

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108125.D
 Acq On : 13 Aug 2018 19:21
 Operator : JU/SJ
 Sample : J4442-41
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-5

Quant Time: Aug 14 01:11:38 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

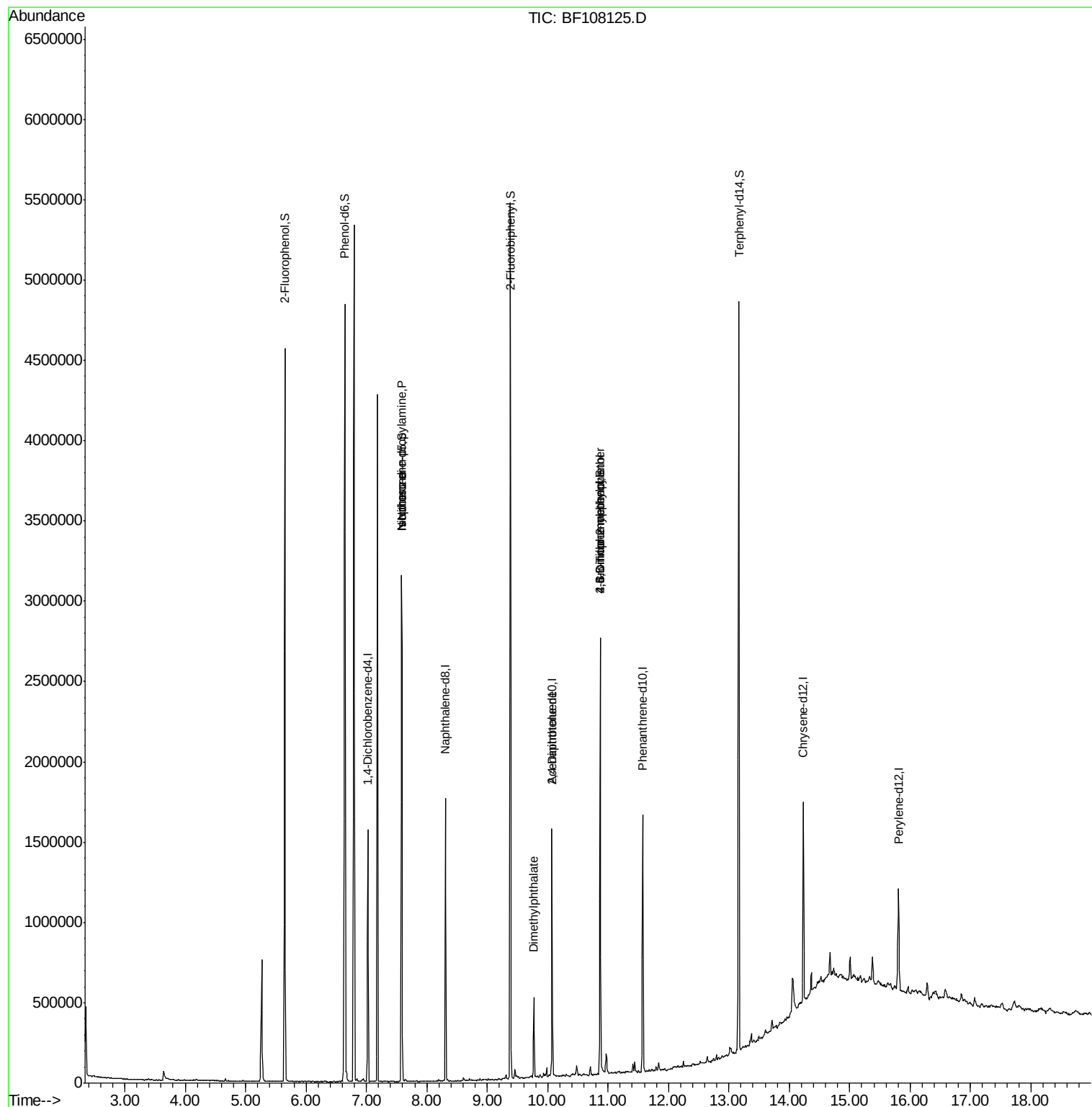
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	200503	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	680680	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	297862	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	565311	20.00	ng	0.01
75) Chrysene-d12	14.23	240	450740	20.00	ng	0.01
86) Perylene-d12	15.81	264	301977	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1232570	111.30	ng	0.02
7) Phenol-d6	6.64	99	1607503	109.23	ng	0.01
23) Nitrobenzene-d5	7.58	82	1002848	82.21	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	342545	115.29	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1560924	84.13	ng	0.00
78) Terphenyl-d14	13.17	244	1603877	90.47	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	137341	13.800	ng	# 85
25) Isophorone	7.58	82	1002833	43.132	ng	# 64
49) Dimethylphthalate	9.77	163	149896	7.224	ng	# 99
56) 2,4-Dinitrotoluene	10.07	165	39489	7.067	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.87	198	792	5.690	ng	# 1
66) 4-Bromophenyl-phenylether	10.87	248	22458	3.656	ng	# 1

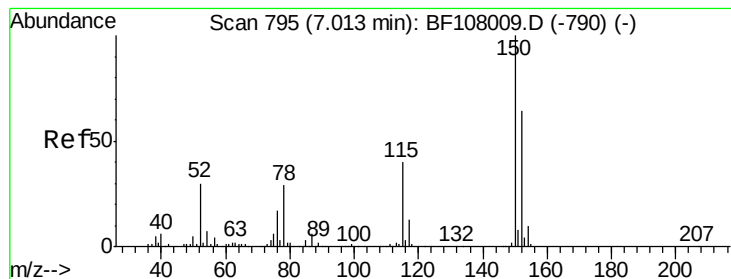
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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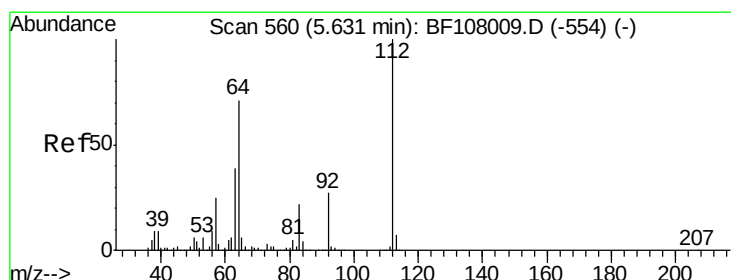
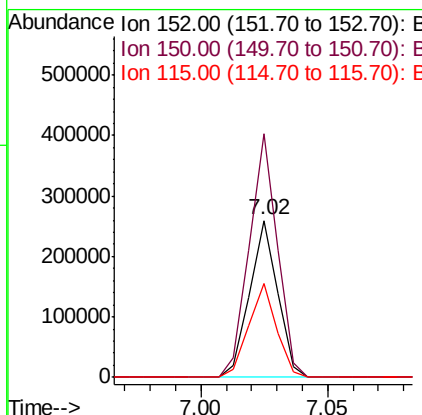
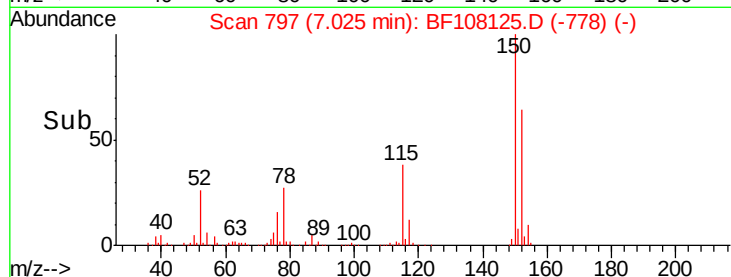
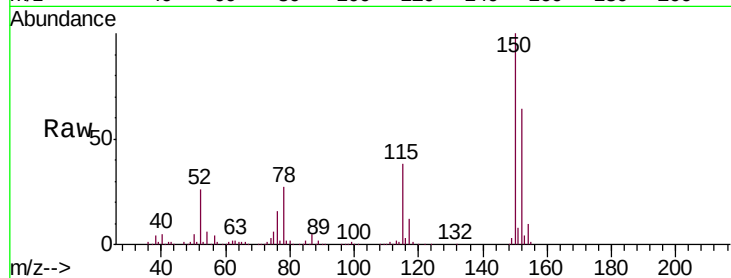


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108125.D
Acq: 13 Aug 2018 19:21

Instrument :
BNA_F
ClientSampleId :
SP-1-5

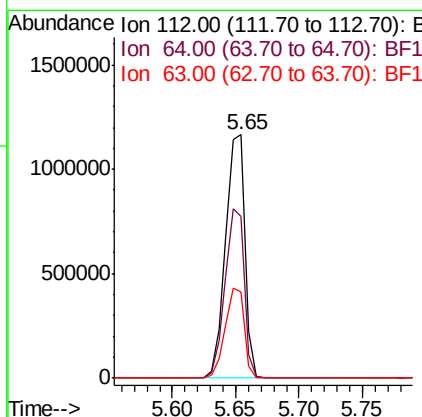
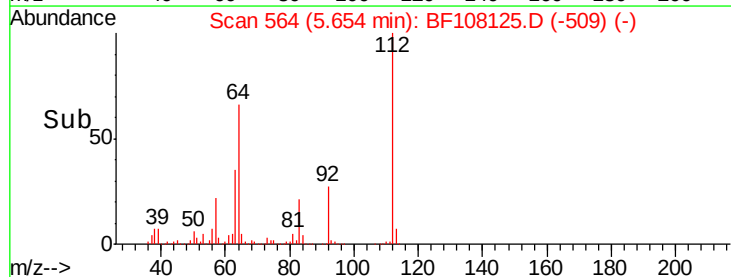
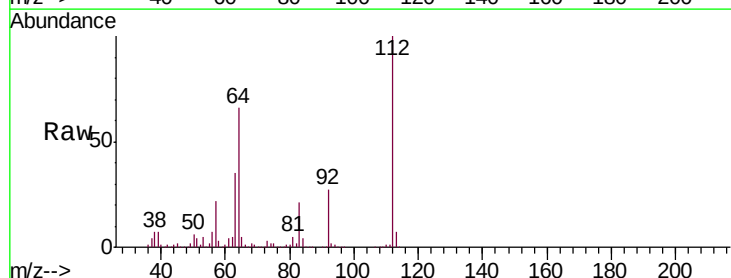
Tgt Ion:152 Resp: 200503
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 59.7 50.1 75.1

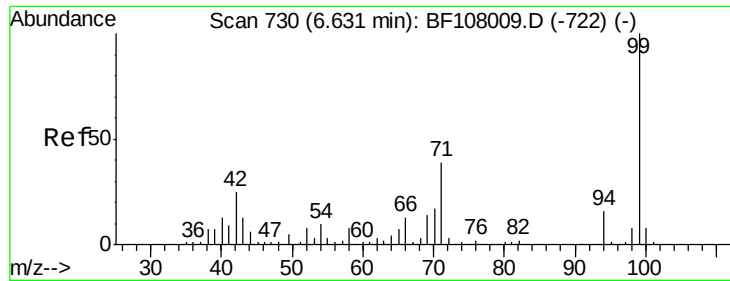


#5

2-Fluorophenol
Concen: 111.296 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108125.D
Acq: 13 Aug 2018 19:21

Tgt Ion:112 Resp: 1232570
Ion Ratio Lower Upper
112 100
64 66.4 47.9 71.9
63 35.5 23.7 35.5





#7

Phenol-d6

Concen: 109.229 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108125.D

Acq: 13 Aug 2018 19:21

Instrument :

BNA_F

ClientSampleId :

SP-1-5

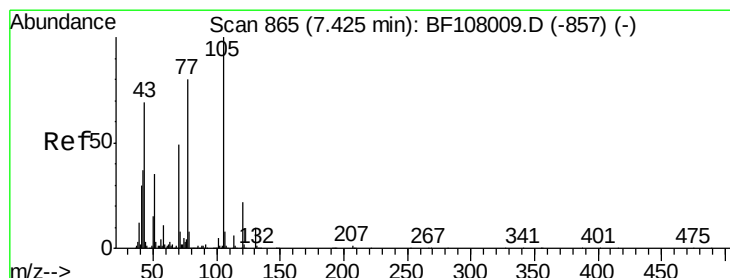
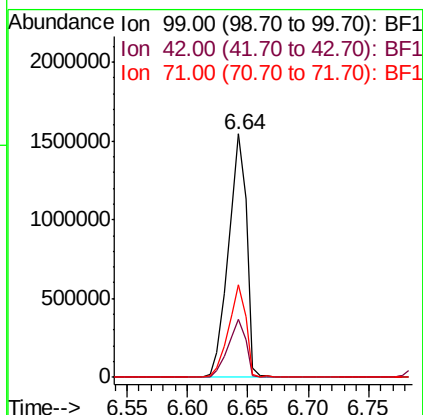
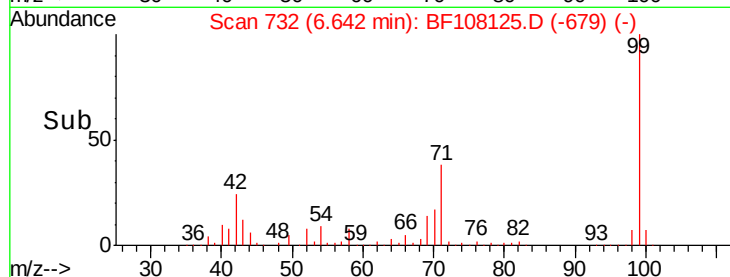
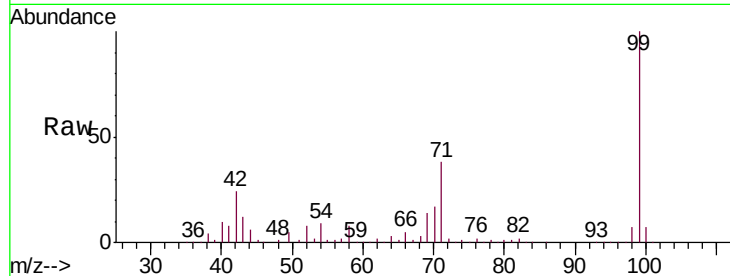
Tgt Ion: 99 Resp: 1607503

Ion Ratio Lower Upper

99 100

42 23.9 14.5 21.7#

71 38.1 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 13.800 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.16 min

Lab File: BF108125.D

Acq: 13 Aug 2018 19:21

Tgt Ion: 70 Resp: 137341

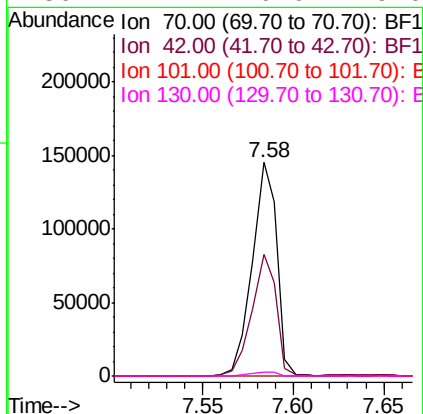
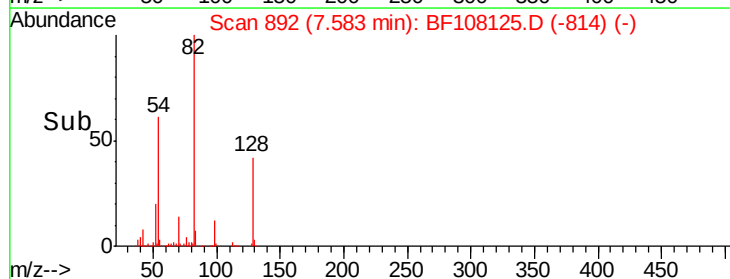
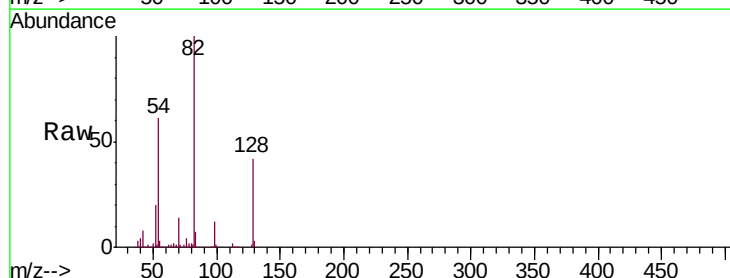
Ion Ratio Lower Upper

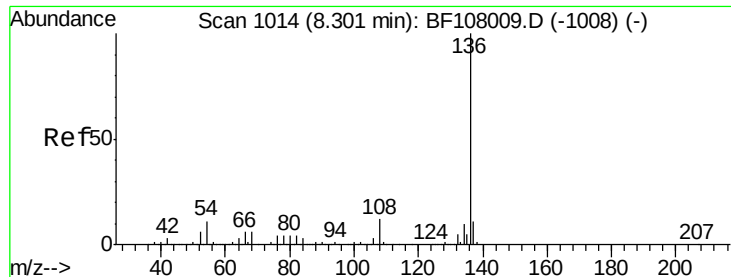
70 100

42 56.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

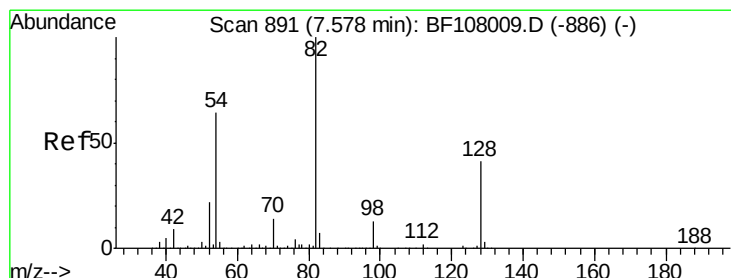
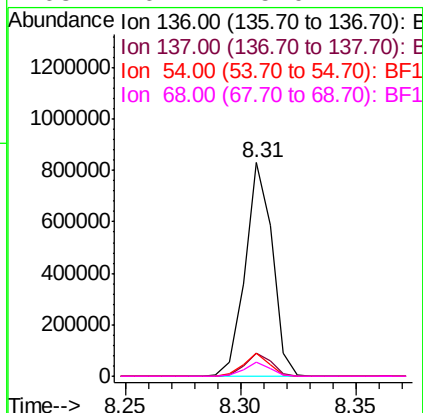
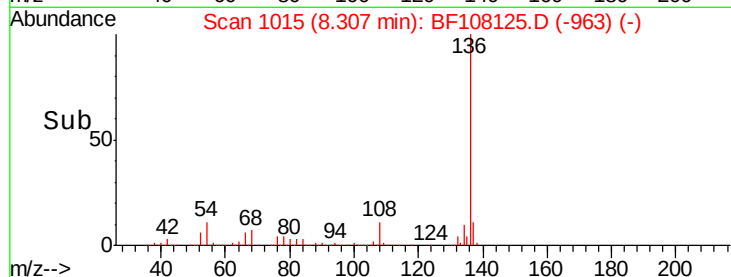
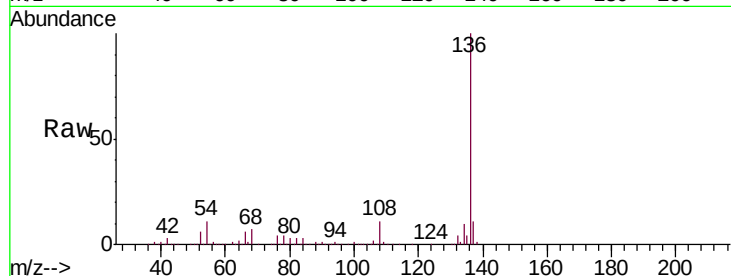




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108125.D
Acq: 13 Aug 2018 19:21

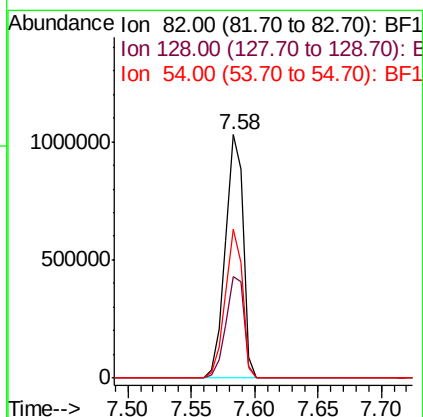
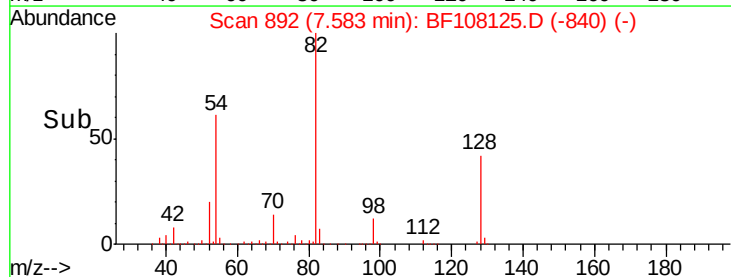
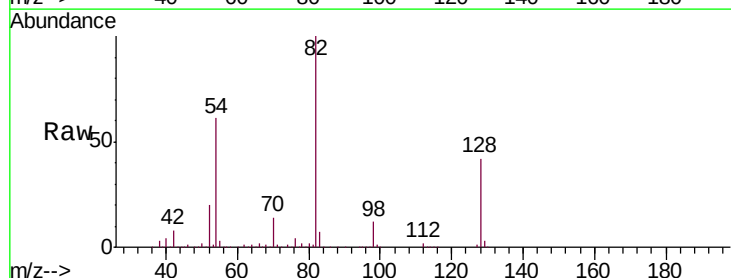
Instrument :
BNA_F
ClientSampleId :
SP-1-5

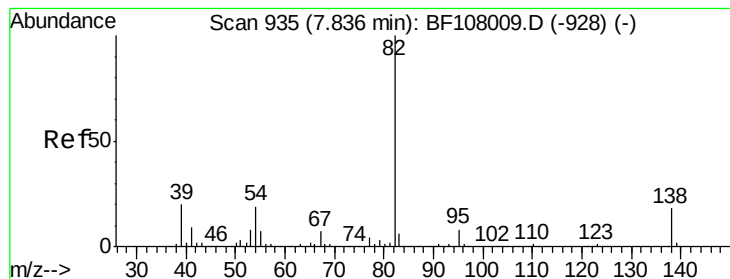
Tgt Ion:	136	Resp:	680680
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.7	6.6	9.8#
68	6.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 82.212 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108125.D
Acq: 13 Aug 2018 19:21

Tgt Ion:	82	Resp:	1002848
Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	61.1	41.4	62.2





#25

Isophorone

Concen: 43.132 ng

RT: 7.58 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF108125.D

Acq: 13 Aug 2018 19:21

Instrument :

BNA_F

ClientSampled :

SP-1-5

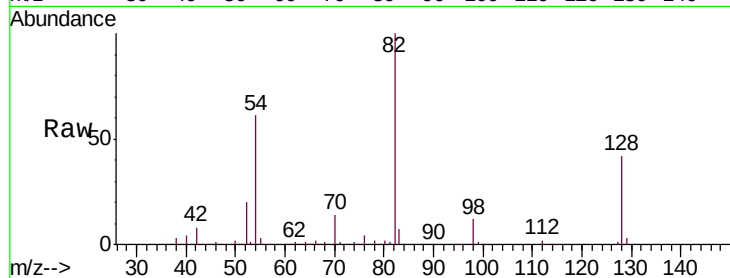
Tgt Ion: 82 Resp: 1002833

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

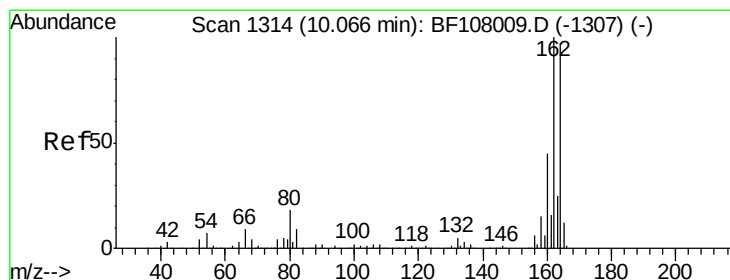
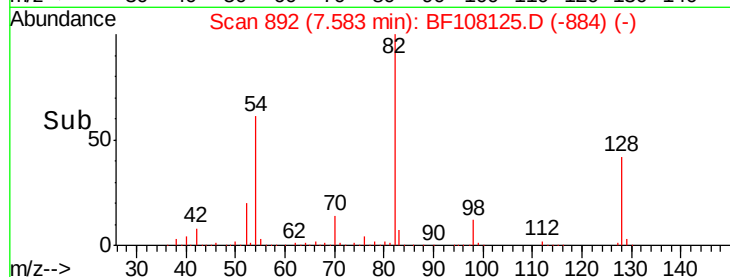
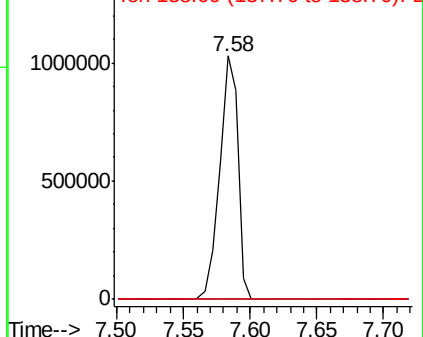
138 0.0 14.9 22.3#



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: BF108125.D

Acq: 13 Aug 2018 19:21

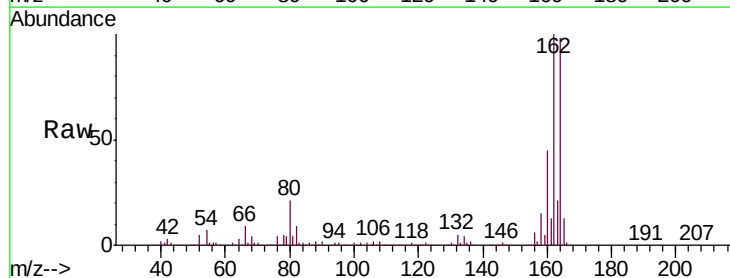
Tgt Ion: 164 Resp: 297862

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

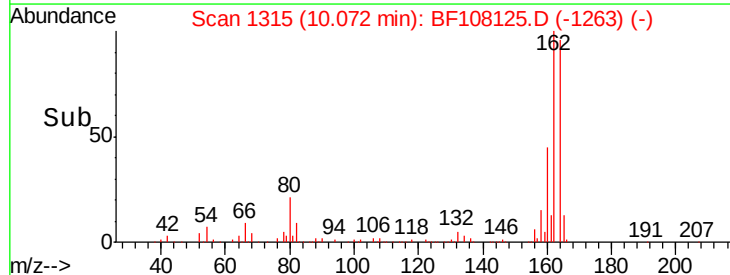
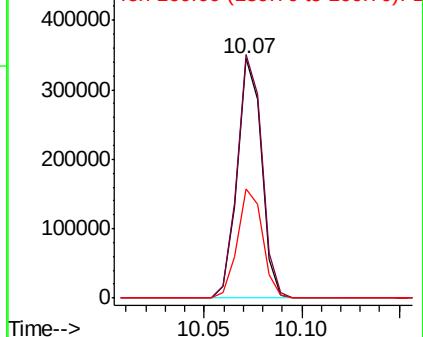
160 45.6 38.3 57.5

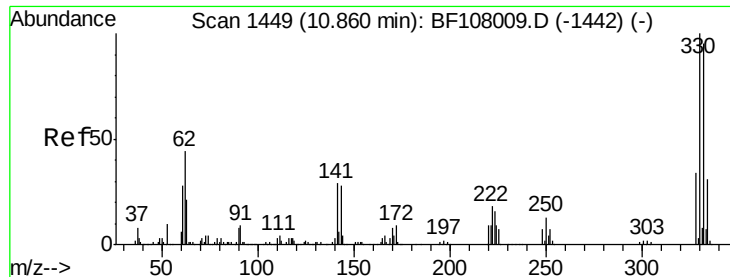


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

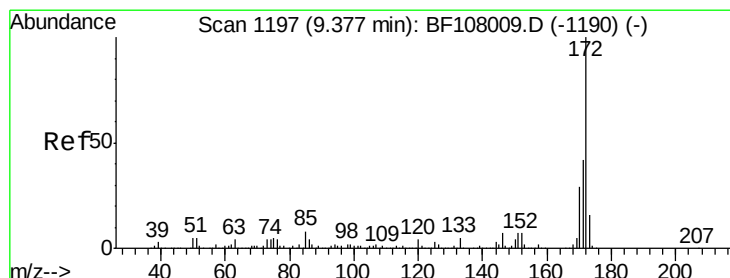
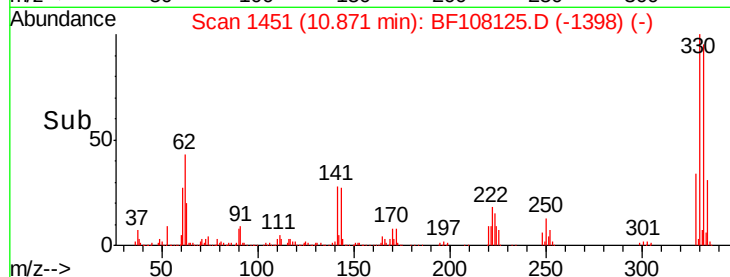
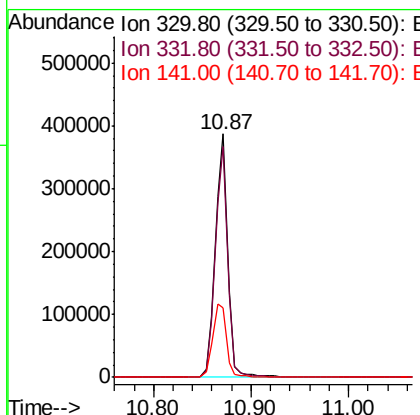
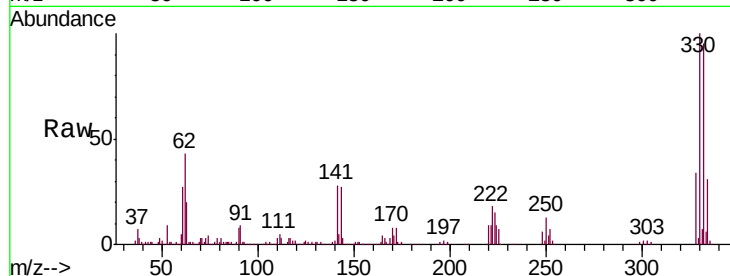




#41
 2,4,6-Tribromophenol
 Concen: 115.292 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF108125.D
 Acq: 13 Aug 2018 19:21

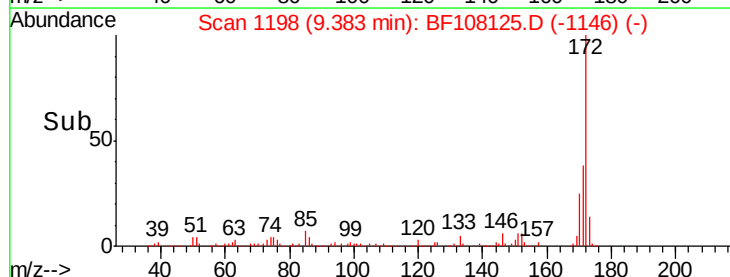
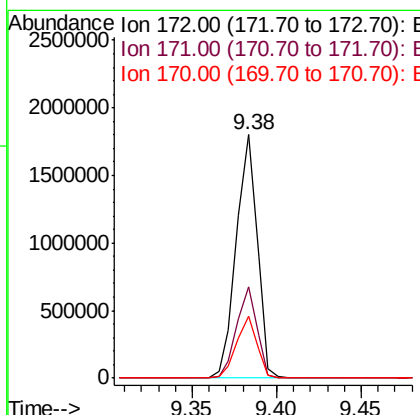
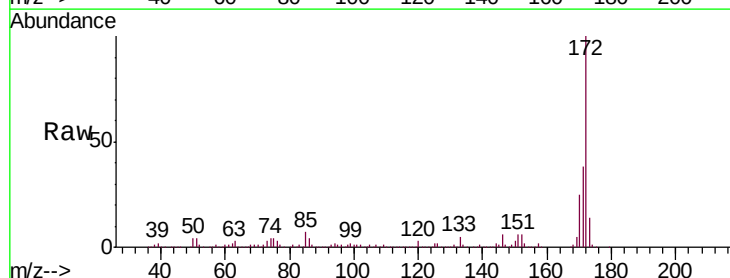
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-5

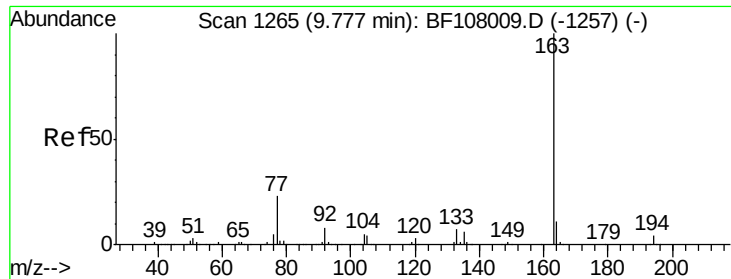
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.133 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108125.D
 Acq: 13 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.4	19.6	29.4

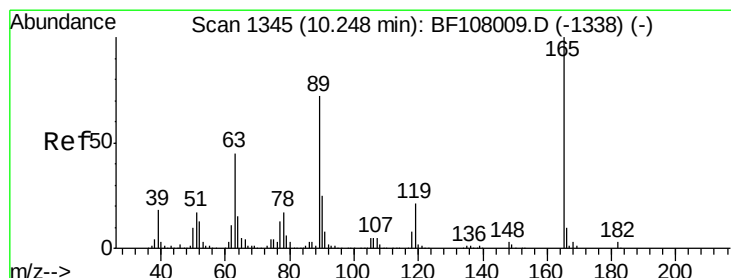
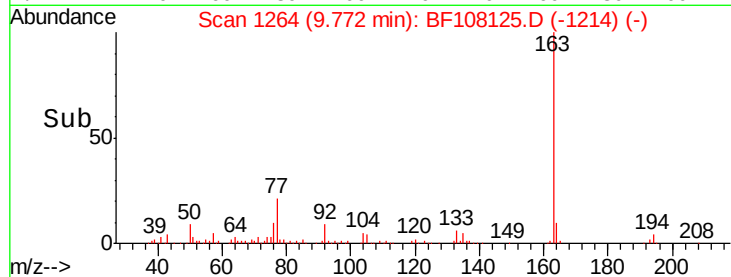
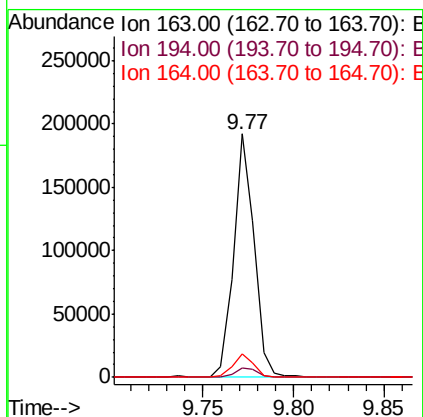
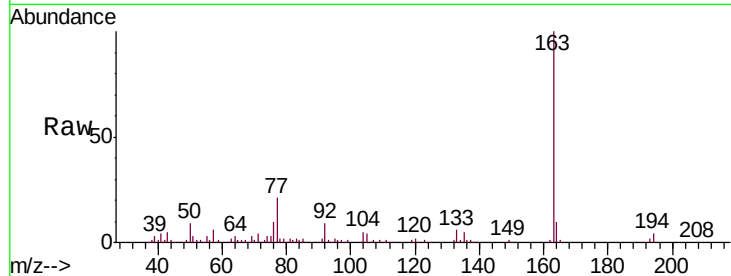




#49
Dimethylphthalate
Concen: 7.224 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108125.D
Acq: 13 Aug 2018 19:21

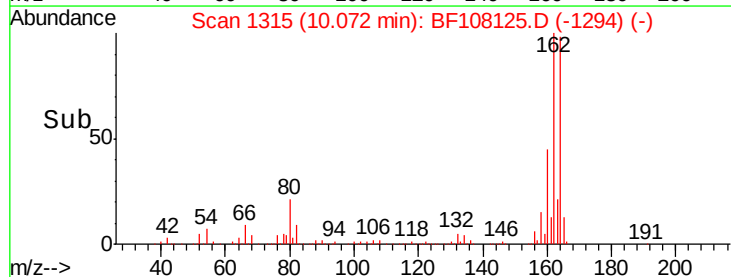
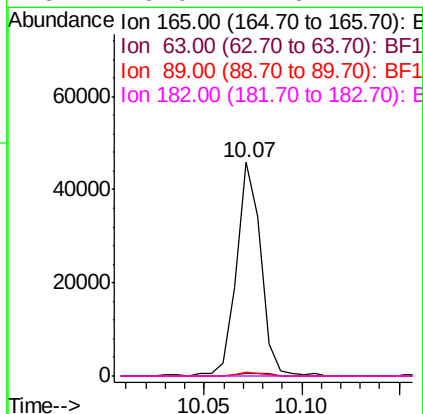
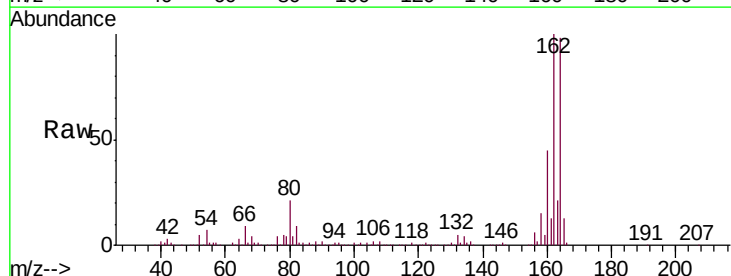
Instrument :
BNA_F
ClientSampled :
SP-1-5

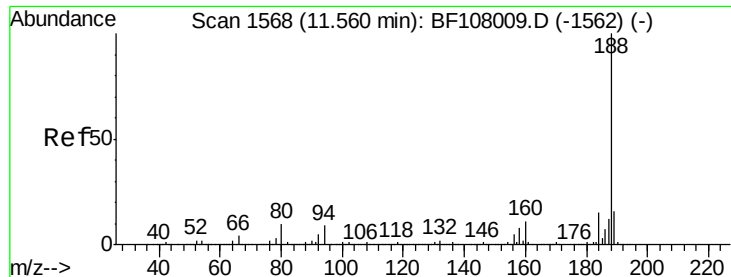
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.9	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 7.067 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.18 min
Lab File: BF108125.D
Acq: 13 Aug 2018 19:21

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#

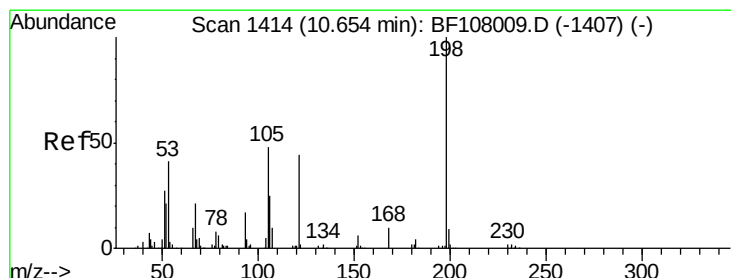
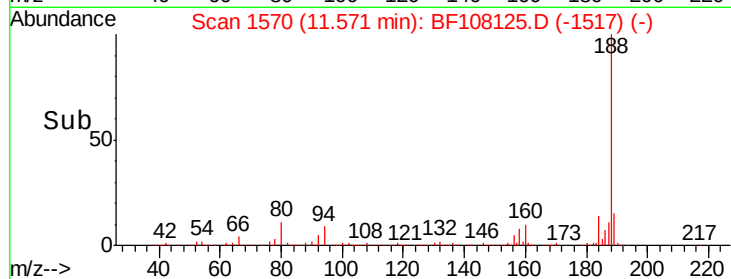
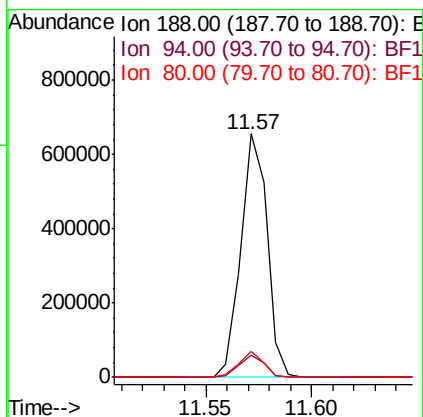
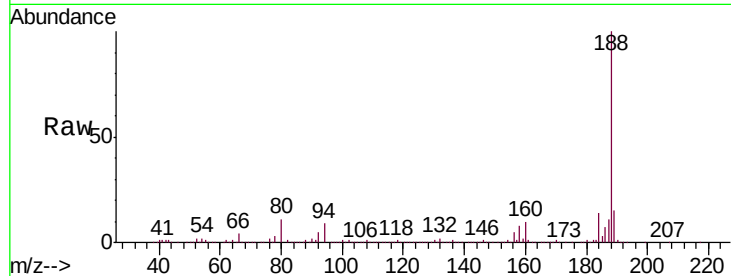




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF108125.D
 Acq: 13 Aug 2018 19:21

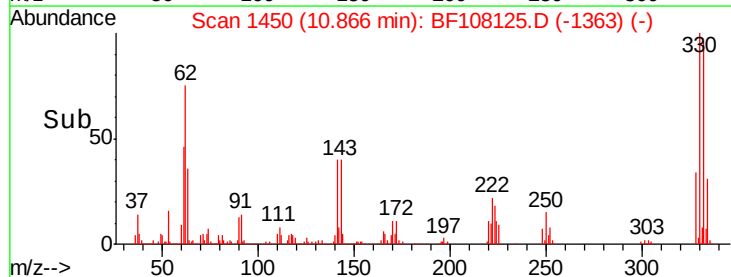
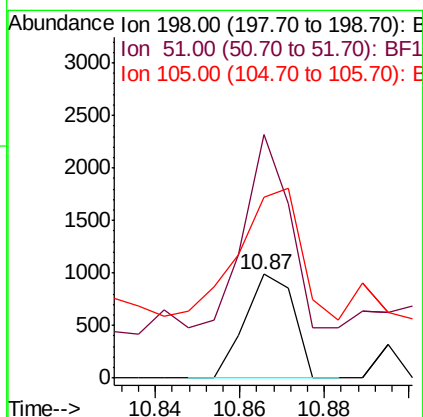
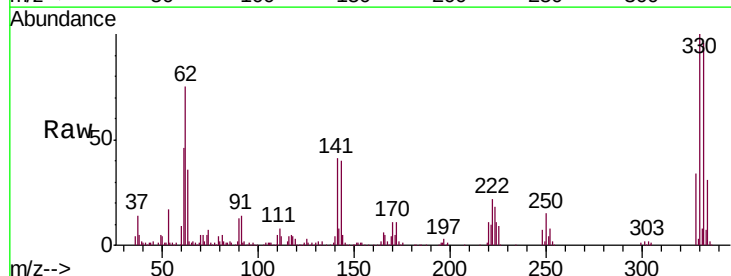
Instrument :
 BNA_F
 ClientSampled :
 SP-1-5

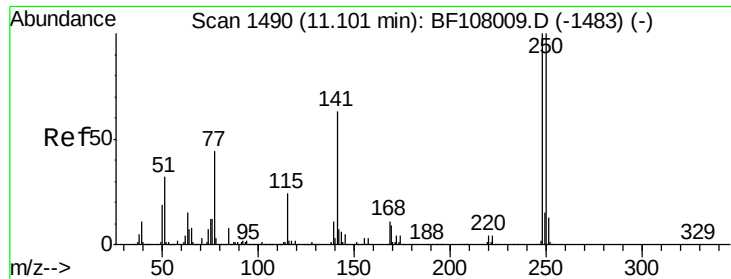
Tgt Ion:188 Resp: 565311
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 10.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.690 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.21 min
 Lab File: BF108125.D
 Acq: 13 Aug 2018 19:21

Tgt Ion:198 Resp: 792
 Ion Ratio Lower Upper
 198 100
 51 235.0 37.7 77.7#
 105 175.1 36.3 76.3#

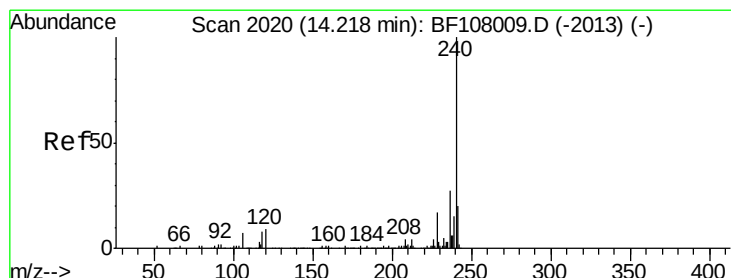
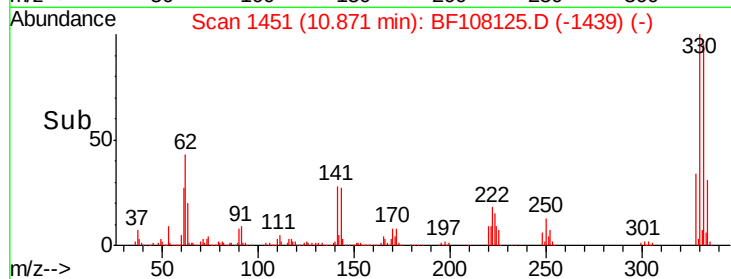
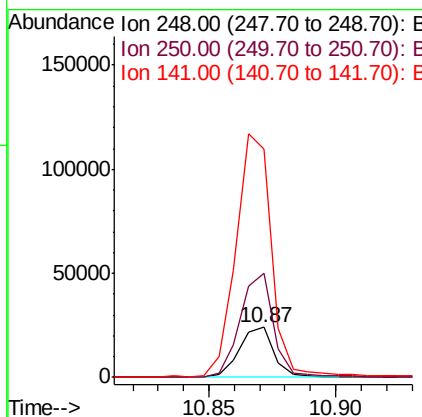
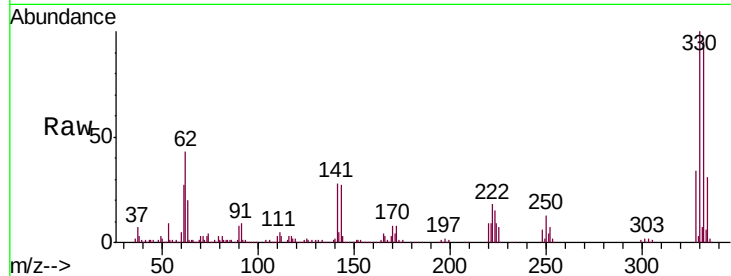




#66
 4-Bromophenyl-phenylether
 Concen: 3.656 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. -0.23 min
 Lab File: BF108125.D
 Acq: 13 Aug 2018 19:21

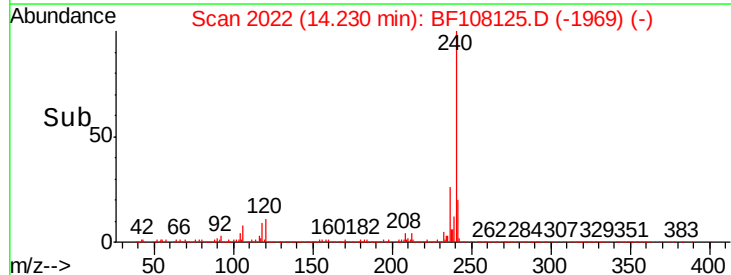
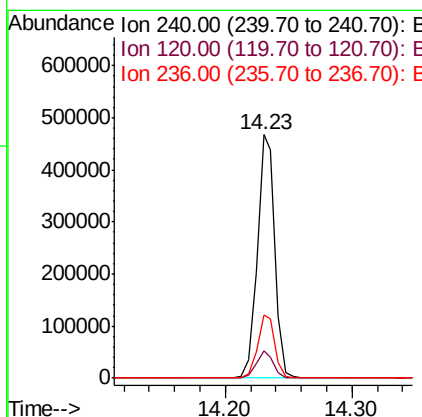
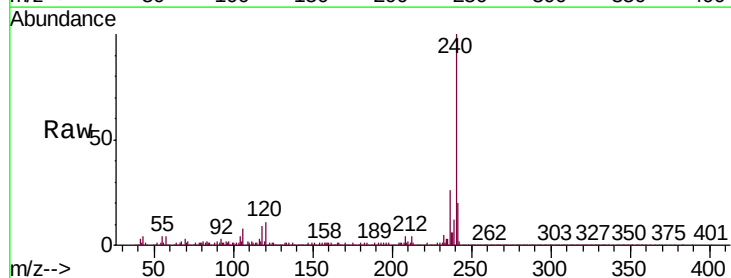
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-5

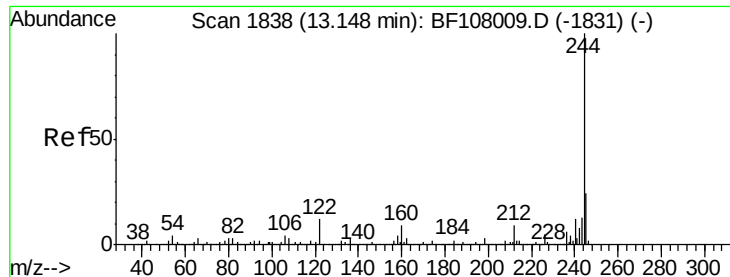
Tgt Ion: 248 Resp: 22458
 Ion Ratio Lower Upper
 248 100
 250 208.1 76.9 115.3#
 141 454.4 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF108125.D
 Acq: 13 Aug 2018 19:21

Tgt Ion: 240 Resp: 450740
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.5 14.3
 236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 90.473 ng

RT: 13.17 min Scan# 1841

Delta R.T. 0.02 min

Lab File: BF108125.D

Acq: 13 Aug 2018 19:21

Instrument :

BNA_F

ClientSampleId :

SP-1-5

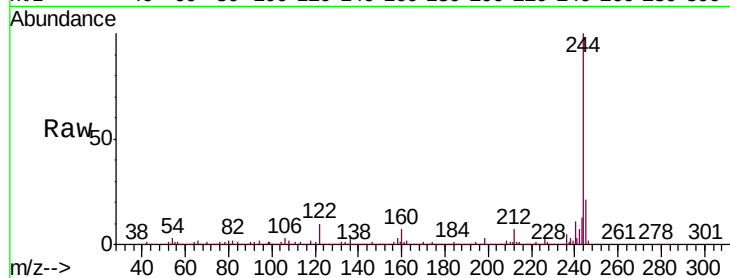
Tgt Ion:244 Resp: 1603877

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

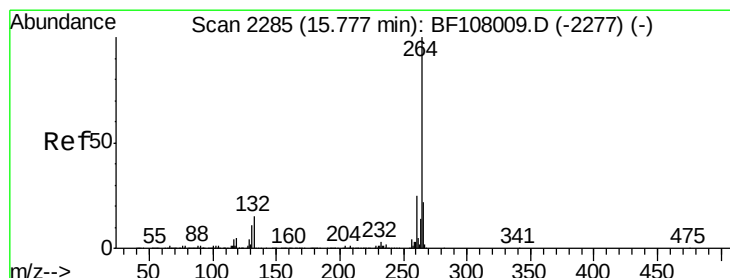
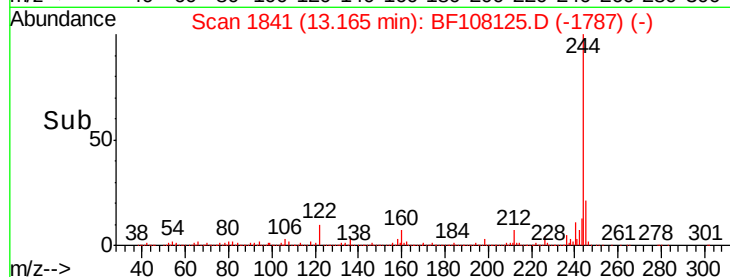
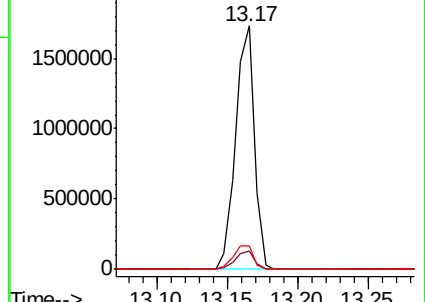
122 9.9 11.0 16.4#



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: BF108125.D

Acq: 13 Aug 2018 19:21

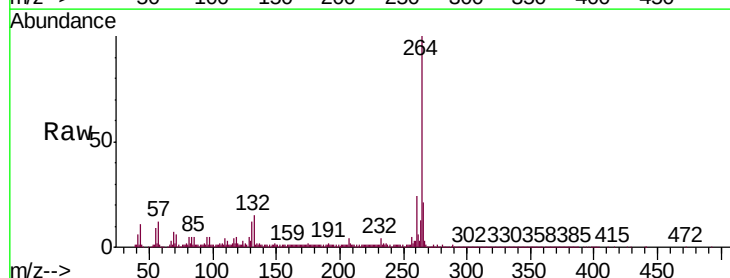
Tgt Ion:264 Resp: 301977

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.3 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

