

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109558.D
 Acq On : 3 Oct 2018 20:29
 Operator : JU/SJ
 Sample : J5218-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-356

Quant Time: Oct 04 02:19:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

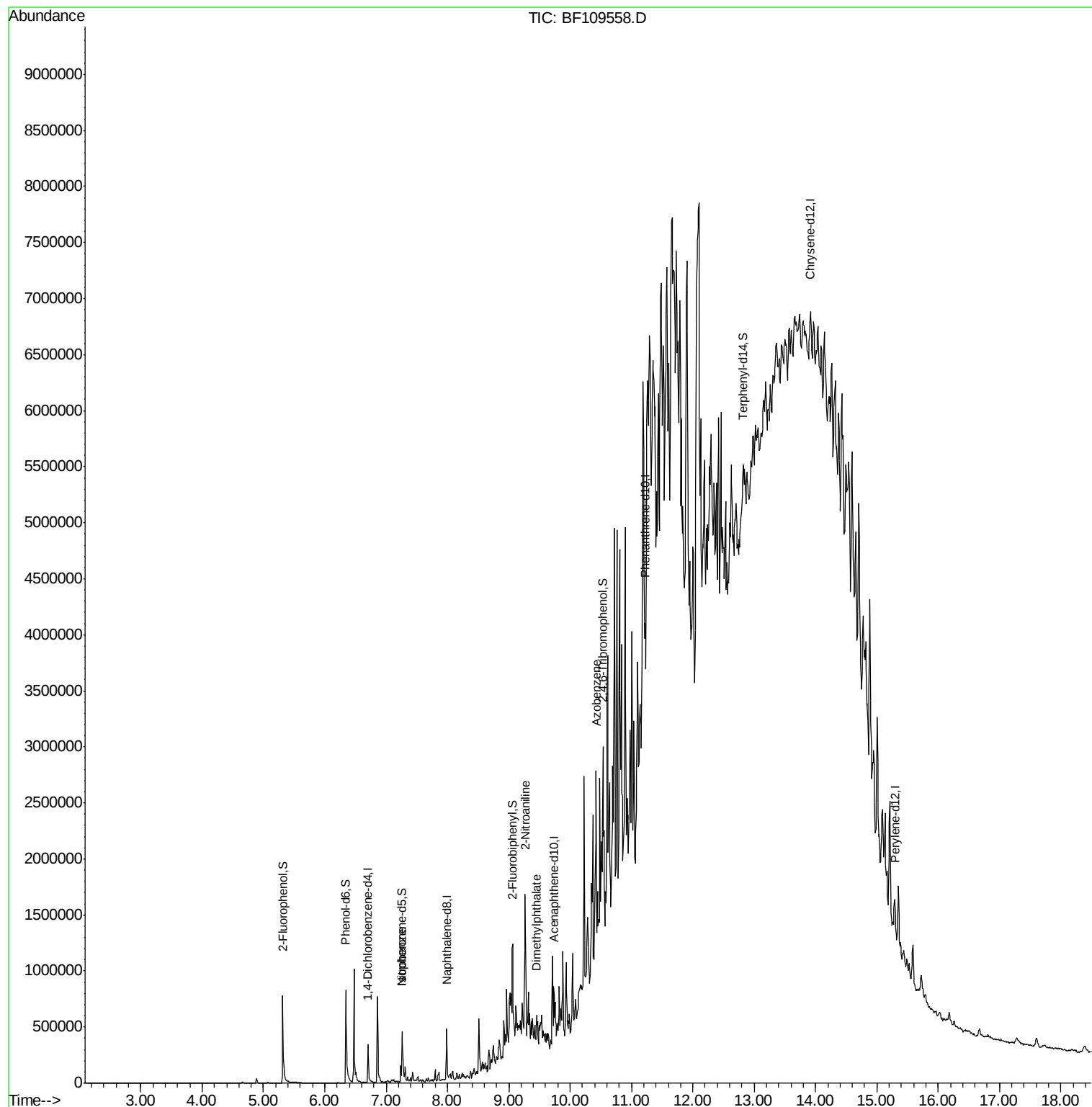
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	64754	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	229196	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	92454	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	149211	20.00	ng	0.01
75) Chrysene-d12	13.90	240	77354	20.00	ng	0.06
86) Perylene-d12	15.30	264	94189	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	281220	71.53	ng	0.00
7) Phenol-d6	6.35	99	365337	72.82	ng	-0.01
23) Nitrobenzene-d5	7.26	82	195962	50.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	62441	68.51	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	349765	57.06	ng	-0.01
78) Terphenyl-d14	12.83	244	232689	73.82	ng	0.02
Target Compounds						
25) Isophorone	7.26	82	180748	25.852	ng	# 64
47) 2-Nitroaniline	9.26	65	3902	2.287	ng	# 19
49) Dimethylphthalate	9.46	163	112176	16.682	ng	98
62) Azobenzene	10.42	77	24184	3.418	ng	# 1

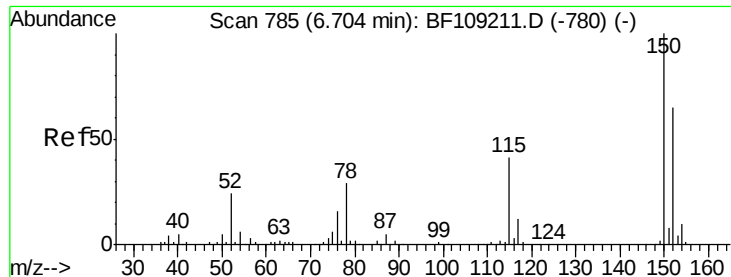
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
Data File : BF109558.D
Acq On : 3 Oct 2018 20:29
Operator : JU/SJ
Sample : J5218-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
280-356

Quant Time: Oct 04 02:19:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

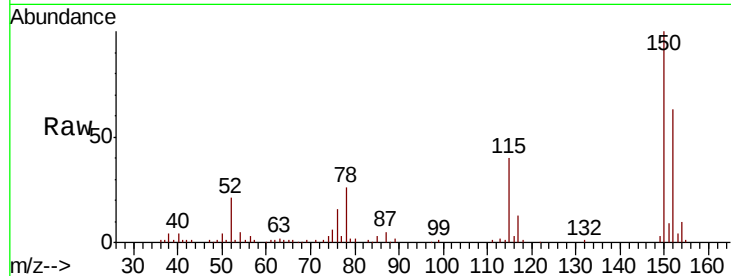




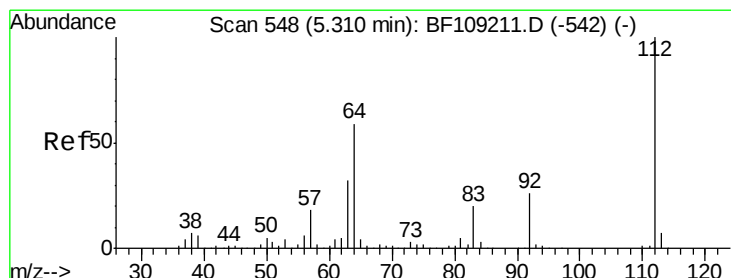
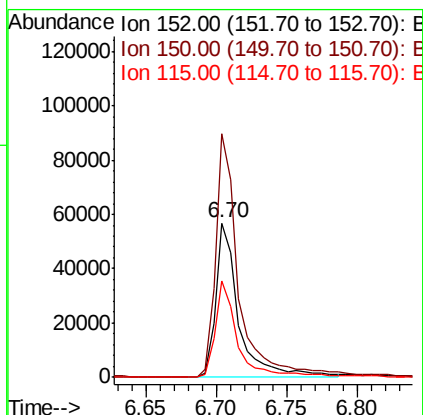
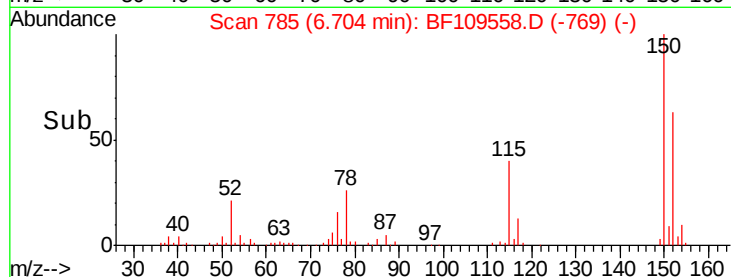
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109558.D
 Acq: 3 Oct 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 280-356

Tgt Ion:152 Resp: 64754
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 62.7 50.1 75.1

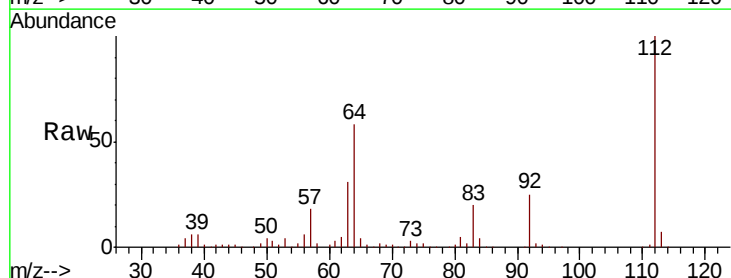


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

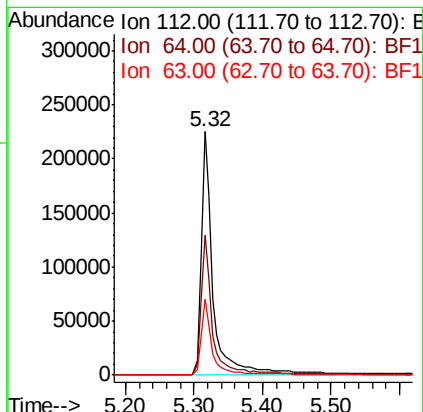
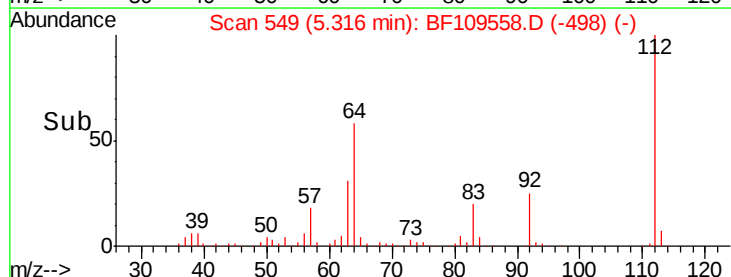


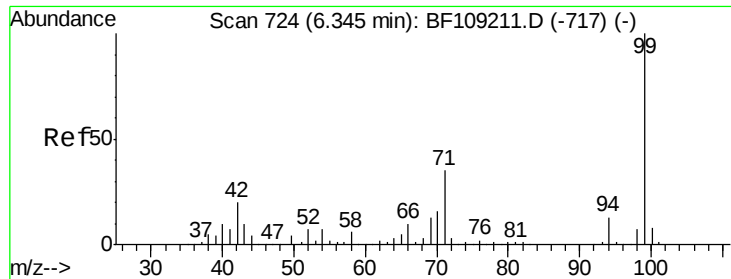
#5
 2-Fluorophenol
 Concen: 71.531 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109558.D
 Acq: 3 Oct 2018 20:29

Tgt Ion:112 Resp: 281220
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.9 71.9
 63 31.0 23.7 35.5



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





#7

Phenol-d6

Concen: 72.825 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109558.D

Acq: 3 Oct 2018 20:29

Instrument :

BNA_F

ClientSampleId :

280-356

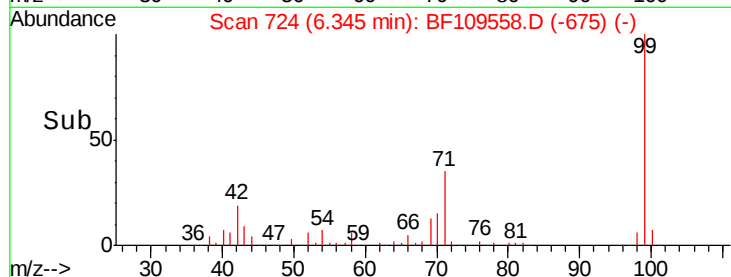
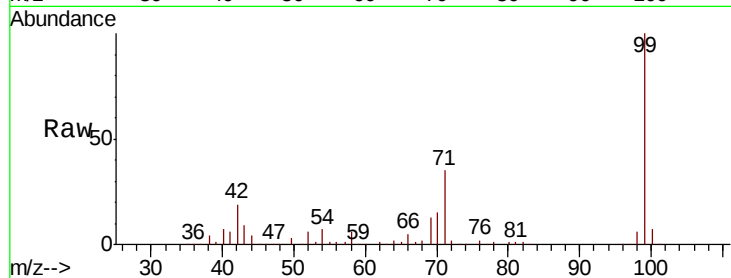
Tgt Ion: 99 Resp: 365337

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

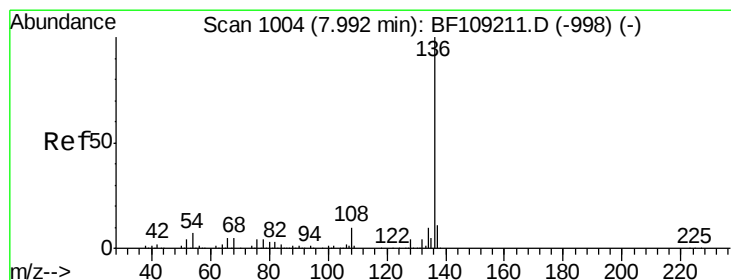
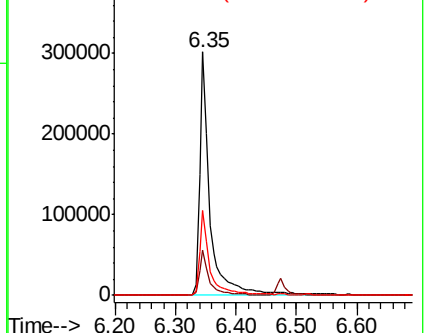
71 35.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109558.D

Acq: 3 Oct 2018 20:29

Tgt Ion: 136 Resp: 229196

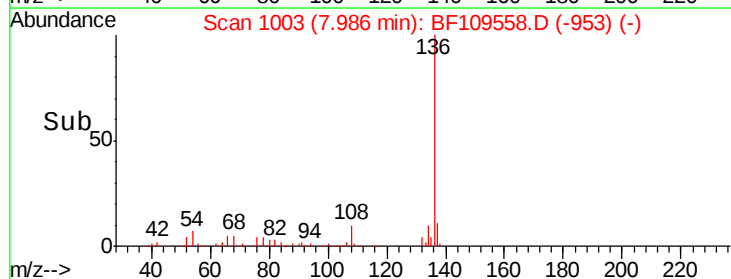
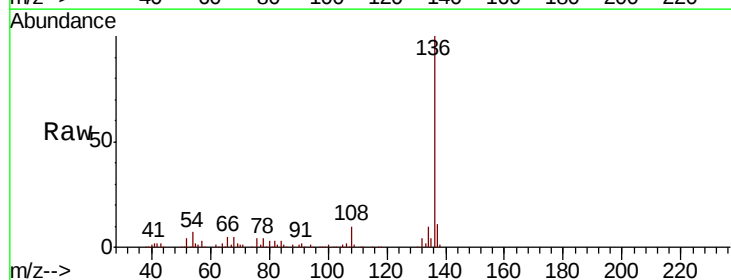
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 5.2 5.0 7.4

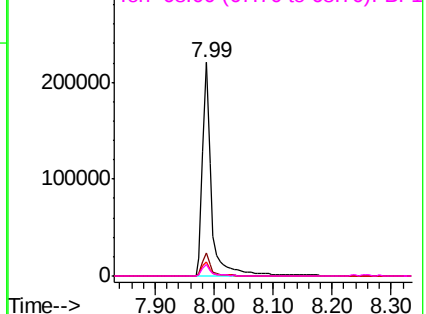


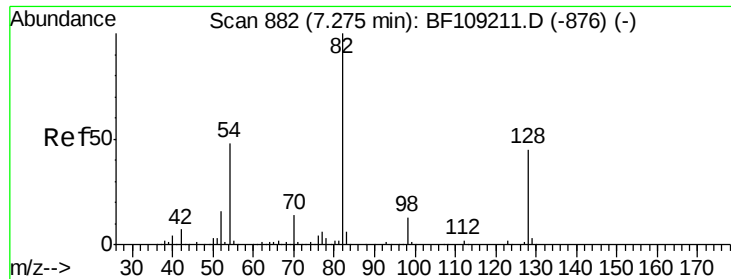
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

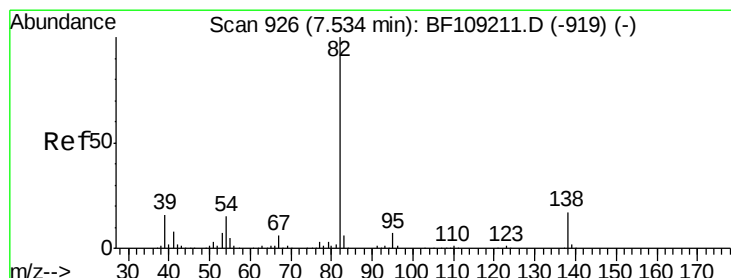
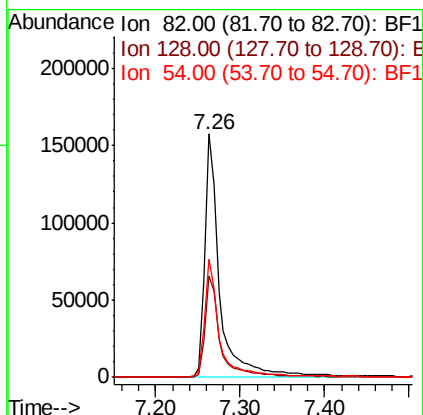
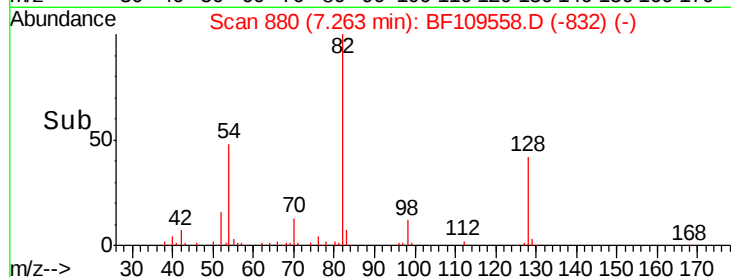
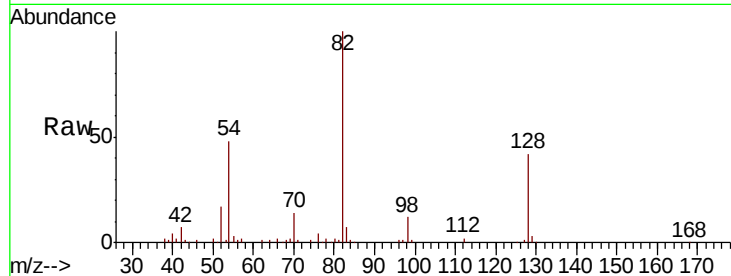




#23
 Nitrobenzene-d5
 Concen: 50.472 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109558.D
 Acq: 3 Oct 2018 20:29

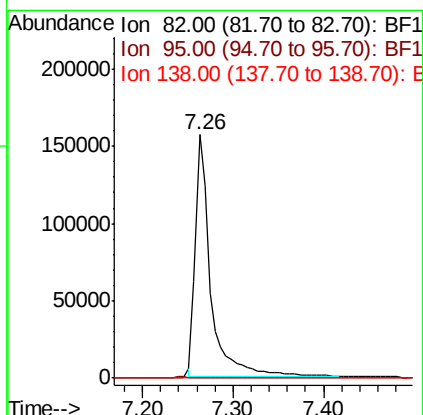
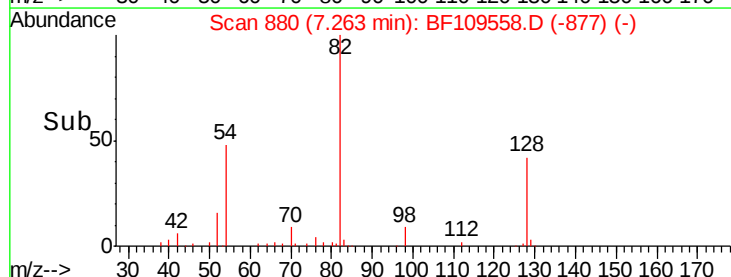
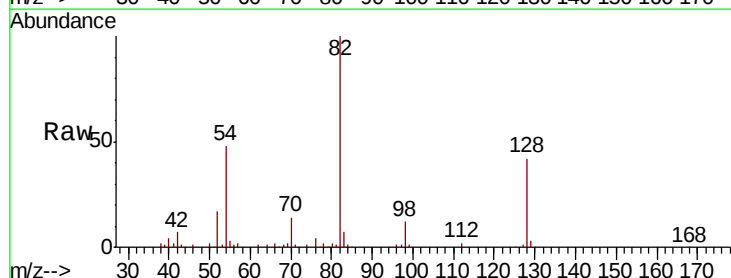
Instrument :
 BNA_F
 ClientSampleId :
 280-356

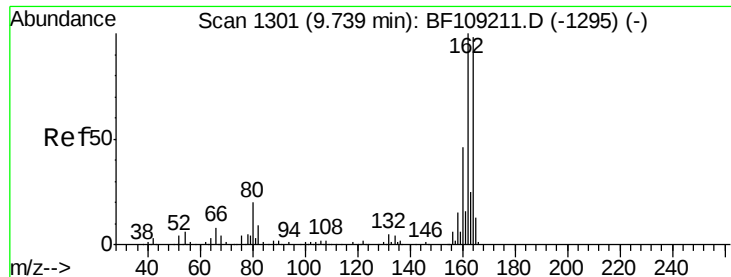
Tgt Ion: 82 Resp: 195962
 Ion Ratio Lower Upper
 82 100
 128 41.6 36.1 54.1
 54 48.4 41.4 62.2



#25
 Isophorone
 Concen: 25.852 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109558.D
 Acq: 3 Oct 2018 20:29

Tgt Ion: 82 Resp: 180748
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

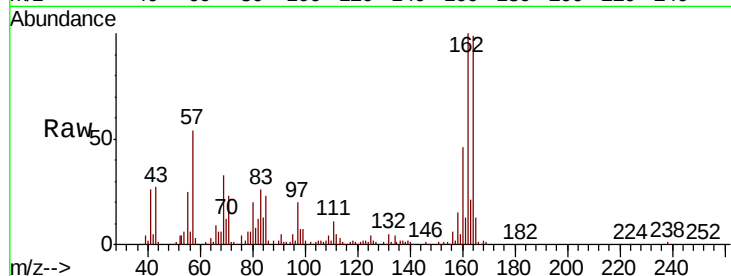




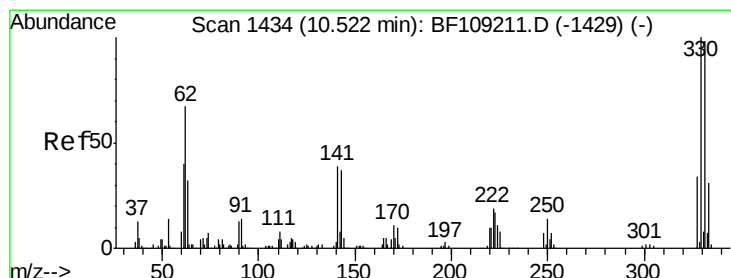
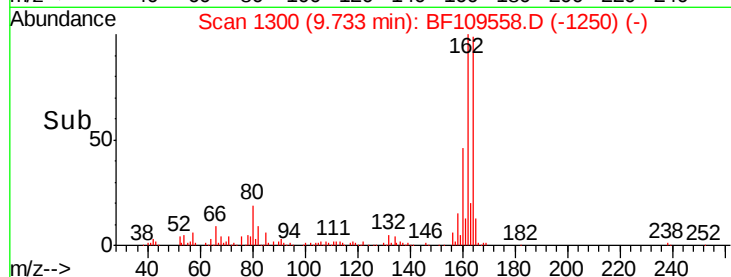
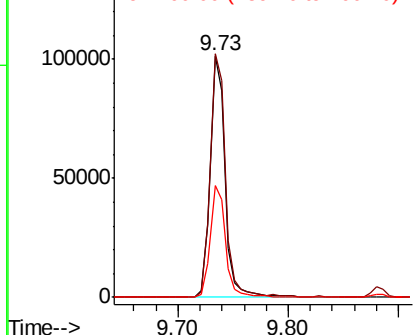
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109558.D
 Acq: 3 Oct 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 280-356

Tgt Ion:164 Resp: 92454
 Ion Ratio Lower Upper
 164 100
 162 100.8 86.1 129.1
 160 46.4 38.3 57.5

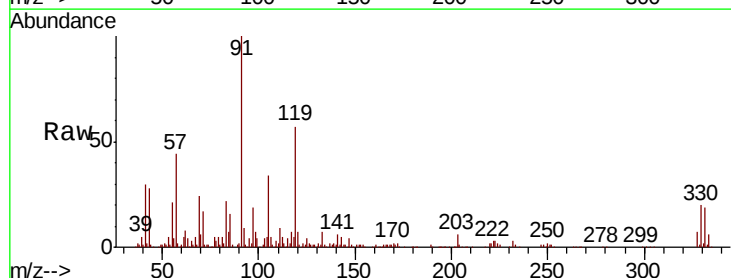


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

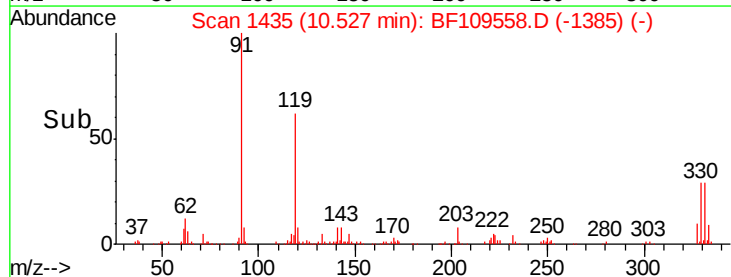
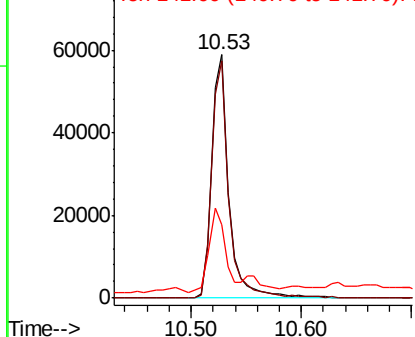


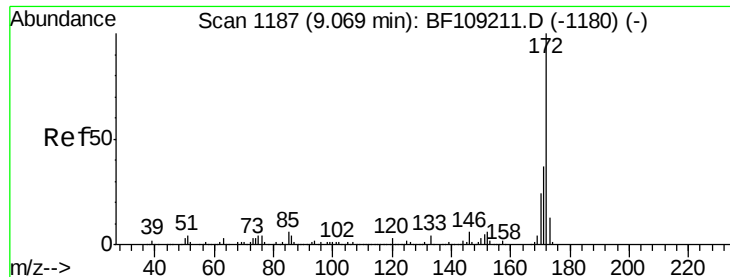
#41
 2,4,6-Tribromophenol
 Concen: 68.511 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109558.D
 Acq: 3 Oct 2018 20:29

Tgt Ion:330 Resp: 62441
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 33.1 29.9 44.9



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

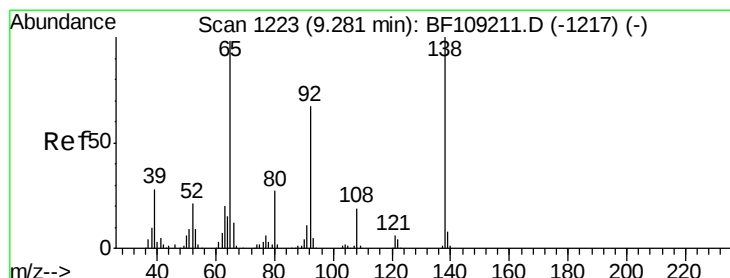
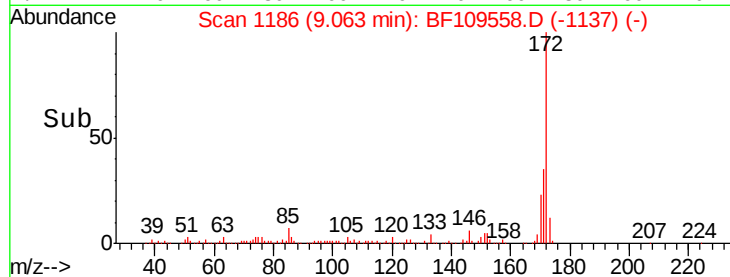
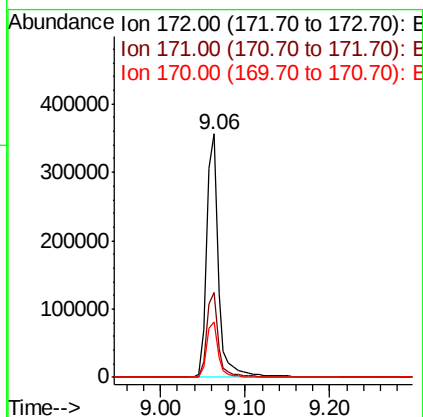
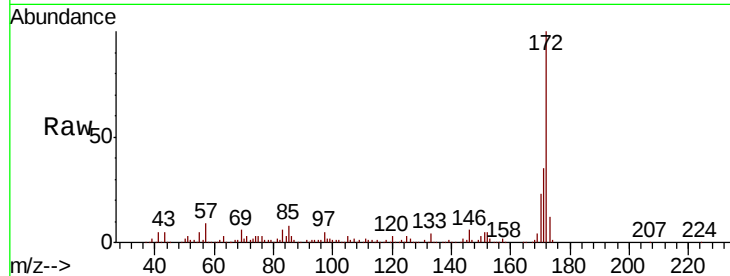




#44
 2-Fluorobiphenyl
 Concen: 57.057 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109558.D
 Acq: 3 Oct 2018 20:29

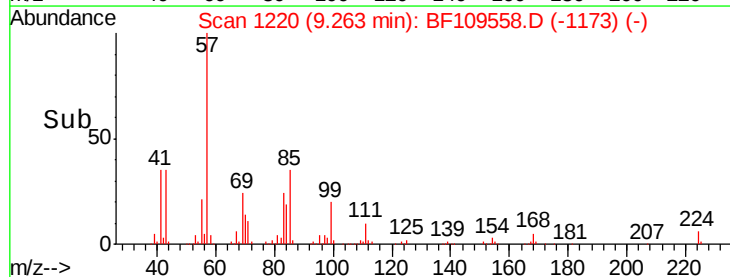
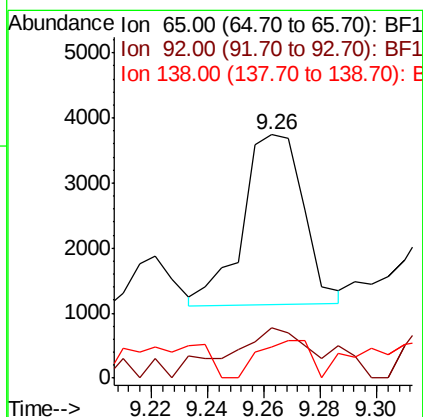
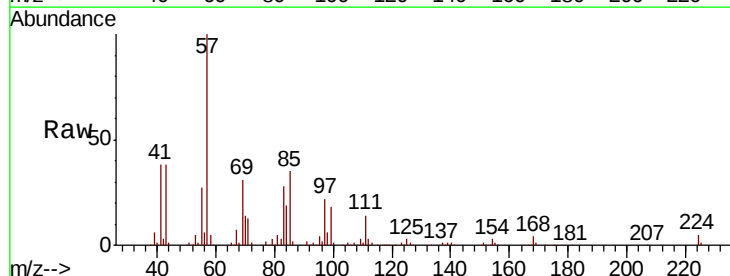
Instrument :
 BNA_F
 ClientSampleId :
 280-356

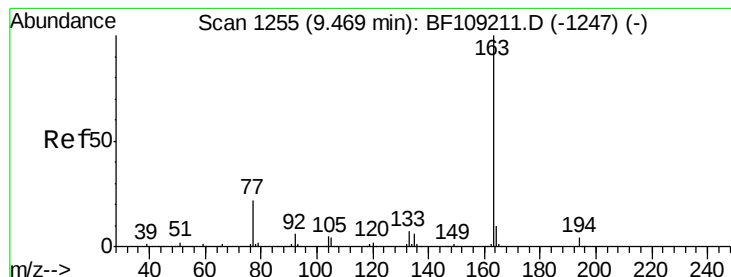
Tgt Ion: 172 Resp: 349765
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.7 44.5
 170 23.0 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.287 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF109558.D
 Acq: 3 Oct 2018 20:29

Tgt Ion: 65 Resp: 3902
 Ion Ratio Lower Upper
 65 100
 92 20.7 55.8 83.6#
 138 12.9 91.2 136.8#





#49

Dimethylphthalate

Concen: 16.682 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109558.D

Acq: 3 Oct 2018 20:29

Instrument :

BNA_F

ClientSampleId :

280-356

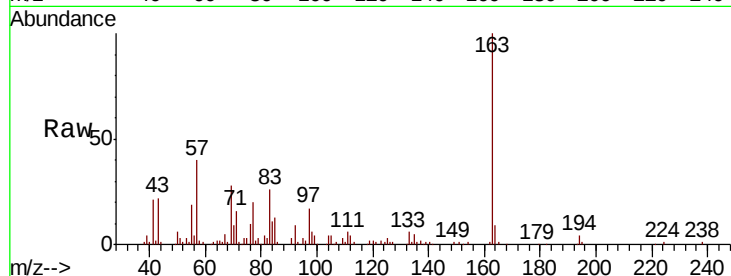
Tgt Ion: 163 Resp: 112176

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

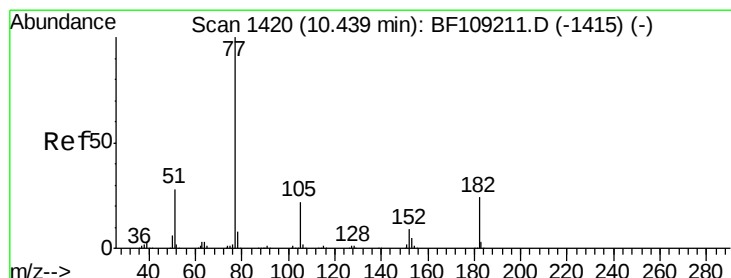
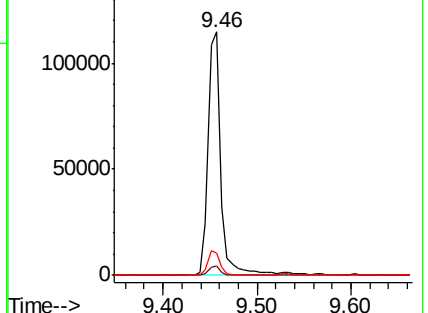
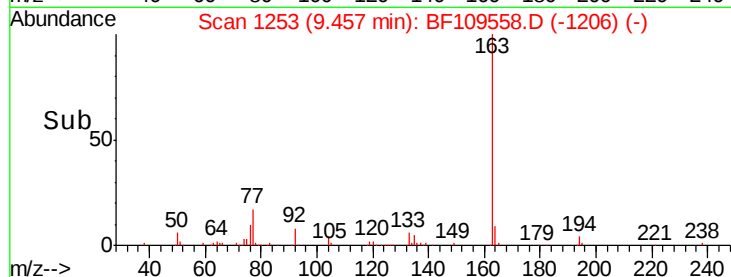
164 9.4 8.2 12.2



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



#62

Azobenzene

Concen: 3.418 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF109558.D

Acq: 3 Oct 2018 20:29

Tgt Ion: 77 Resp: 24184

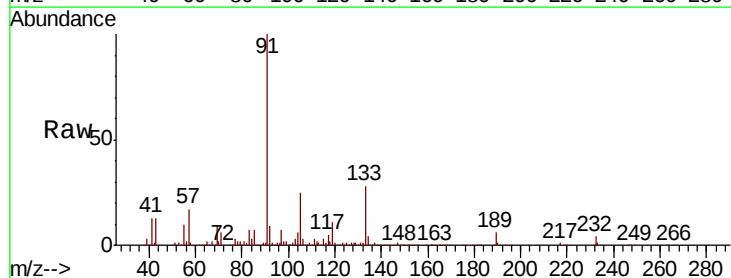
Ion Ratio Lower Upper

77 100

182 5.7 1.7 41.7

105 764.9 3.0 43.0#

51 28.4 9.9 49.9

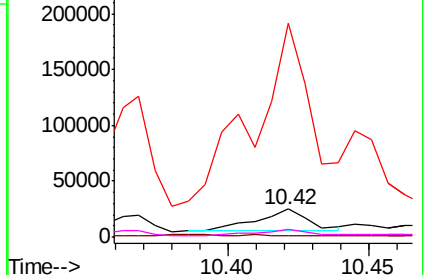
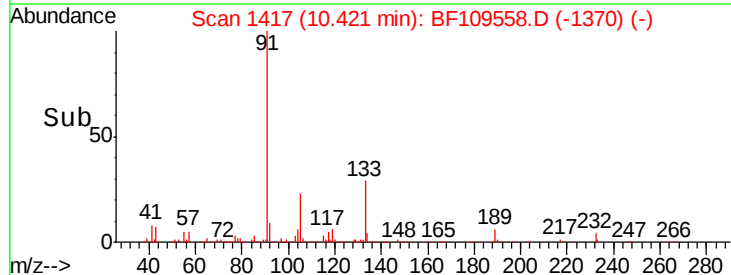


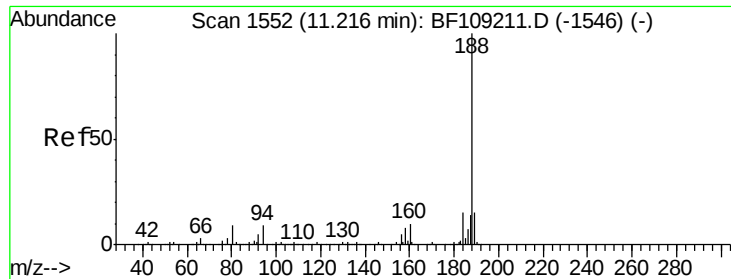
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

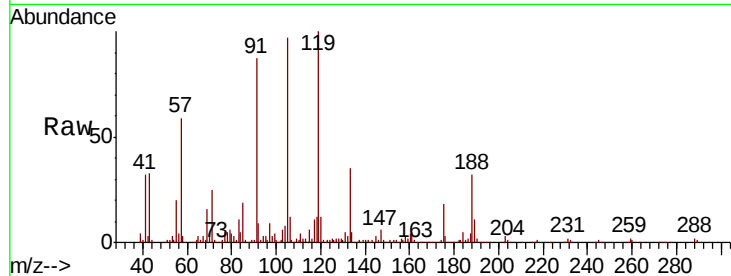




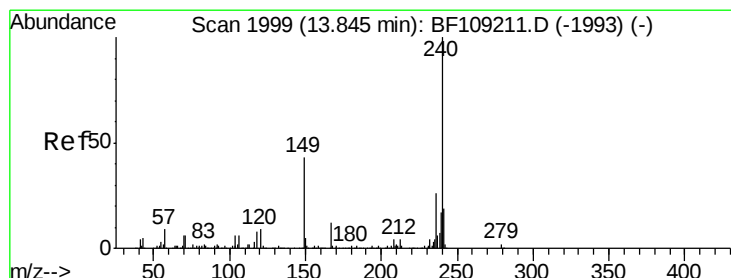
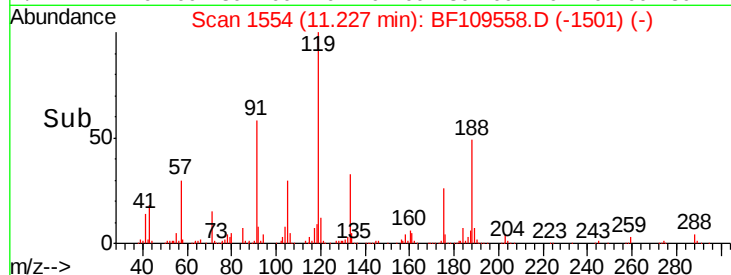
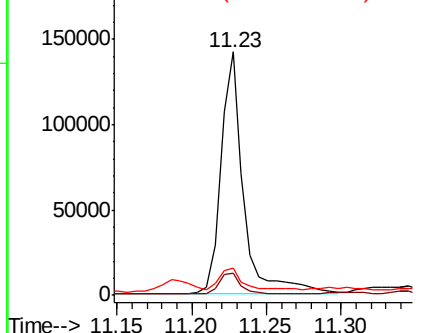
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF109558.D
Acq: 3 Oct 2018 20:29

Instrument :
BNA_F
ClientSampleId :
280-356

Tgt Ion:188 Resp: 149211
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 11.1 9.2 13.8

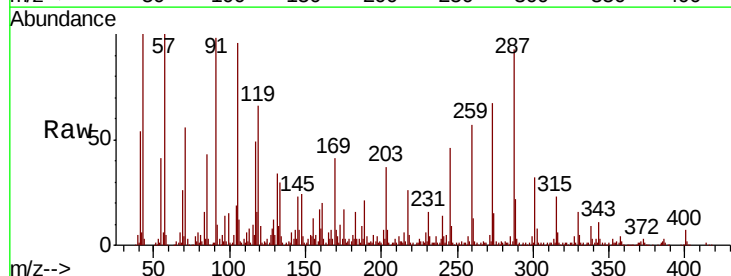


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

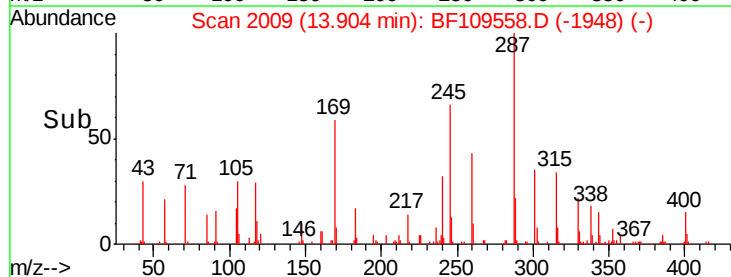
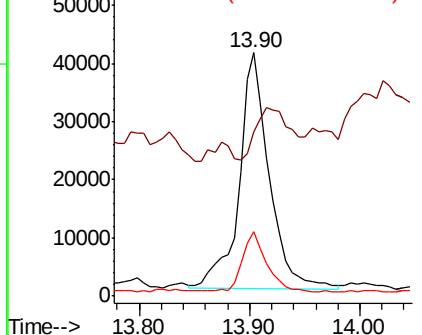


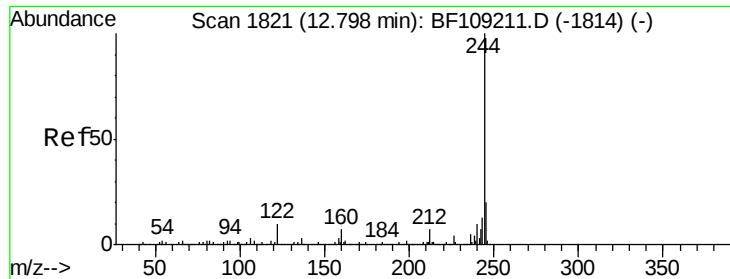
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.06 min
Lab File: BF109558.D
Acq: 3 Oct 2018 20:29

Tgt Ion:240 Resp: 77354
Ion Ratio Lower Upper
240 100
120 67.3 9.5 14.3#
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.824 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.02 min

Lab File: BF109558.D

Acq: 3 Oct 2018 20:29

Instrument :

BNA_F

ClientSampleId :

280-356

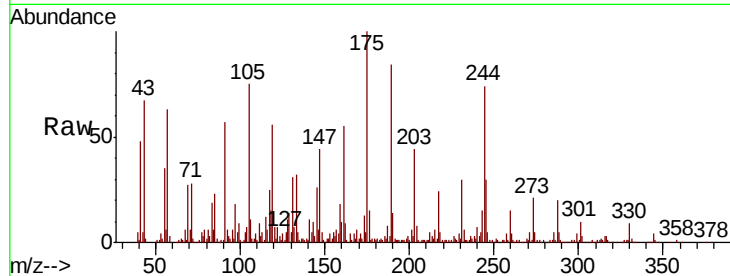
Tgt Ion:244 Resp: 232689

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

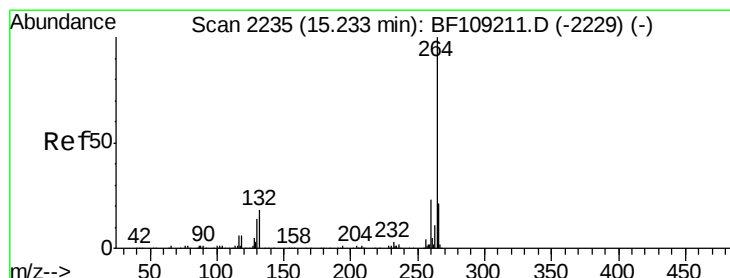
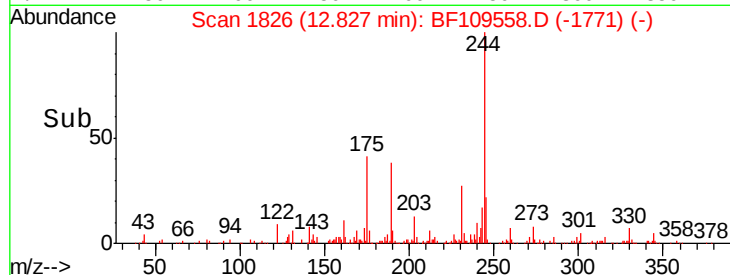
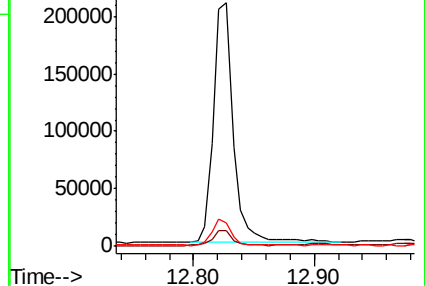
122 9.6 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.06 min

Lab File: BF109558.D

Acq: 3 Oct 2018 20:29

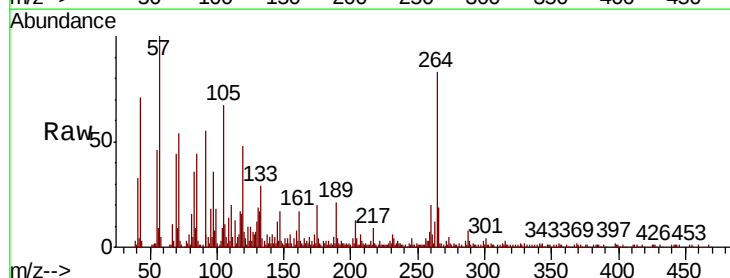
Tgt Ion:264 Resp: 94189

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

