

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108283.D
 Acq On : 20 Aug 2018 12:11
 Operator : JU/SJ
 Sample : PB112066BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112066BL

Quant Time: Aug 20 13:03:32 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

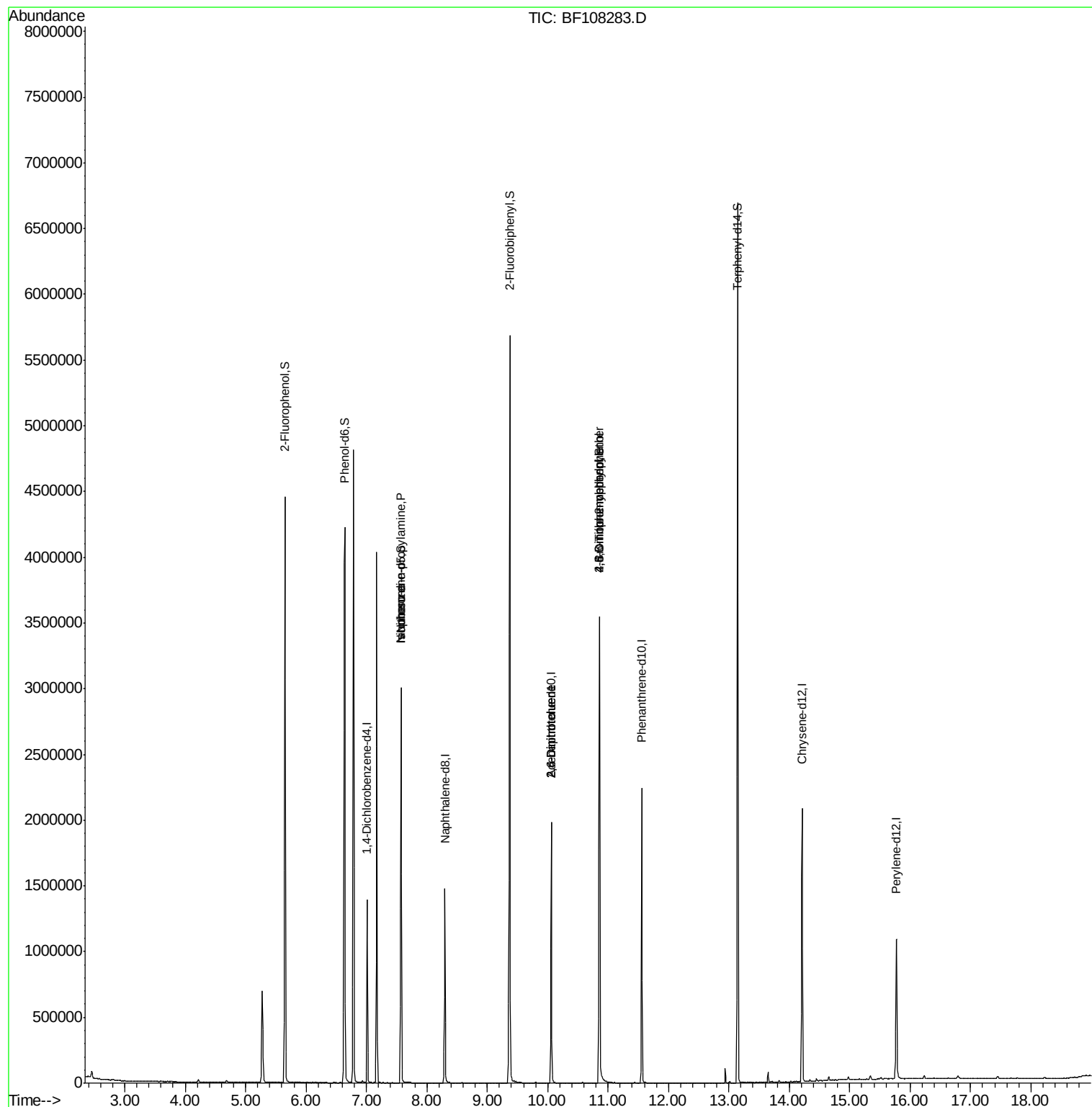
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	199704	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	760950	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	397139	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	819457	20.00	ng	0.00
75) Chrysene-d12	14.21	240	718717	20.00	ng	0.00
86) Perylene-d12	15.78	264	582669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1215227	110.17	ng	0.02
7) Phenol-d6	6.64	99	1603506	109.39	ng	0.01
23) Nitrobenzene-d5	7.58	82	1061370	77.83	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	506173	127.78	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2029924	82.06	ng	0.00
78) Terphenyl-d14	13.15	244	2372875	83.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	144482	14.576	ng	# 83
25) Isophorone	7.58	82	1050691	40.423	ng	# 64
50) 2,6-Dinitrotoluene	10.06	165	50458	8.718	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	50458	6.773	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	975	5.640	ng	# 1
66) 4-Bromophenyl-phenylether	10.86	248	33445	3.756	ng	# 1

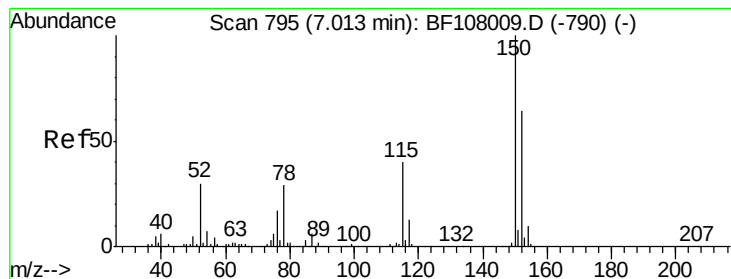
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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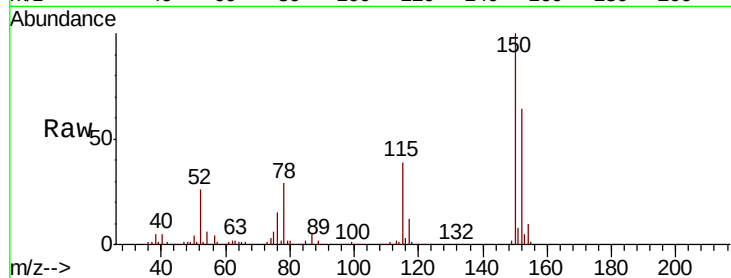


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108283.D
Acq: 20 Aug 2018 12:11

Instrument :
BNA_F
ClientSampleId :
PB112066BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	61.1	50.1	75.1

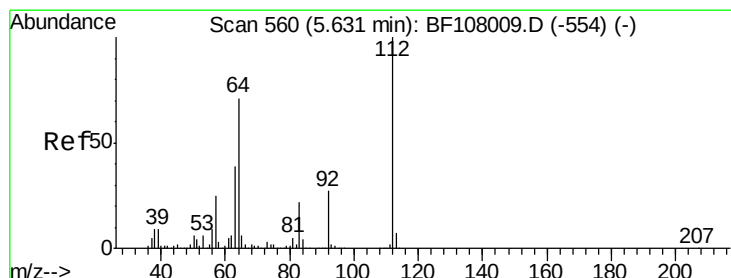
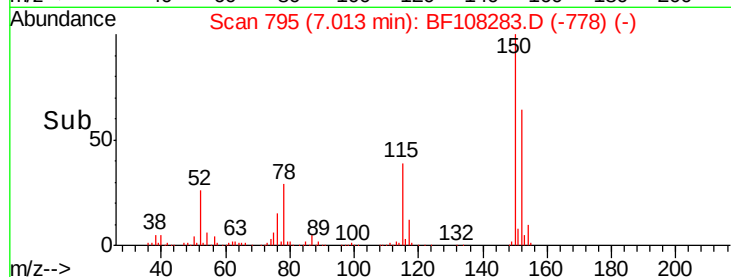
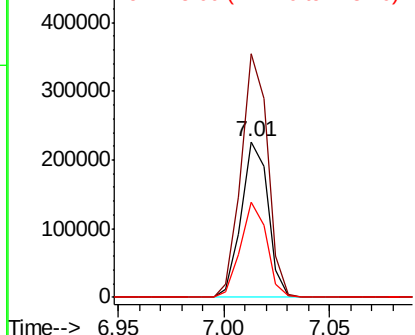


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

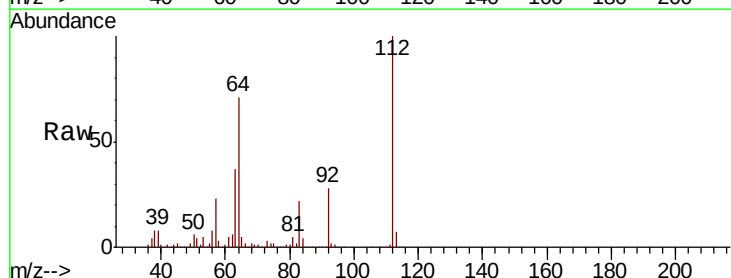
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.169 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108283.D
Acq: 20 Aug 2018 12:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	47.9	71.9
63	37.2	23.7	35.5

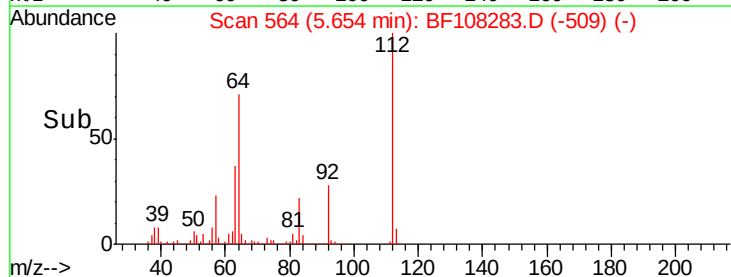
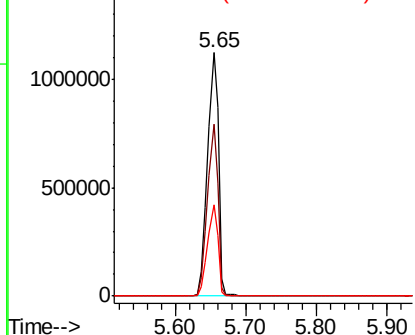


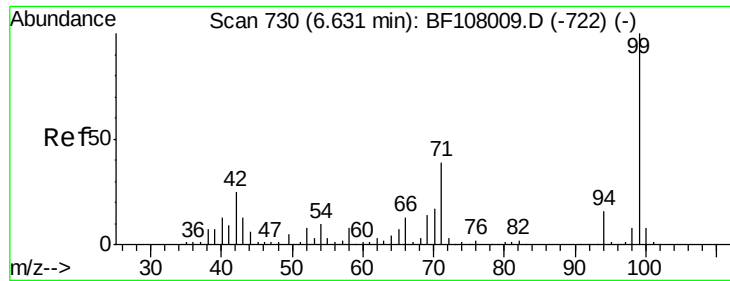
Abundance

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: 109.393 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108283.D

Acq: 20 Aug 2018 12:11

Instrument :

BNA_F

ClientSampleId :

PB112066BL

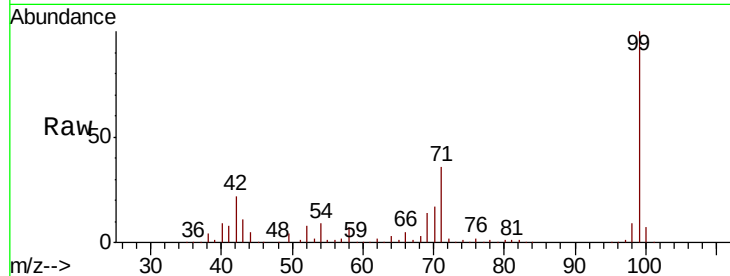
Tot Ion: 99 Resp: 1603506

Ion Ratio Lower Upper

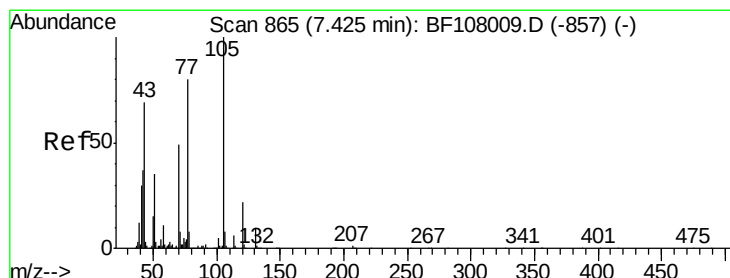
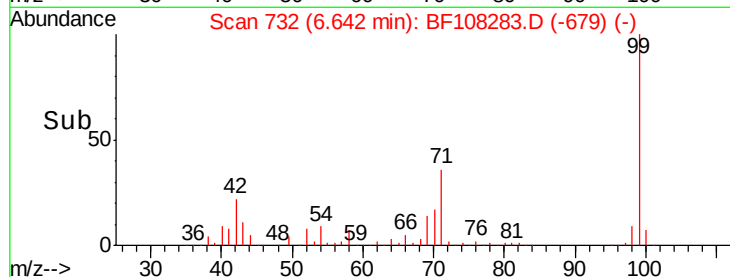
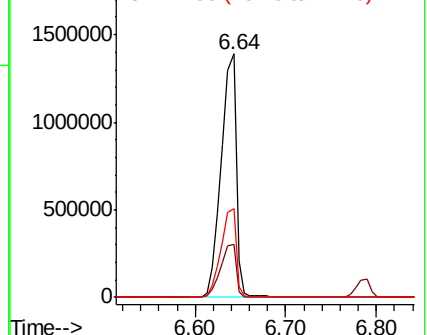
99 100

42 21.6 14.5 21.7

71 36.3 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: 14.576 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108283.D

Acq: 20 Aug 2018 12:11

Tgt Ion: 70 Resp: 144482

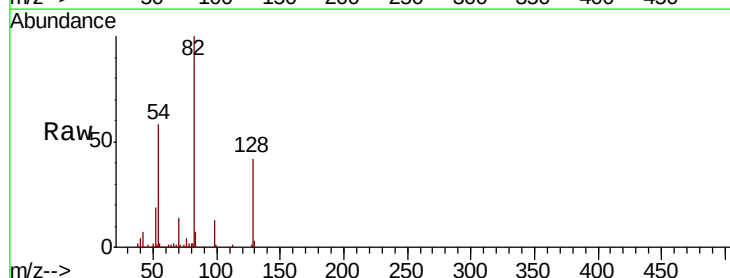
Ion Ratio Lower Upper

70 100

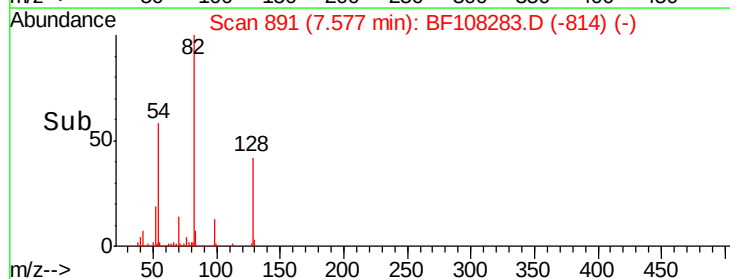
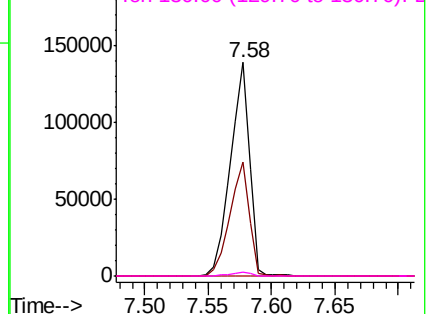
42 53.2 47.5 71.3

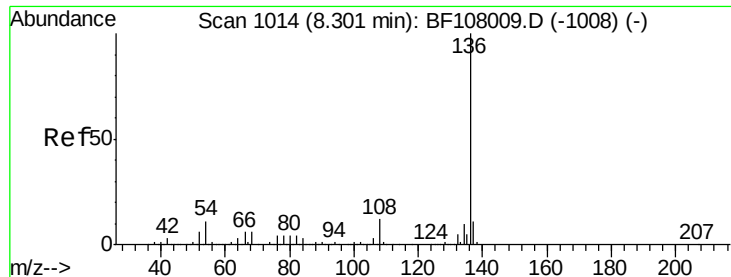
101 0.0 7.4 11.2#

130 2.1 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

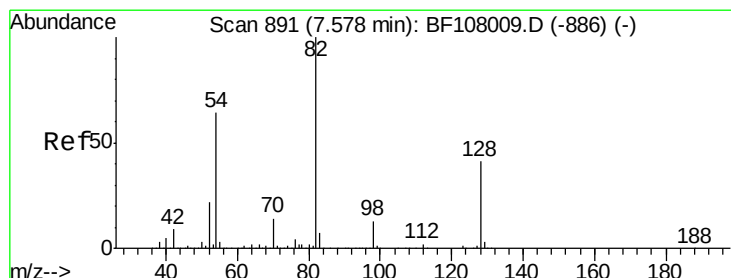
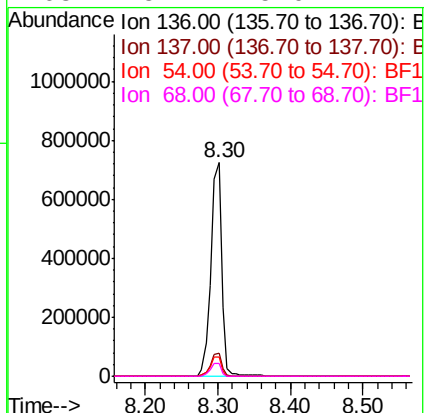
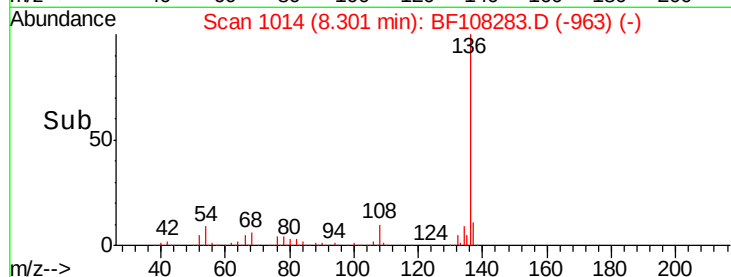
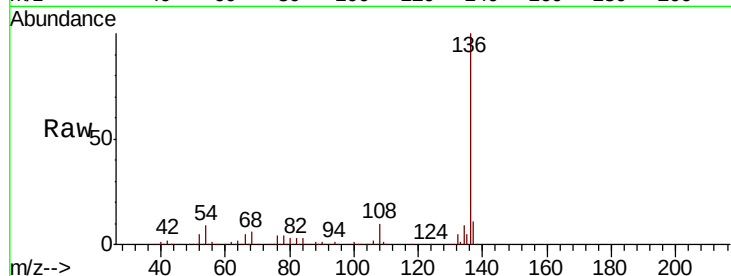




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108283.D
Acq: 20 Aug 2018 12:11

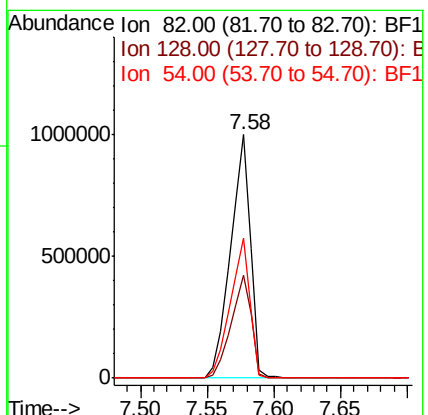
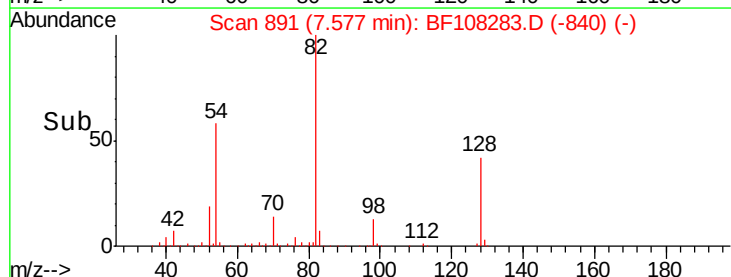
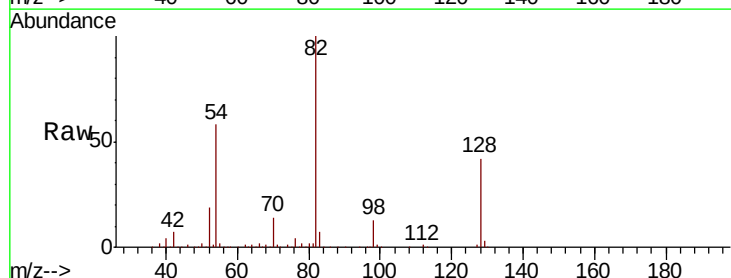
Instrument :
BNA_F
ClientSampleId :
PB112066BL

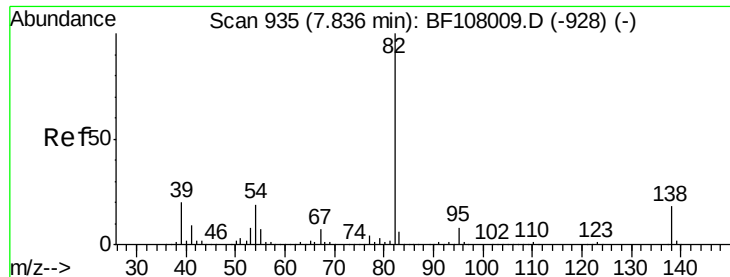
Tot Ion:136	Resp:	760950
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.9	13.3
54 8.9	6.6	9.8
68 5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 77.832 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108283.D
Acq: 20 Aug 2018 12:11

Tgt Ion: 82	Resp: 1061370
Ion Ratio	Lower Upper
82 100	
128 42.4	36.1 54.1
54 57.7	41.4 62.2





#25

Isophorone

Concen: 40.423 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108283.D

Acq: 20 Aug 2018 12:11

Instrument :

BNA_F

ClientSampleId :

PB112066BL

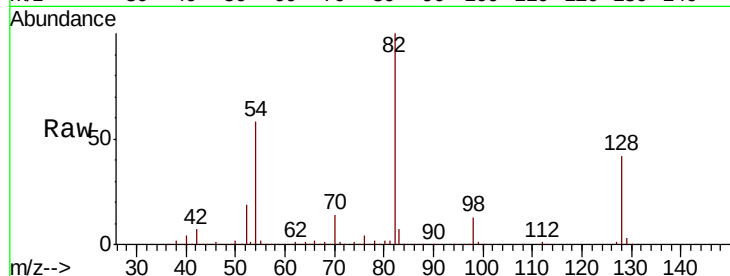
Tot Ion: 82 Resp: 1050691

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

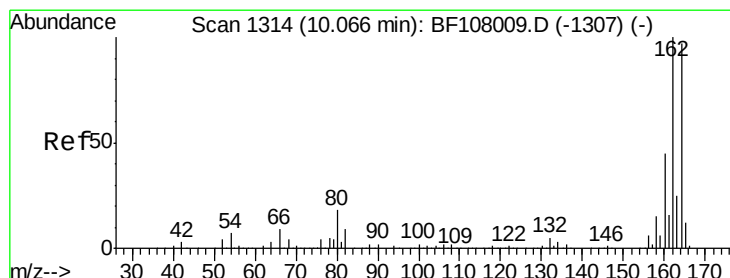
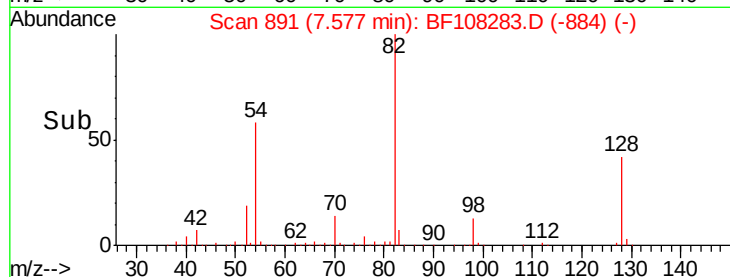
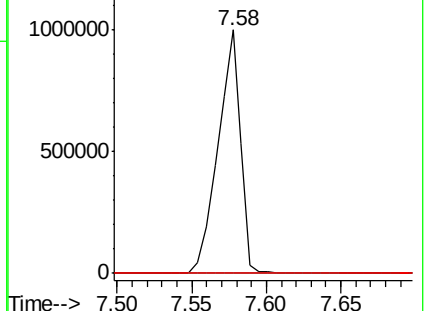
138 0.0 14.9 22.3#



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: BF108283.D

Acq: 20 Aug 2018 12:11

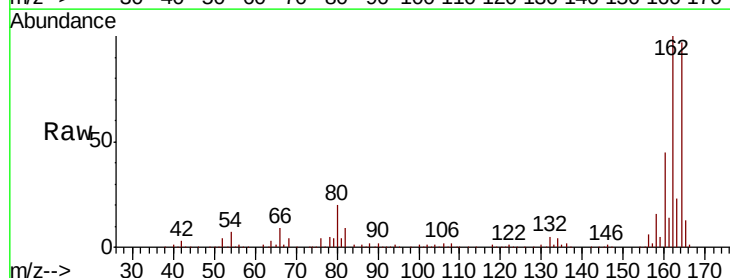
Tgt Ion:164 Resp: 397139

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

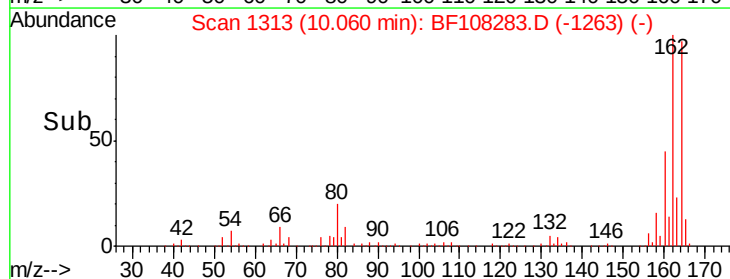
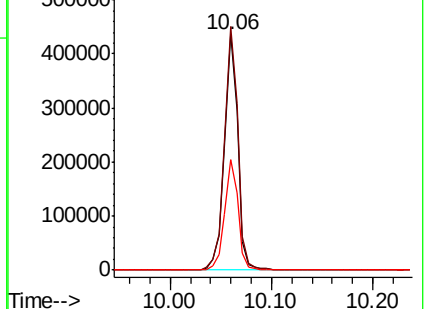
160 46.7 38.3 57.5

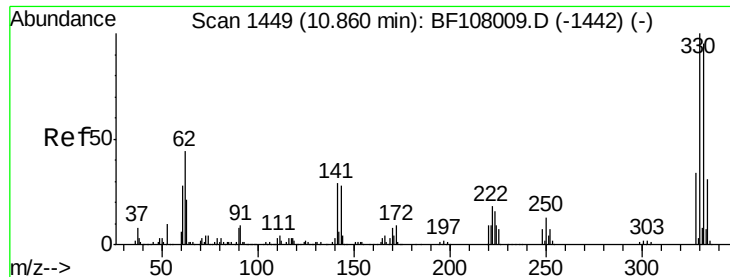


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

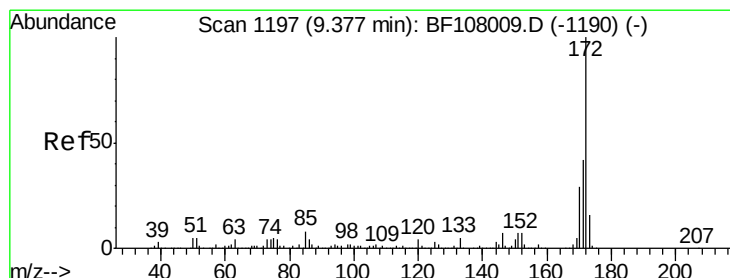
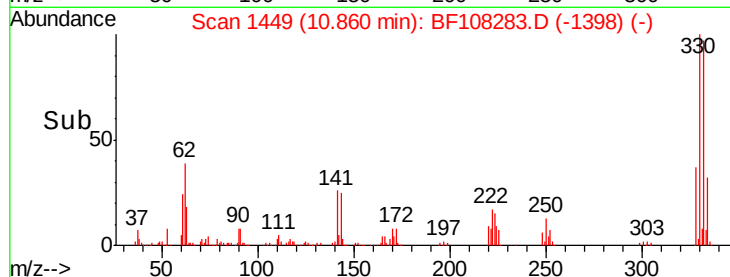
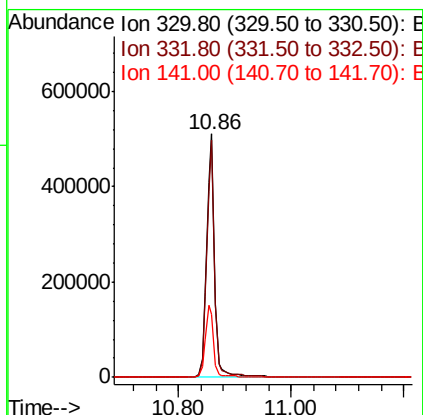
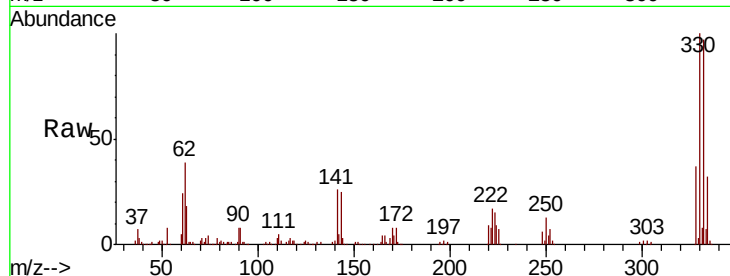




#41
 2,4,6-Tribromophenol
 Concen: 127.778 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

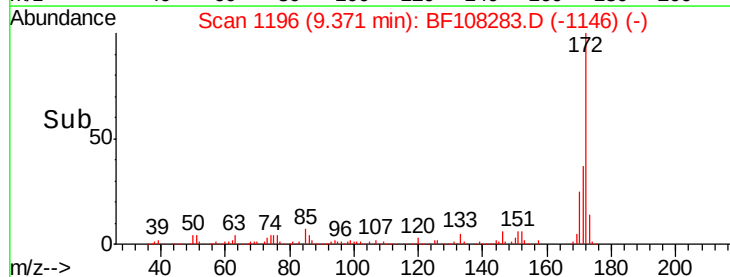
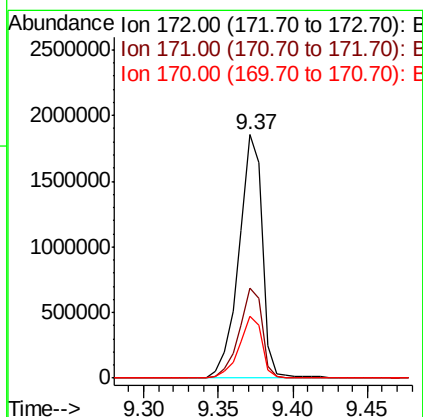
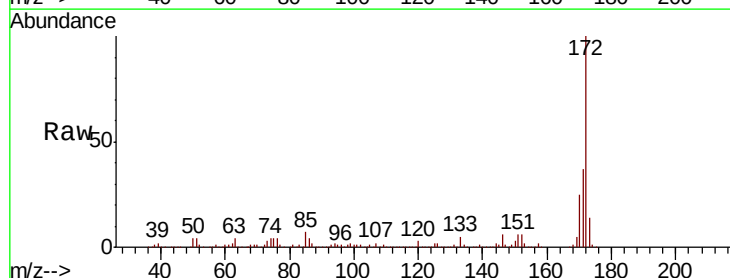
Instrument :
 BNA_F
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 PB112066BL

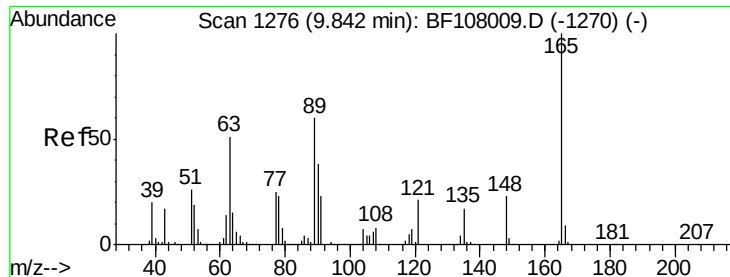
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	31.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 82.061 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.3	19.6	29.4

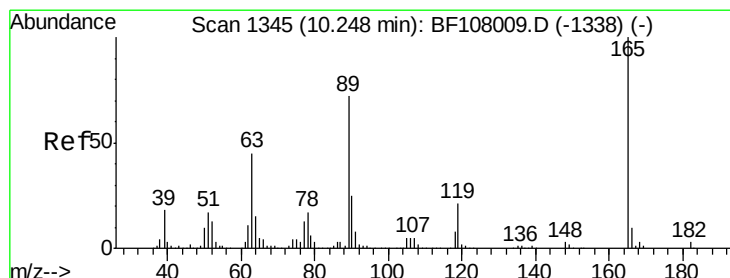
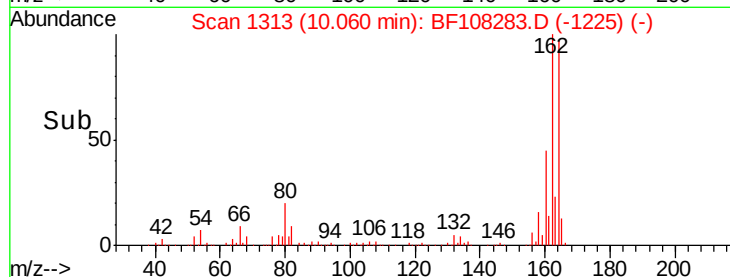
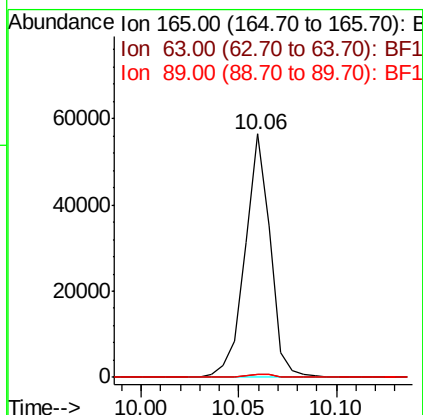
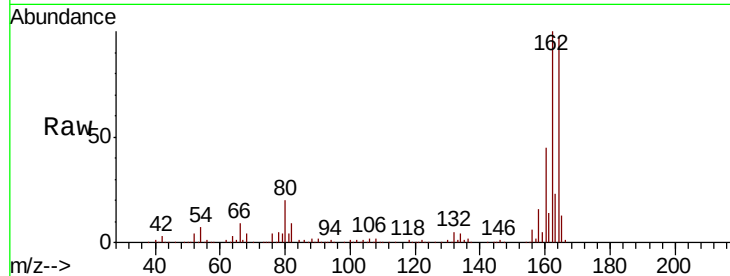




#50
 2,6-Dinitrotoluene
 Concen: 8.718 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

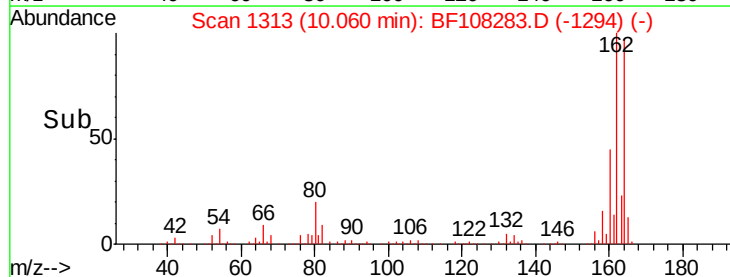
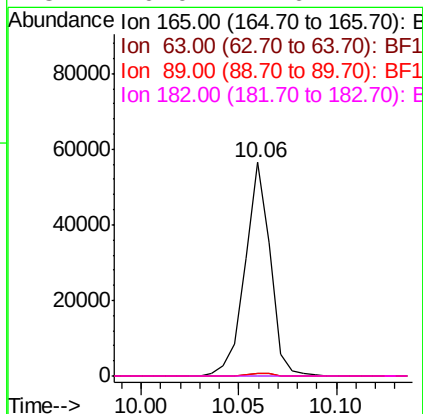
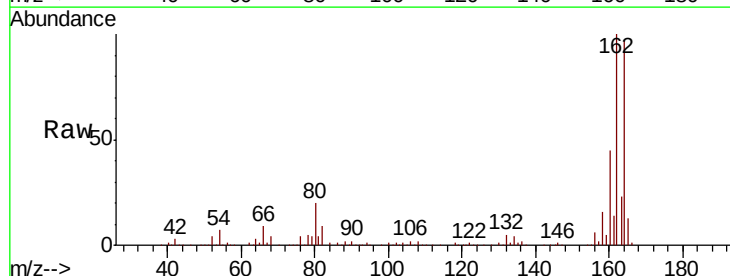
Instrument :
 BNA_F
 ClientSampleId :
 PB112066BL

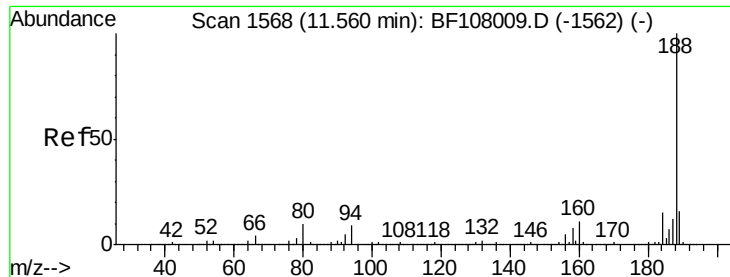
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.773 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

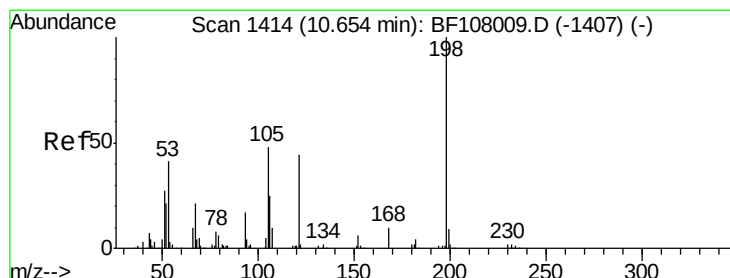
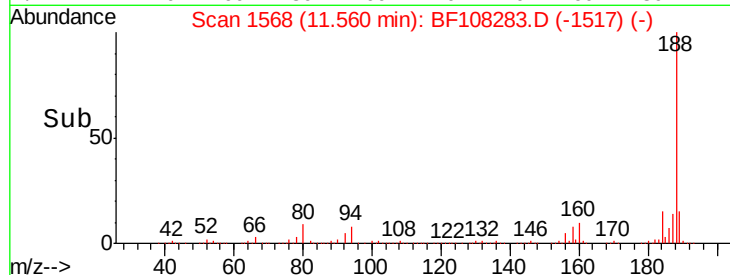
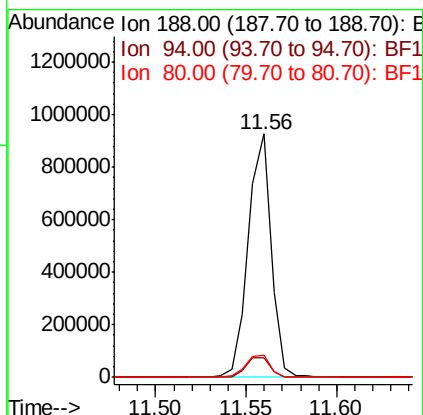
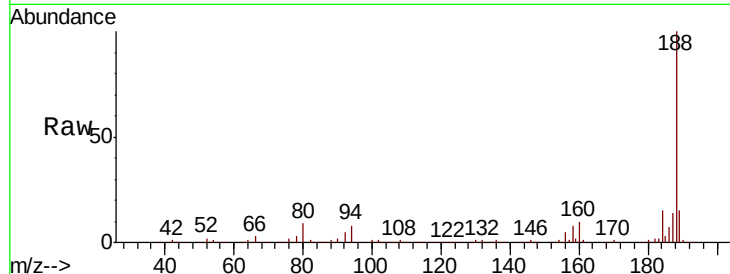




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

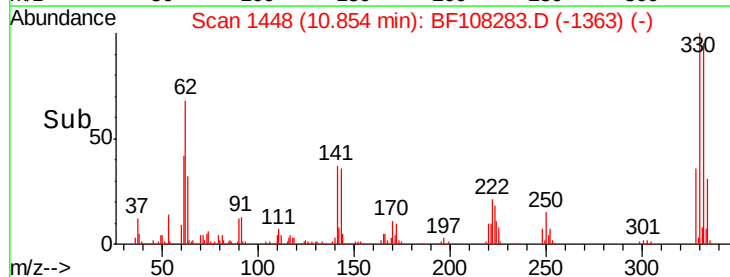
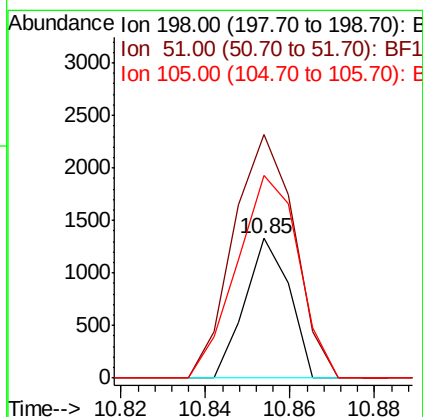
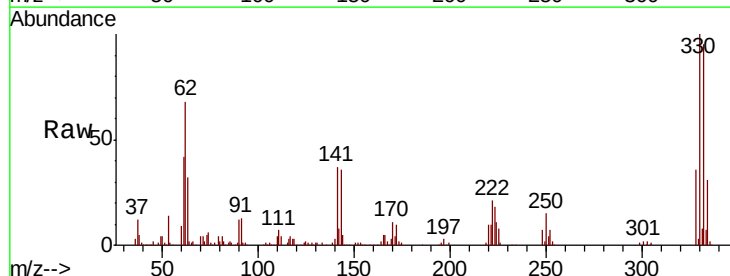
Instrument :
 BNA_F
 ClientSampleId :
 PB112066BL

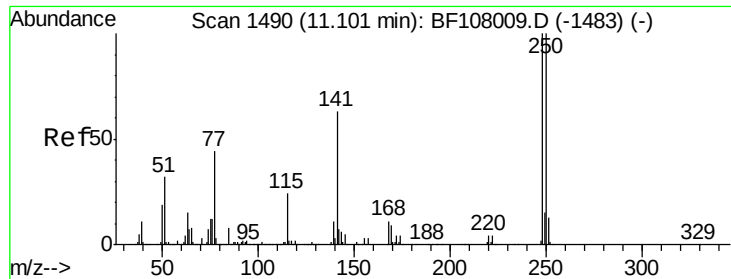
Tot Ion:188 Resp: 819457
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.5 12.7#
 80 9.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.640 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

Tgt Ion:198 Resp: 975
 Ion Ratio Lower Upper
 198 100
 51 174.2 37.7 77.7#
 105 145.0 36.3 76.3#

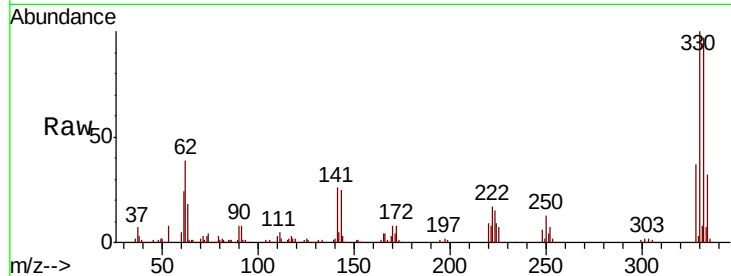




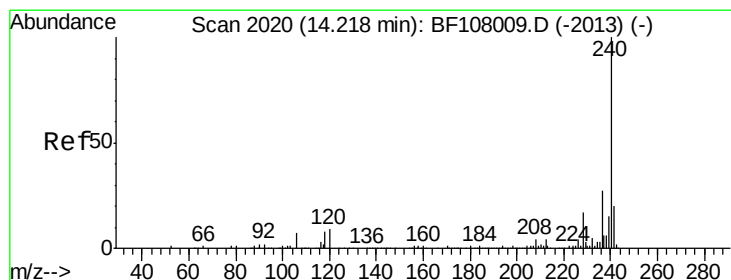
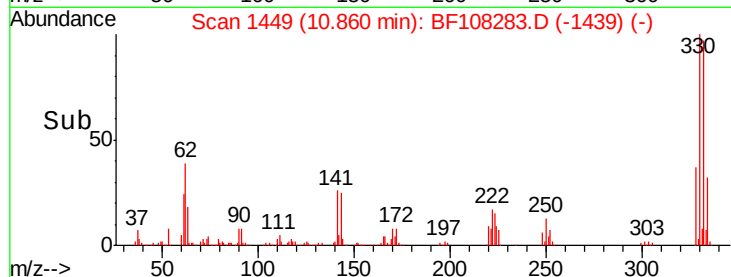
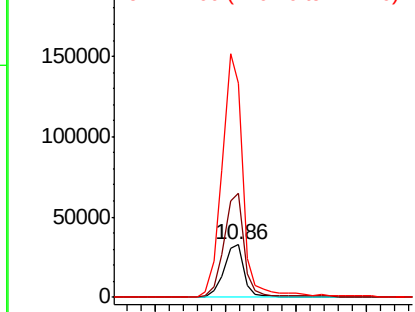
#66
 4-Bromophenyl-phenylether
 Concen: 3.756 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.24 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB112066BL

Tot Ion:248 Resp: 33445
 Ion Ratio Lower Upper
 248 100
 250 199.6 76.9 115.3#
 141 409.8 74.4 111.6#

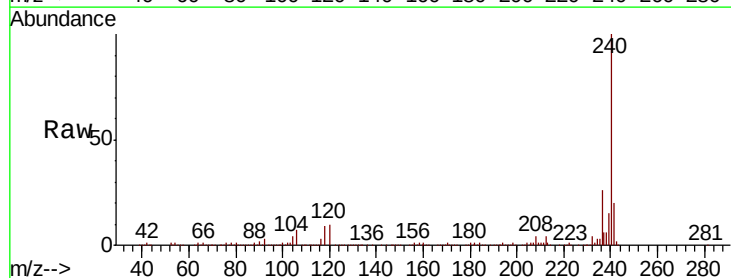


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

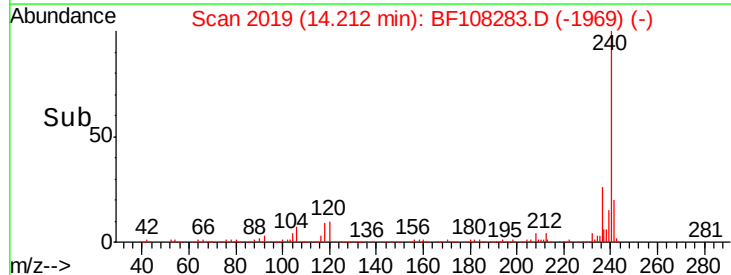
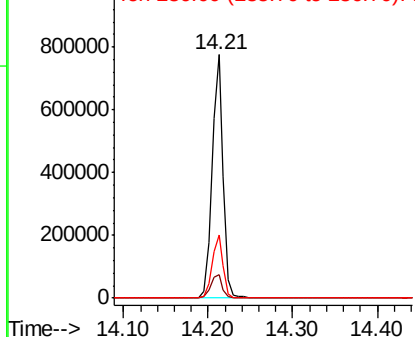


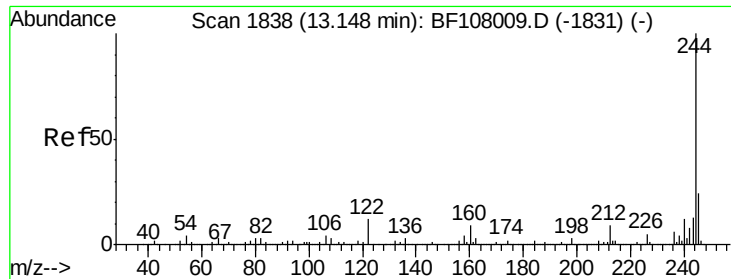
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.21 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

Tgt Ion:240 Resp: 718717
 Ion Ratio Lower Upper
 240 100
 120 9.7 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

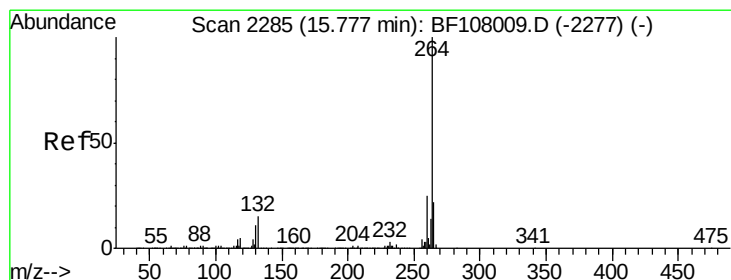
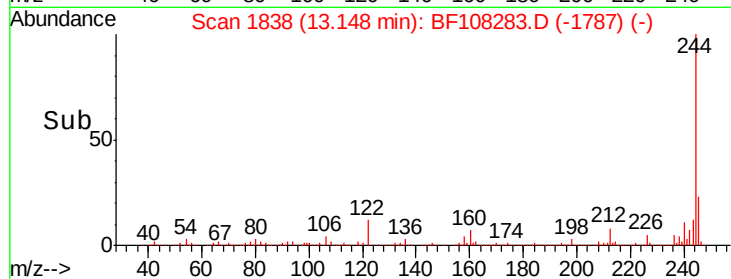
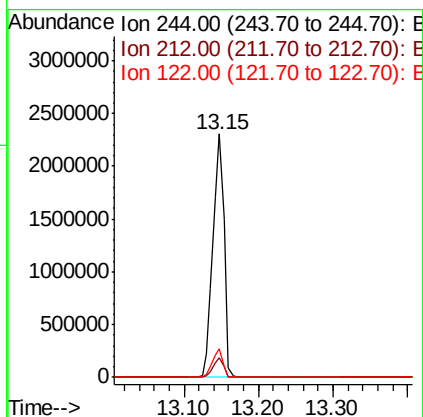
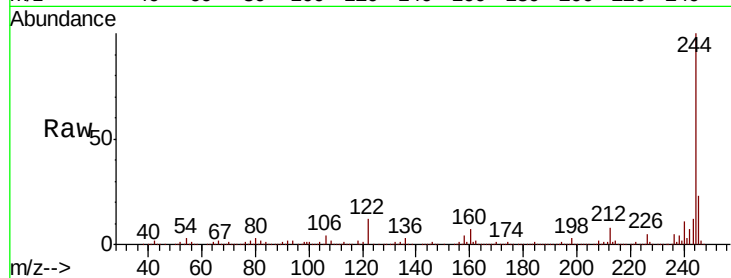




#78
 Terphenyl-d14
 Concen: 83.944 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB112066BL

Tot Ion:244 Resp: 2372875
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

Tgt Ion:264 Resp: 582669
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 22.4 17.5 26.3

