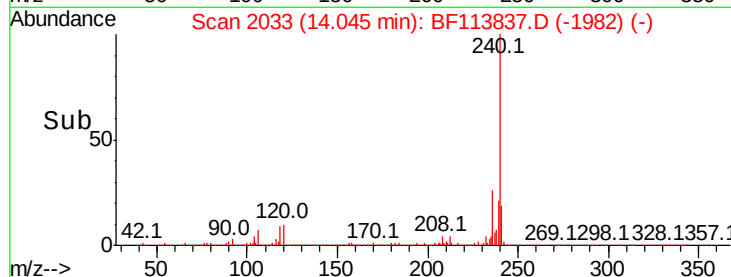
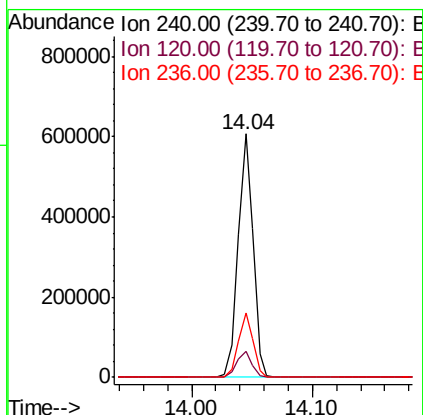
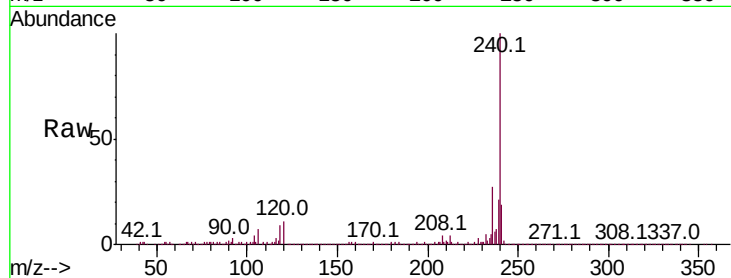




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

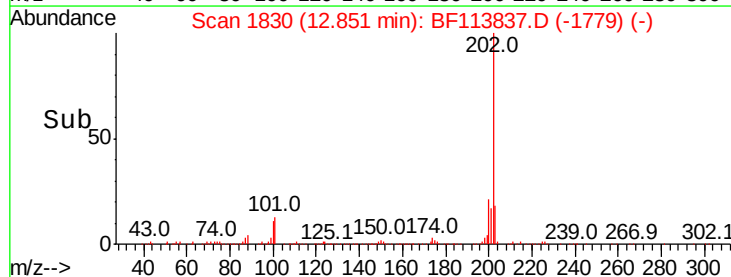
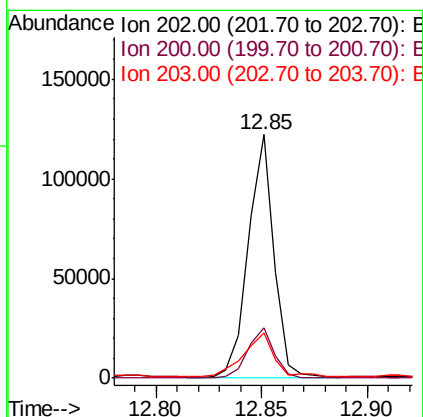
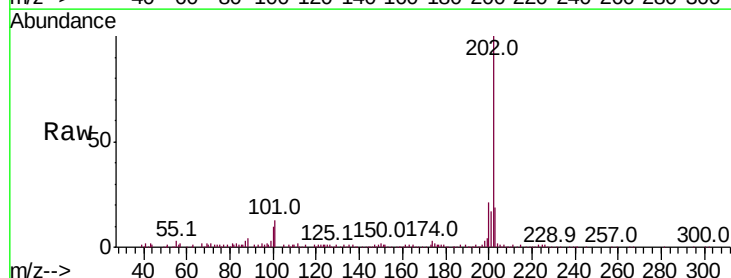
Instrument :
BNA_F
ClientSampleId :

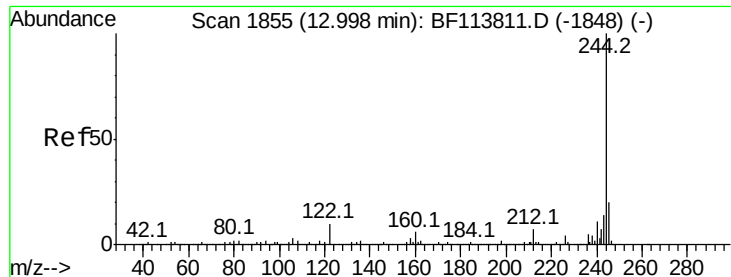
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.3	13.9
236	26.5	21.2	31.8



#78
Pyrene
Concen: 2.755 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.7	26.5
203	18.6	15.0	22.6





#79

Terphenyl-d14

Concen: 24.935 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Instrument :

BNA_F

ClientSampleId :

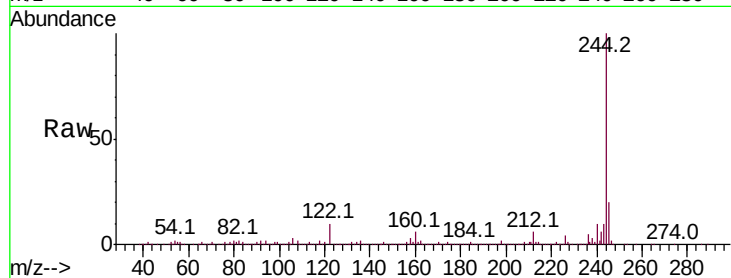
Tot Ion:244 Resp: 626116

Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.2

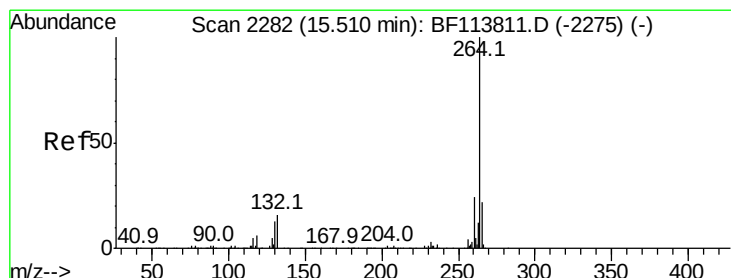
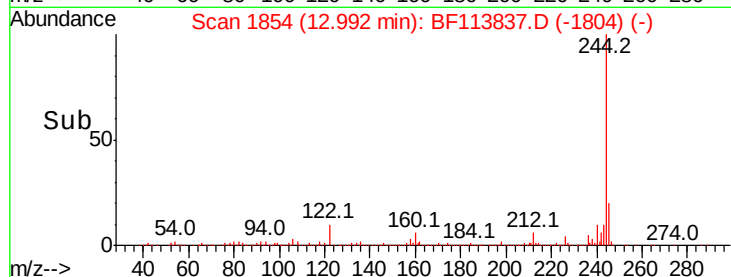
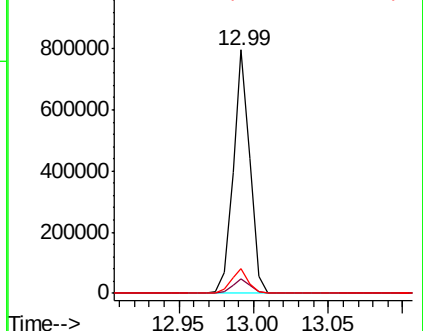
122 10.0 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

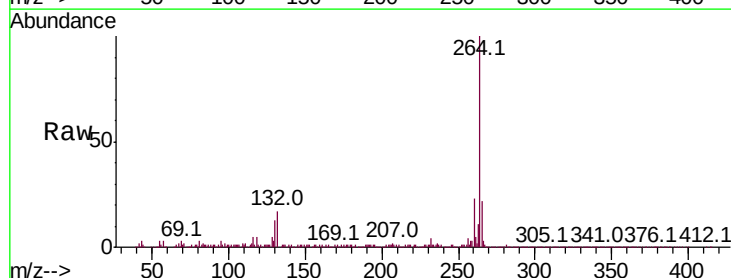
Tgt Ion:264 Resp: 420127

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

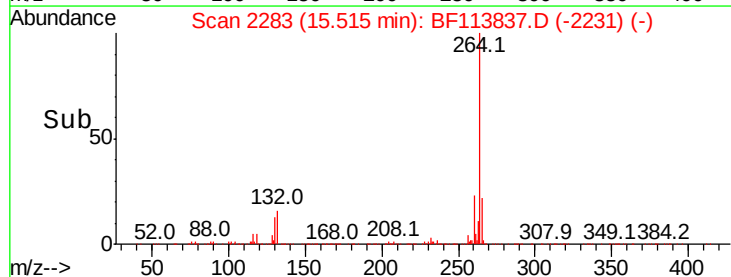
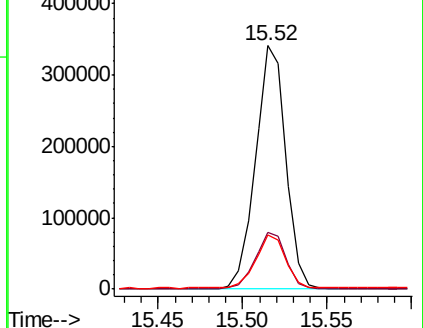
265 22.0 17.3 25.9

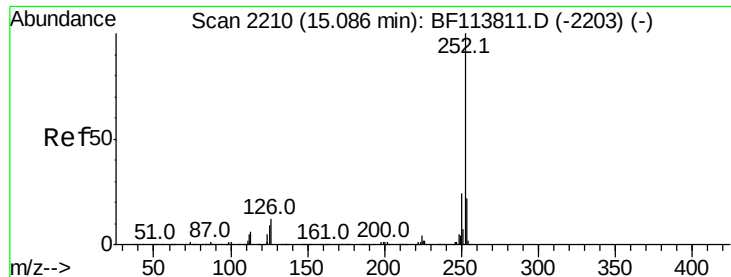


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

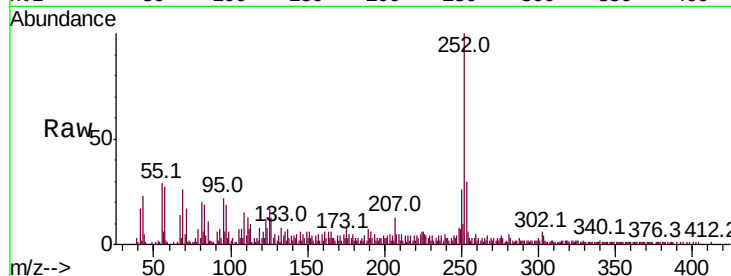




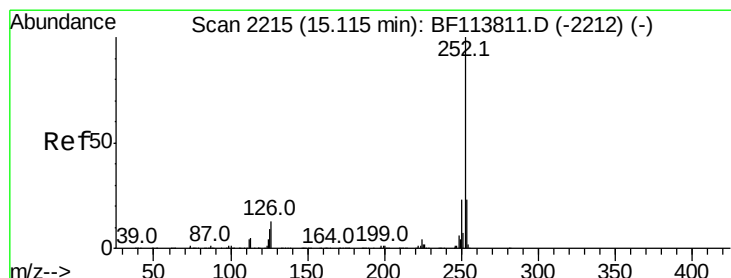
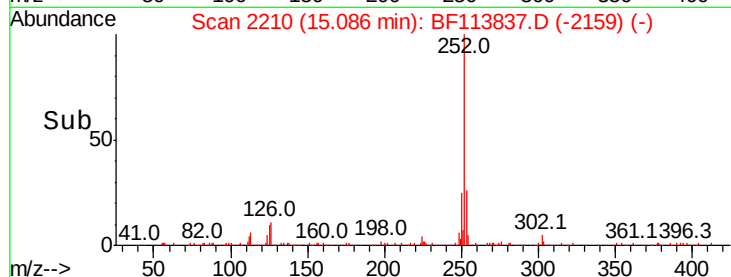
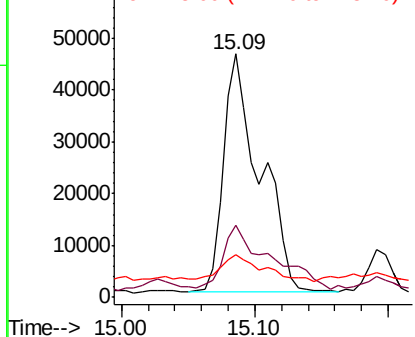
#88
Benzo(b)fluoranthene
Concen: 3.323 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 87043
Ion Ratio Lower Upper
252 100
253 29.7 17.8 26.6#
125 17.4 7.0 10.6#

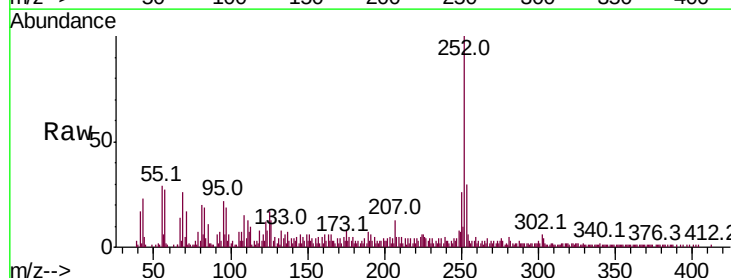


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 3.649 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Tgt Ion:252 Resp: 87043
Ion Ratio Lower Upper
252 100
253 29.7 18.2 27.2#
125 17.4 7.4 11.2#



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

