

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108592.D
 Acq On : 29 Aug 2018 8:19
 Operator : JU/SJ
 Sample : PB112433BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BL

Quant Time: Aug 29 08:48:12 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

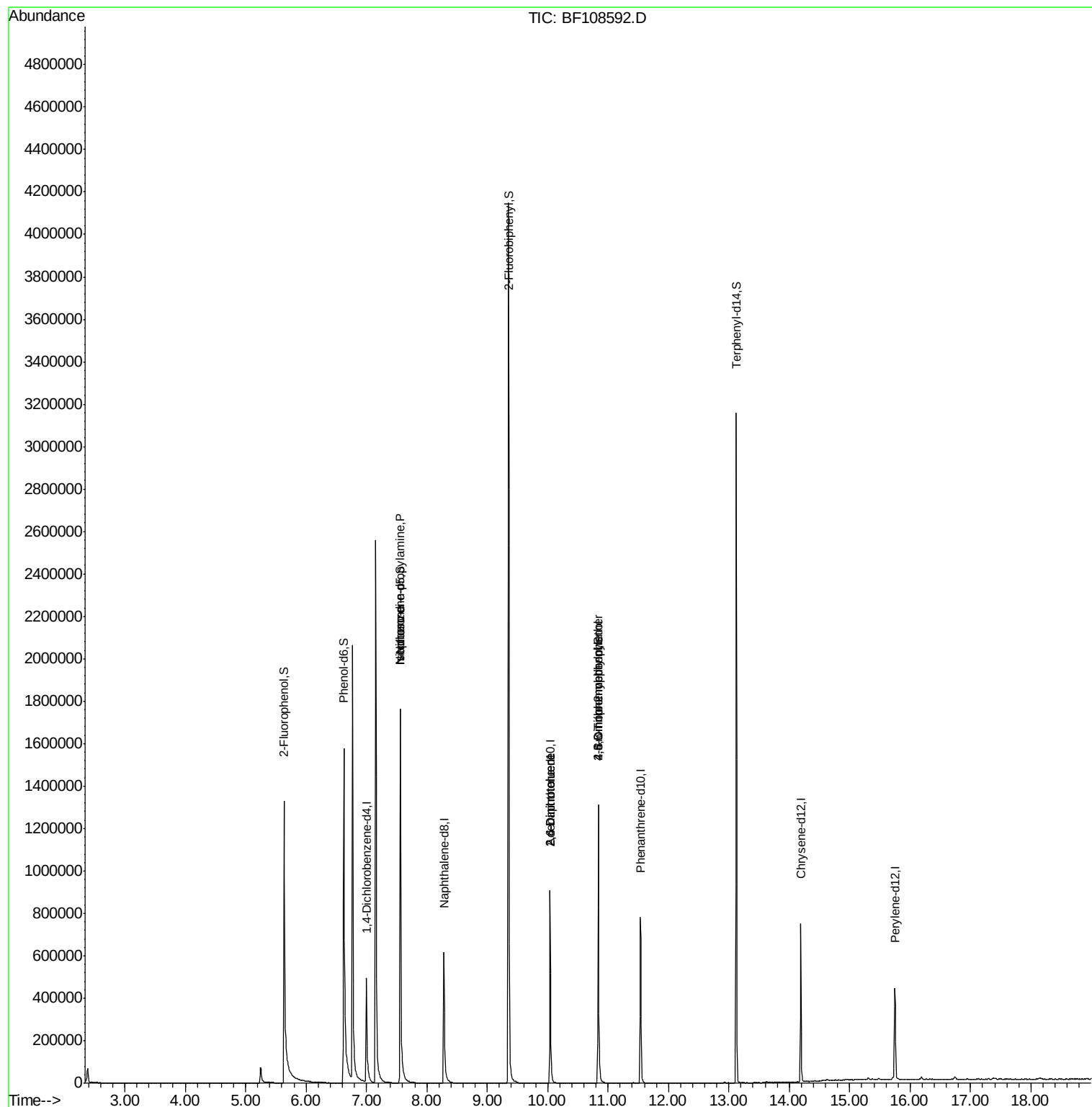
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	111368	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	421062	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	200324	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	339351	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	283764	20.00	ng	-0.01
86) Perylene-d12	15.75	264	230019	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	556187	90.42	ng	0.00
7) Phenol-d6	6.62	99	828919	101.40	ng	0.00
23) Nitrobenzene-d5	7.56	82	790591	104.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	181426	90.80	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1462839	117.24	ng	-0.01
78) Terphenyl-d14	13.12	244	1123641	100.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	105050	19.004	ng	# 84
25) Isophorone	7.56	82	790587	54.969	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	25228	8.641	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	25223	6.712	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	345	5.599	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	11480	3.113	ng	# 1

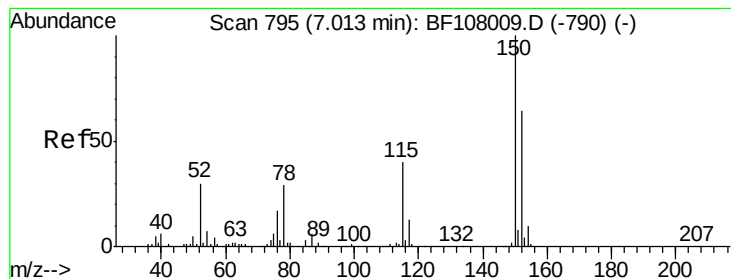
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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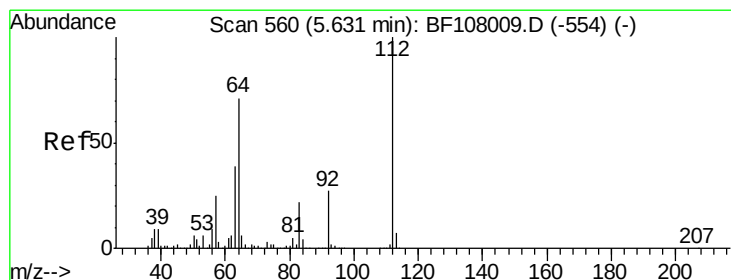
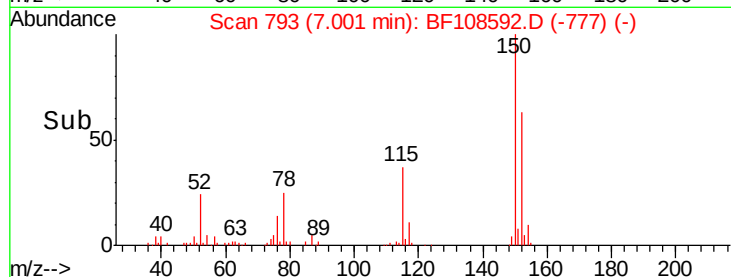
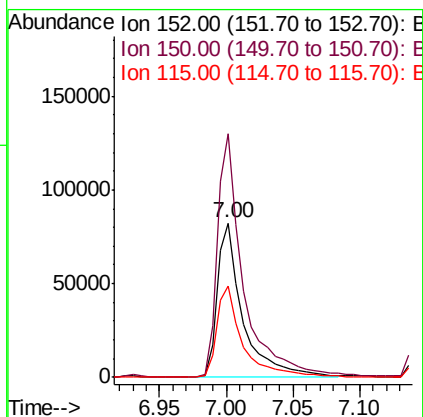
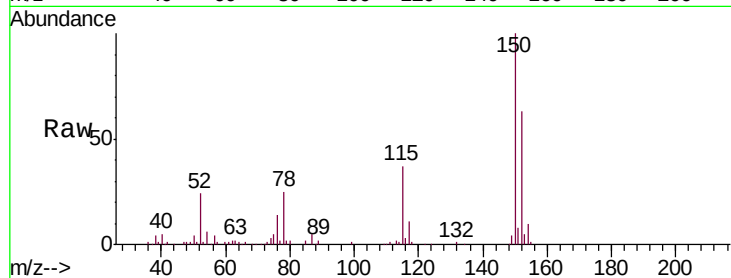


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108592.D
Acq: 29 Aug 2018 8:19

Instrument :
BNA_F
ClientSampleId :
PB112433BL

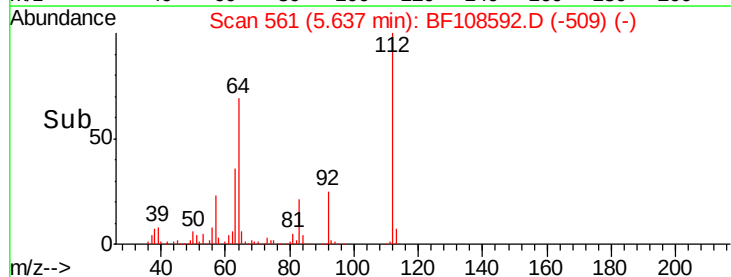
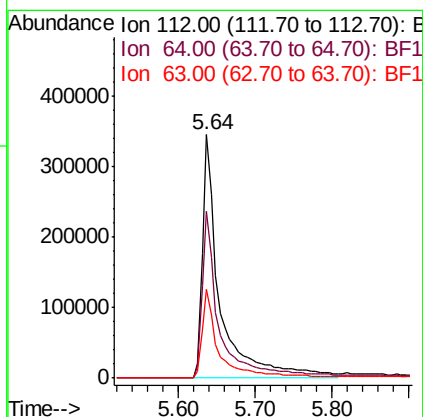
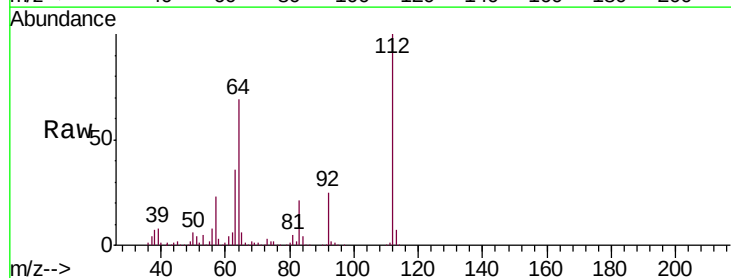
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	59.0	50.1	75.1

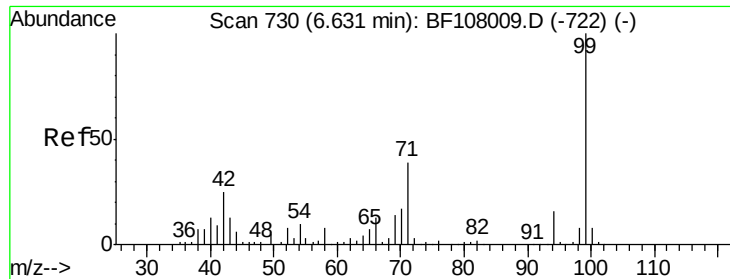


#5

2-Fluorophenol
Concen: 90.417 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108592.D
Acq: 29 Aug 2018 8:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	47.9	71.9
63	36.3	23.7	35.5





#7

Phenol-d6

Concen: 101.405 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108592.D

Acq: 29 Aug 2018 8:19

Instrument :

BNA_F

ClientSampleId :

PB112433BL

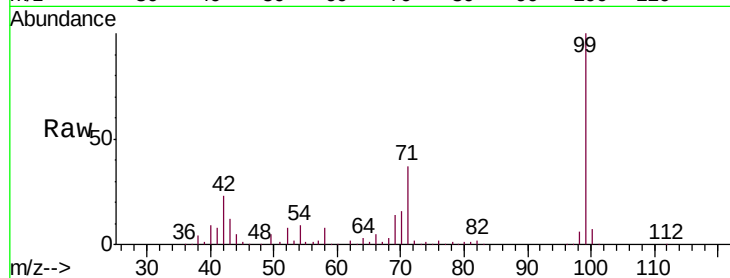
Tgt Ion: 99 Resp: 828919

Ion Ratio Lower Upper

99 100

42 22.9 14.5 21.7#

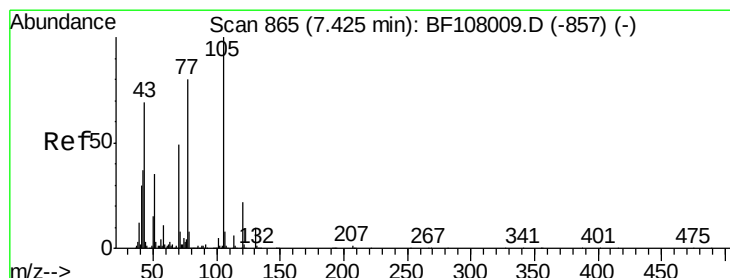
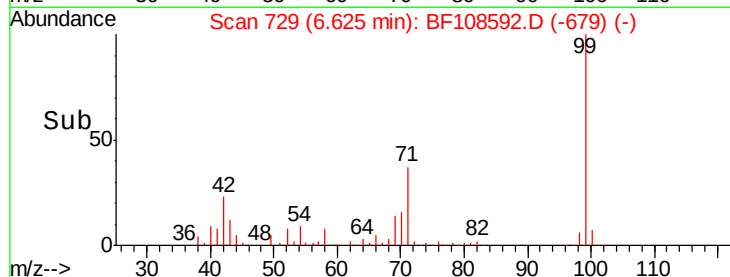
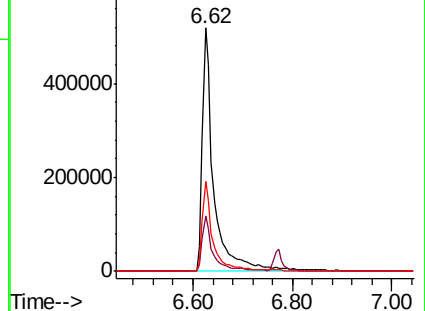
71 37.1 25.4 38.0



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: 19.004 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108592.D

Acq: 29 Aug 2018 8:19

Tgt Ion: 70 Resp: 105050

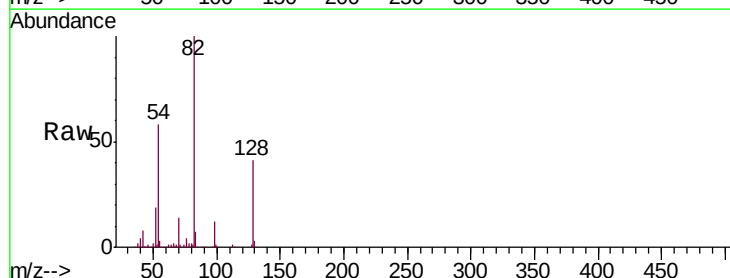
Ion Ratio Lower Upper

70 100

42 54.4 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

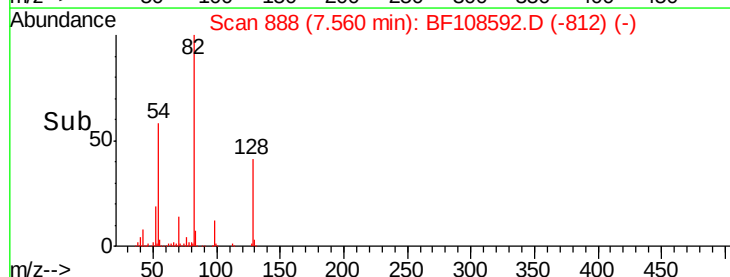
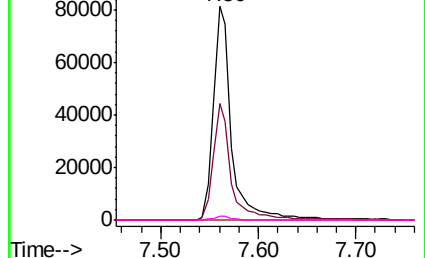


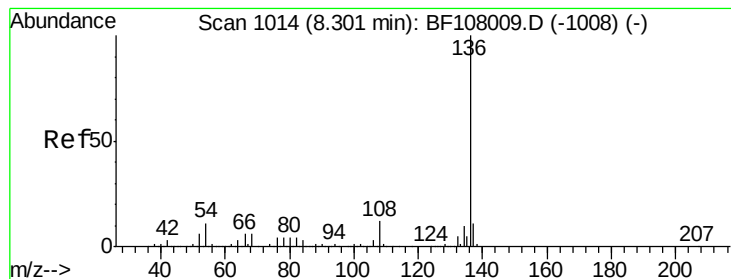
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF108592.D

Acq: 29 Aug 2018 8:19

Instrument :

BNA_F

ClientSampleId :

PB112433BL

Tgt Ion: 136 Resp: 421062

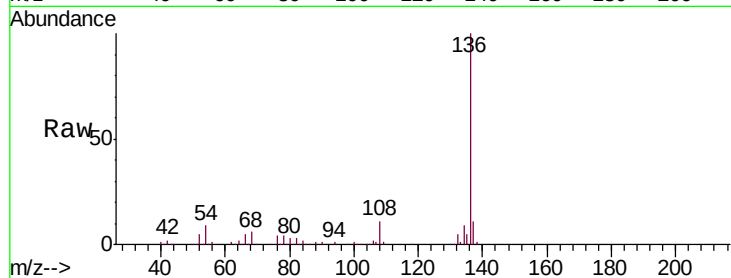
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 6.6 9.8

68 5.7 5.0 7.4

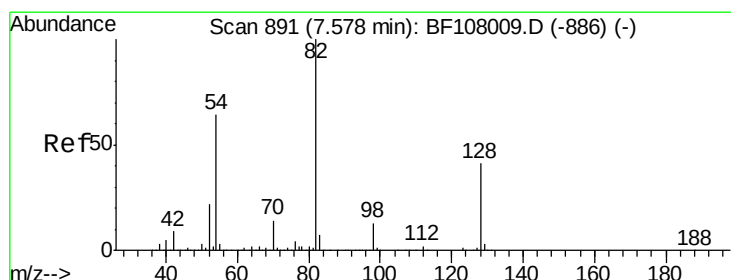
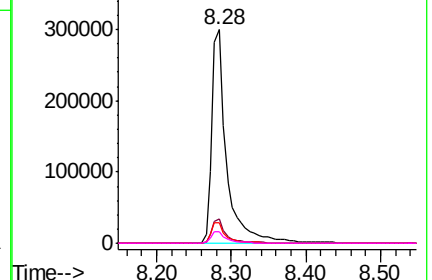
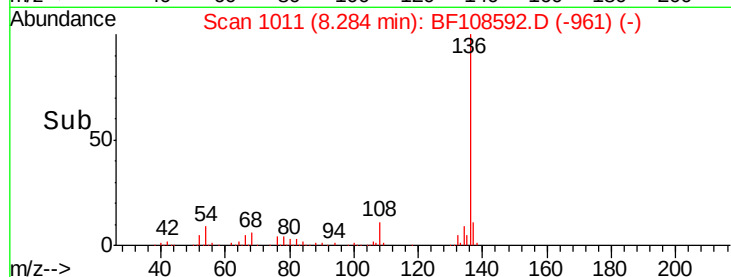


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.773 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108592.D

Acq: 29 Aug 2018 8:19

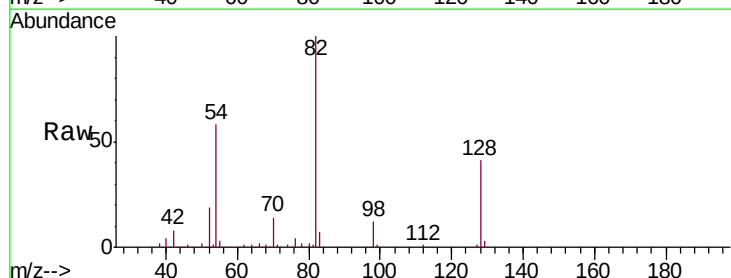
Tgt Ion: 82 Resp: 790591

Ion Ratio Lower Upper

82 100

128 41.4 36.1 54.1

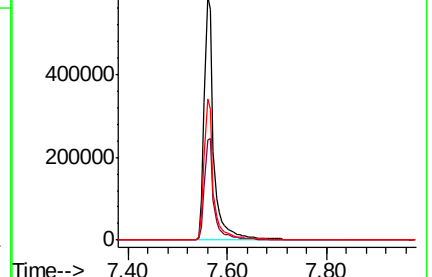
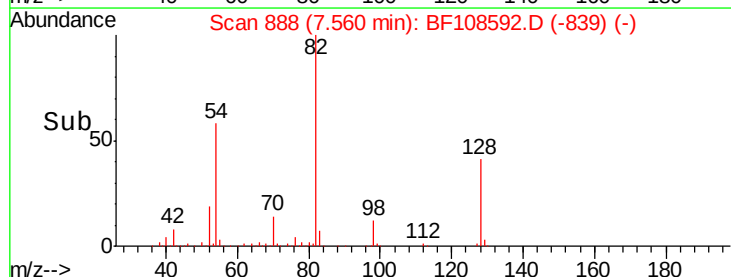
54 58.2 41.4 62.2

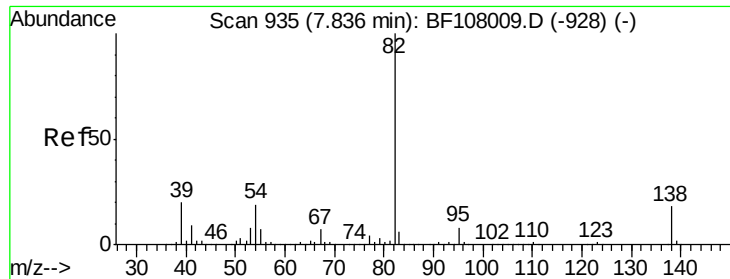


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

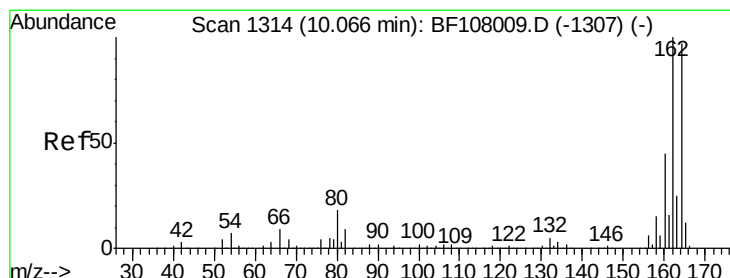
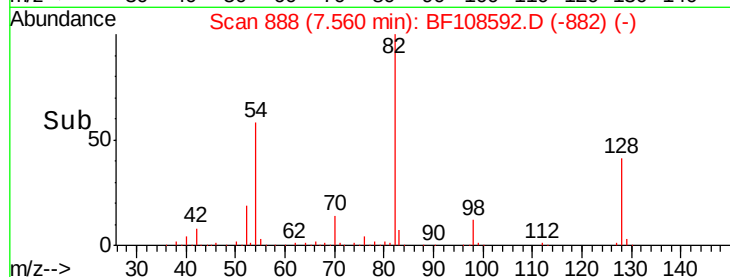
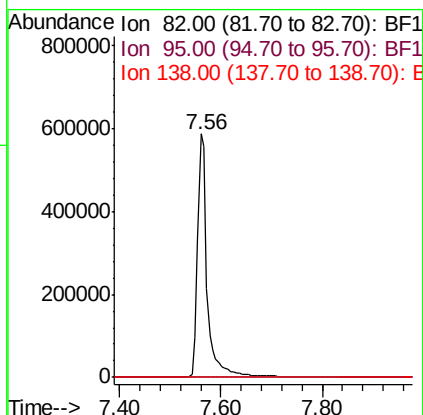
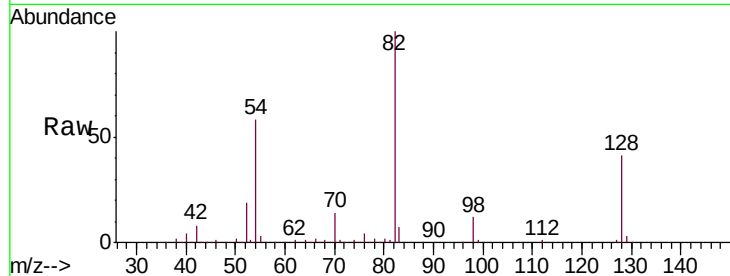




#25
Isophorone
Concen: 54.969 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108592.D
Acq: 29 Aug 2018 8:19

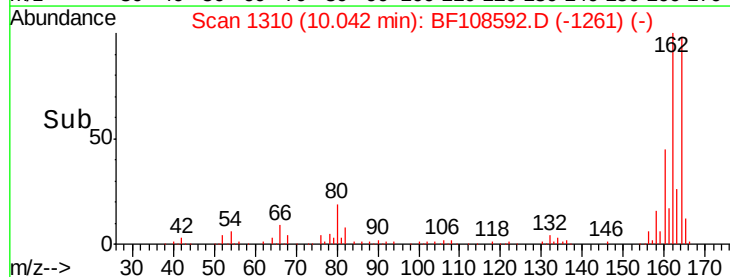
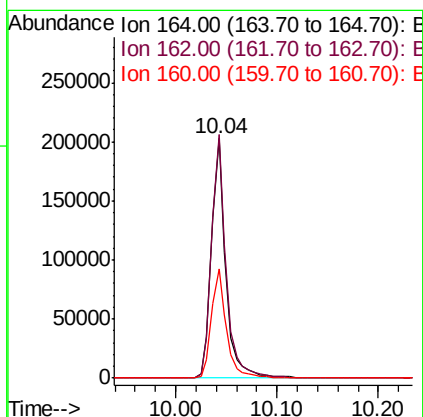
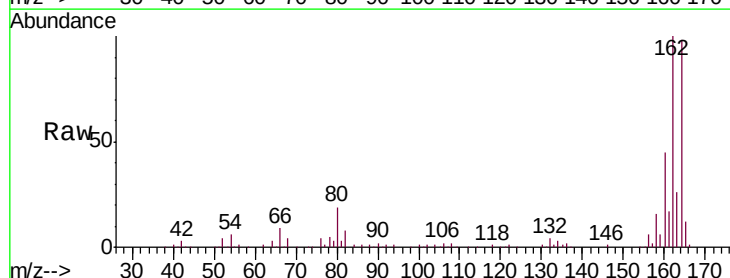
Instrument :
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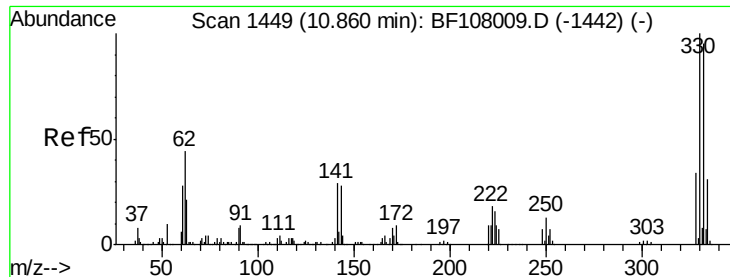
Tgt Ion: 82 Resp: 790587
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108592.D
Acq: 29 Aug 2018 8:19

Tgt Ion: 164 Resp: 200324
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 45.7 38.3 57.5

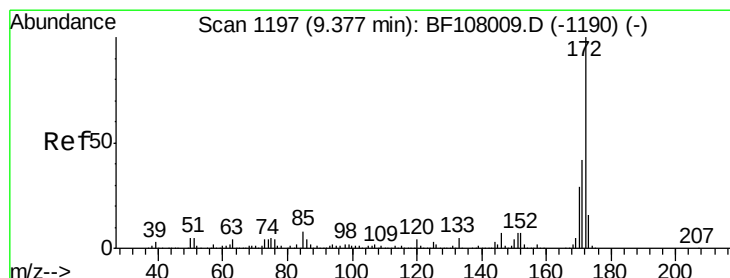
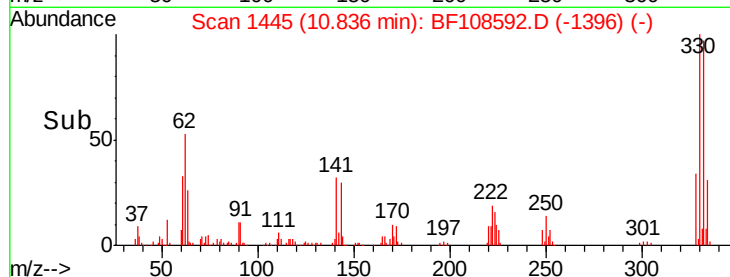
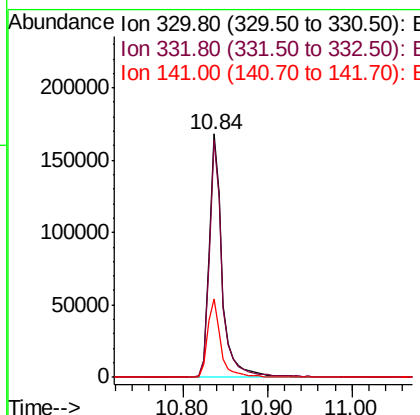
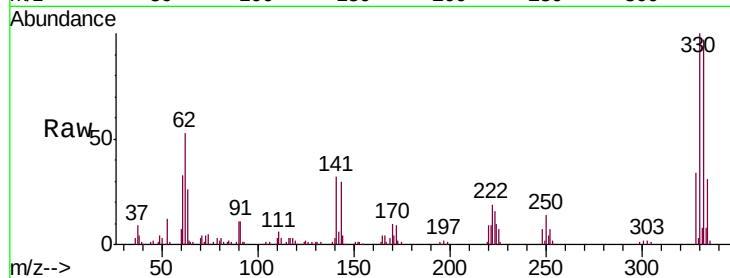




#41
 2,4,6-Tribromophenol
 Concen: 90.796 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108592.D
 Acq: 29 Aug 2018 8:19

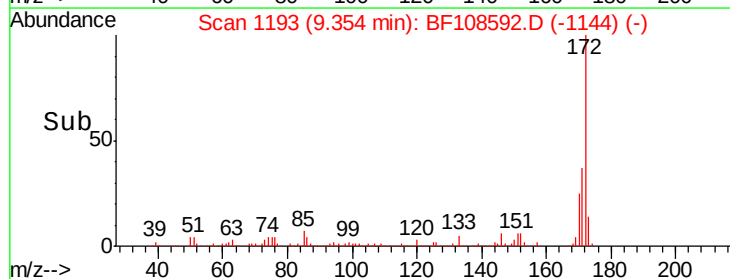
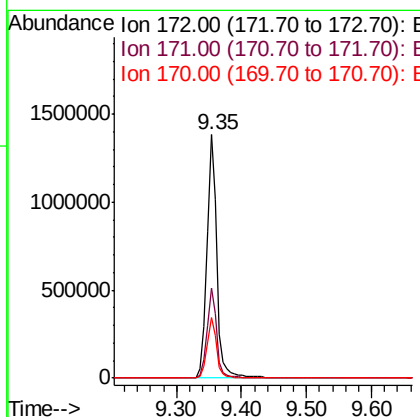
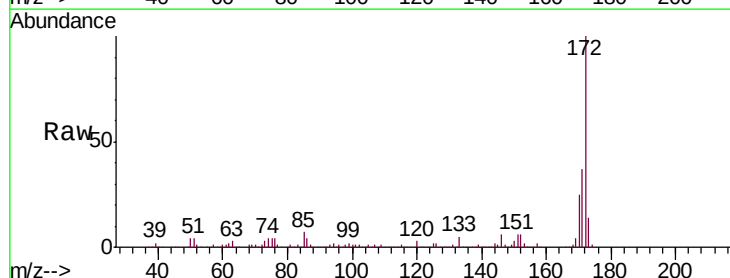
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BL

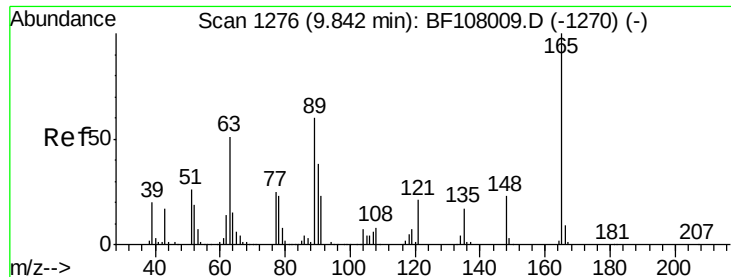
Tgt Ion:330 Resp: 181426
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 32.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 117.237 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108592.D
 Acq: 29 Aug 2018 8:19

Tgt Ion:172 Resp: 1462839
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.8 19.6 29.4

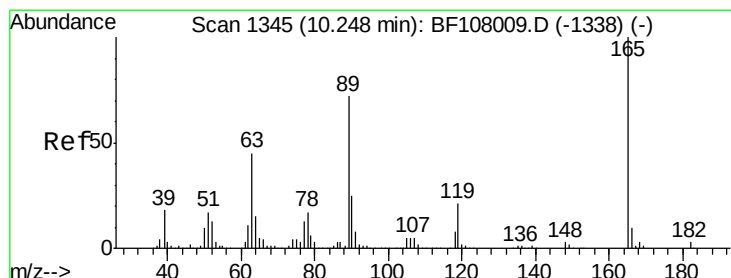
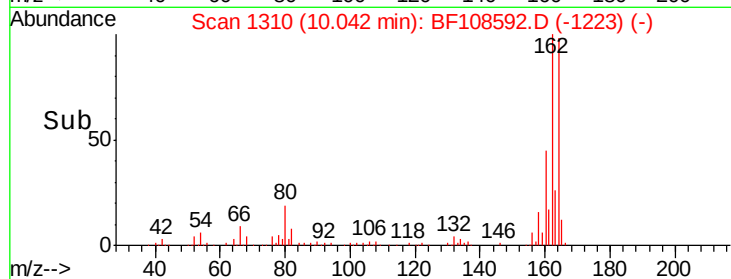
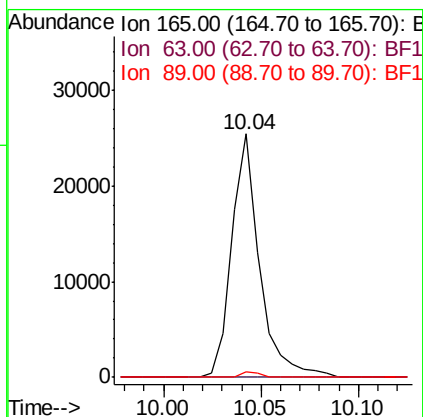
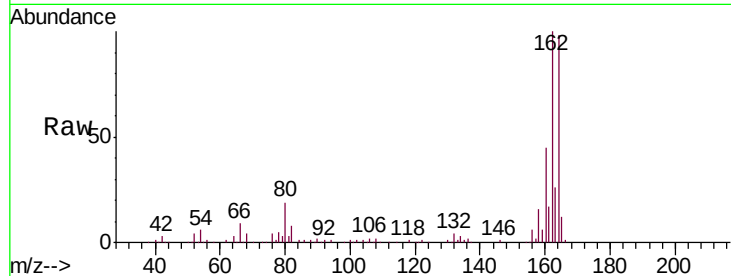




#50
 2,6-Dinitrotoluene
 Concen: 8.641 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108592.D
 Acq: 29 Aug 2018 8:19

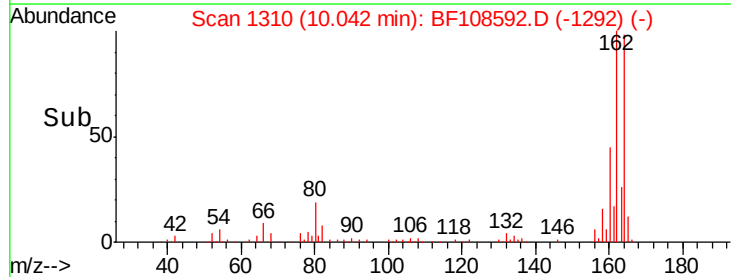
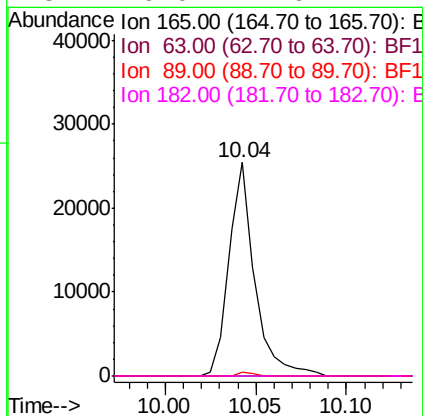
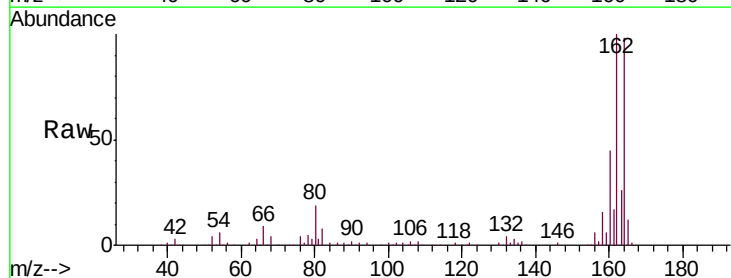
Instrument :
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 ClientSampleId :
 PB112433BL

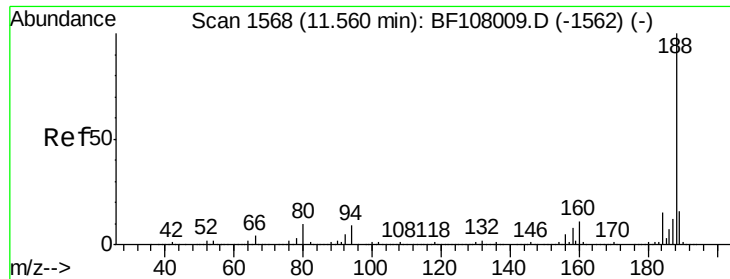
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.1	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.712 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108592.D
 Acq: 29 Aug 2018 8:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#

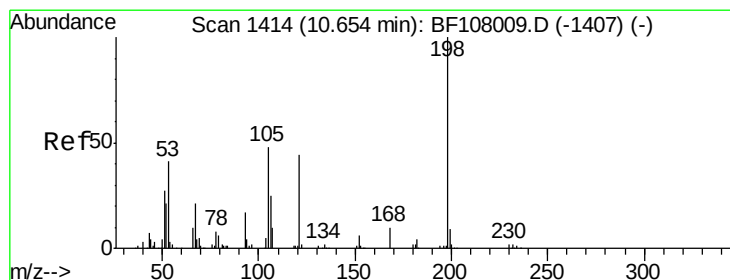
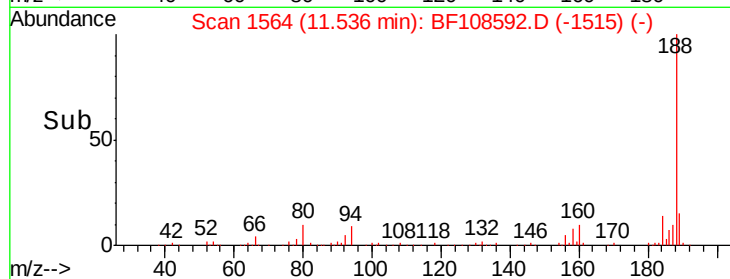
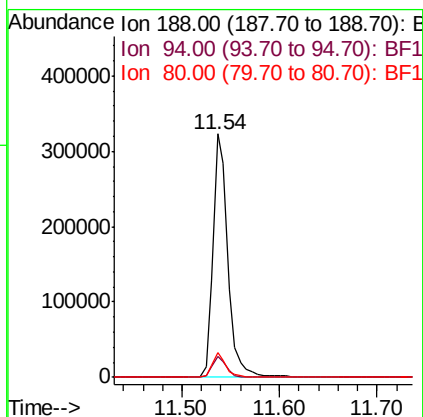
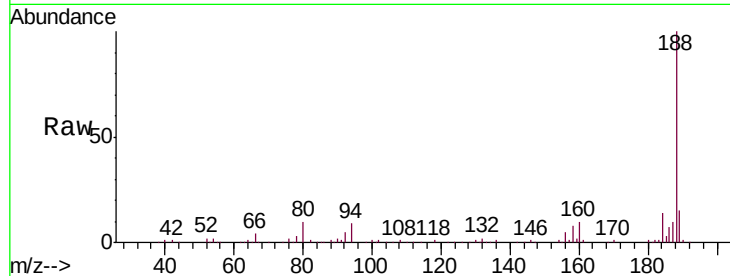




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108592.D
Acq: 29 Aug 2018 8:19

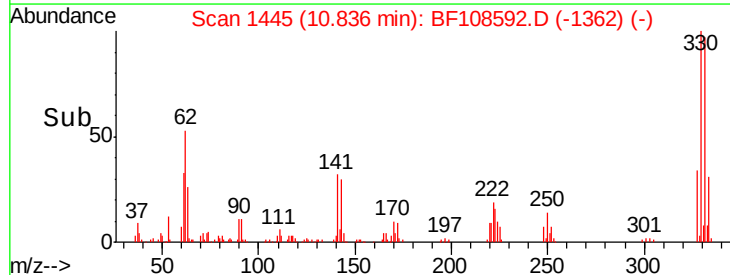
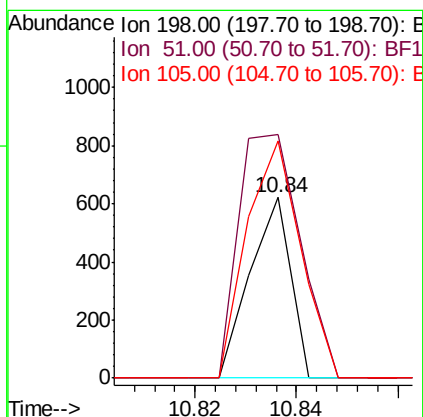
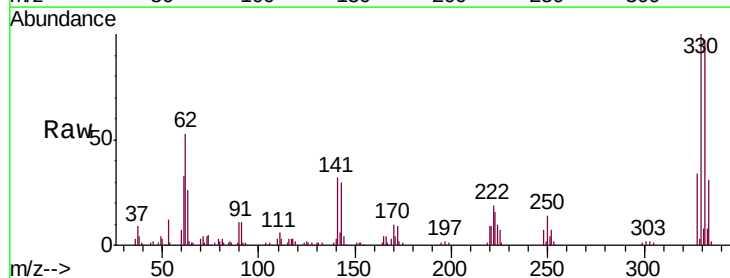
Instrument :
BNA_F
ClientSampleId :
PB112433BL

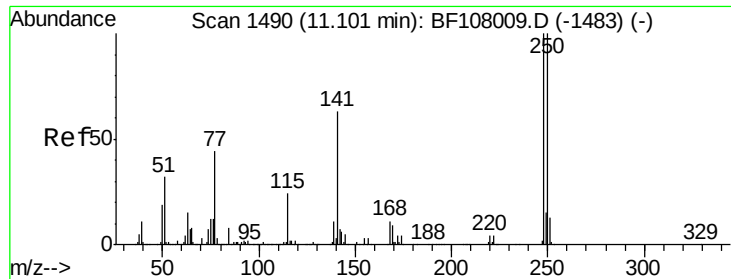
Tgt Ion:188 Resp: 339351
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.599 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108592.D
Acq: 29 Aug 2018 8:19

Tgt Ion:198 Resp: 345
Ion Ratio Lower Upper
198 100
51 134.7 37.7 77.7#
105 131.0 36.3 76.3#

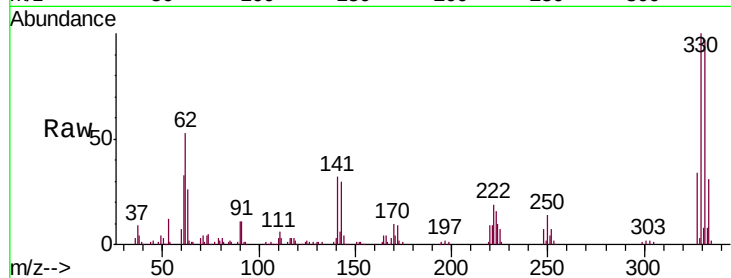




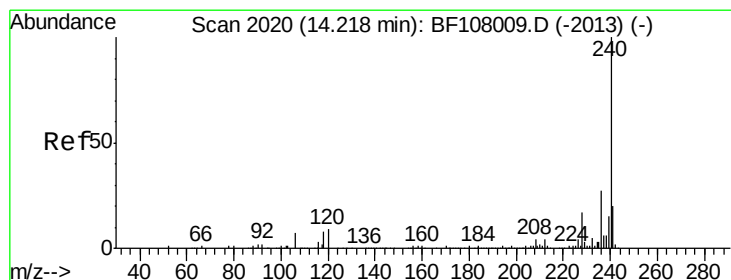
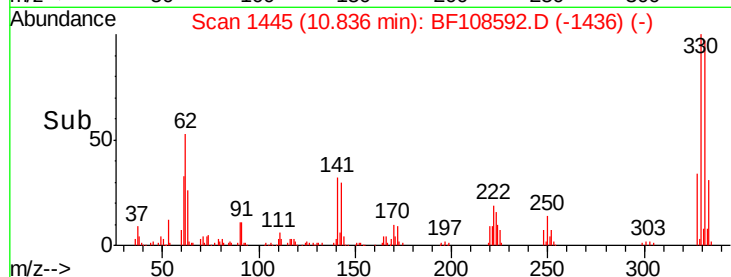
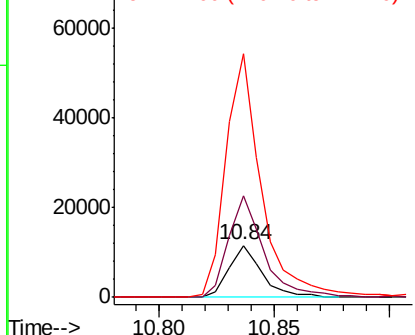
#66
 4-Bromophenyl-phenylether
 Concen: 3.113 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108592.D
 Acq: 29 Aug 2018 8:19

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BL

Tgt Ion: 248 Resp: 11480
 Ion Ratio Lower Upper
 248 100
 250 196.9 76.9 115.3#
 141 469.1 74.4 111.6#

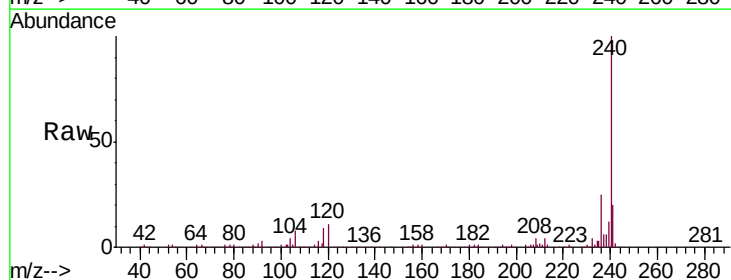


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

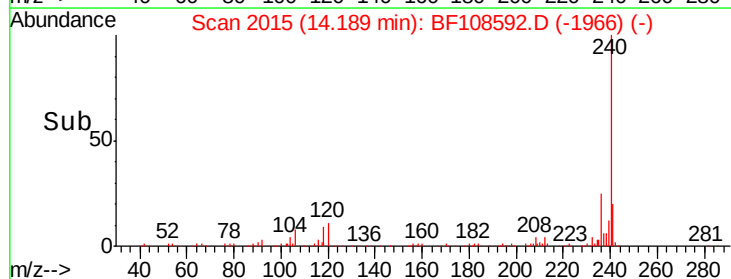
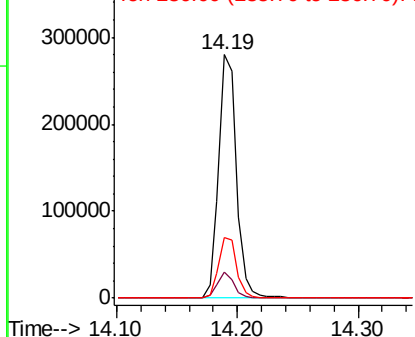


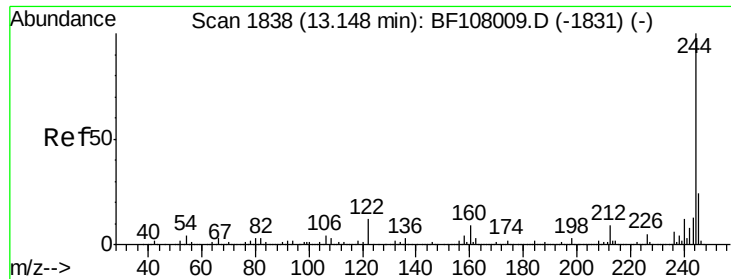
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108592.D
 Acq: 29 Aug 2018 8:19

Tgt Ion: 240 Resp: 283764
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.5 14.3
 236 25.1 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

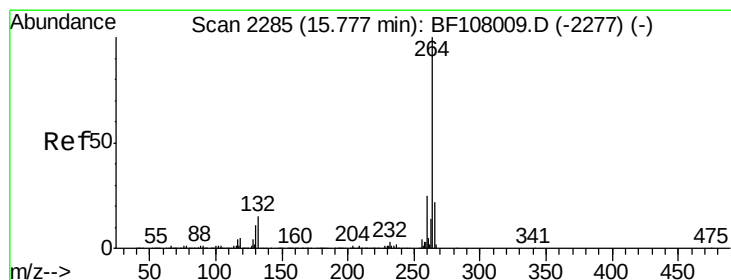
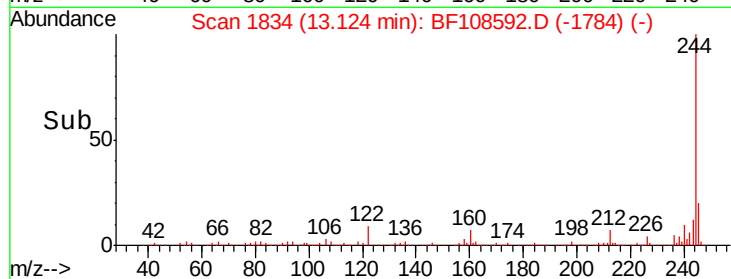
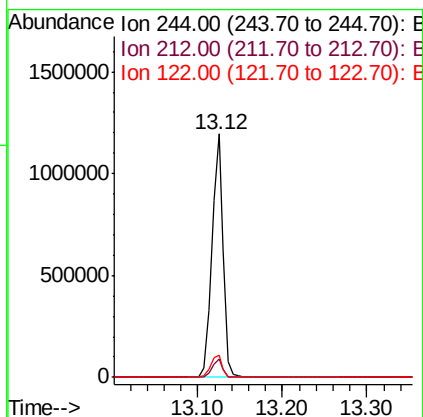
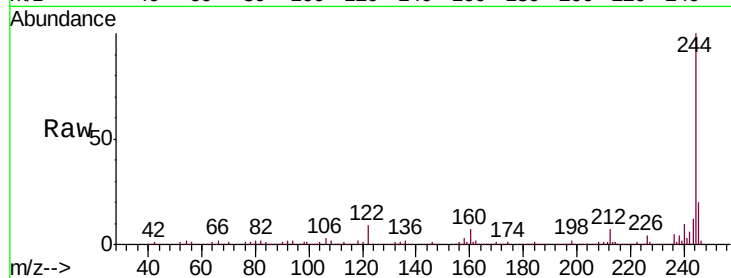




#78
 Terphenyl-d14
 Concen: 100.680 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108592.D
 Acq: 29 Aug 2018 8:19

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BL

Tgt Ion:244 Resp: 1123641
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 9.2 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: BF108592.D
 Acq: 29 Aug 2018 8:19

Tgt Ion:264 Resp: 230019
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.8 17.5 26.3

