

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108967.D
 Acq On : 13 Sep 2018 16:35
 Operator : JU/SJ
 Sample : J4866-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 17:59:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

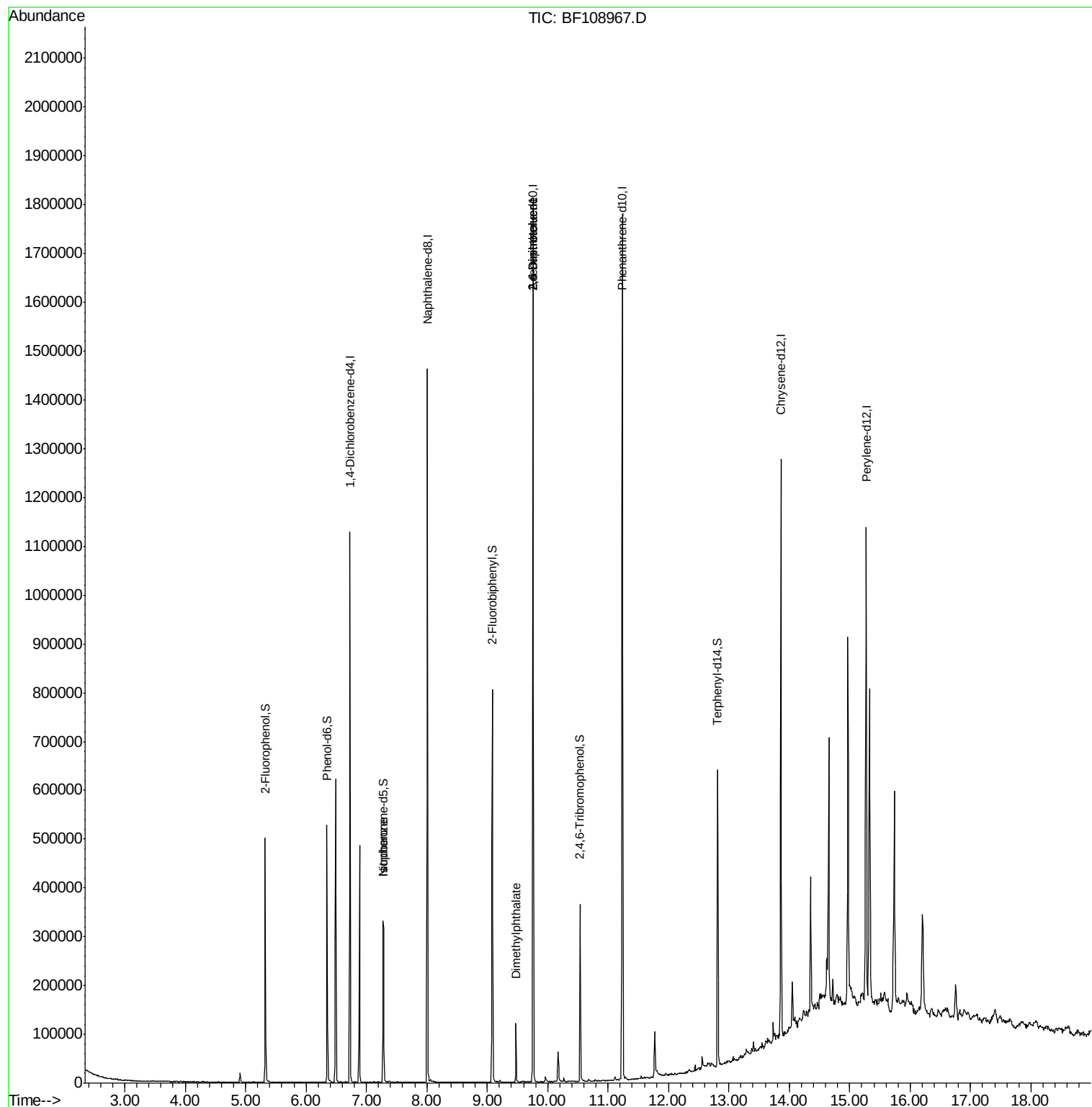
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	160742	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	635929	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	315615	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	591153	20.00	ng	0.00
75) Chrysene-d12	13.87	240	406231	20.00	ng	0.00
86) Perylene-d12	15.27	264	434706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	132998	13.71	ng	-0.01
7) Phenol-d6	6.35	99	183214	14.68	ng	-0.02
23) Nitrobenzene-d5	7.28	82	108677	10.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	43708	14.51	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	230923	12.48	ng	-0.01
78) Terphenyl-d14	12.82	244	211499	12.14	ng	0.00
Target Compounds						
25) Isophorone	7.28	82	108560	5.356	ng	# 64
49) Dimethylphthalate	9.48	163	45953	2.082	ng	# 99
50) 2,6-Dinitrotoluene	9.76	165	39905	9.487	ng	# 25
56) 2,4-Dinitrotoluene	9.76	165	39905	7.418	ng	# 23

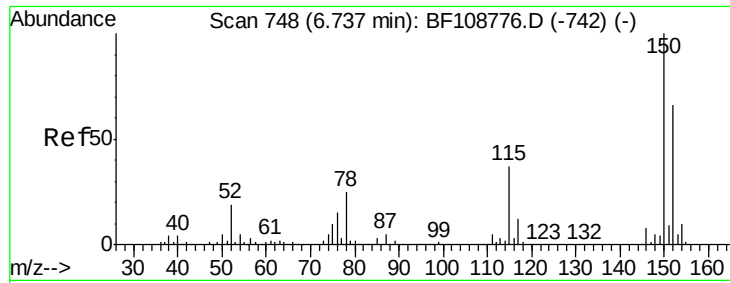
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



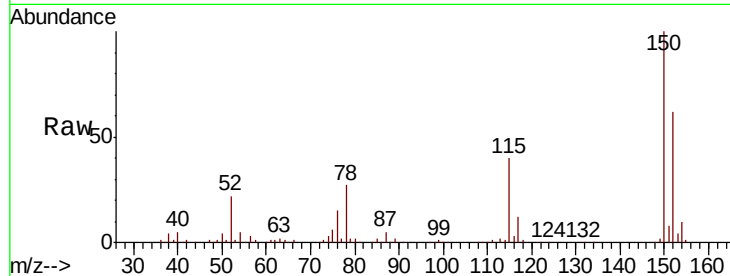


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF108967.D
 Acq: 13 Sep 2018 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	63.6	50.1	75.1

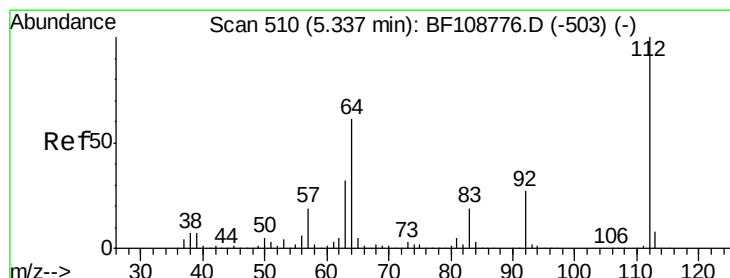
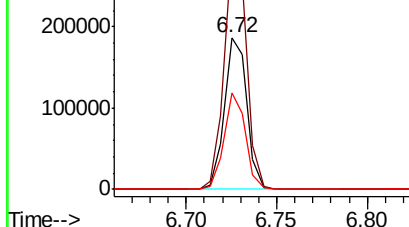
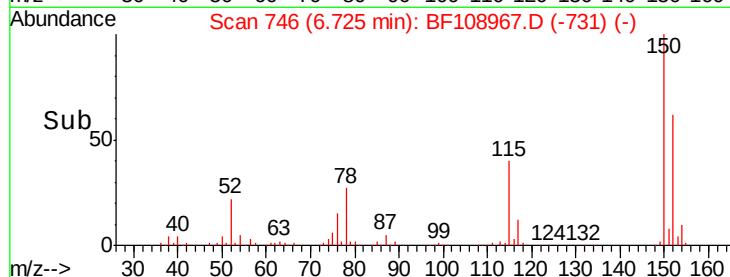


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

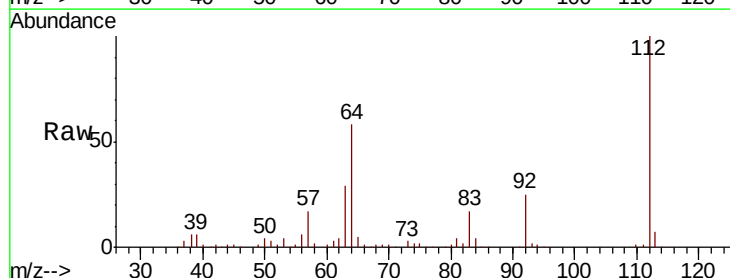
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 13.707 ng
 RT: 5.33 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF108967.D
 Acq: 13 Sep 2018 16:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.0	23.7	35.5

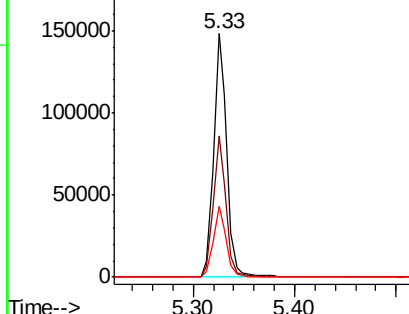
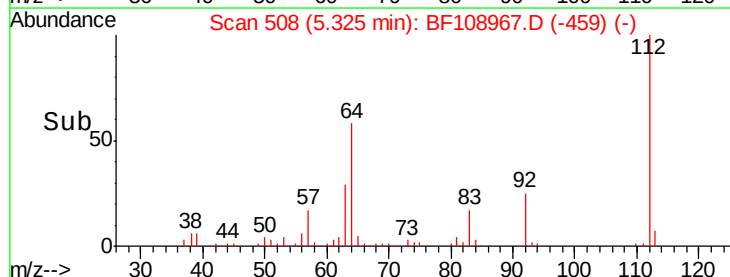


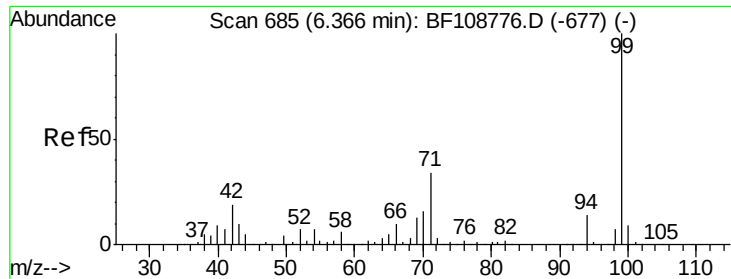
Abundance

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: 14.676 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF108967.D

Acq: 13 Sep 2018 16:35

Instrument :

BNA_F

ClientSampled :

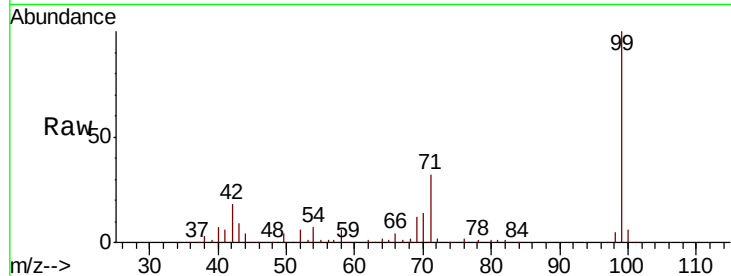
Tot Ion: 99 Resp: 183214

Ion Ratio Lower Upper

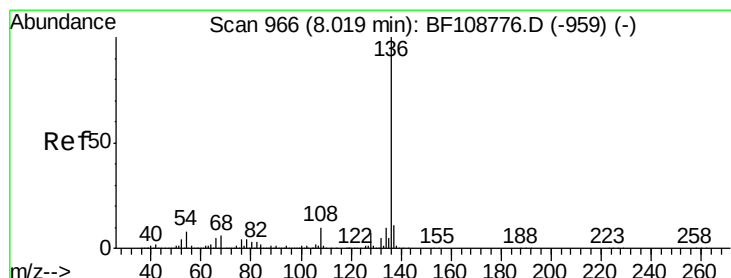
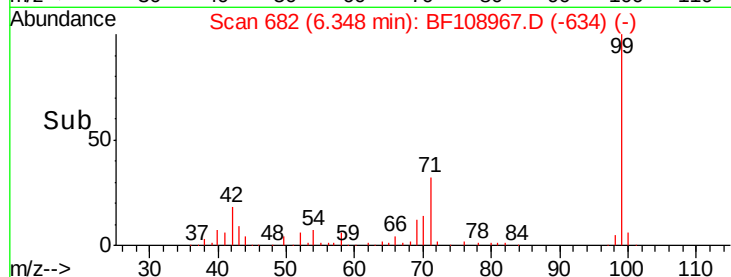
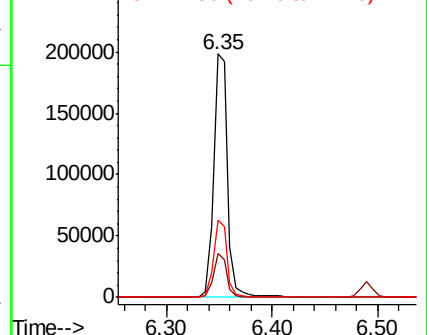
99 100

42 18.0 14.5 21.7

71 31.9 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: 8.01 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF108967.D

Acq: 13 Sep 2018 16:35

Tgt Ion: 136 Resp: 635929

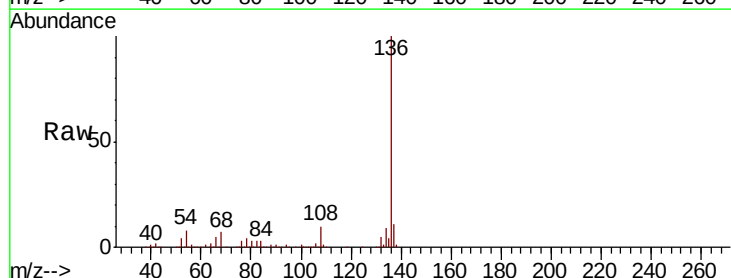
Ion Ratio Lower Upper

136 100

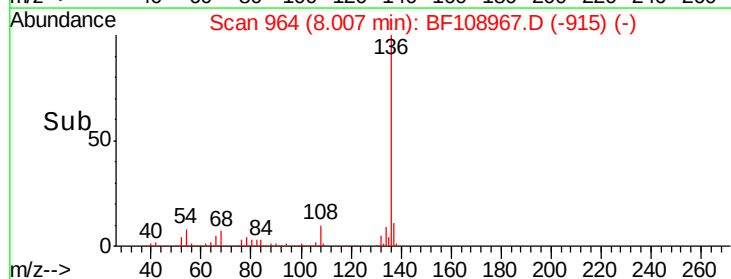
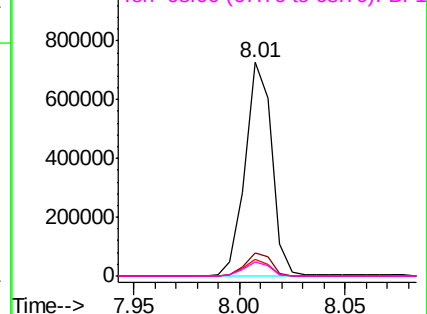
137 11.0 8.9 13.3

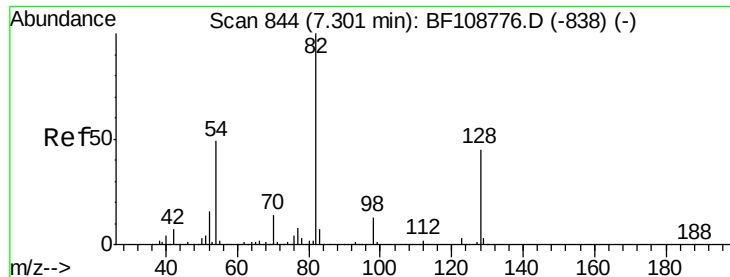
54 7.9 6.6 9.8

68 6.7 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

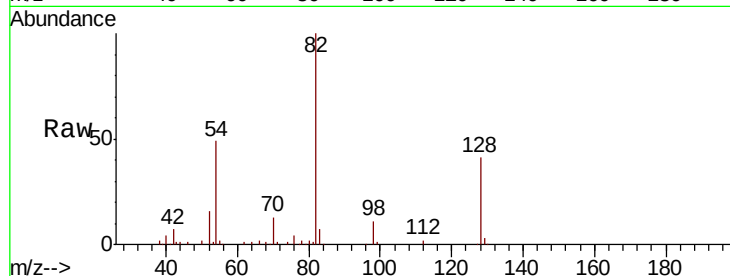




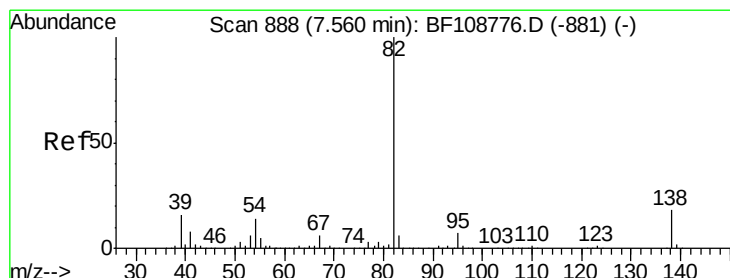
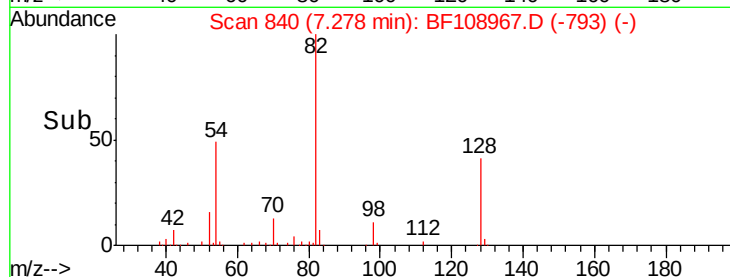
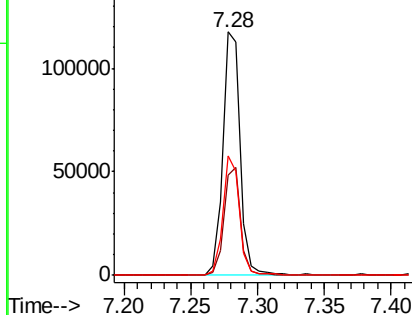
#23
Nitrobenzene-d5
Concen: 10.695 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.02 min
Lab File: BF108967.D
Acq: 13 Sep 2018 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	108677
Ion Ratio	Lower	Upper	
82	100		
128	41.3	36.1	54.1
54	49.0	41.4	62.2

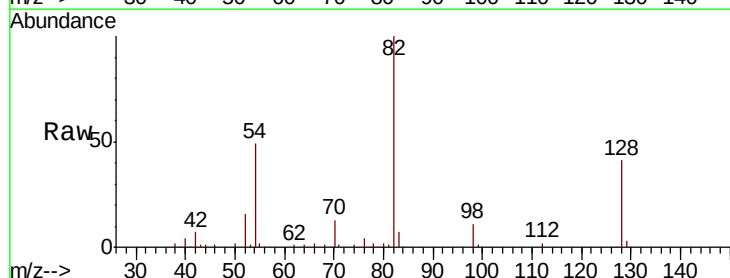


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

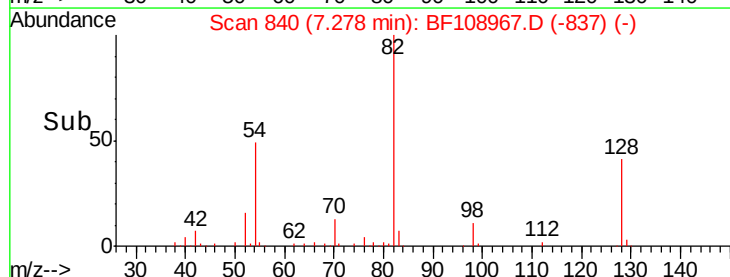
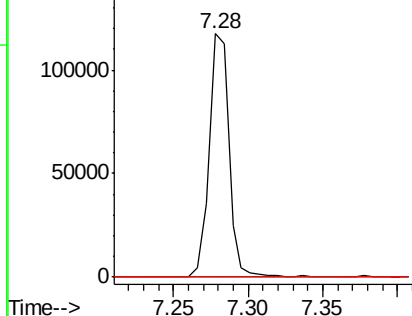


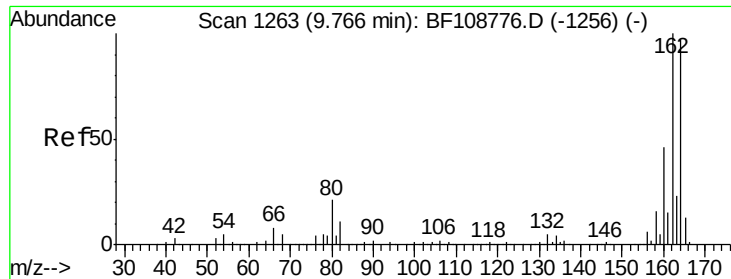
#25
Isophorone
Concen: 5.356 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.28 min
Lab File: BF108967.D
Acq: 13 Sep 2018 16:35

Tgt Ion	82	Resp	108560
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): BF1

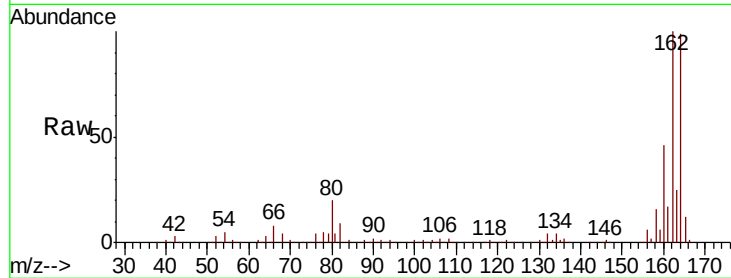




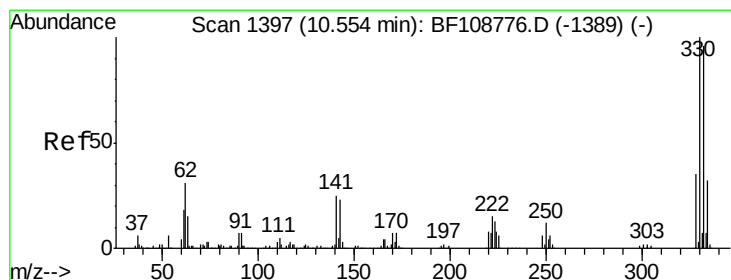
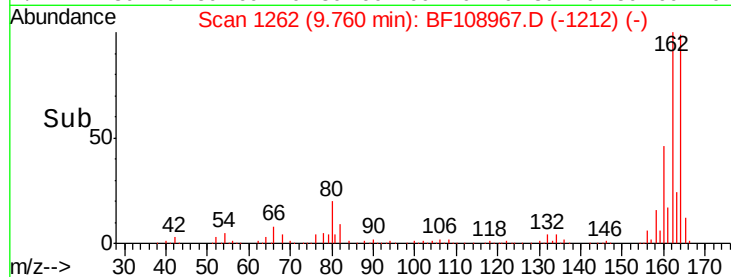
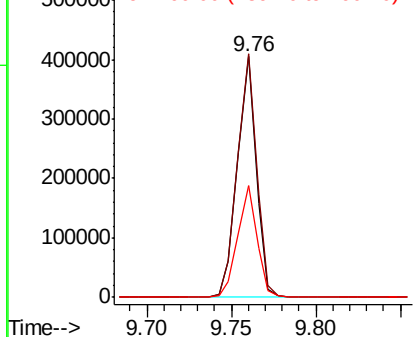
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108967.D
 Acq: 13 Sep 2018 16:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 315615
 Ion Ratio Lower Upper
 164 100
 162 101.1 86.1 129.1
 160 46.2 38.3 57.5

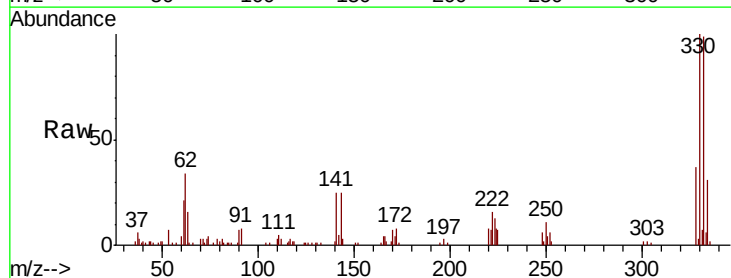


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

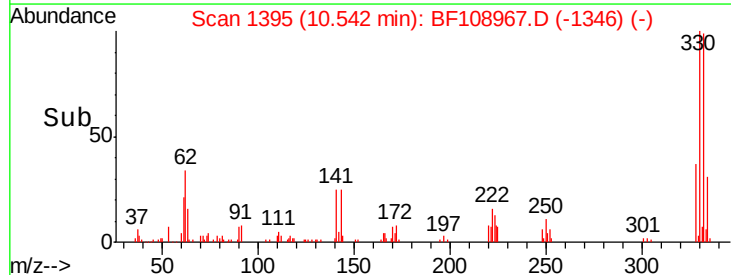
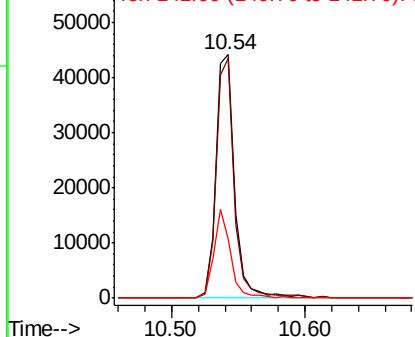


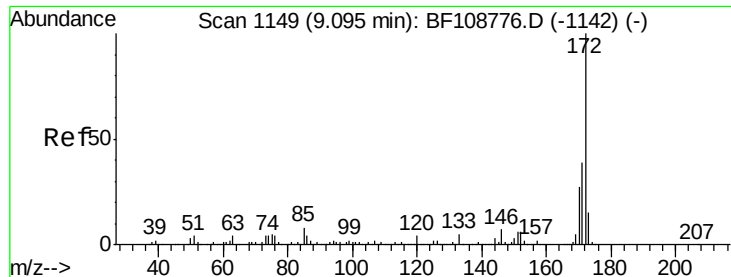
#41
 2,4,6-Tribromophenol
 Concen: 14.506 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108967.D
 Acq: 13 Sep 2018 16:35

Tgt Ion:330 Resp: 43708
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 32.5 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

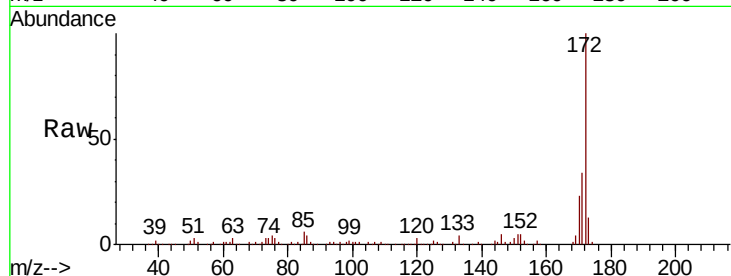




#44
2-Fluorobiphenyl
Concen: 12.482 ng
RT: 9.08 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF108967.D
Acq: 13 Sep 2018 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	22.7	19.6	29.4

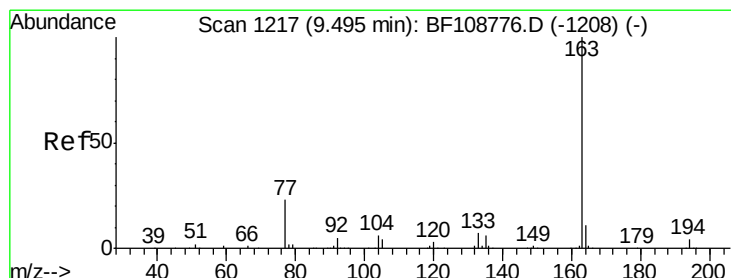
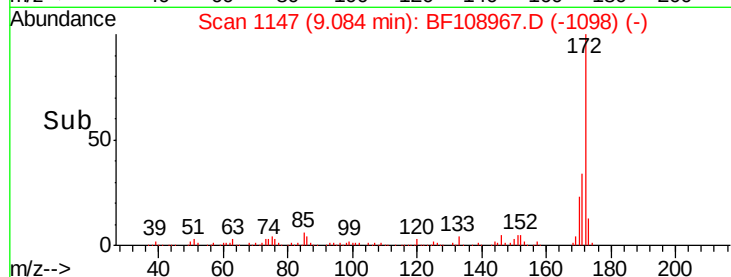
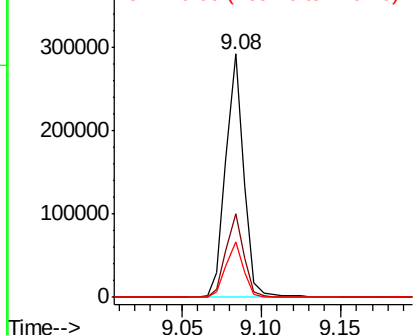


Abundance

Ion 172.00 (171.70 to 172.70): E

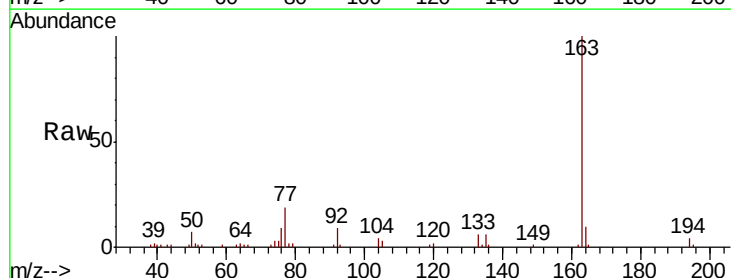
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 2.082 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF108967.D
Acq: 13 Sep 2018 16:35

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

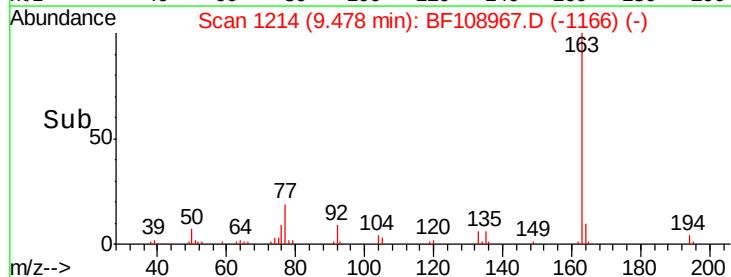
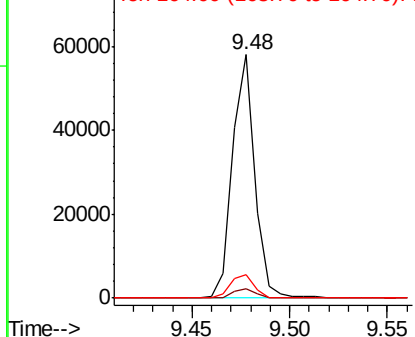


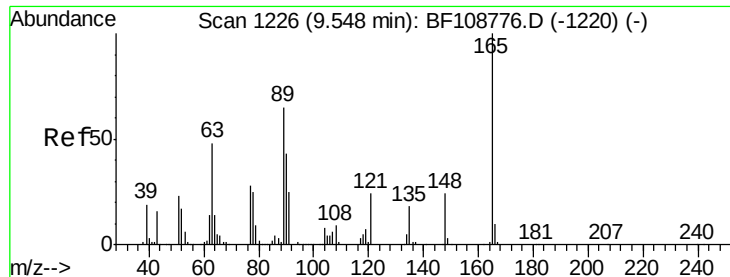
Abundance

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

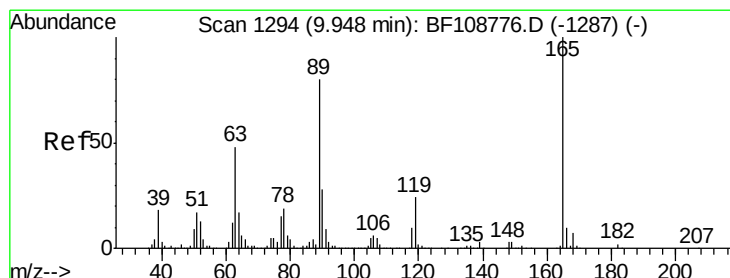
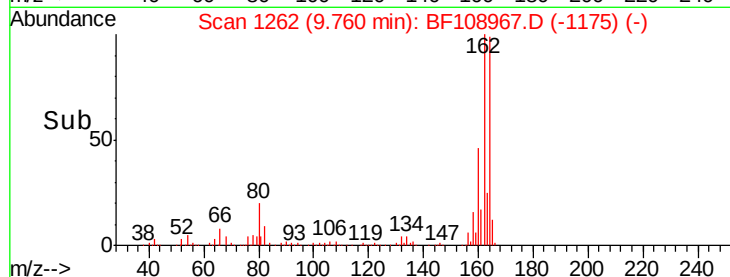
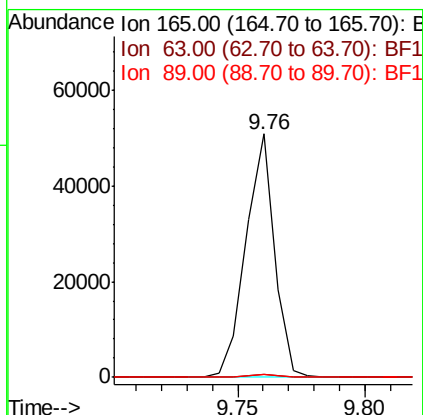
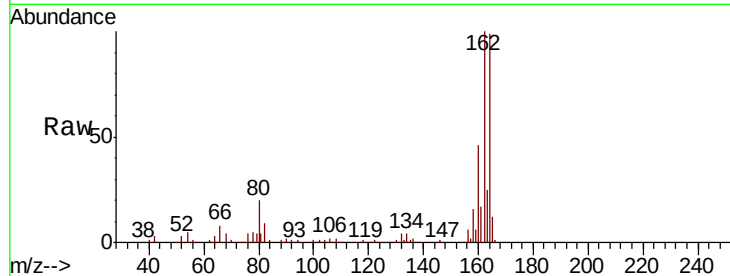




#50
 2,6-Dinitrotoluene
 Concen: 9.487 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. 0.21 min
 Lab File: BF108967.D
 Acq: 13 Sep 2018 16:35

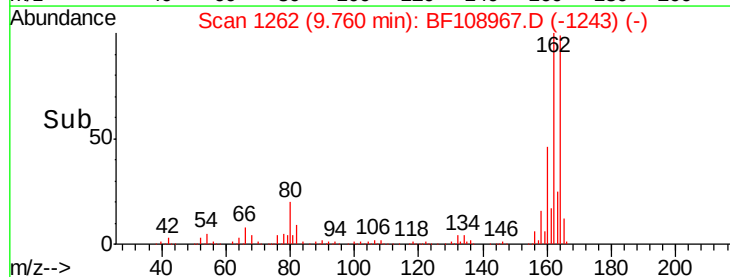
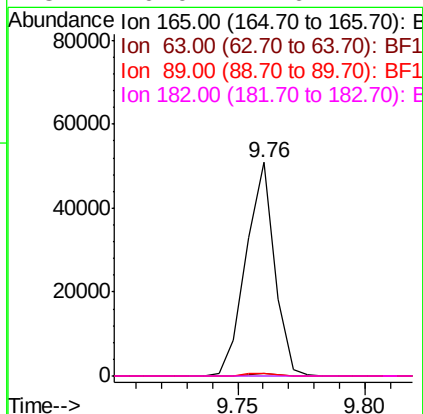
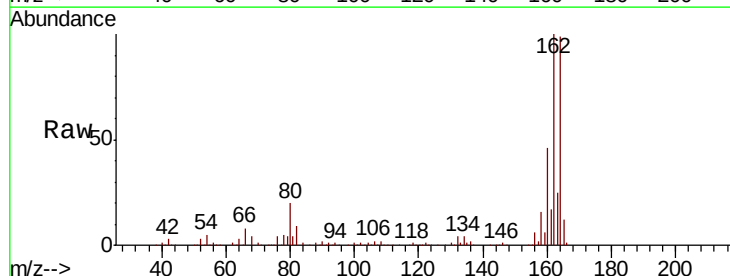
Instrument :
 BNA_F
 ClientSampleId :

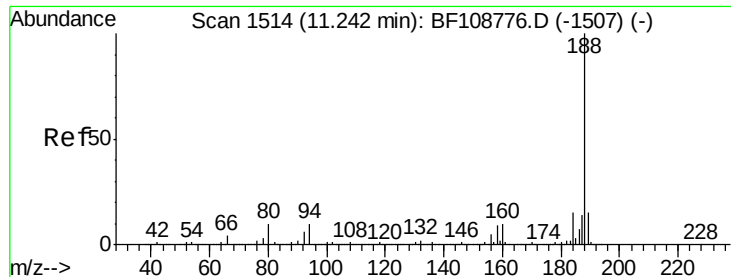
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.418 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.19 min
 Lab File: BF108967.D
 Acq: 13 Sep 2018 16:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

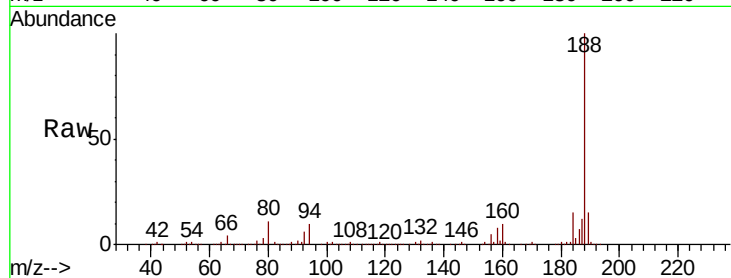




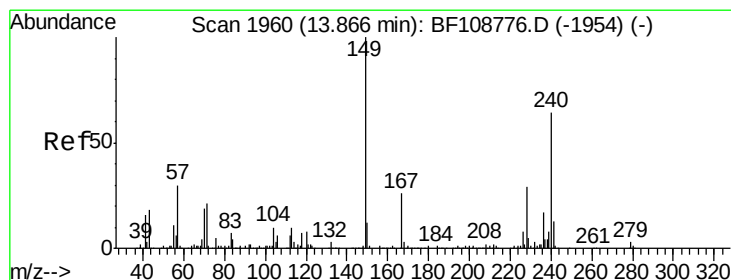
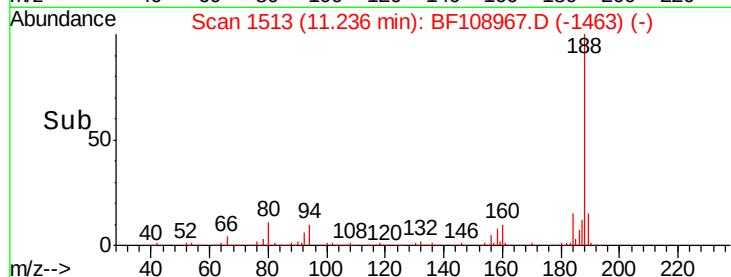
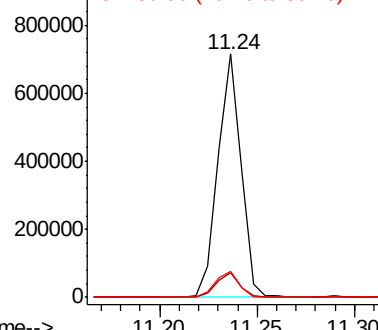
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108967.D
Acq: 13 Sep 2018 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 591153
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.7 9.2 13.8

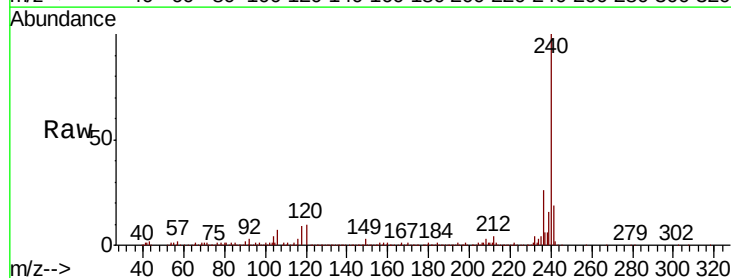


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

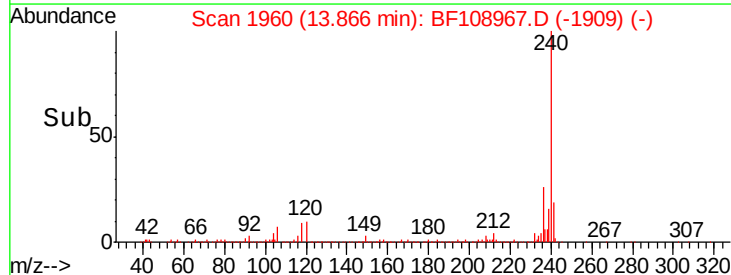
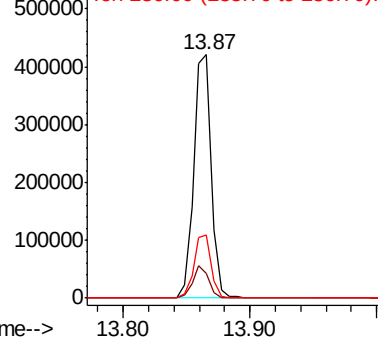


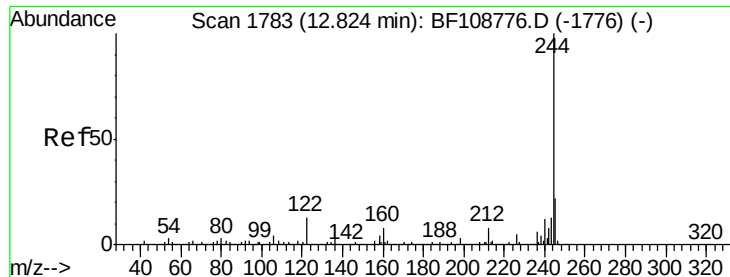
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108967.D
Acq: 13 Sep 2018 16:35

Tgt Ion:240 Resp: 406231
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 26.0 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: 12.141 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108967.D

Acq: 13 Sep 2018 16:35

Instrument :

BNA_F

ClientSampleId :

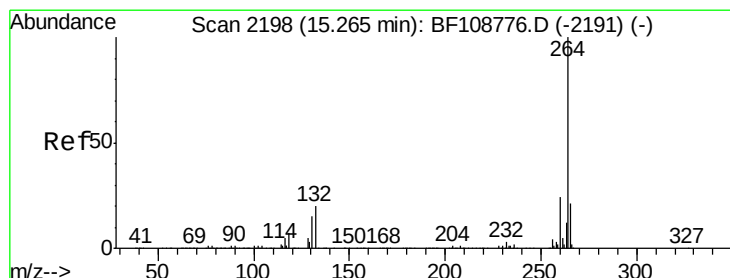
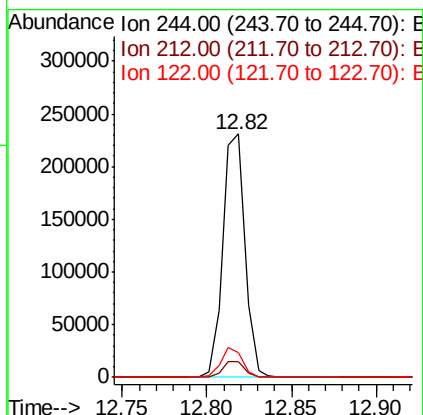
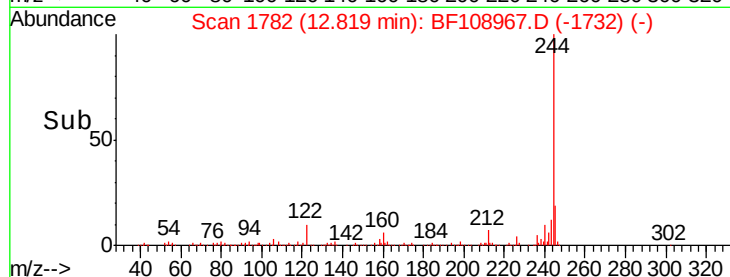
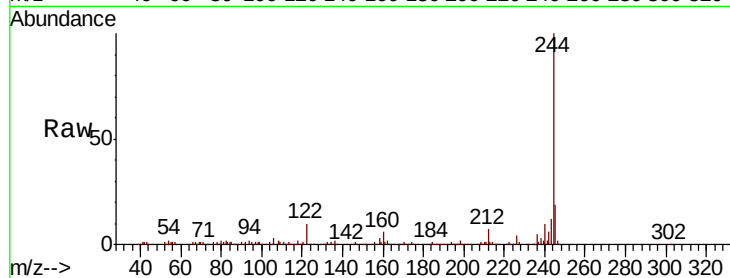
Tot Ion:244 Resp: 211499

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.0 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF108967.D

Acq: 13 Sep 2018 16:35

Tgt Ion:264 Resp: 434706

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.5 17.5 26.3

