

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109087.D
 Acq On : 18 Sep 2018 9:55
 Operator : JU/SJ
 Sample : J4942-01DL 2X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 18:12:00 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

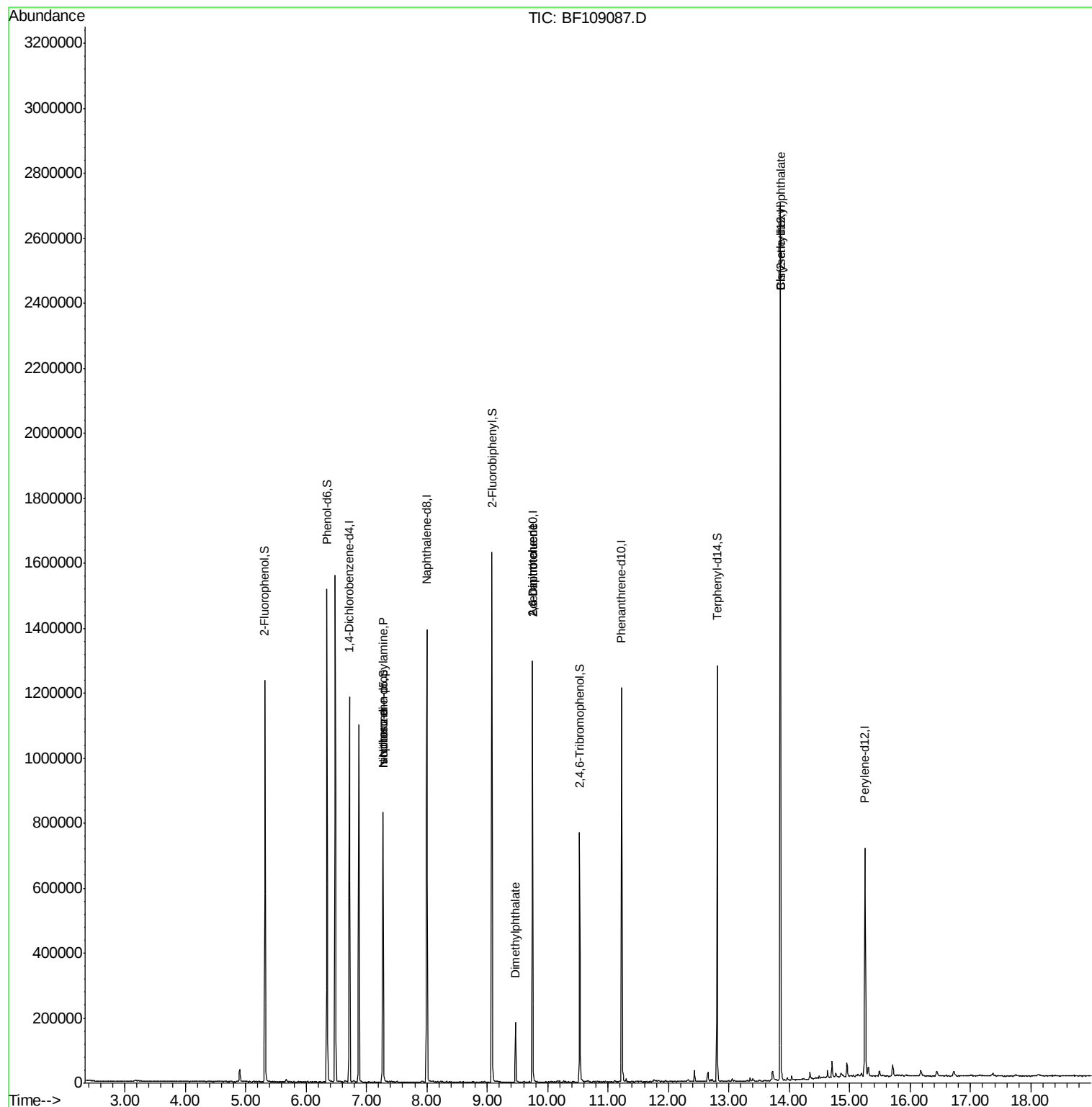
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151962	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	572055	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	248926	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	422573	20.00	ng	0.00
75) Chrysene-d12	13.85	240	319528	20.00	ng	0.00
86) Perylene-d12	15.25	264	306967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	348925	38.14	ng	0.00
7) Phenol-d6	6.35	99	449853	38.13	ng	-0.01
23) Nitrobenzene-d5	7.28	82	272124	26.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	83328	30.84	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	487827	30.70	ng	0.00
78) Terphenyl-d14	12.81	244	392197	29.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	34744	4.455	ng	# 74
25) Isophorone	7.28	82	269045	15.346	ng	# 64
49) Dimethylphthalate	9.47	163	69839	3.925	ng	99
50) 2,6-Dinitrotoluene	9.75	165	31193	7.906	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	31193	6.045	ng	# 23
83) Bis(2-ethylhexyl)phthalate	13.85	149	524837	40.890	ng	100

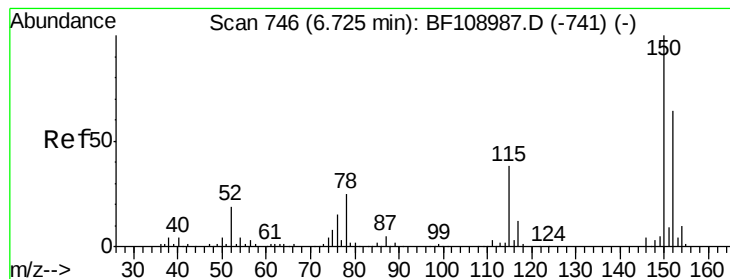
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 18 18:12:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
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QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF109087.D

Acq: 18 Sep 2018 9:55

Instrument :

BNA_F

ClientSampleId :

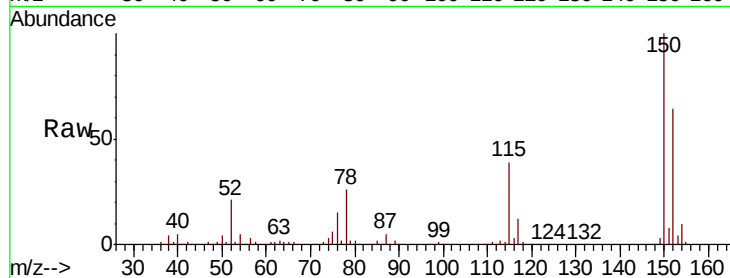
Tot Ion:152 Resp: 151962

Ion Ratio Lower Upper

152 100

150 156.1 124.6 186.8

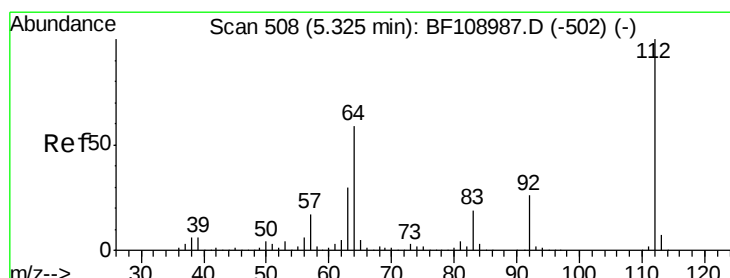
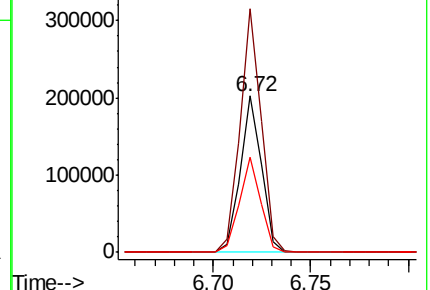
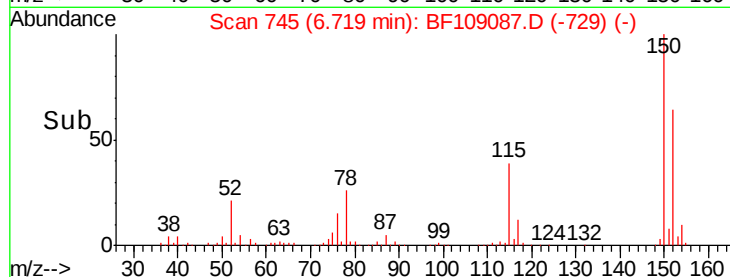
115 61.2 50.1 75.1



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: 38.136 ng

RT: 5.32 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF109087.D

Acq: 18 Sep 2018 9:55

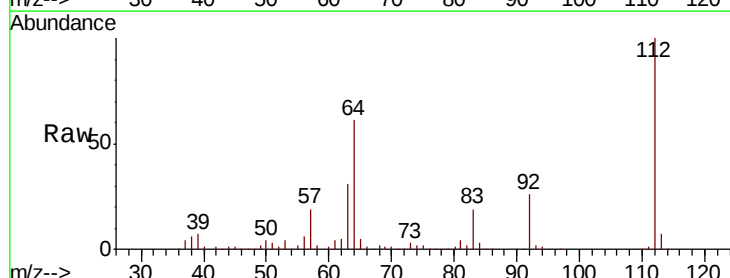
Tgt Ion:112 Resp: 348925

Ion Ratio Lower Upper

112 100

64 60.9 47.9 71.9

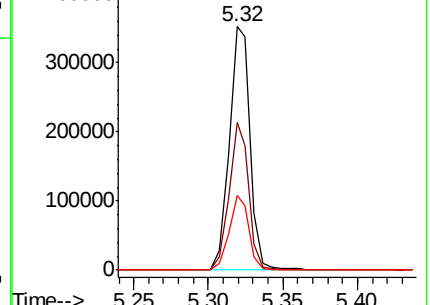
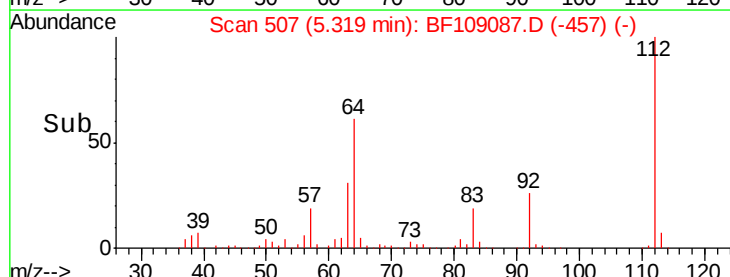
63 30.7 23.7 35.5

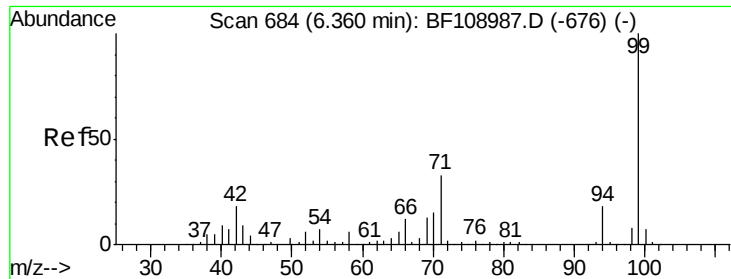


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 38.130 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109087.D

Acq: 18 Sep 2018 9:55

Instrument :

BNA_F

ClientSampleId :

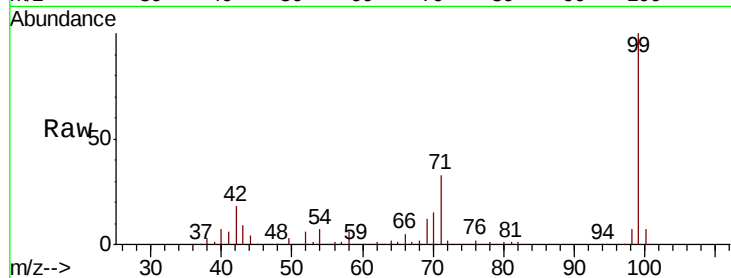
Tot Ion: 99 Resp: 449853

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

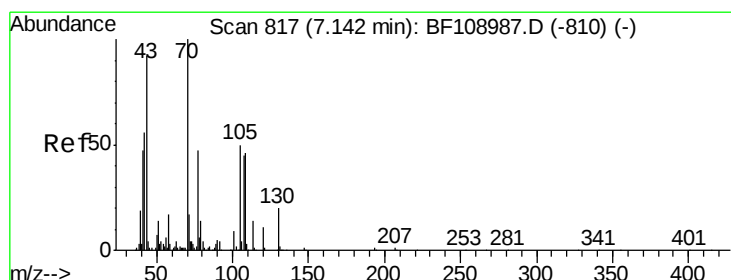
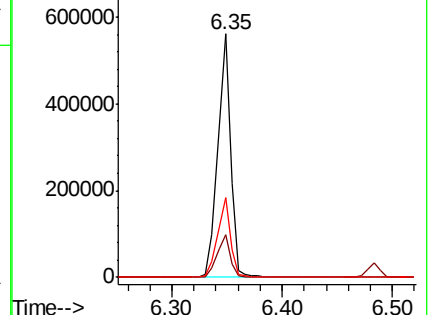
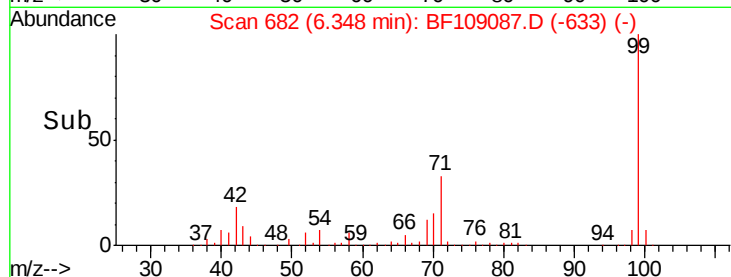
71 32.6 25.4 38.0



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: 4.455 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109087.D

Acq: 18 Sep 2018 9:55

Tgt Ion: 70 Resp: 34744

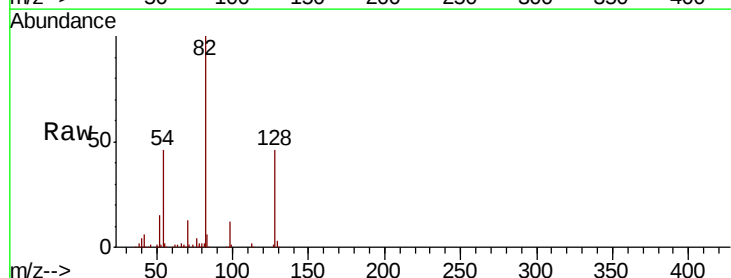
Ion Ratio Lower Upper

70 100

42 43.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

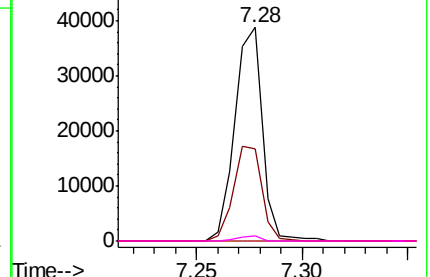
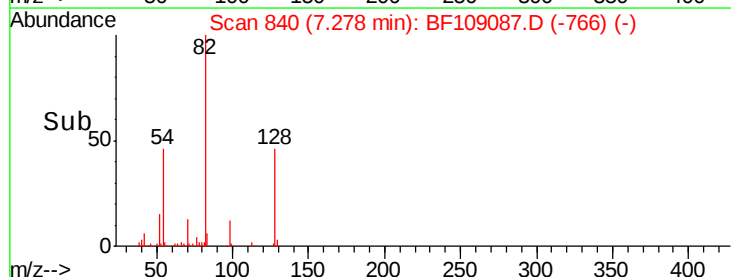


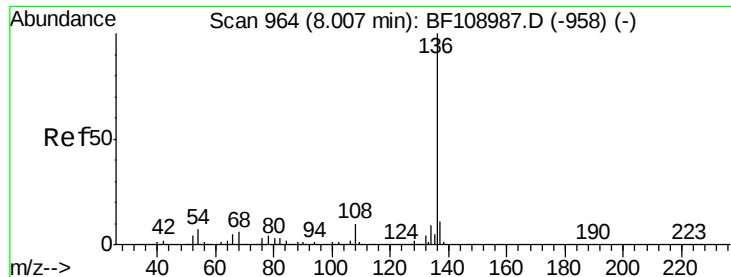
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

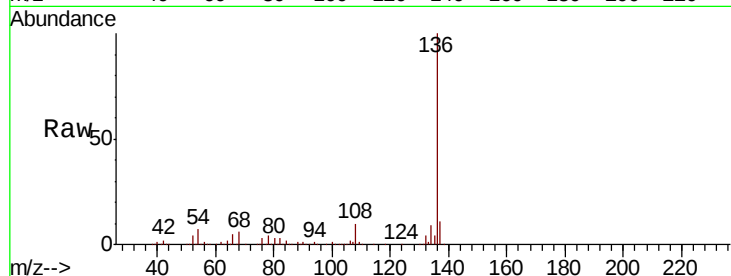




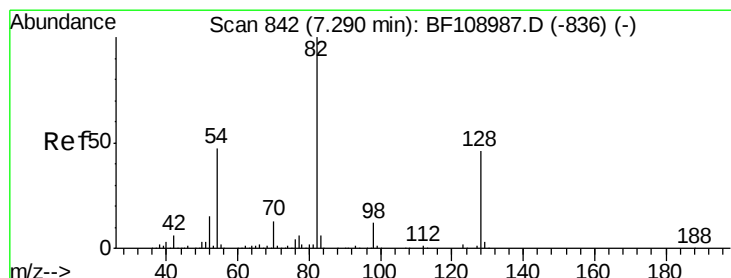
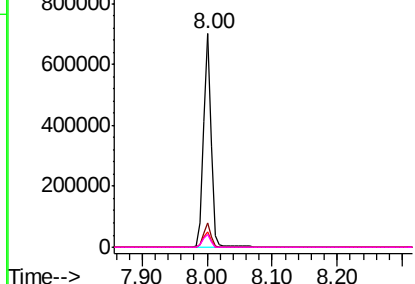
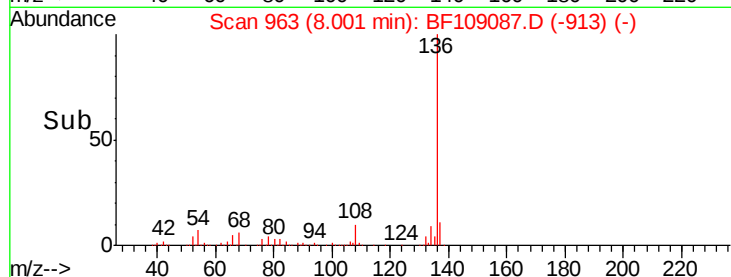
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109087.D
Acq: 18 Sep 2018 9:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	572055	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 7.3	6.6	9.8	
68 6.1	5.0	7.4	

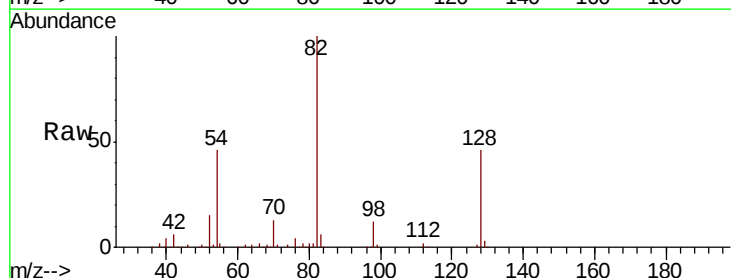


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

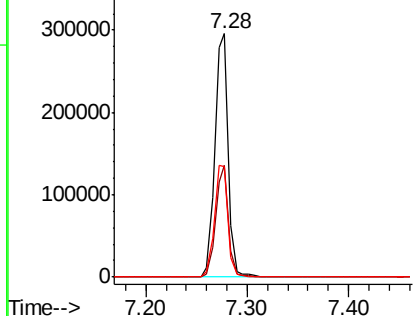
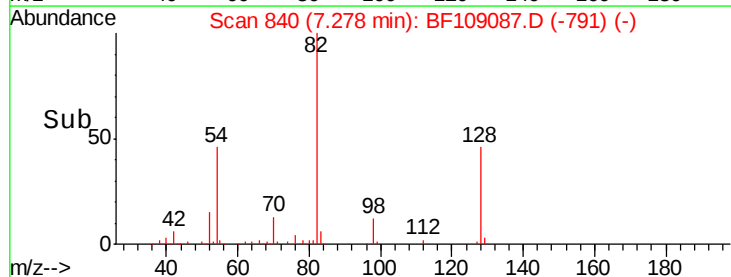


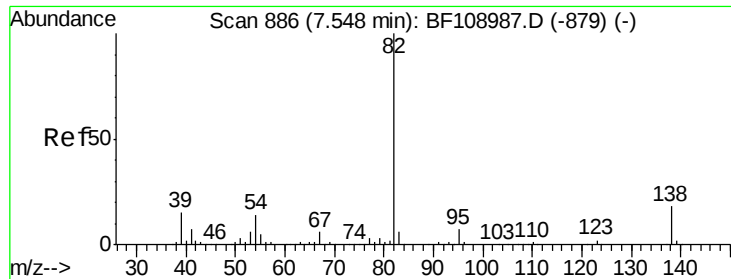
#23
Nitrobenzene-d5
Concen: 26.681 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109087.D
Acq: 18 Sep 2018 9:55

Tgt	Ion: 82	Resp:	272124
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	45.6	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: 15.346 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109087.D

Acq: 18 Sep 2018 9:55

Instrument :

BNA_F

ClientSampleId :

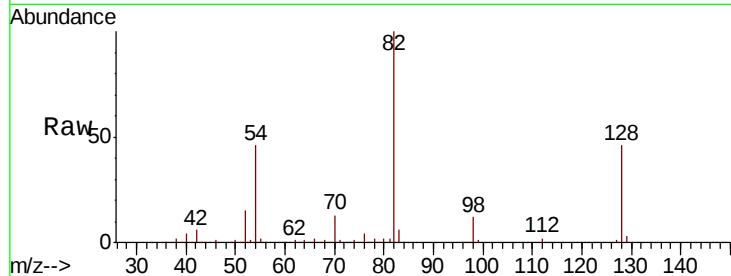
Tot Ion: 82 Resp: 269045

Ion Ratio Lower Upper

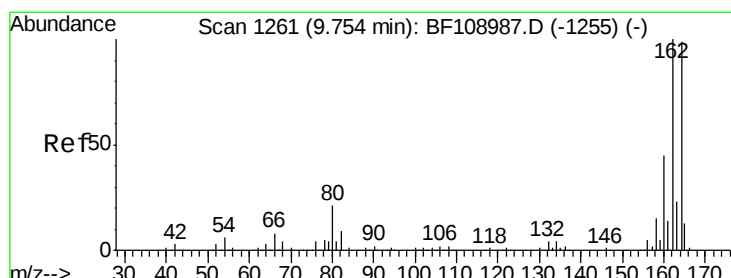
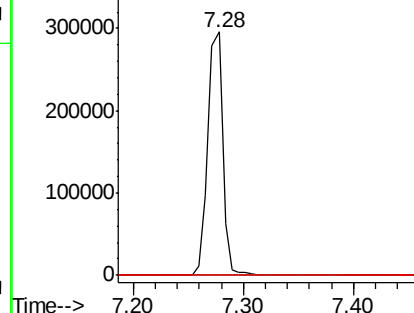
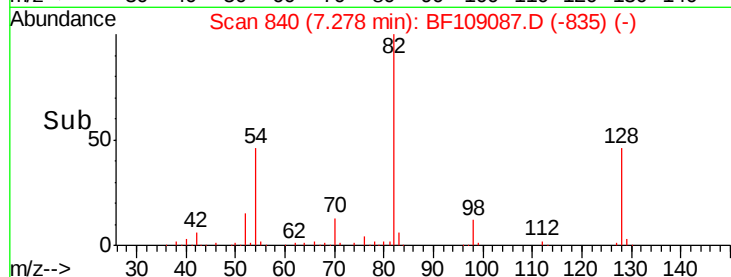
82 100

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: BF109087.D

Acq: 18 Sep 2018 9:55

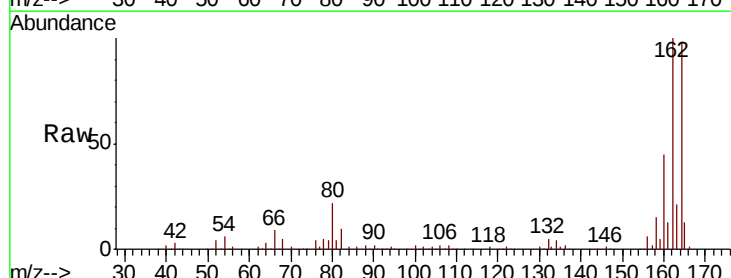
Tgt Ion: 164 Resp: 248926

Ion Ratio Lower Upper

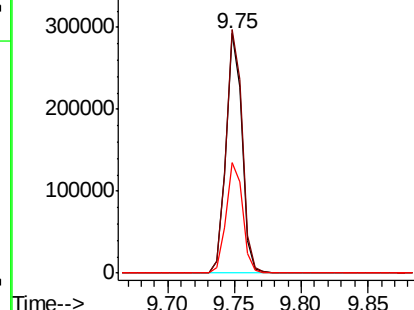
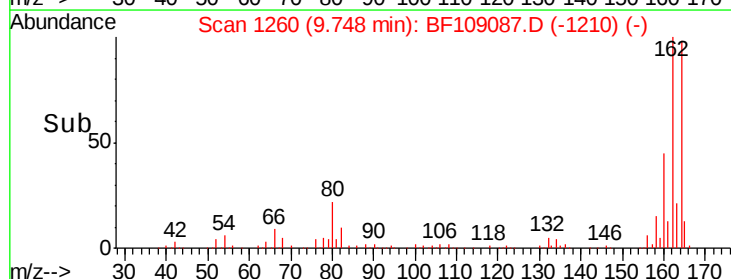
164 100

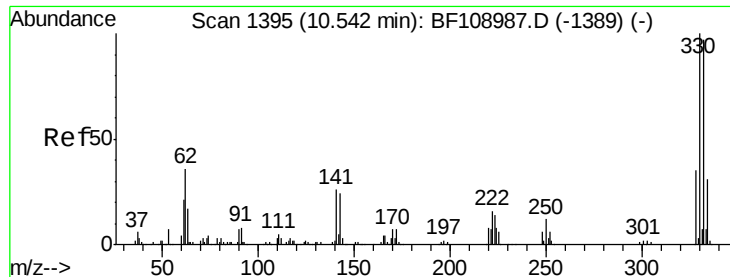
162 101.7 86.1 129.1

160 46.0 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

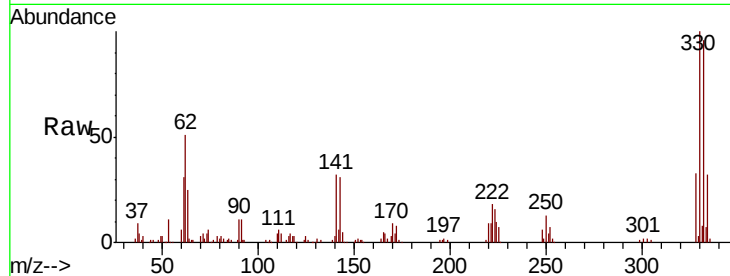




#41
 2,4,6-Tribromophenol
 Concen: 30.845 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109087.D
 Acq: 18 Sep 2018 9:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.9	29.9	44.9

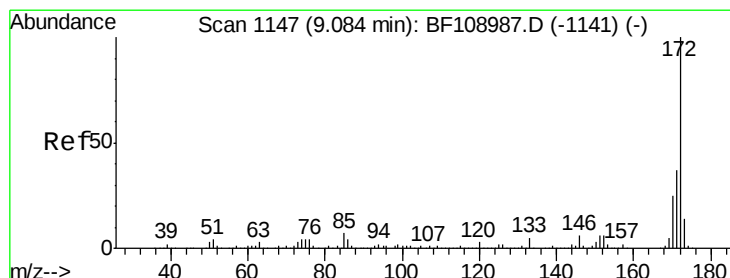
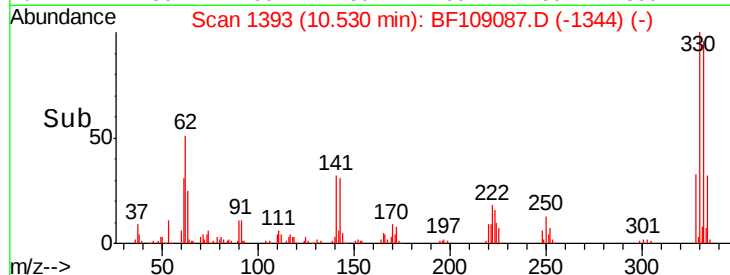
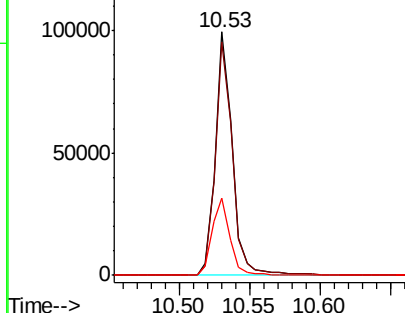


Abundance

Ion 329.80 (329.50 to 330.50): E

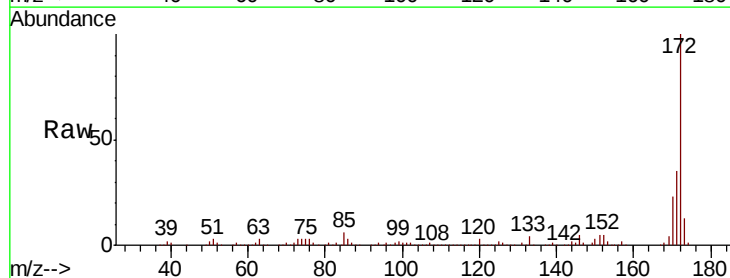
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 30.704 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109087.D
 Acq: 18 Sep 2018 9:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	23.5	19.6	29.4

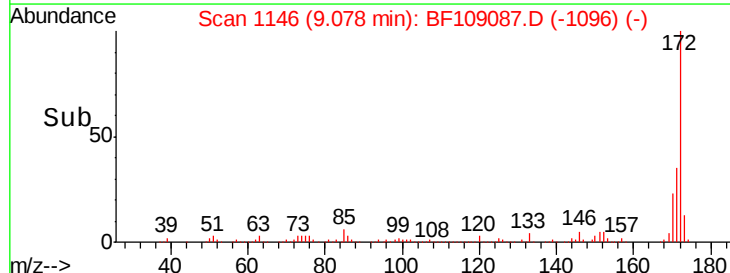
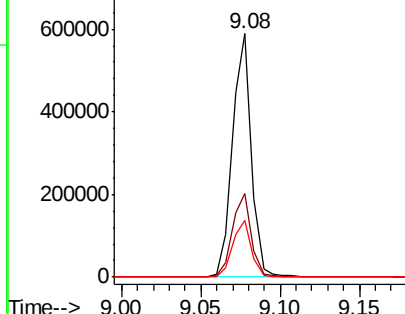


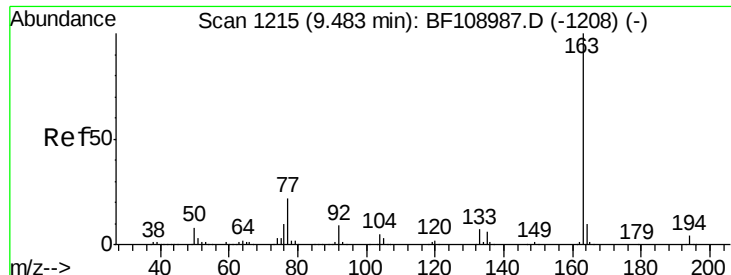
Abundance

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

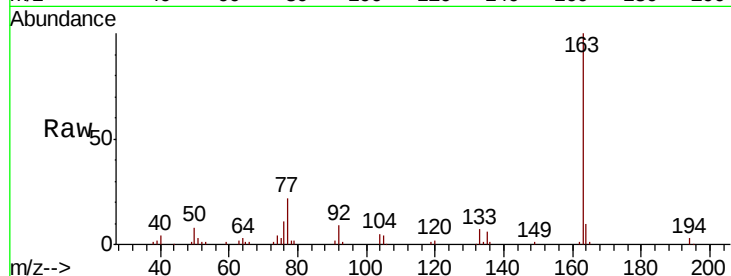




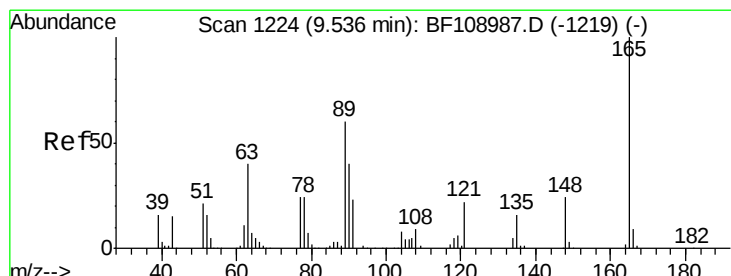
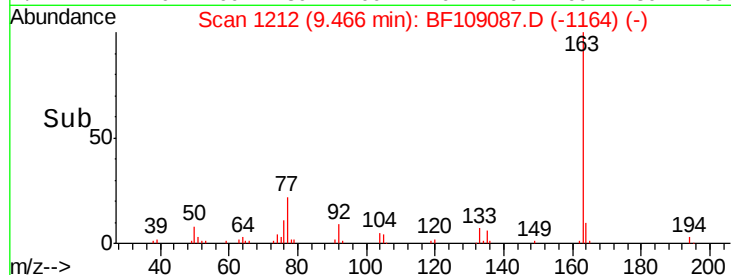
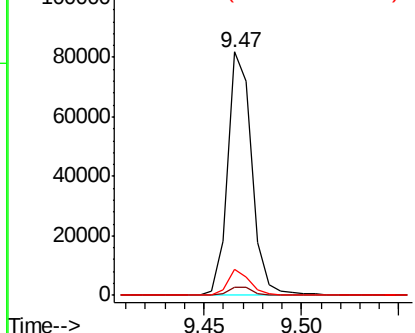
#49
Dimethylphthalate
Concen: 3.925 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109087.D
Acq: 18 Sep 2018 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 69839
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

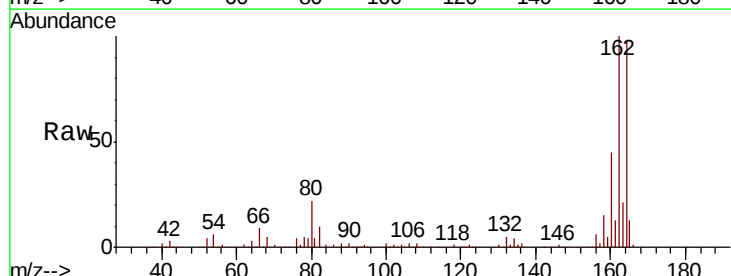


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

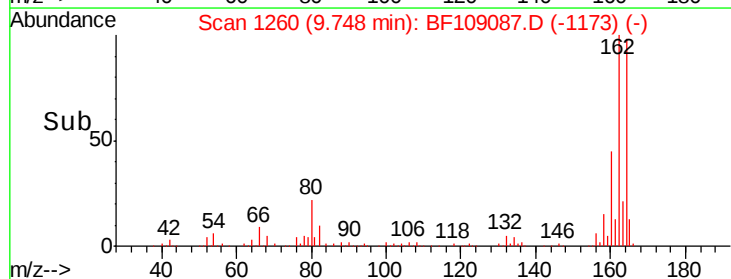
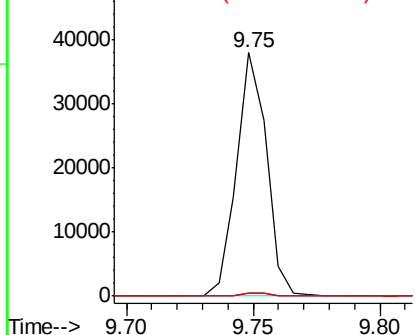


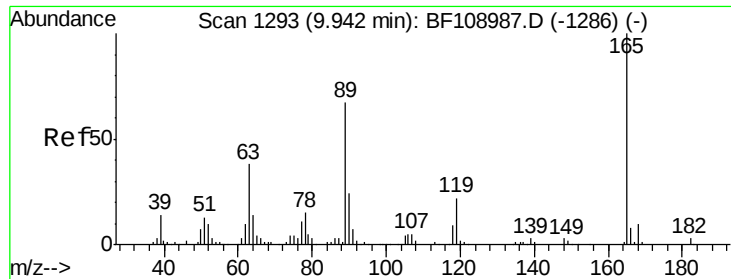
#50
2,6-Dinitrotoluene
Concen: 7.906 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109087.D
Acq: 18 Sep 2018 9:55

Tgt Ion:165 Resp: 31193
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.5 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

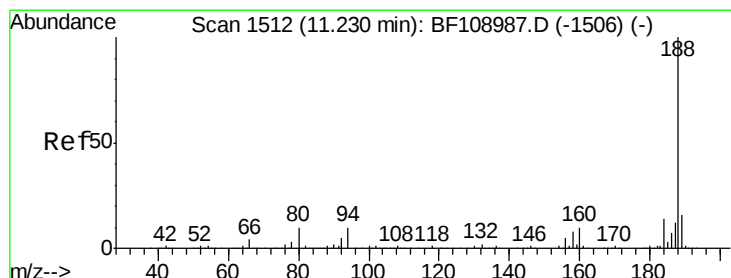
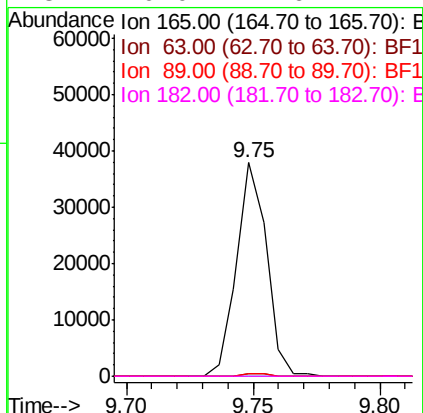
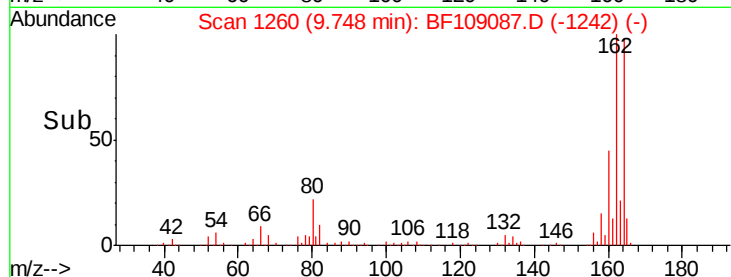
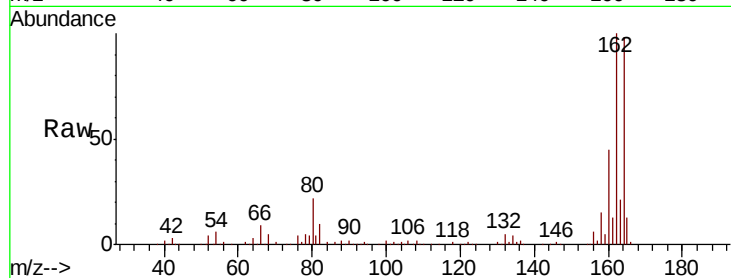




#56
 2,4-Dinitrotoluene
 Concen: 6.045 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109087.D
 Acq: 18 Sep 2018 9:55

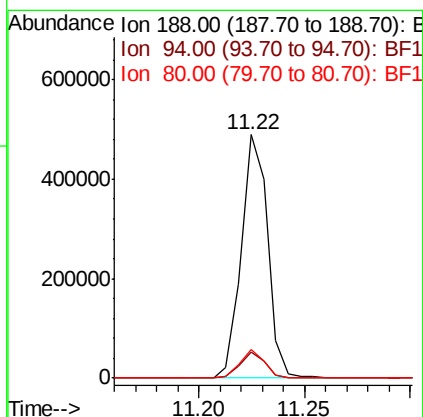
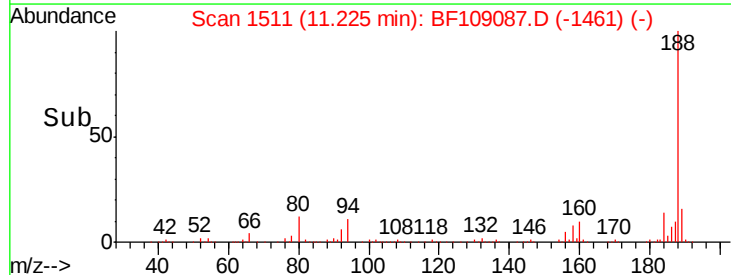
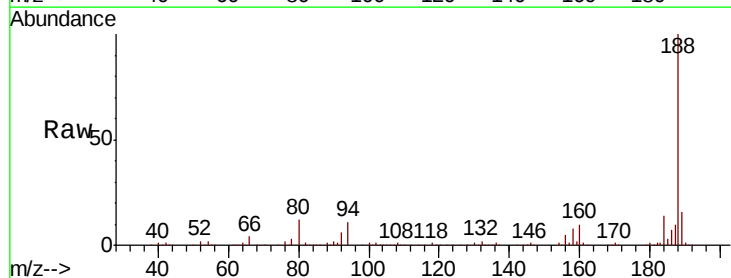
Instrument :
 BNA_F
 ClientSampleId :

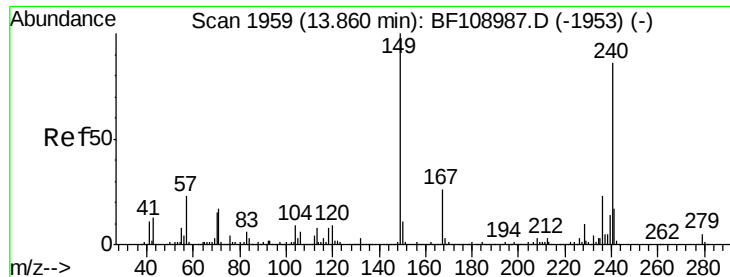
Tot Ion:	165	Resp:	31193
Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109087.D
 Acq: 18 Sep 2018 9:55

Tgt Ion:	188	Resp:	422573
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.5	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109087.D

Acq: 18 Sep 2018 9:55

Instrument :

BNA_F

ClientSampled :

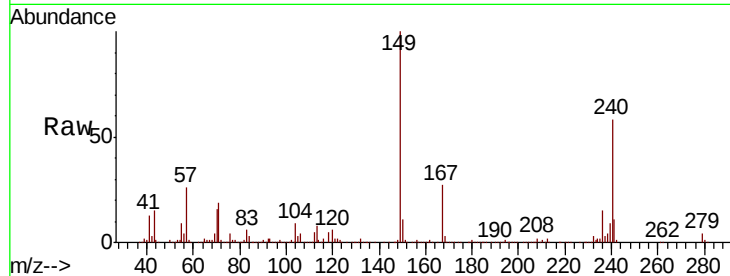
Tot Ion:240 Resp: 319528

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

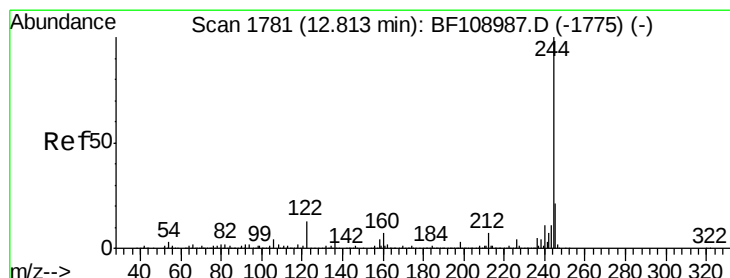
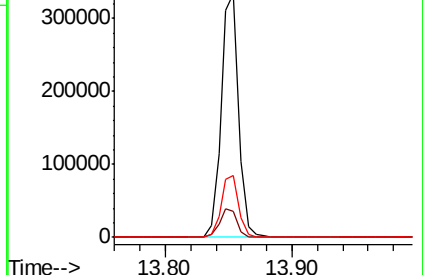
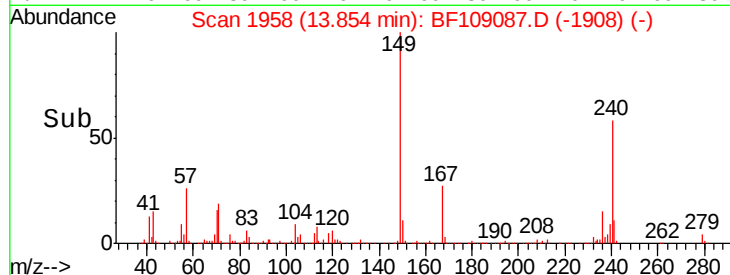
236 25.5 20.7 31.1



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: 29.093 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109087.D

Acq: 18 Sep 2018 9:55

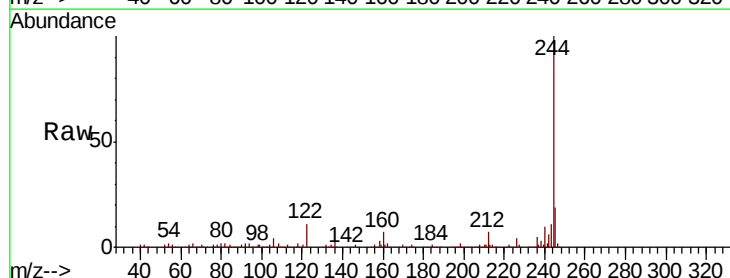
Tgt Ion:244 Resp: 392197

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

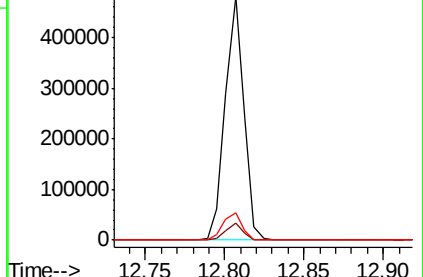
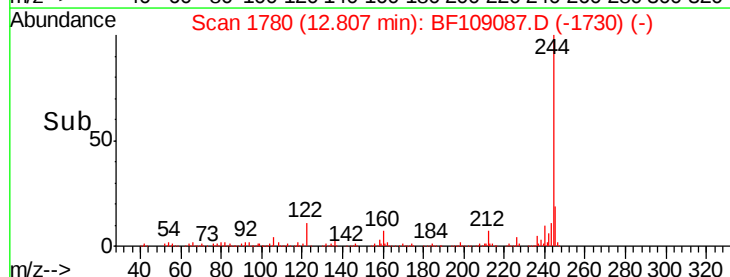
122 11.1 11.0 16.4

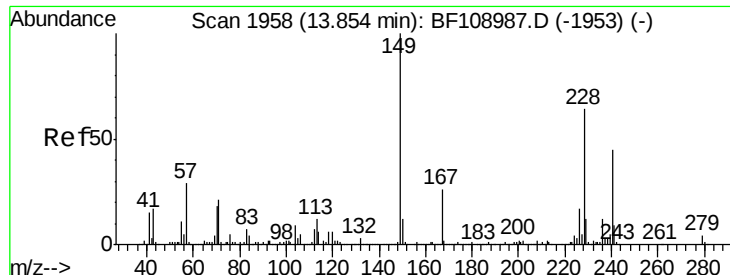


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

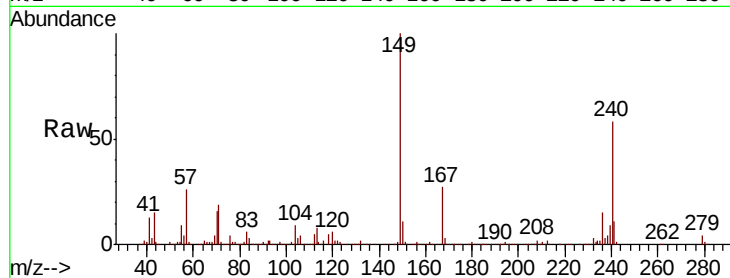




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.890 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109087.D
 Acq: 18 Sep 2018 9:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.9	3.0	4.4

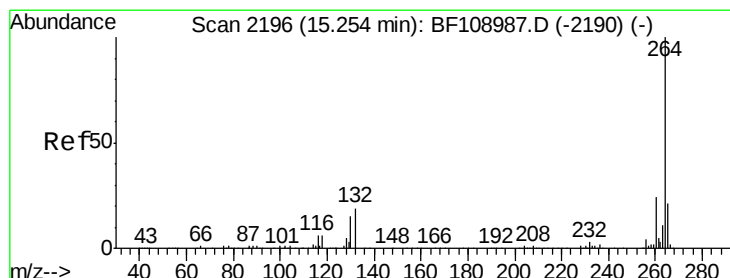
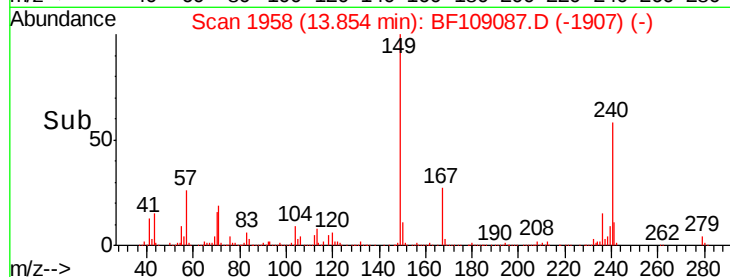
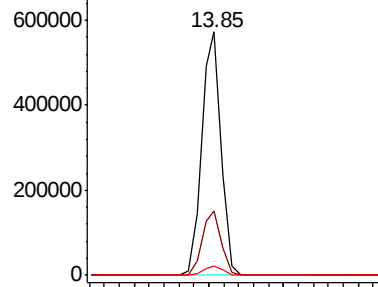


Abundance

Ion 149.00 (148.70 to 149.70): E

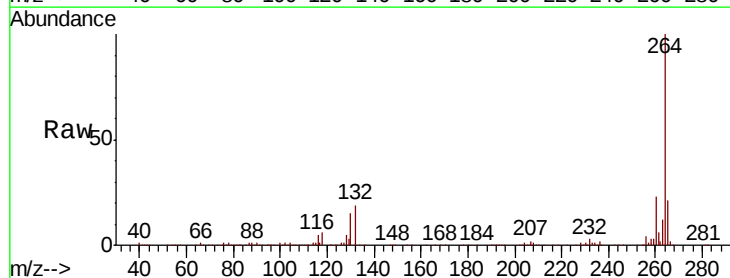
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109087.D
 Acq: 18 Sep 2018 9:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	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

