

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108547.D
 Acq On : 28 Aug 2018 8:39
 Operator : JU/SJ
 Sample : J4660-03
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 10:45:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

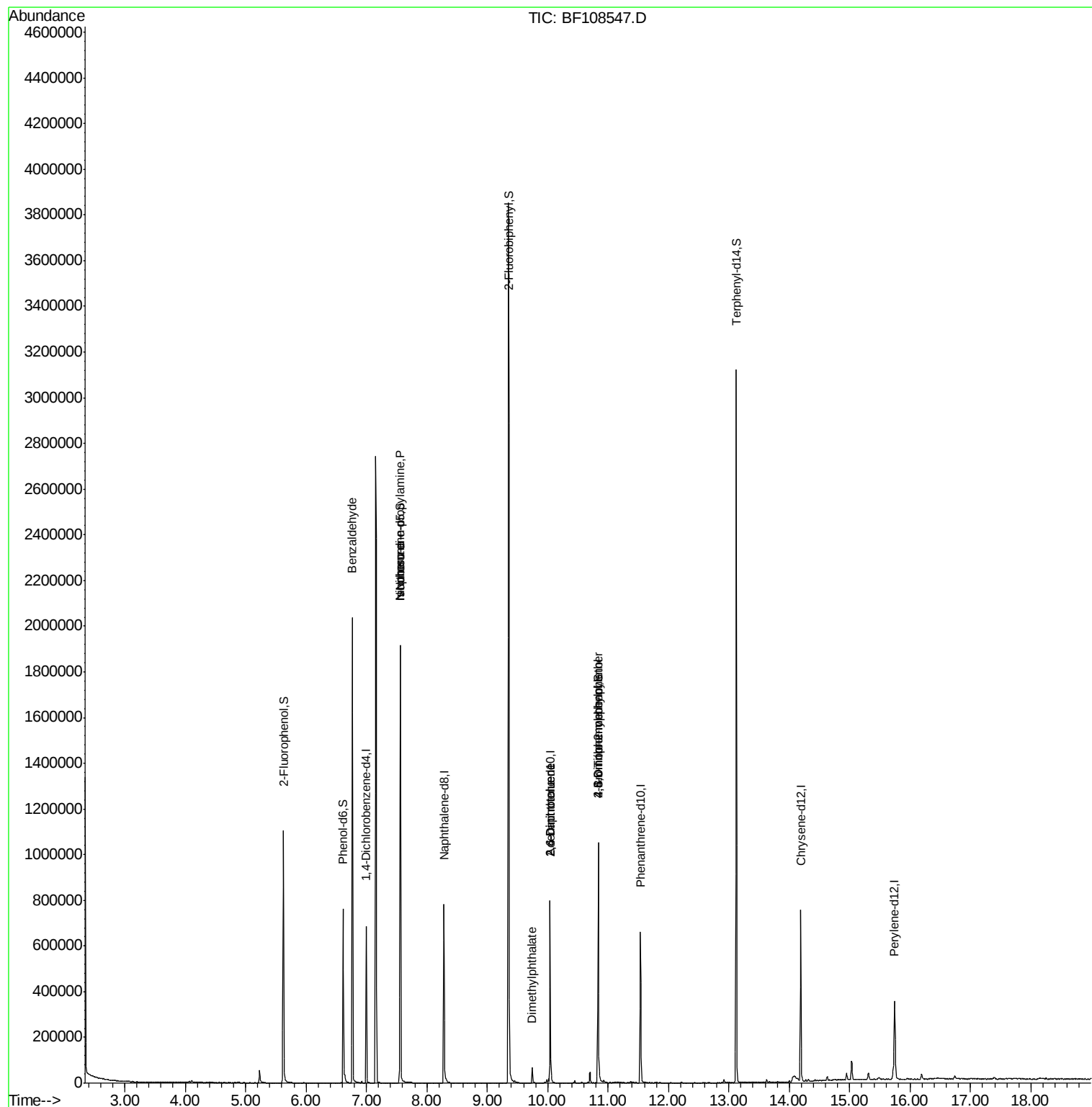
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	103921	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	352490	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	145340	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	246700	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	267037	20.00	ng	-0.01
86) Perylene-d12	15.74	264	187596	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	272951	47.55	ng	0.00
7) Phenol-d6	6.61	99	226115	29.64	ng	-0.02
23) Nitrobenzene-d5	7.56	82	682559	108.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	136812	94.37	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1214541	134.16	ng	-0.01
78) Terphenyl-d14	13.12	244	1046628	99.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.77	77	12422	2.100	ng	# 74
19) n-Nitroso-di-n-propylamine	7.56	70	91383	17.716	ng	# 84
25) Isophorone	7.56	82	682555	56.690	ng	# 64
49) Dimethylphthalate	9.74	163	33537	3.313	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	17754	8.382	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	17754	6.512	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.83	198	108	5.462	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	9095	3.392	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108547.D
Acq On : 28 Aug 2018 8:39
Operator : JU/SJ
Sample : J4660-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 28 10:45:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration



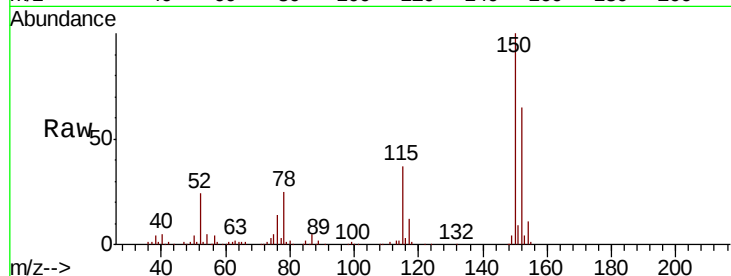


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	57.0	50.1	75.1

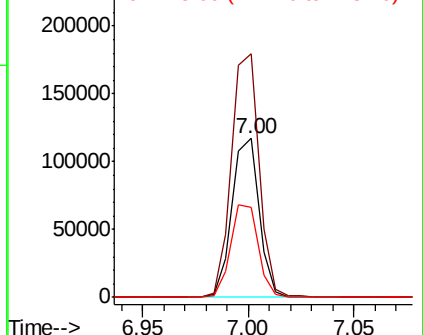
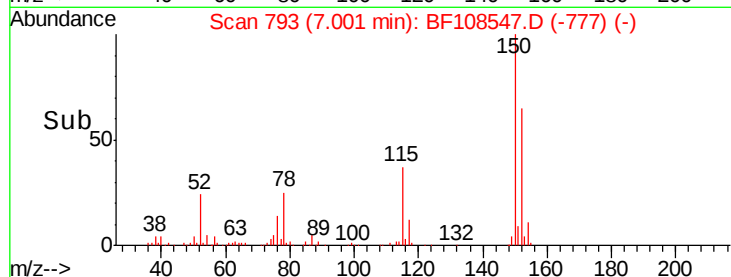


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

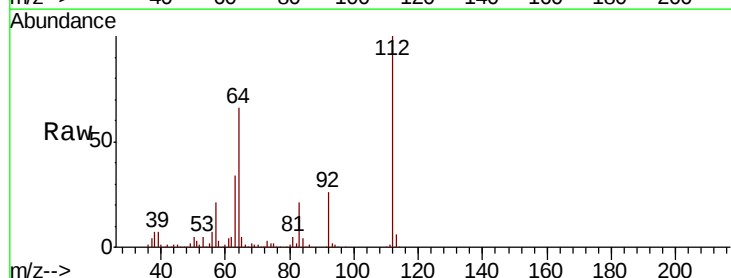
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.552 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	34.1	23.7	35.5

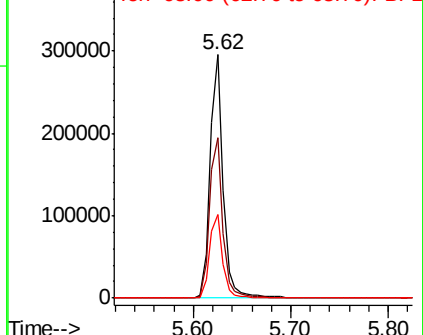
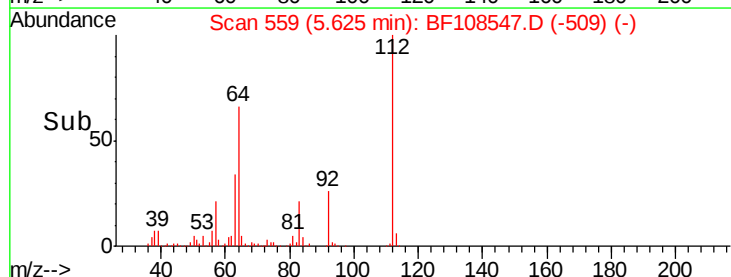


Abundance

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: 29.644 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108547.D

Acq: 28 Aug 2018 8:39

Instrument :

BNA_F

ClientSampleId :

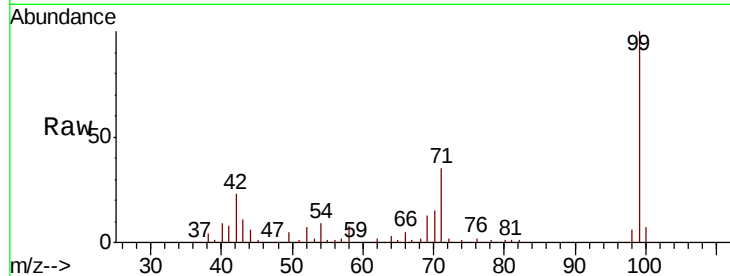
Tot Ion: 99 Resp: 226115

Ion Ratio Lower Upper

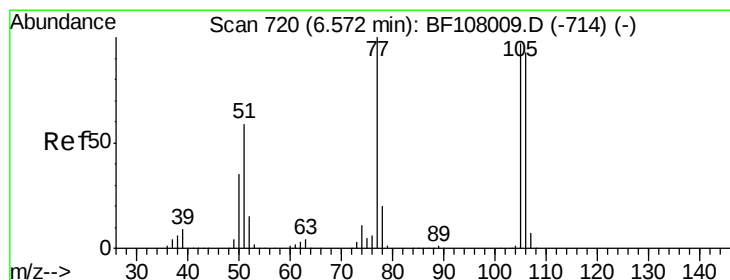
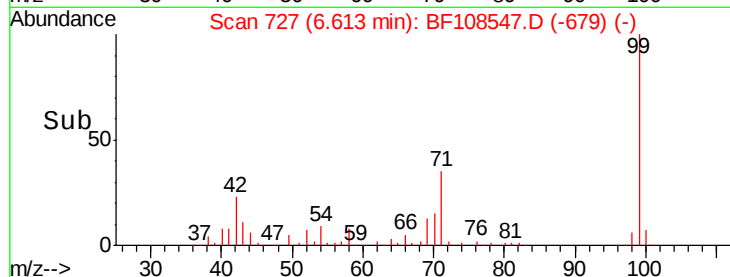
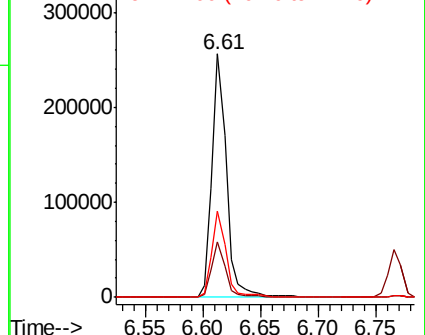
99 100

42 22.6 14.5 21.7#

71 35.3 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



#9

Benzaldehyde

Concen: 2.100 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.21 min

Lab File: BF108547.D

Acq: 28 Aug 2018 8:39

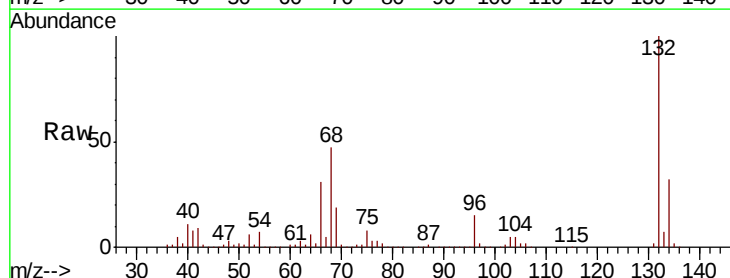
Tgt Ion: 77 Resp: 12422

Ion Ratio Lower Upper

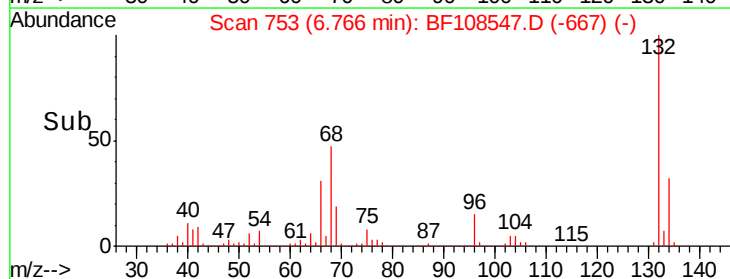
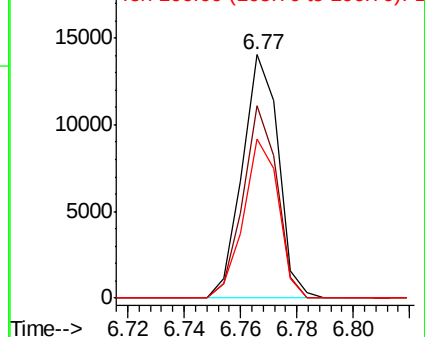
77 100

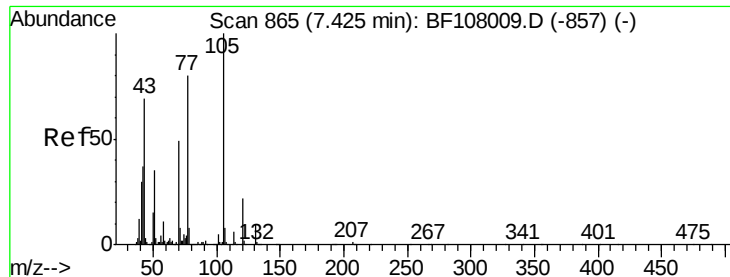
105 78.8 81.1 121.1#

106 65.4 74.5 114.5#



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

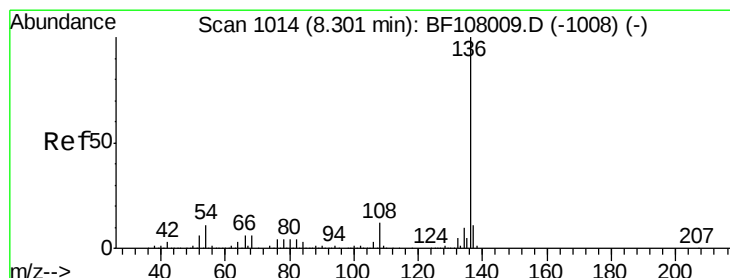
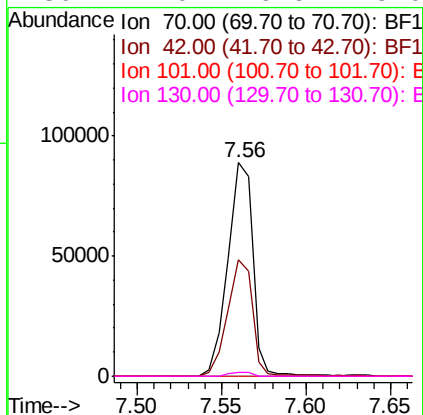
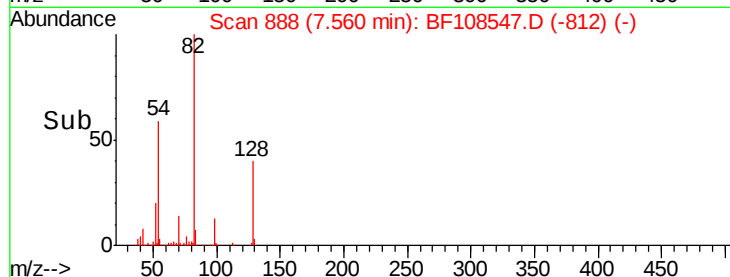
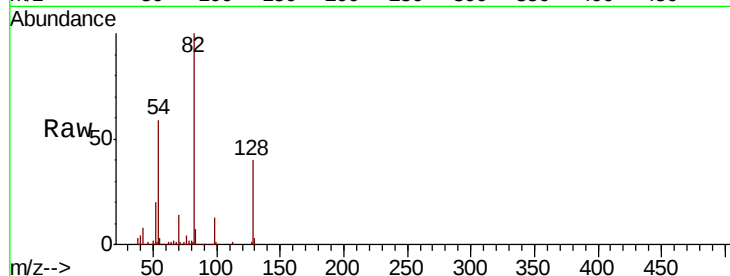




#19
n-Nitroso-di-n-propylamine
Concen: 17.716 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

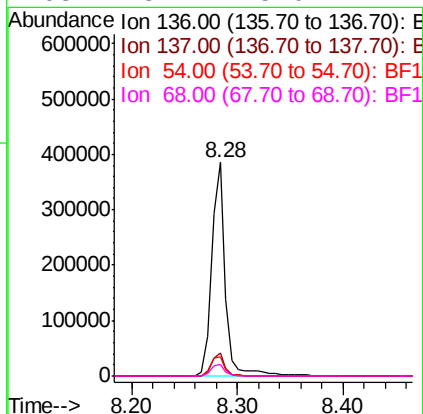
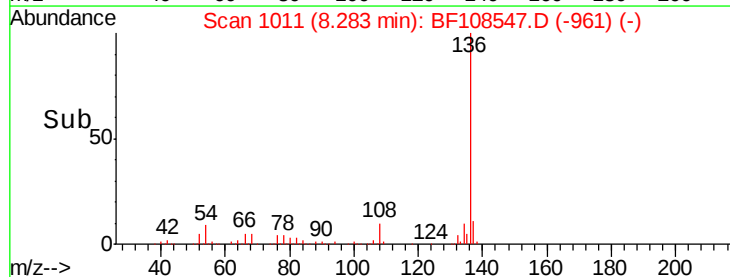
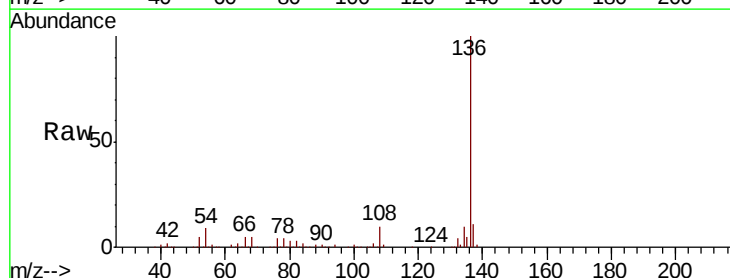
Instrument :
BNA_F
ClientSampleId :

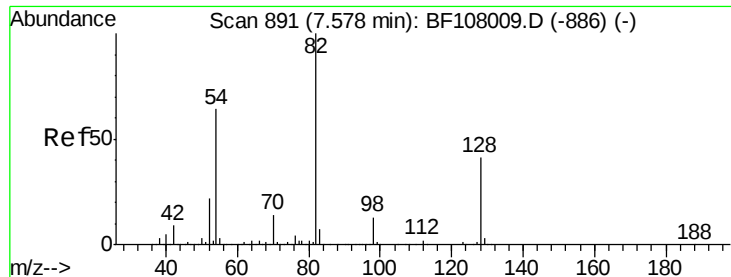
Tot Ion: 70 Resp: 91383
Ion Ratio Lower Upper
70 100
42 54.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion: 136 Resp: 352490
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.9 6.6 9.8
68 5.4 5.0 7.4

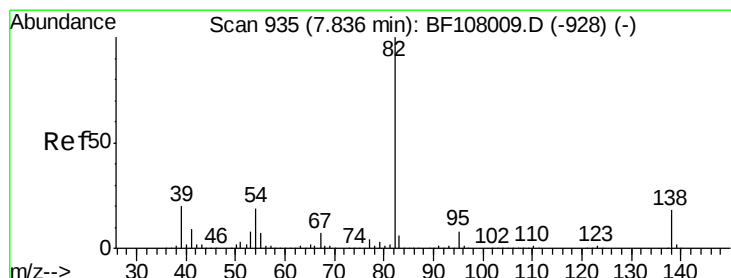
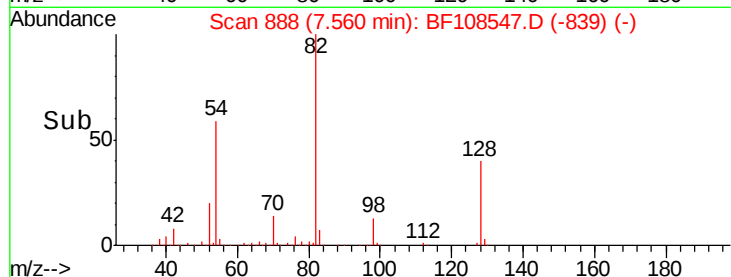
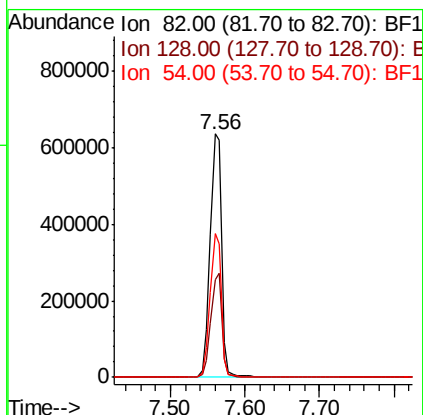
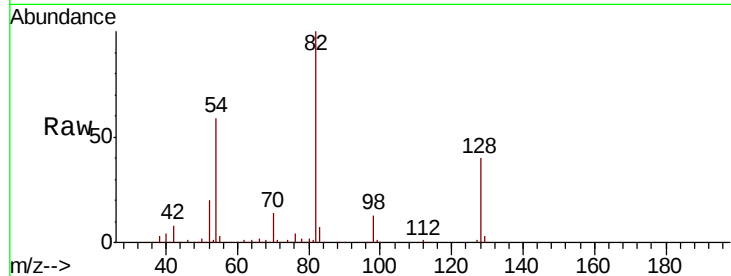




#23
 Nitrobenzene-d5
 Concen: 108.054 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108547.D
 Acq: 28 Aug 2018 8:39

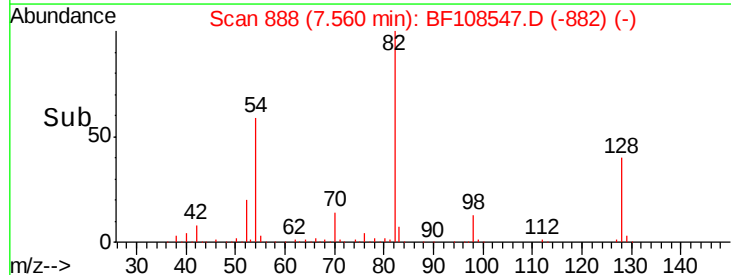
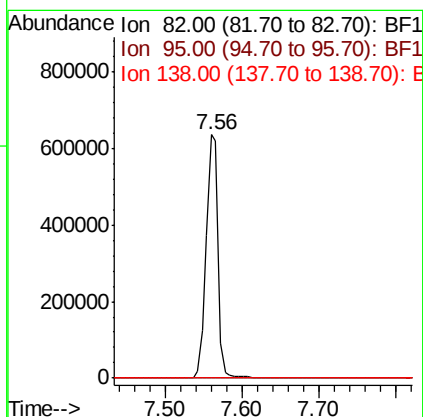
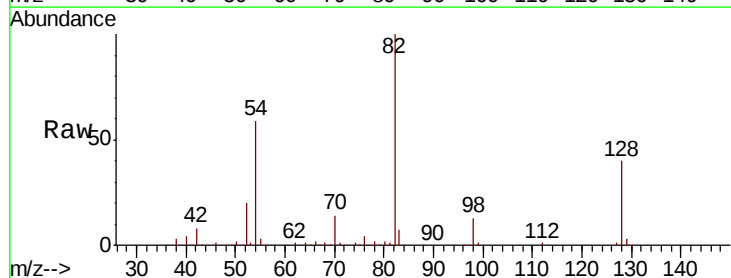
Instrument :
 BNA_F
 ClientSampleId :

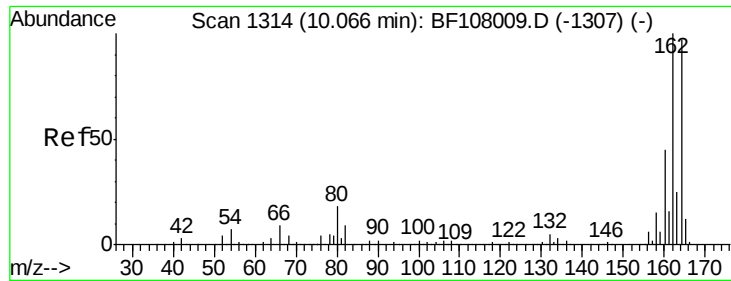
Tot Ion	82	Resp	682559
Ion Ratio	Lower	Upper	
82	100		
128	40.1	36.1	54.1
54	59.3	41.4	62.2



#25
 Isophorone
 Concen: 56.690 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.26 min
 Lab File: BF108547.D
 Acq: 28 Aug 2018 8:39

Tgt Ion	82	Resp	682555
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

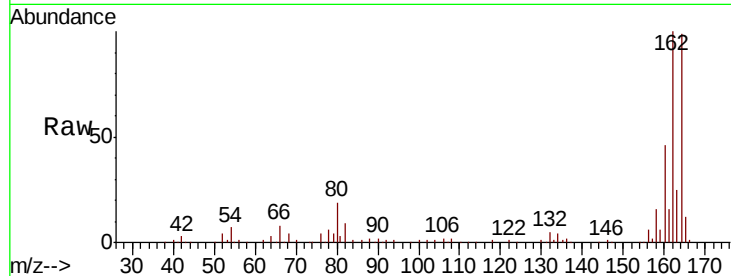




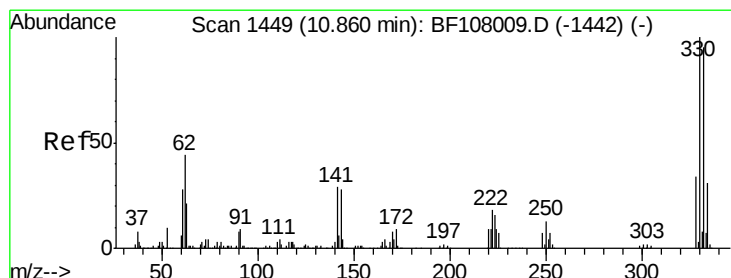
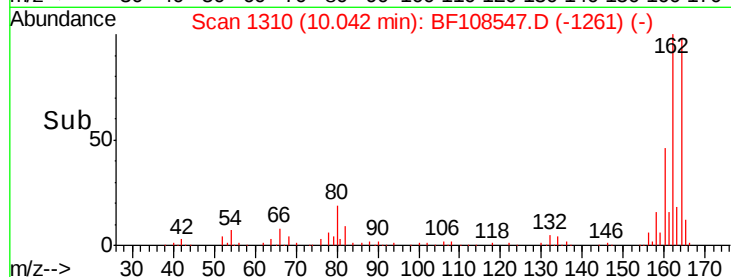
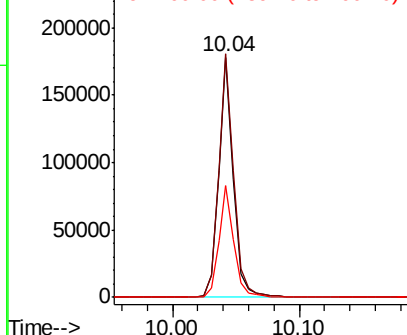
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108547.D
 Acq: 28 Aug 2018 8:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 145340
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 46.4 38.3 57.5

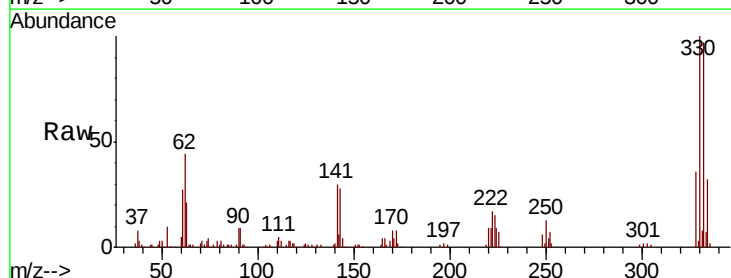


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

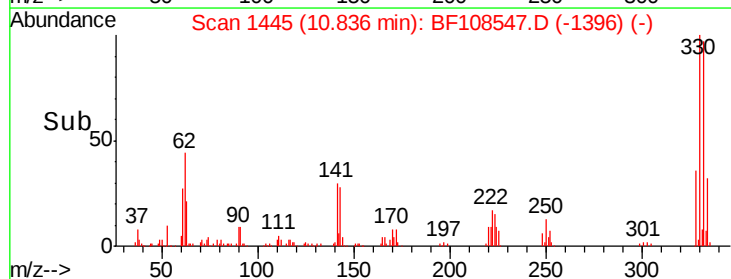
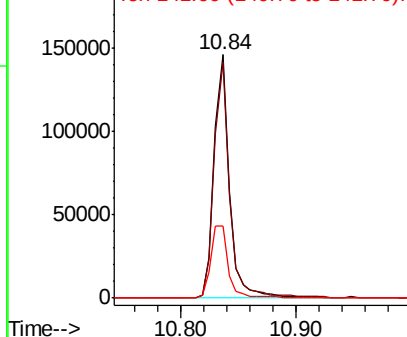


#41
 2,4,6-Tribromophenol
 Concen: 94.371 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108547.D
 Acq: 28 Aug 2018 8:39

Tgt Ion:330 Resp: 136812
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 33.5 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

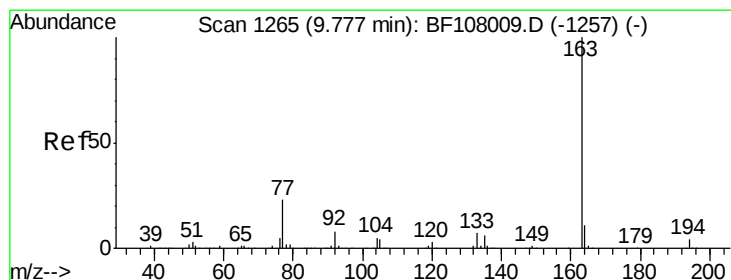
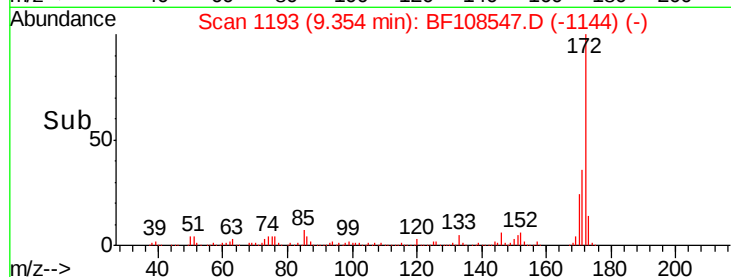
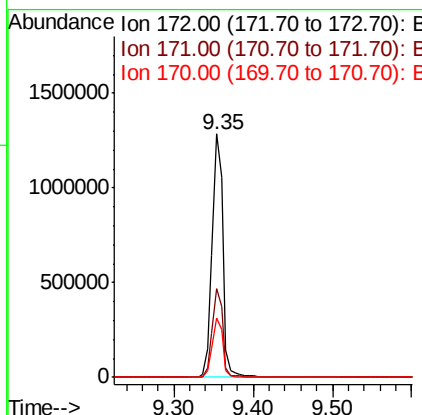
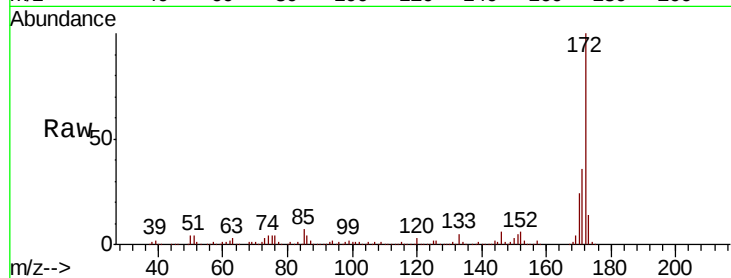




#44
2-Fluorobiphenyl
Concen: 134.162 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

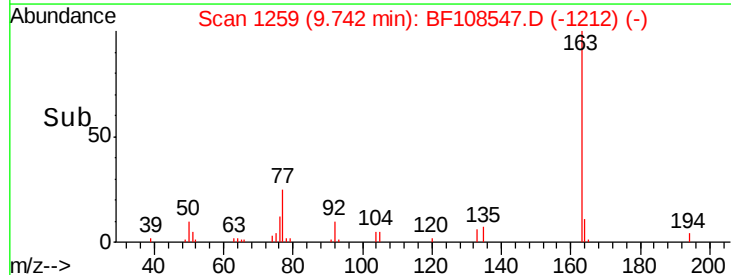
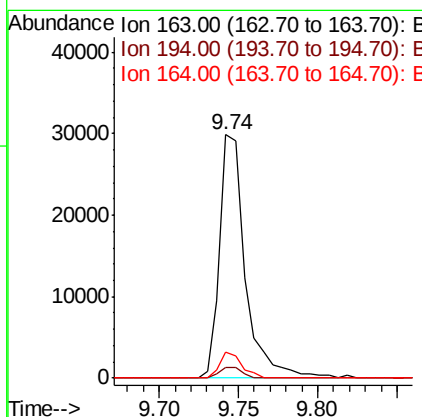
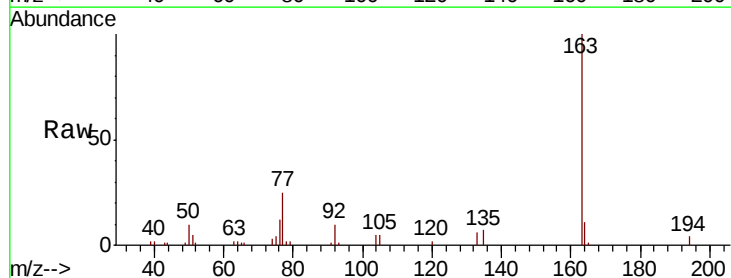
Instrument :
BNA_F
ClientSampleId :

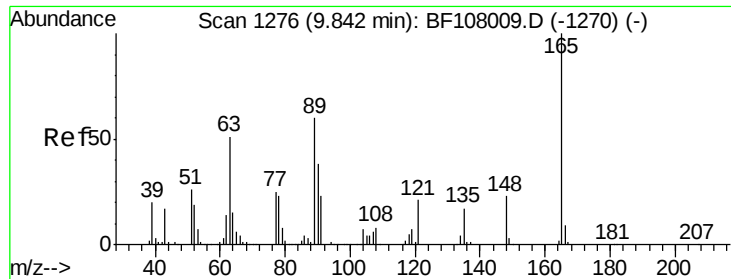
Tot Ion:172 Resp: 1214541
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 3.313 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion:163 Resp: 33537
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.6 8.2 12.2

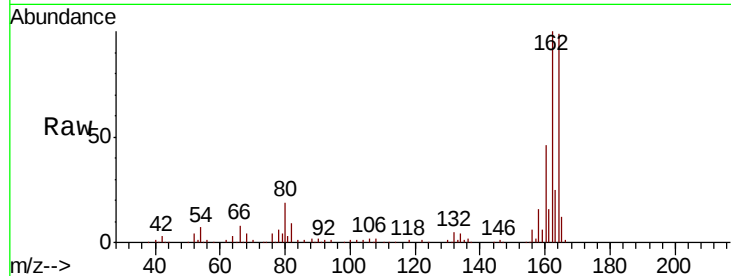




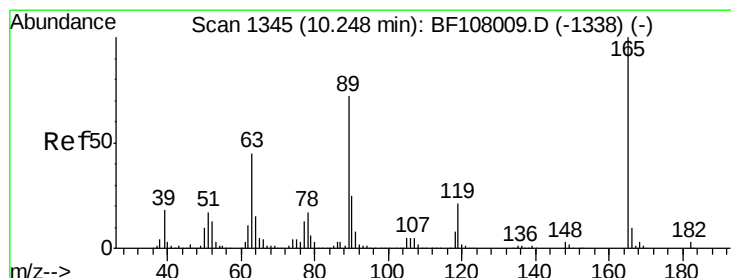
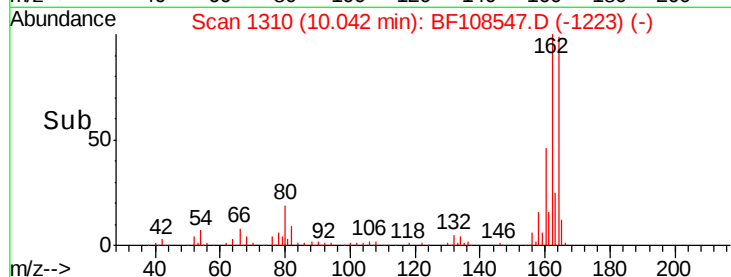
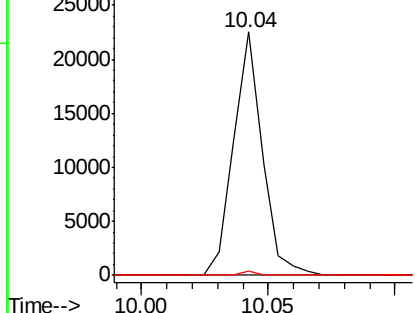
#50
 2,6-Dinitrotoluene
 Concen: 8.382 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108547.D
 Acq: 28 Aug 2018 8:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



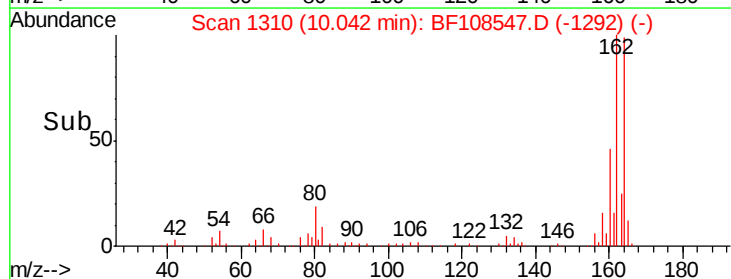
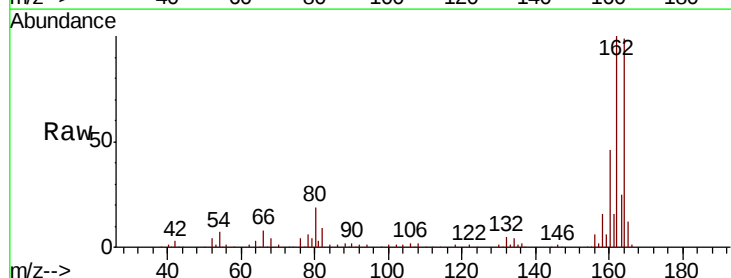
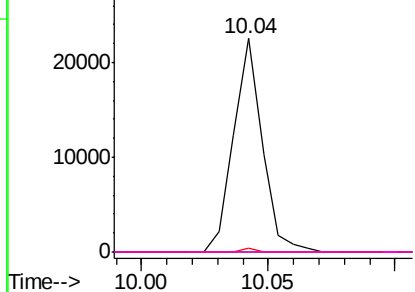
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

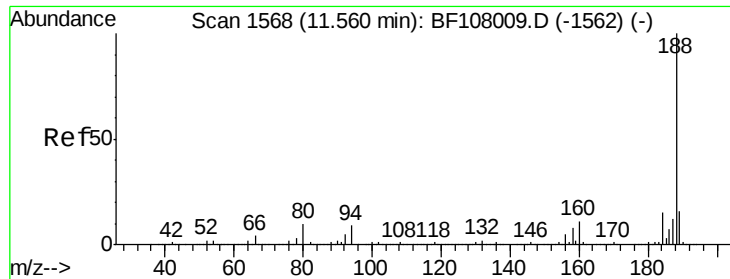


#56
 2,4-Dinitrotoluene
 Concen: 6.512 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108547.D
 Acq: 28 Aug 2018 8:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.6	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

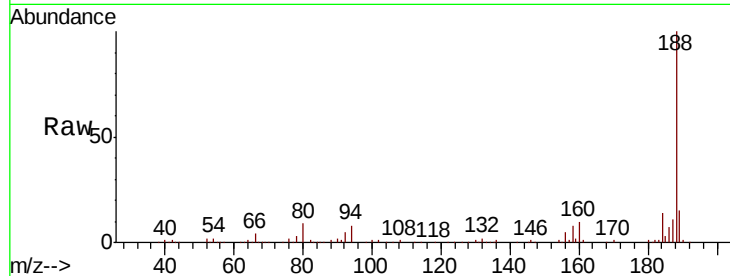




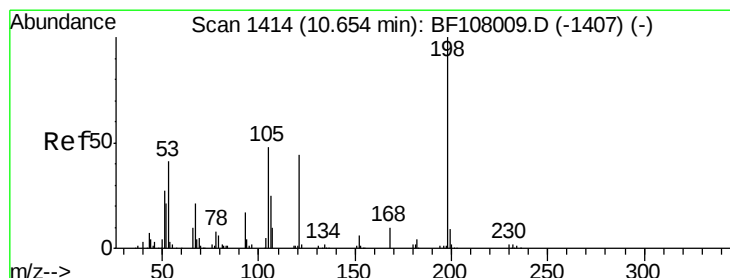
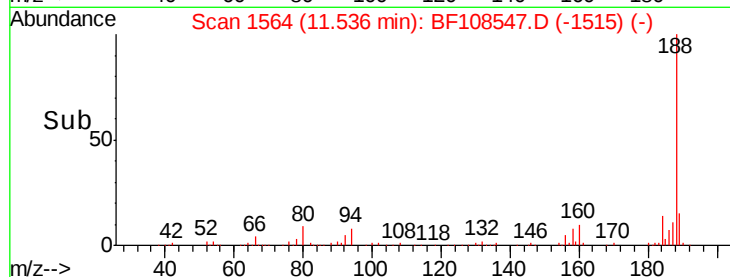
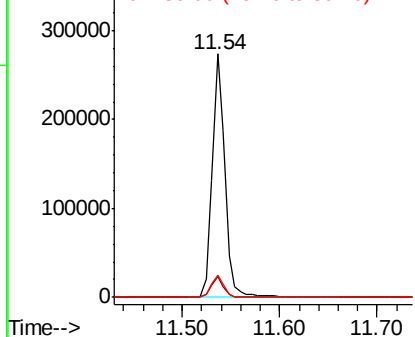
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 246700
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.1 9.2 13.8#

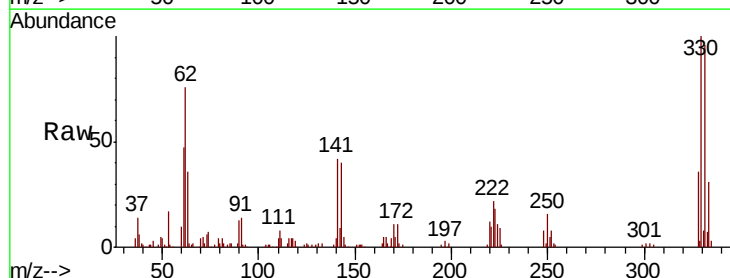


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

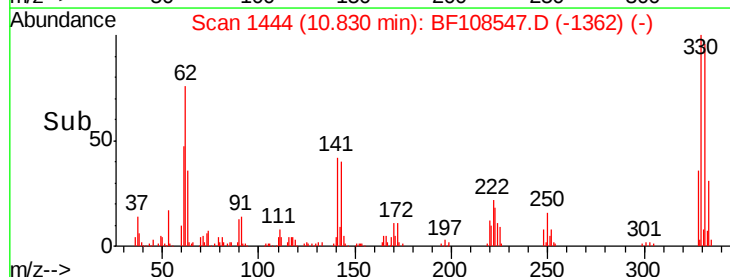
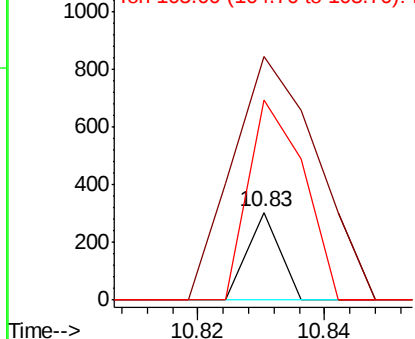


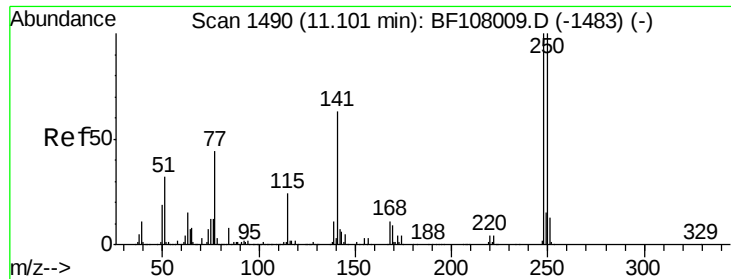
#64
4,6-Dinitro-2-methylphenol
Concen: 5.462 ng
RT: 10.83 min Scan# 1444
Delta R.T. 0.18 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion:198 Resp: 108
Ion Ratio Lower Upper
198 100
51 276.4 37.7 77.7#
105 226.6 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

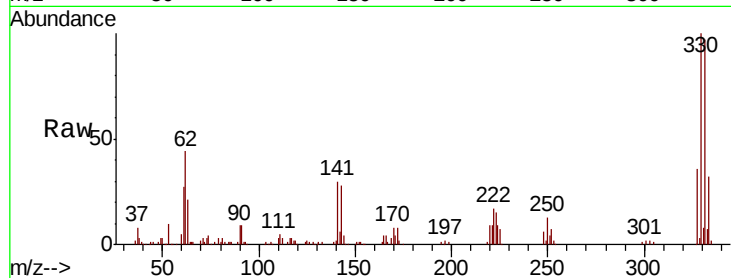




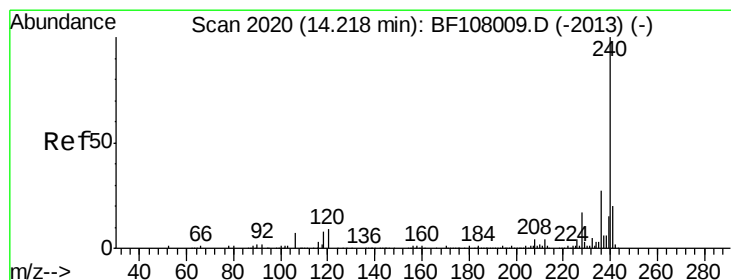
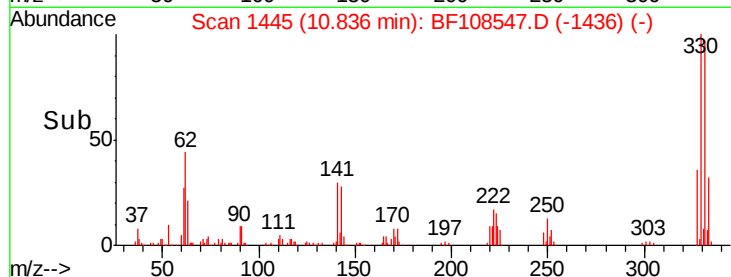
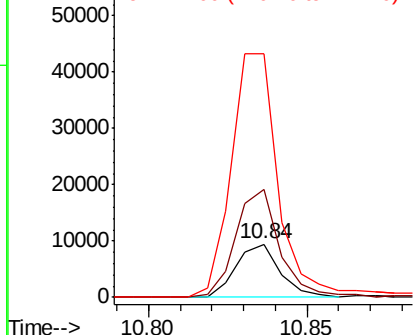
#66
4-Bromophenyl-phenylether
Concen: 3.392 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9095
Ion Ratio Lower Upper
248 100
250 204.0 76.9 115.3#
141 457.9 74.4 111.6#

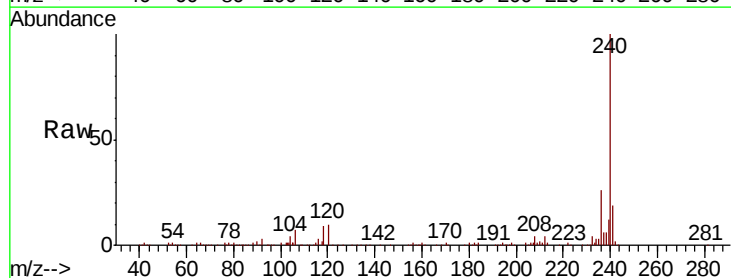


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

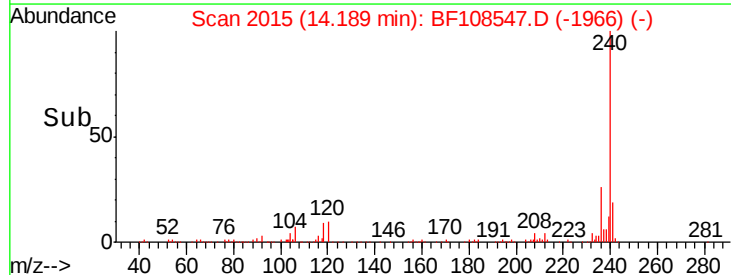
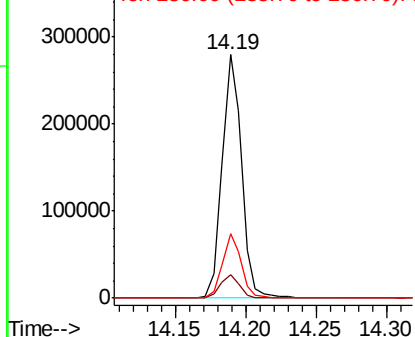


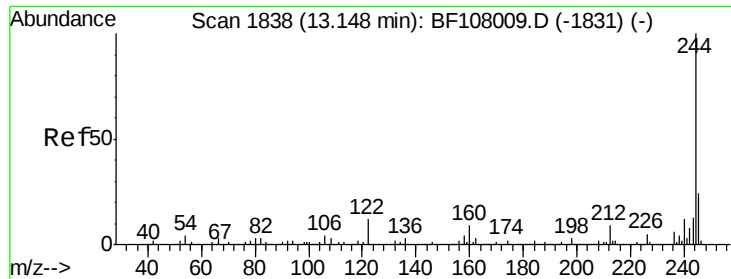
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108547.D
Acq: 28 Aug 2018 8:39

Tgt Ion:240 Resp: 267037
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 26.3 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

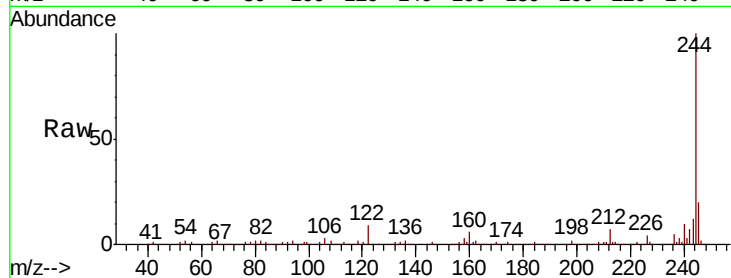




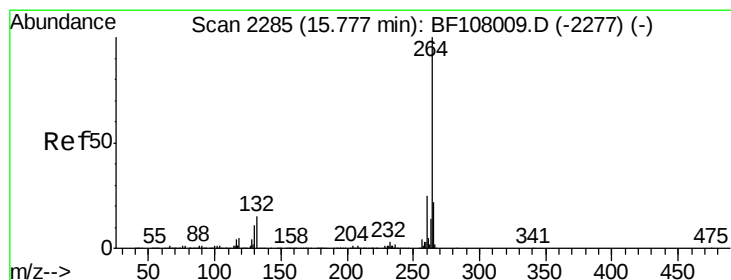
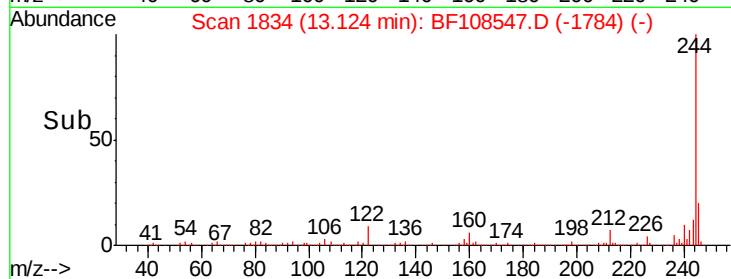
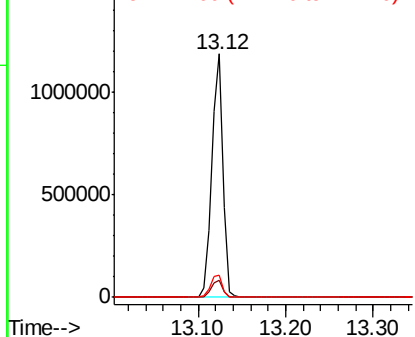
#78
 Terphenyl-d14
 Concen: 99.654 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108547.D
 Acq: 28 Aug 2018 8:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1046628
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 9.0 11.0 16.4#

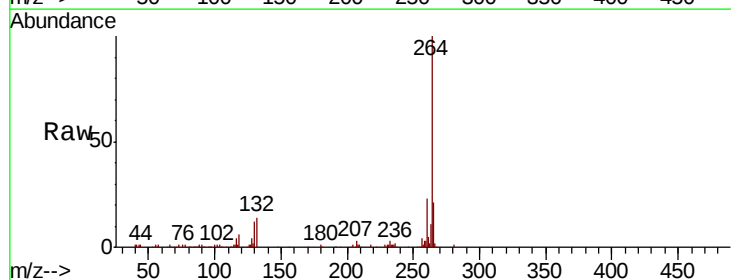


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108547.D
 Acq: 28 Aug 2018 8:39

Tgt Ion:264 Resp: 187596
 Ion Ratio Lower Upper
 264 100
 260 23.3 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

