

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108508.D
 Acq On : 27 Aug 2018 14:15
 Operator : JU/SJ
 Sample : J4646-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 14:57:29 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

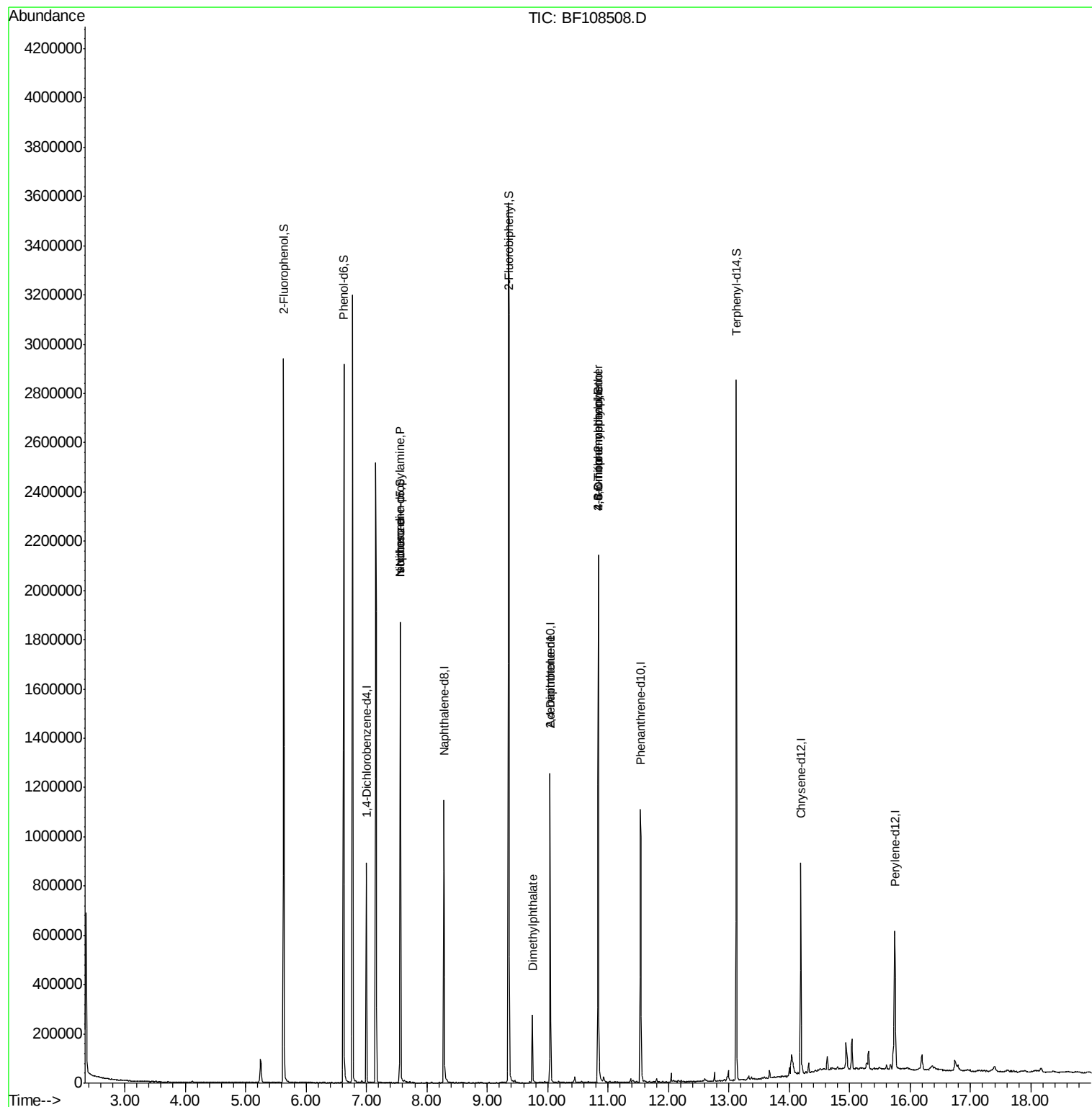
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	127977	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	494375	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	244895	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	423063	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	291149	20.00	ng	-0.01
86) Perylene-d12	15.75	264	286429	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	701084	99.18	ng	0.00
7) Phenol-d6	6.62	99	943254	100.42	ng	0.00
23) Nitrobenzene-d5	7.56	82	629097	71.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	253130	103.62	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1165529	76.41	ng	-0.01
78) Terphenyl-d14	13.12	244	897254	78.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	84520	13.306	ng	# 84
25) Isophorone	7.56	82	629093	37.254	ng	# 64
49) Dimethylphthalate	9.75	163	122154	7.161	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	30794	6.703	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	518	5.648	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	16530	3.595	ng	# 1

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

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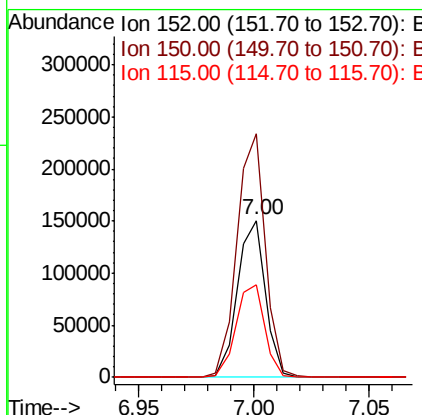
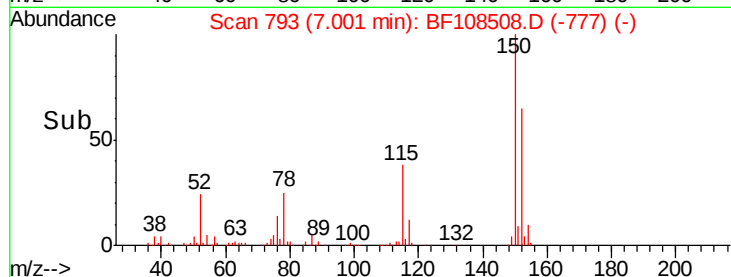
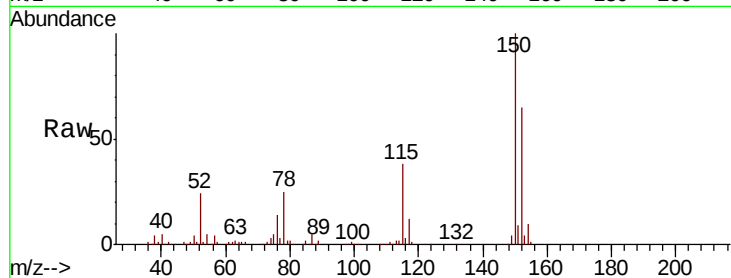


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108508.D
Acq: 27 Aug 2018 14:15

Instrument :
BNA_F
ClientSampleId :

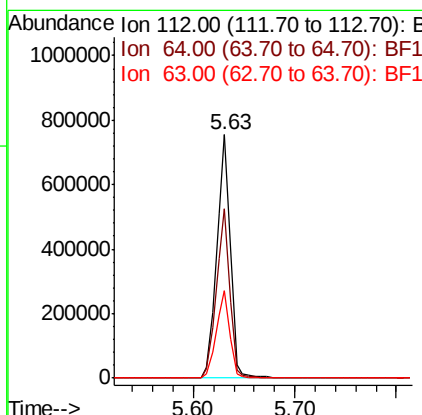
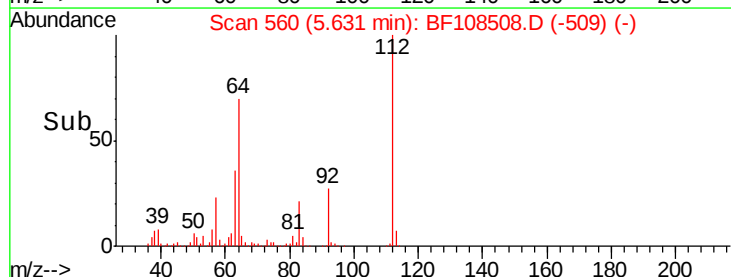
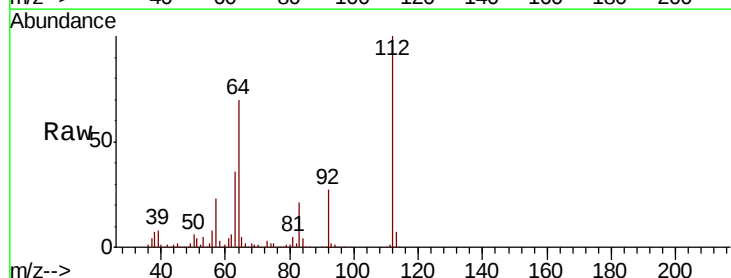
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	58.8	50.1	75.1



#5

2-Fluorophenol
Concen: 99.180 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108508.D
Acq: 27 Aug 2018 14:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	47.9	71.9
63	36.1	23.7	35.5#





#7

Phenol-d6

Concen: 100.416 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108508.D

Acq: 27 Aug 2018 14:15

Instrument :

BNA_F

ClientSampleId :

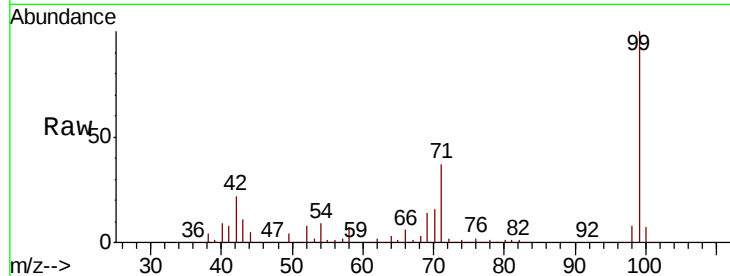
Tot Ion: 99 Resp: 943254

Ion Ratio Lower Upper

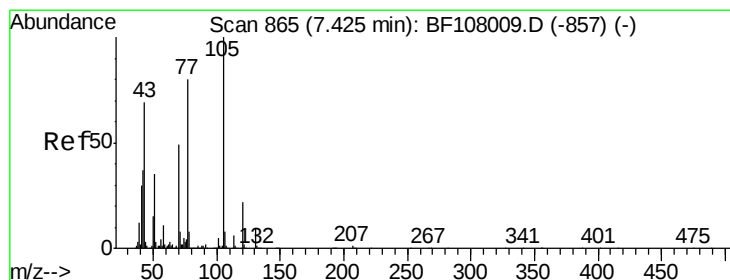
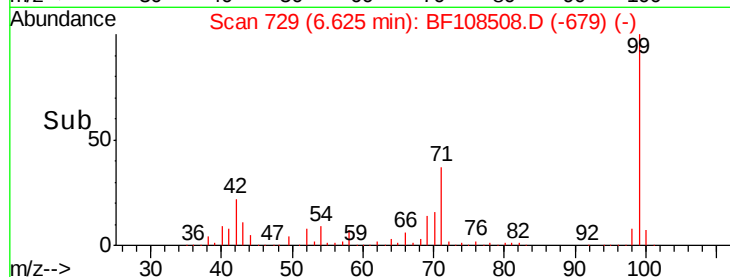
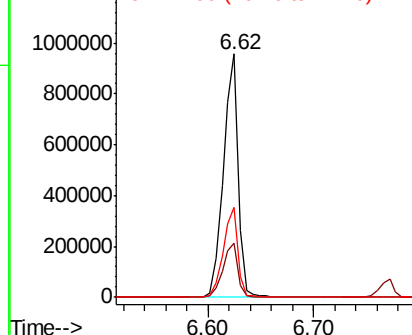
99 100

42 22.2 14.5 21.7#

71 37.2 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: 13.306 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108508.D

Acq: 27 Aug 2018 14:15

Tgt Ion: 70 Resp: 84520

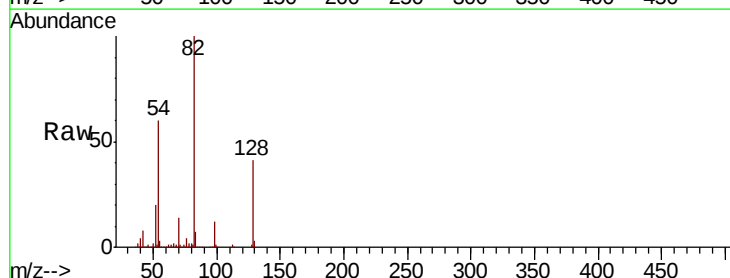
Ion Ratio Lower Upper

70 100

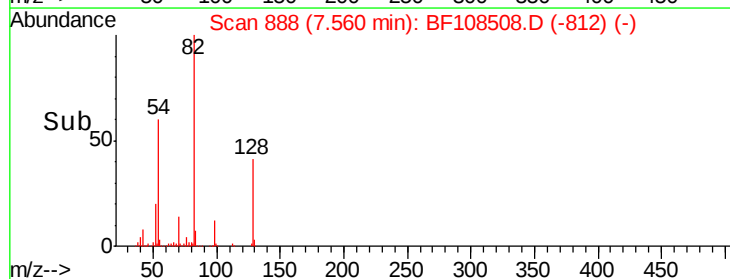
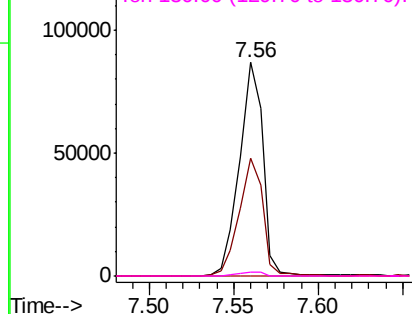
42 55.2 47.5 71.3

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: BF108508.D

Acq: 27 Aug 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 494375

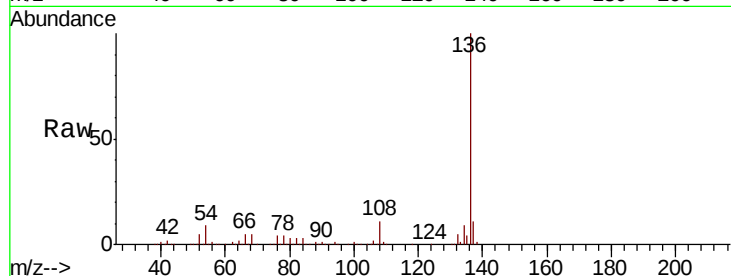
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.1 6.6 9.8

68 5.5 5.0 7.4

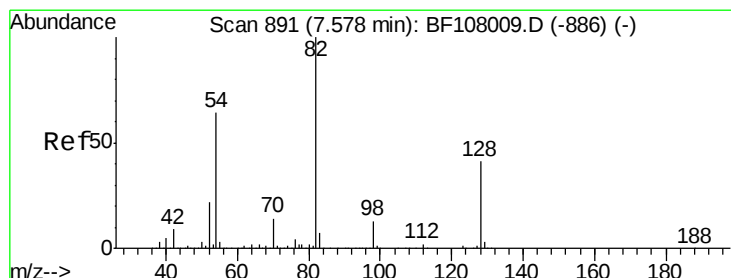
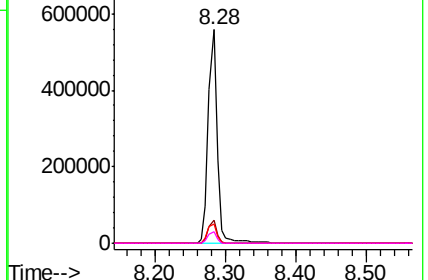
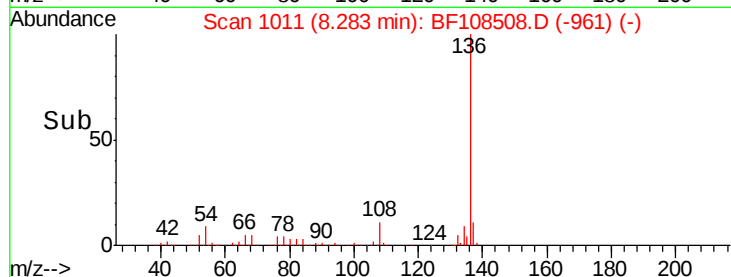


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.008 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108508.D

Acq: 27 Aug 2018 14:15

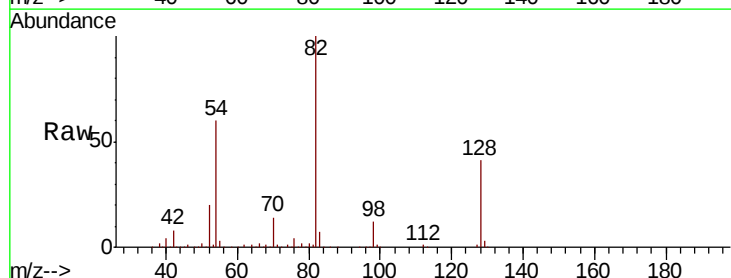
Tgt Ion: 82 Resp: 629097

Ion Ratio Lower Upper

82 100

128 41.4 36.1 54.1

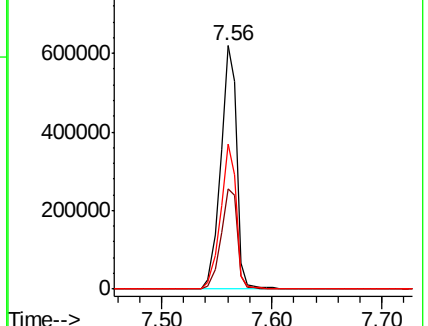
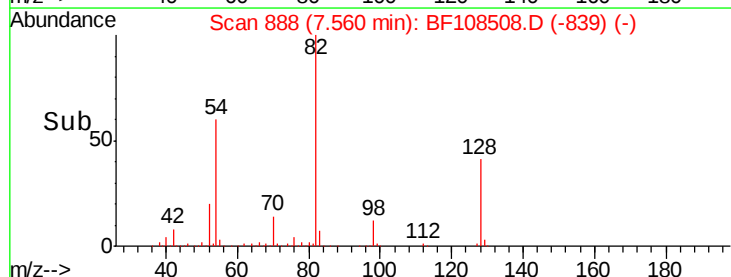
54 59.8 41.4 62.2



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: 37.254 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108508.D

Acq: 27 Aug 2018 14:15

Instrument :

BNA_F

ClientSampleId :

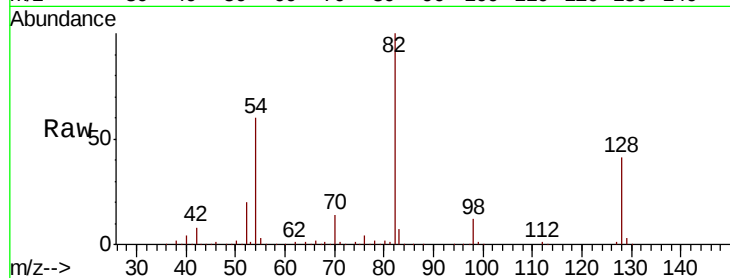
Tot Ion: 82 Resp: 629093

Ion Ratio Lower Upper

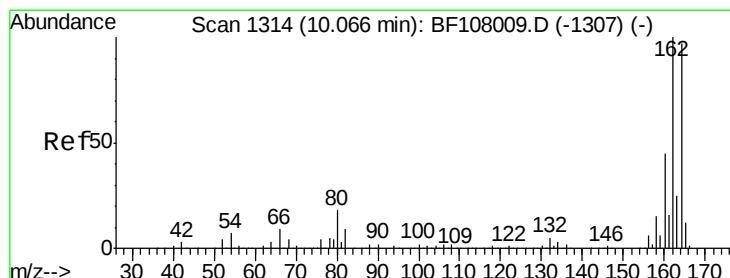
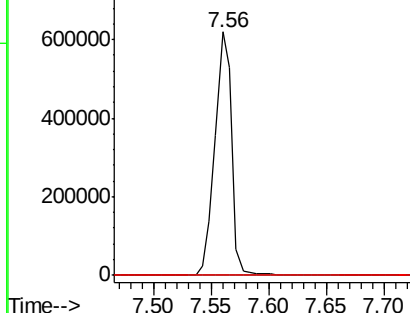
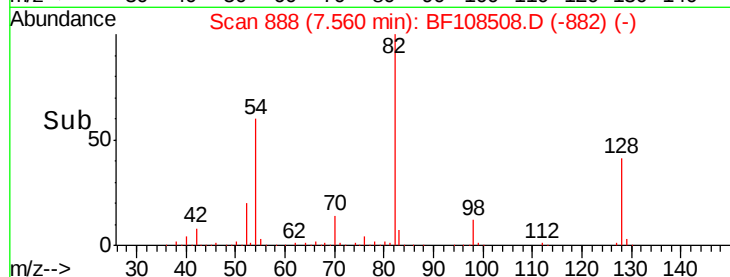
82 100

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: BF108508.D

Acq: 27 Aug 2018 14:15

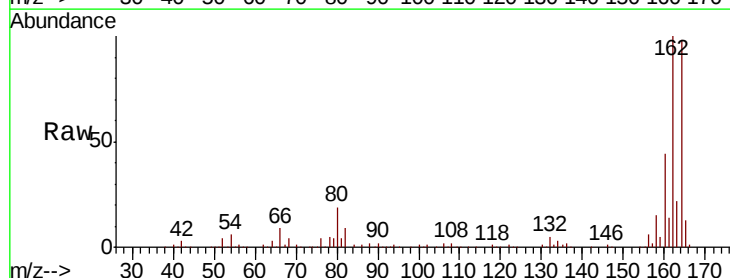
Tgt Ion: 164 Resp: 244895

Ion Ratio Lower Upper

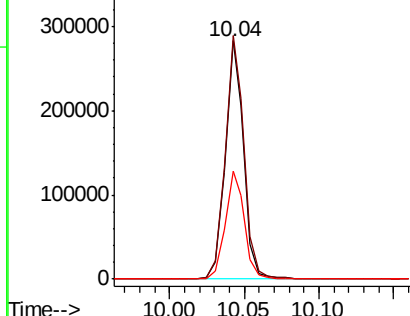
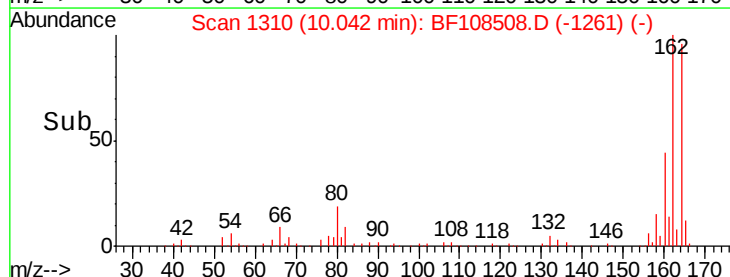
164 100

162 102.2 86.1 129.1

160 45.3 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

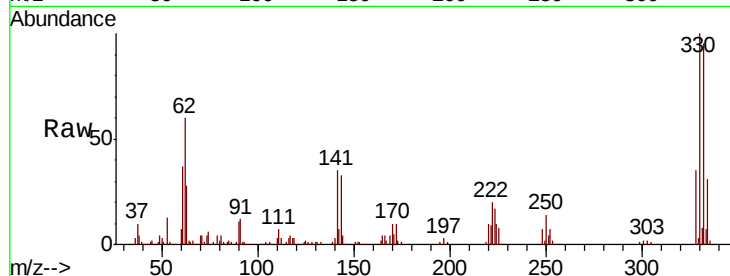




#41
 2,4,6-Tribromophenol
 Concen: 103.624 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108508.D
 Acq: 27 Aug 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.8	29.9	44.9

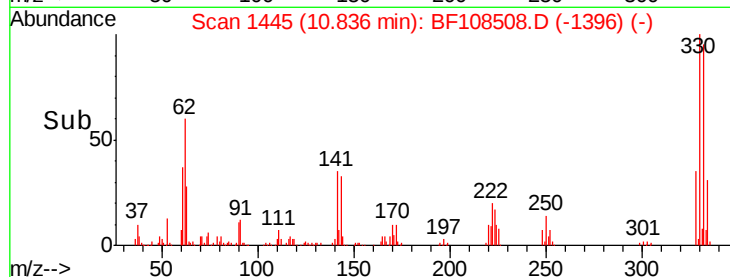
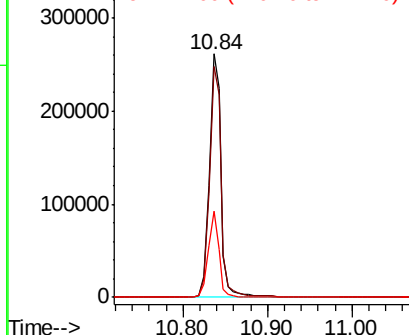


Abundance

Ion 329.80 (329.50 to 330.50): E

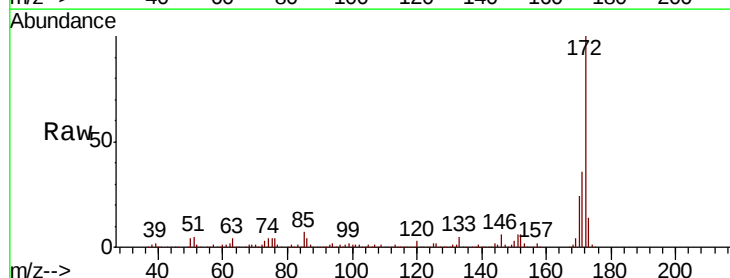
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.409 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108508.D
 Acq: 27 Aug 2018 14:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

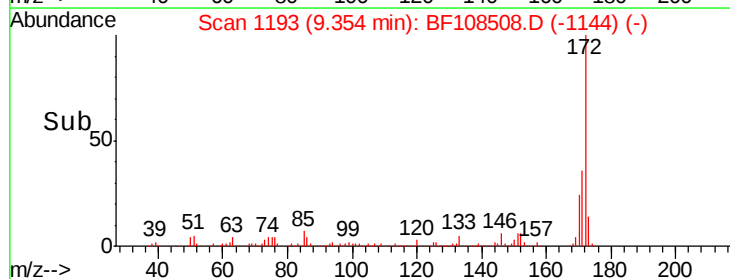
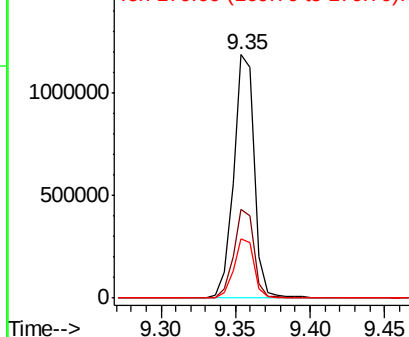


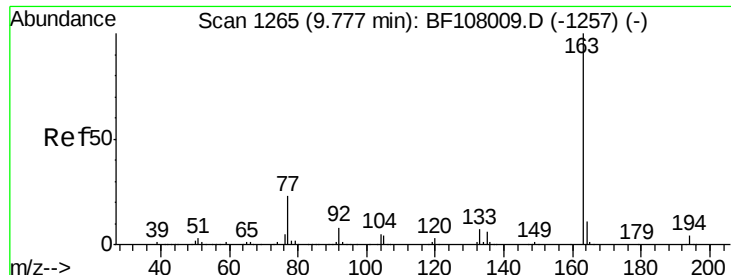
Abundance

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

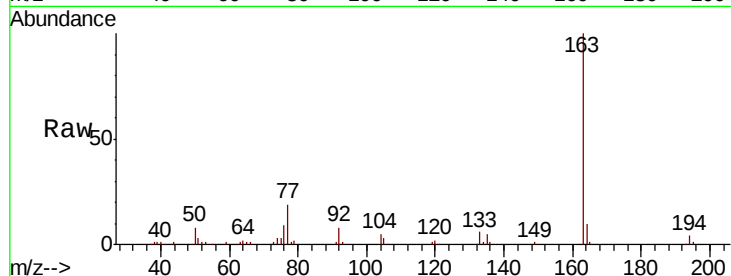




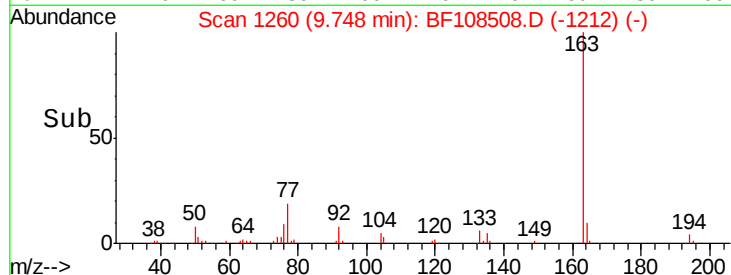
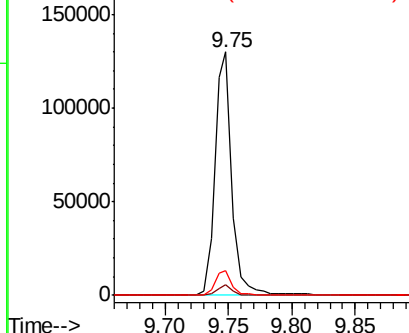
#49
Dimethylphthalate
Concen: 7.161 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108508.D
Acq: 27 Aug 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.0	8.2	12.2

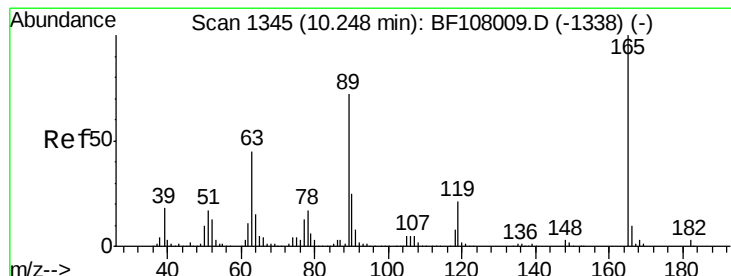


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

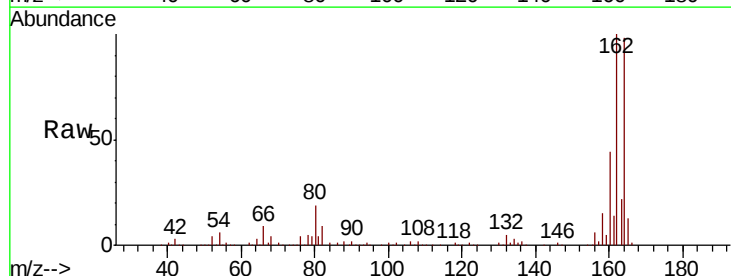
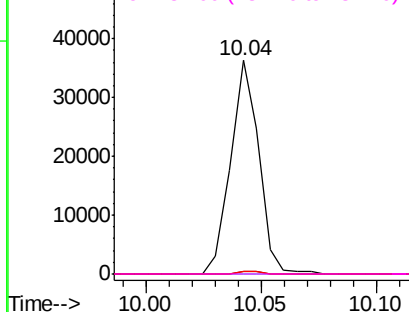


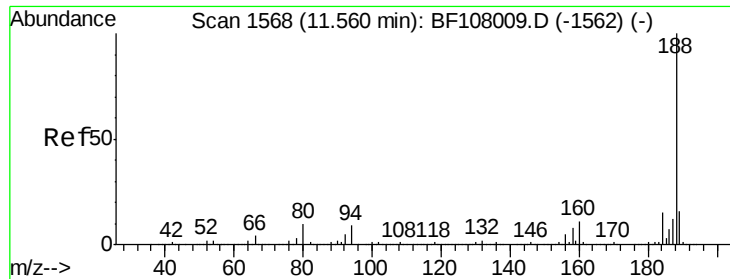
#56
2,4-Dinitrotoluene
Concen: 6.703 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108508.D
Acq: 27 Aug 2018 14:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	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

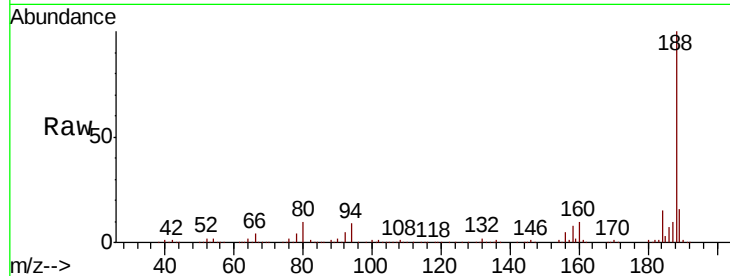




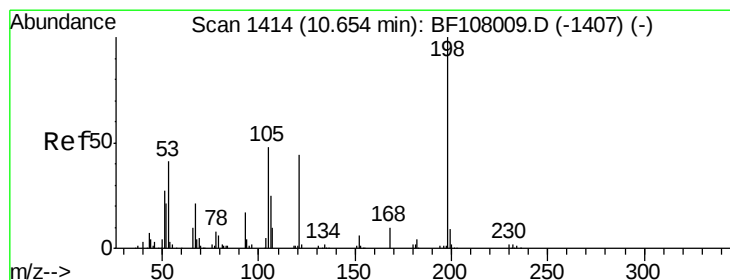
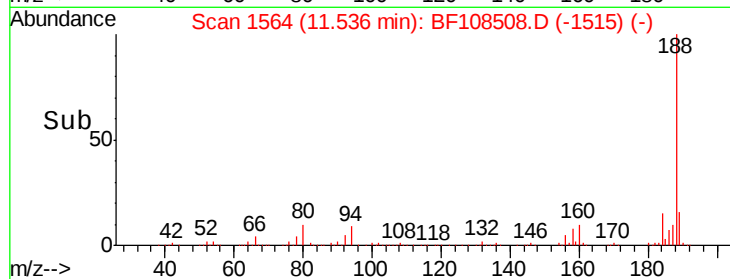
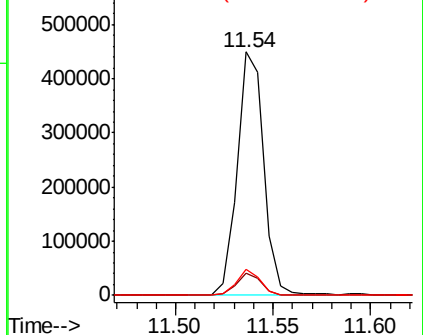
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108508.D
 Acq: 27 Aug 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 423063
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 10.4 9.2 13.8

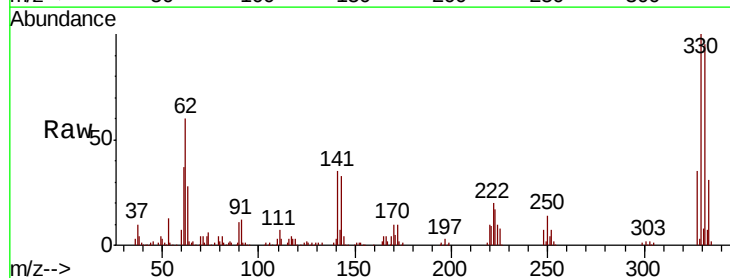


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

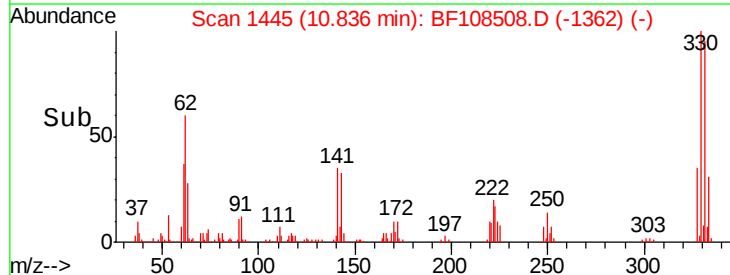
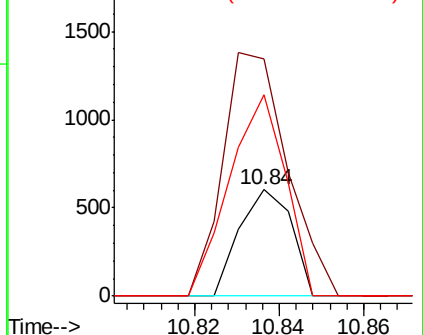


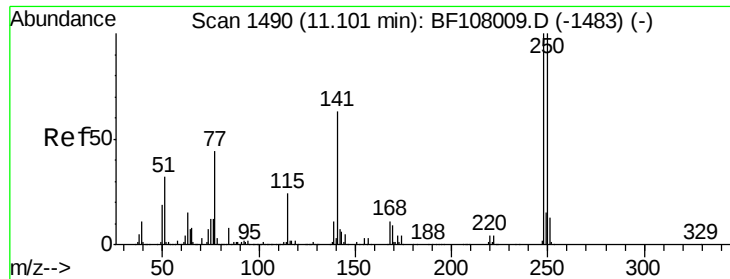
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.648 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108508.D
 Acq: 27 Aug 2018 14:15

Tgt Ion:198 Resp: 518
 Ion Ratio Lower Upper
 198 100
 51 223.1 37.7 77.7#
 105 189.6 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

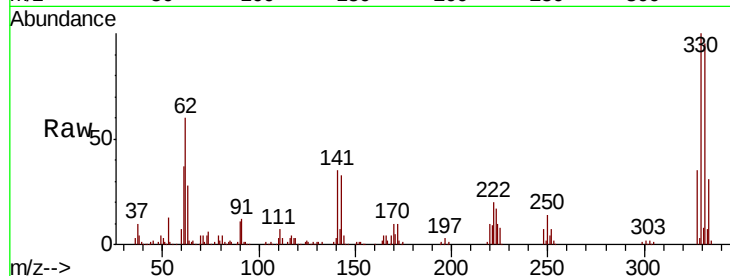




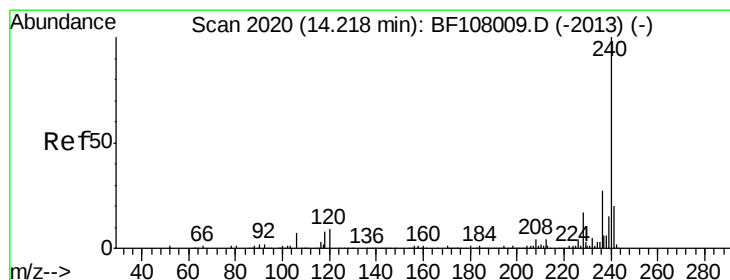
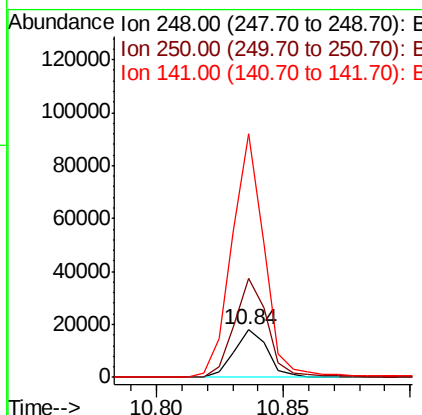
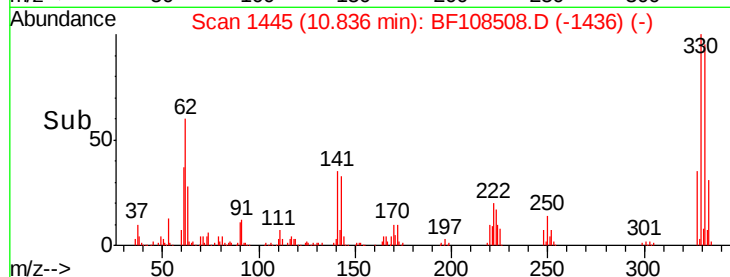
#66
4-Bromophenyl-phenylether
Concen: 3.595 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108508.D
Acq: 27 Aug 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16530
Ion Ratio Lower Upper
248 100
250 208.5 76.9 115.3#
141 510.5 74.4 111.6#

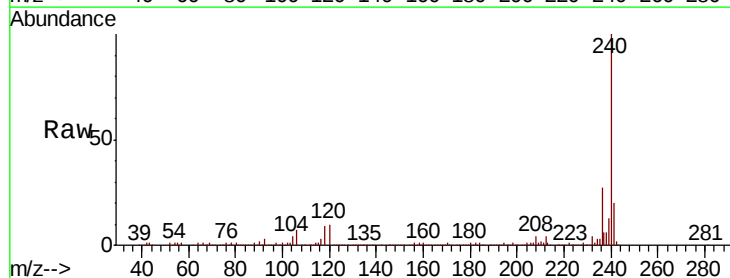


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

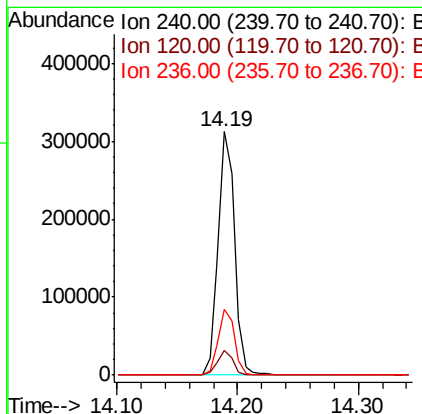
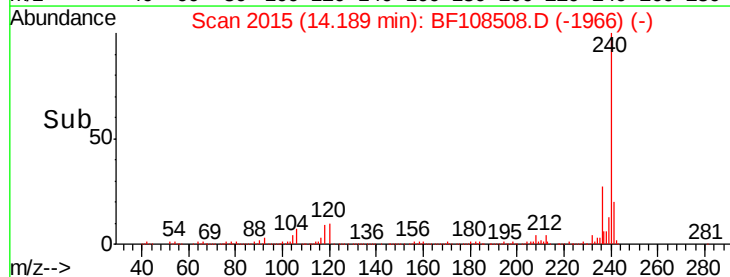


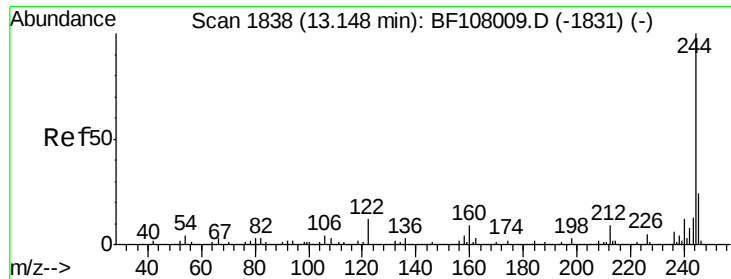
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108508.D
Acq: 27 Aug 2018 14:15

Tgt Ion:240 Resp: 291149
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 27.2 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

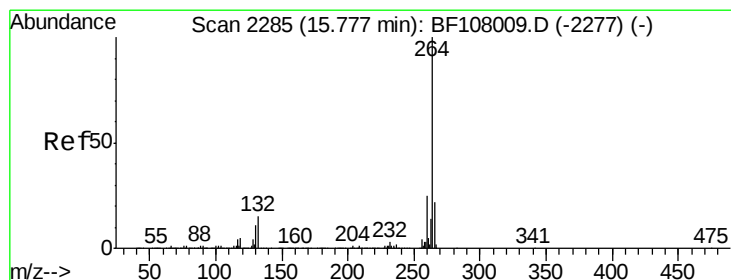
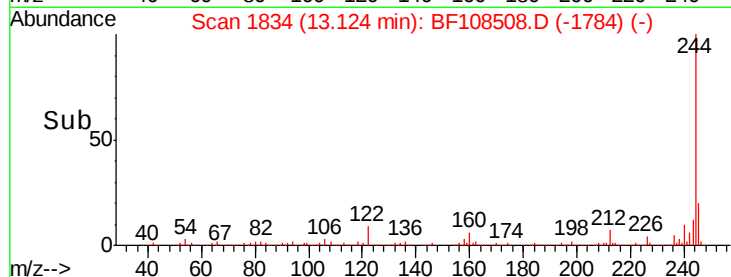
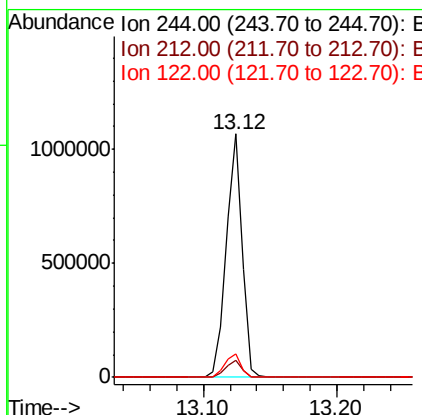
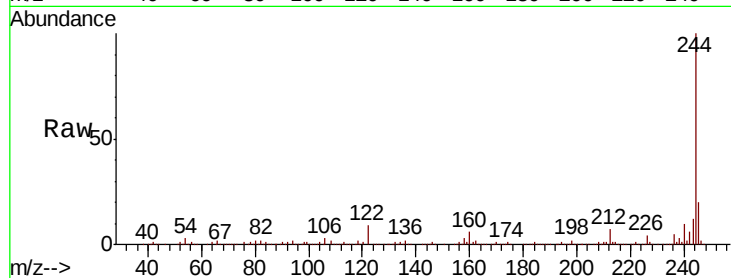




#78
 Terphenyl-d14
 Concen: 78.356 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108508.D
 Acq: 27 Aug 2018 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 897254
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 9.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108508.D
 Acq: 27 Aug 2018 14:15

Tgt Ion:264 Resp: 286429
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.6 17.5 26.3

