

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108540.D
 Acq On : 28 Aug 2018 5:30
 Operator : JU/SJ
 Sample : J4659-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 06:59:20 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

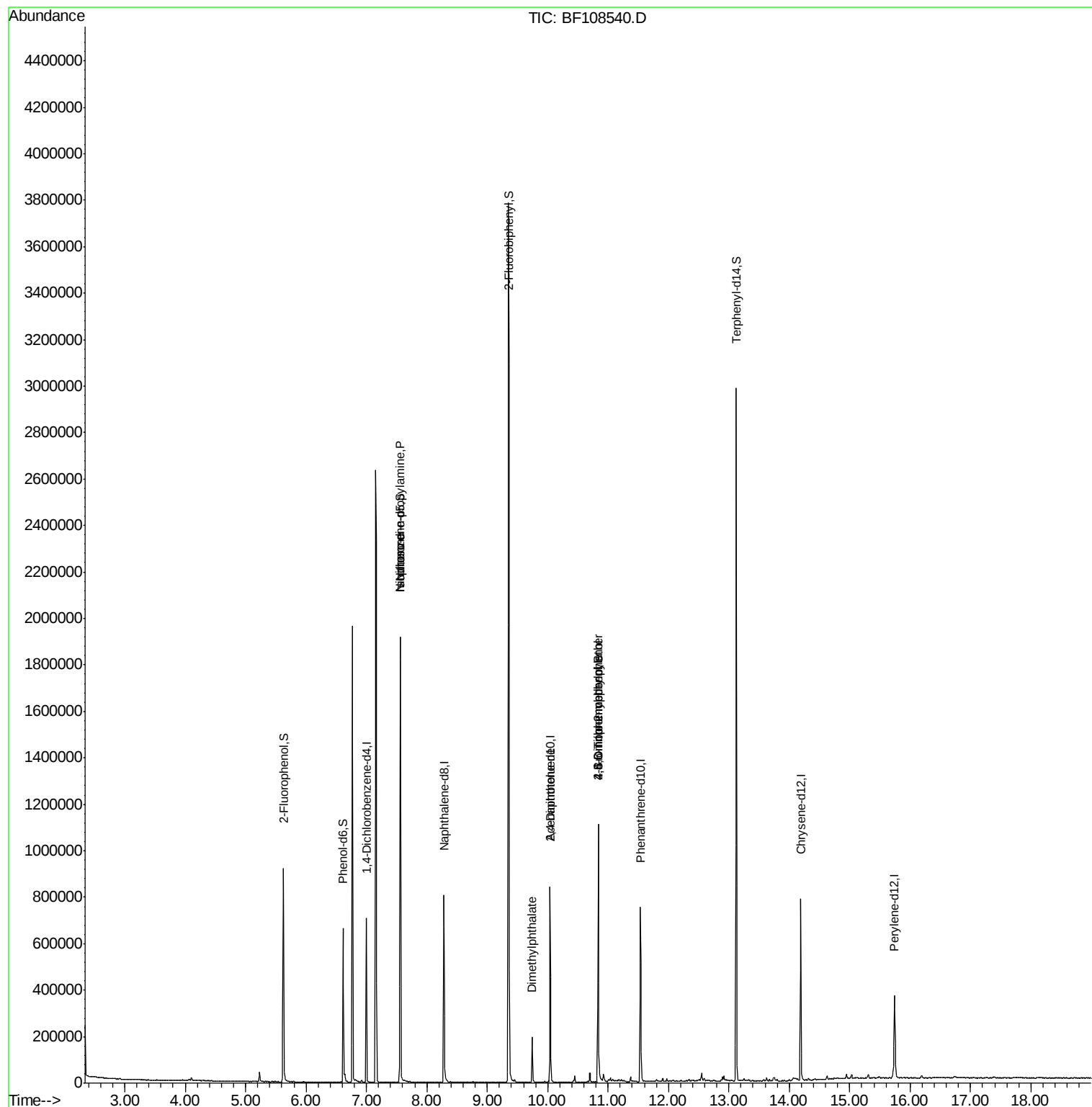
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	107359	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	368954	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	157997	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	274582	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	272522	20.00	ng	-0.01
86) Perylene-d12	15.74	264	186755	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	240160	40.50	ng	0.00
7) Phenol-d6	6.61	99	195965	24.87	ng	-0.02
23) Nitrobenzene-d5	7.56	82	682774	103.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	145707	92.45	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1226655	124.65	ng	-0.01
78) Terphenyl-d14	13.12	244	1009520	94.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	90378	16.960	ng	# 83
25) Isophorone	7.56	82	682769	54.177	ng	# 64
49) Dimethylphthalate	9.74	163	81937	7.445	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	20202	6.816	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.83	198	237	5.563	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	9046	3.032	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108540.D
Acq On : 28 Aug 2018 5:30
Operator : JU/SJ
Sample : J4659-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 28 06:59:20 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



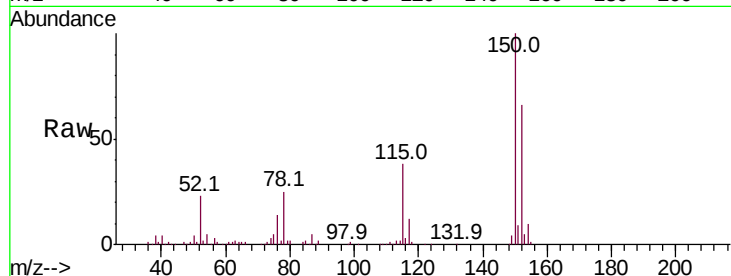


#1

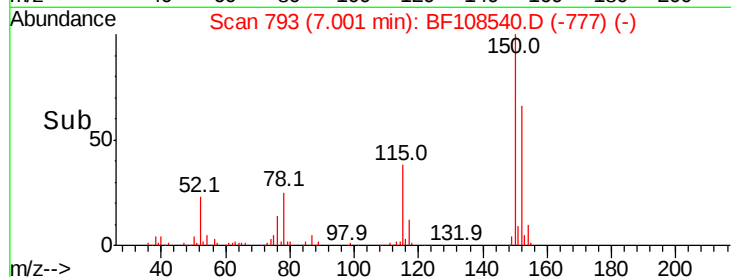
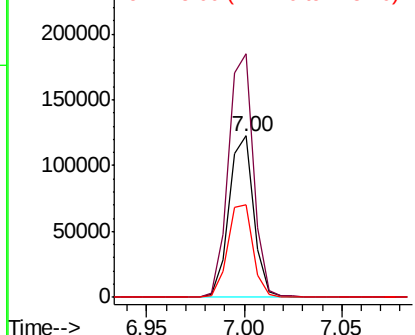
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108540.D
Acq: 28 Aug 2018 5:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 107359
Ion Ratio Lower Upper
152 100
150 151.0 124.6 186.8
115 57.5 50.1 75.1



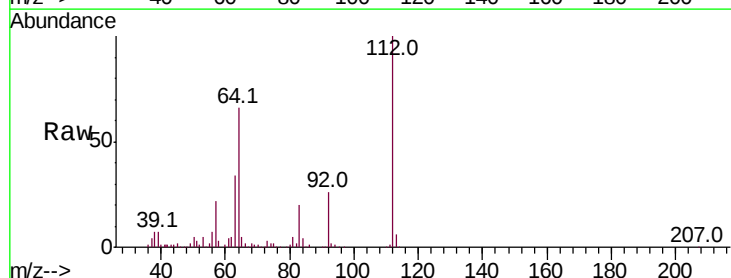
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



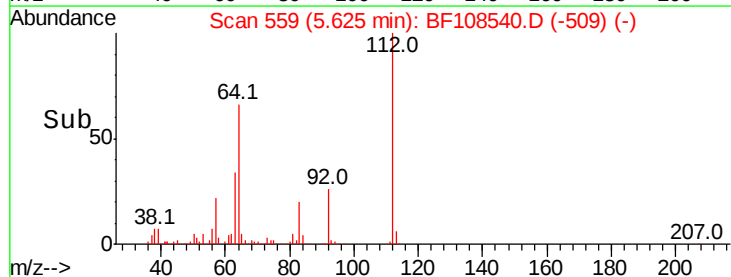
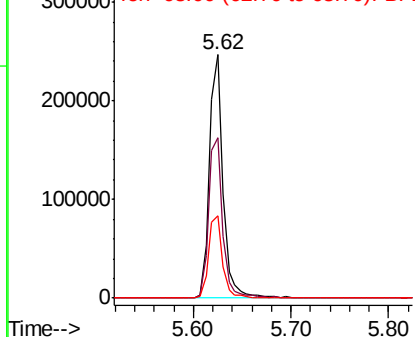
#5

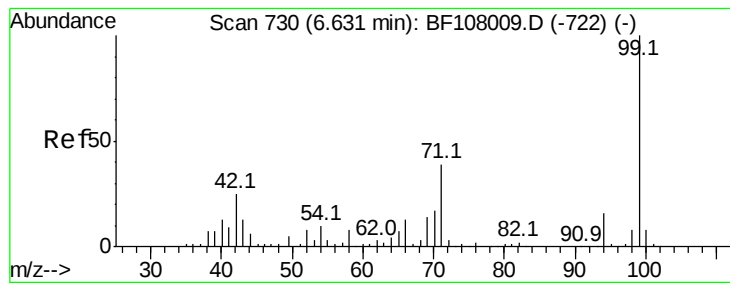
2-Fluorophenol
Concen: 40.500 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108540.D
Acq: 28 Aug 2018 5:30

Tgt Ion:112 Resp: 240160
Ion Ratio Lower Upper
112 100
64 66.1 47.9 71.9
63 34.0 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: 24.868 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108540.D

Acq: 28 Aug 2018 5:30

Instrument :

BNA_F

ClientSampled :

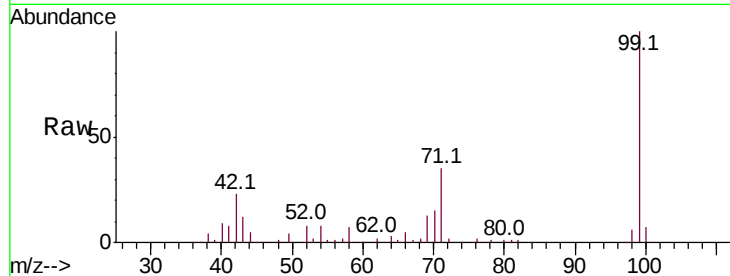
Tot Ion: 99 Resp: 195965

Ion Ratio Lower Upper

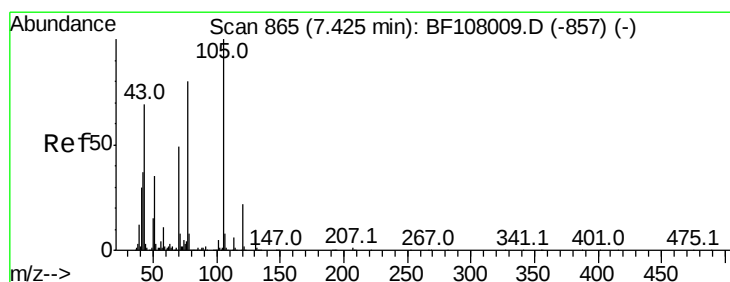
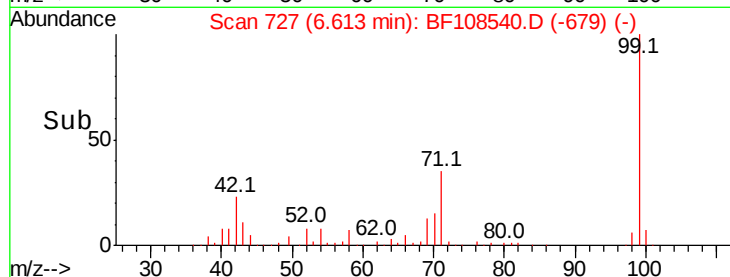
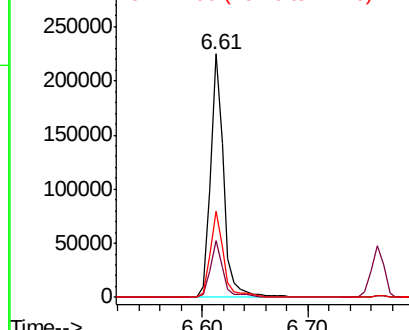
99 100

42 23.3 14.5 21.7#

71 35.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.960 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108540.D

Acq: 28 Aug 2018 5:30

Tgt Ion: 70 Resp: 90378

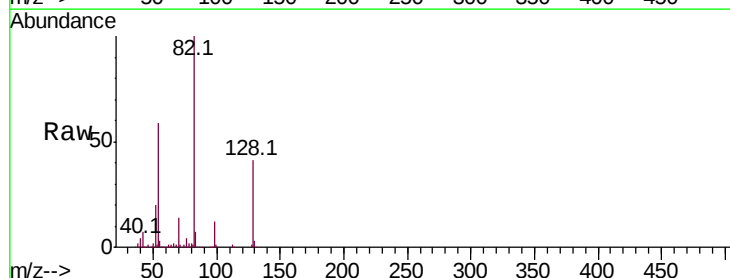
Ion Ratio Lower Upper

70 100

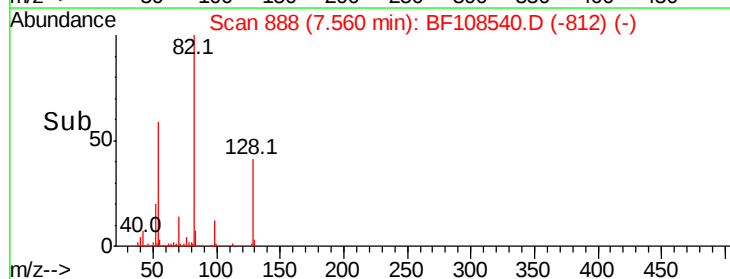
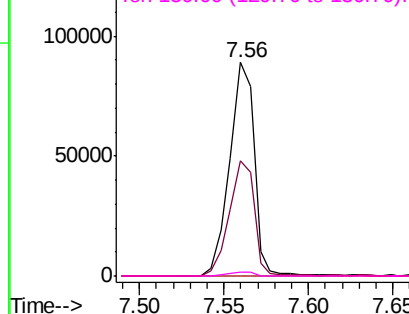
42 53.7 47.5 71.3

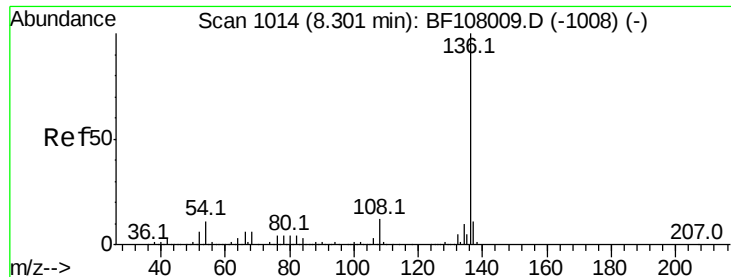
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

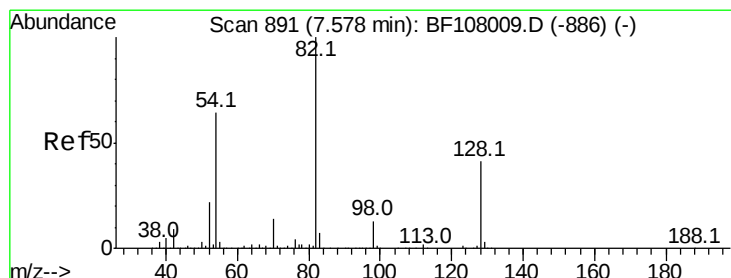
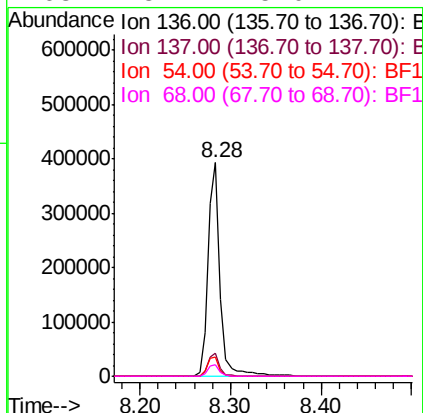
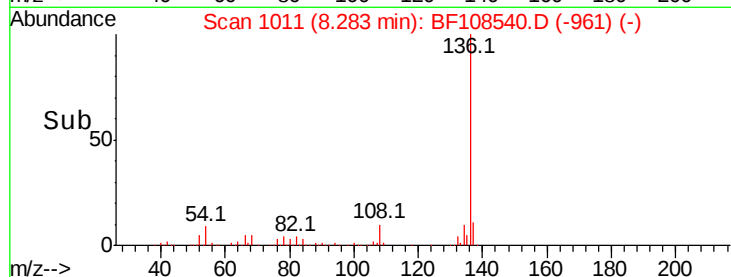
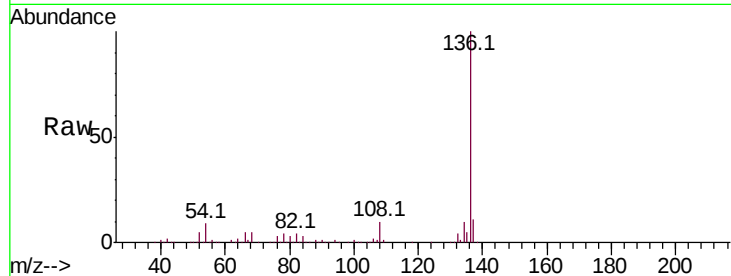




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108540.D
Acq: 28 Aug 2018 5:30

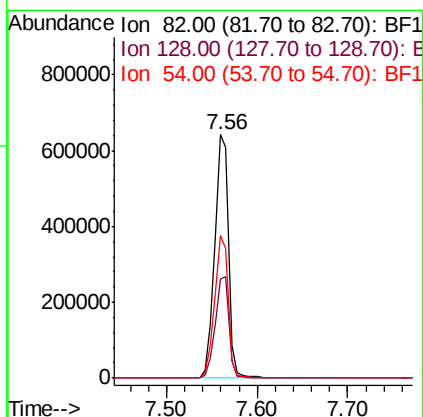
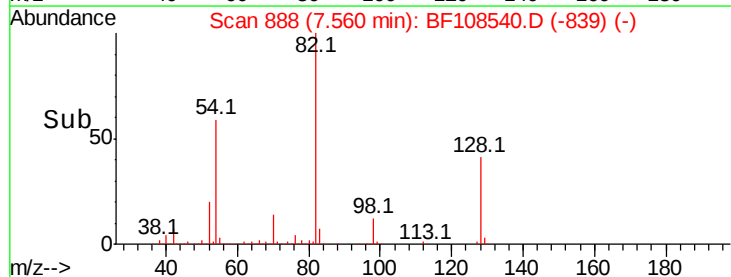
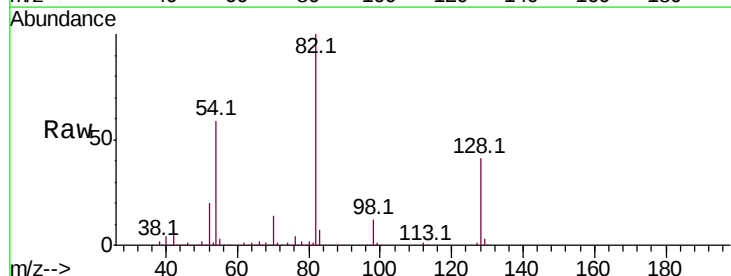
Instrument :
BNA_F
ClientSampleId :

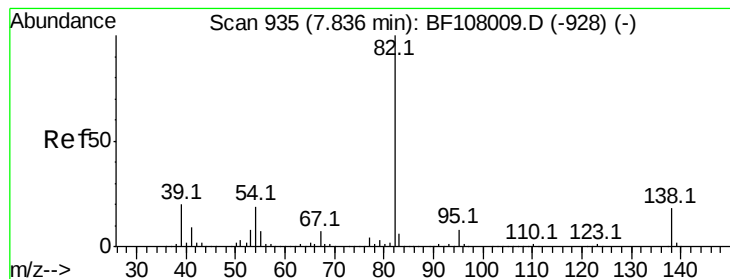
Tot Ion:136	Resp:	368954
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	9.0	6.6 9.8
68	5.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 103.264 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108540.D
Acq: 28 Aug 2018 5:30

Tgt Ion: 82	Resp:	682774
Ion	Ratio	Lower Upper
82	100	
128	40.6	36.1 54.1
54	58.5	41.4 62.2





#25

Isophorone

Concen: 54.177 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF108540.D

Acq: 28 Aug 2018 5:30

Instrument :

BNA_F

ClientSampled :

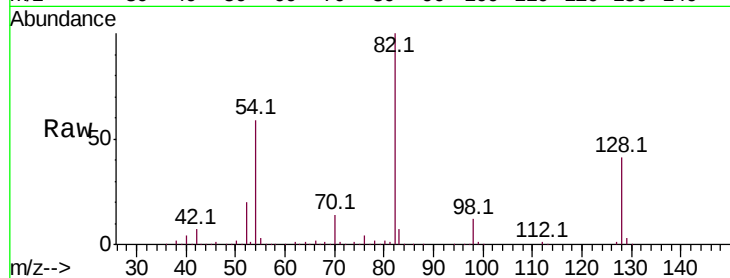
Tot Ion: 82 Resp: 682769

Ion Ratio Lower Upper

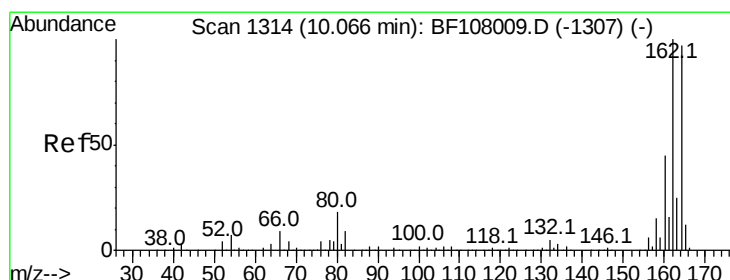
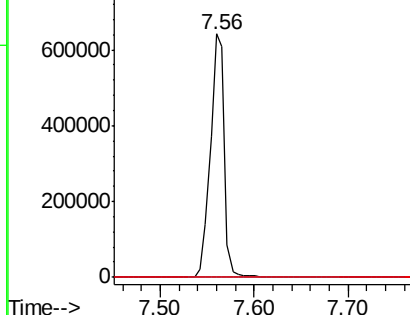
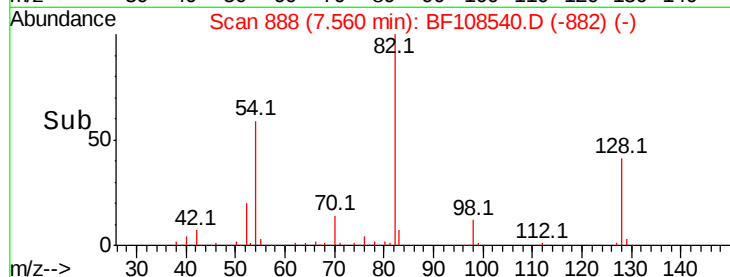
82 100

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: BF108540.D

Acq: 28 Aug 2018 5:30

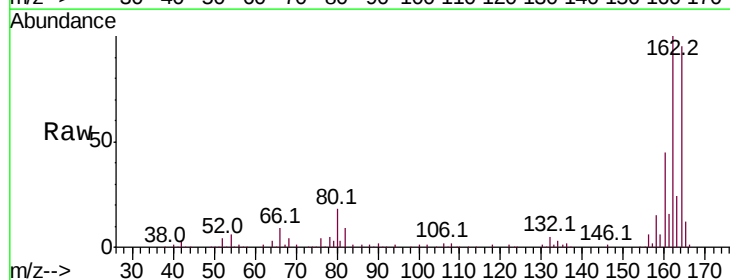
Tgt Ion:164 Resp: 157997

Ion Ratio Lower Upper

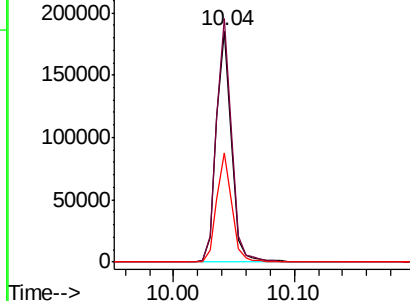
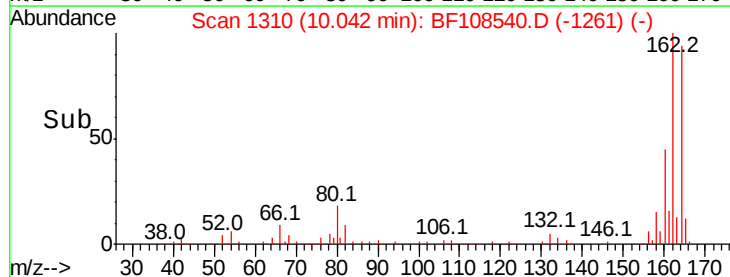
164 100

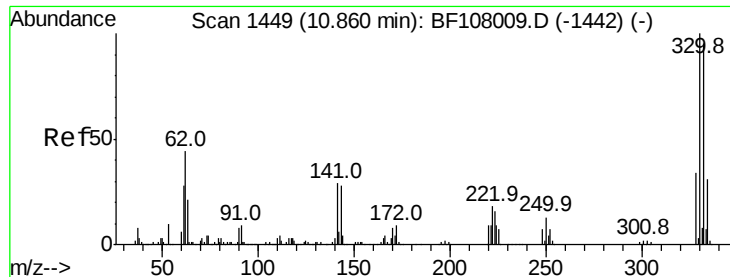
162 105.3 86.1 129.1

160 47.3 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

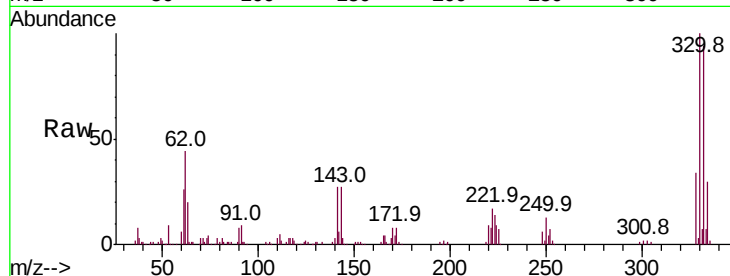




#41
 2,4,6-Tribromophenol
 Concen: 92.455 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108540.D
 Acq: 28 Aug 2018 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.1	29.9	44.9

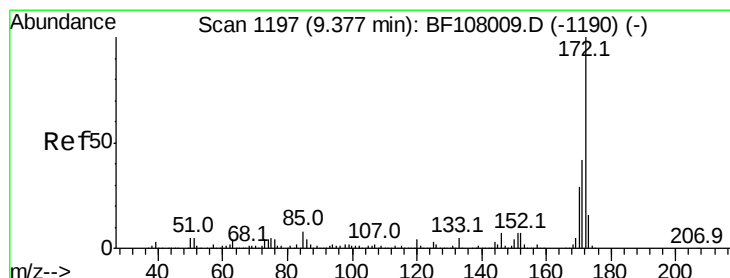
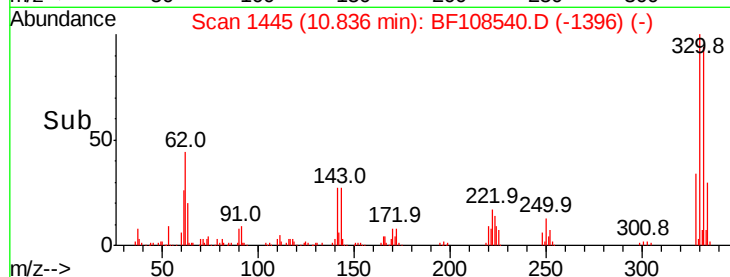
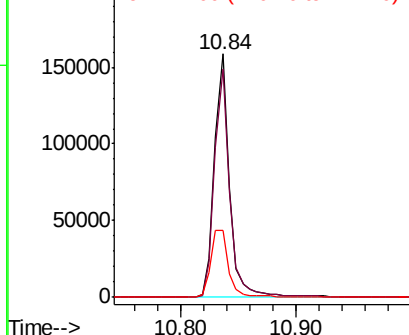


Abundance

Ion 329.80 (329.50 to 330.50): E

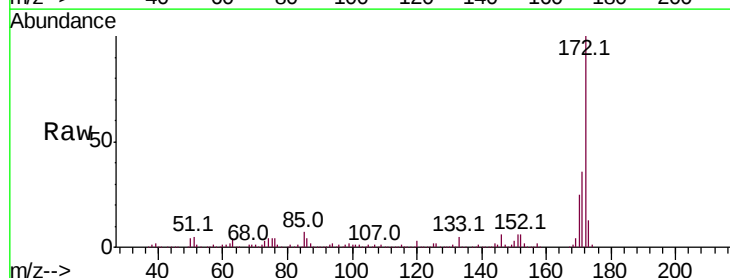
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 124.645 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108540.D
 Acq: 28 Aug 2018 5:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4

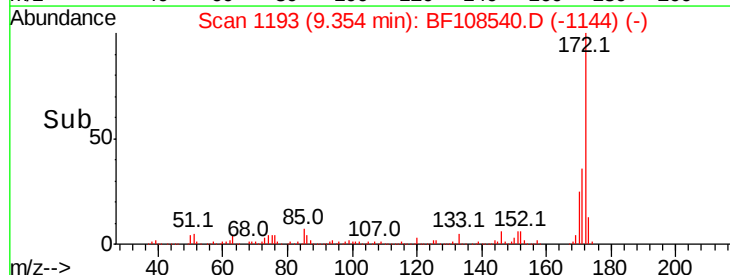
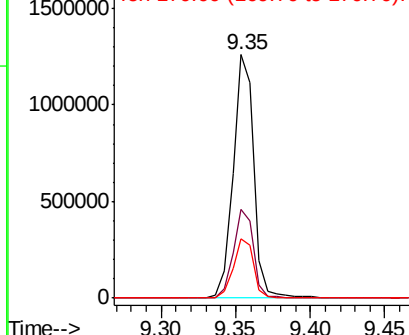


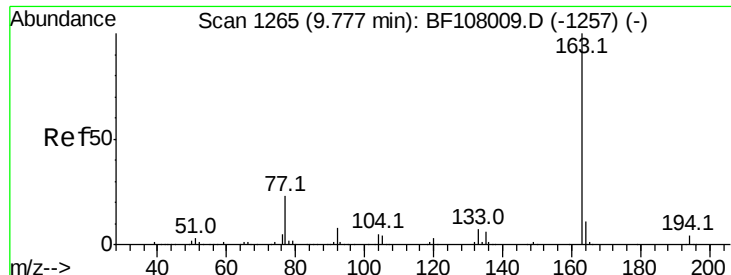
Abundance

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

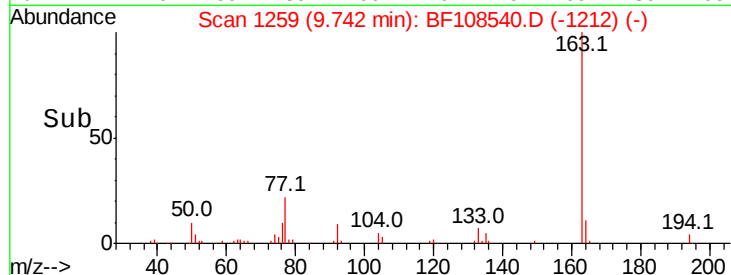
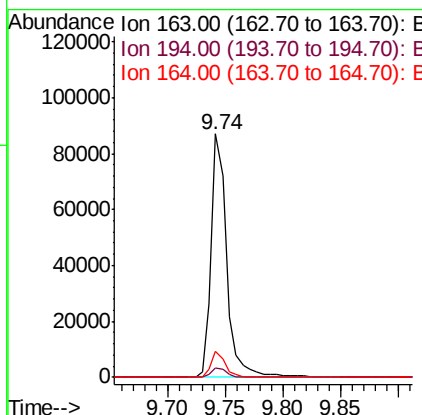
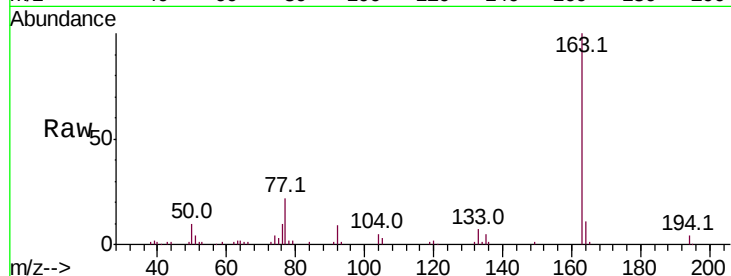




#49
Dimethylphthalate
Concen: 7.445 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108540.D
Acq: 28 Aug 2018 5:30

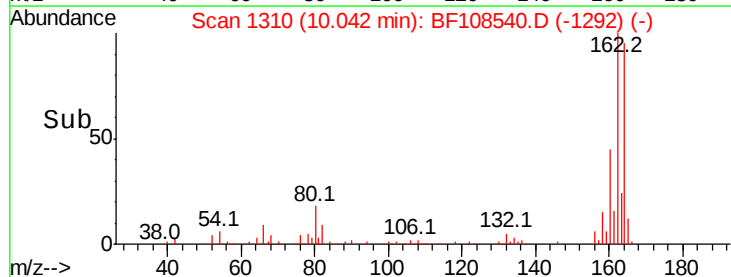
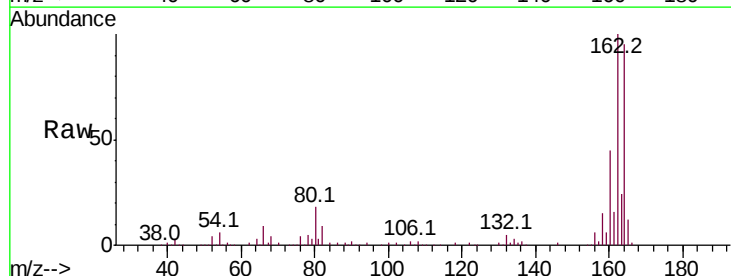
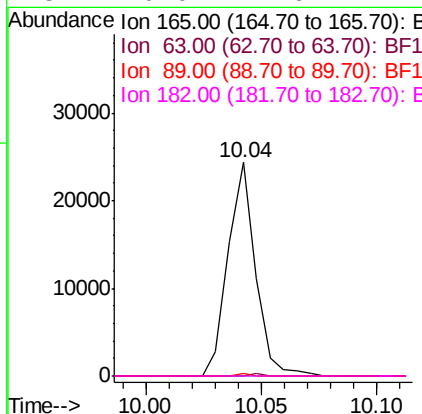
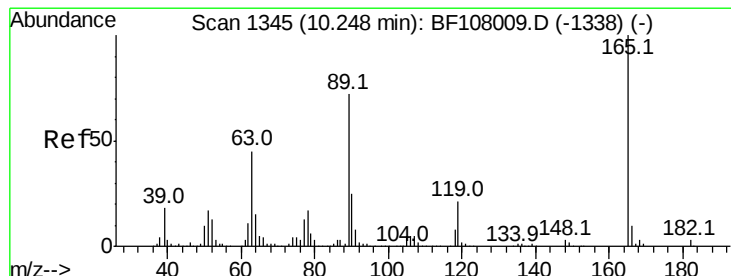
Instrument :
BNA_F
ClientSampleId :

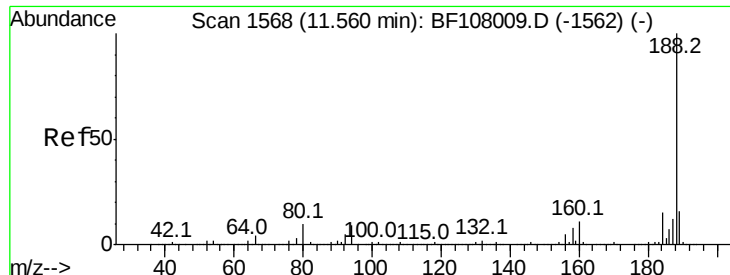
Tot Ion:163 Resp: 81937
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.6 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.816 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108540.D
Acq: 28 Aug 2018 5:30

Tgt Ion:165 Resp: 20202
Ion Ratio Lower Upper
165 100
63 0.0 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: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF108540.D

Acq: 28 Aug 2018 5:30

Instrument :

BNA_F

ClientSampleId :

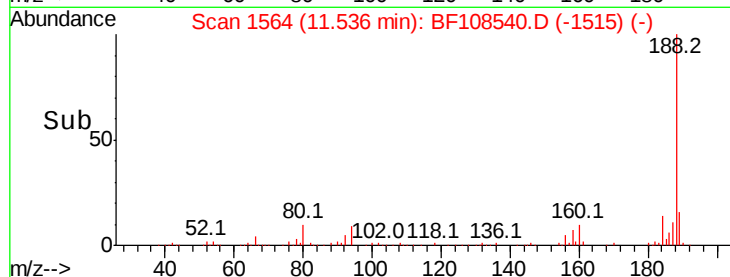
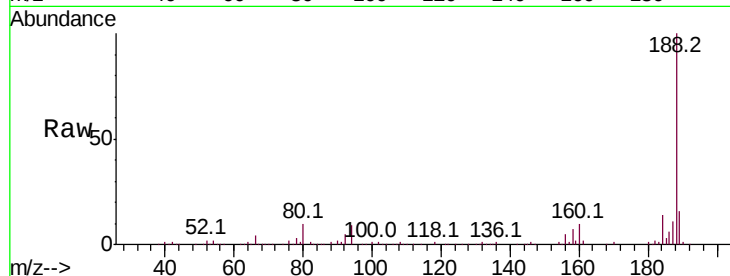
Tot Ion:188 Resp: 274582

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

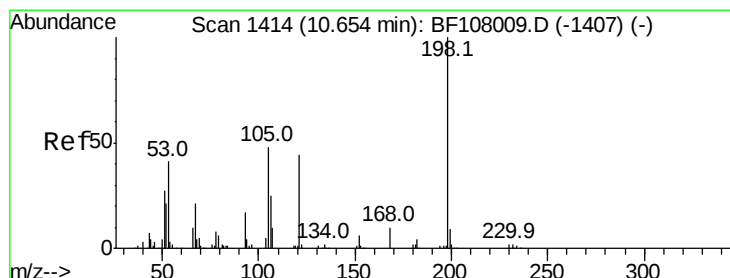
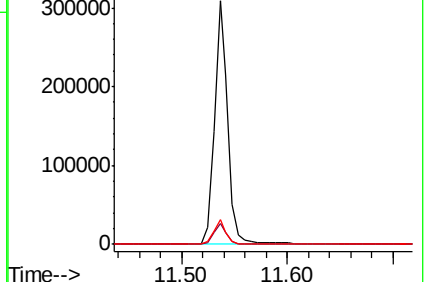
80 10.0 9.2 13.8



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: 5.563 ng

RT: 10.83 min Scan# 1444

Delta R.T. 0.18 min

Lab File: BF108540.D

Acq: 28 Aug 2018 5:30

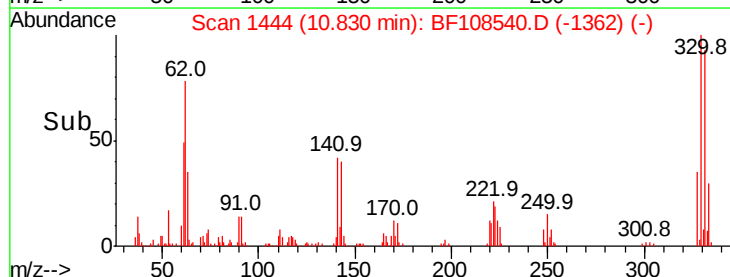
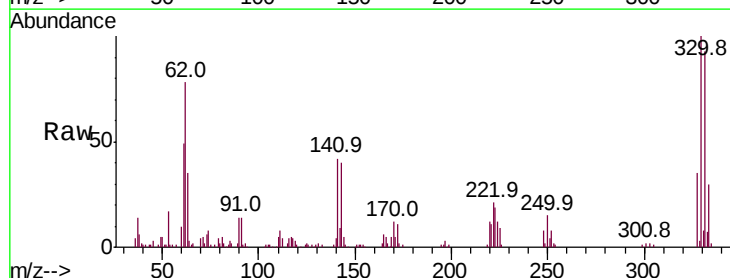
Tgt Ion:198 Resp: 237

Ion Ratio Lower Upper

198 100

51 230.7 37.7 77.7#

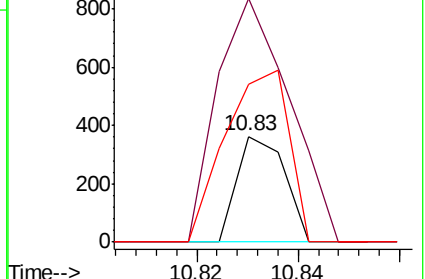
105 150.0 36.3 76.3#

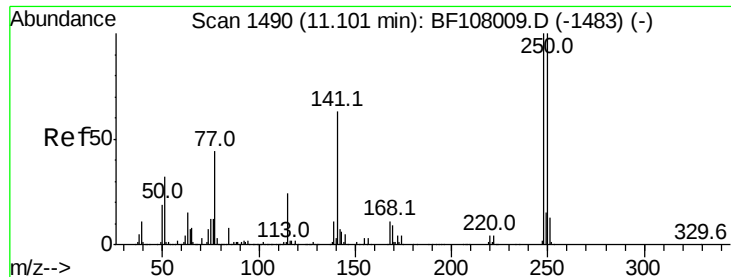


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

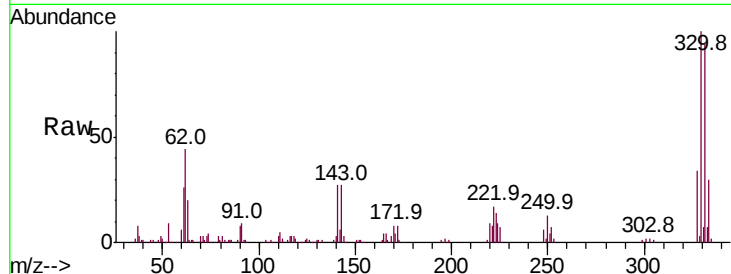




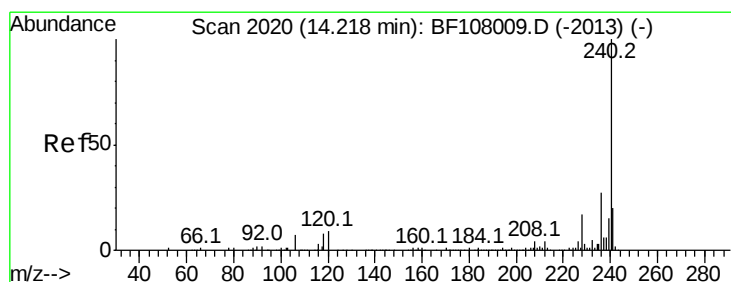
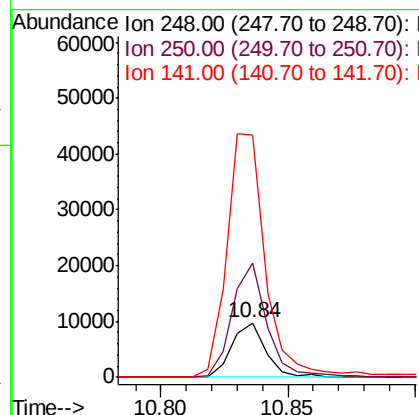
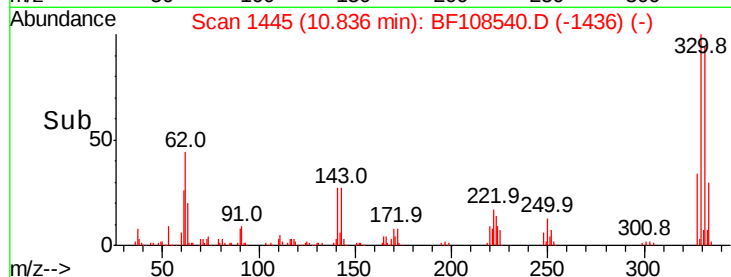
#66
 4-Bromophenyl-phenylether
 Concen: 3.032 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108540.D
 Acq: 28 Aug 2018 5:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 9046
 Ion Ratio Lower Upper
 248 100
 250 210.8 76.9 115.3#
 141 446.0 74.4 111.6#

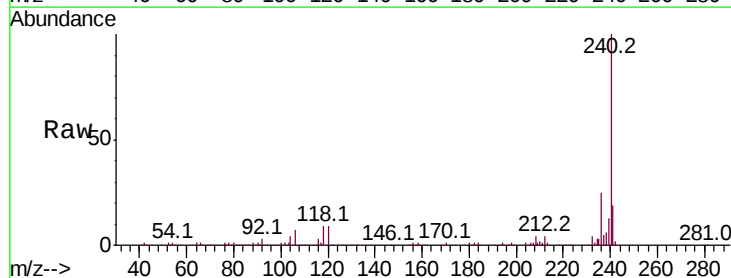


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

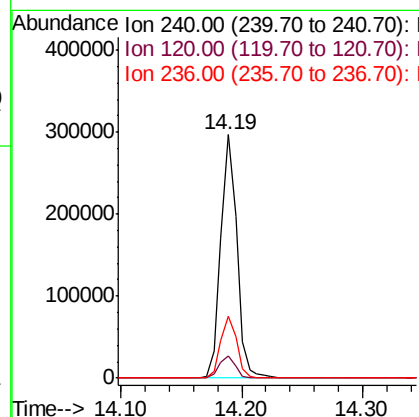
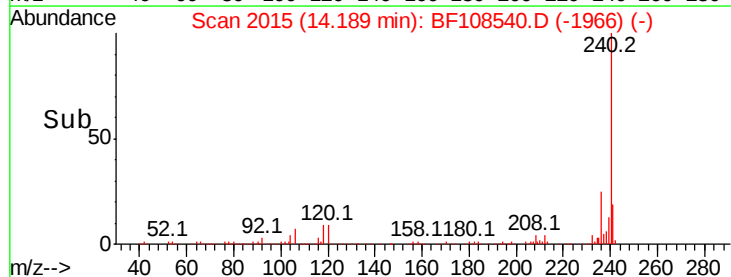


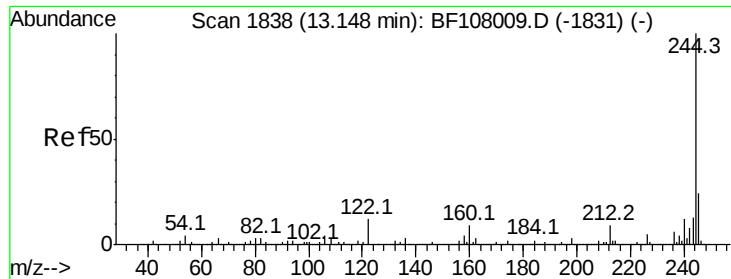
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108540.D
 Acq: 28 Aug 2018 5:30

Tgt Ion:240 Resp: 272522
 Ion Ratio Lower Upper
 240 100
 120 9.1 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: 94.186 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108540.D

Acq: 28 Aug 2018 5:30

Instrument :

BNA_F

ClientSampleId :

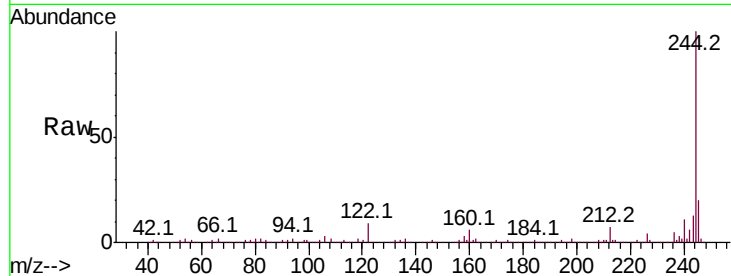
Tot Ion:244 Resp: 1009520

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

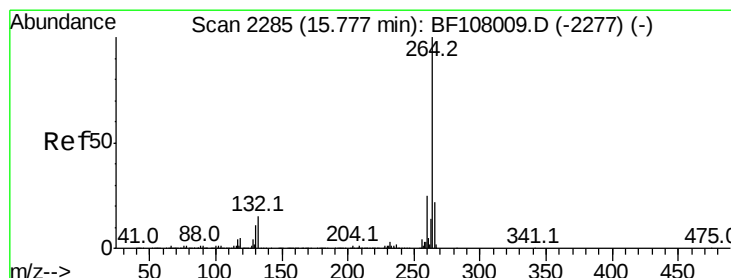
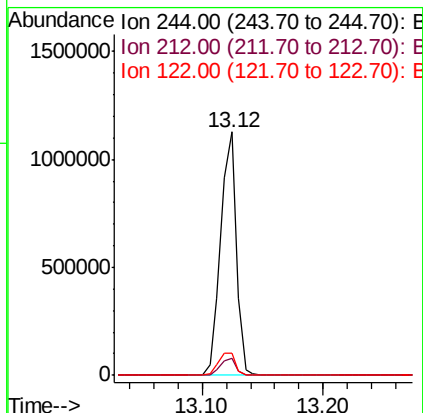
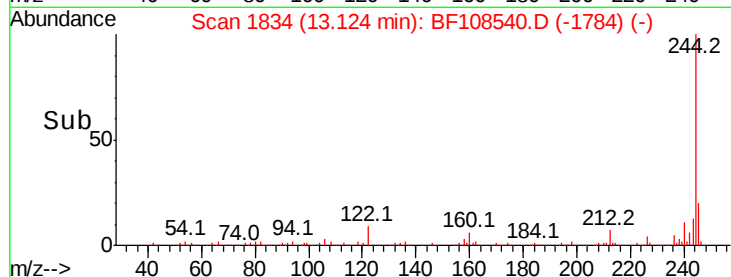
122 8.9 11.0 16.4#



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: BF108540.D

Acq: 28 Aug 2018 5:30

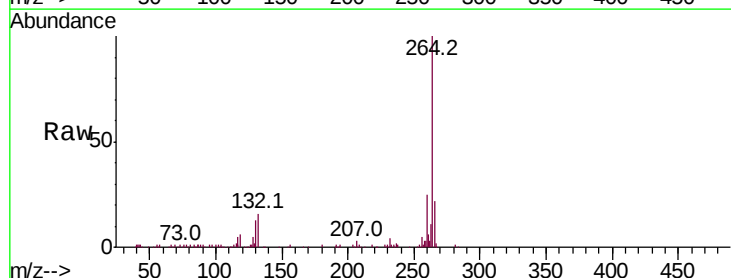
Tgt Ion:264 Resp: 186755

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.5 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

