

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108545.D
 Acq On : 28 Aug 2018 7:45
 Operator : JU/SJ
 Sample : J4660-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 08:37:05 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

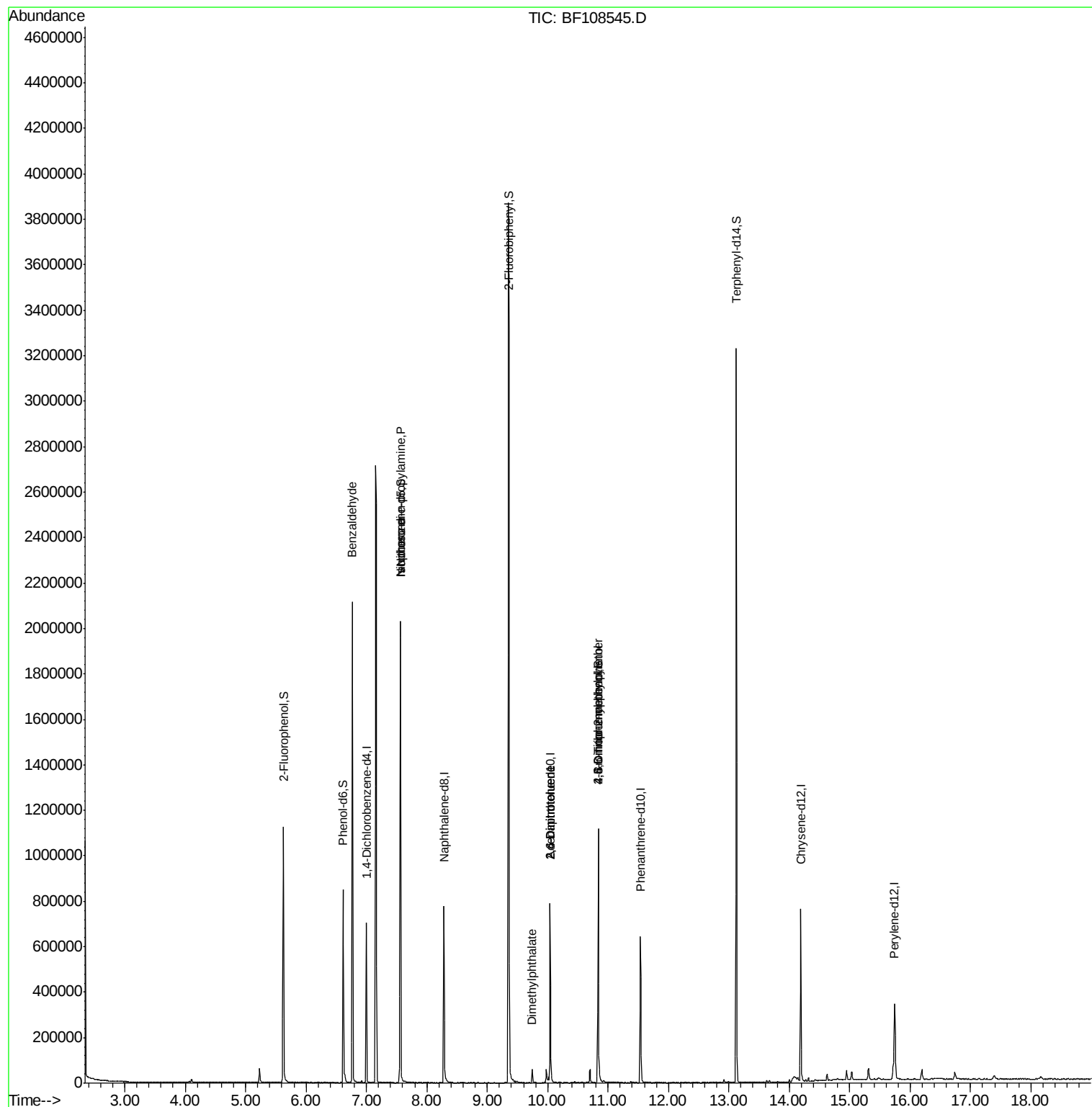
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	105827	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	359056	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	147839	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	247202	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	262362	20.00	ng	-0.01
86) Perylene-d12	15.74	264	184393	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	285169	48.79	ng	0.00
7) Phenol-d6	6.61	99	251587	32.39	ng	-0.02
23) Nitrobenzene-d5	7.57	82	720021	111.90	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	146597	99.41	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1273748	138.32	ng	-0.01
78) Terphenyl-d14	13.12	244	1067790	103.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.77	77	12432	2.064	ng	# 70
19) n-Nitroso-di-n-propylamine	7.56	70	96156	18.306	ng	# 83
25) Isophorone	7.57	82	720016	58.707	ng	# 64
49) Dimethylphthalate	9.74	163	28916	2.808	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	18294	8.491	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	18294	6.596	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.83	198	240	5.588	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	9691	3.607	ng	# 1

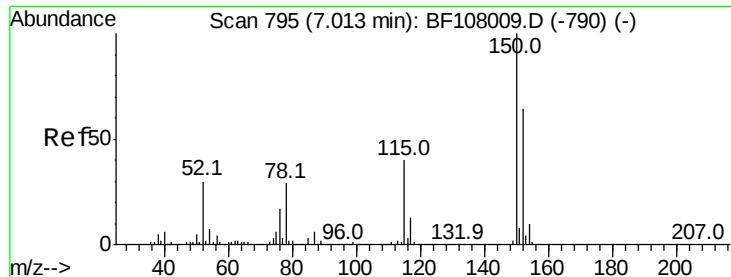
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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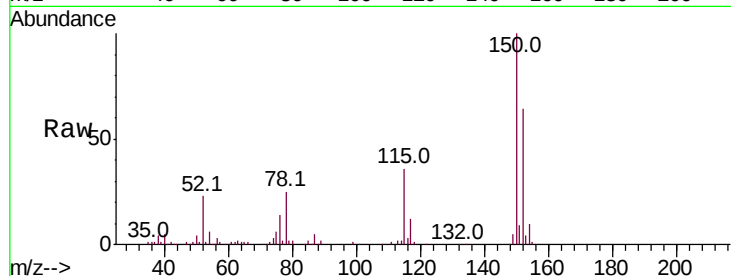


#1

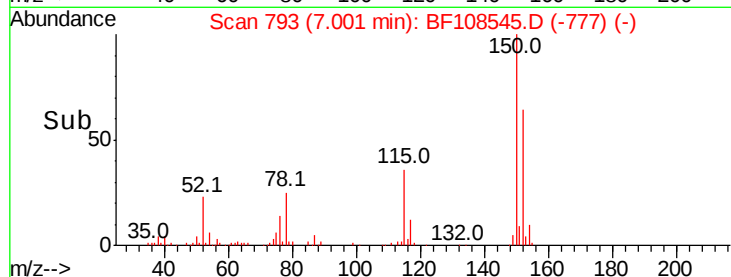
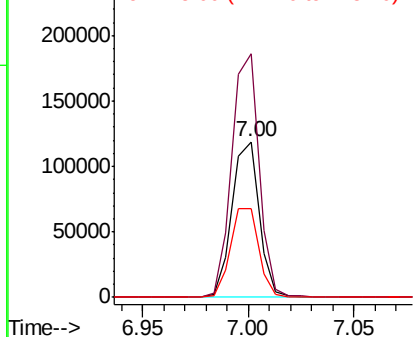
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105827
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 57.1 50.1 75.1



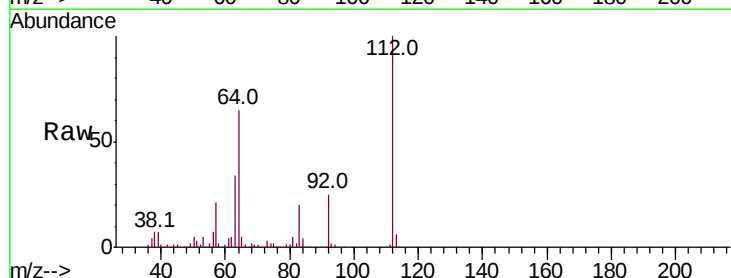
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



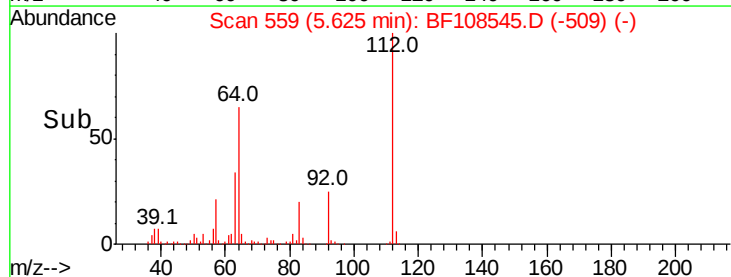
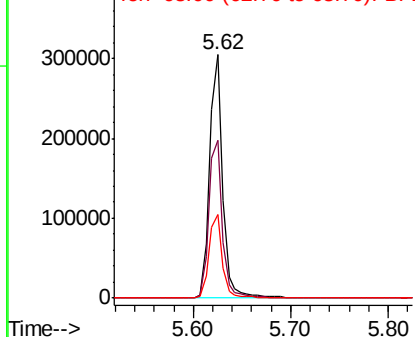
#5

2-Fluorophenol
Concen: 48.786 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion:112 Resp: 285169
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 34.4 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: 32.389 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108545.D

Acq: 28 Aug 2018 7:45

Instrument :

BNA_F

ClientSampleId :

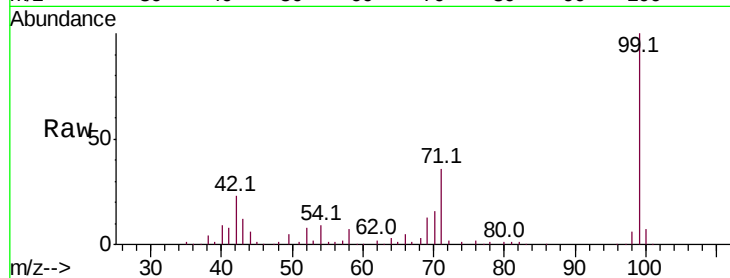
Tot Ion: 99 Resp: 251587

Ion Ratio Lower Upper

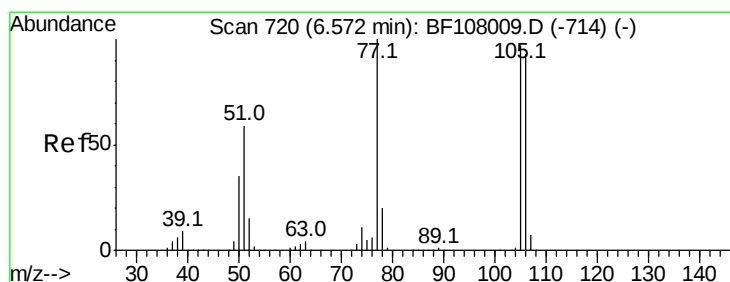
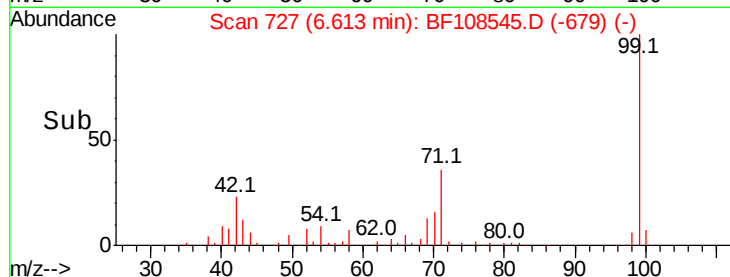
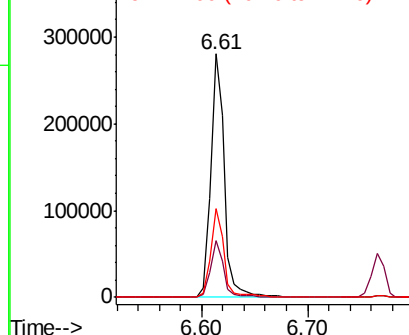
99 100

42 23.1 14.5 21.7#

71 36.3 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: 2.064 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.21 min

Lab File: BF108545.D

Acq: 28 Aug 2018 7:45

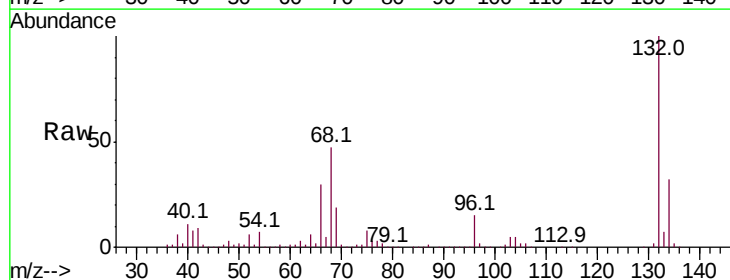
Tgt Ion: 77 Resp: 12432

Ion Ratio Lower Upper

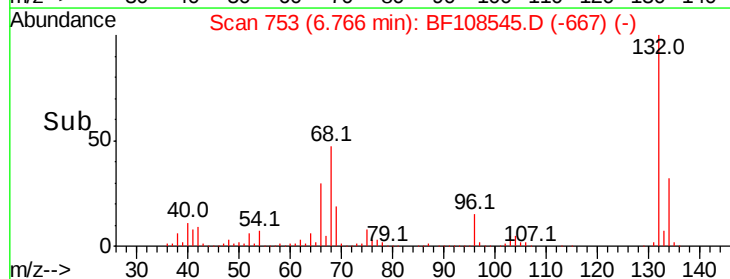
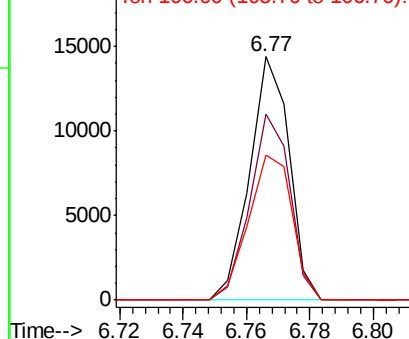
77 100

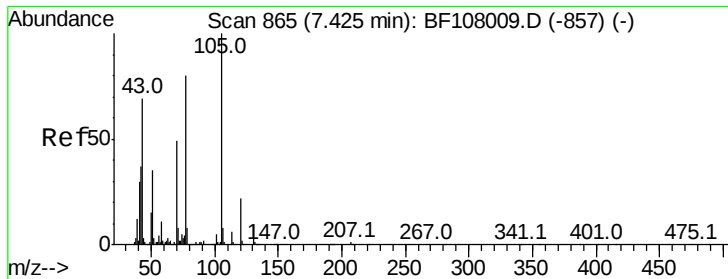
105 76.3 81.1 121.1#

106 59.4 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

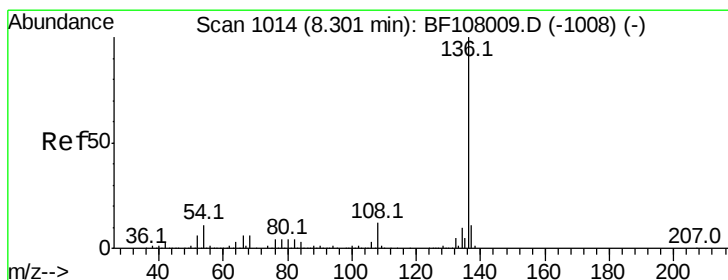
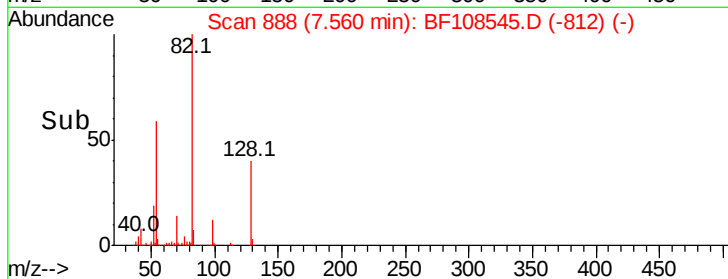
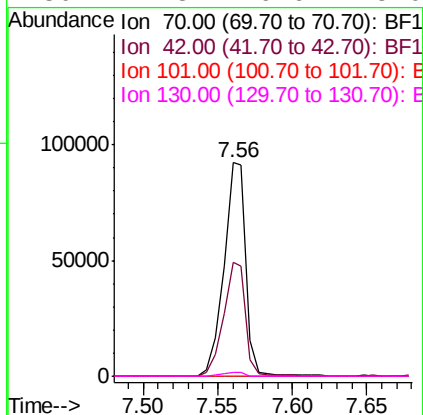
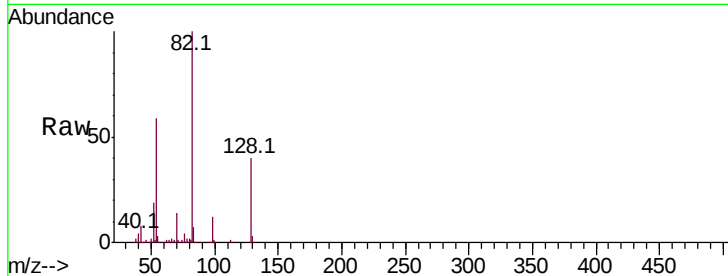




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.306 ng
 RT: 7.56 min Scan# 888
 Delta R.T. 0.15 min
 Lab File: BF108545.D
 Acq: 28 Aug 2018 7:45

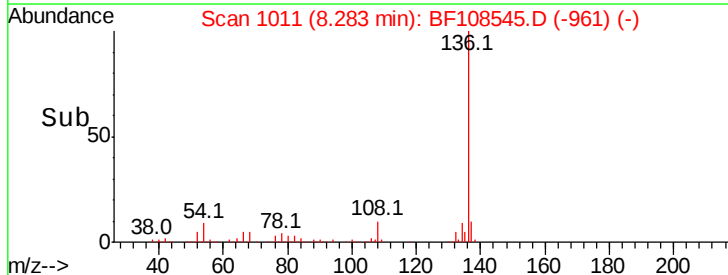
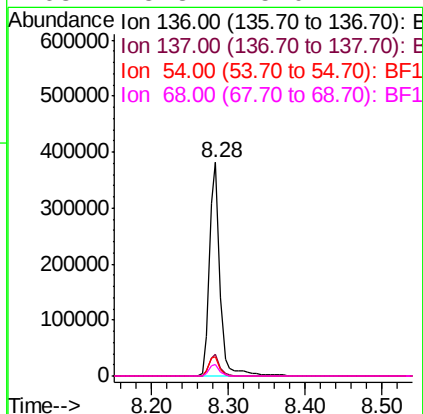
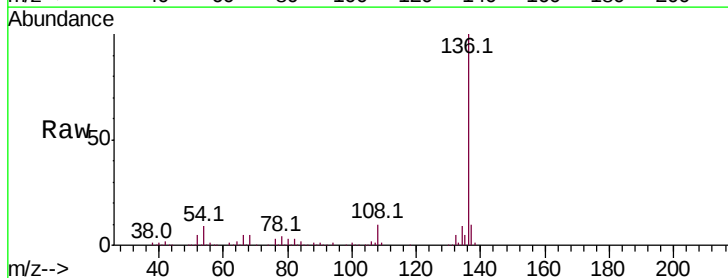
Instrument :
 BNA_F
 ClientSampleId :

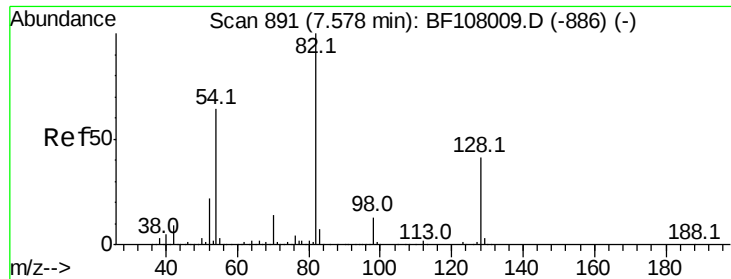
Tot Ion:	70	Resp:	96156
Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF108545.D
 Acq: 28 Aug 2018 7:45

Tgt Ion:	136	Resp:	359056
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.9	6.6	9.8
68	5.3	5.0	7.4

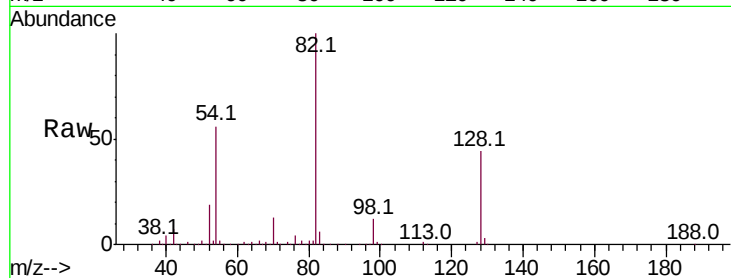




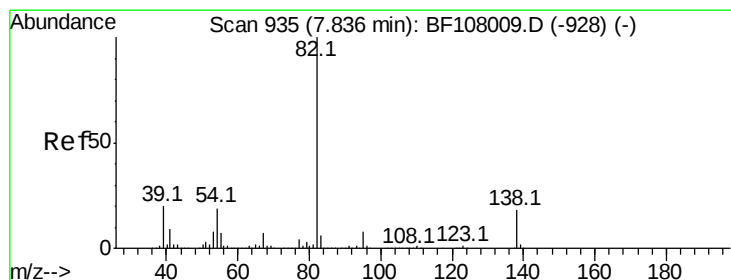
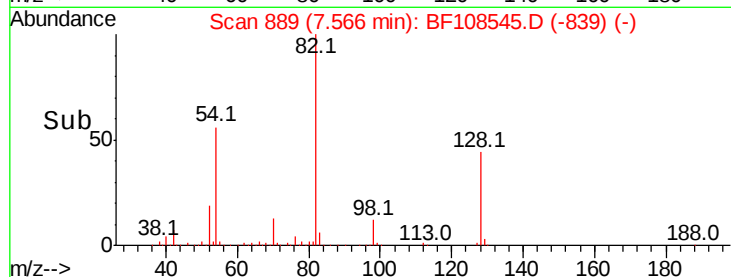
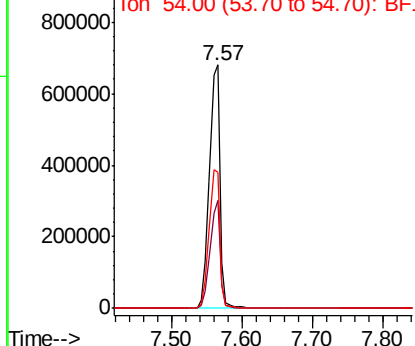
#23
Nitrobenzene-d5
Concen: 111.900 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 720021
Ion Ratio Lower Upper
82 100
128 44.1 36.1 54.1
54 55.8 41.4 62.2

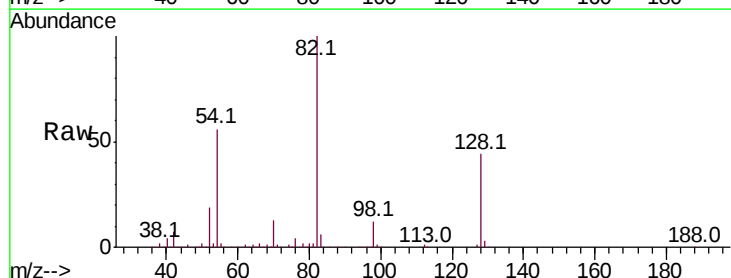


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

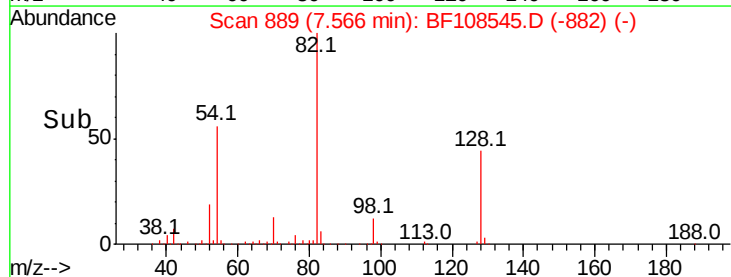
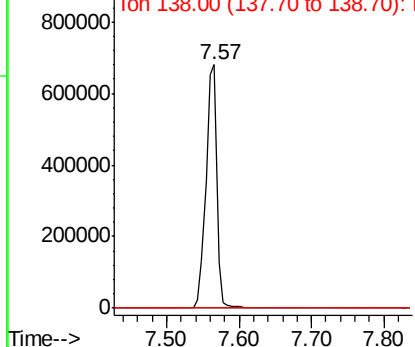


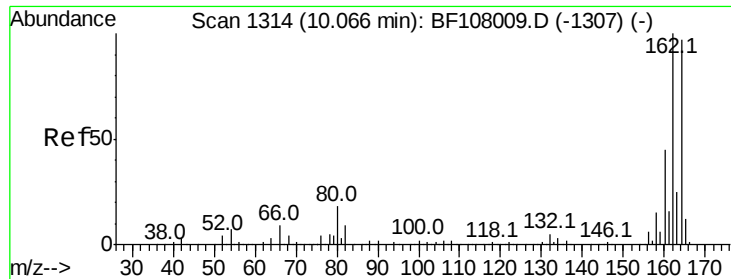
#25
Isophorone
Concen: 58.707 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion: 82 Resp: 720016
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

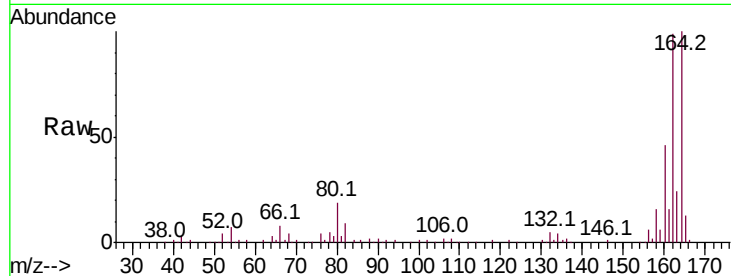




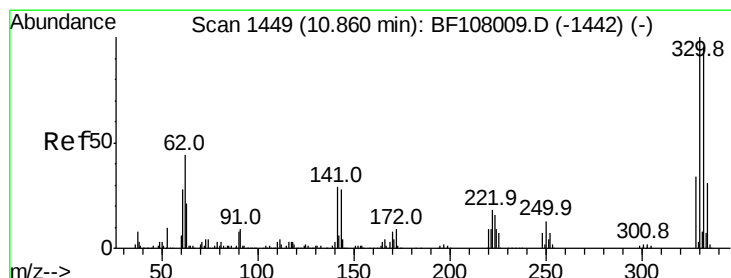
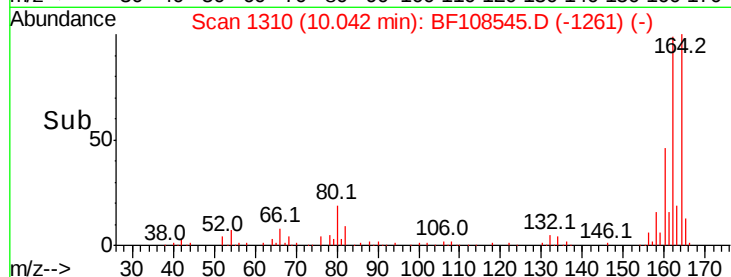
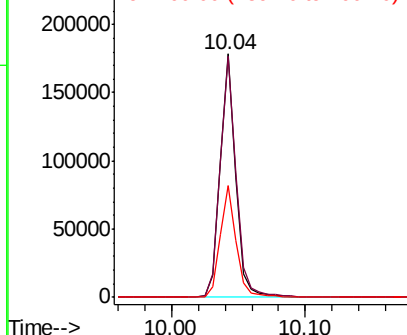
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 147839
Ion Ratio Lower Upper
164 100
162 98.8 86.1 129.1
160 46.2 38.3 57.5

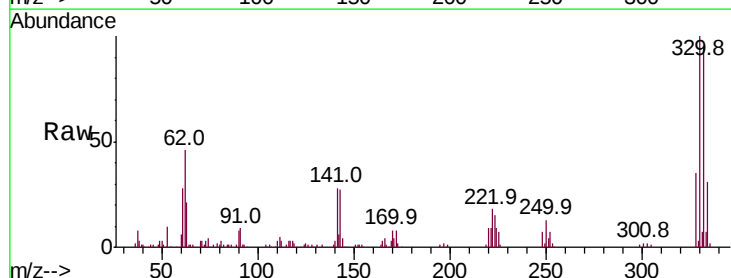


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

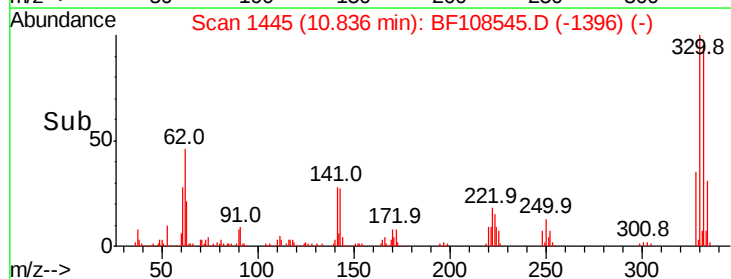
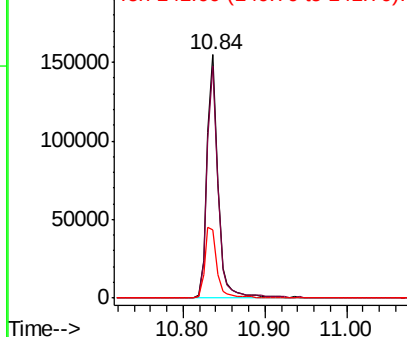


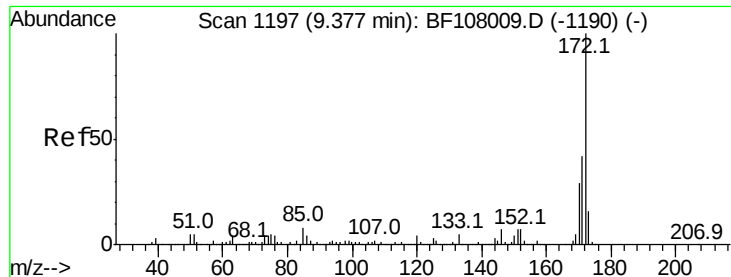
#41
2,4,6-Tribromophenol
Concen: 99.411 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion:330 Resp: 146597
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 32.1 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

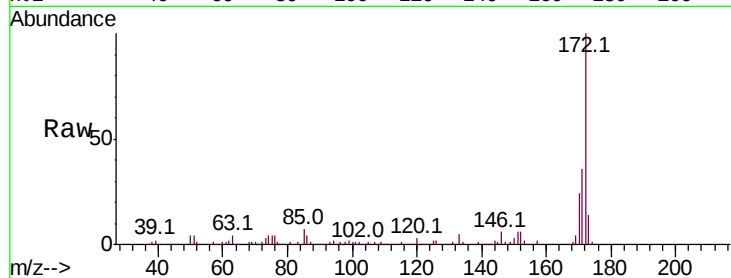




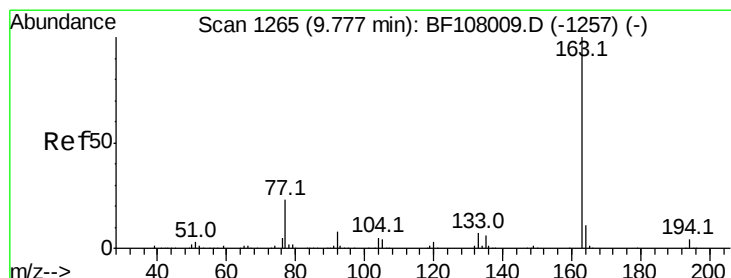
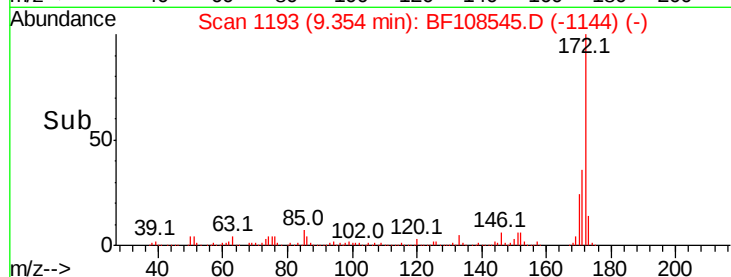
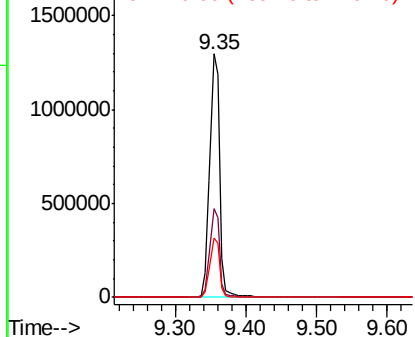
#44
2-Fluorobiphenyl
Concen: 138.324 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1273748
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 19.6 29.4

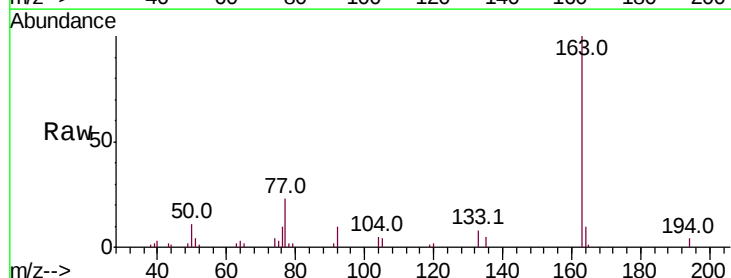


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

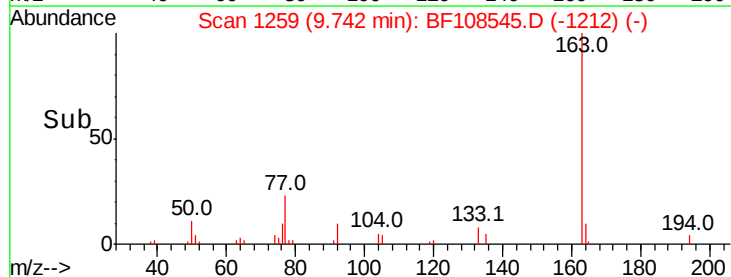
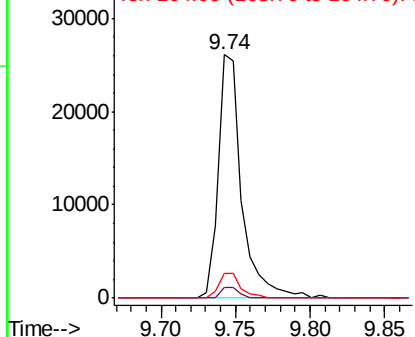


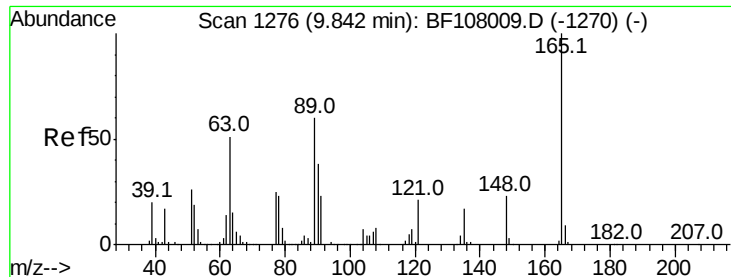
#49
Dimethylphthalate
Concen: 2.808 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion:163 Resp: 28916
Ion Ratio Lower Upper
163 100
194 4.4 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

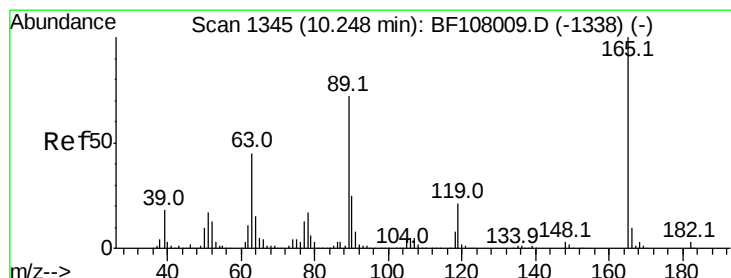
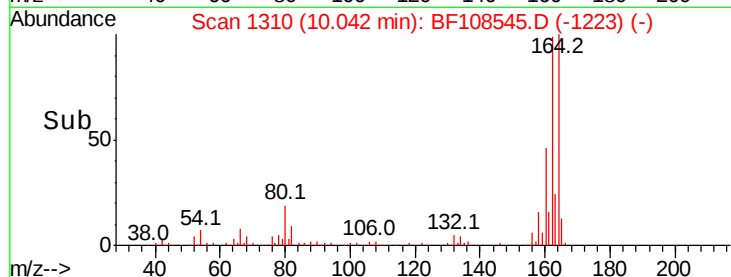
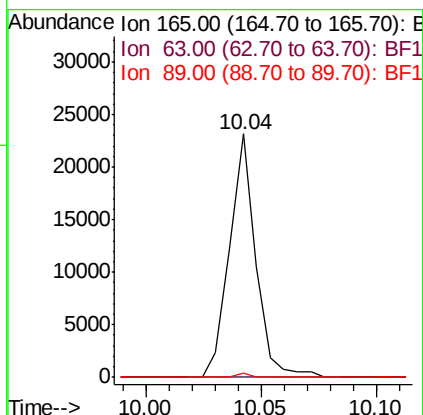
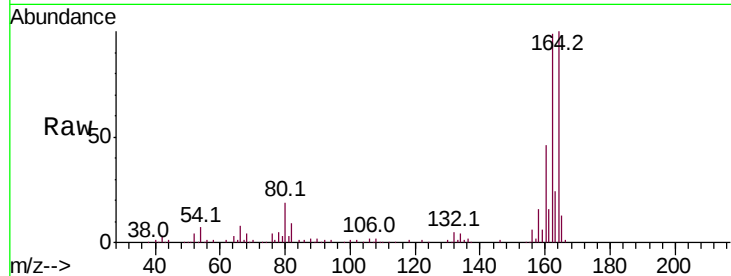




#50
 2,6-Dinitrotoluene
 Concen: 8.491 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108545.D
 Acq: 28 Aug 2018 7:45

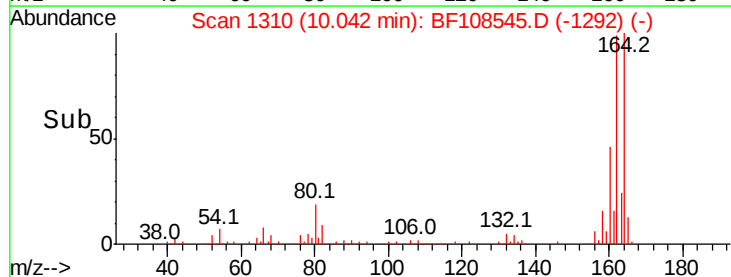
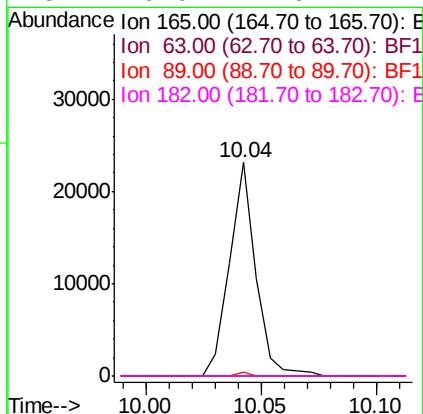
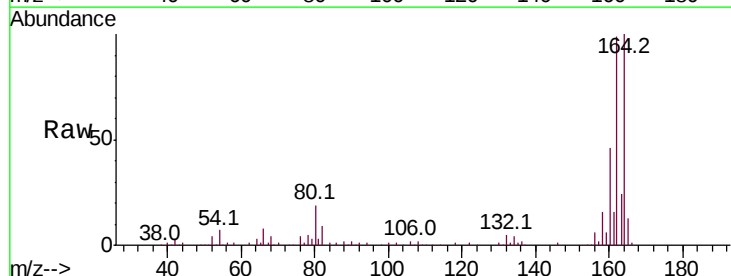
Instrument :
 BNA_F
 ClientSampleId :

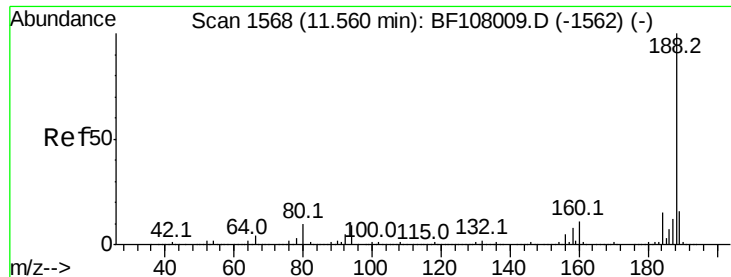
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.596 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108545.D
 Acq: 28 Aug 2018 7:45

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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF108545.D

Acq: 28 Aug 2018 7:45

Instrument :

BNA_F

ClientSampleId :

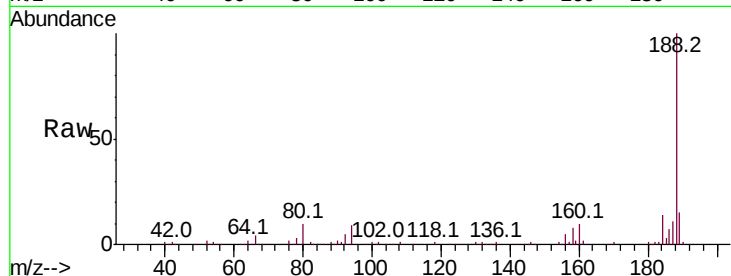
Tot Ion:188 Resp: 247202

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

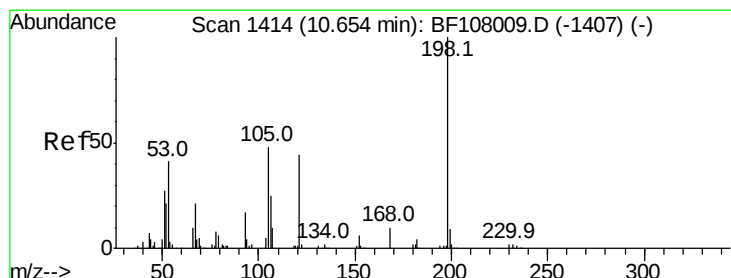
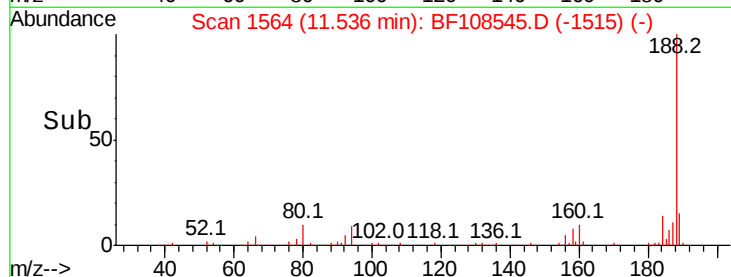
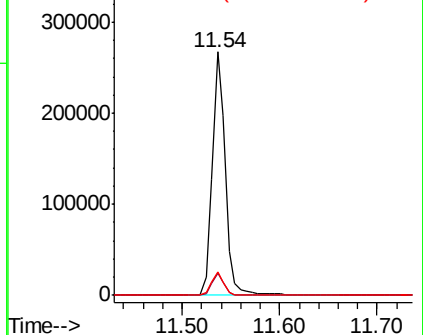
80 9.6 9.2 13.8



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: 5.588 ng

RT: 10.83 min Scan# 1444

Delta R.T. 0.18 min

Lab File: BF108545.D

Acq: 28 Aug 2018 7:45

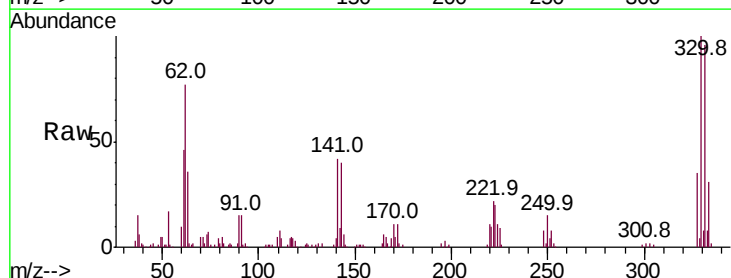
Tgt Ion:198 Resp: 240

Ion Ratio Lower Upper

198 100

51 245.4 37.7 77.7#

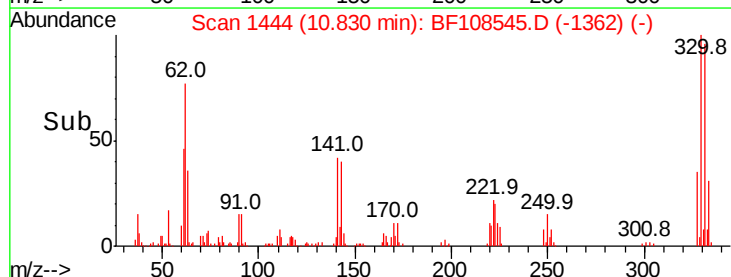
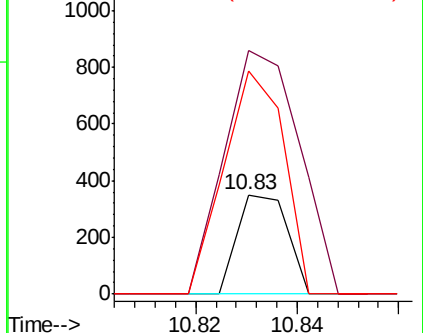
105 225.4 36.3 76.3#

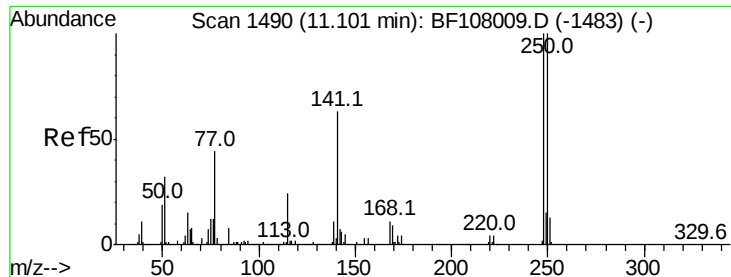


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

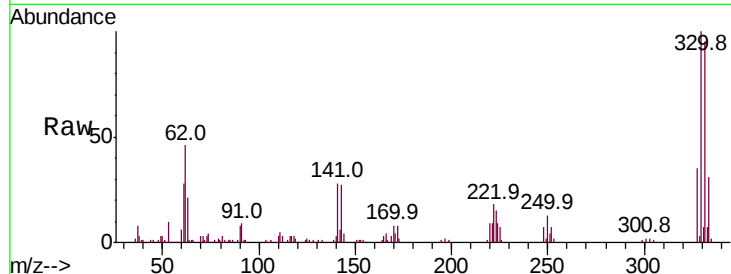




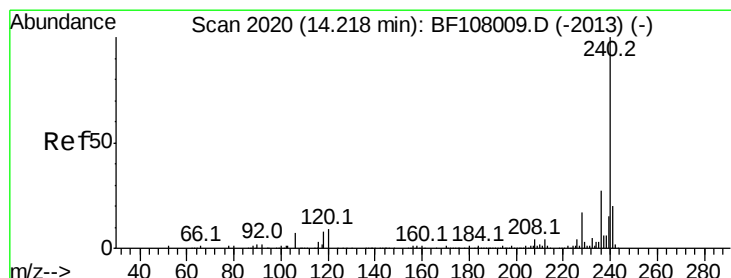
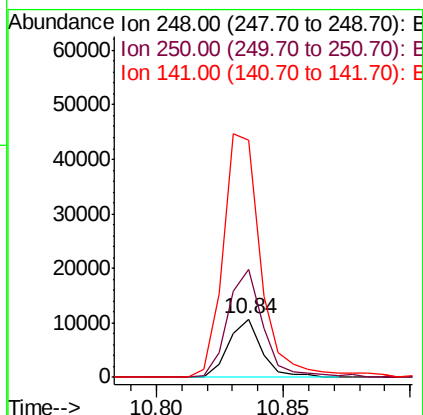
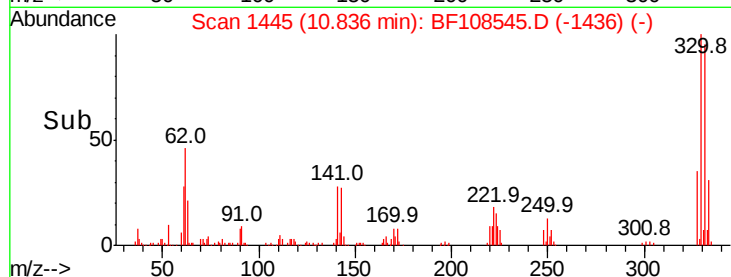
#66
4-Bromophenyl-phenylether
Concen: 3.607 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 9691
Ion Ratio Lower Upper
248 100
250 184.4 76.9 115.3#
141 405.5 74.4 111.6#

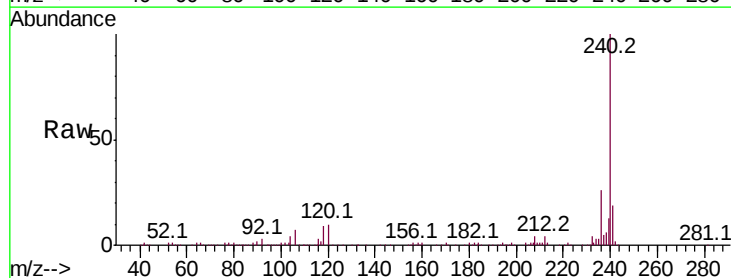


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

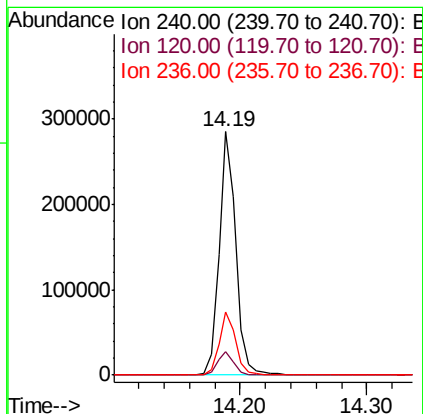
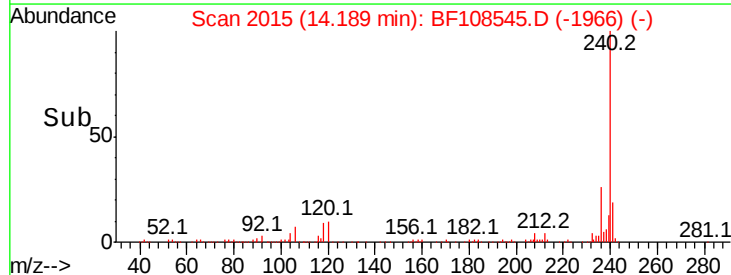


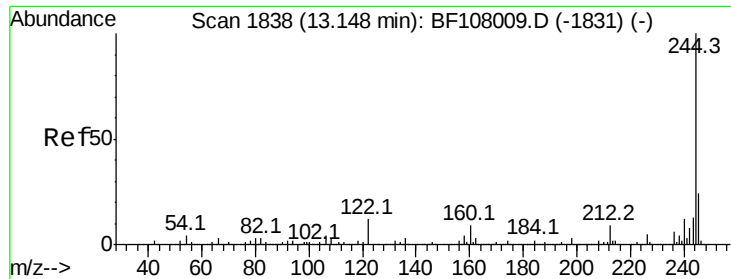
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion:240 Resp: 262362
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 25.8 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

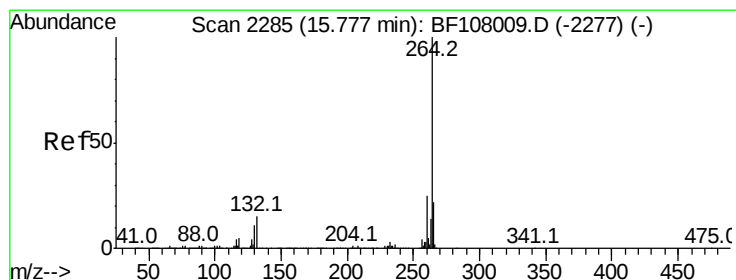
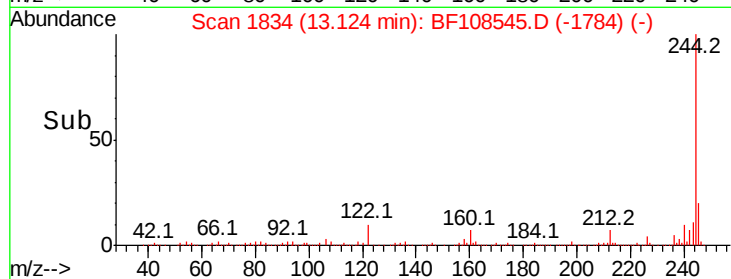
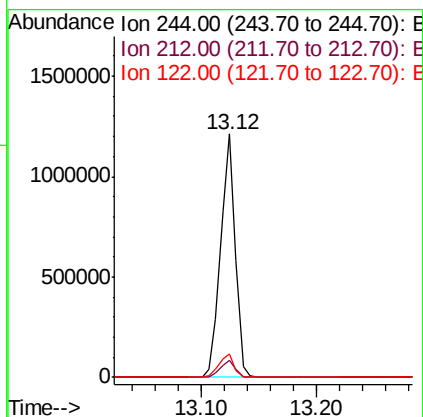
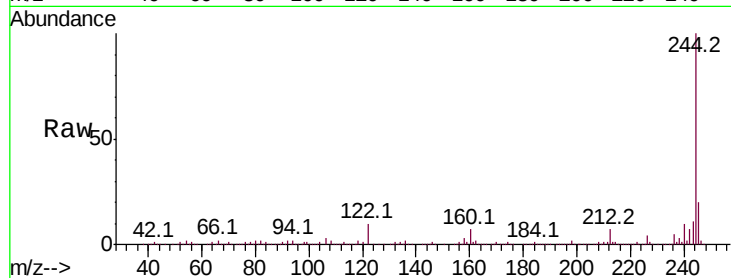




#78
 Terphenyl-d14
 Concen: 103.480 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108545.D
 Acq: 28 Aug 2018 7:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1067790
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 9.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108545.D
 Acq: 28 Aug 2018 7:45

Tgt Ion:264 Resp: 184393
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.4 17.5 26.3

