

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108816.D
 Acq On : 6 Sep 2018 10:45
 Operator : JU/SJ
 Sample : J4741-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 13:16:53 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

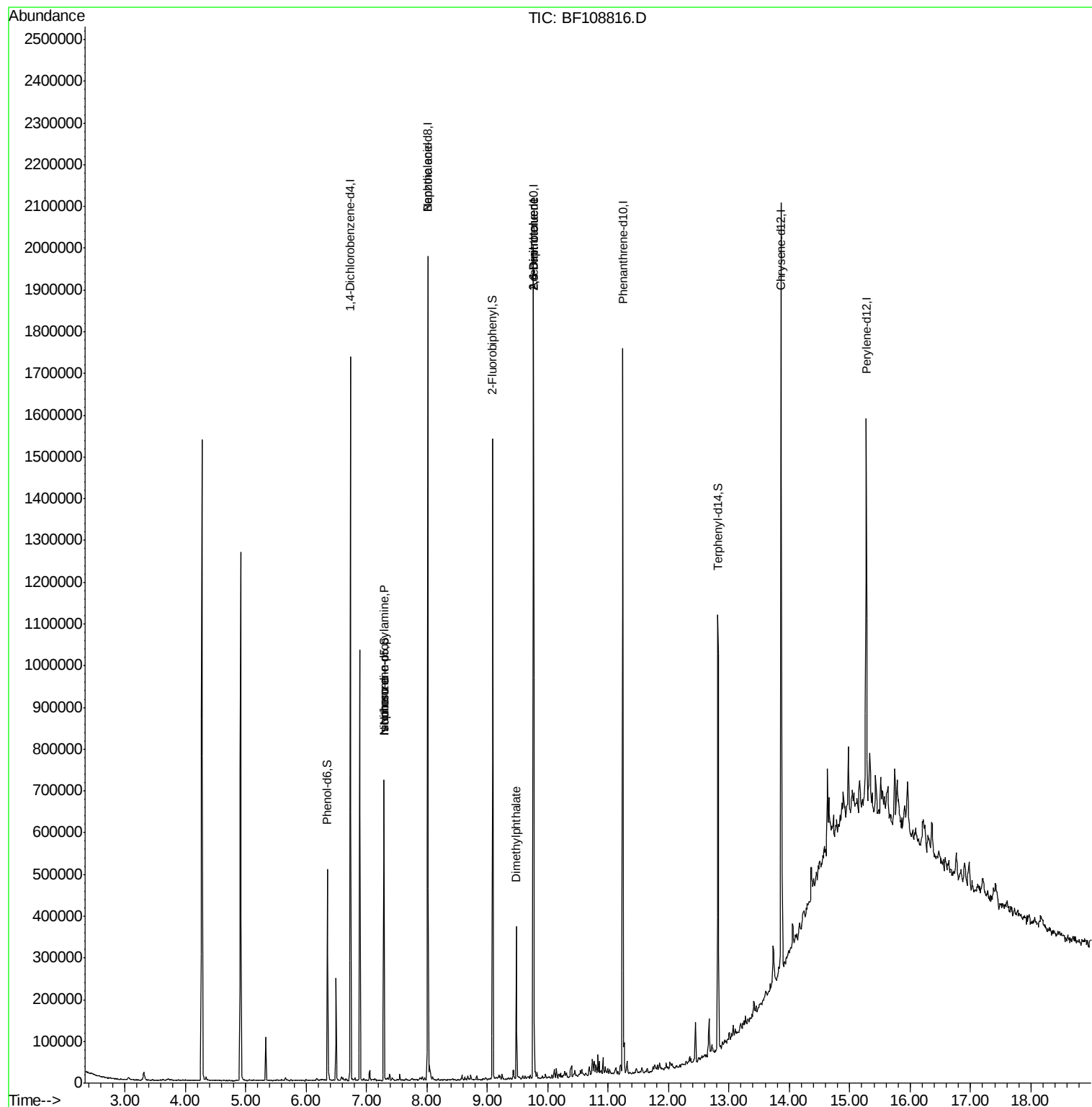
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	237095	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	864636	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	344038	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	550705	20.00	ng	0.00
75) Chrysene-d12	13.87	240	560334	20.00	ng	0.00
86) Perylene-d12	15.28	264	428408	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	28249	1.97	ng	0.00
7) Phenol-d6	6.35	99	144220	7.83	ng	-0.01
23) Nitrobenzene-d5	7.29	82	201911	14.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	1079	0.33	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	401312	19.90	ng	0.00
78) Terphenyl-d14	12.82	244	331329	13.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	26510	2.071	ng	# 76
25) Isophorone	7.29	82	200293	7.268	ng	# 64
32) Benzoic acid	8.02	122	146	4.037	ng	# 1
49) Dimethylphthalate	9.48	163	121082	5.032	ng	99
50) 2,6-Dinitrotoluene	9.77	165	44100	9.618	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	44100	7.521	ng	# 23

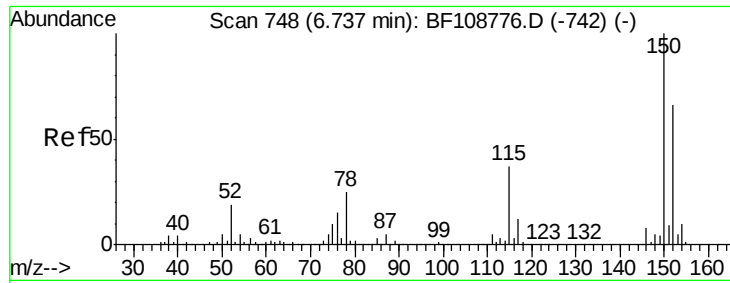
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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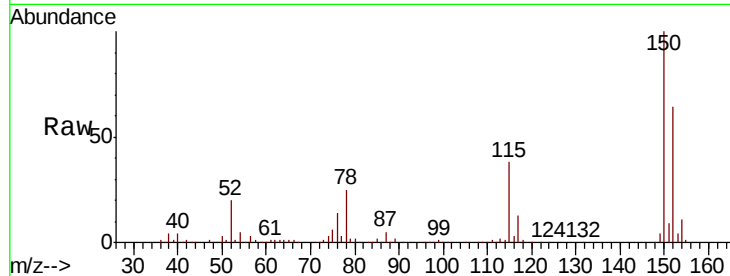


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108816.D
 Acq: 6 Sep 2018 10:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	59.7	50.1	75.1

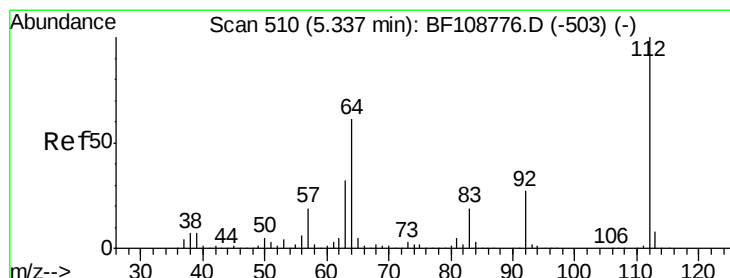
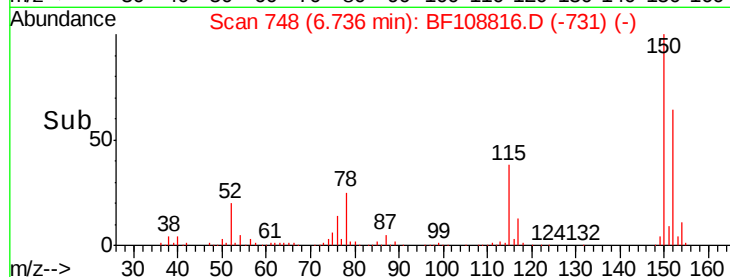
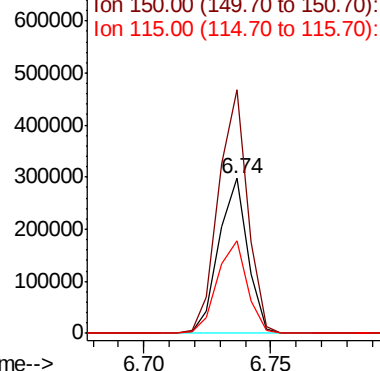


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

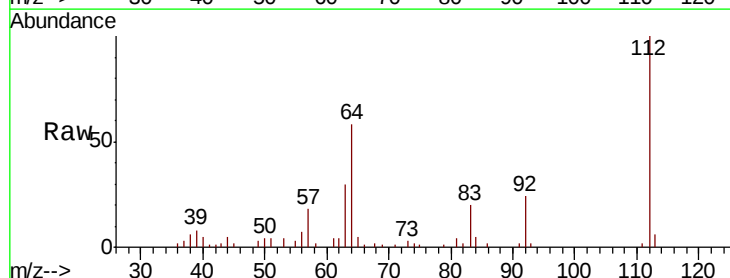
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 1.974 ng
 RT: 5.33 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF108816.D
 Acq: 6 Sep 2018 10:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.6	23.7	35.5

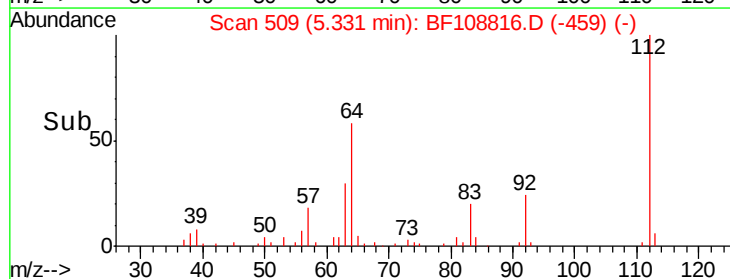
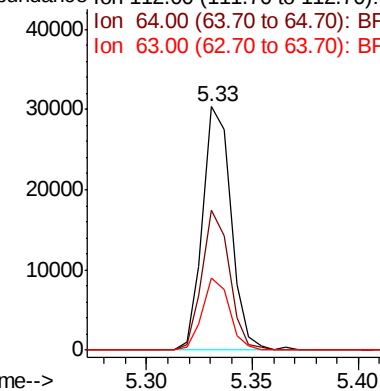


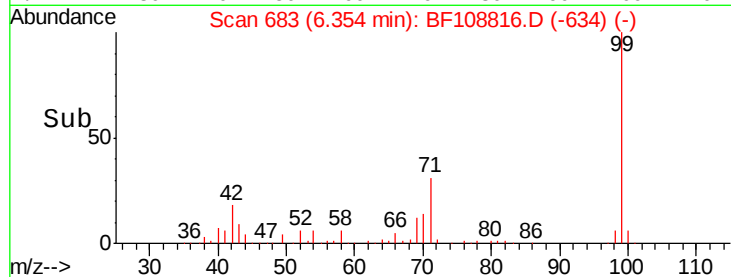
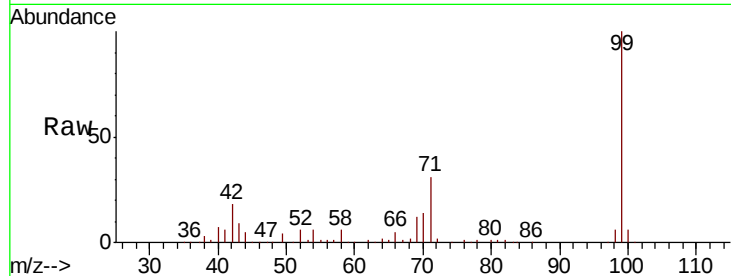
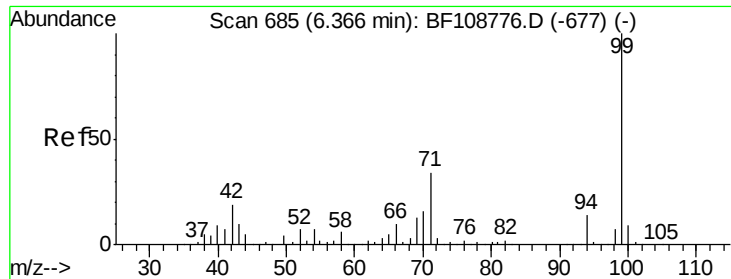
Abundance

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

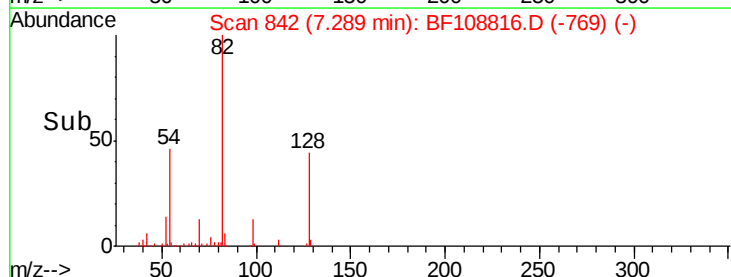
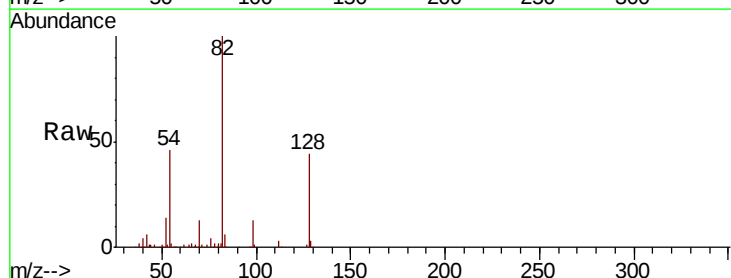
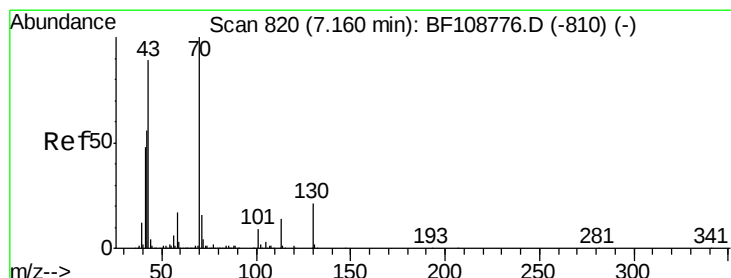
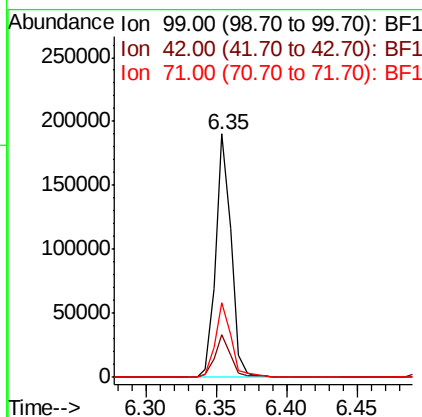




#7
Phenol-d6
Concen: 7.832 ng
RT: 6.35 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

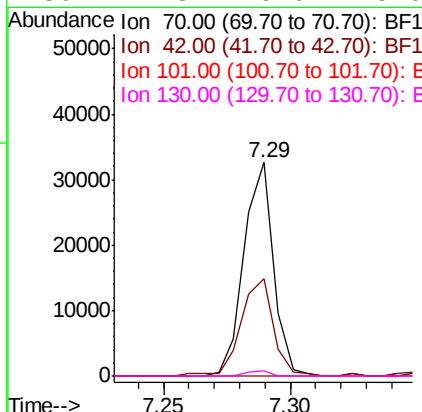
Instrument :
BNA_F
ClientSampled :

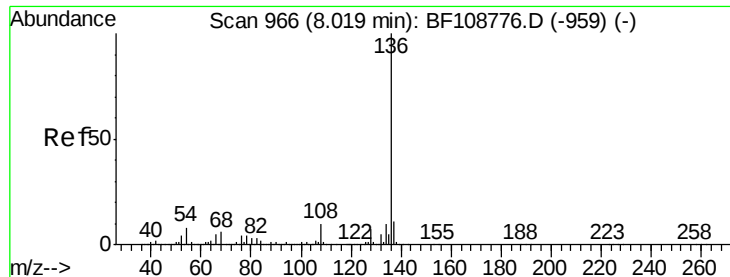
Tot Ion: 99 Resp: 144220
Ion Ratio Lower Upper
99 100
42 17.5 14.5 21.7
71 30.8 25.4 38.0



#19
n-Nitroso-di-n-propylamine
Concen: 2.071 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion: 70 Resp: 26510
Ion Ratio Lower Upper
70 100
42 45.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

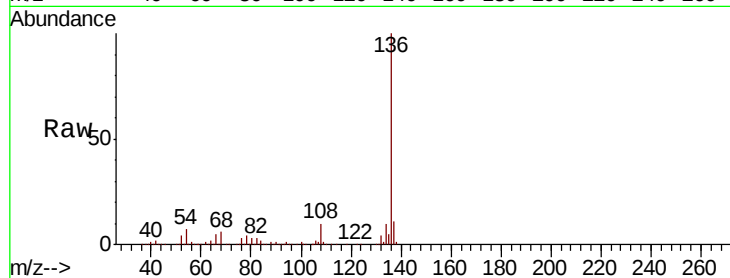




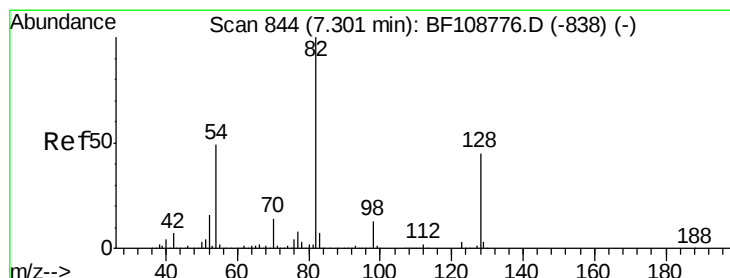
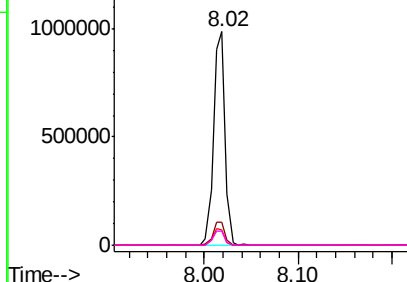
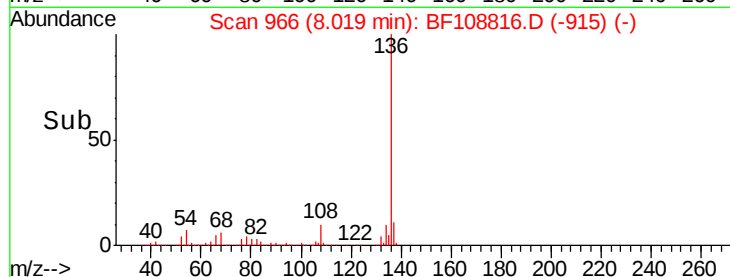
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	864636
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.2	6.6 9.8
68	6.5	5.0 7.4

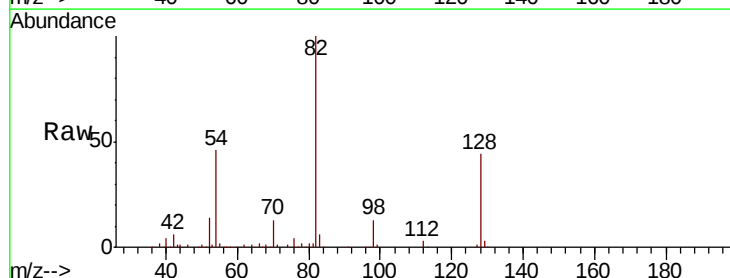


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

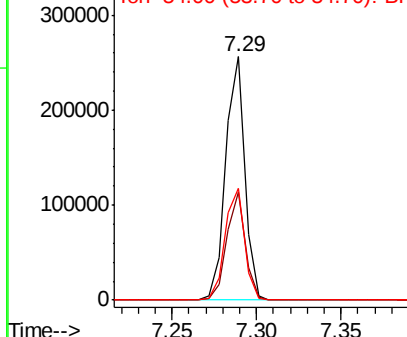
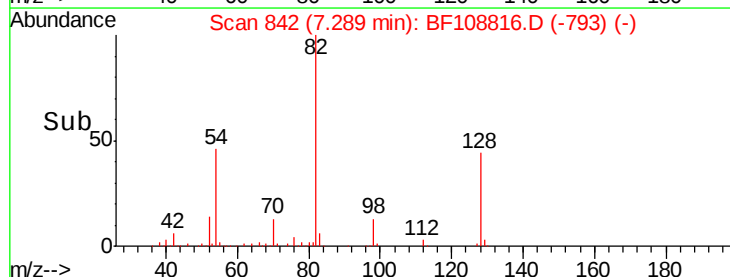


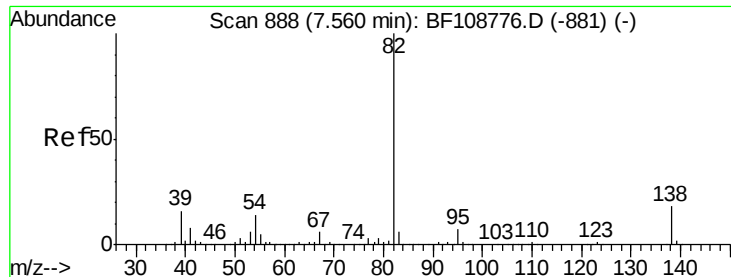
#23
Nitrobenzene-d5
Concen: 14.614 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion: 82	Resp:	201911
Ion Ratio	Lower	Upper
82	100	
128	44.2	36.1 54.1
54	45.9	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: 7.268 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108816.D

Acq: 6 Sep 2018 10:45

Instrument :

BNA_F

ClientSampleId :

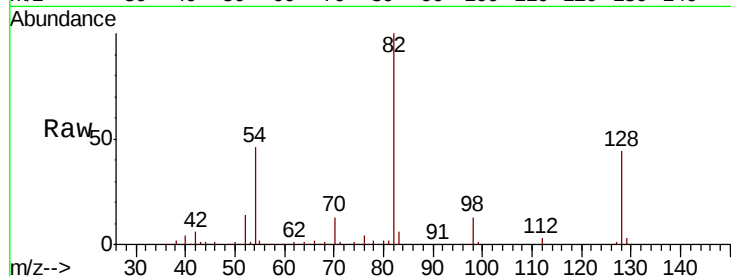
Tot Ion: 82 Resp: 200293

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

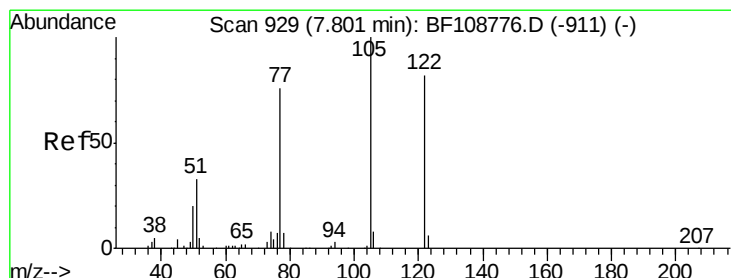
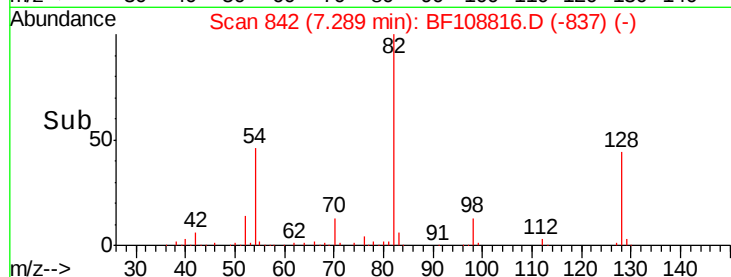
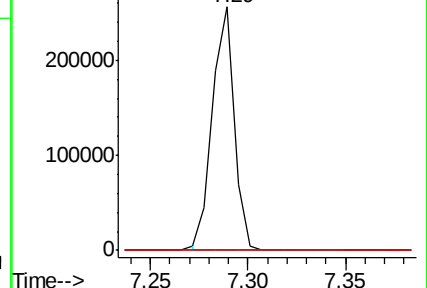
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 4.037 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.22 min

Lab File: BF108816.D

Acq: 6 Sep 2018 10:45

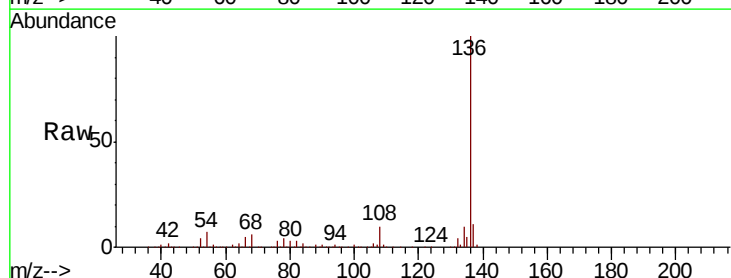
Tgt Ion:122 Resp: 146

Ion Ratio Lower Upper

122 100

105 278.3 101.1 141.1#

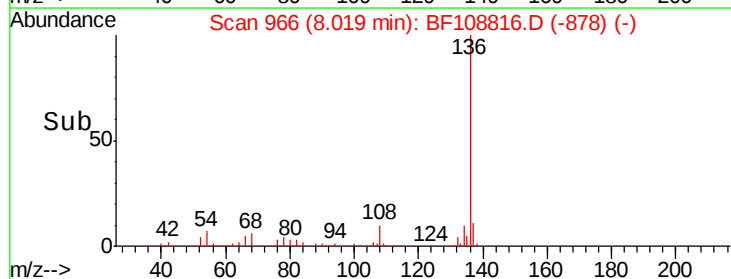
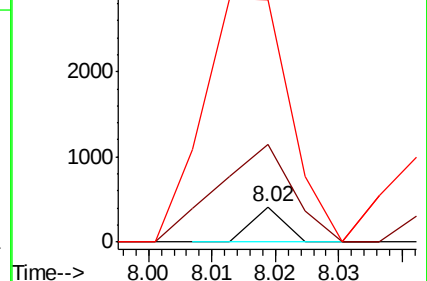
77 687.0 70.7 110.7#

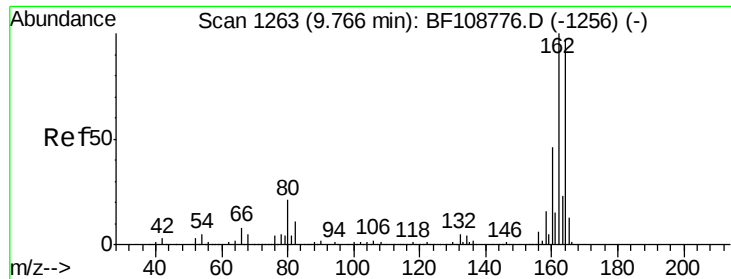


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

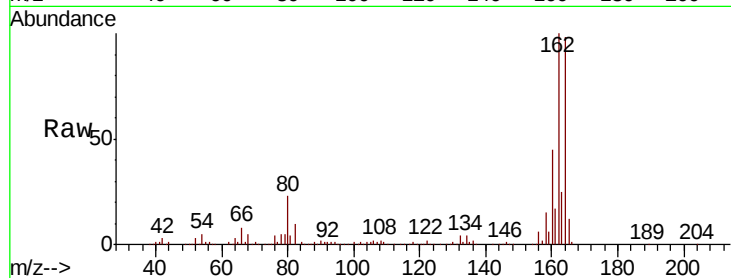




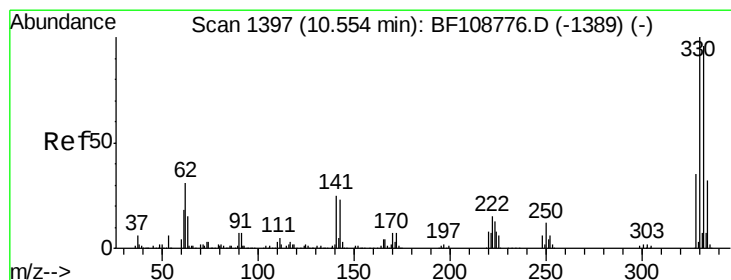
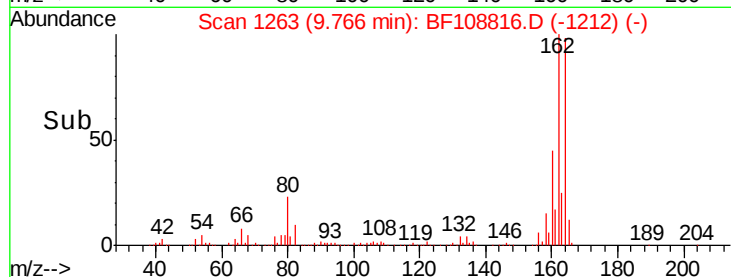
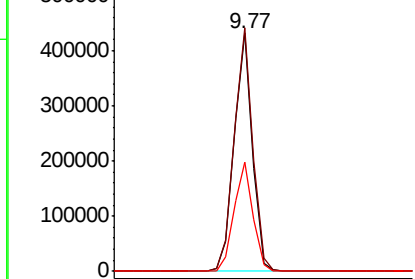
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108816.D
 Acq: 6 Sep 2018 10:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 344038
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 46.0 38.3 57.5

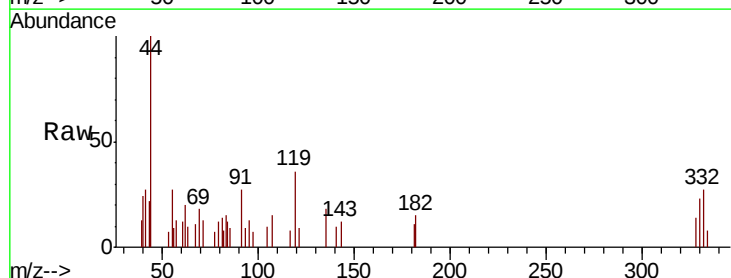


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

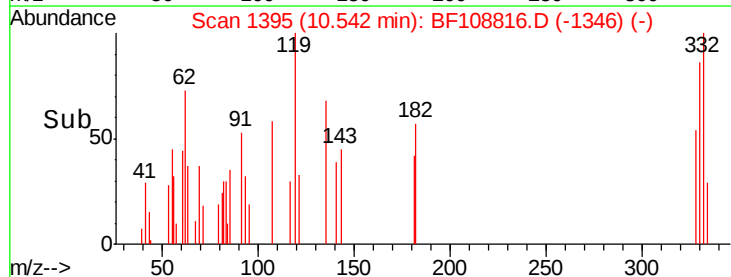
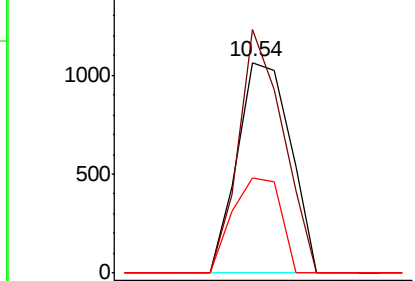


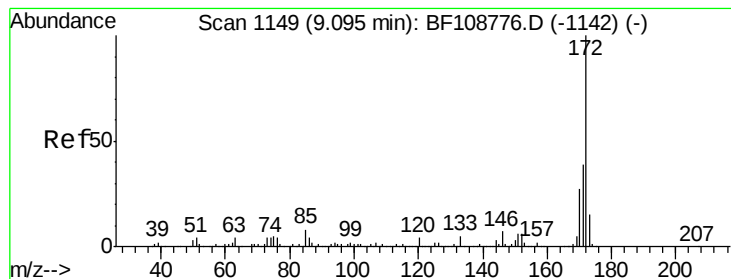
#41
 2,4,6-Tribromophenol
 Concen: 0.329 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108816.D
 Acq: 6 Sep 2018 10:45

Tgt Ion:330 Resp: 1079
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 41.1 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

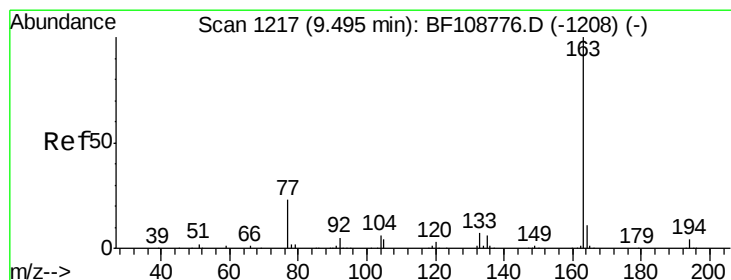
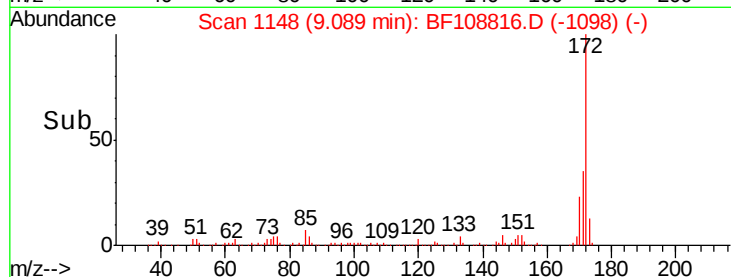
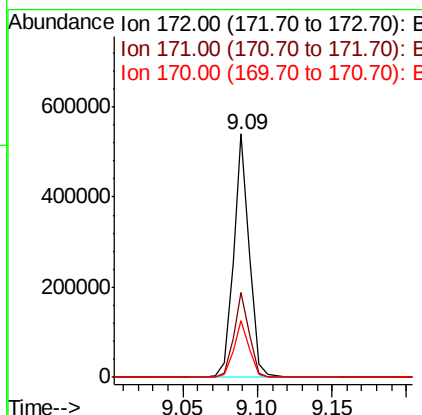
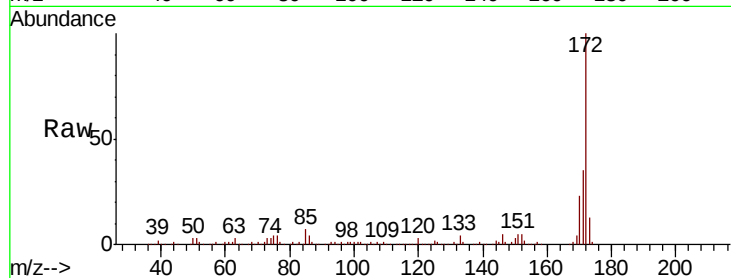




#44
 2-Fluorobiphenyl
 Concen: 19.900 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108816.D
 Acq: 6 Sep 2018 10:45

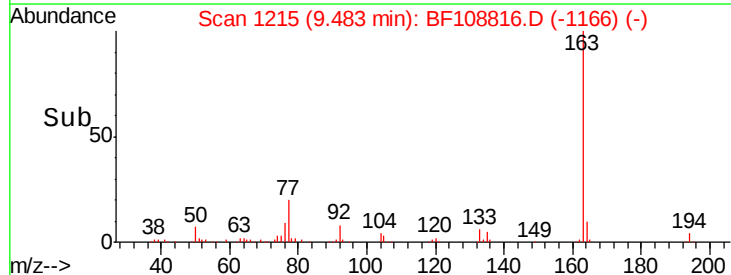
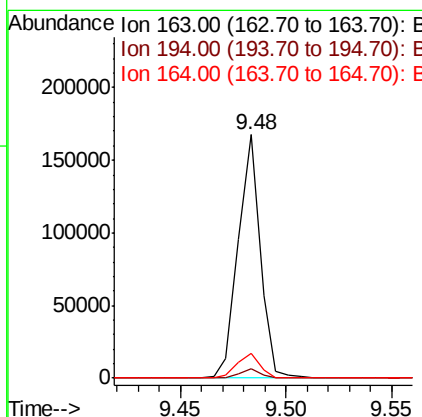
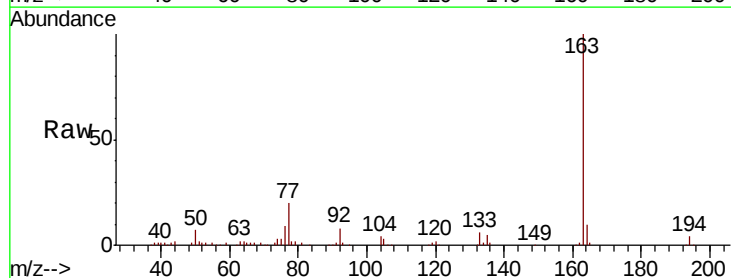
Instrument :
 BNA_F
 ClientSampleId :

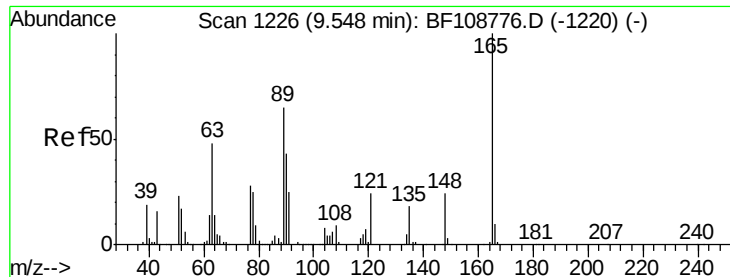
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.4	19.6	29.4



#49
 Dimethylphthalate
 Concen: 5.032 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF108816.D
 Acq: 6 Sep 2018 10:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2

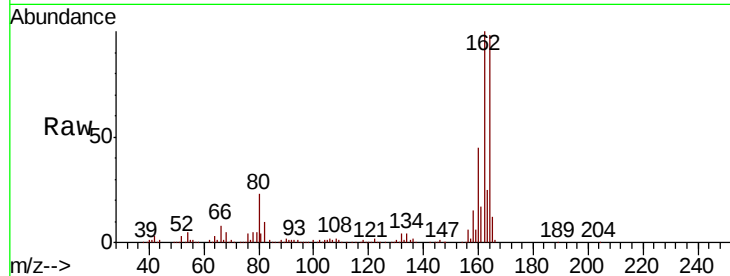




#50
 2,6-Dinitrotoluene
 Concen: 9.618 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.22 min
 Lab File: BF108816.D
 Acq: 6 Sep 2018 10:45

Instrument :
 BNA_F
 ClientSampleId :

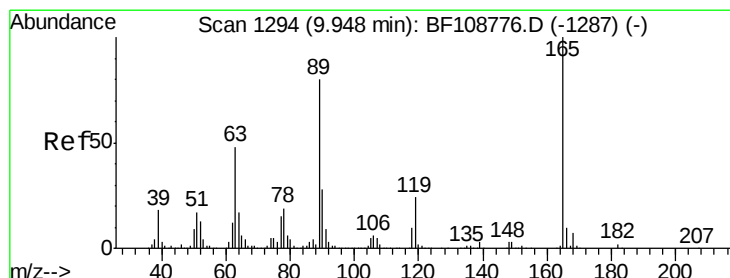
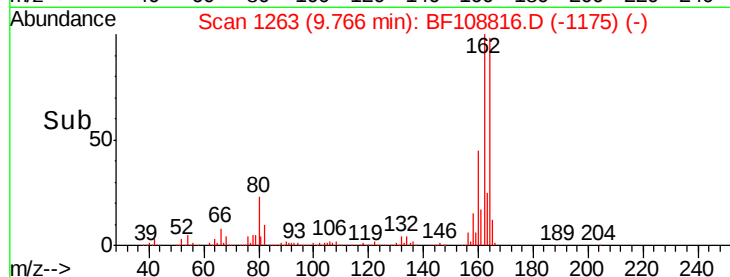
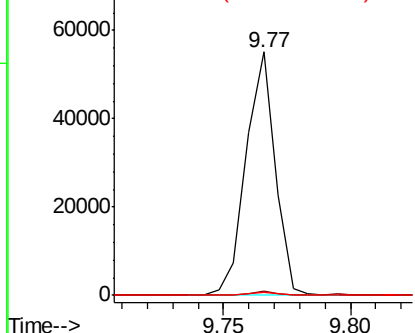
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

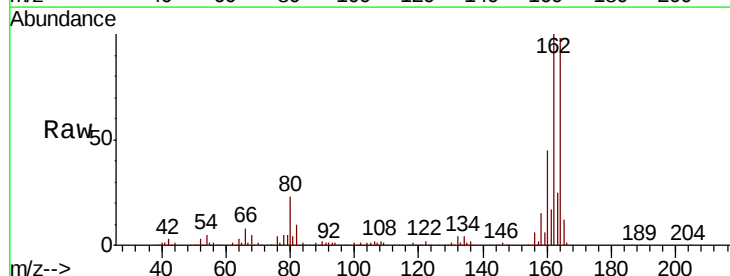
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 7.521 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108816.D
 Acq: 6 Sep 2018 10:45

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

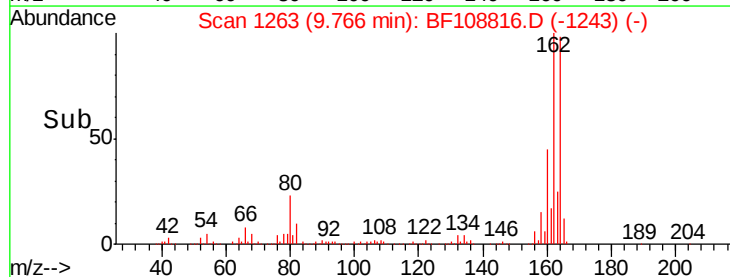
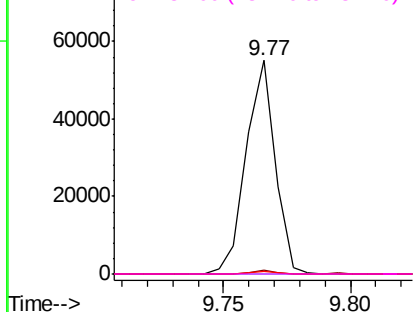


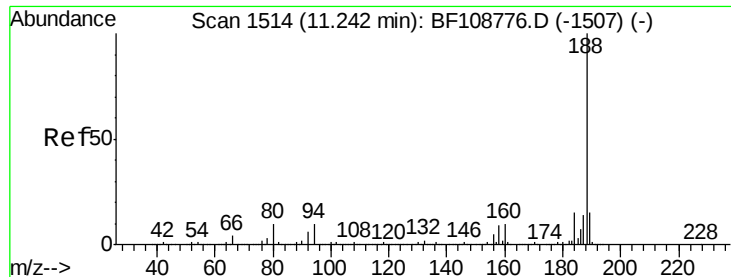
Abundance Ion 165.00 (164.70 to 165.70): E

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

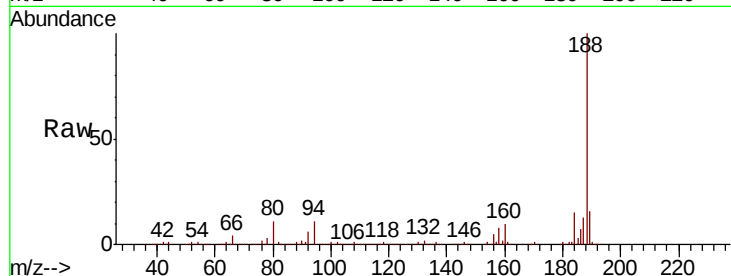




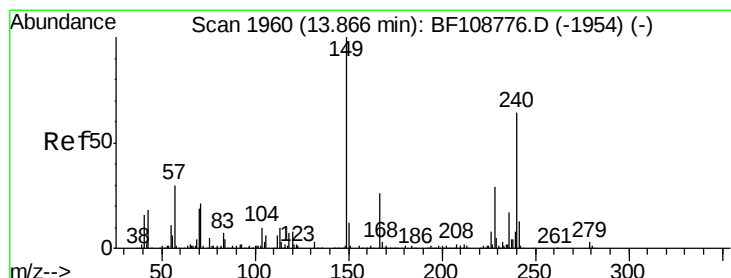
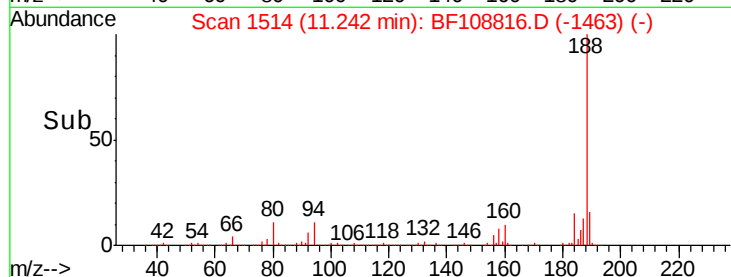
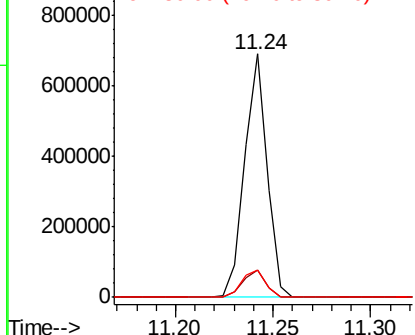
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 550705
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.2 9.2 13.8

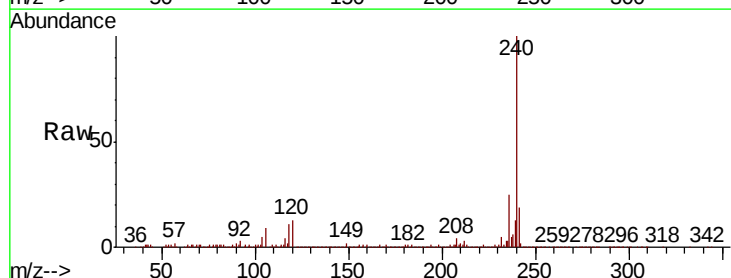


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

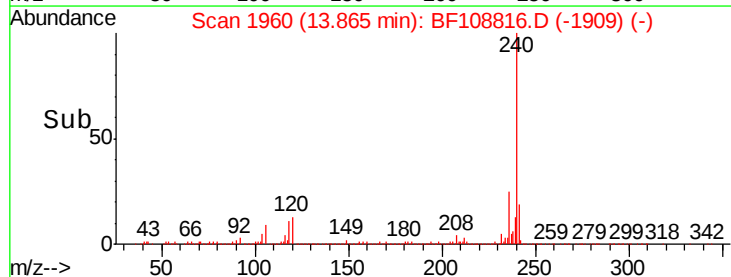
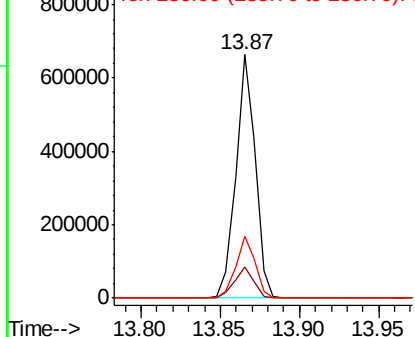


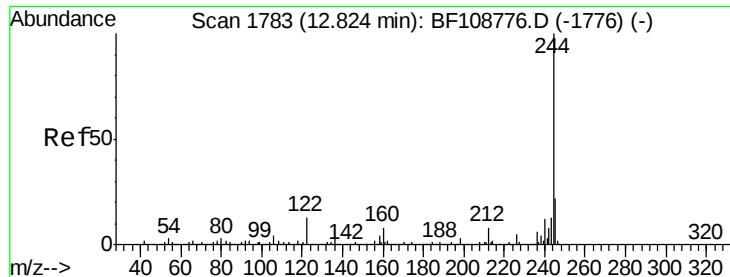
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion:240 Resp: 560334
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.4 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: 13.789 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108816.D

Acq: 6 Sep 2018 10:45

Instrument :

BNA_F

ClientSampleId :

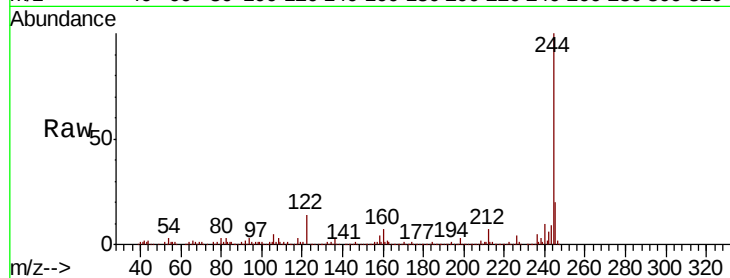
Tot Ion:244 Resp: 331329

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

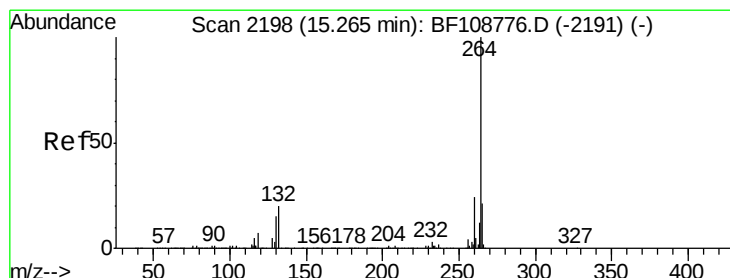
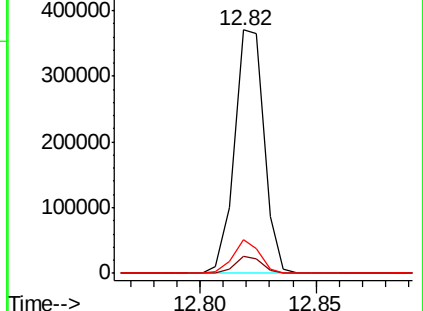
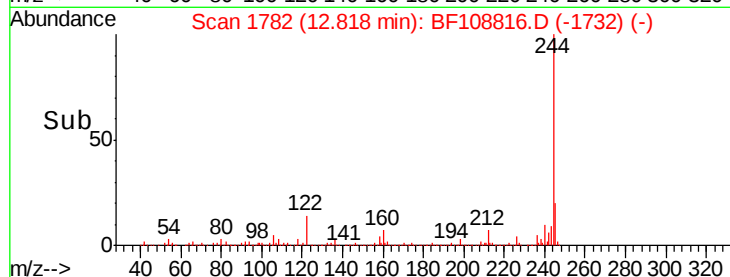
122 14.0 11.0 16.4



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: 15.28 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF108816.D

Acq: 6 Sep 2018 10:45

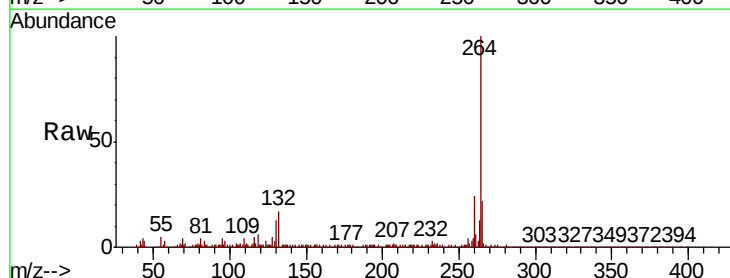
Tgt Ion:264 Resp: 428408

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 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

