

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109005.D
 Acq On : 14 Sep 2018 19:58
 Operator : JU/SJ
 Sample : J4906-29
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2

Quant Time: Sep 15 00:09:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

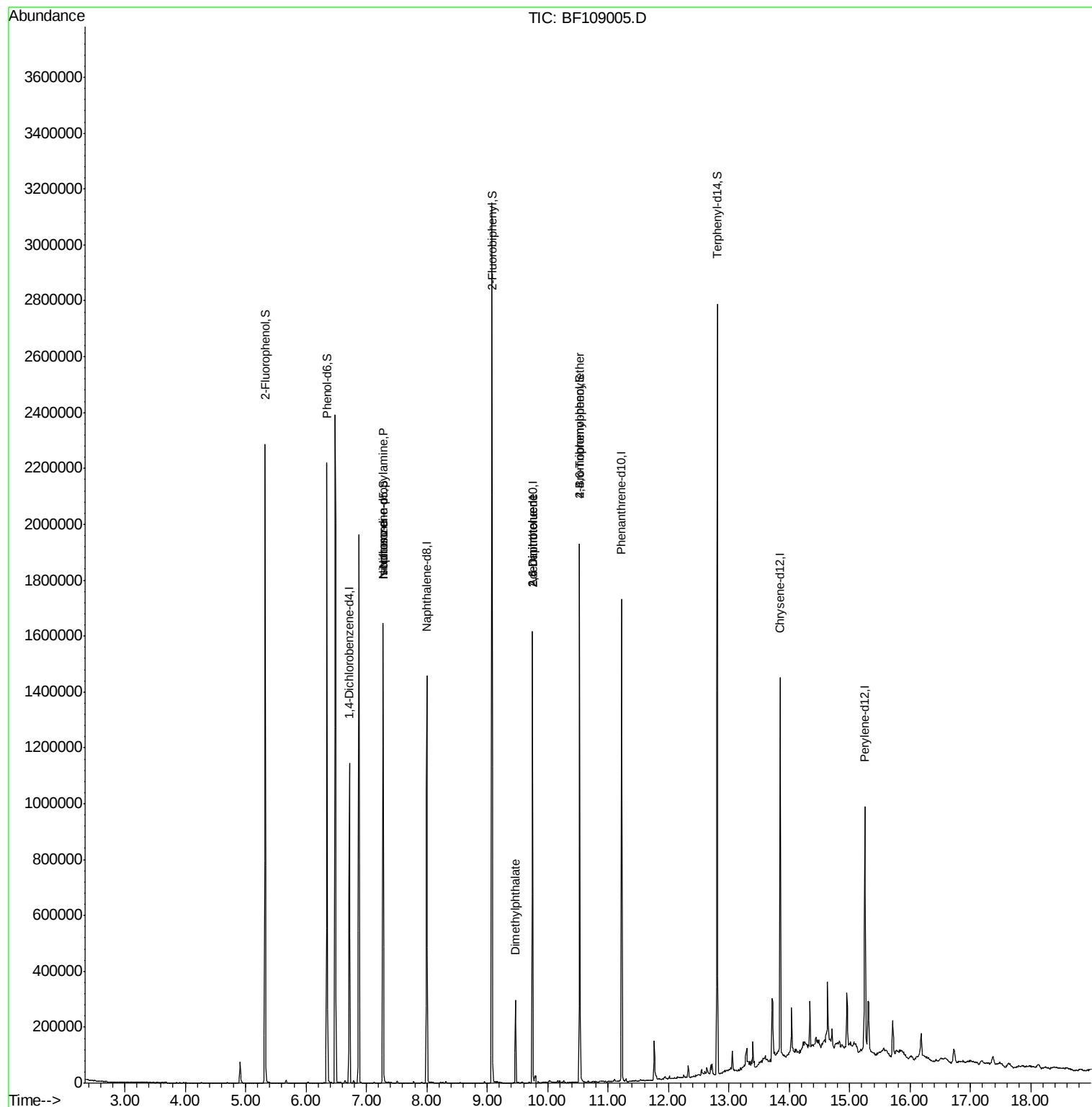
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151587	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	602342	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	299481	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	599949	20.00	ng	0.00
75) Chrysene-d12	13.85	240	441734	20.00	ng	-0.01
86) Perylene-d12	15.25	264	392609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	616798	67.58	ng	0.00
7) Phenol-d6	6.35	99	805427	68.44	ng	-0.01
23) Nitrobenzene-d5	7.28	82	504587	46.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	231277	71.16	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	901477	47.16	ng	0.00
78) Terphenyl-d14	12.81	244	934369	50.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	66743	8.580	ng	# 75
25) Isophorone	7.28	82	501421	27.162	ng	# 64
49) Dimethylphthalate	9.47	163	111596	5.214	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	37754	7.953	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	37754	6.082	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	13944	2.062	ng	# 1

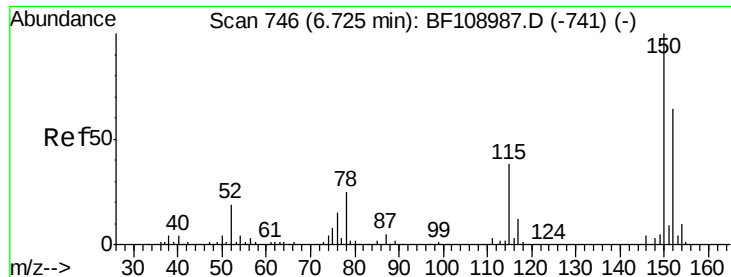
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2

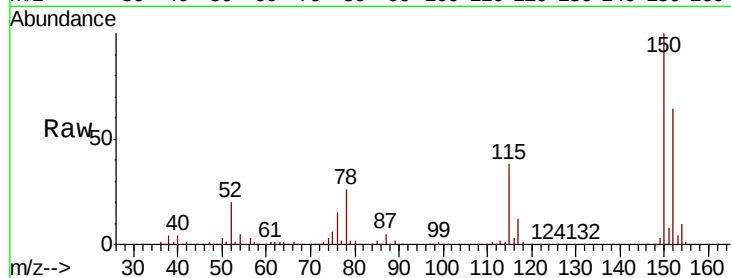
Tgt Ion:152 Resp: 151587

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

115 58.9 50.1 75.1

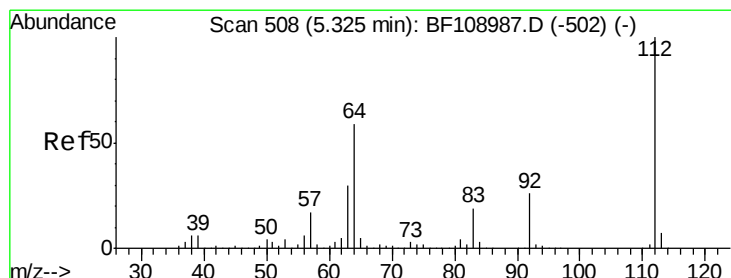
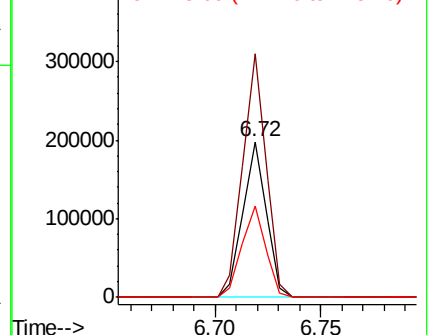
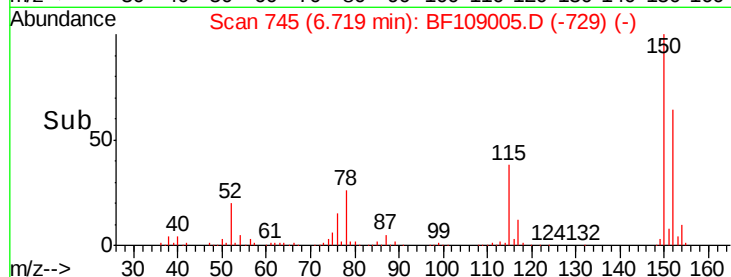


Abundance

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: 67.580 ng

RT: 5.32 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

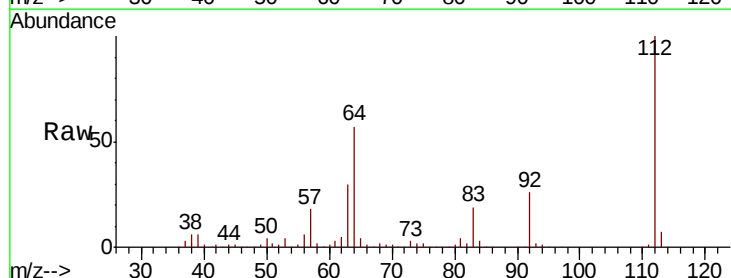
Tgt Ion:112 Resp: 616798

Ion Ratio Lower Upper

112 100

64 57.2 47.9 71.9

63 29.7 23.7 35.5

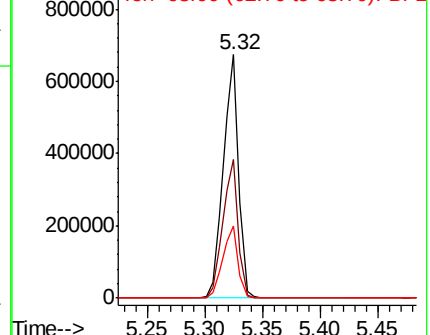
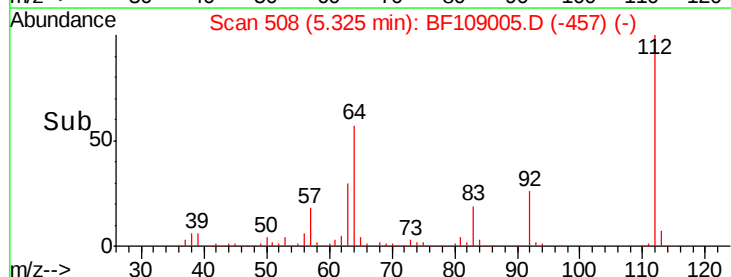


Abundance

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: 68.438 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

Instrument :

BNA_F

ClientSampled :

SP-PIT-2

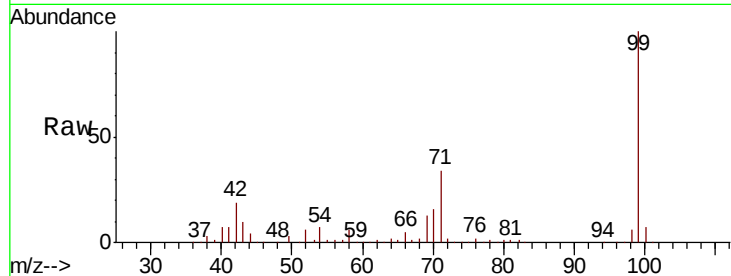
Tgt Ion: 99 Resp: 805427

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

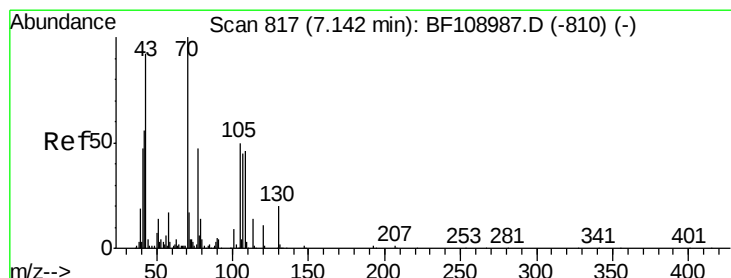
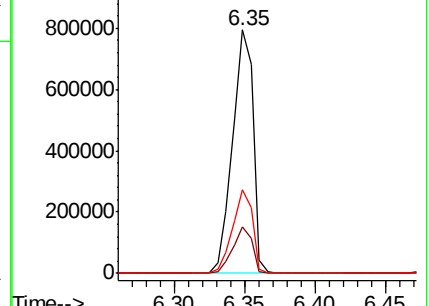
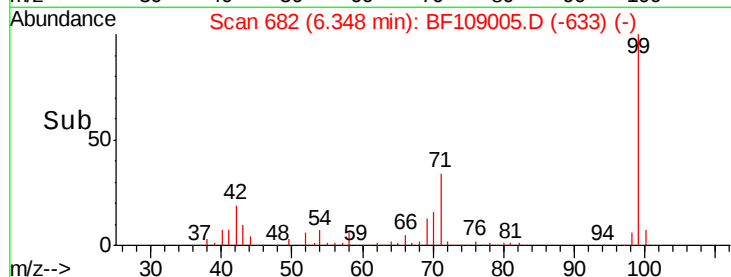
71 34.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.580 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

Tgt Ion: 70 Resp: 66743

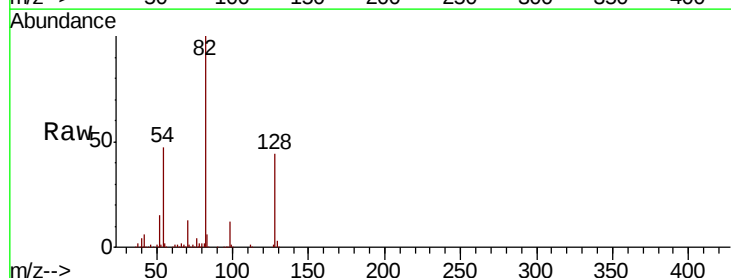
Ion Ratio Lower Upper

70 100

42 44.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

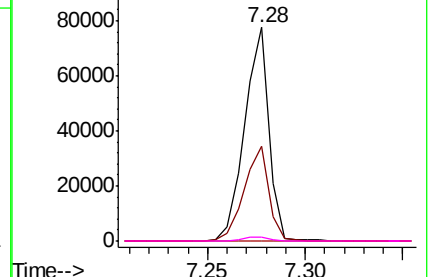
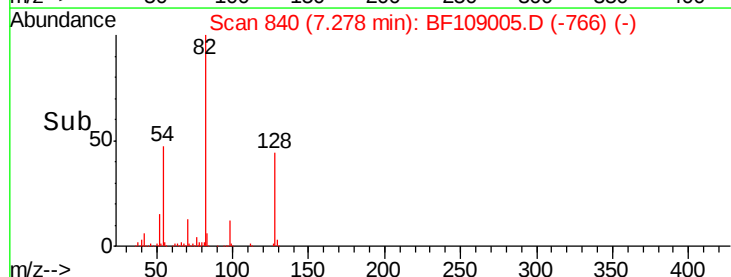


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2

Tgt Ion:136 Resp: 602342

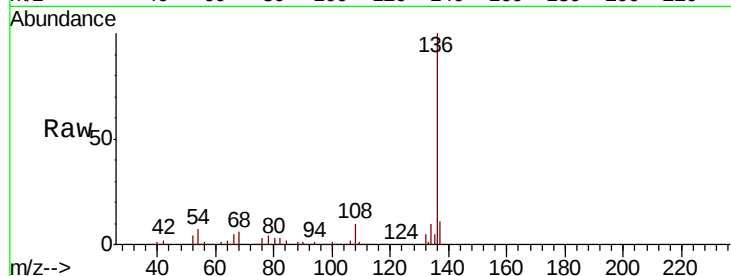
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 5.9 5.0 7.4

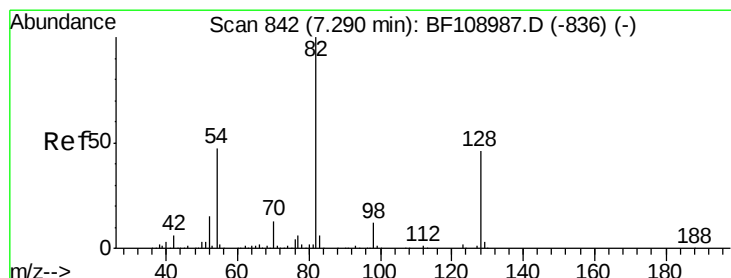
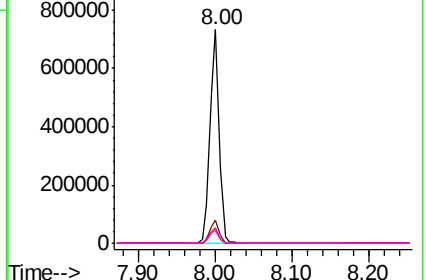
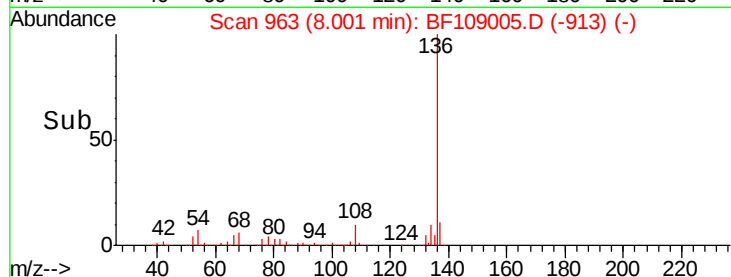


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.986 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

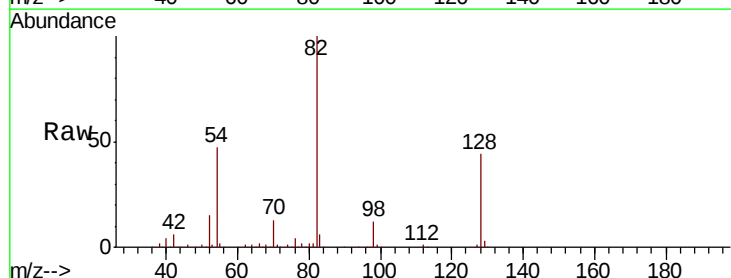
Tgt Ion: 82 Resp: 504587

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

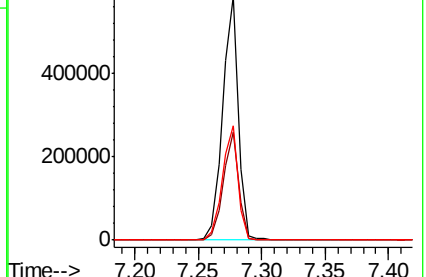
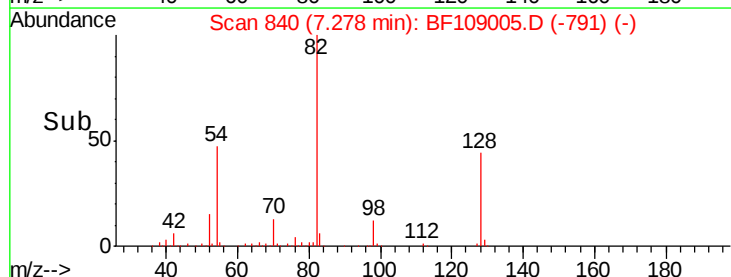
54 47.1 41.4 62.2

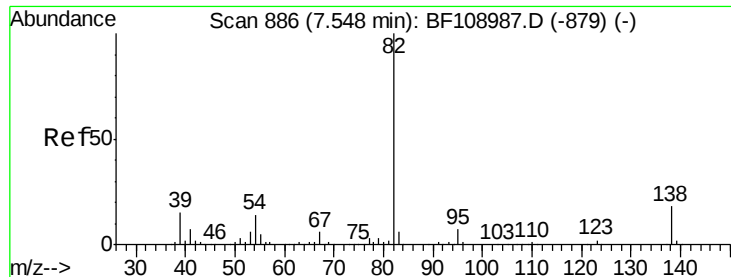


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 27.162 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2

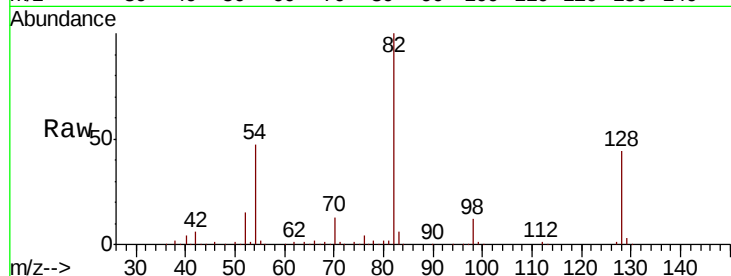
Tgt Ion: 82 Resp: 501421

Ion Ratio Lower Upper

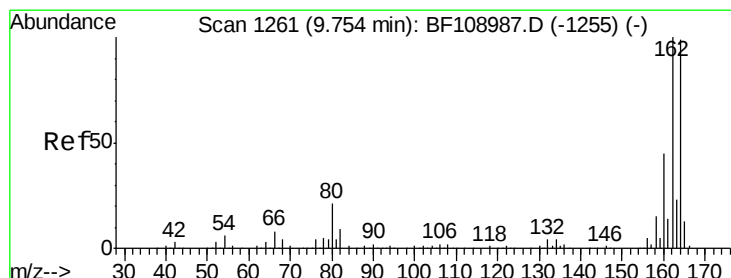
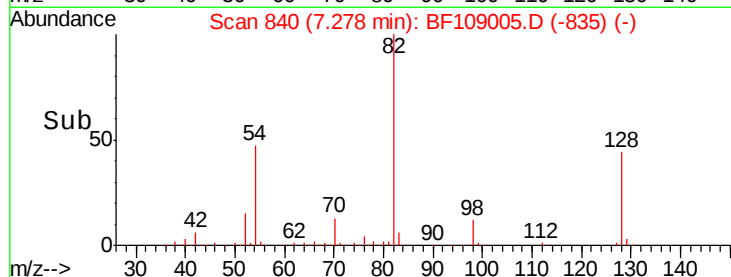
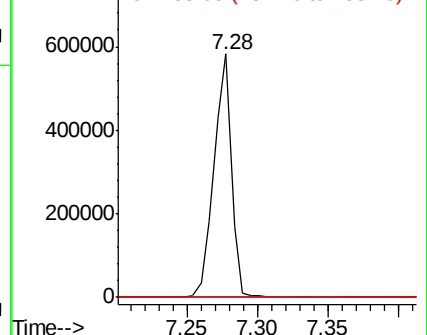
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109005.D

Acq: 14 Sep 2018 19:58

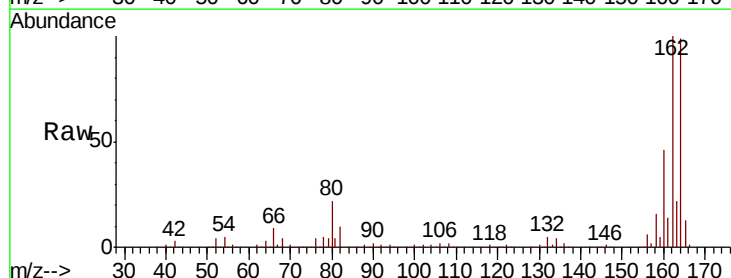
Tgt Ion: 164 Resp: 299481

Ion Ratio Lower Upper

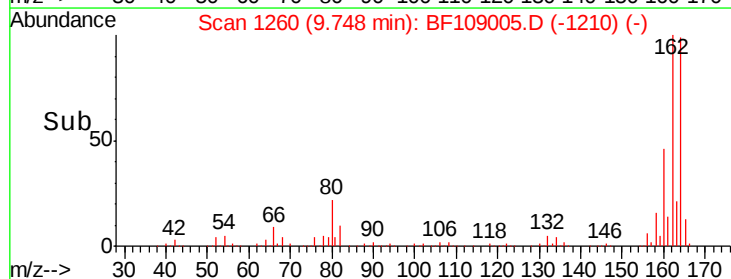
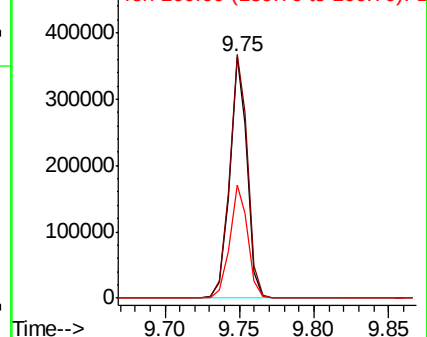
164 100

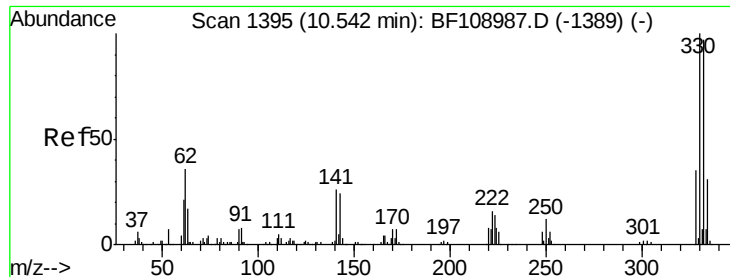
162 100.9 86.1 129.1

160 46.7 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

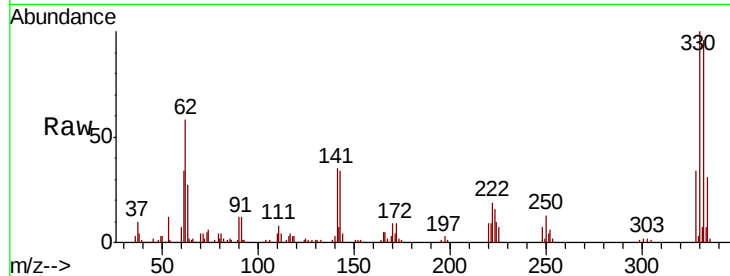




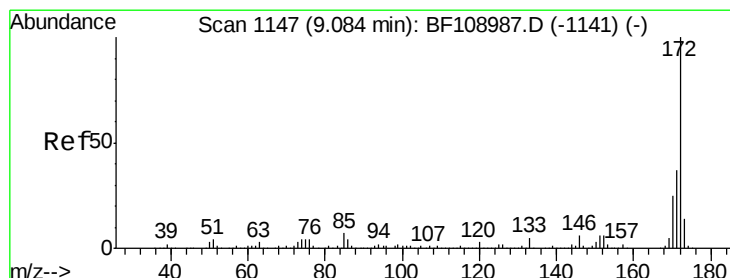
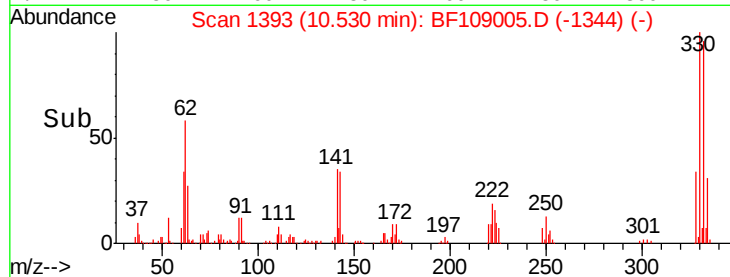
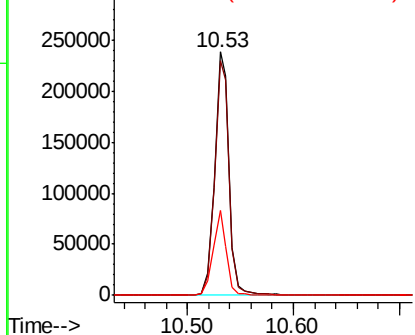
#41
 2,4,6-Tribromophenol
 Concen: 71.158 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109005.D
 Acq: 14 Sep 2018 19:58

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	32.1	29.9	44.9

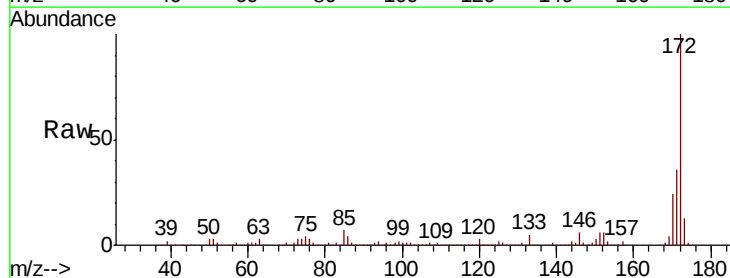


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

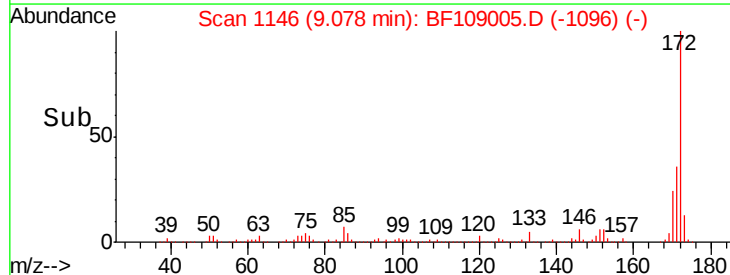
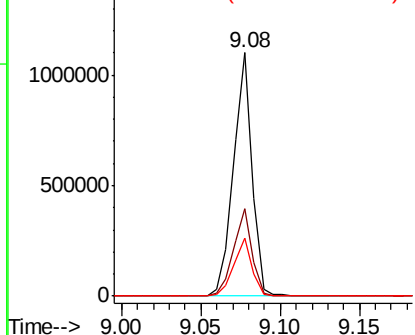


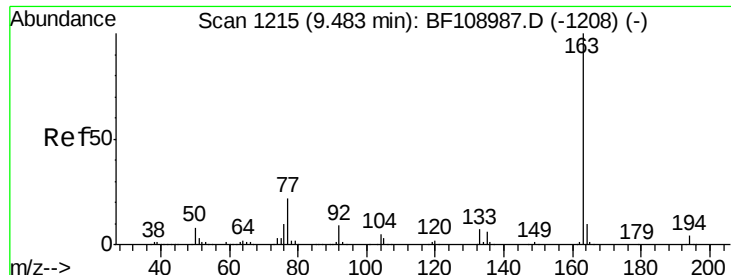
#44
 2-Fluorobiphenyl
 Concen: 47.161 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109005.D
 Acq: 14 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4



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

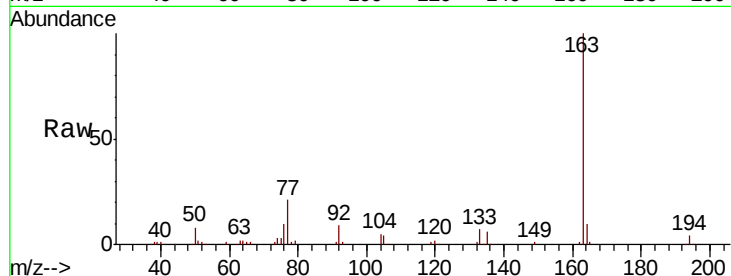




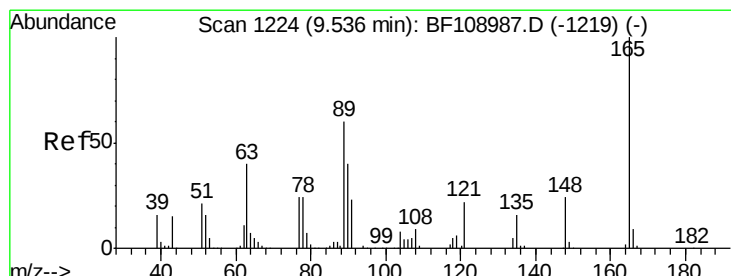
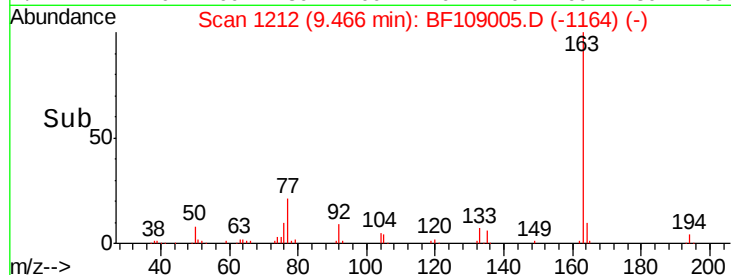
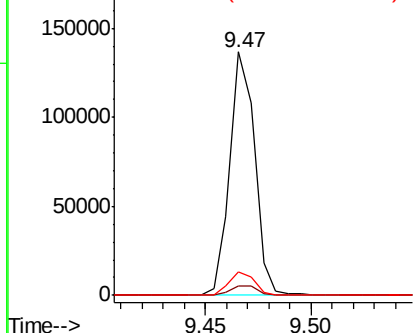
#49
Dimethylphthalate
Concen: 5.214 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109005.D
Acq: 14 Sep 2018 19:58

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.8	8.2	12.2

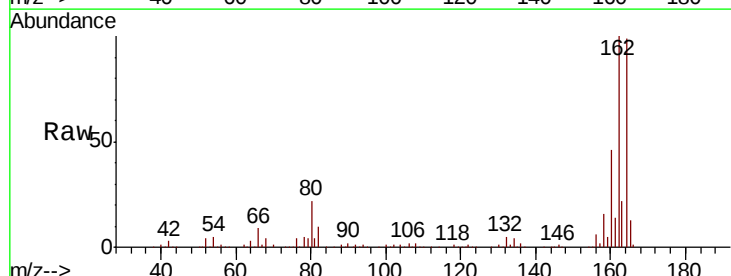


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

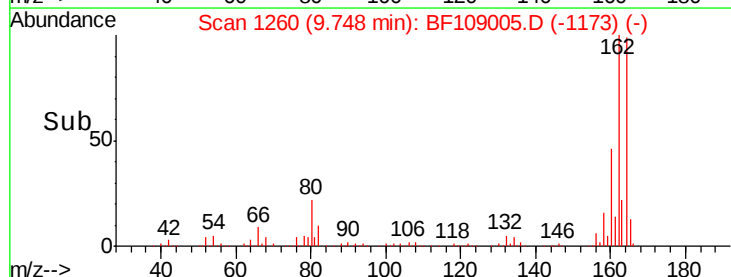
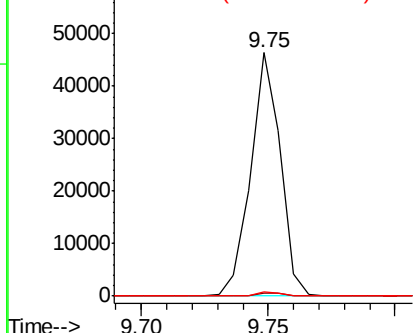


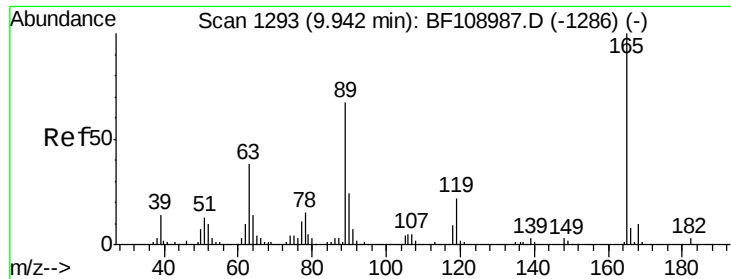
#50
2,6-Dinitrotoluene
Concen: 7.953 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109005.D
Acq: 14 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.6	44.0	66.0#



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

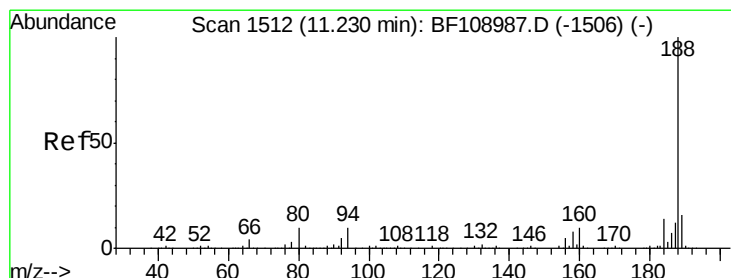
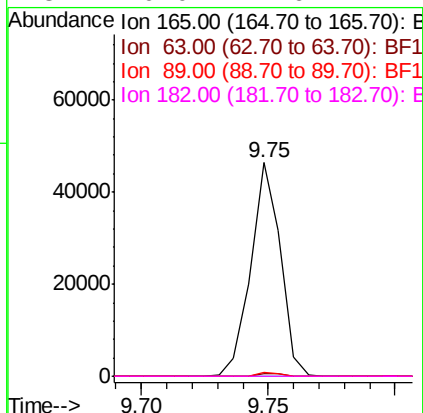
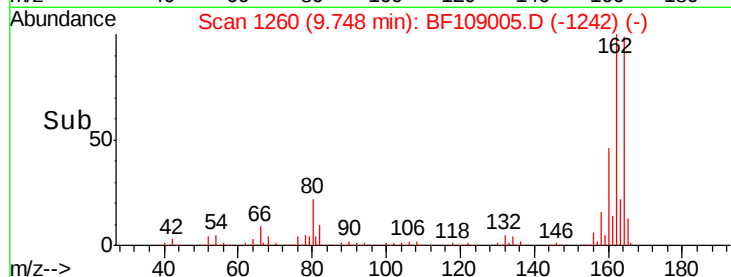
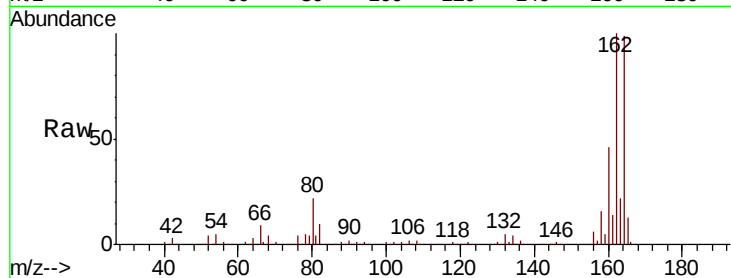




#56
2,4-Dinitrotoluene
Concen: 6.082 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109005.D
Acq: 14 Sep 2018 19:58

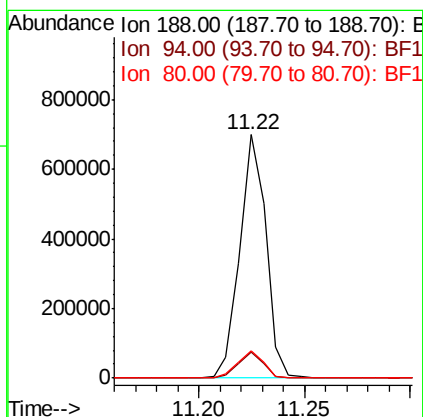
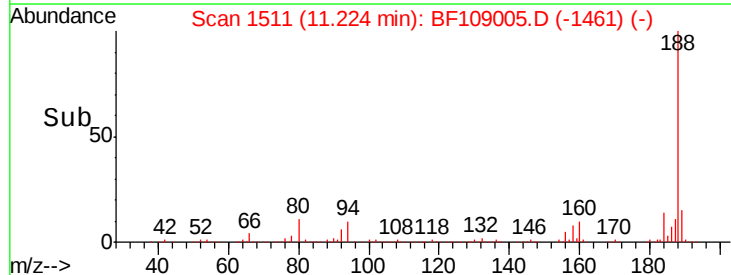
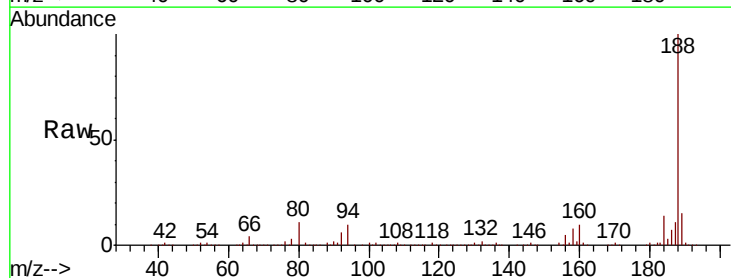
Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

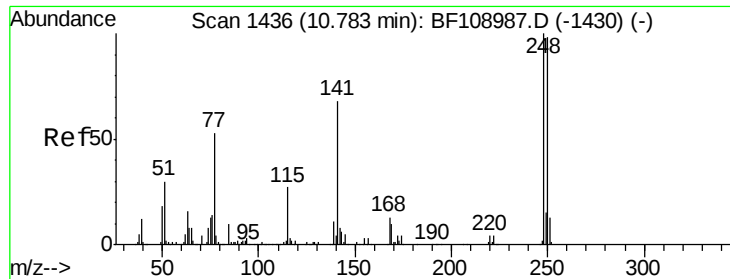
Tgt Ion:165 Resp: 37754
Ion Ratio Lower Upper
165 100
63 1.1 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109005.D
Acq: 14 Sep 2018 19:58

Tgt Ion:188 Resp: 599949
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8

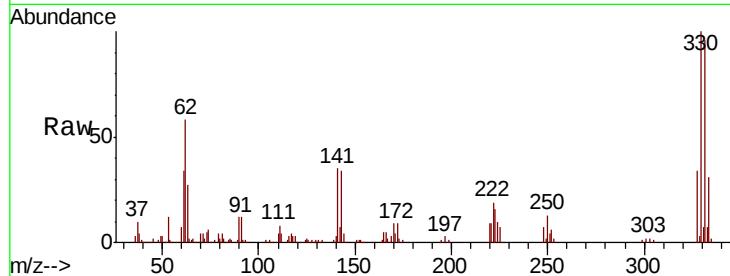




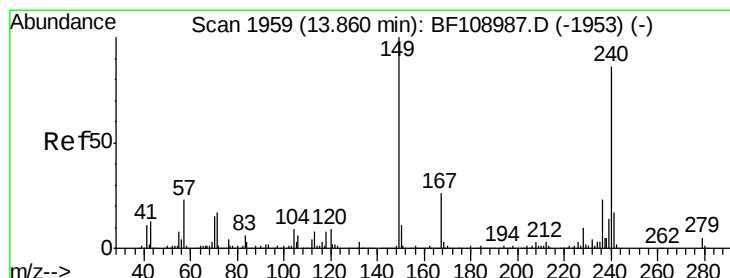
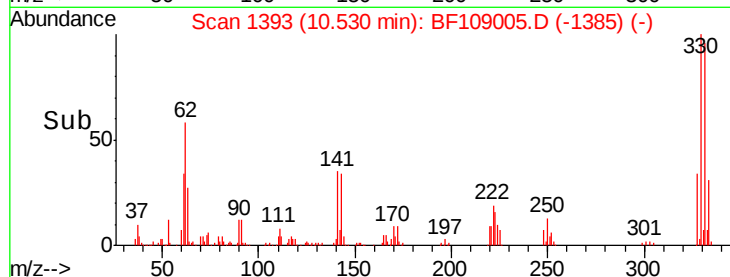
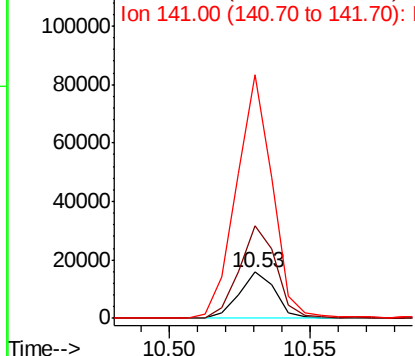
#66
 4-Bromophenyl-phenylether
 Concen: 2.062 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109005.D
 Acq: 14 Sep 2018 19:58

Instrument :
 BNA_F
 ClientSampled :
 SP-PIT-2

Tgt Ion:248 Resp: 13944
 Ion Ratio Lower Upper
 248 100
 250 200.6 76.9 115.3#
 141 530.4 74.4 111.6#

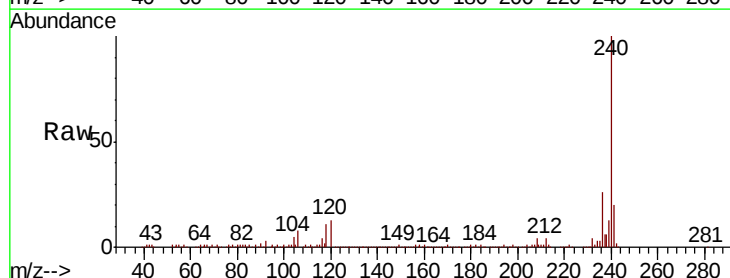


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

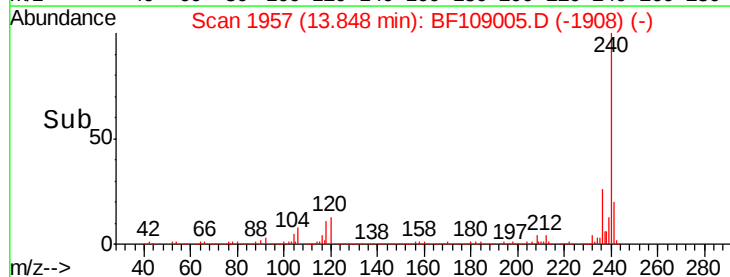
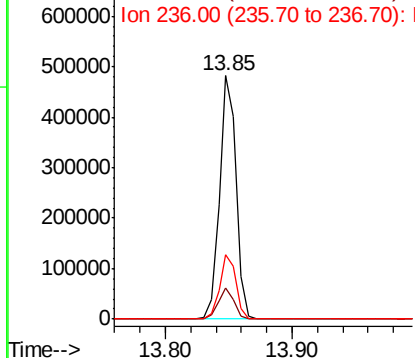


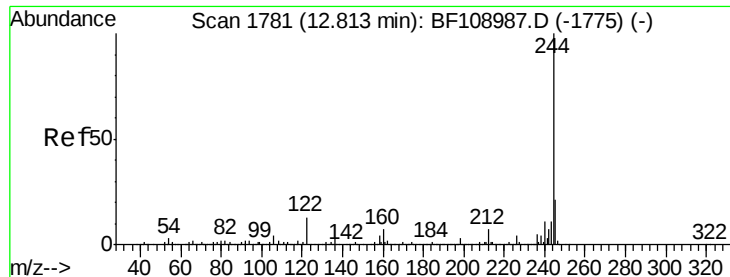
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109005.D
 Acq: 14 Sep 2018 19:58

Tgt Ion:240 Resp: 441734
 Ion Ratio Lower Upper
 240 100
 120 12.6 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

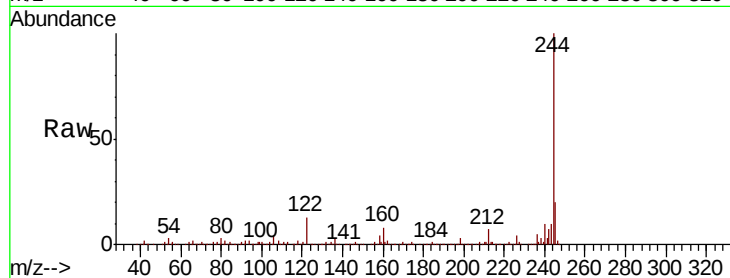




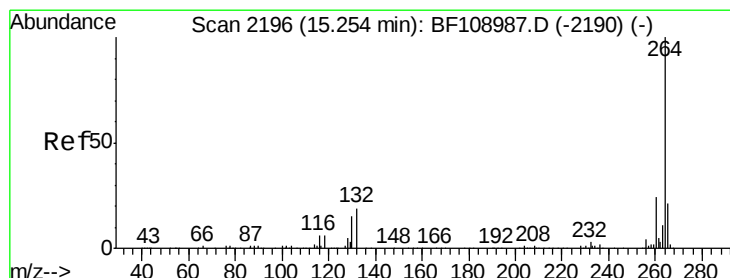
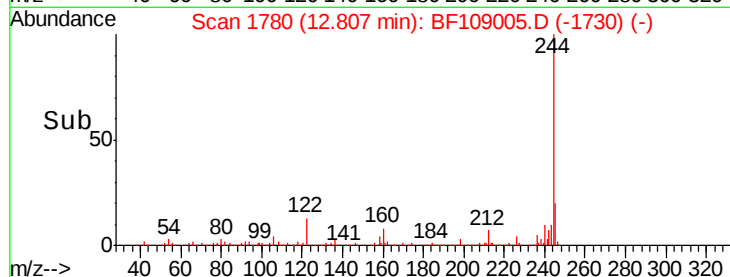
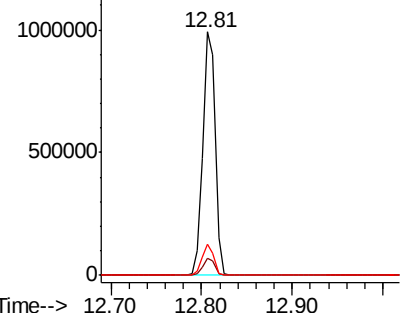
#78
 Terphenyl-d14
 Concen: 50.137 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF109005.D
 Acq: 14 Sep 2018 19:58

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2

Tgt Ion:244 Resp: 934369
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.6 11.0 16.4

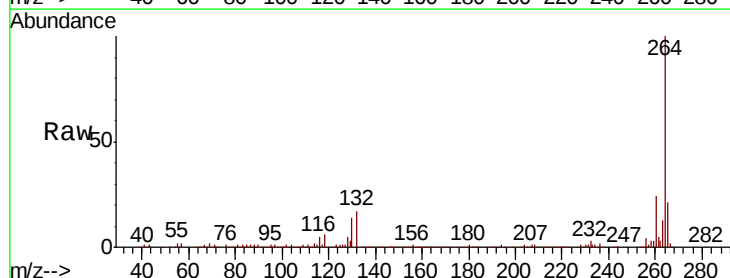


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109005.D
 Acq: 14 Sep 2018 19:58

Tgt Ion:264 Resp: 392609
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 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

