

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108126.D
 Acq On : 13 Aug 2018 19:48
 Operator : JU/SJ
 Sample : J4442-51
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-6

Quant Time: Aug 14 01:11:50 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

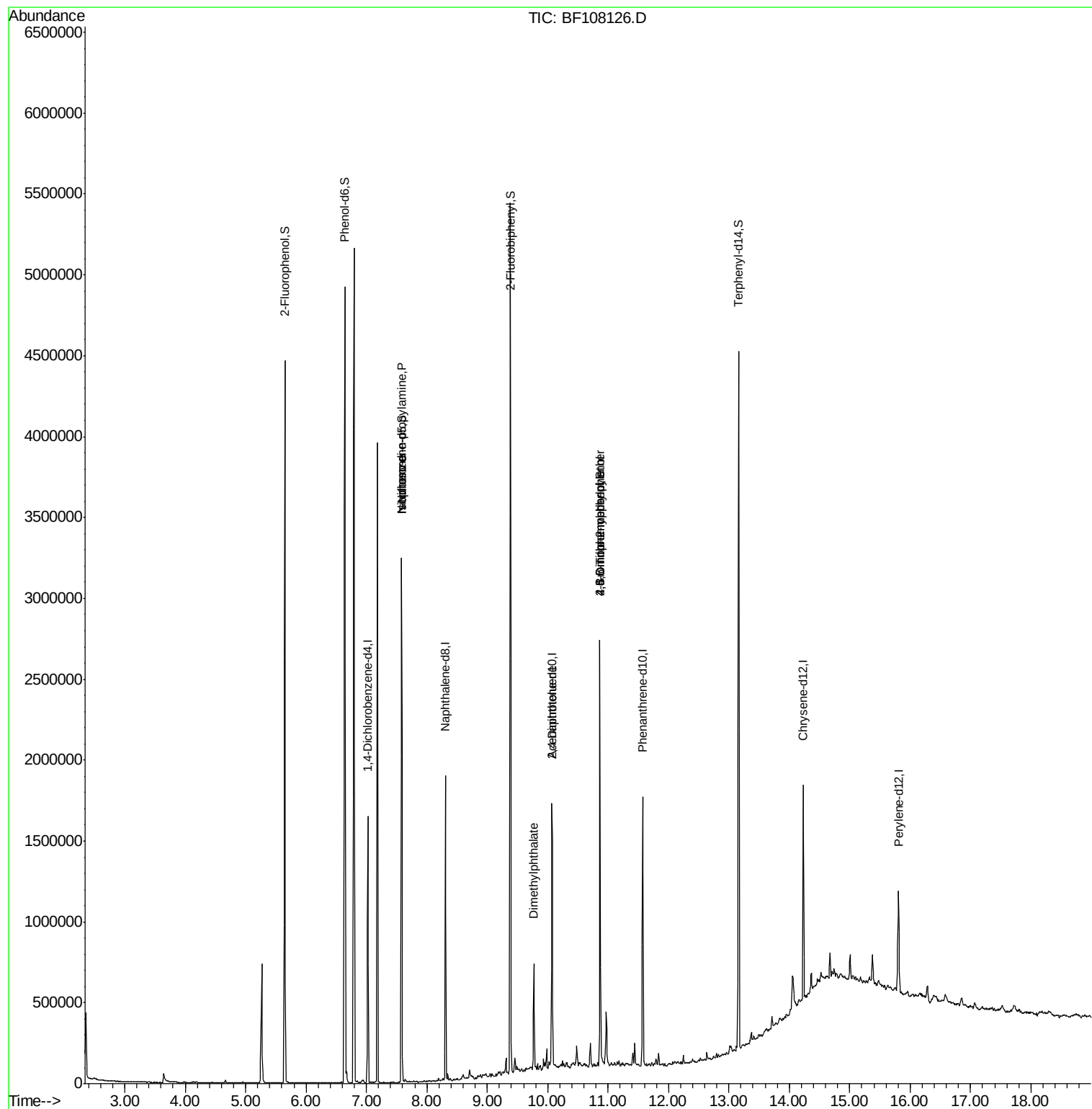
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	206686	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	717895	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	310506	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	573409	20.00	ng	0.01
75) Chrysene-d12	14.23	240	452125	20.00	ng	0.01
86) Perylene-d12	15.81	264	300504	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1195321	104.70	ng	0.02
7) Phenol-d6	6.64	99	1571903	103.61	ng	0.01
23) Nitrobenzene-d5	7.58	82	987561	76.76	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	320395	103.45	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1552916	80.29	ng	0.00
78) Terphenyl-d14	13.16	244	1502425	84.49	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	134653	13.125	ng	# 86
25) Isophorone	7.58	82	987547	40.273	ng	# 64
49) Dimethylphthalate	9.77	163	148460	6.864	ng	# 98
56) 2,4-Dinitrotoluene	10.07	165	40231	6.907	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.87	198	677	5.638	ng	# 1
66) 4-Bromophenyl-phenylether	10.87	248	21784	3.496	ng	# 1

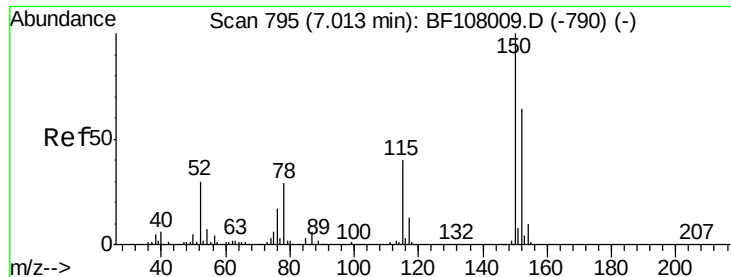
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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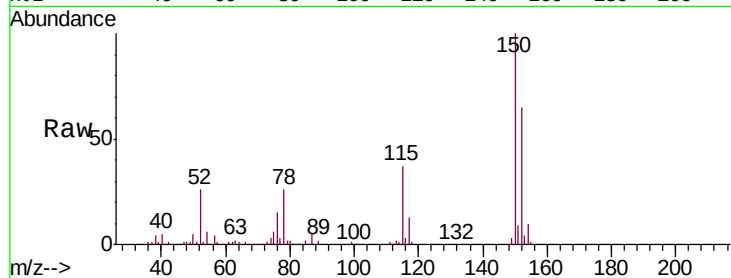


#1

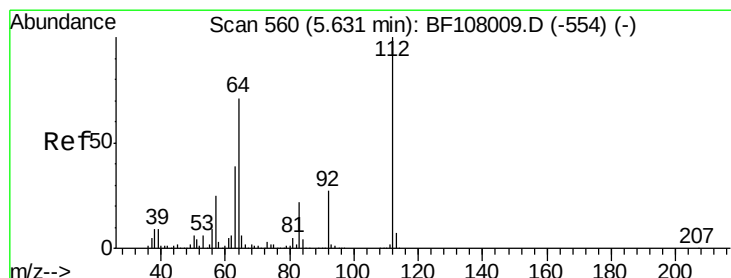
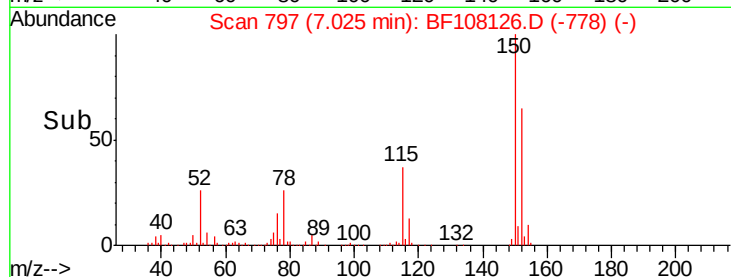
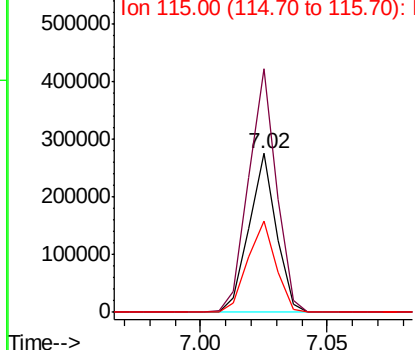
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108126.D
Acq: 13 Aug 2018 19:48

Instrument :
BNA_F
ClientSampled :
SP-1-6

Tgt Ion:152 Resp: 206686
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 57.1 50.1 75.1



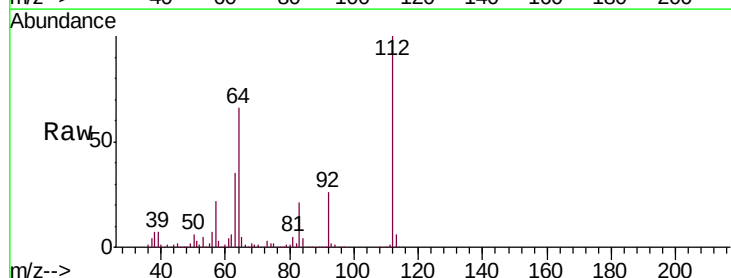
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



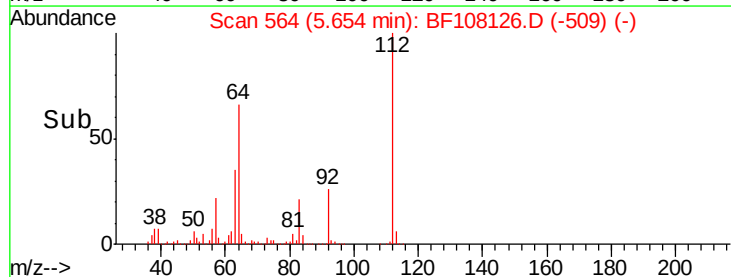
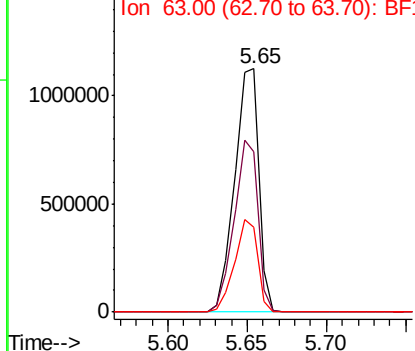
#5

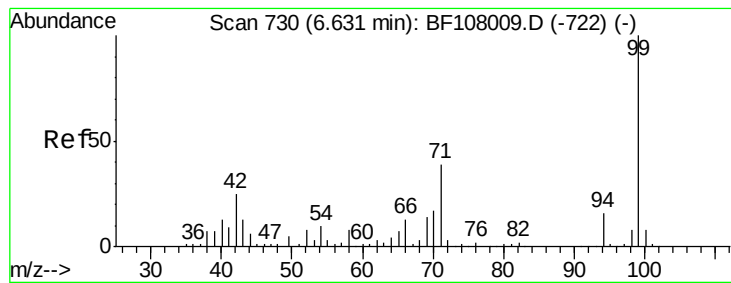
2-Fluorophenol
Concen: 104.703 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108126.D
Acq: 13 Aug 2018 19:48

Tgt Ion:112 Resp: 1195321
Ion Ratio Lower Upper
112 100
64 65.6 47.9 71.9
63 35.1 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: 103.615 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108126.D

Acq: 13 Aug 2018 19:48

Instrument :

BNA_F

ClientSampleId :

SP-1-6

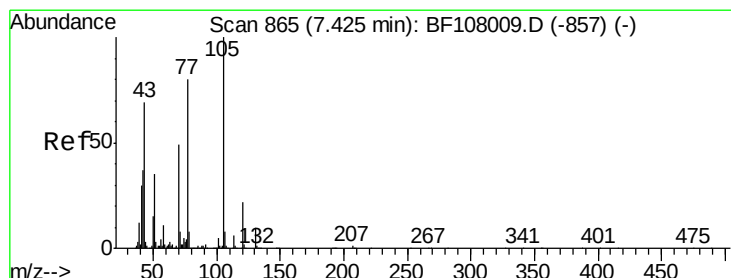
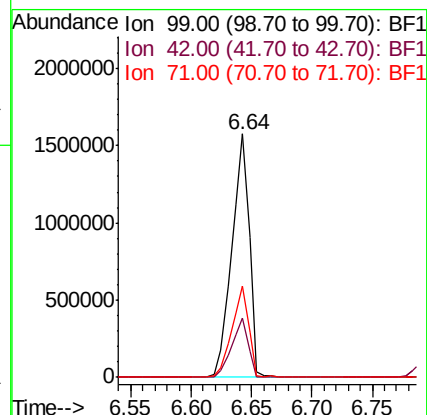
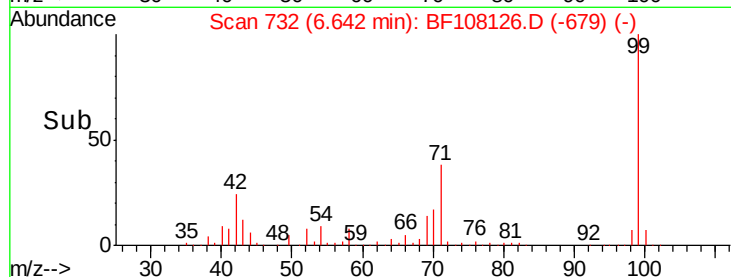
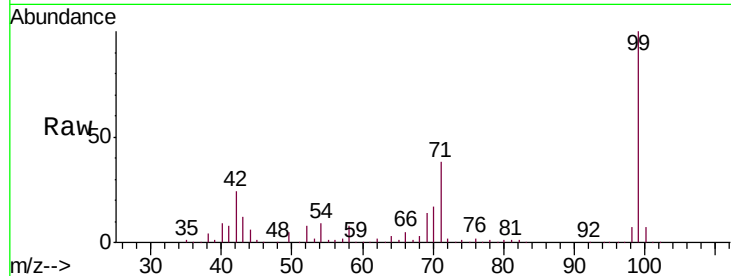
Tgt Ion: 99 Resp: 1571903

Ion Ratio Lower Upper

99 100

42 24.1 14.5 21.7#

71 37.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.125 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.16 min

Lab File: BF108126.D

Acq: 13 Aug 2018 19:48

Tgt Ion: 70 Resp: 134653

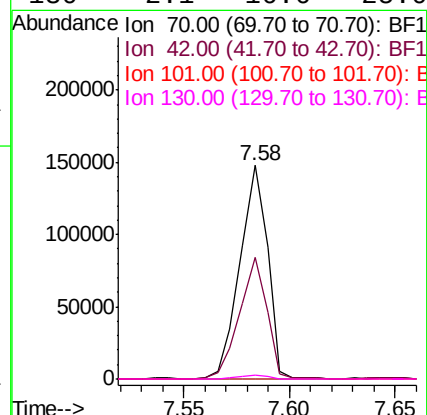
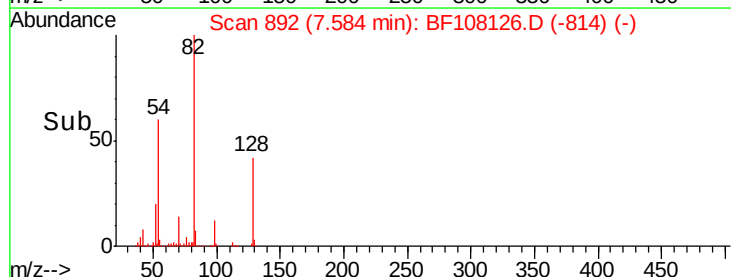
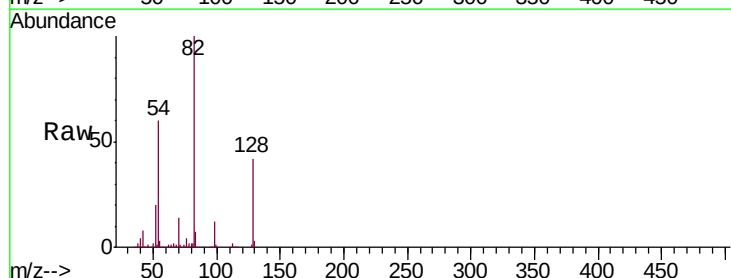
Ion Ratio Lower Upper

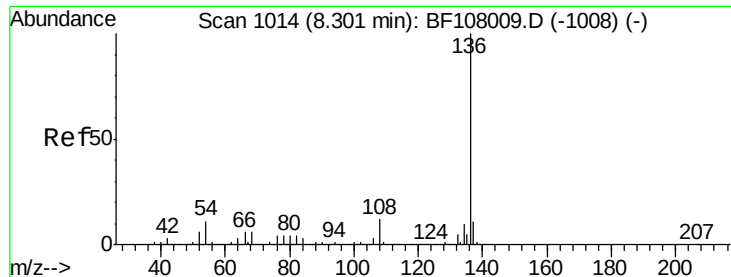
70 100

42 56.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

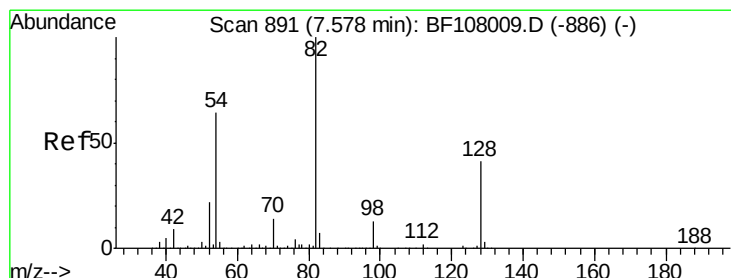
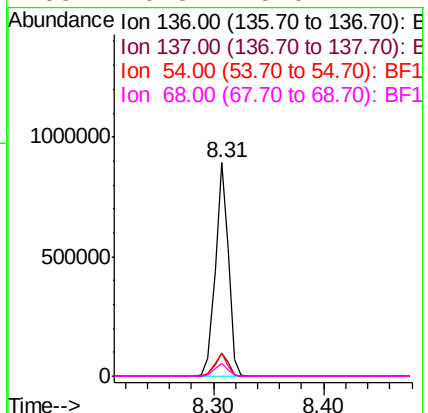
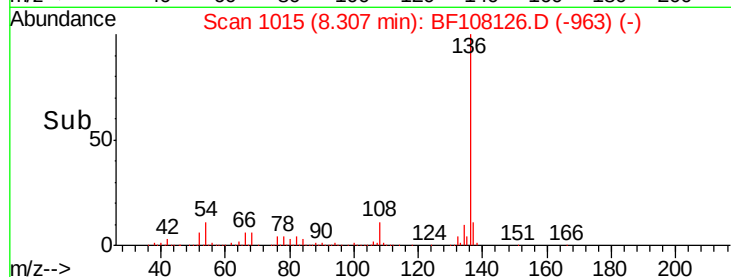
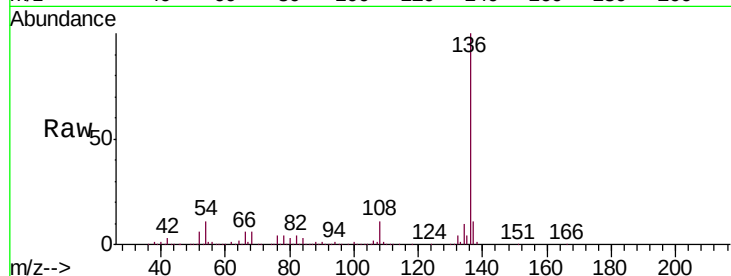




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108126.D
Acq: 13 Aug 2018 19:48

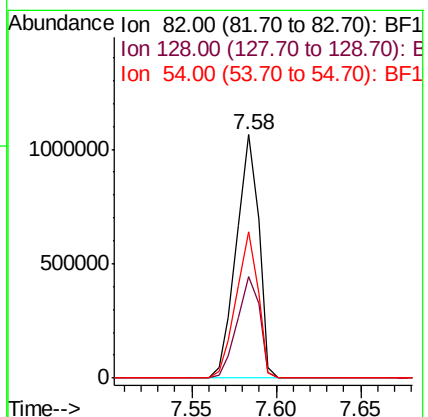
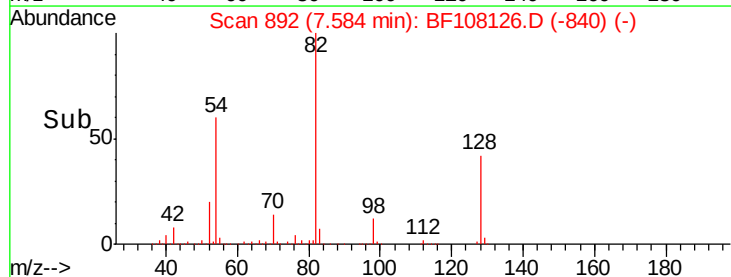
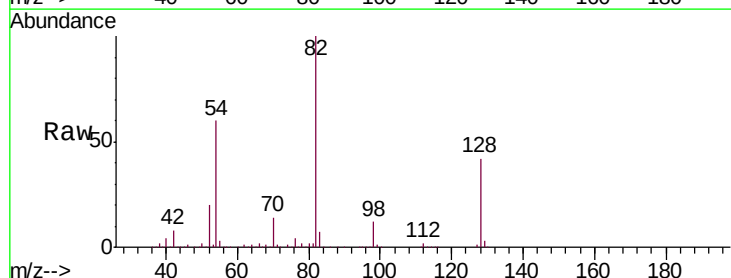
Instrument :
BNA_F
ClientSampleId :
SP-1-6

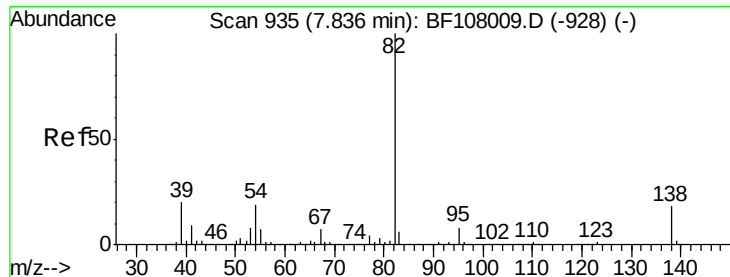
Tgt Ion:	136	Resp:	717895
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.6	6.6	9.8#
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 76.762 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108126.D
Acq: 13 Aug 2018 19:48

Tgt Ion:	82	Resp:	987561
Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	60.1	41.4	62.2





#25

Isophorone

Concen: 40.273 ng

RT: 7.58 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF108126.D

Acq: 13 Aug 2018 19:48

Instrument :

BNA_F

ClientSampled :

SP-1-6

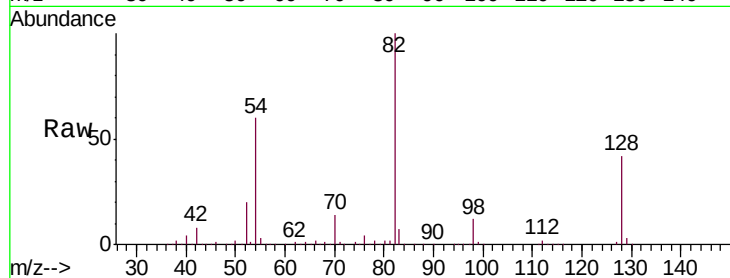
Tgt Ion: 82 Resp: 987547

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

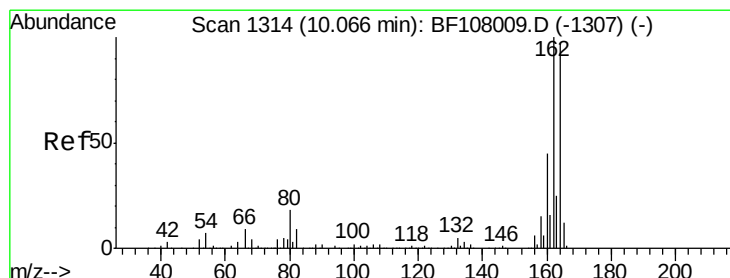
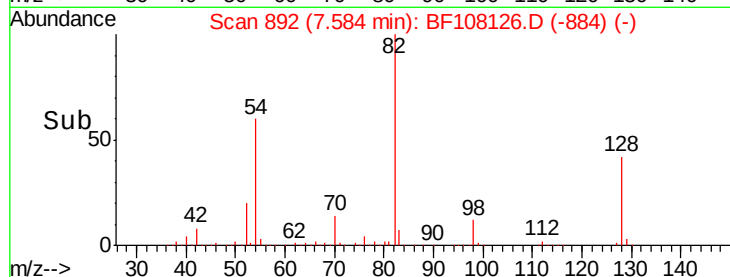
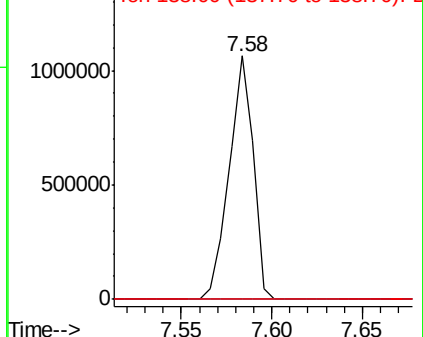
138 0.0 14.9 22.3#



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: 10.07 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF108126.D

Acq: 13 Aug 2018 19:48

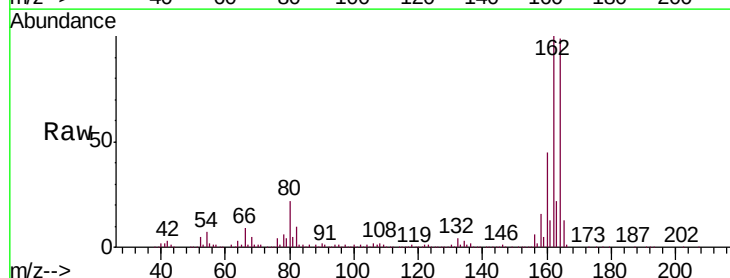
Tgt Ion: 164 Resp: 310506

Ion Ratio Lower Upper

164 100

162 101.0 86.1 129.1

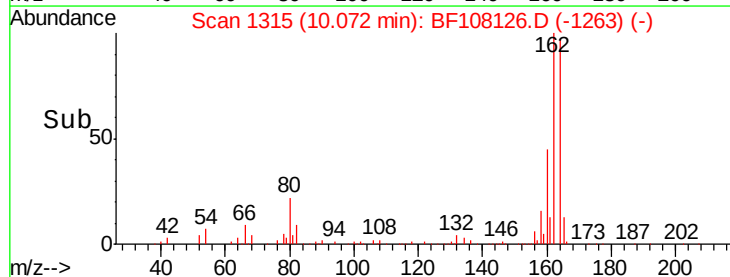
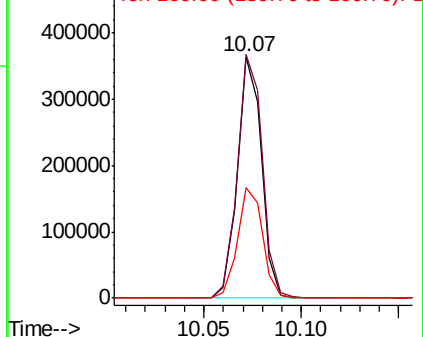
160 45.7 38.3 57.5

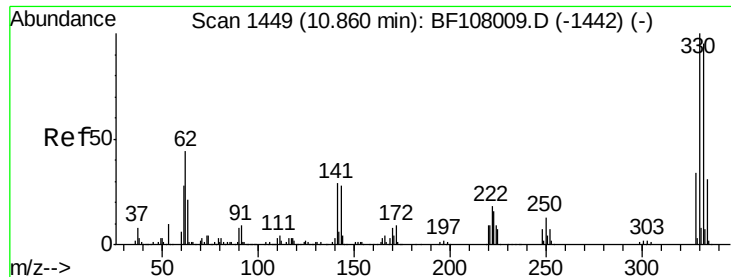


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

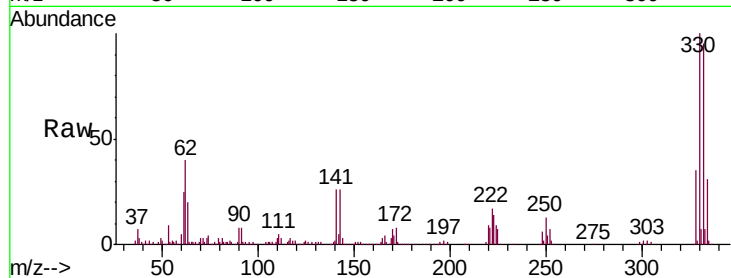




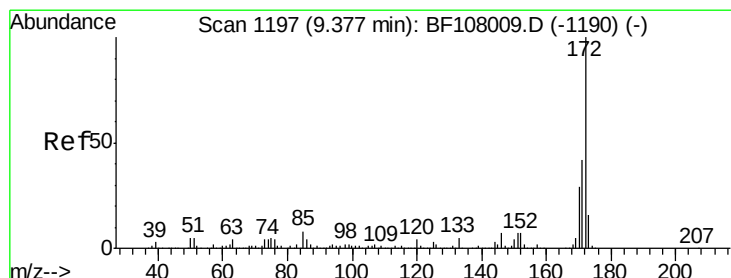
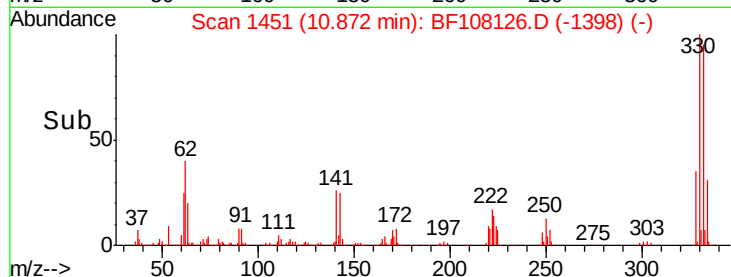
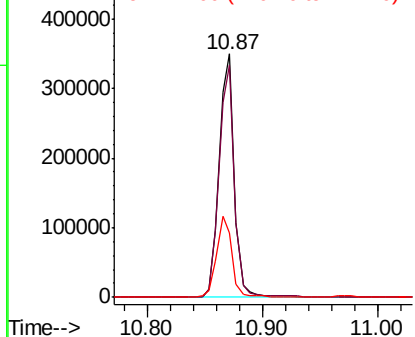
#41
 2,4,6-Tribromophenol
 Concen: 103.446 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF108126.D
 Acq: 13 Aug 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-6

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.9	29.9	44.9

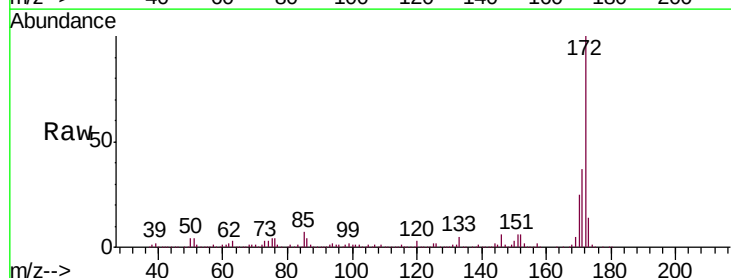


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

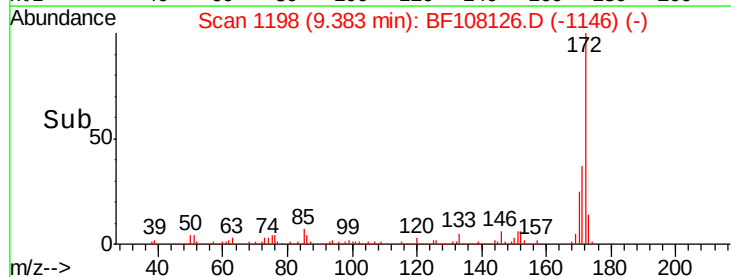
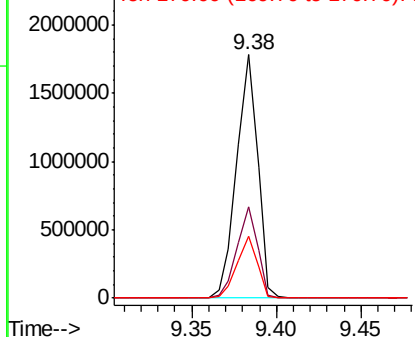


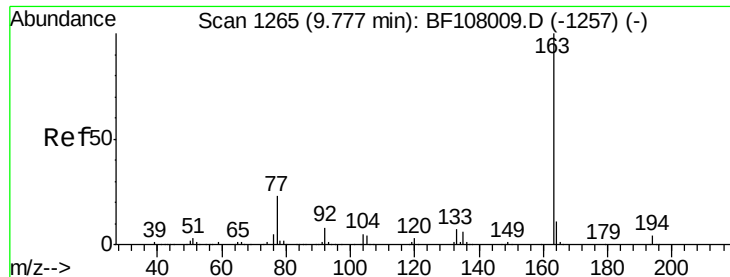
#44
 2-Fluorobiphenyl
 Concen: 80.293 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108126.D
 Acq: 13 Aug 2018 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.3	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

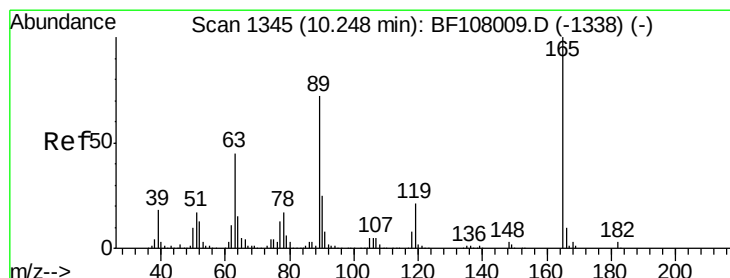
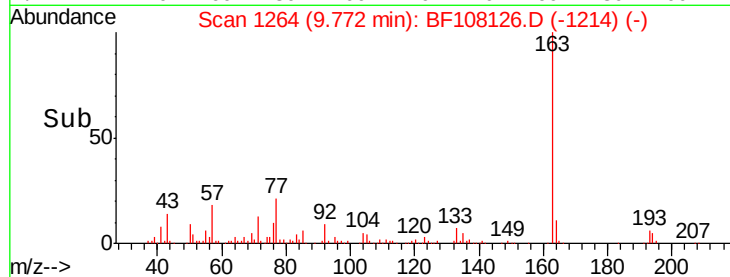
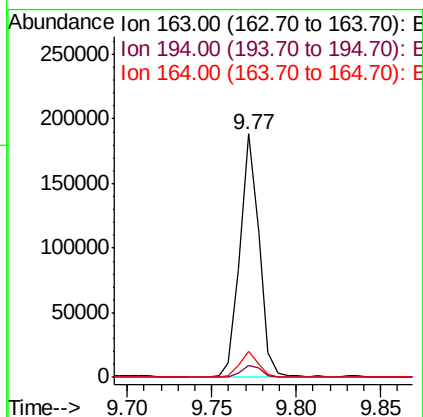
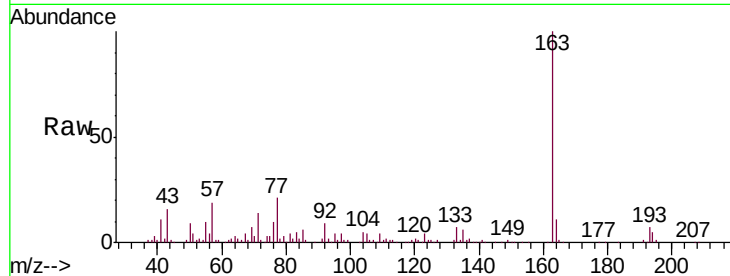




#49
 Dimethylphthalate
 Concen: 6.864 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF108126.D
 Acq: 13 Aug 2018 19:48

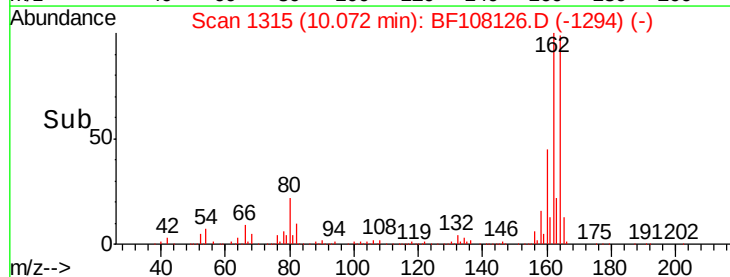
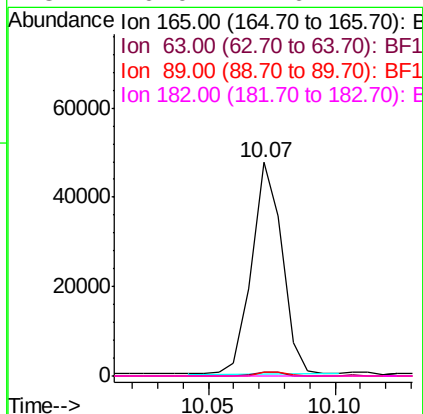
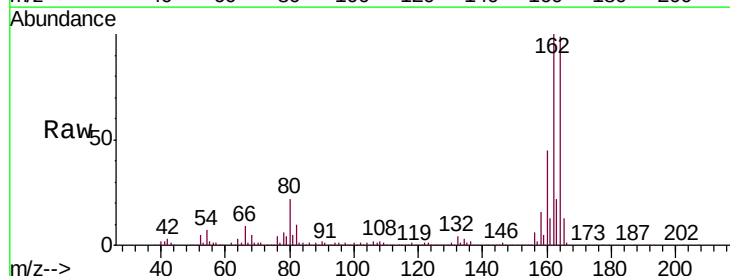
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-6

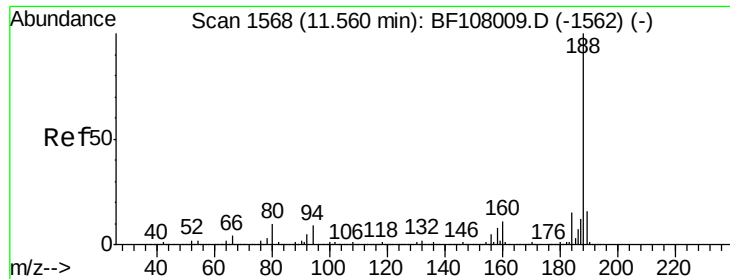
Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	2.7	4.1#
164	10.6	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.907 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.18 min
 Lab File: BF108126.D
 Acq: 13 Aug 2018 19:48

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

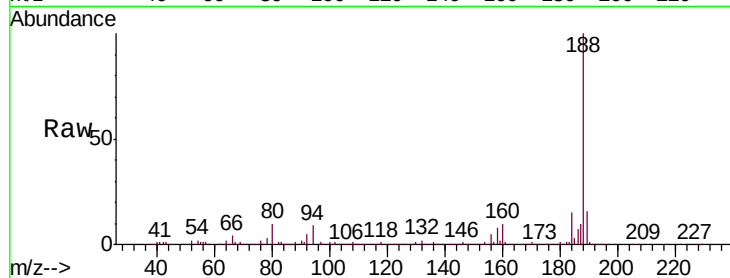




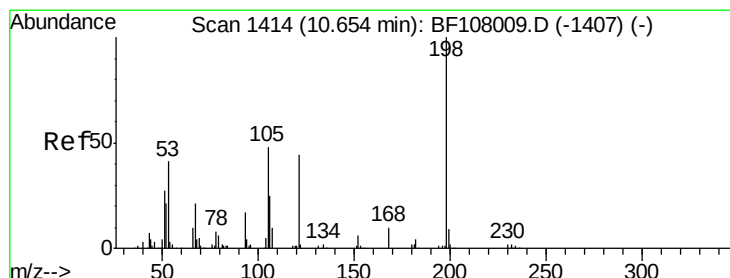
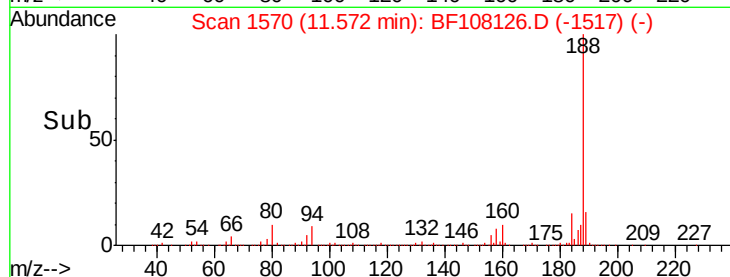
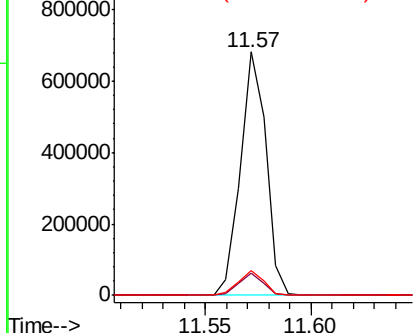
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108126.D
Acq: 13 Aug 2018 19:48

Instrument :
BNA_F
ClientSampleId :
SP-1-6

Tgt Ion:188 Resp: 573409
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.1 9.2 13.8

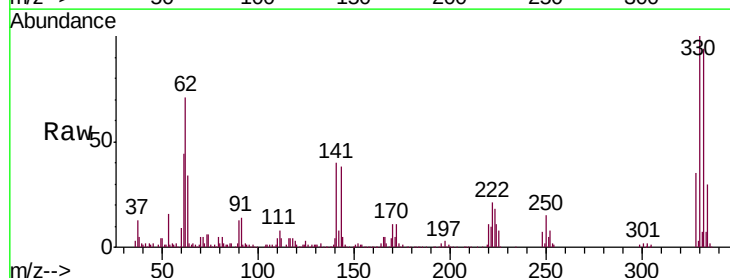


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

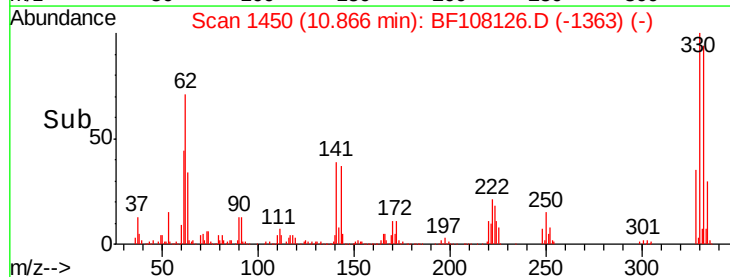
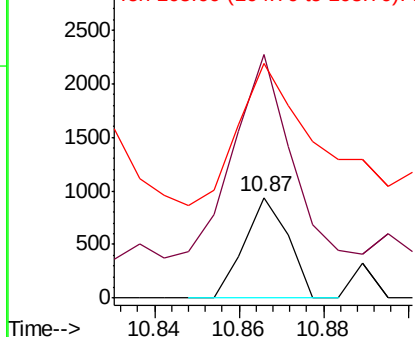


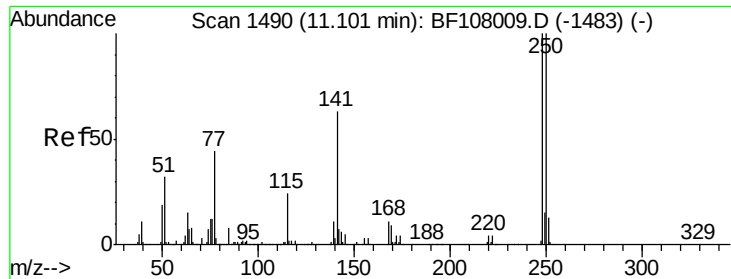
#64
4,6-Dinitro-2-methylphenol
Concen: 5.638 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.21 min
Lab File: BF108126.D
Acq: 13 Aug 2018 19:48

Tgt Ion:198 Resp: 677
Ion Ratio Lower Upper
198 100
51 242.4 37.7 77.7#
105 233.3 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

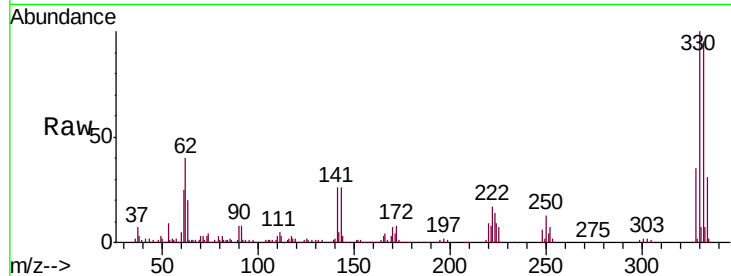




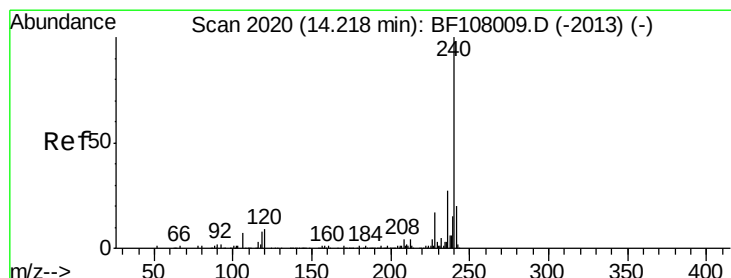
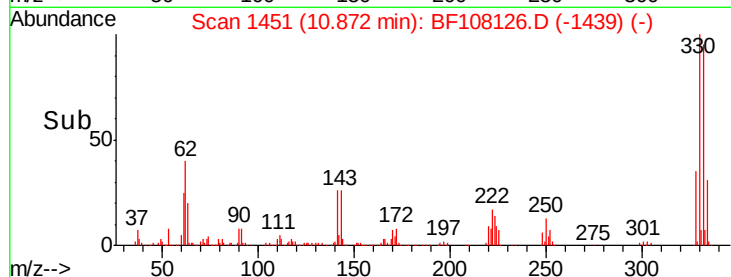
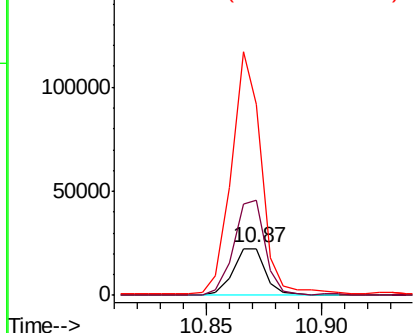
#66
 4-Bromophenyl-phenylether
 Concen: 3.496 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. -0.23 min
 Lab File: BF108126.D
 Acq: 13 Aug 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-6

Tgt Ion:248 Resp: 21784
 Ion Ratio Lower Upper
 248 100
 250 203.8 76.9 115.3#
 141 411.0 74.4 111.6#

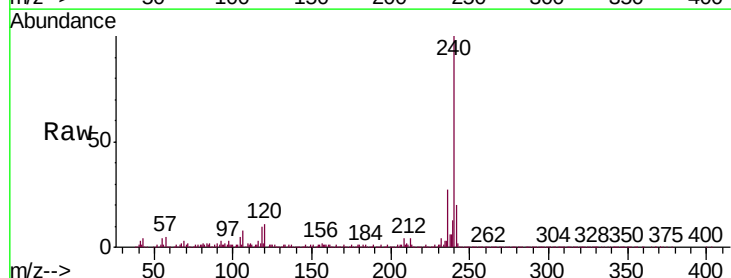


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

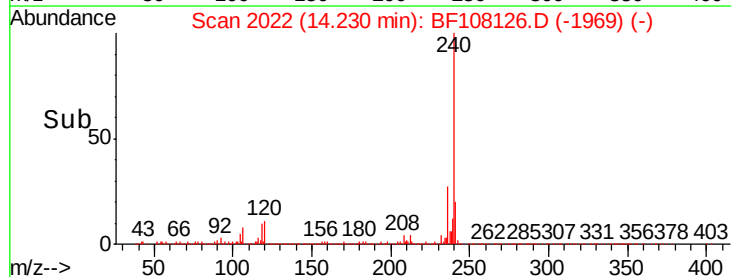
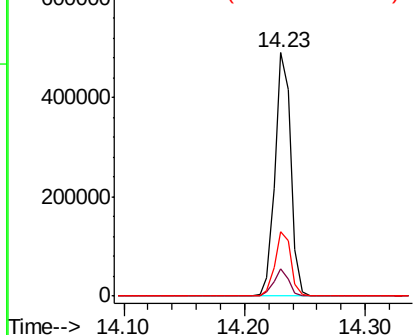


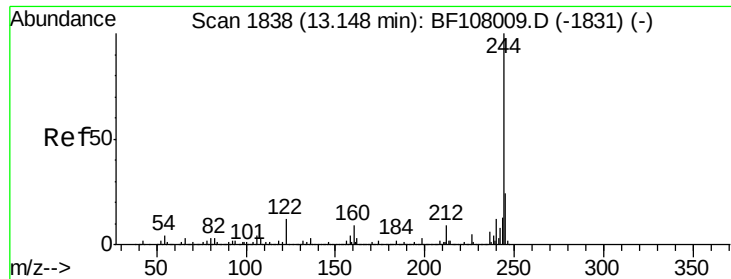
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF108126.D
 Acq: 13 Aug 2018 19:48

Tgt Ion:240 Resp: 452125
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.5 14.3
 236 26.6 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: 84.490 ng

RT: 13.16 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF108126.D

Acq: 13 Aug 2018 19:48

Instrument :

BNA_F

ClientSampleId :

SP-1-6

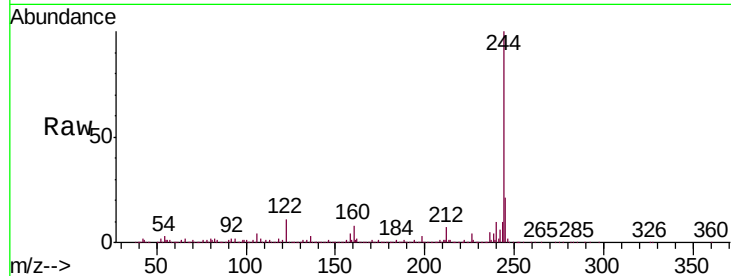
Tgt Ion:244 Resp: 1502425

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

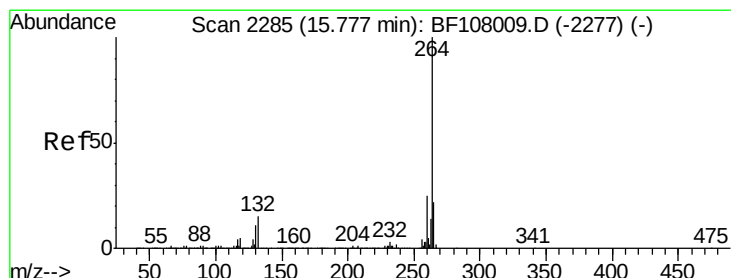
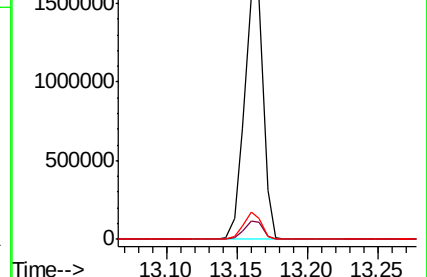
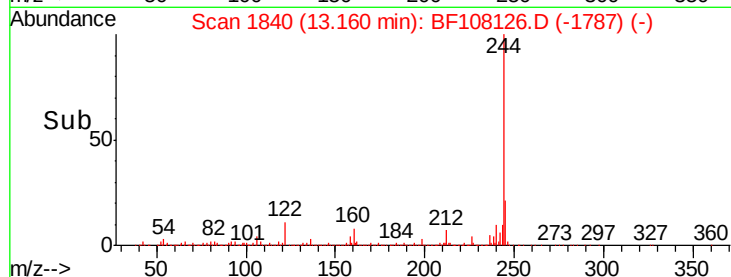
122 11.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.81 min Scan# 2291

Delta R.T. 0.04 min

Lab File: BF108126.D

Acq: 13 Aug 2018 19:48

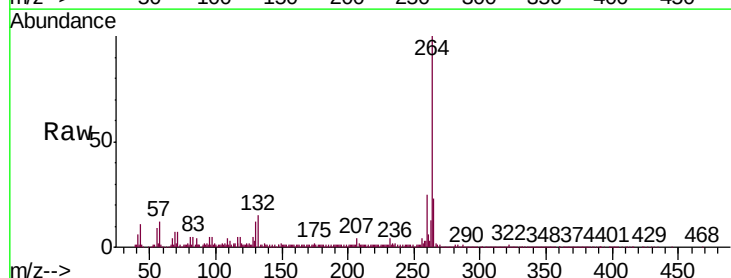
Tgt Ion:264 Resp: 300504

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.5 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

