

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108250.D
 Acq On : 17 Aug 2018 18:27
 Operator : JU/SJ
 Sample : J4501-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 17 18:49:51 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 08 12:24:24 2018
 Response via : Initial Calibration

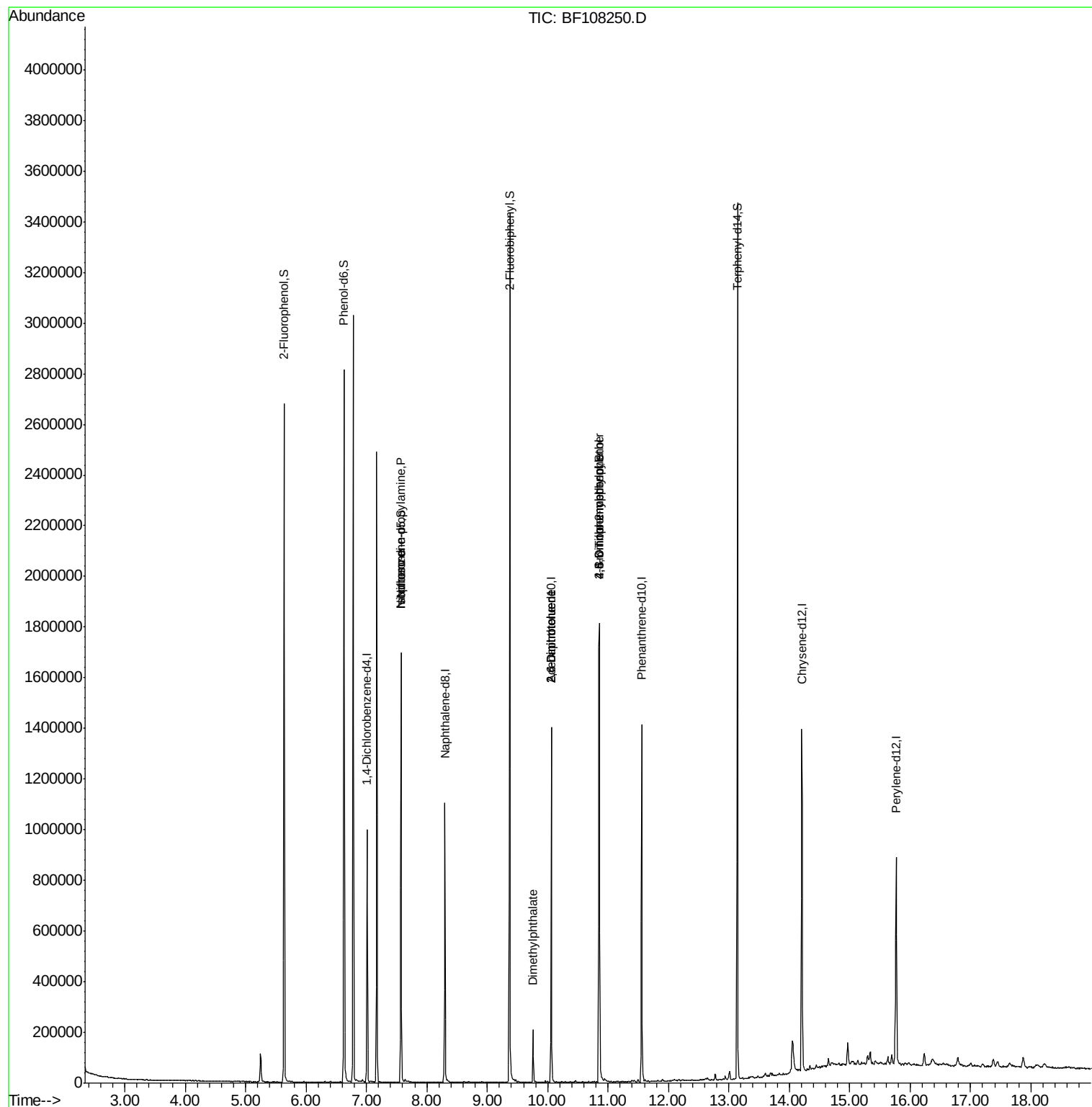
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	131685	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	490803	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	252051	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	502941	20.00	ng	0.00
75) Chrysene-d12	14.21	240	455086	20.00	ng	-0.01
86) Perylene-d12	15.77	264	399770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	644283	88.58	ng	0.00
7) Phenol-d6	6.63	99	856310	88.59	ng	0.00
23) Nitrobenzene-d5	7.57	82	547522	62.25	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	233393	92.83	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1020420	65.00	ng	0.00
78) Terphenyl-d14	13.14	244	1124620	62.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	71757	10.978	ng	# 86
25) Isophorone	7.57	82	547515	32.659	ng	# 64
49) Dimethylphthalate	9.76	163	73099	4.163	ng	# 99
50) 2,6-Dinitrotoluene	10.06	165	32700	8.902	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	32700	6.916	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	371	5.533	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	15550	2.845	ng	# 1

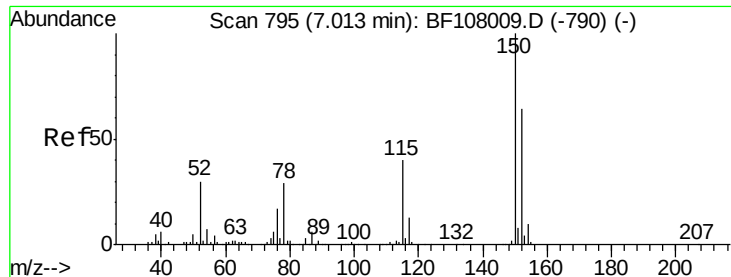
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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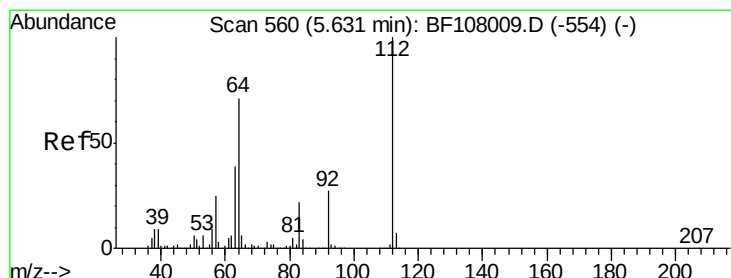
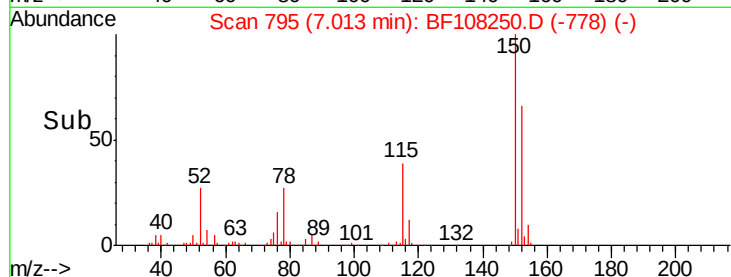
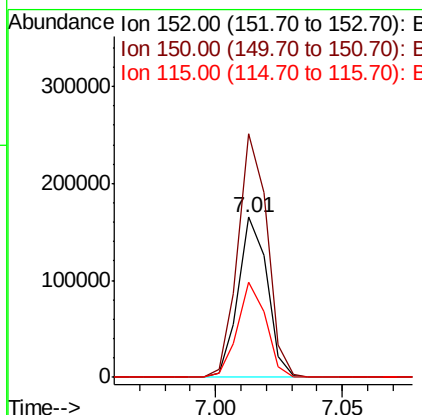
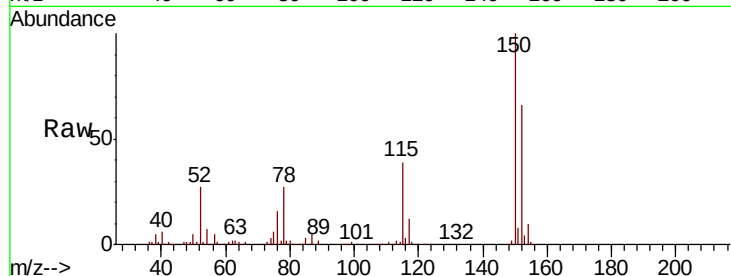


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :

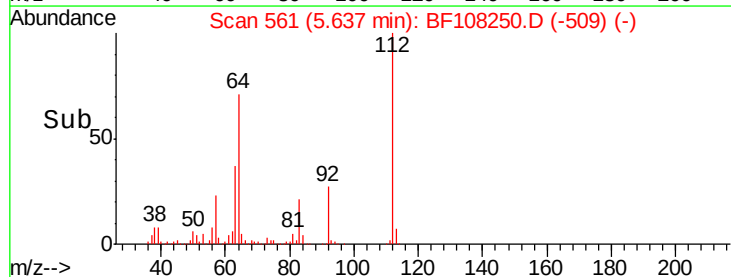
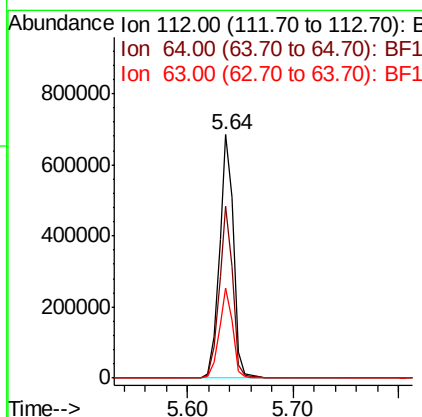
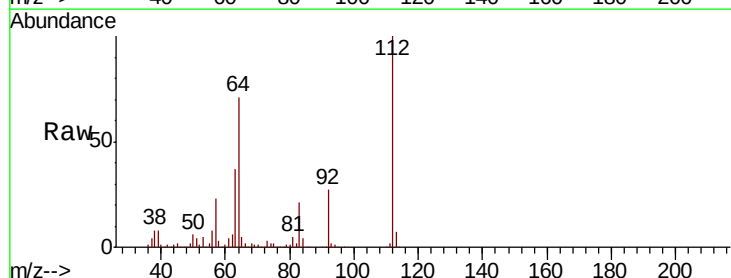
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	59.1	50.1	75.1

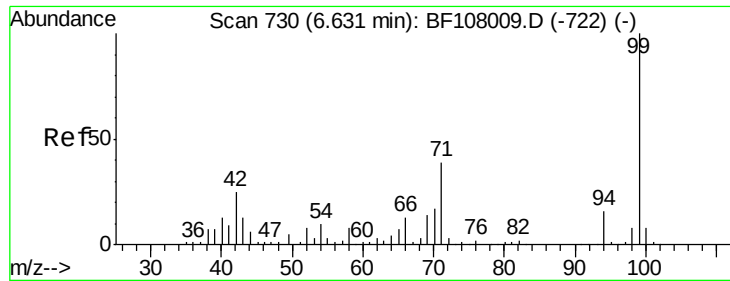


#5

2-Fluorophenol
Concen: 88.578 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	47.9	71.9
63	36.8	23.7	35.5





#7

Phenol-d6

Concen: 88.593 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108250.D

Acq: 17 Aug 2018 18:27

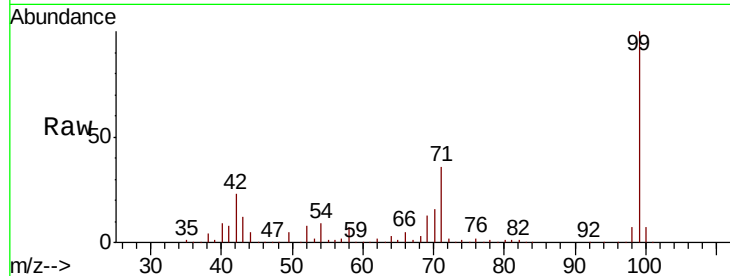
Instrument :

BNA_F

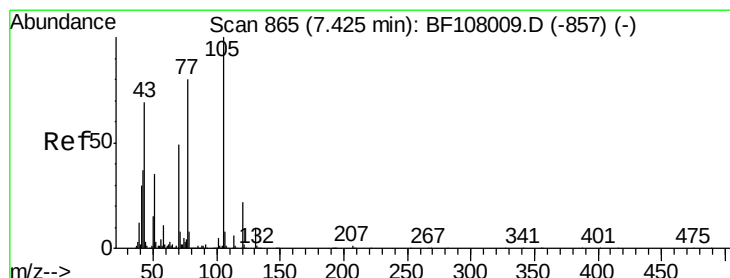
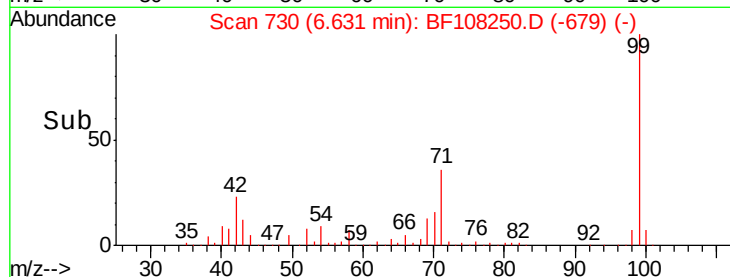
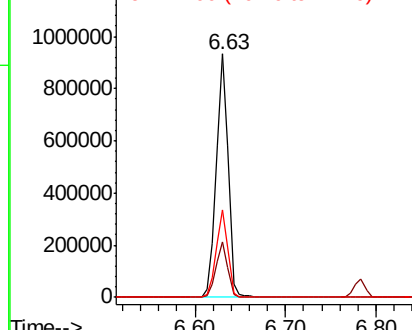
ClientSampleId :

Tot Ion: 99 Resp: 856310

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	36.0	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: 10.978 ng

RT: 7.57 min Scan# 890

Delta R.T. 0.15 min

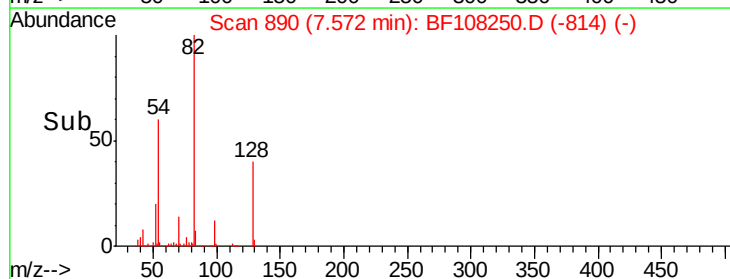
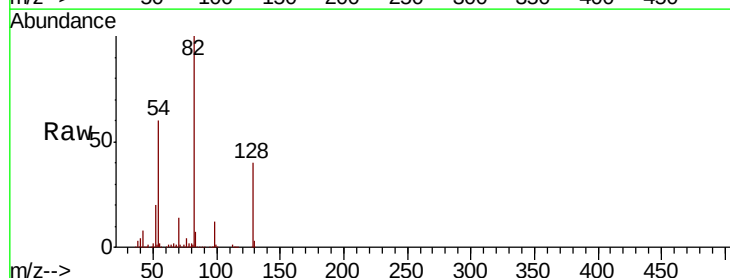
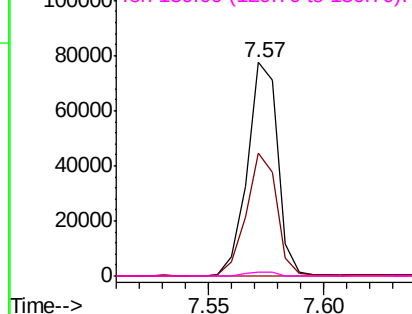
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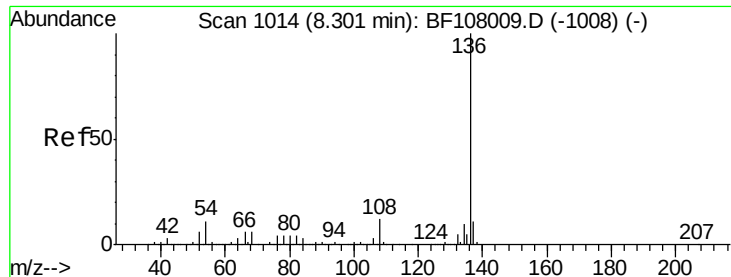
Acq: 17 Aug 2018 18:27

Tgt Ion: 70 Resp: 71757

Ion	Ratio	Lower	Upper
70	100		
42	57.6	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

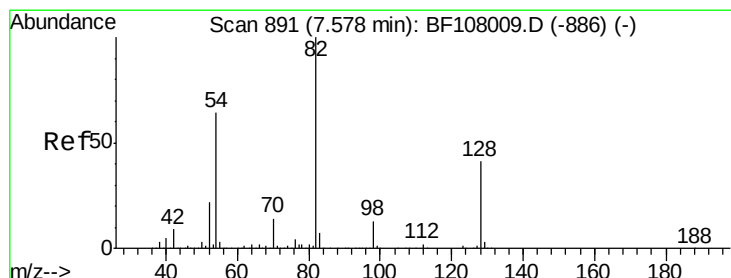
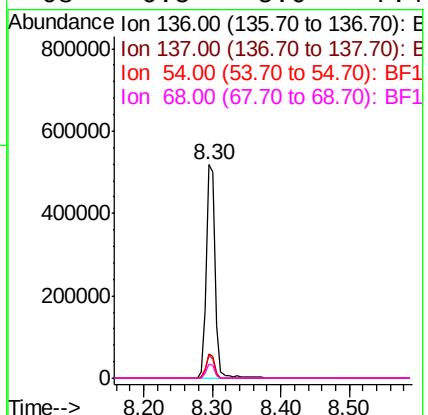
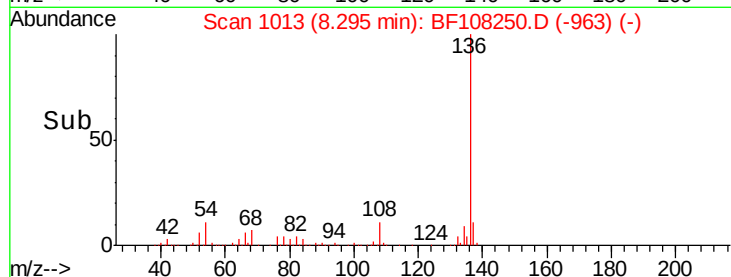
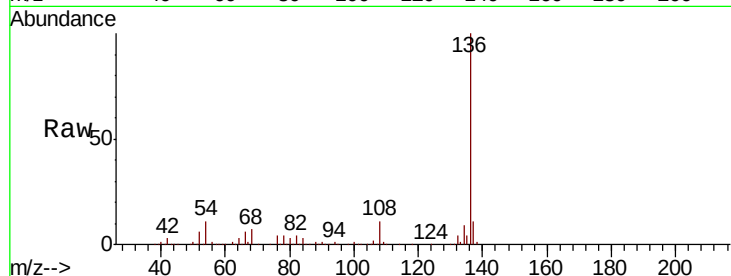




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

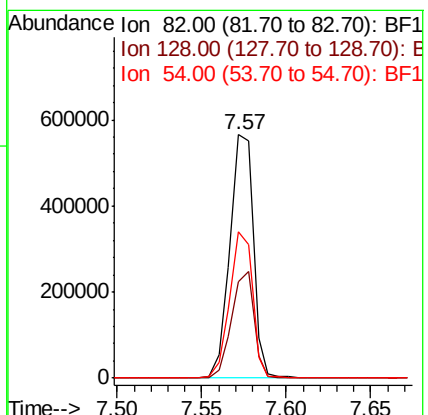
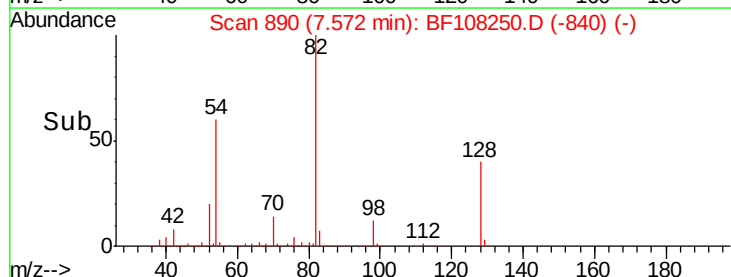
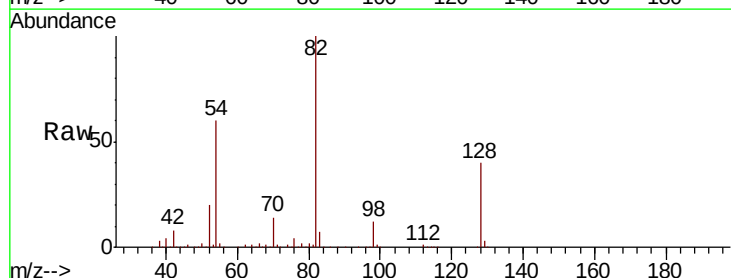
Instrument :
BNA_F
ClientSampleId :

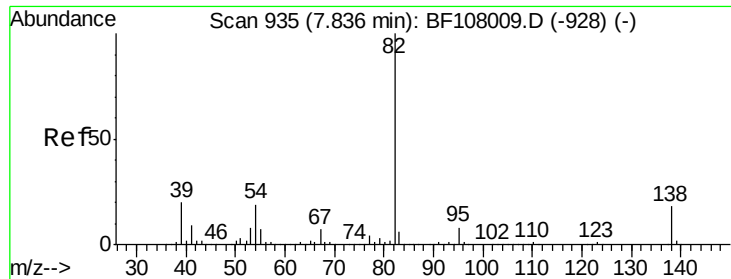
Tot Ion:136	Resp:	490803
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	10.8	6.6 9.8#
68	6.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 62.250 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

Tgt Ion: 82	Resp:	547522
Ion Ratio	Lower	Upper
82	100	
128	39.8	36.1 54.1
54	60.1	41.4 62.2

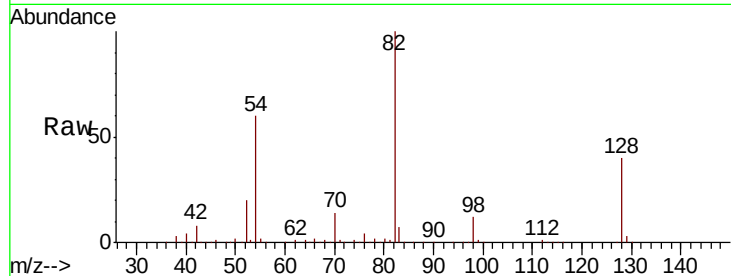




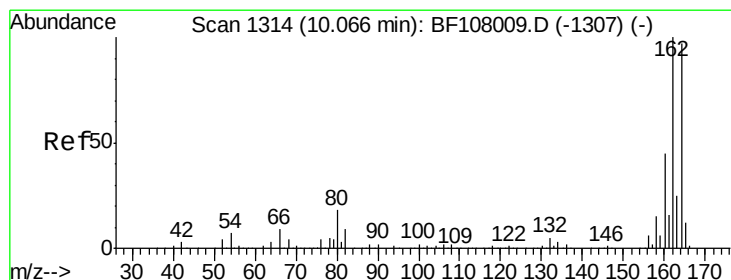
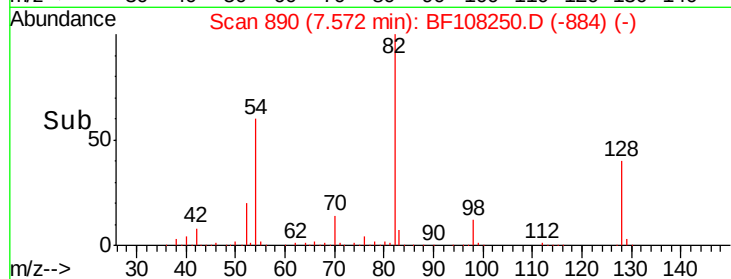
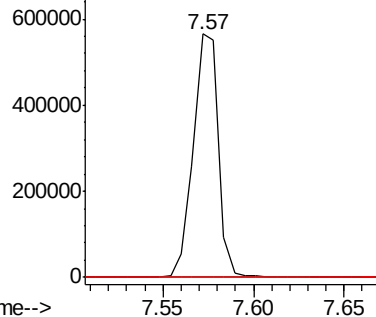
#25
Isophorone
Concen: 32.659 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 547515
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

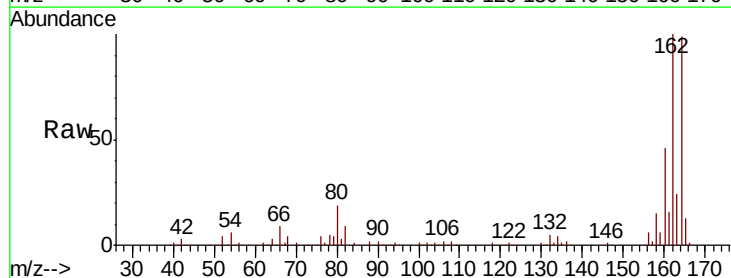


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

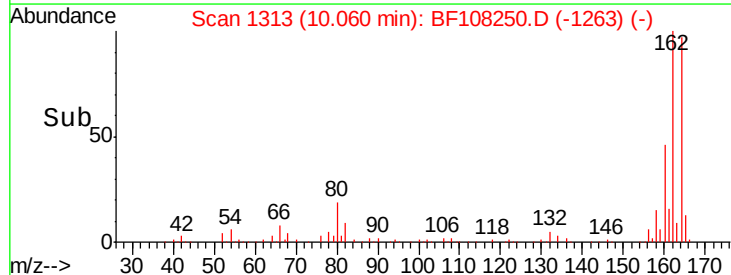
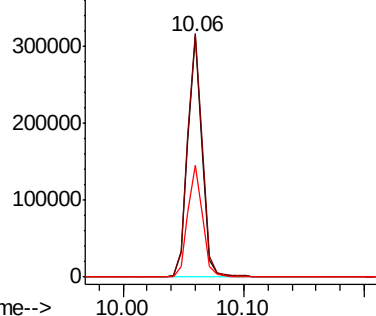


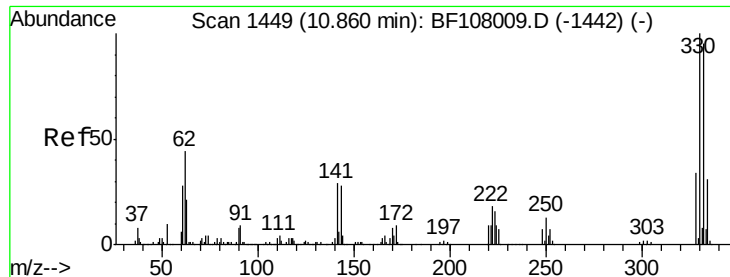
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

Tgt Ion:164 Resp: 252051
Ion Ratio Lower Upper
164 100
162 101.0 86.1 129.1
160 46.3 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

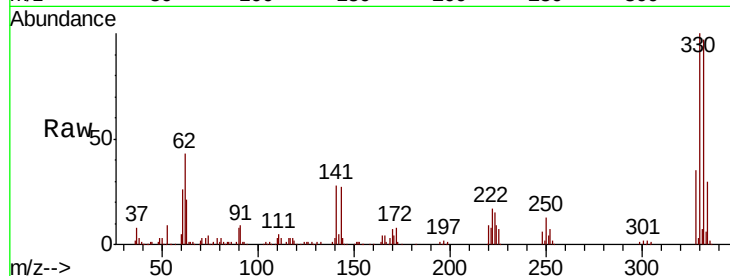




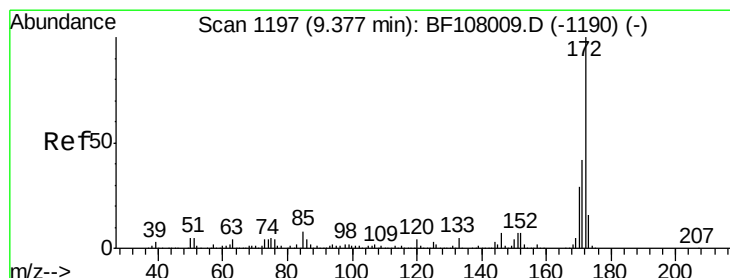
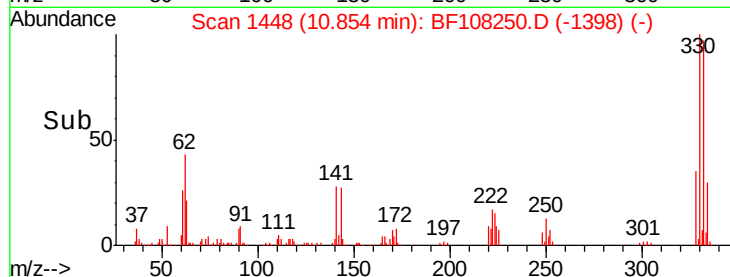
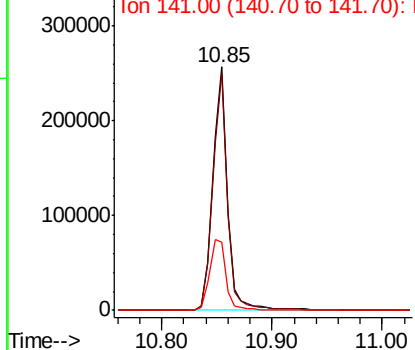
#41
 2,4,6-Tribromophenol
 Concen: 92.832 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108250.D
 Acq: 17 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.6	29.9	44.9

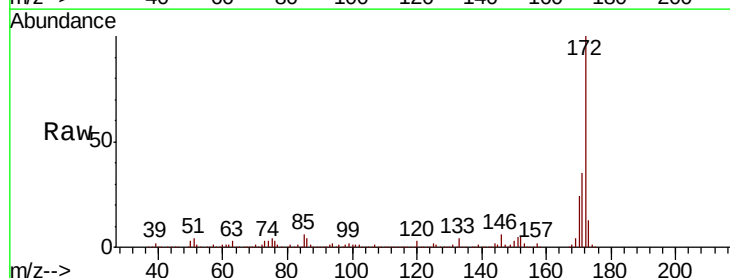


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

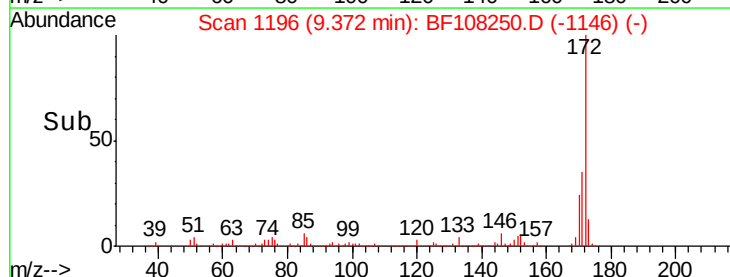
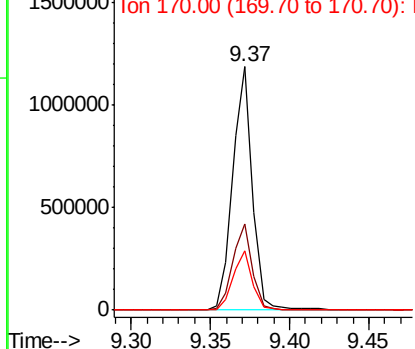


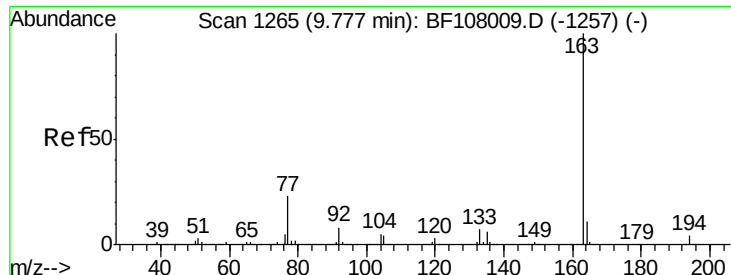
#44
 2-Fluorobiphenyl
 Concen: 64.997 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108250.D
 Acq: 17 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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

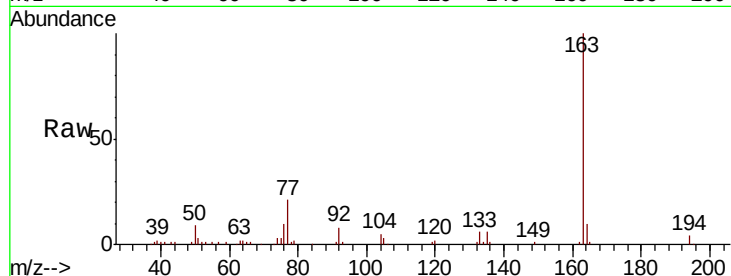




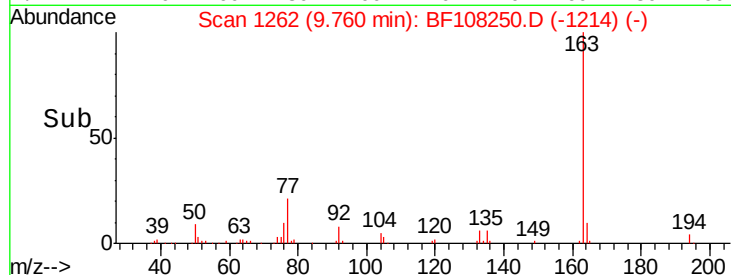
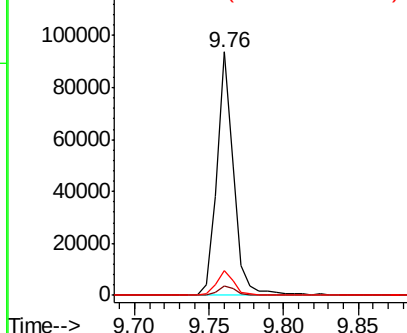
#49
Dimethylphthalate
Concen: 4.163 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 73099
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 8.2 12.2

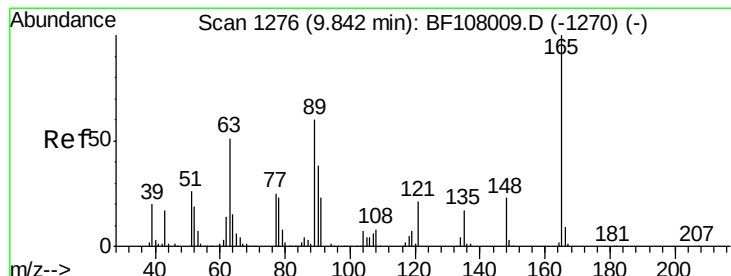


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

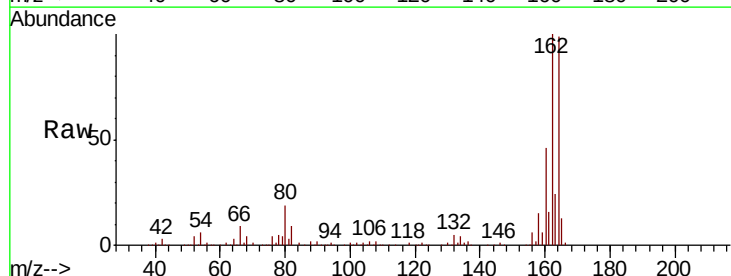
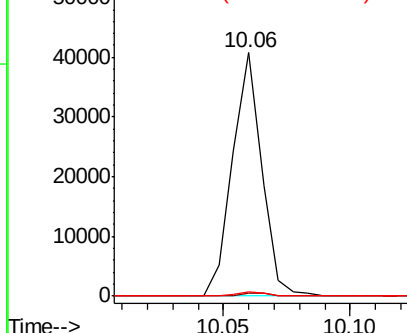


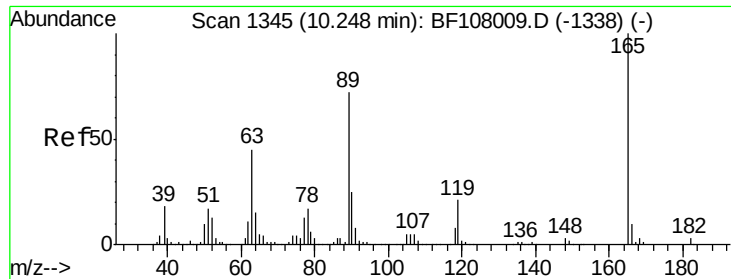
#50
2,6-Dinitrotoluene
Concen: 8.902 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

Tgt Ion:165 Resp: 32700
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.5 44.0 66.0#



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

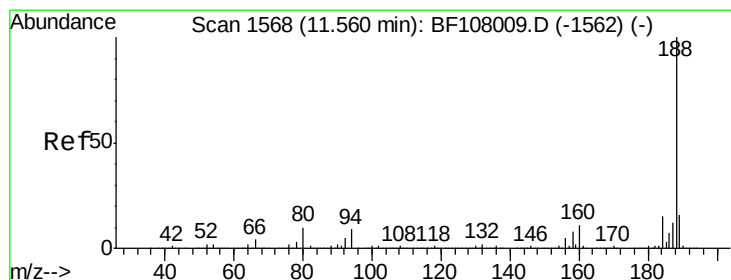
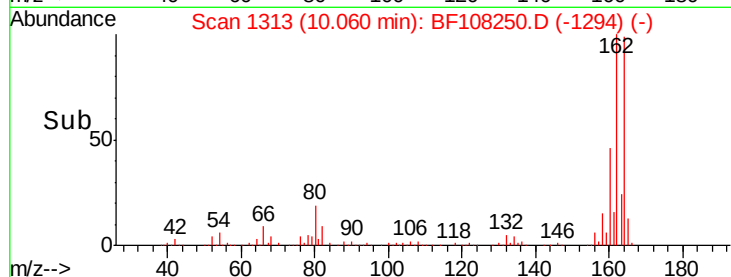
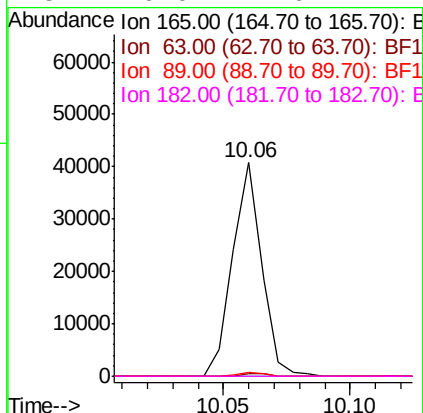
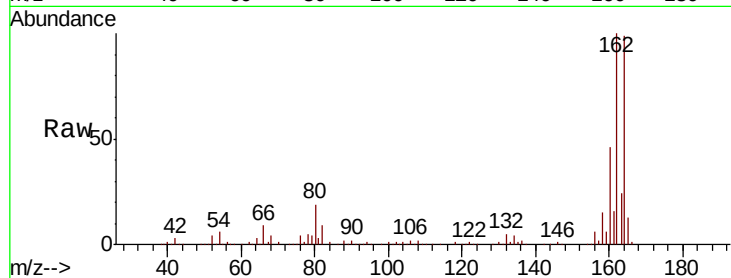




#56
 2,4-Dinitrotoluene
 Concen: 6.916 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108250.D
 Acq: 17 Aug 2018 18:27

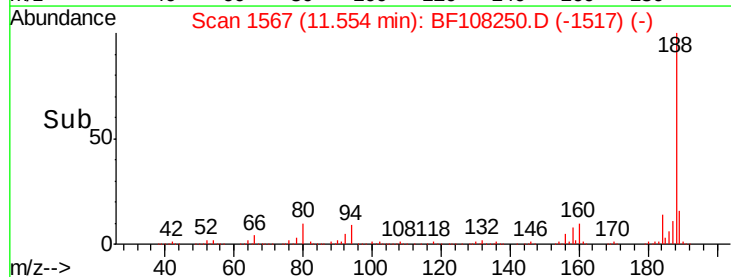
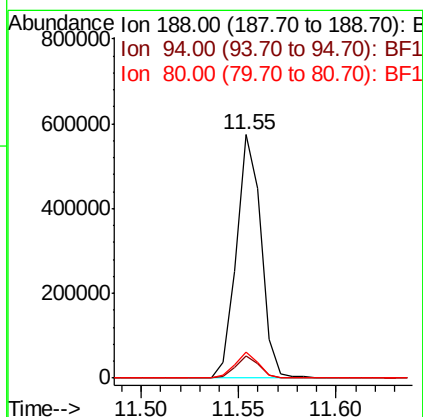
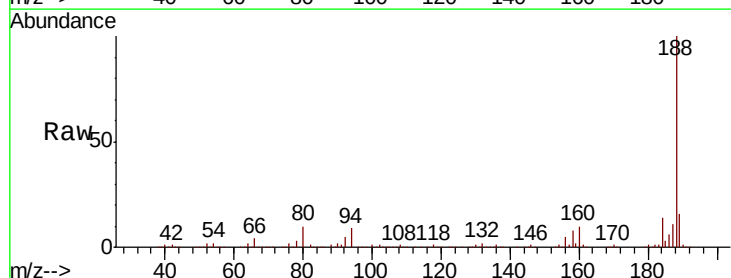
Instrument :
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 ClientSampleId :

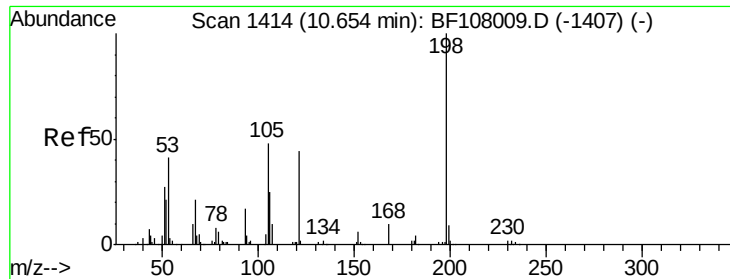
Tot Ion:165	Resp:	32700
Ion	Ratio	Lower Upper
165	100	
63	1.5	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108250.D
 Acq: 17 Aug 2018 18:27

Tgt Ion:188	Resp:	502941
Ion	Ratio	Lower Upper
188	100	
94	9.2	8.5 12.7
80	10.5	9.2 13.8

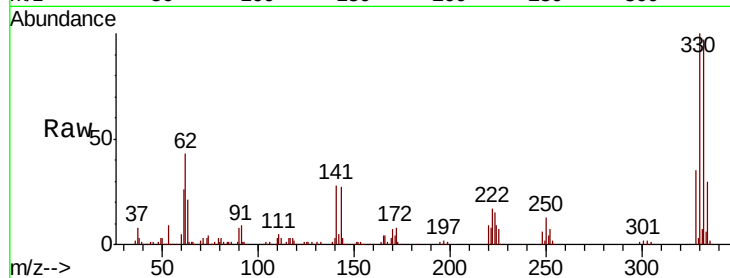




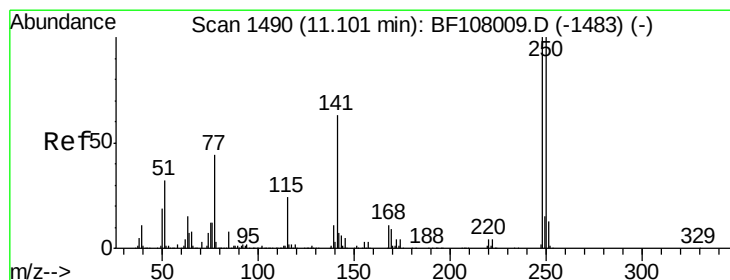
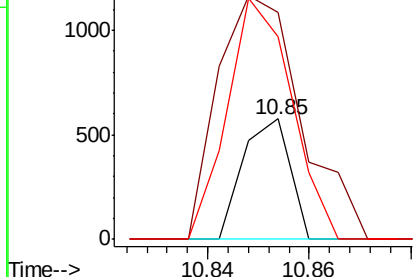
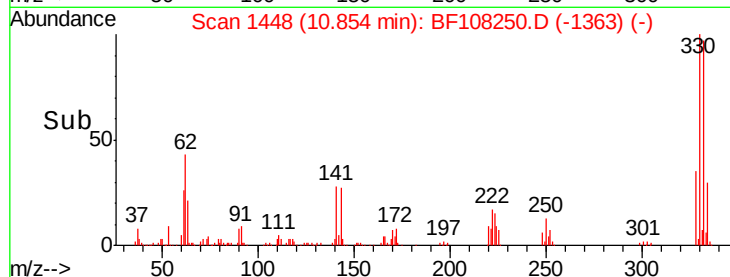
#64
4,6-Dinitro-2-methylphenol
Concen: 5.533 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 371
Ion Ratio Lower Upper
198 100
51 188.2 37.7 77.7#
105 168.5 36.3 76.3#

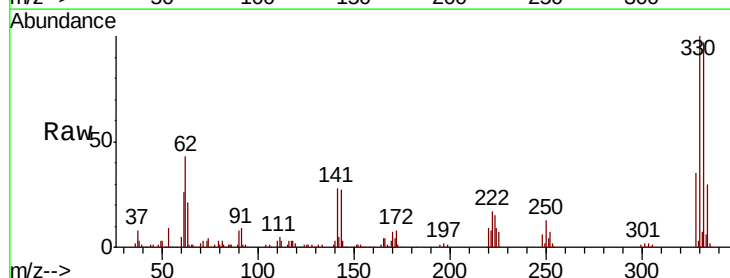


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

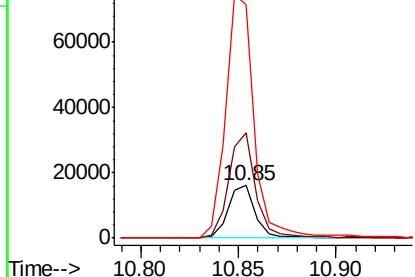
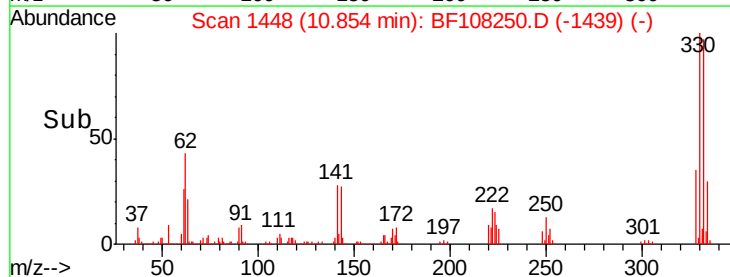


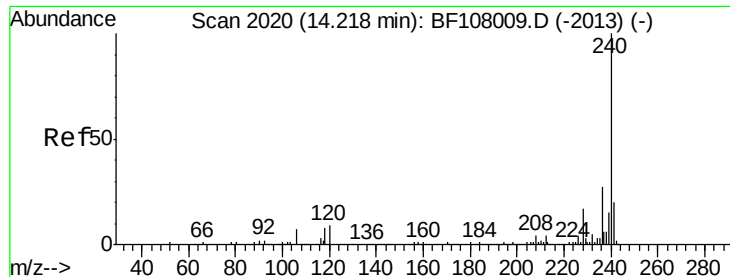
#66
4-Bromophenyl-phenylether
Concen: 2.845 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

Tgt Ion:248 Resp: 15550
Ion Ratio Lower Upper
248 100
250 200.2 76.9 115.3#
141 441.9 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: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108250.D

Acq: 17 Aug 2018 18:27

Instrument :

BNA_F

ClientSampleId :

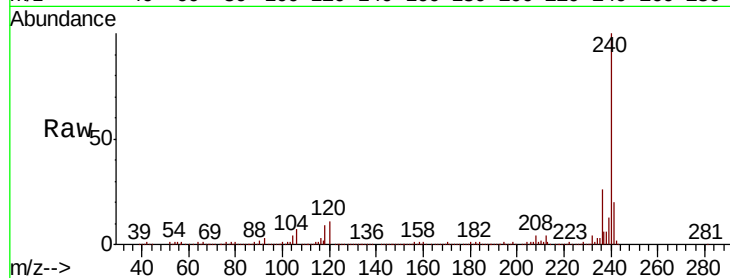
Tot Ion:240 Resp: 455086

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

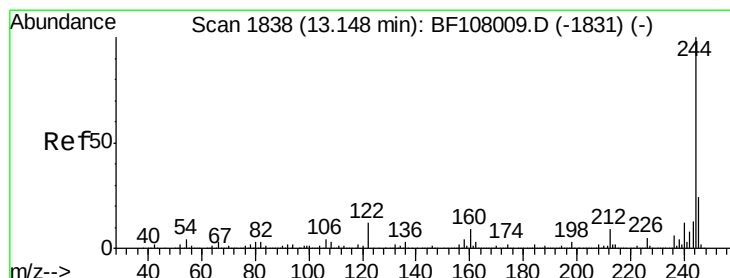
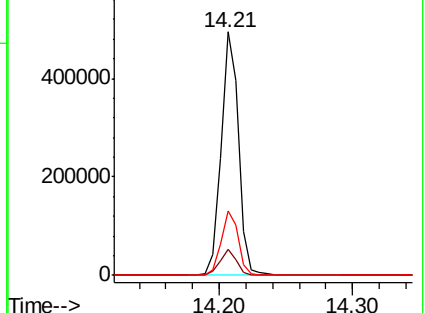
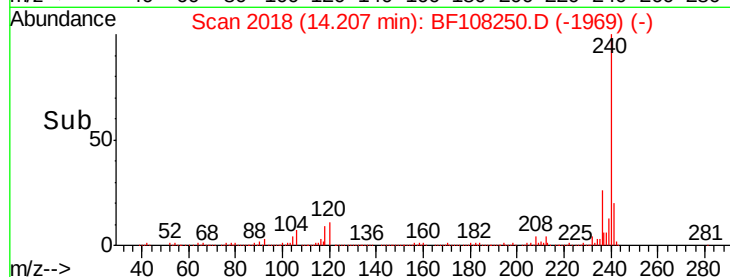
236 26.3 20.7 31.1



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: 62.833 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108250.D

Acq: 17 Aug 2018 18:27

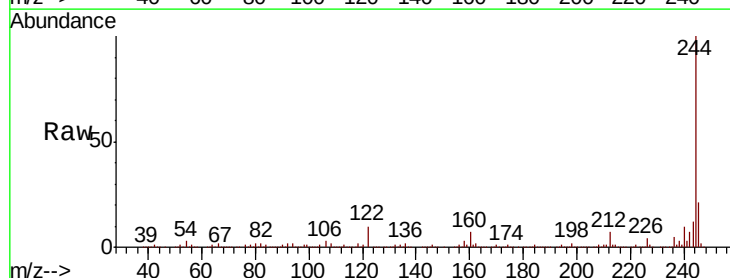
Tgt Ion:244 Resp: 1124620

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

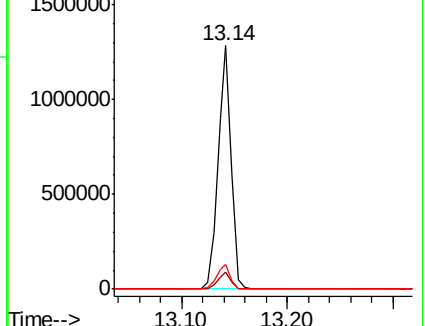
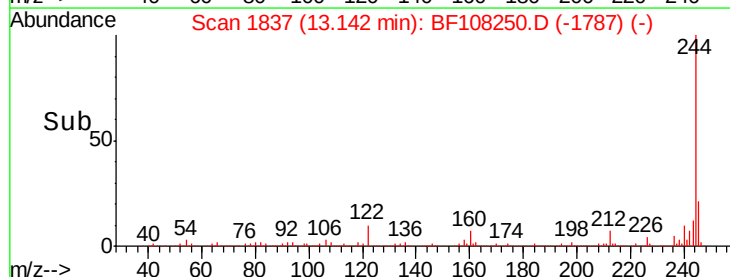
122 10.0 11.0 16.4#

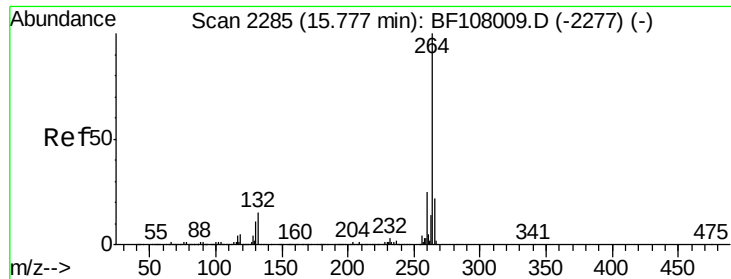


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108250.D
Acq: 17 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.3	17.5	26.3

