

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108429.D
 Acq On : 23 Aug 2018 19:10
 Operator : JU/SJ
 Sample : PB112233BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BL

Quant Time: Aug 24 01:04:24 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

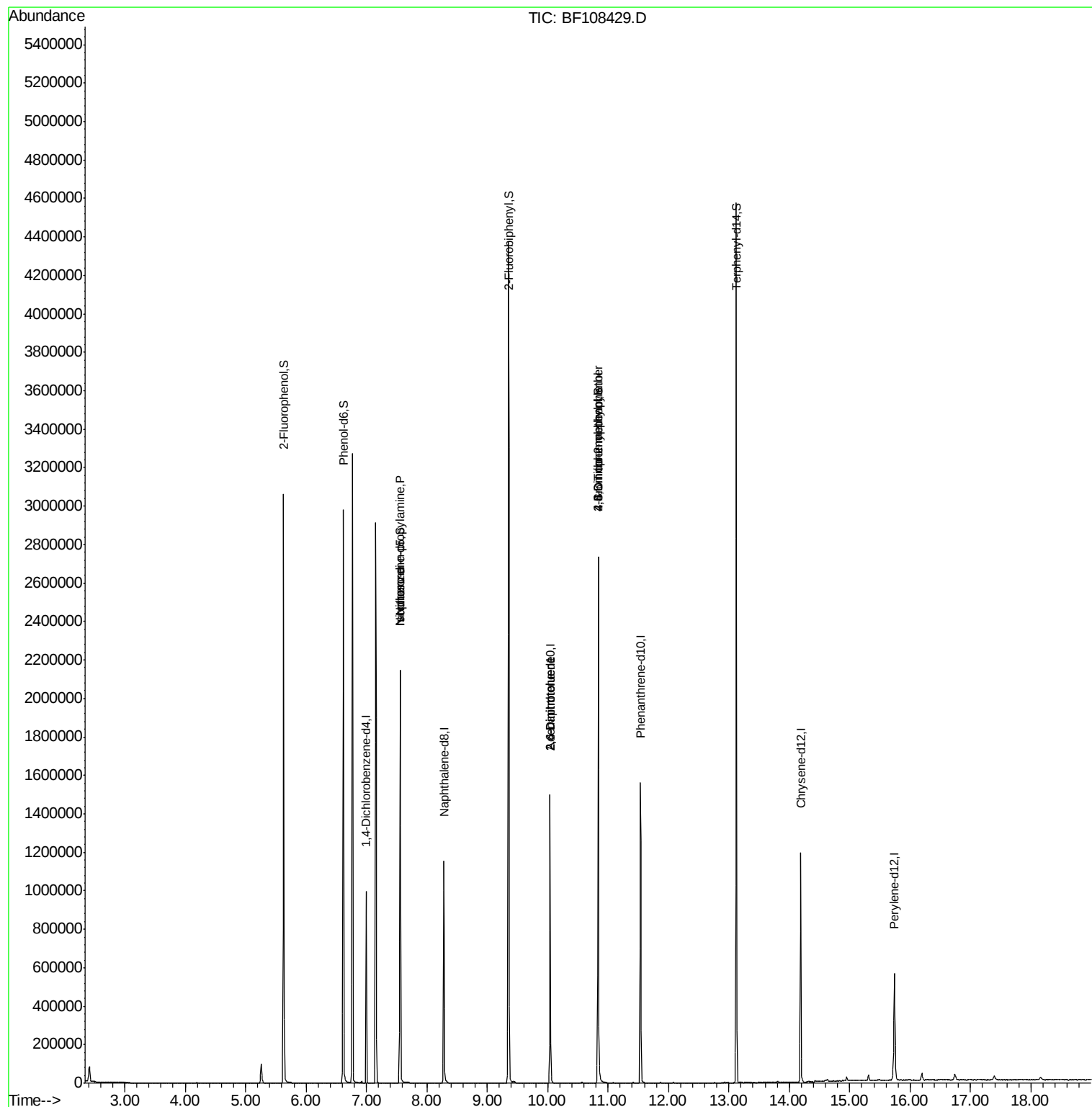
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	145454	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	550043	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	285621	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	582132	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	400468	20.00	ng	-0.01
86) Perylene-d12	15.74	264	296645	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	825794	102.79	ng	0.00
7) Phenol-d6	6.62	99	1111197	104.08	ng	-0.01
23) Nitrobenzene-d5	7.56	82	737866	74.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	336520	118.12	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1422417	79.95	ng	-0.01
78) Terphenyl-d14	13.12	244	1594744	101.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	98991	13.711	ng	# 82
25) Isophorone	7.56	82	732911	39.009	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	36345	8.731	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	36345	6.783	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	710	5.647	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	22252	3.517	ng	# 1

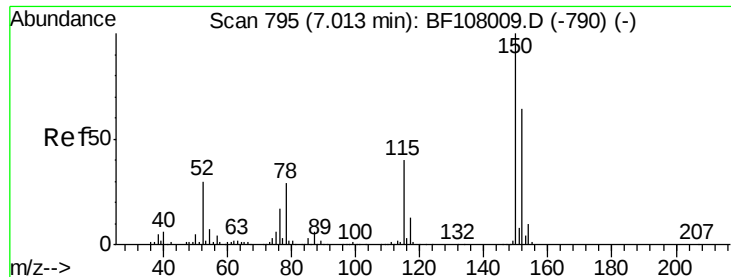
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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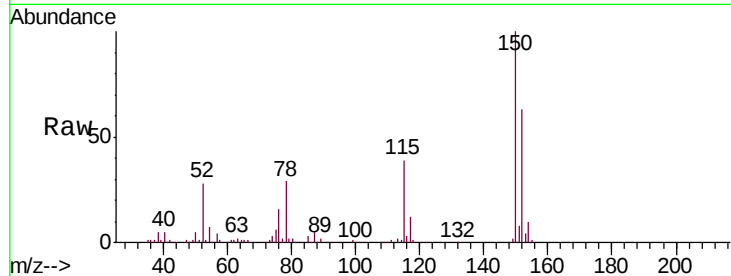


#1

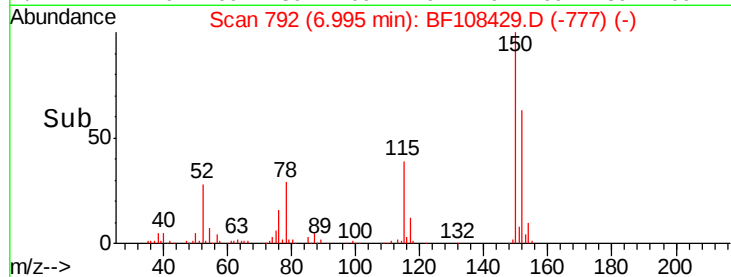
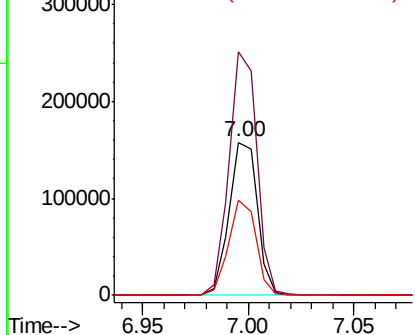
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108429.D
Acq: 23 Aug 2018 19:10

Instrument :
BNA_F
ClientSampleId :
PB112233BL

Tgt Ion:152 Resp: 145454
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 61.7 50.1 75.1



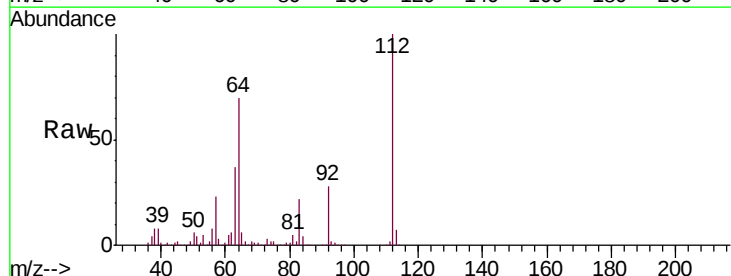
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



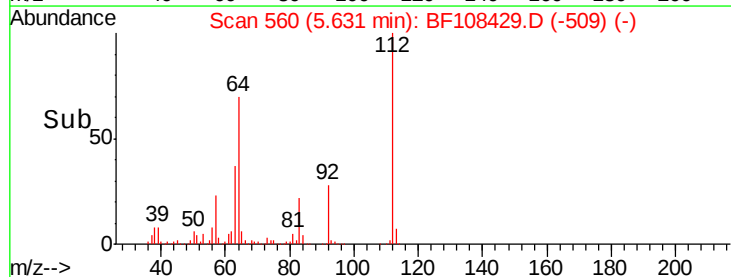
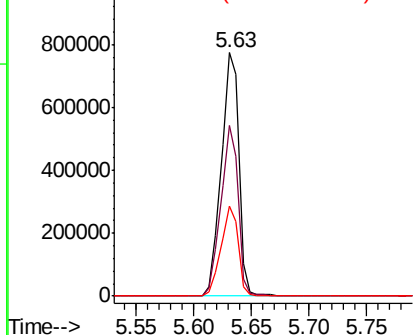
#5

2-Fluorophenol
Concen: 102.786 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108429.D
Acq: 23 Aug 2018 19:10

Tgt Ion:112 Resp: 825794
Ion Ratio Lower Upper
112 100
64 70.3 47.9 71.9
63 37.1 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: 104.081 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108429.D

Acq: 23 Aug 2018 19:10

Instrument :

BNA_F

ClientSampleId :

PB112233BL

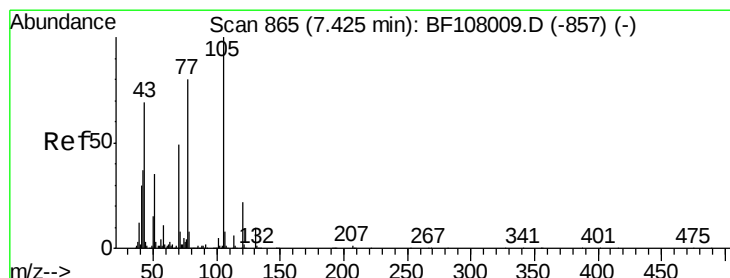
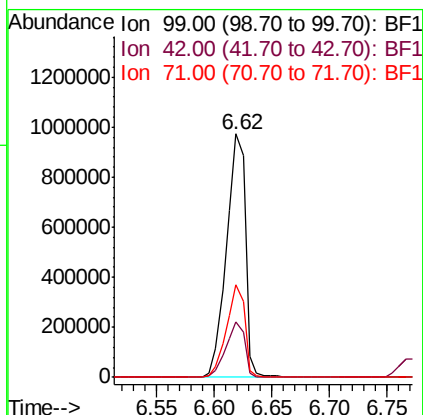
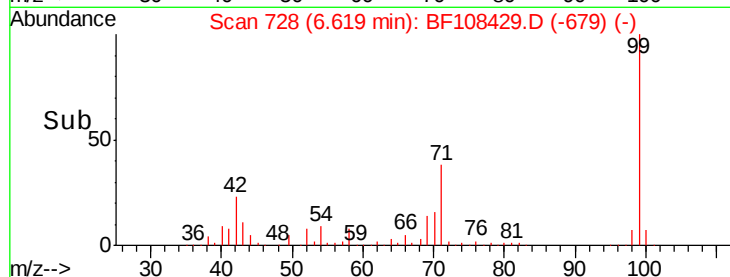
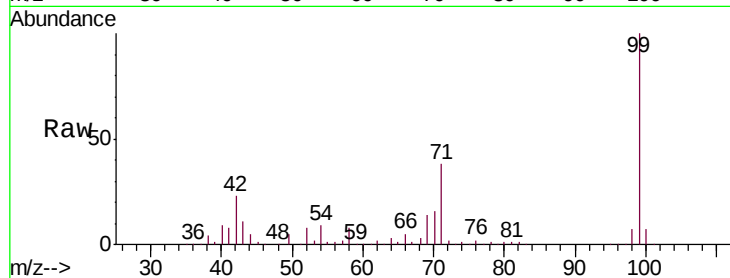
Tgt Ion: 99 Resp: 1111197

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

71 37.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.711 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108429.D

Acq: 23 Aug 2018 19:10

Tgt Ion: 70 Resp: 98991

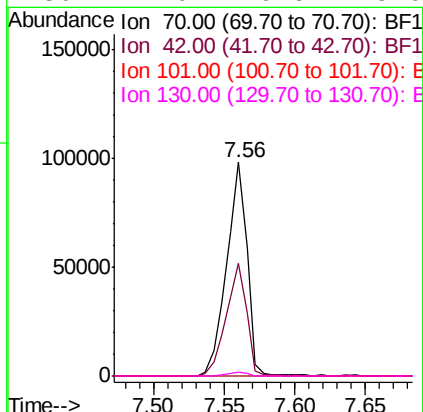
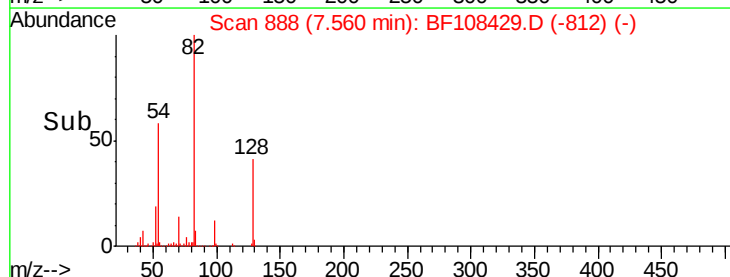
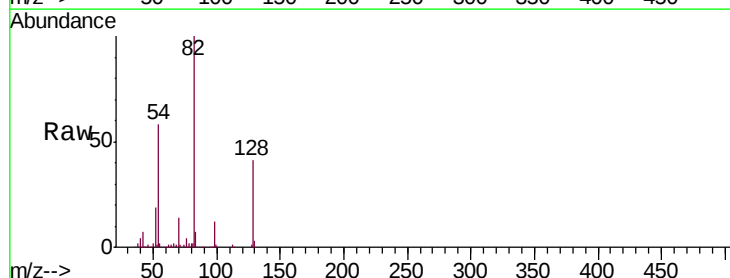
Ion Ratio Lower Upper

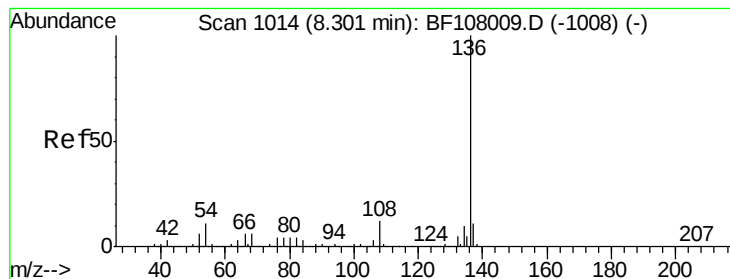
70 100

42 52.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 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: BF108429.D

Acq: 23 Aug 2018 19:10

Instrument :

BNA_F

ClientSampleId :

PB112233BL

Tgt Ion:136 Resp: 550043

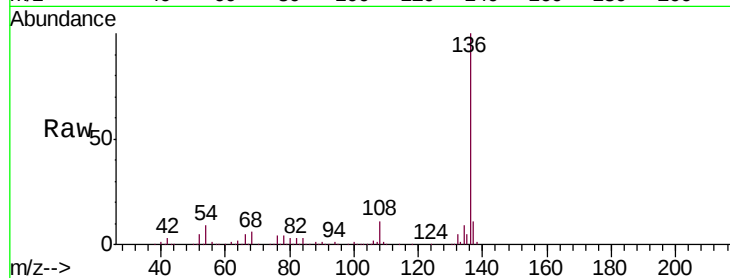
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.3 6.6 9.8

68 5.7 5.0 7.4

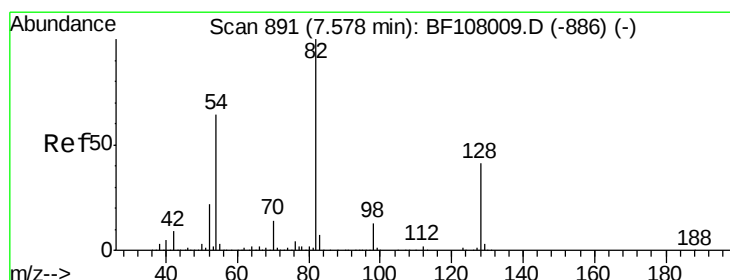
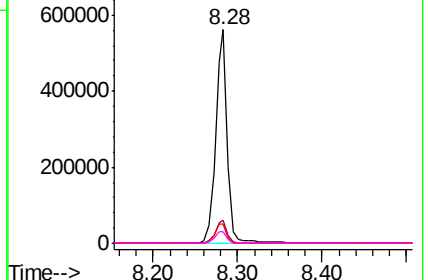
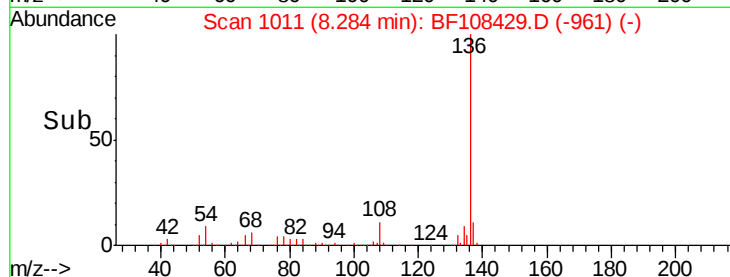


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.856 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108429.D

Acq: 23 Aug 2018 19:10

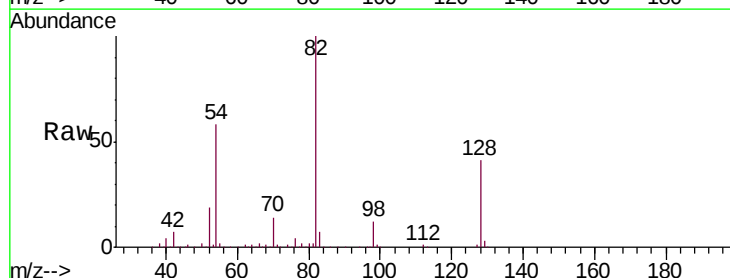
Tgt Ion: 82 Resp: 737866

Ion Ratio Lower Upper

82 100

128 40.7 36.1 54.1

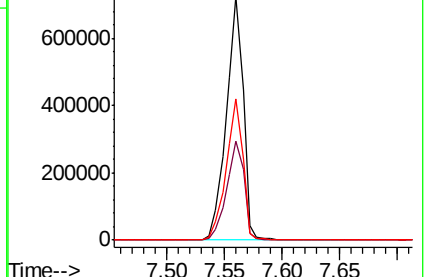
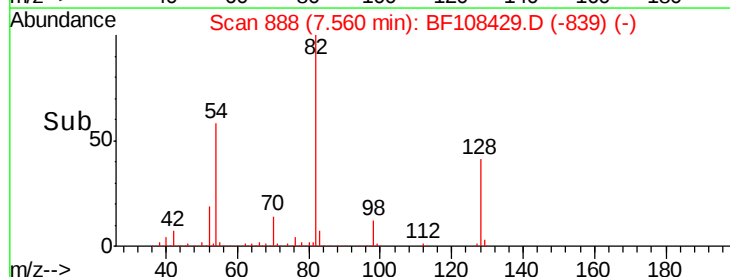
54 57.8 41.4 62.2

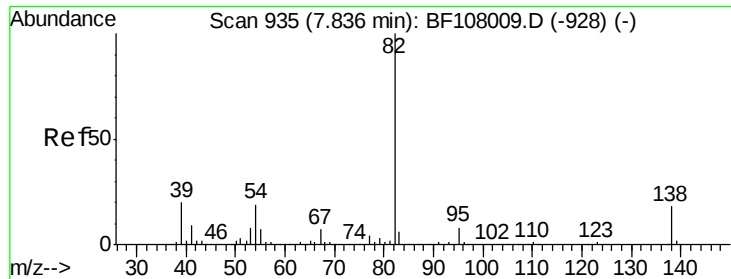


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.009 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108429.D

Acq: 23 Aug 2018 19:10

Instrument :

BNA_F

ClientSampleId :

PB112233BL

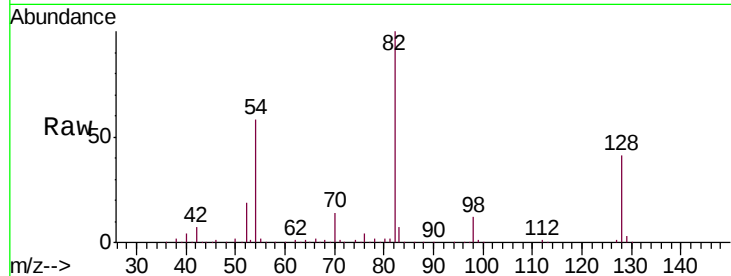
Tgt Ion: 82 Resp: 732911

Ion Ratio Lower Upper

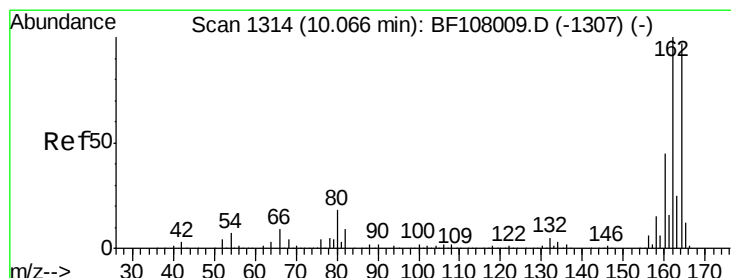
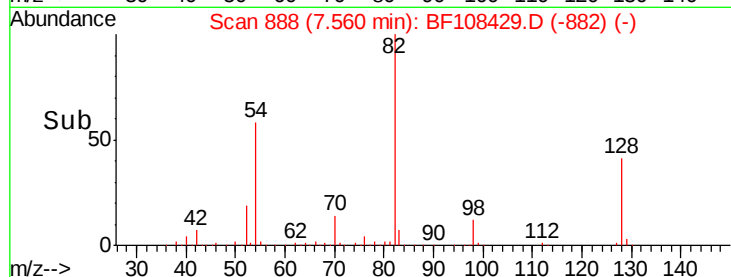
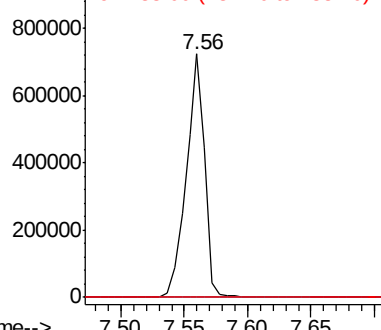
82 100

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: BF108429.D

Acq: 23 Aug 2018 19:10

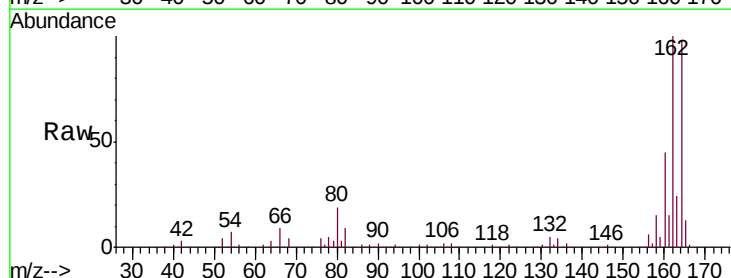
Tgt Ion: 164 Resp: 285621

Ion Ratio Lower Upper

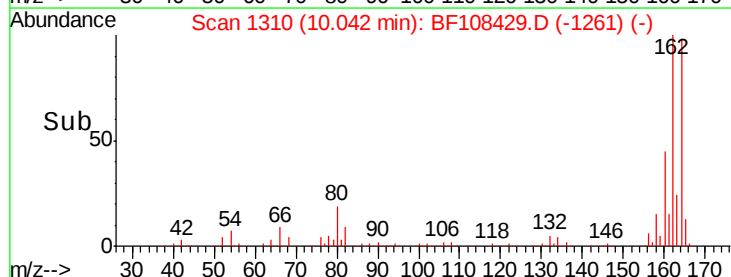
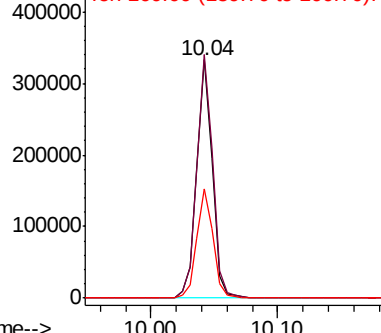
164 100

162 102.2 86.1 129.1

160 45.9 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

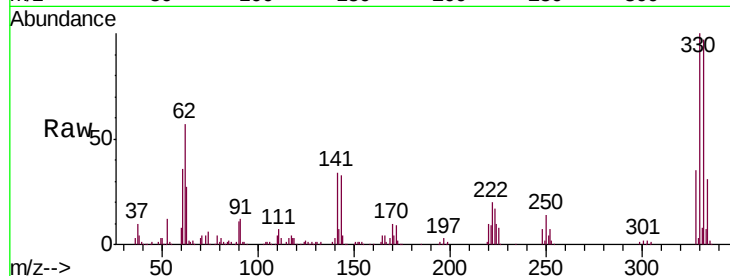




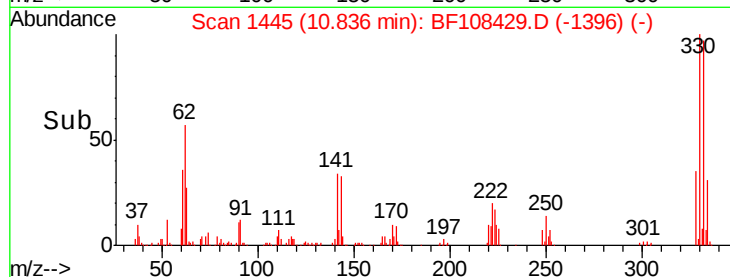
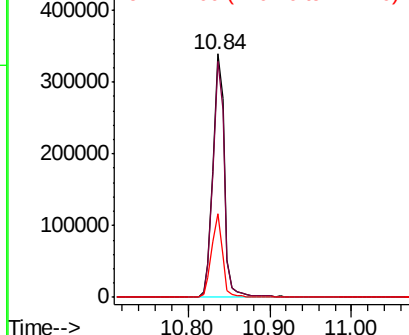
#41
 2,4,6-Tribromophenol
 Concen: 118.119 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108429.D
 Acq: 23 Aug 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BL

Tgt Ion:330 Resp: 336520
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.0 29.9 44.9

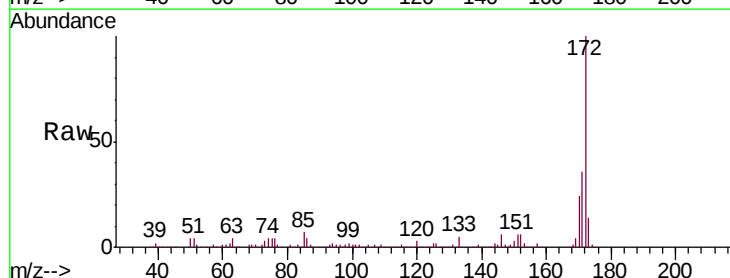


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

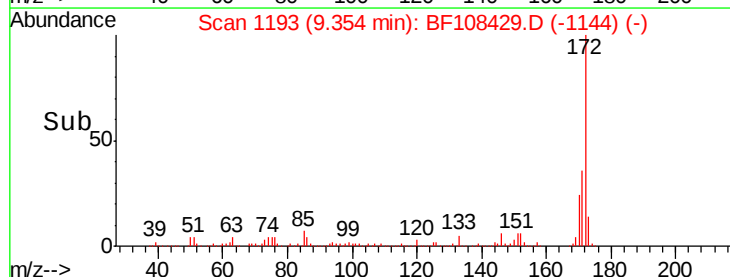
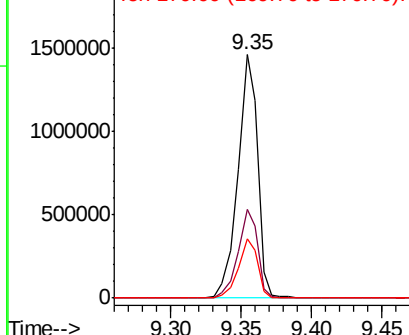


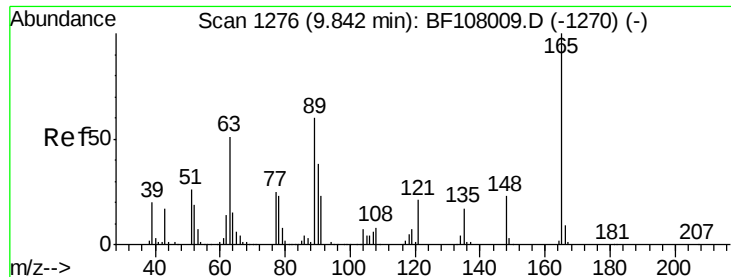
#44
 2-Fluorobiphenyl
 Concen: 79.954 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108429.D
 Acq: 23 Aug 2018 19:10

Tgt Ion:172 Resp: 1422417
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.4 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

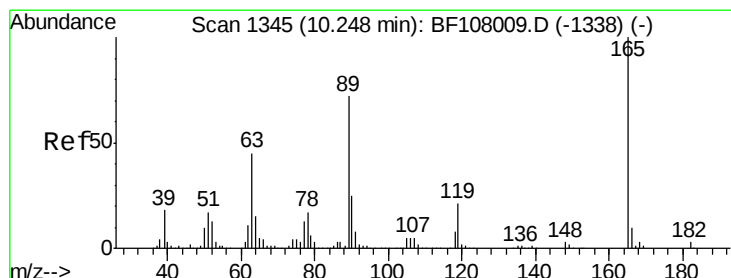
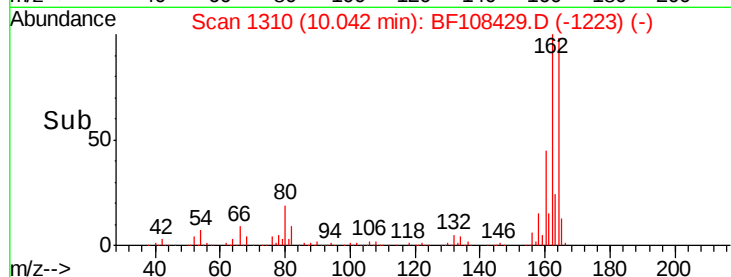
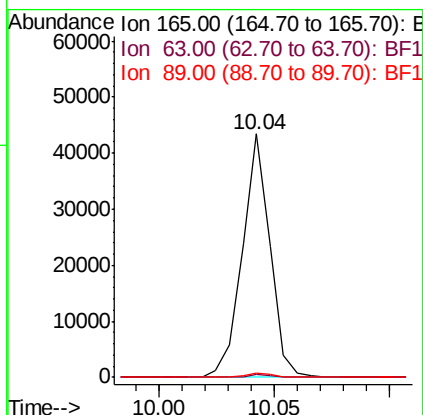
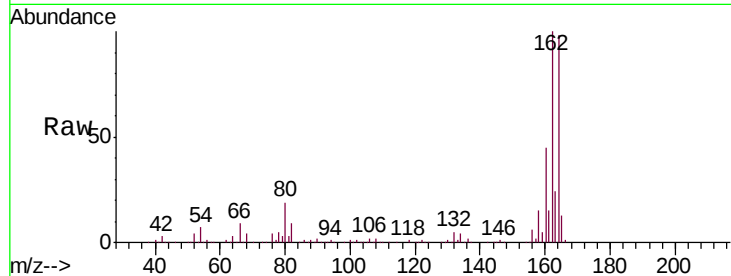




#50
 2,6-Dinitrotoluene
 Concen: 8.731 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108429.D
 Acq: 23 Aug 2018 19:10

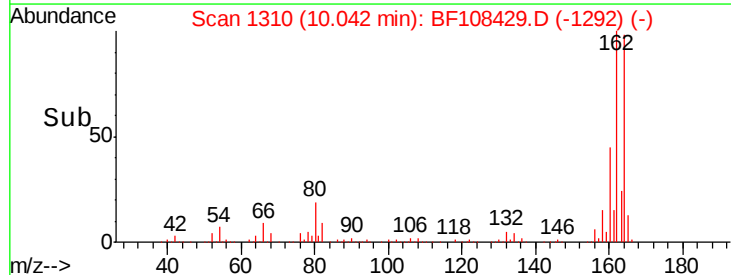
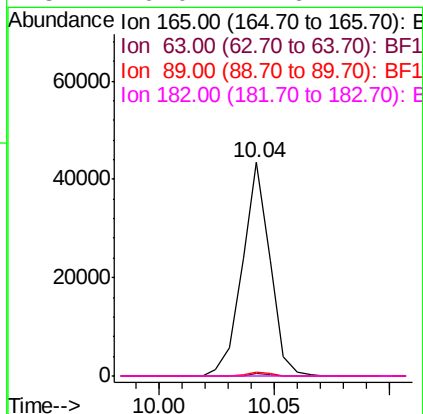
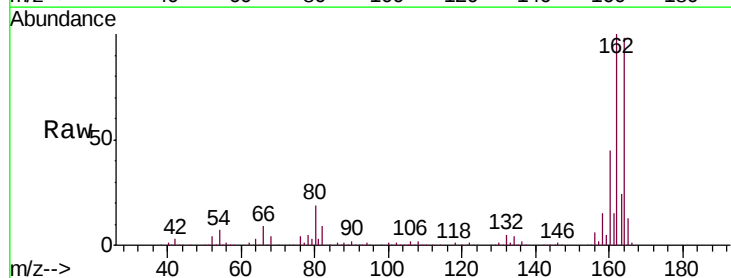
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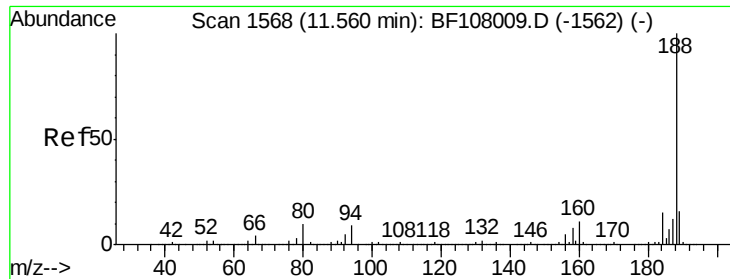
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.783 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108429.D
 Acq: 23 Aug 2018 19:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

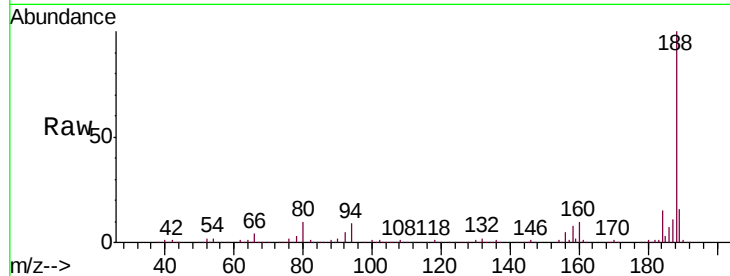




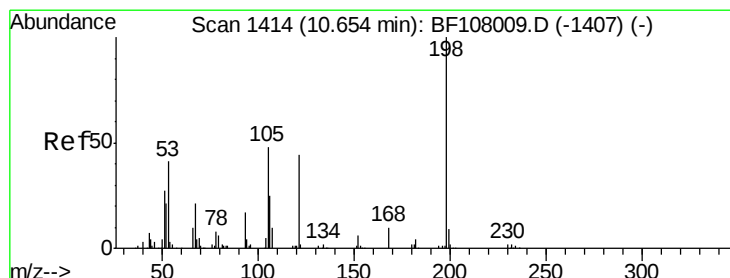
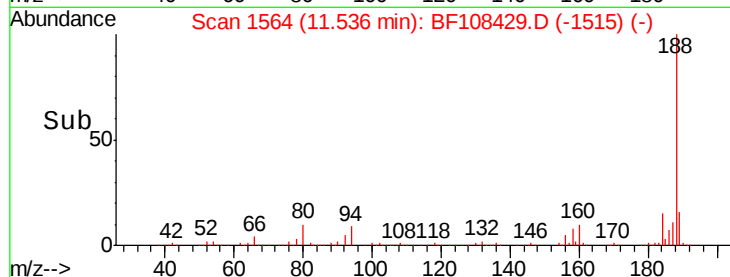
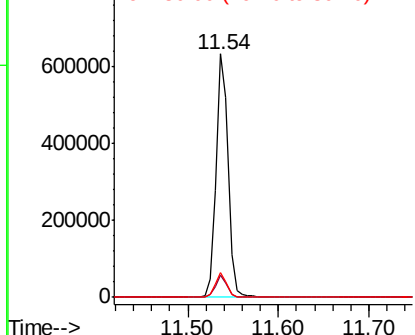
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108429.D
 Acq: 23 Aug 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BL

Tgt Ion:188 Resp: 582132
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 10.3 9.2 13.8

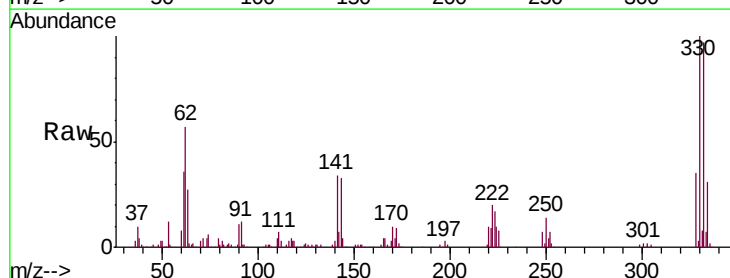


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

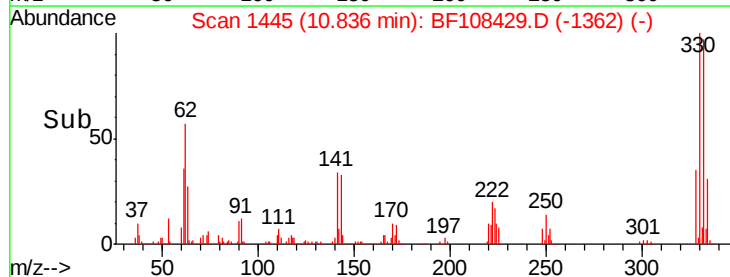
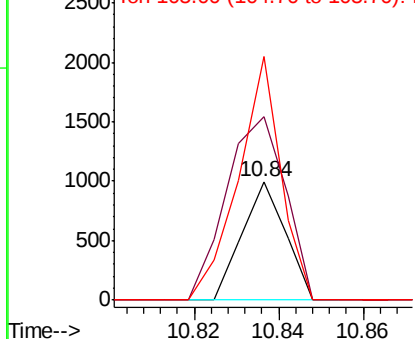


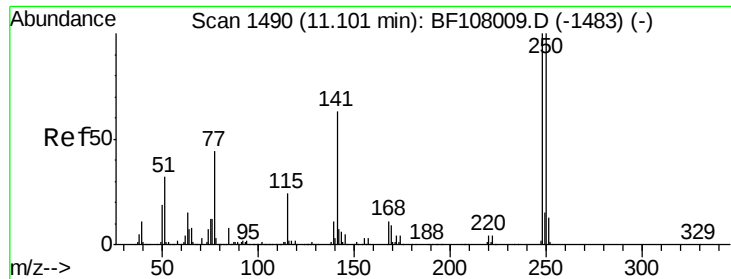
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.647 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108429.D
 Acq: 23 Aug 2018 19:10

Tgt Ion:198 Resp: 710
 Ion Ratio Lower Upper
 198 100
 51 154.3 37.7 77.7#
 105 205.4 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

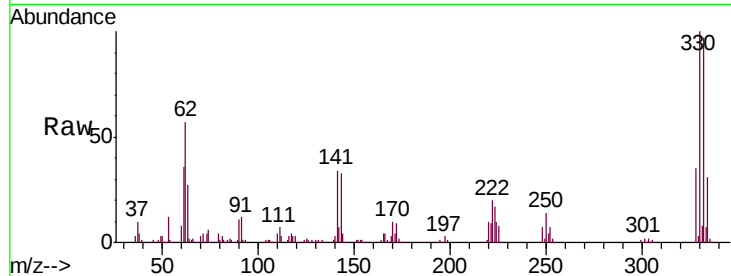




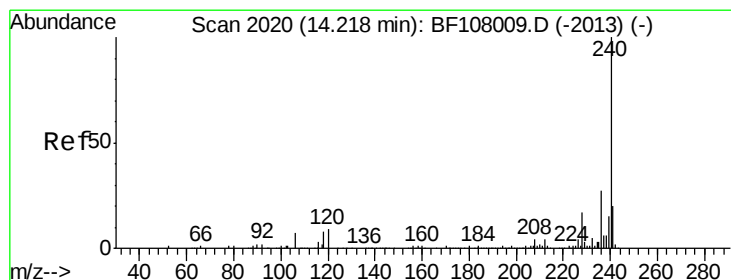
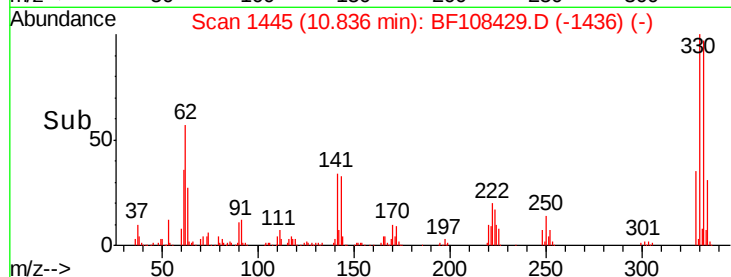
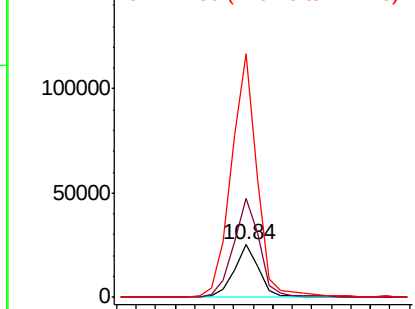
#66
4-Bromophenyl-phenylether
Concen: 3.517 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108429.D
Acq: 23 Aug 2018 19:10

Instrument :
BNA_F
ClientSampleId :
PB112233BL

Tgt Ion:248 Resp: 22252
Ion Ratio Lower Upper
248 100
250 189.3 76.9 115.3#
141 465.6 74.4 111.6#

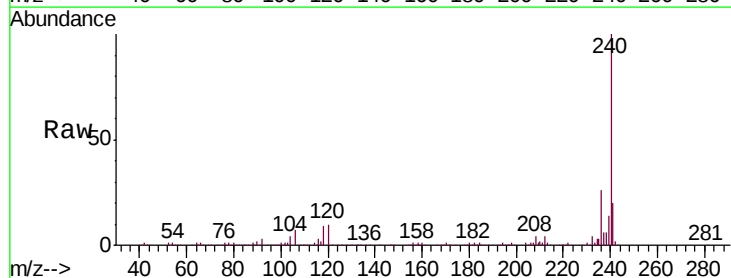


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

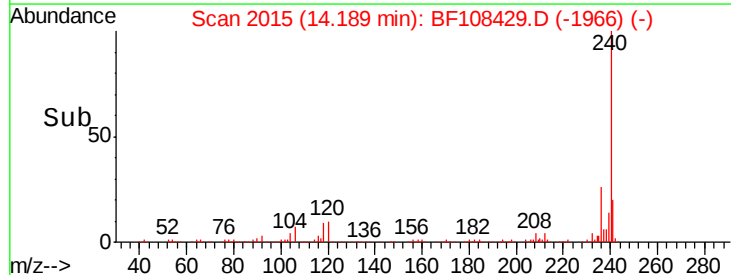
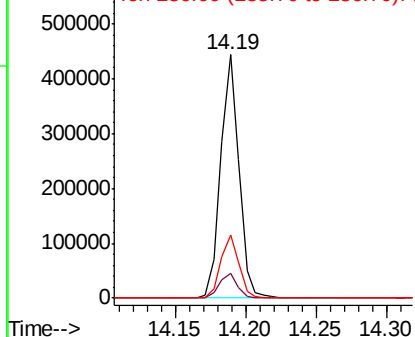


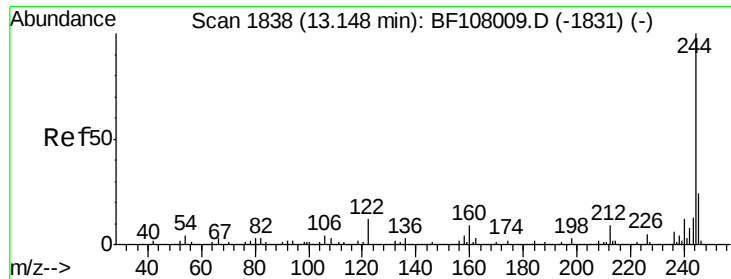
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108429.D
Acq: 23 Aug 2018 19:10

Tgt Ion:240 Resp: 400468
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 26.0 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

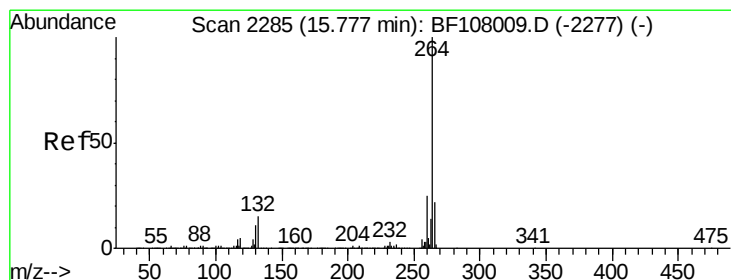
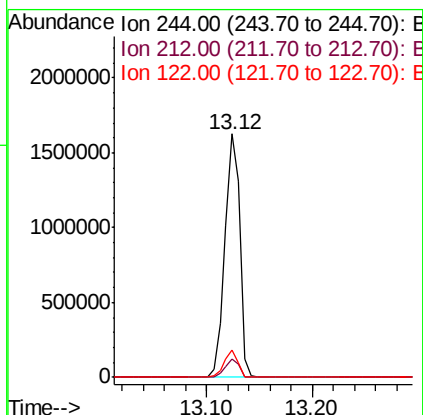
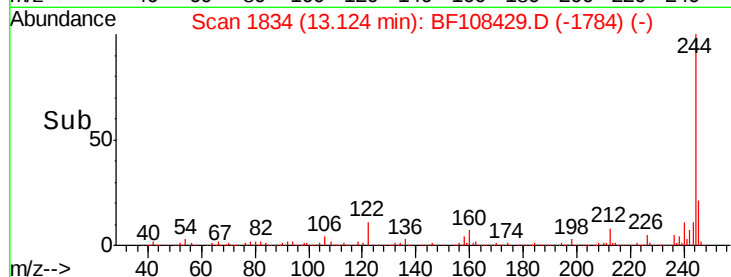
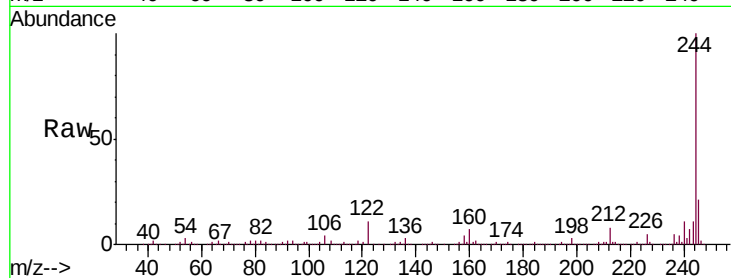




#78
 Terphenyl-d14
 Concen: 101.250 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108429.D
 Acq: 23 Aug 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BL

Tgt Ion:244 Resp: 1594744
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.0
 122 11.3 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: BF108429.D
 Acq: 23 Aug 2018 19:10

Tgt Ion:264 Resp: 296645
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.9 17.5 26.3

