

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109735.D
 Acq On : 10 Oct 2018 9:59
 Operator : JU/SJ
 Sample : J5299-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 10:54:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

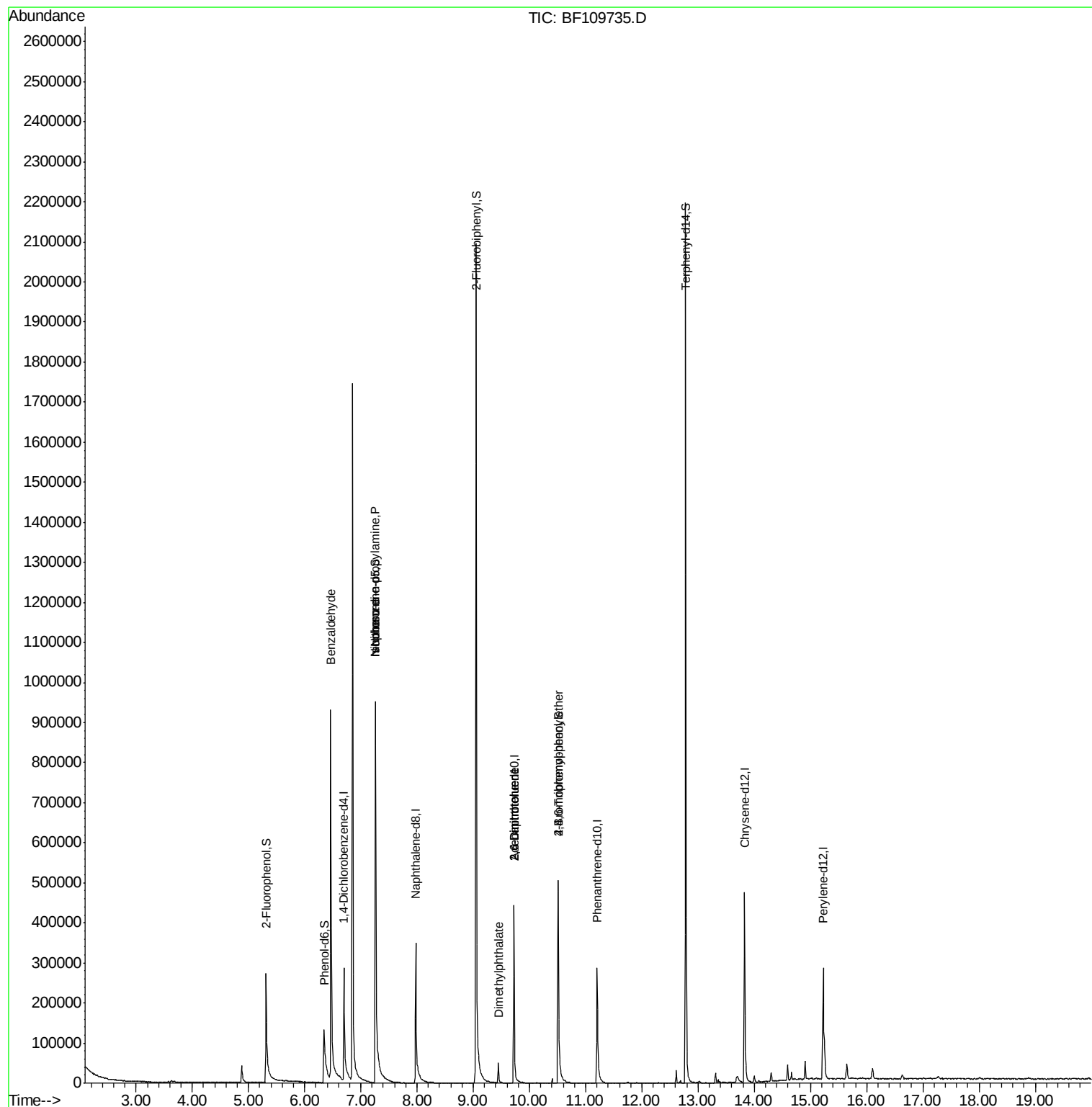
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	72648	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	262785	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	104502	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	195494	20.00	ng	0.00
75) Chrysene-d12	13.83	240	216814	20.00	ng	0.00
86) Perylene-d12	15.23	264	166997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	158610	38.75	ng	-0.01
7) Phenol-d6	6.35	99	134372	24.58	ng	-0.01
23) Nitrobenzene-d5	7.26	82	511635	107.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	99560	87.44	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	816168	107.56	ng	0.00
78) Terphenyl-d14	12.78	244	823157	73.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	7927	2.253	ng	# 70
19) n-Nitroso-di-n-propylamine	7.26	70	65484	17.079	ng	# 81
25) Isophorone	7.26	82	516545	65.251	ng	# 67
49) Dimethylphthalate	9.45	163	31670	4.132	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	12853	7.736	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	12853	6.199	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	5136	2.286	ng	# 1

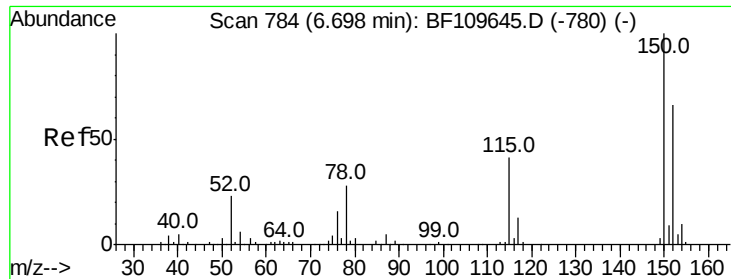
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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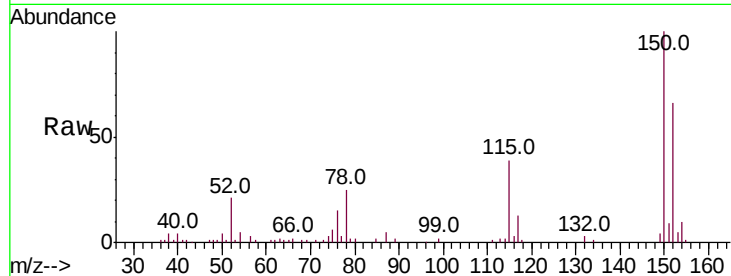


#1

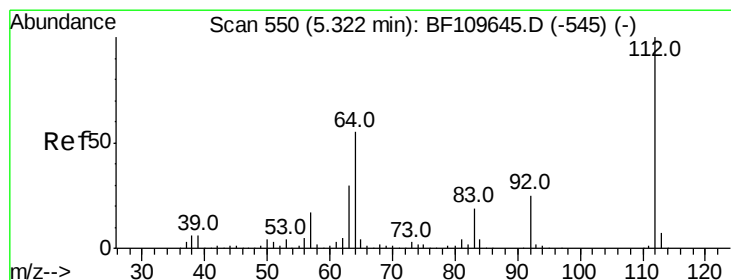
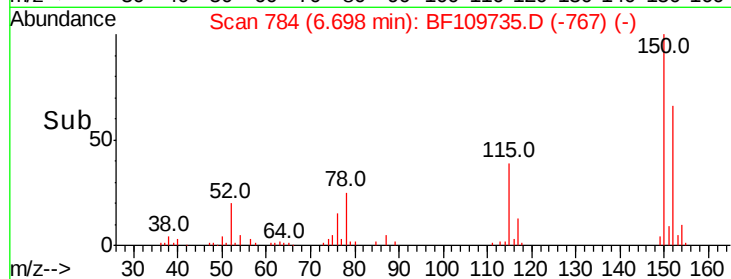
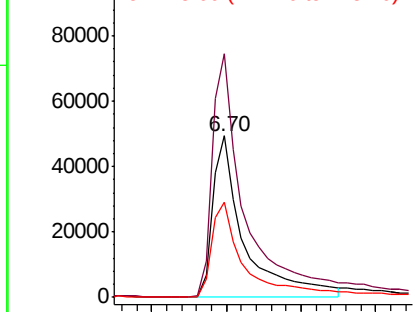
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109735.D
 Acq: 10 Oct 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 72648
 Ion Ratio Lower Upper
 152 100
 150 150.9 122.7 184.1
 115 58.7 49.1 73.7



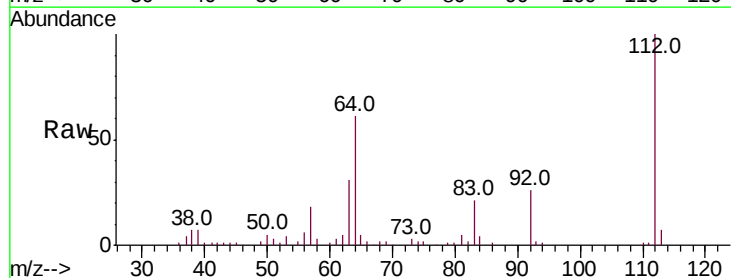
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



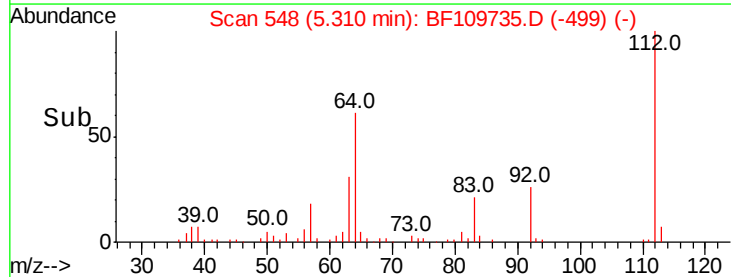
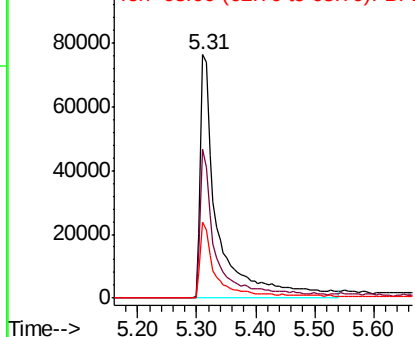
#5

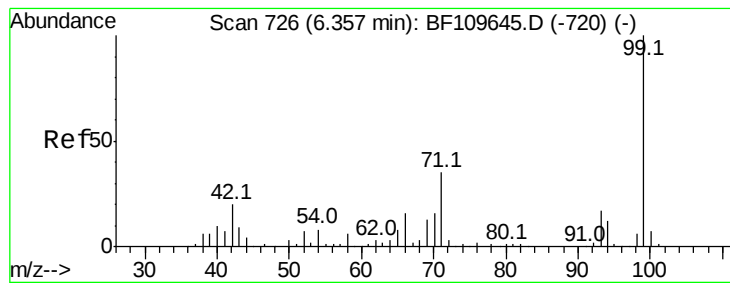
2-Fluorophenol
 Concen: 38.754 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109735.D
 Acq: 10 Oct 2018 9:59

Tgt Ion:112 Resp: 158610
 Ion Ratio Lower Upper
 112 100
 64 61.3 44.1 66.1
 63 31.4 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: 24.577 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109735.D

Acq: 10 Oct 2018 9:59

Instrument :

BNA_F

ClientSampleId :

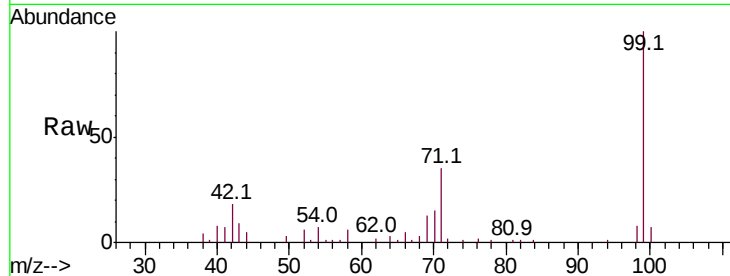
Tot Ion: 99 Resp: 134372

Ion Ratio Lower Upper

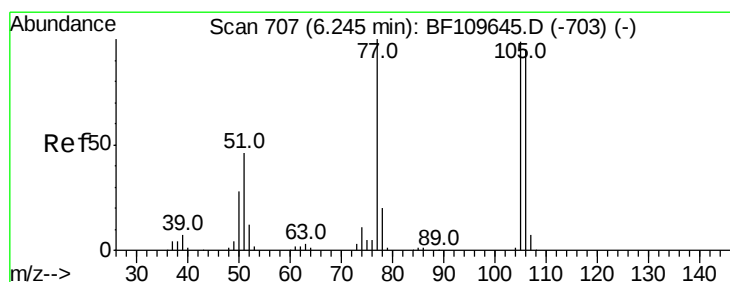
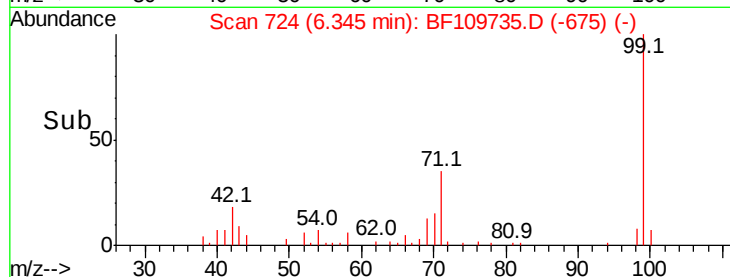
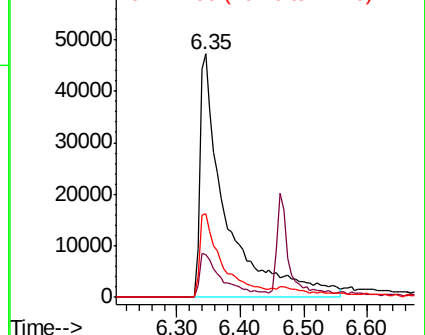
99 100

42 17.7 15.8 23.6

71 34.6 28.0 42.0



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



#9

Benzaldehyde

Concen: 2.253 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109735.D

Acq: 10 Oct 2018 9:59

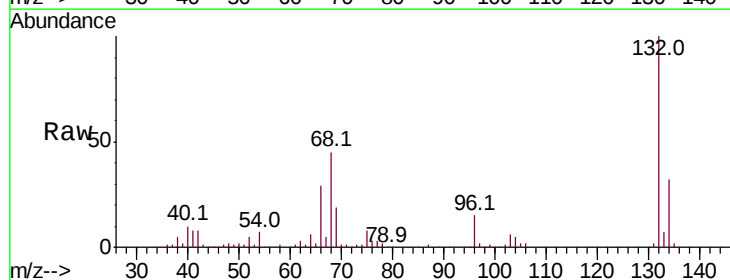
Tgt Ion: 77 Resp: 7927

Ion Ratio Lower Upper

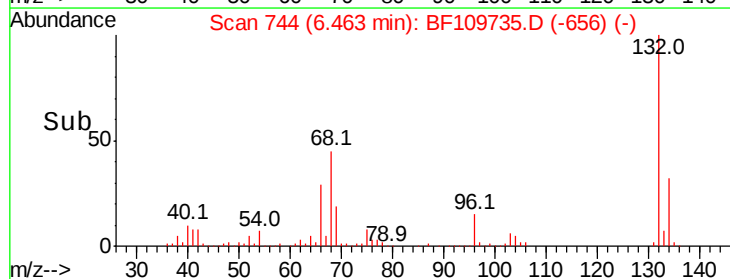
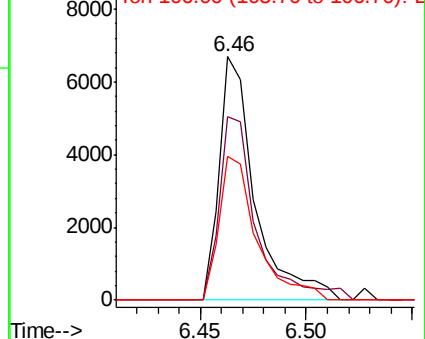
77 100

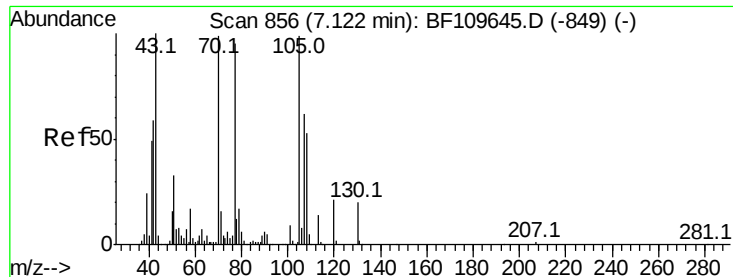
105 75.4 78.6 118.6#

106 59.0 74.8 114.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

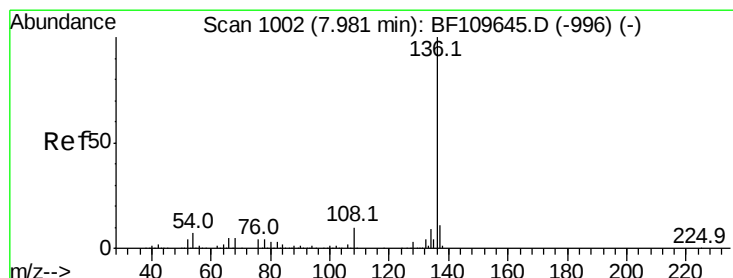
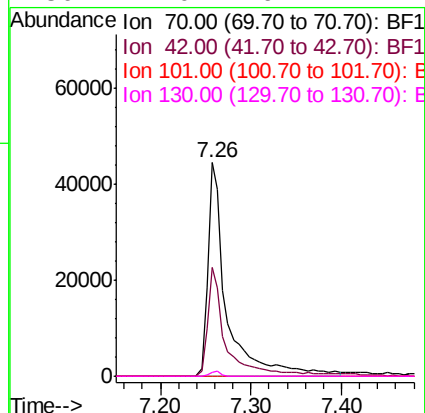
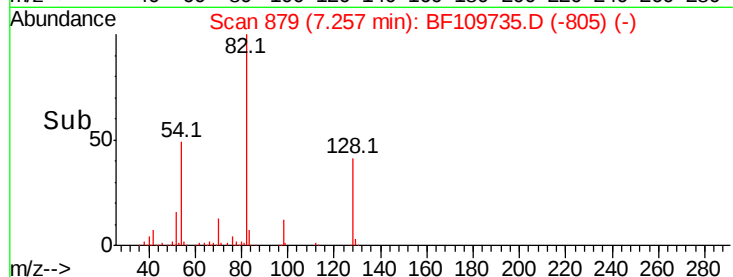
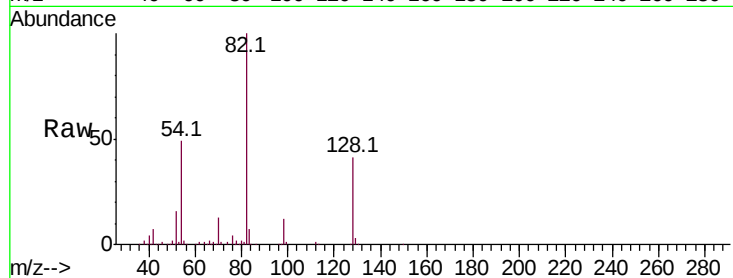




#19
n-Nitroso-di-n-propylamine
Concen: 17.079 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109735.D
Acq: 10 Oct 2018 9:59

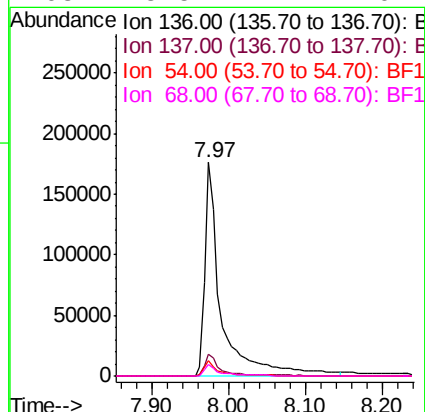
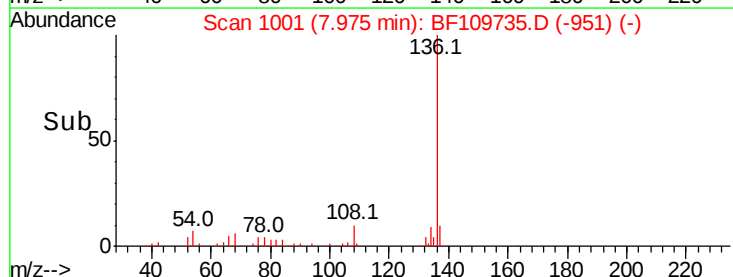
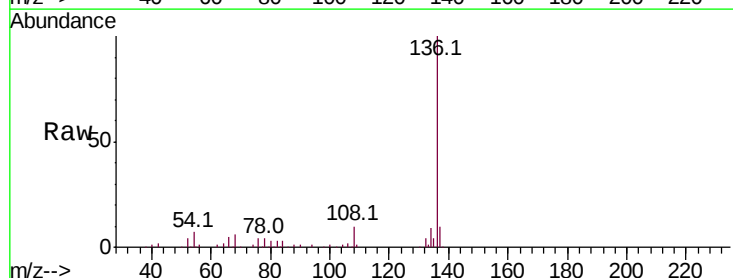
Instrument :
BNA_F
ClientSampleId :

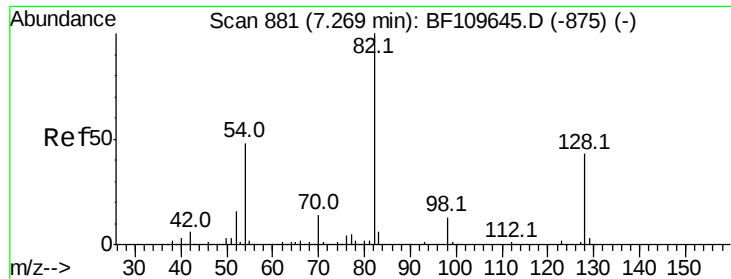
Tot Ion: 70 Resp: 65484
Ion Ratio Lower Upper
70 100
42 50.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109735.D
Acq: 10 Oct 2018 9:59

Tgt Ion:136 Resp: 262785
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.5 5.4 8.2
68 5.5 4.2 6.2

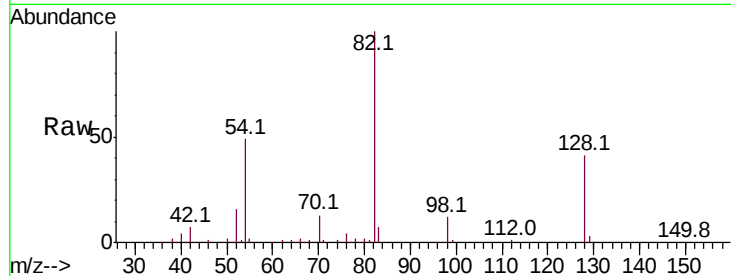




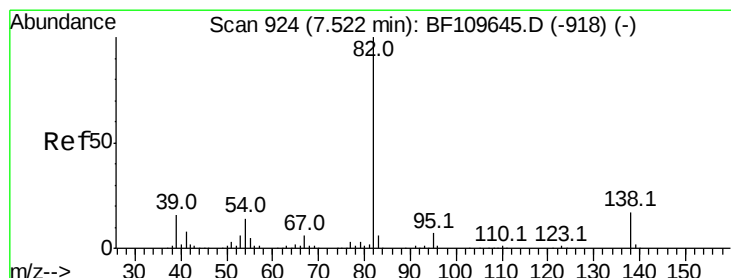
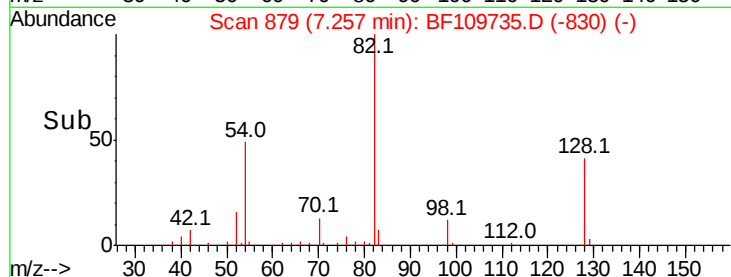
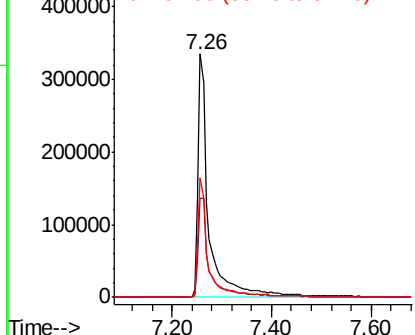
#23
Nitrobenzene-d5
Concen: 107.324 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109735.D
Acq: 10 Oct 2018 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.2	51.2
54	49.1	38.6	58.0

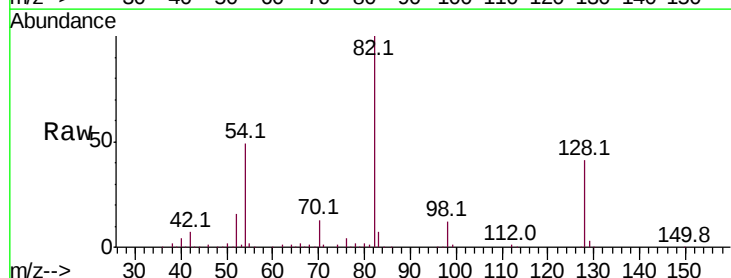


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

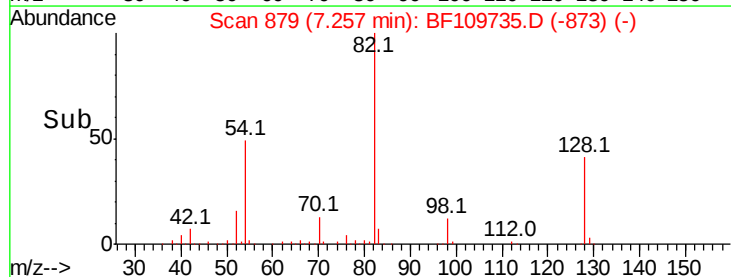
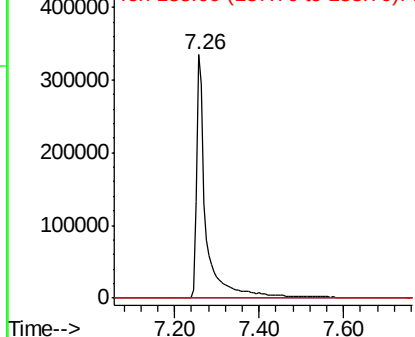


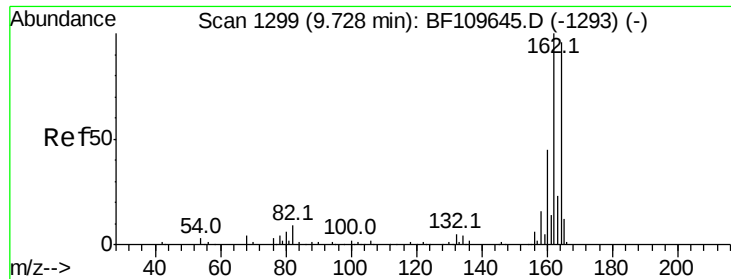
#25
Isophorone
Concen: 65.251 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109735.D
Acq: 10 Oct 2018 9:59

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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

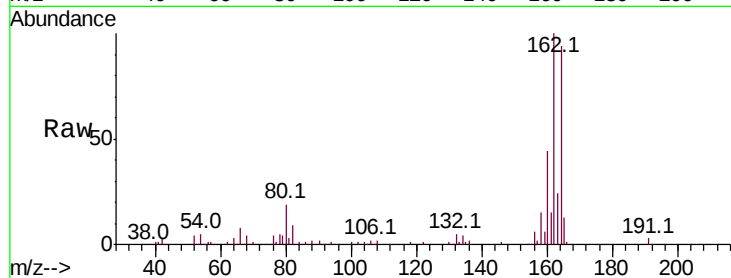




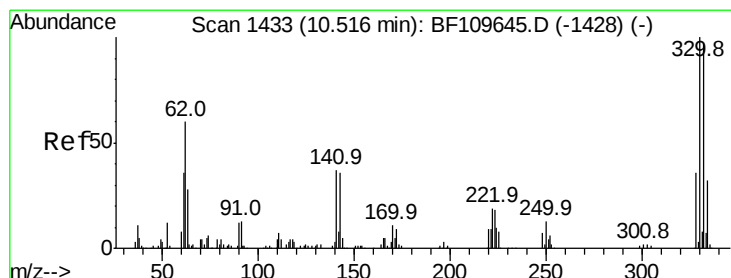
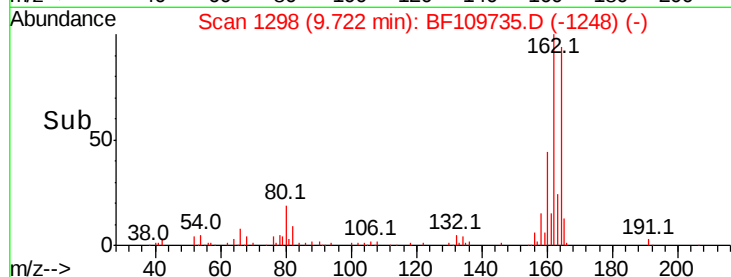
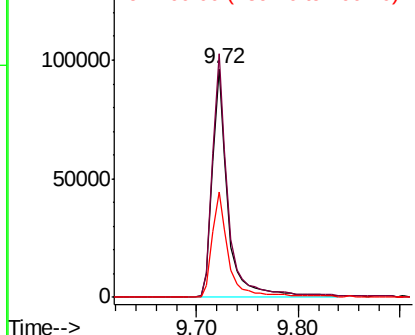
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109735.D
 Acq: 10 Oct 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 104502
 Ion Ratio Lower Upper
 164 100
 162 106.4 83.0 124.6
 160 46.3 37.0 55.6

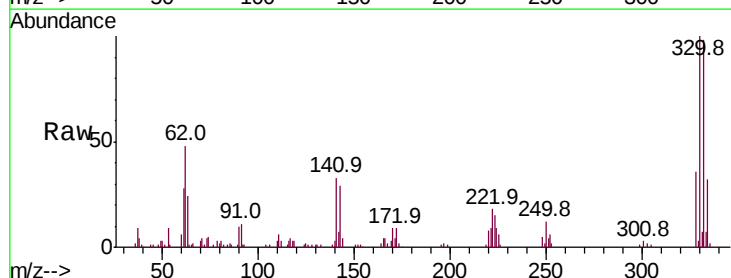


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

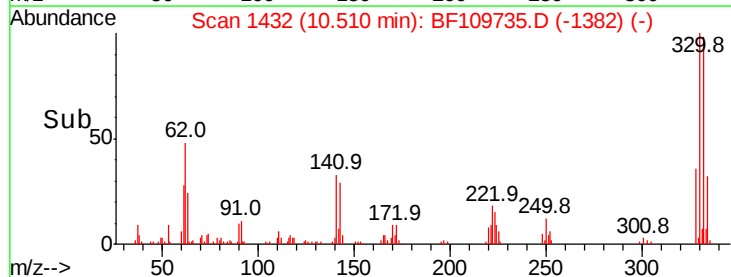
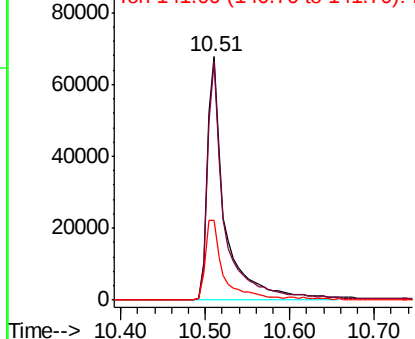


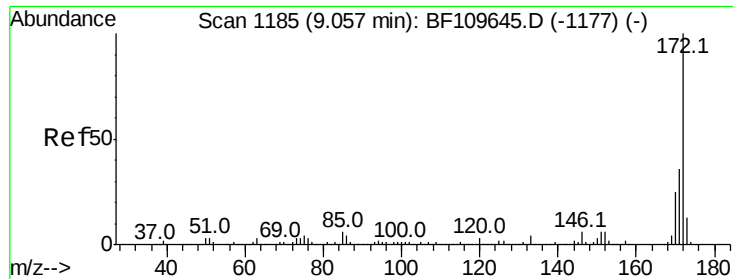
#41
 2,4,6-Tribromophenol
 Concen: 87.436 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109735.D
 Acq: 10 Oct 2018 9:59

Tgt Ion:330 Resp: 99560
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.1 115.7
 141 33.8 27.0 40.4



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

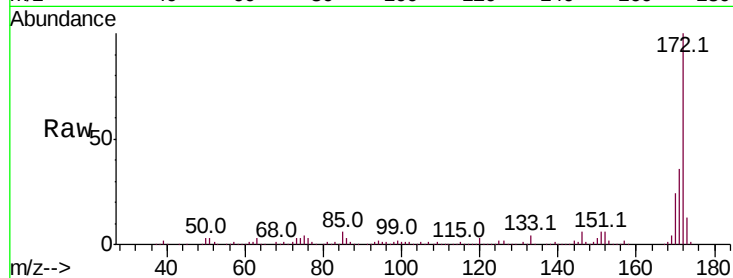




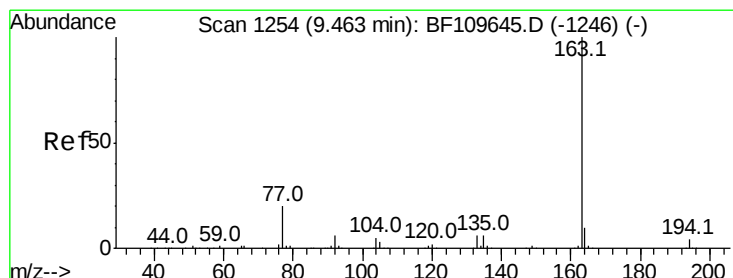
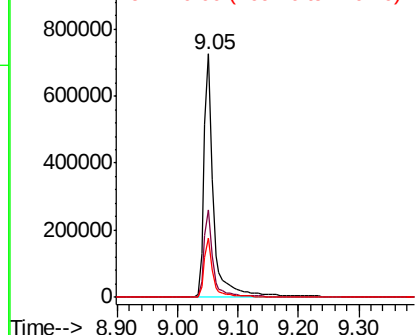
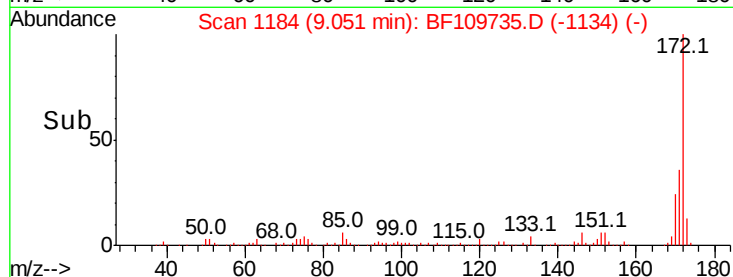
#44
2-Fluorobiphenyl
Concen: 107.564 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109735.D
Acq: 10 Oct 2018 9:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 816168
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.4 19.7 29.5

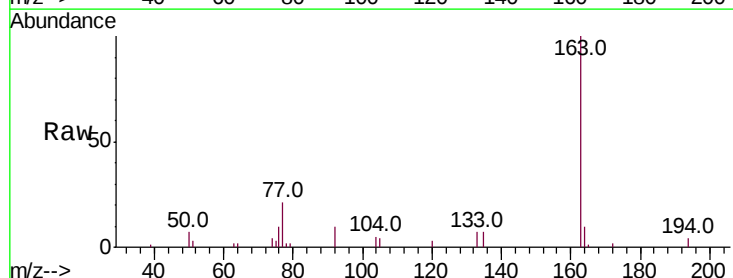


Abundance Ion 172.00 (171.70 to 172.70): E
1000000 Ion 171.00 (170.70 to 171.70): E
800000 Ion 170.00 (169.70 to 170.70): E

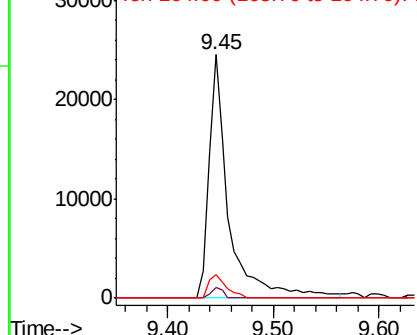
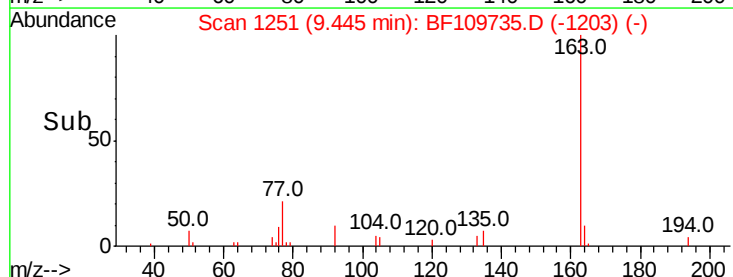


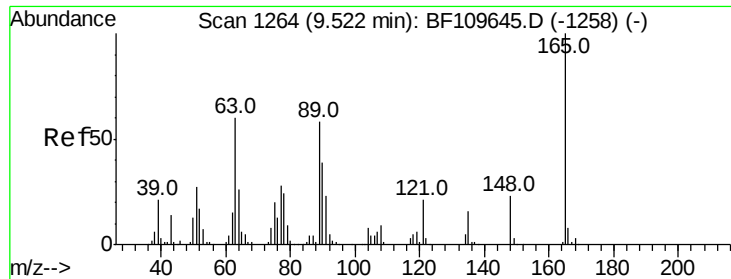
#49
Dimethylphthalate
Concen: 4.132 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109735.D
Acq: 10 Oct 2018 9:59

Tgt Ion:163 Resp: 31670
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 9.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
30000 Ion 194.00 (193.70 to 194.70): E
20000 Ion 164.00 (163.70 to 164.70): E

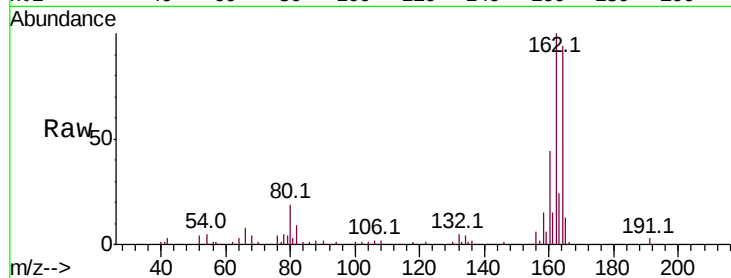




#50
2,6-Dinitrotoluene
Concen: 7.736 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109735.D
Acq: 10 Oct 2018 9:59

Instrument :
BNA_F
ClientSampleId :

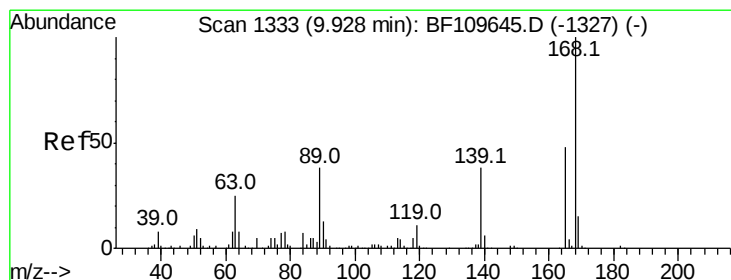
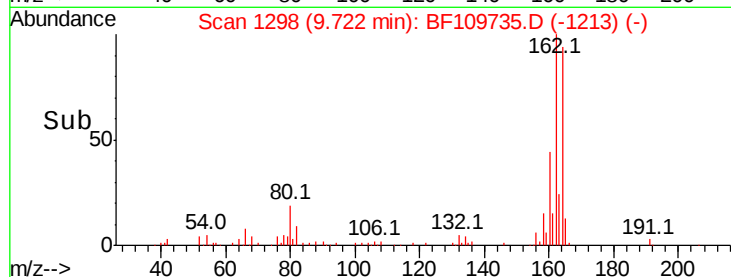
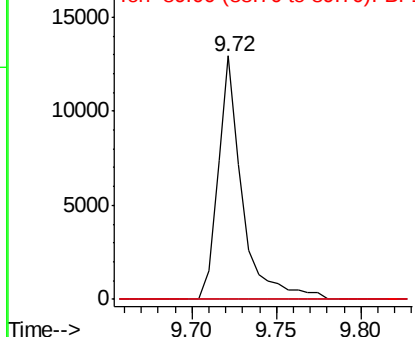
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



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: 6.199 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109735.D
Acq: 10 Oct 2018 9:59

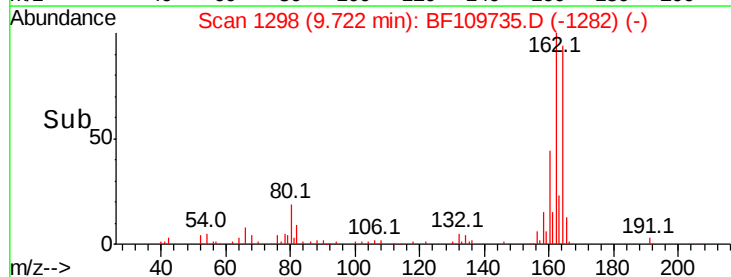
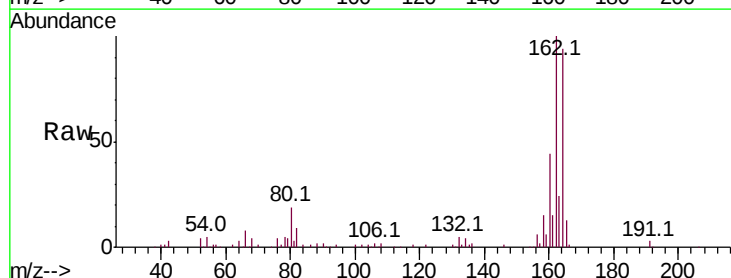
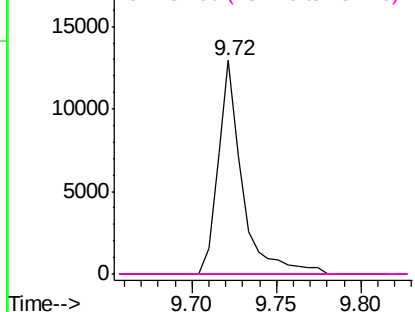
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

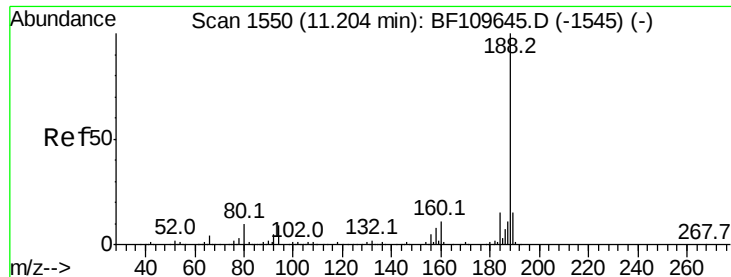
Abundance Ion 165.00 (164.70 to 165.70): E

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

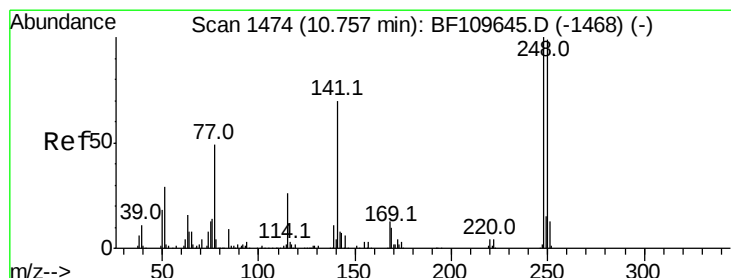
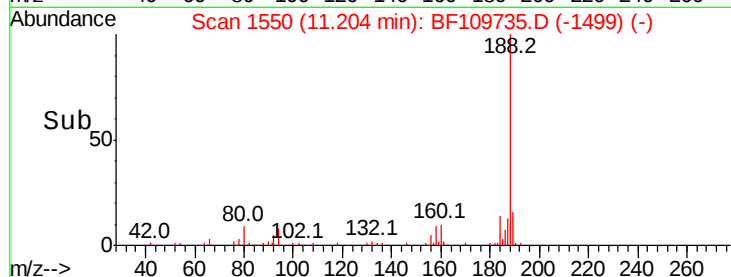
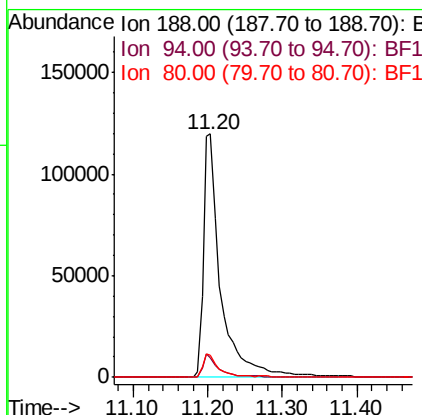
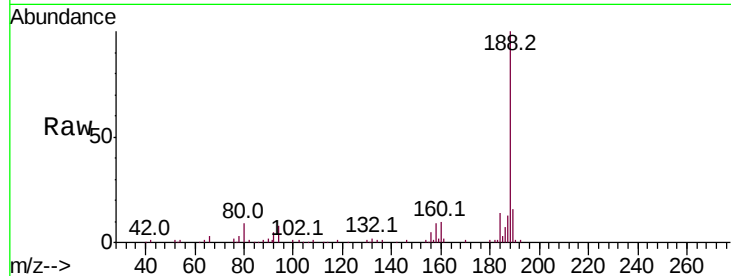




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109735.D
Acq: 10 Oct 2018 9:59

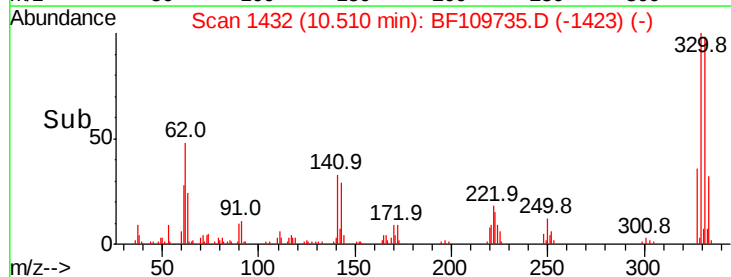
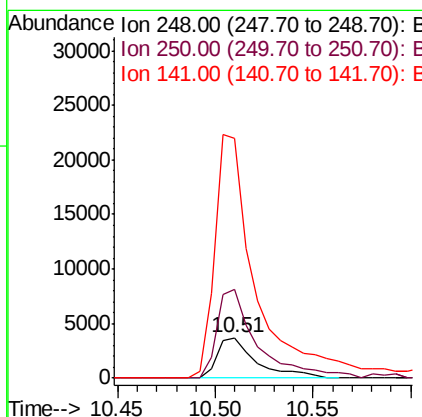
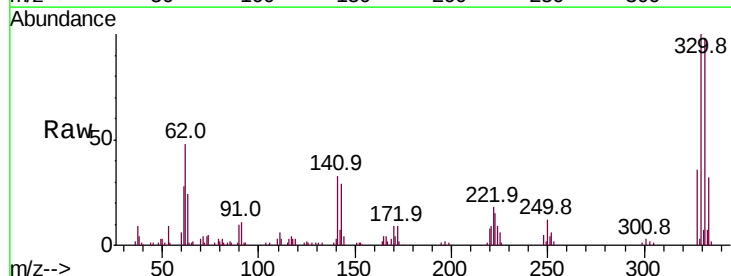
Instrument :
BNA_F
ClientSampleId :

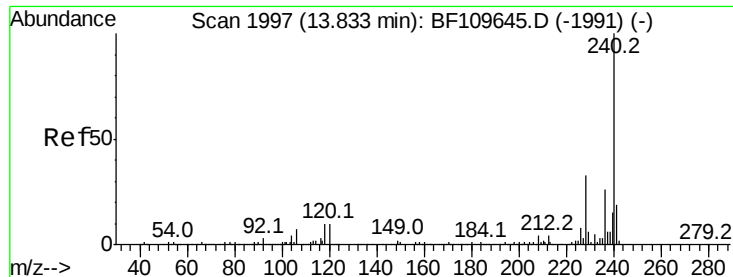
Tot Ion:188 Resp: 195494
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.1 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 2.286 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109735.D
Acq: 10 Oct 2018 9:59

Tgt Ion:248 Resp: 5136
Ion Ratio Lower Upper
248 100
250 222.1 79.4 119.2#
141 599.7 55.9 83.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109735.D

Acq: 10 Oct 2018 9:59

Instrument :

BNA_F

ClientSampleId :

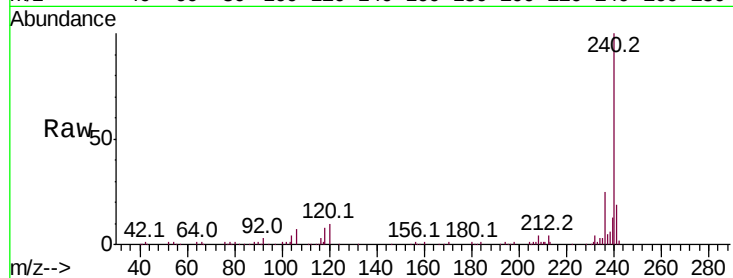
Tot Ion:240 Resp: 216814

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

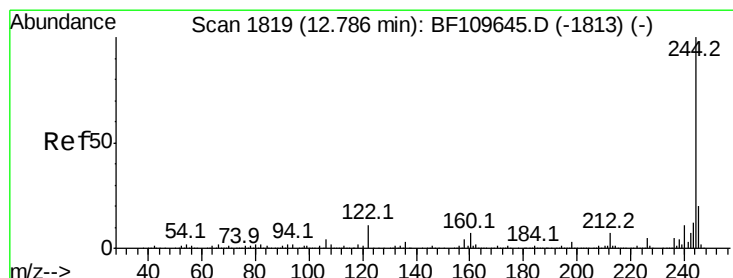
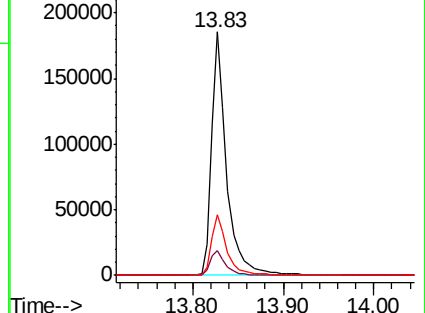
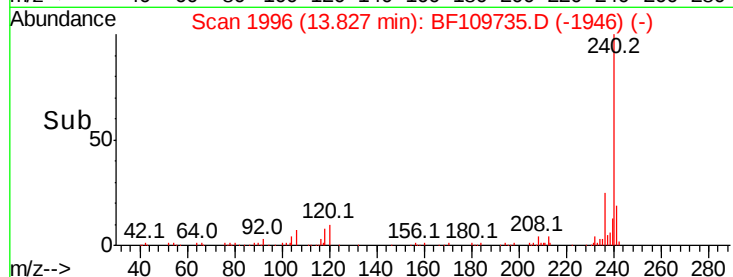
236 24.7 21.2 31.8



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: 73.496 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109735.D

Acq: 10 Oct 2018 9:59

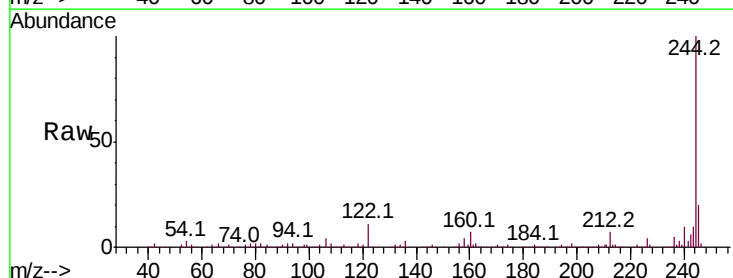
Tgt Ion:244 Resp: 823157

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

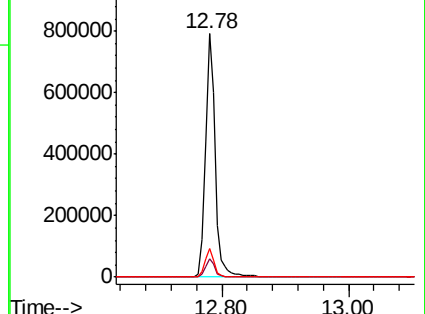
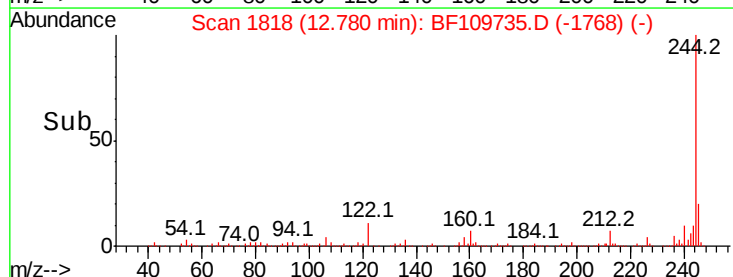
122 11.5 8.7 13.1

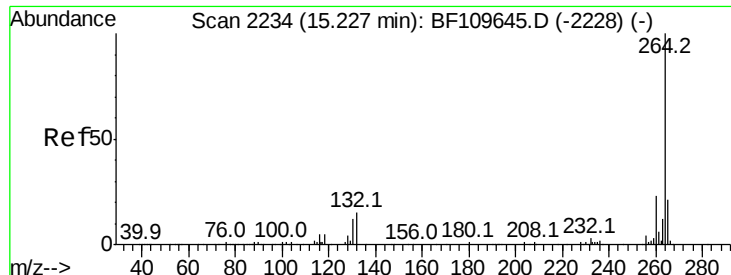


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

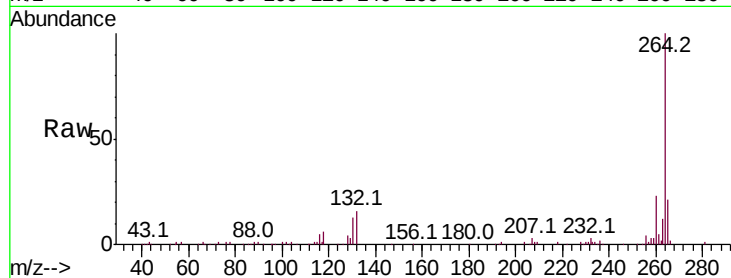




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109735.D
 Acq: 10 Oct 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	166997
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.1	16.7	25.1



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

