

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
 Data File : BF108630.D
 Acq On : 30 Aug 2018 3:55
 Operator : JU/SJ
 Sample : PB112466BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BL

Quant Time: Aug 30 04:23:56 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

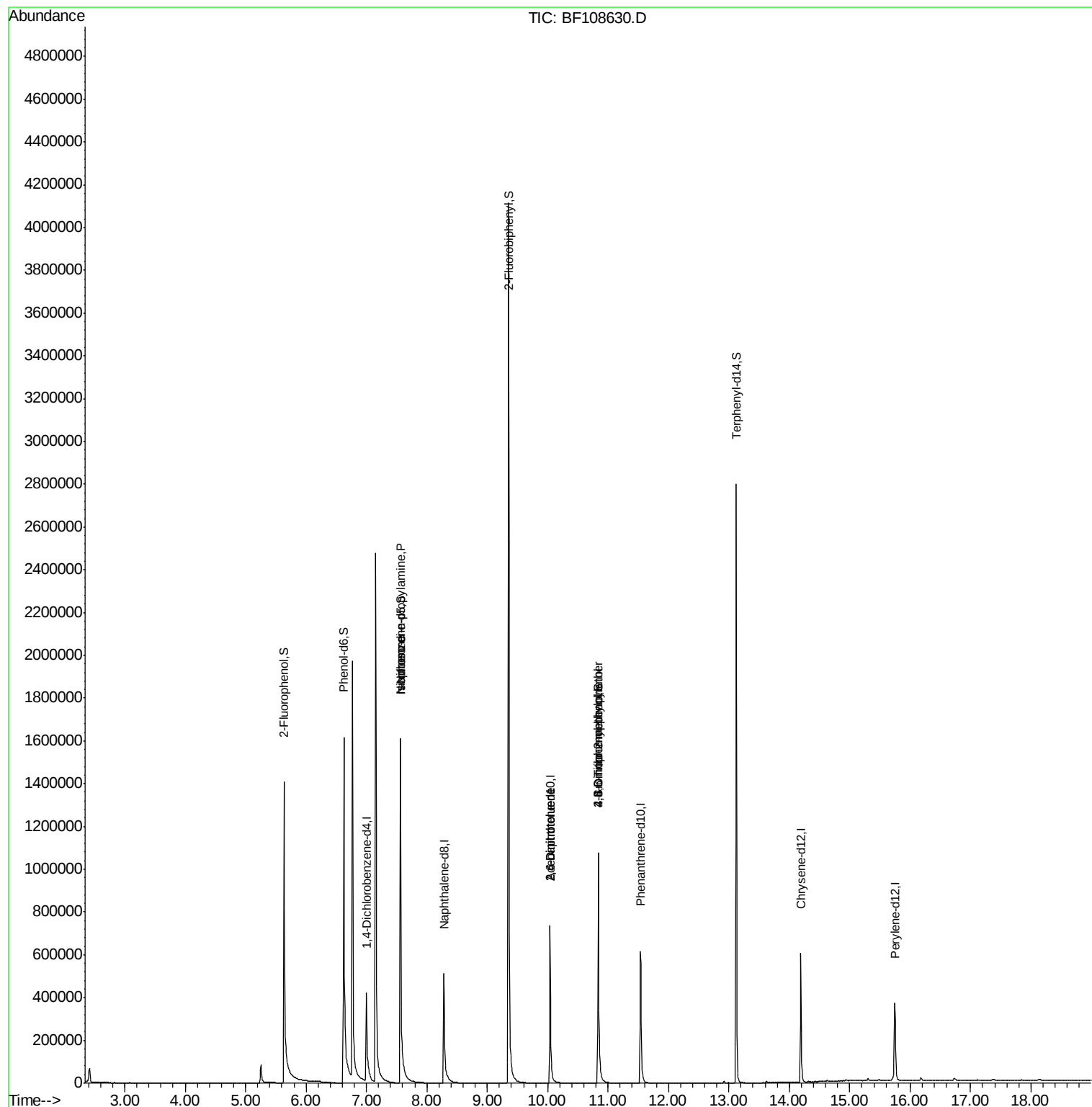
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	110165	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	424034	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	197293	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	333669	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	252586	20.00	ng	-0.01
86) Perylene-d12	15.75	264	235958	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	580736	95.44	ng	0.00
7) Phenol-d6	6.62	99	838260	103.67	ng	0.00
23) Nitrobenzene-d5	7.57	82	815381	107.30	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	186567	94.80	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1505494	122.51	ng	-0.01
78) Terphenyl-d14	13.12	244	1092676	109.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	105583	19.309	ng	# 84
25) Isophorone	7.57	82	818048	56.480	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	23541	8.187	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	24287	6.562	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.84	198	110	5.437	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	11971	3.301	ng	# 1

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

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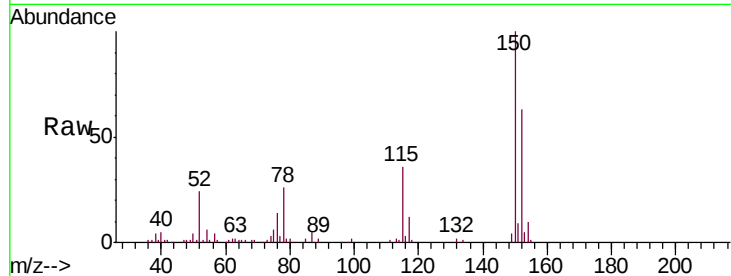


#1

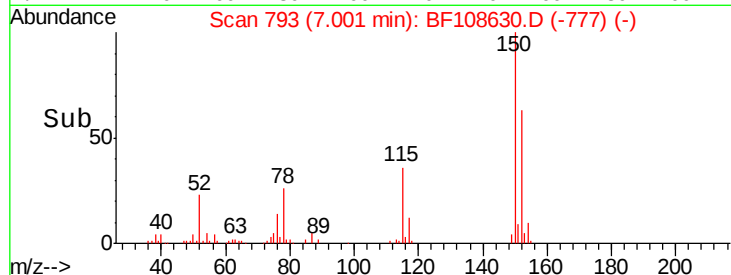
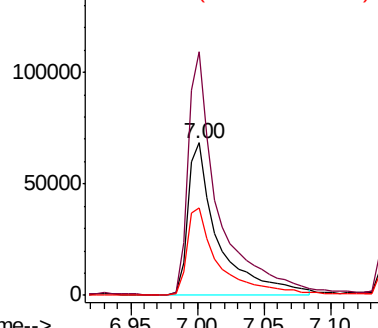
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108630.D
Acq: 30 Aug 2018 3:55

Instrument :
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ClientSampleId :
PB112466BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	57.5	50.1	75.1



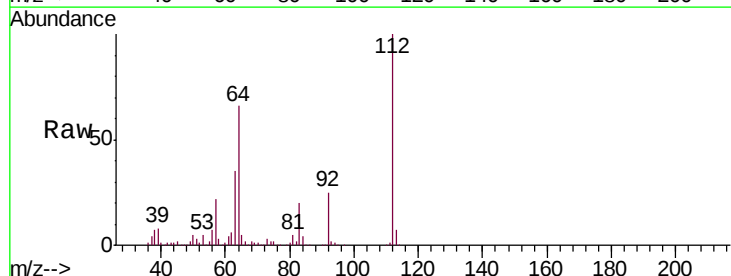
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



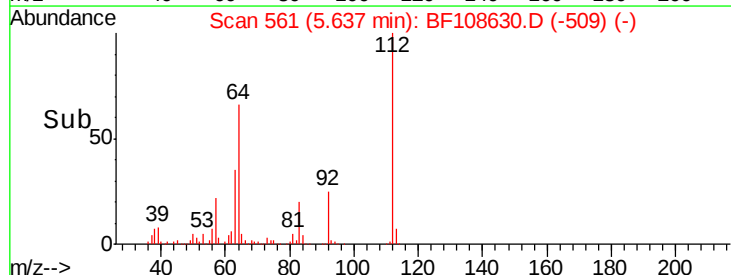
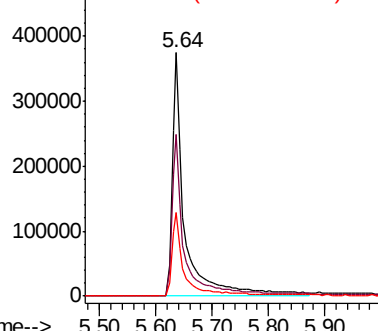
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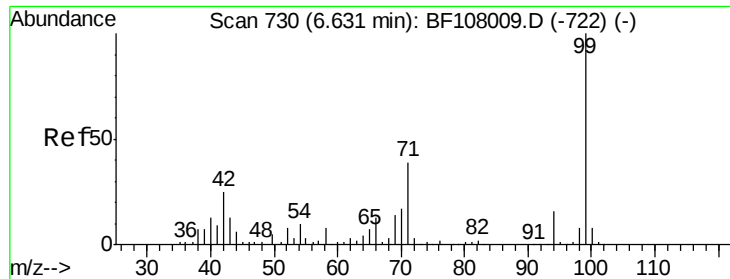
2-Fluorophenol
Concen: 95.438 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108630.D
Acq: 30 Aug 2018 3:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	34.6	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: 103.667 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108630.D

Acq: 30 Aug 2018 3:55

Instrument :

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ClientSampleId :

PB112466BL

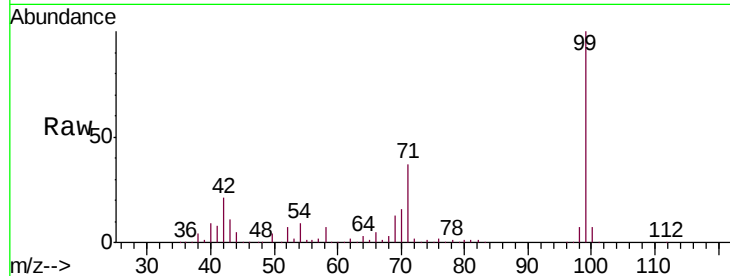
Tgt Ion: 99 Resp: 838260

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

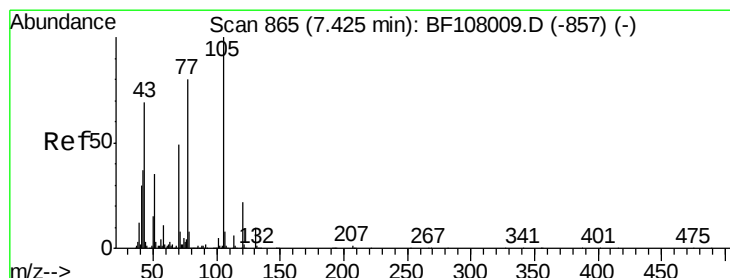
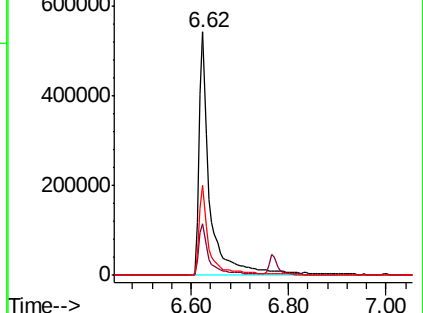
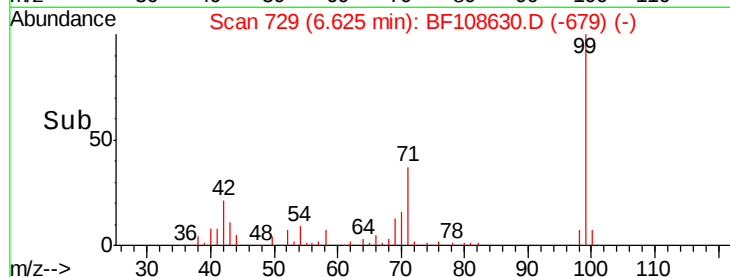
71 36.8 25.4 38.0



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: 19.309 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108630.D

Acq: 30 Aug 2018 3:55

Tgt Ion: 70 Resp: 105583

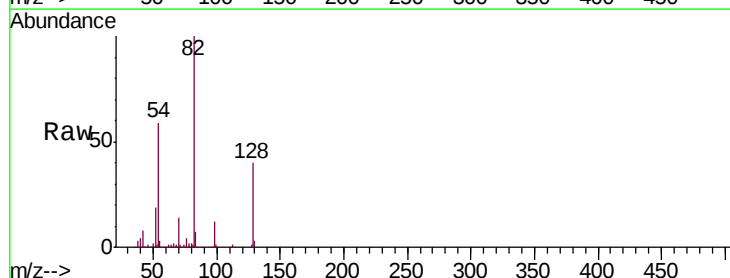
Ion Ratio Lower Upper

70 100

42 55.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

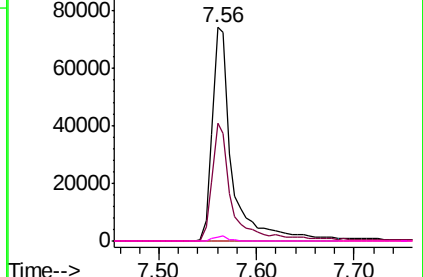
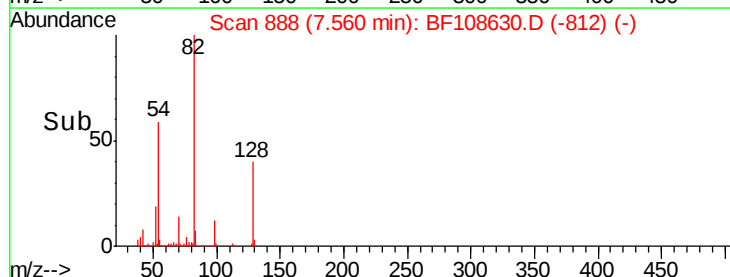


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

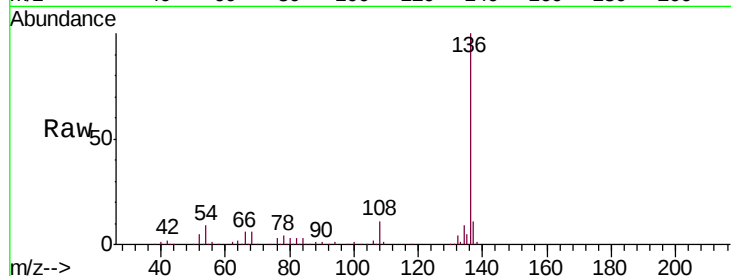




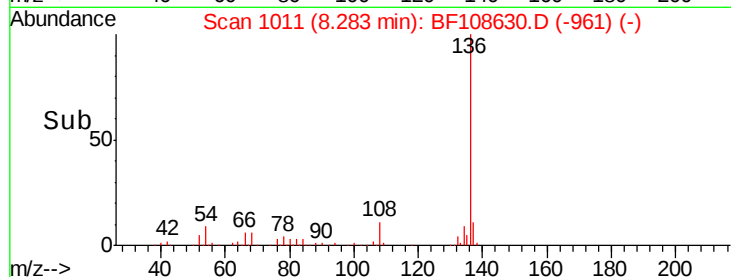
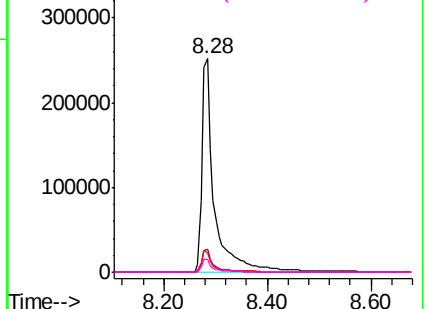
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108630.D
Acq: 30 Aug 2018 3:55

Instrument :
BNA_F
ClientSampleId :
PB112466BL

Tgt Ion:	136	Resp:	424034
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	6.6	9.8
68	5.7	5.0	7.4

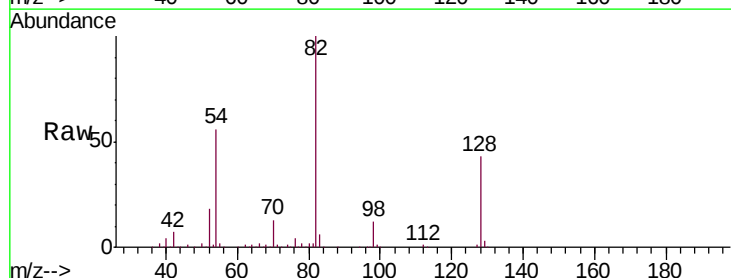


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

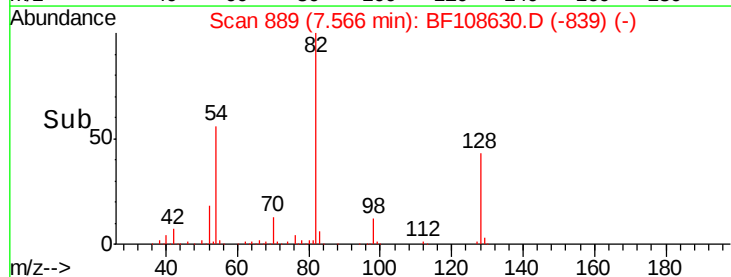
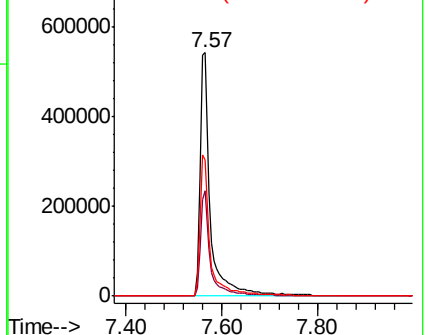


#23
Nitrobenzene-d5
Concen: 107.301 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108630.D
Acq: 30 Aug 2018 3:55

Tgt Ion:	82	Resp:	815381
Ion	Ratio	Lower	Upper
82	100		
128	43.2	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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 56.480 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108630.D

Acq: 30 Aug 2018 3:55

Instrument :

BNA_F

ClientSampleId :

PB112466BL

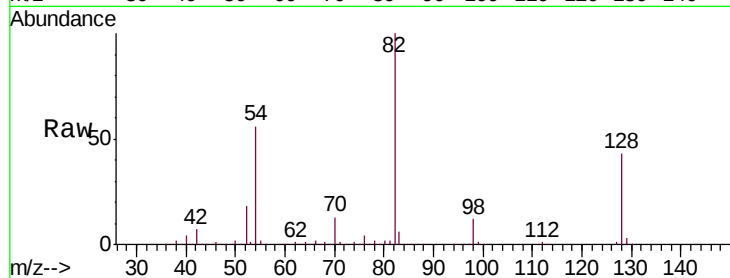
Tgt Ion: 82 Resp: 818048

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

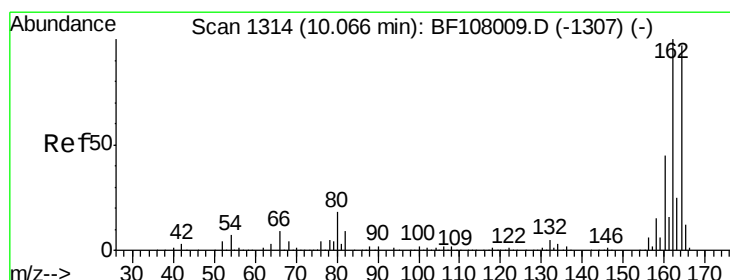
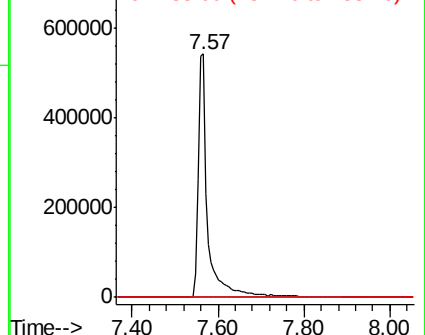
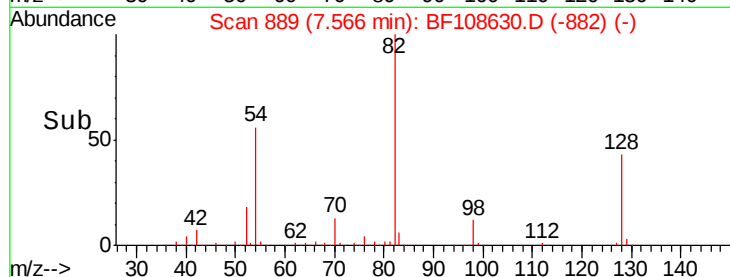
138 0.0 14.9 22.3#



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: BF108630.D

Acq: 30 Aug 2018 3:55

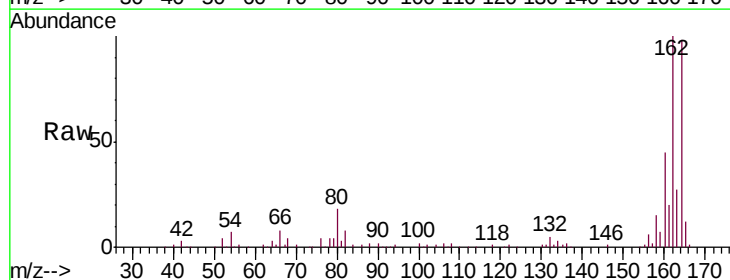
Tgt Ion: 164 Resp: 197293

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

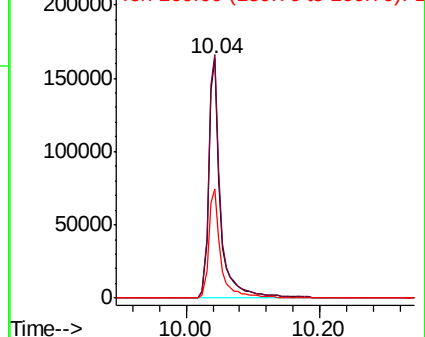
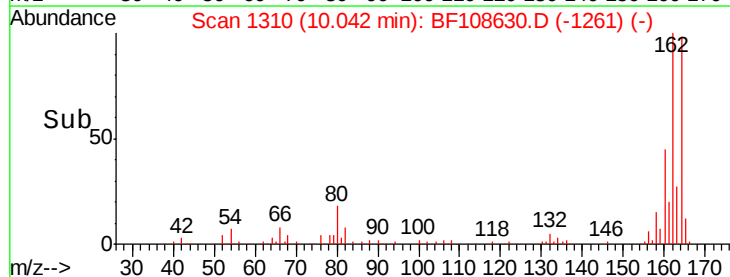
160 45.8 38.3 57.5



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

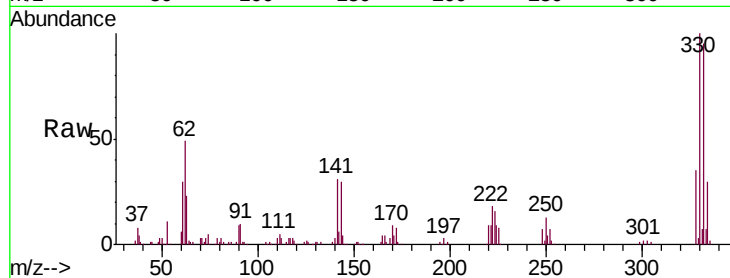




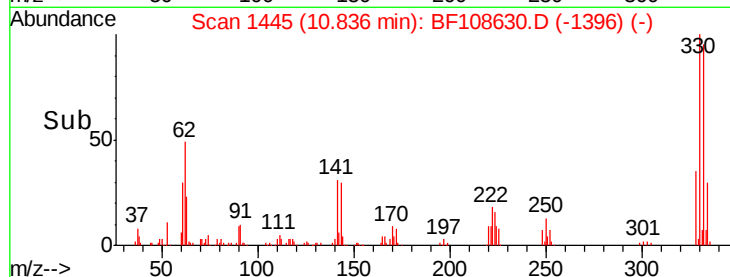
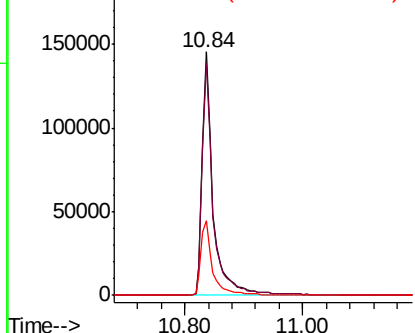
#41
 2,4,6-Tribromophenol
 Concen: 94.803 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108630.D
 Acq: 30 Aug 2018 3:55

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BL

Tgt Ion:330 Resp: 186567
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 31.9 29.9 44.9

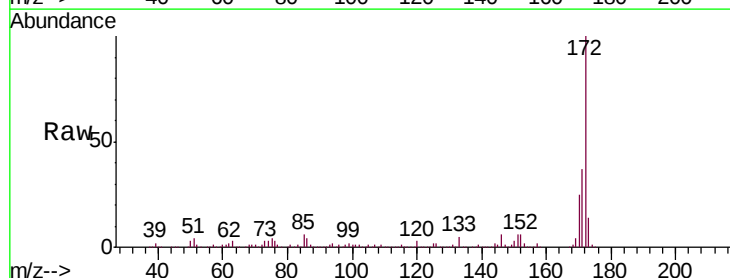


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

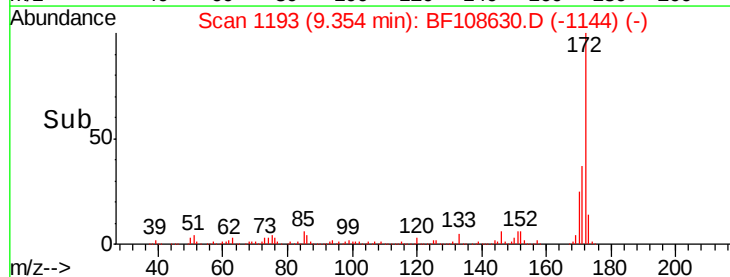
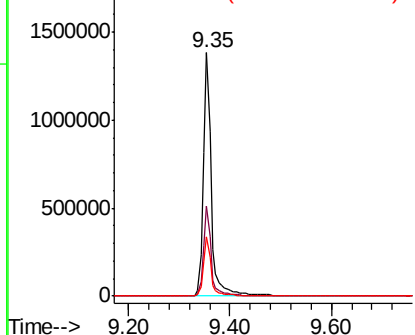


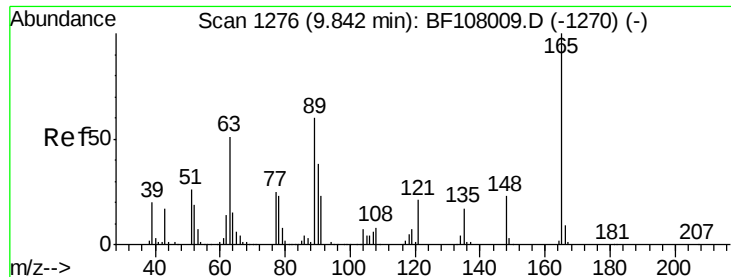
#44
 2-Fluorobiphenyl
 Concen: 122.509 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108630.D
 Acq: 30 Aug 2018 3:55

Tgt Ion:172 Resp: 1505494
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.6 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

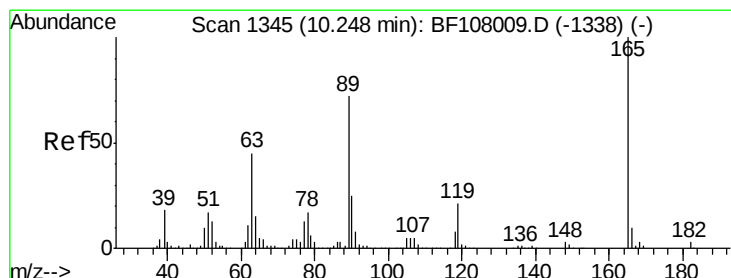
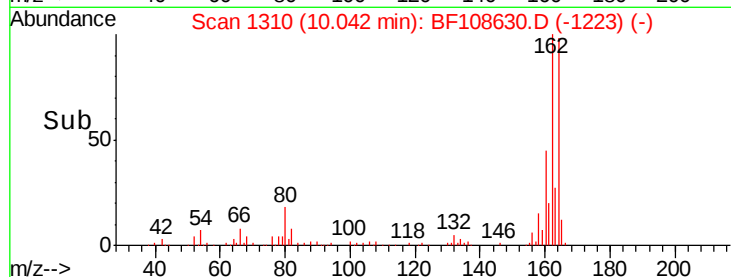
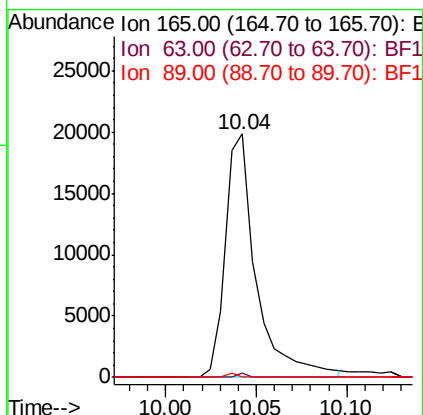
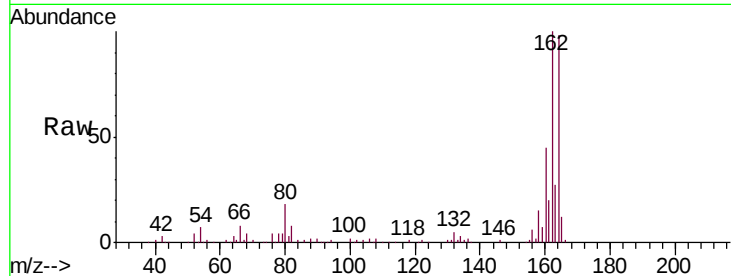




#50
 2,6-Dinitrotoluene
 Concen: 8.187 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108630.D
 Acq: 30 Aug 2018 3:55

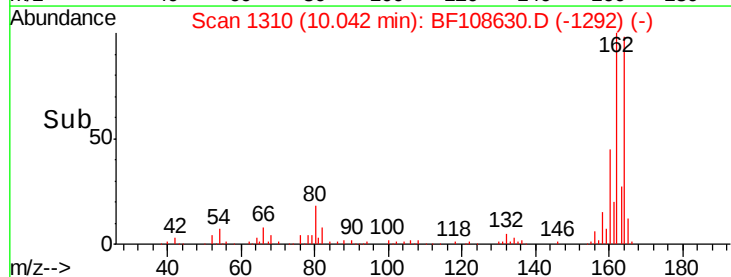
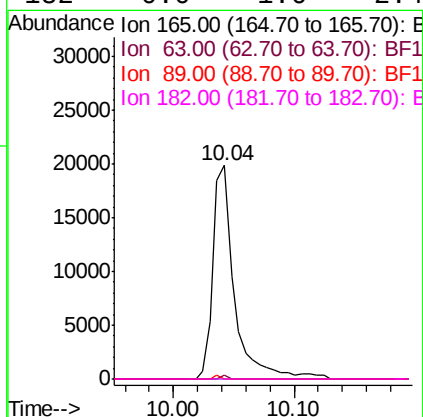
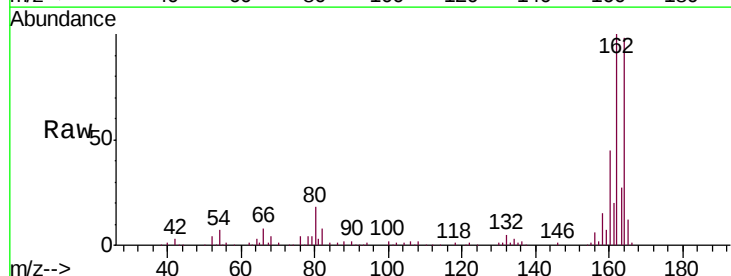
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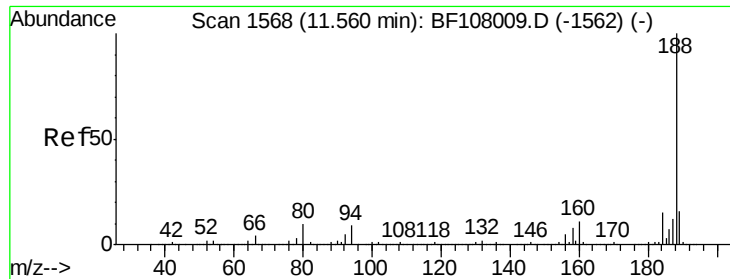
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.562 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108630.D
 Acq: 30 Aug 2018 3:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

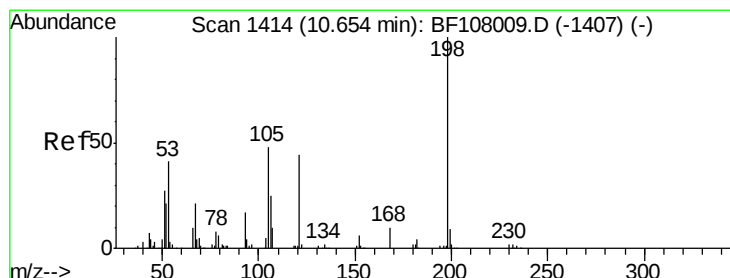
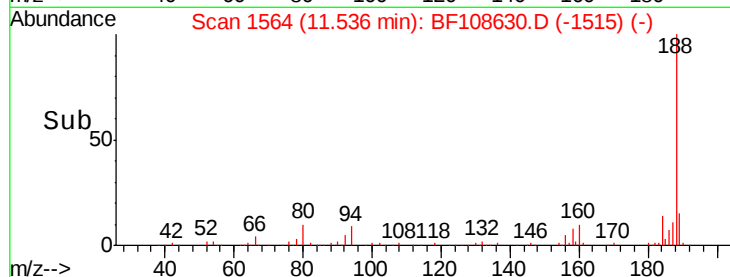
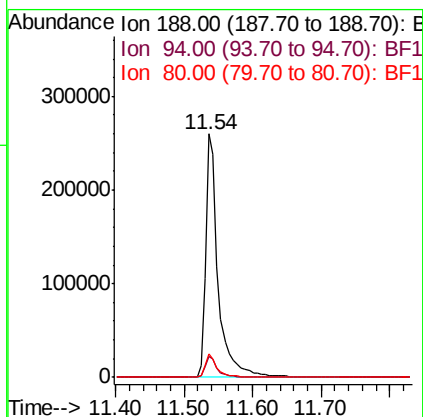
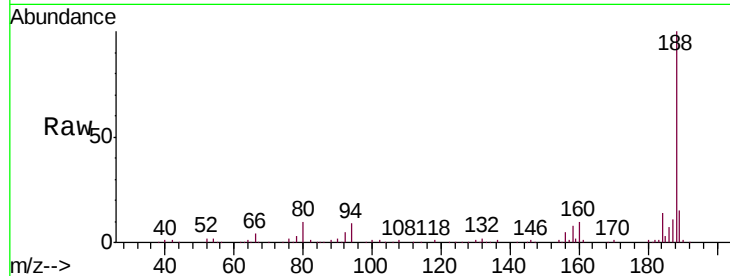




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108630.D
 Acq: 30 Aug 2018 3:55

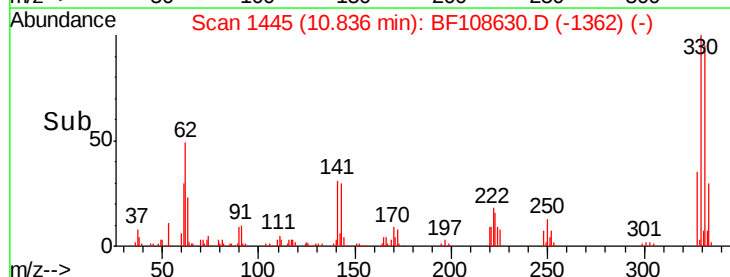
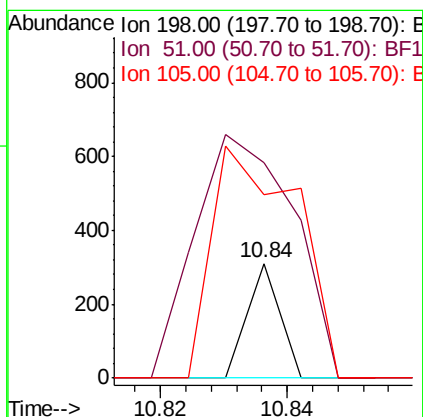
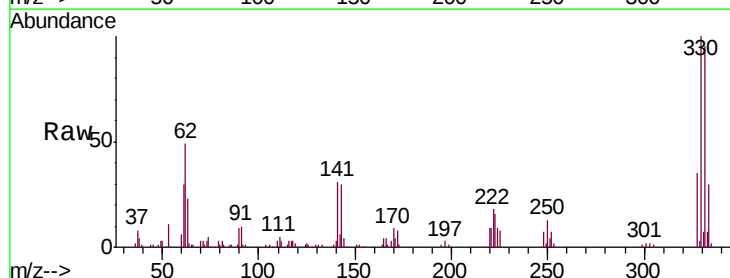
Instrument :
 BNA_F
 ClientSampleId :
 PB112466BL

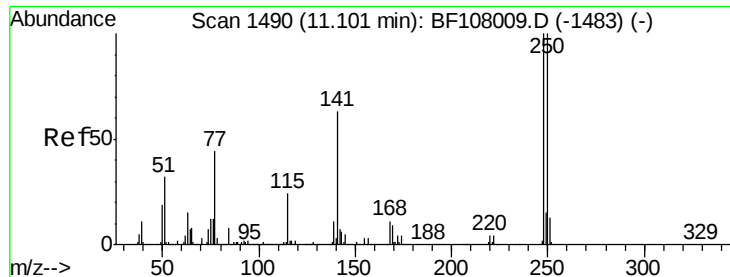
Tgt Ion:188 Resp: 333669
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 9.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.437 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108630.D
 Acq: 30 Aug 2018 3:55

Tgt Ion:198 Resp: 110
 Ion Ratio Lower Upper
 198 100
 51 188.1 37.7 77.7#
 105 159.2 36.3 76.3#

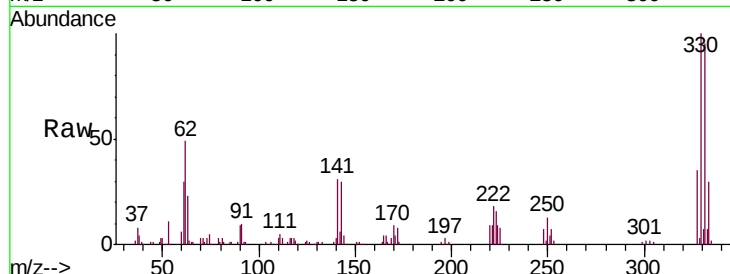




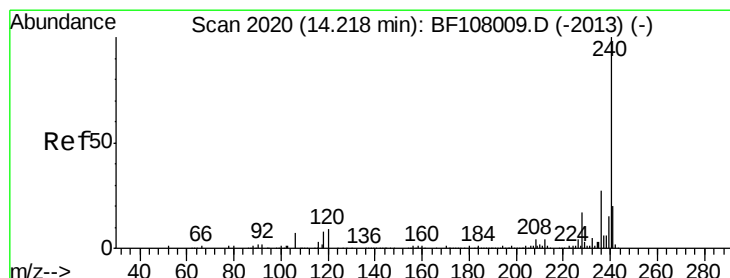
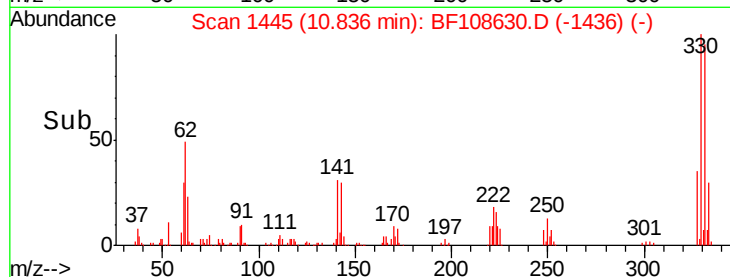
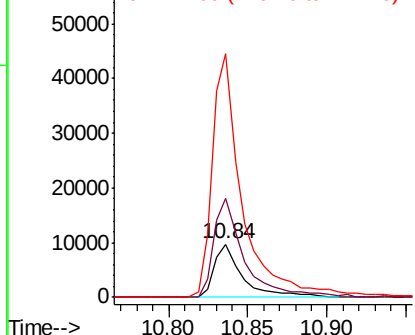
#66
 4-Bromophenyl-phenylether
 Concen: 3.301 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108630.D
 Acq: 30 Aug 2018 3:55

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BL

Tgt Ion:248 Resp: 11971
 Ion Ratio Lower Upper
 248 100
 250 186.4 76.9 115.3#
 141 455.7 74.4 111.6#

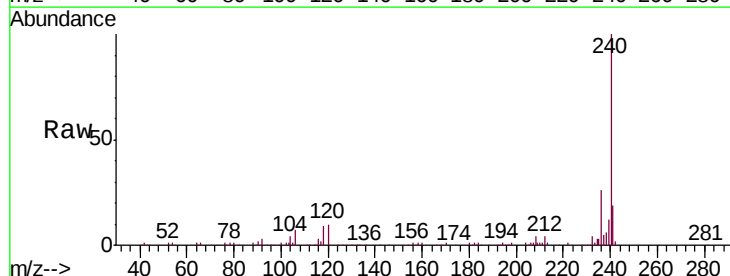


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

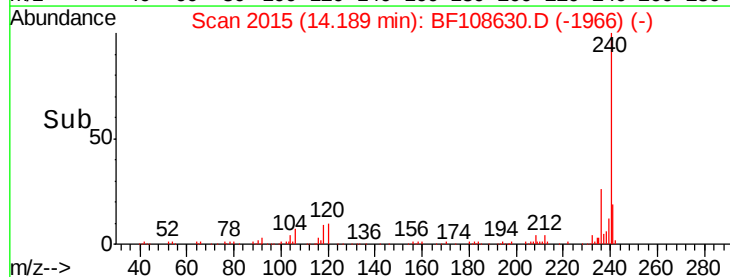
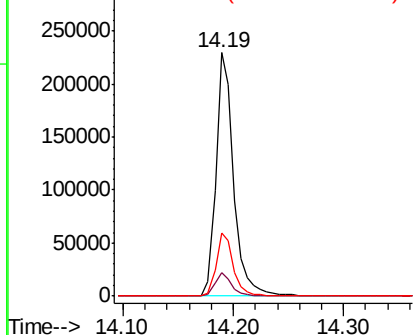


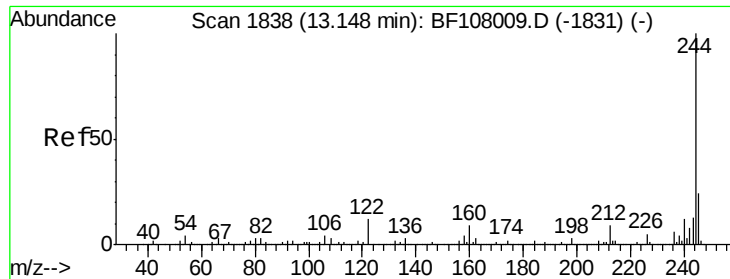
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108630.D
 Acq: 30 Aug 2018 3:55

Tgt Ion:240 Resp: 252586
 Ion Ratio Lower Upper
 240 100
 120 9.8 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: 109.990 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108630.D

Acq: 30 Aug 2018 3:55

Instrument :

BNA_F

ClientSampleId :

PB112466BL

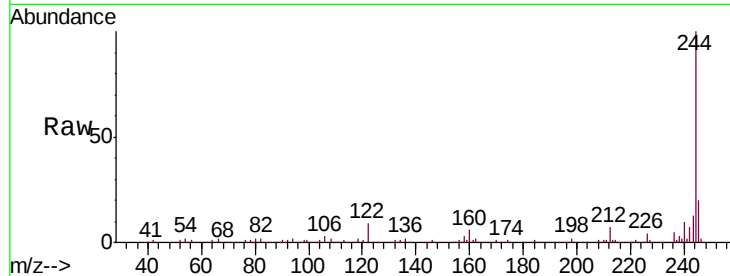
Tgt Ion:244 Resp: 1092676

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

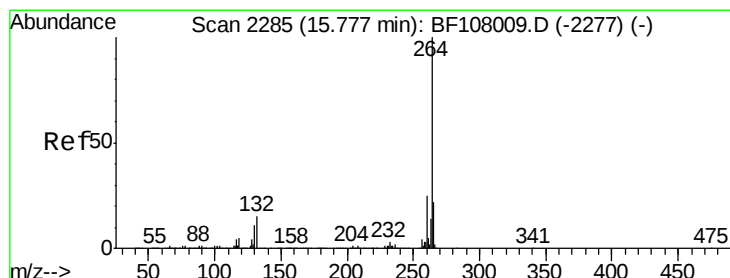
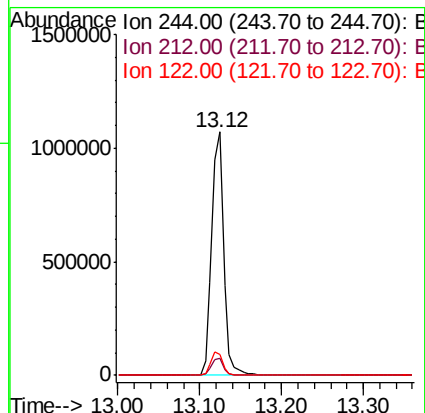
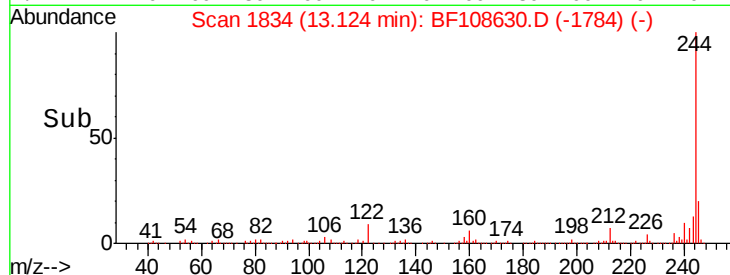
122 8.8 11.0 16.4#



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: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108630.D

Acq: 30 Aug 2018 3:55

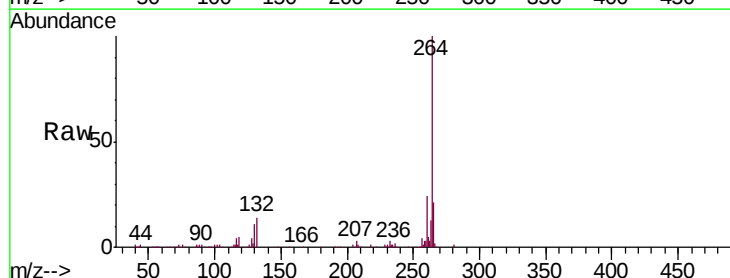
Tgt Ion:264 Resp: 235958

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.6 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

