

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
 Data File : BF108268.D
 Acq On : 18 Aug 2018 3:14
 Operator : JU/SJ
 Sample : J4519-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-16

Quant Time: Aug 18 03:59:03 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

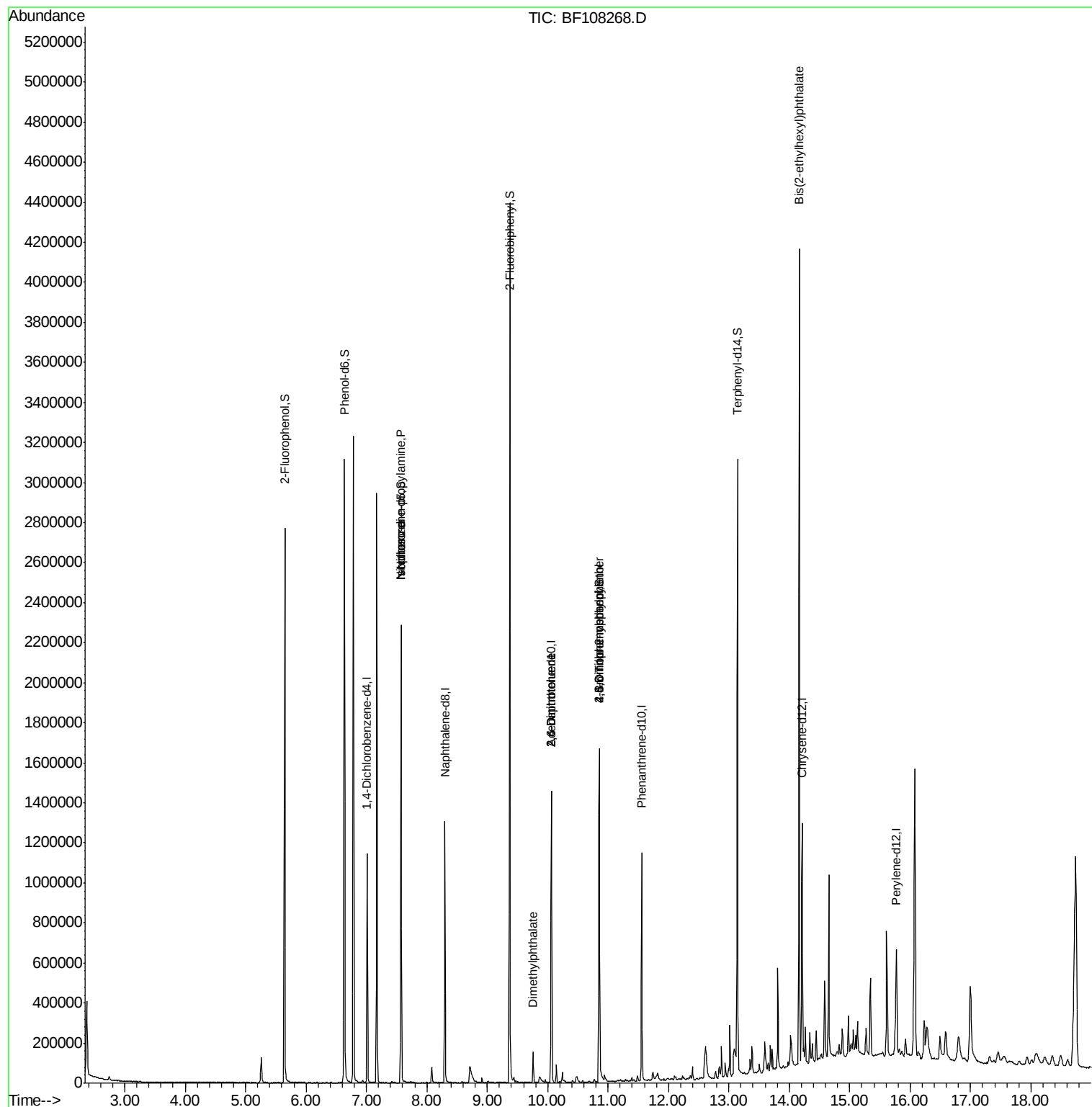
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	163086	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	612251	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	271996	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	420036	20.00	ng	0.00
75) Chrysene-d12	14.21	240	384619	20.00	ng	0.00
86) Perylene-d12	15.78	264	266552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	744346	82.63	ng	0.02
7) Phenol-d6	6.64	99	996584	83.25	ng	0.00
23) Nitrobenzene-d5	7.58	82	689689	62.86	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	198529	73.17	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1305170	77.04	ng	0.00
78) Terphenyl-d14	13.14	244	1012707	66.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	93734	11.580	ng	# 83
25) Isophorone	7.58	82	689678	32.978	ng	# 64
49) Dimethylphthalate	9.76	163	58406	3.083	ng	97
50) 2,6-Dinitrotoluene	10.06	165	34170	8.620	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	34170	6.697	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.85	198	321	5.539	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	12709	2.784	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.17	149	1025481	78.318	ng	99

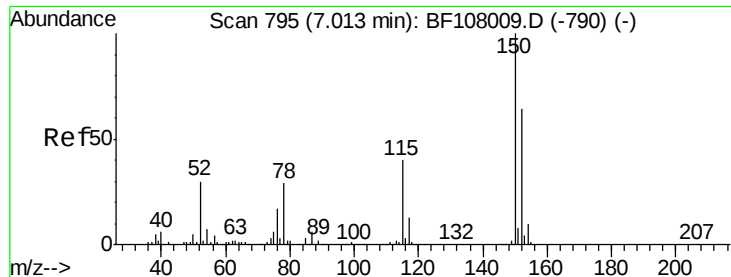
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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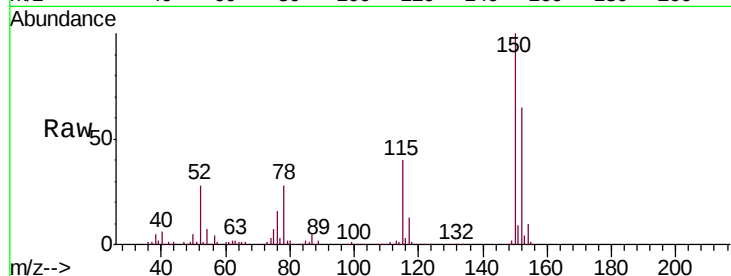


#1

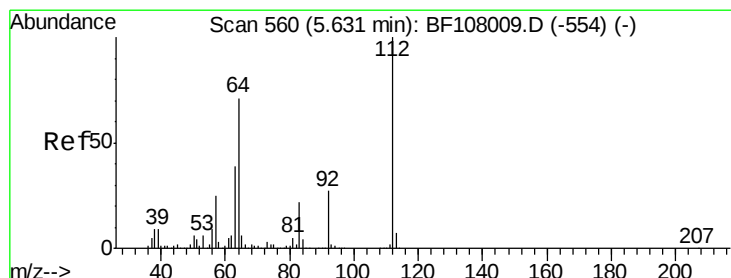
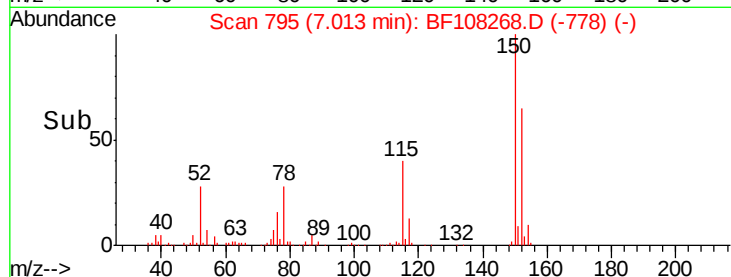
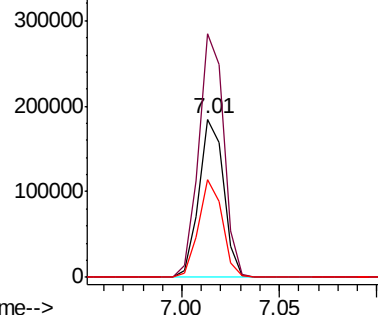
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108268.D
Acq: 18 Aug 2018 3:14

Instrument :
BNA_F
ClientSampleId :
DRUM-16

Tgt Ion:152 Resp: 163086
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 61.6 50.1 75.1



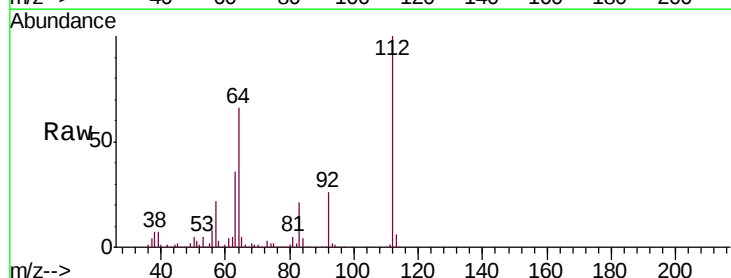
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



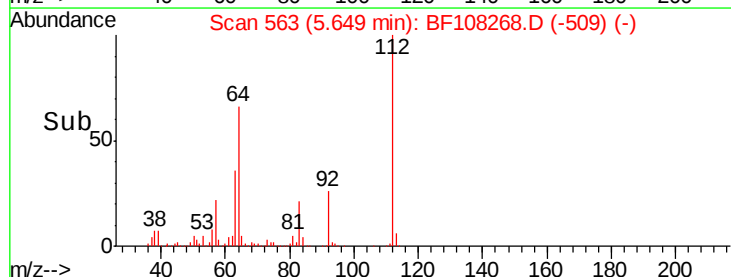
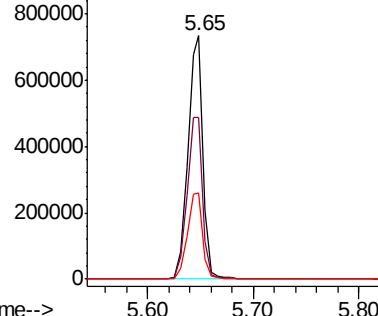
#5

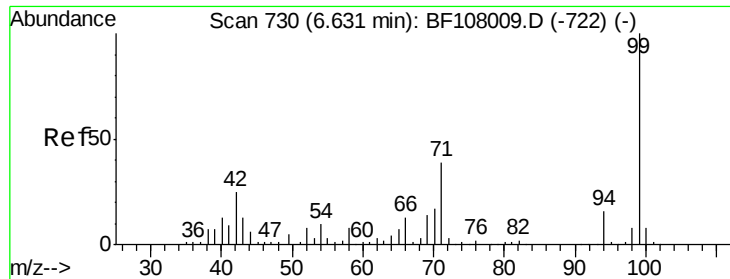
2-Fluorophenol
Concen: 82.632 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108268.D
Acq: 18 Aug 2018 3:14

Tgt Ion:112 Resp: 744346
Ion Ratio Lower Upper
112 100
64 66.5 47.9 71.9
63 35.5 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: 83.254 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108268.D

Acq: 18 Aug 2018 3:14

Instrument :

BNA_F

ClientSampleId :

DRUM-16

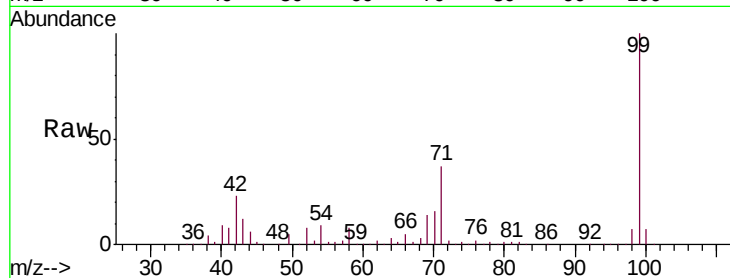
Tgt Ion: 99 Resp: 996584

Ion Ratio Lower Upper

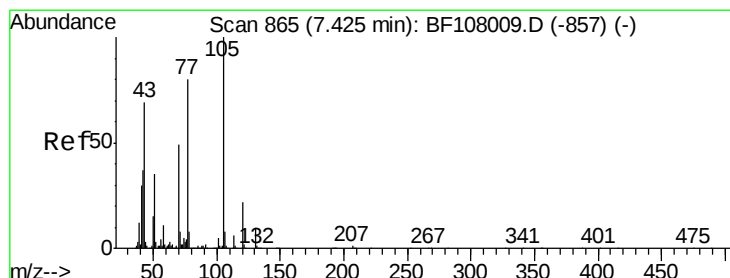
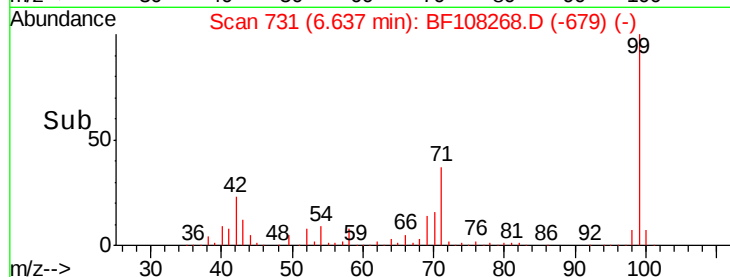
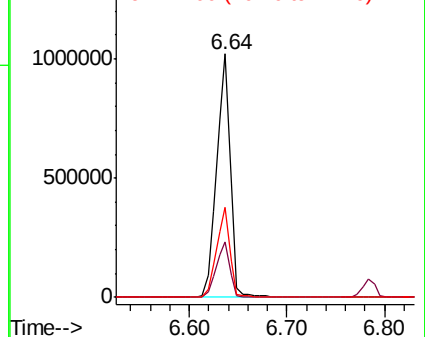
99 100

42 22.7 14.5 21.7#

71 36.8 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: 11.580 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108268.D

Acq: 18 Aug 2018 3:14

Tgt Ion: 70 Resp: 93734

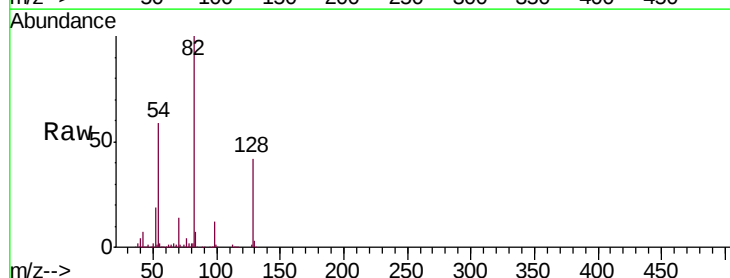
Ion Ratio Lower Upper

70 100

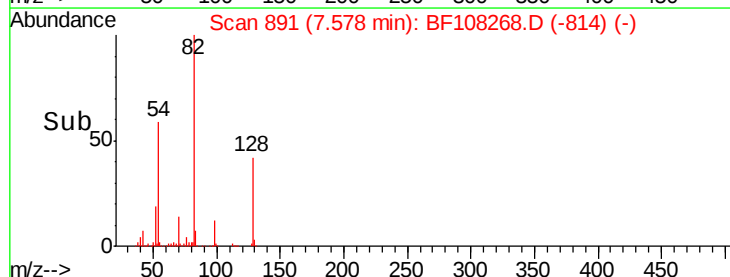
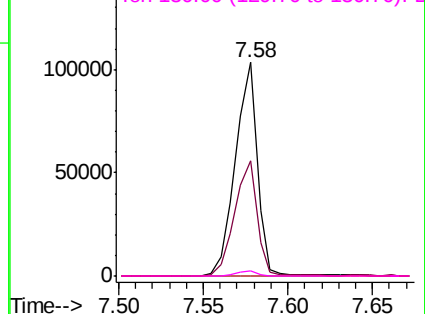
42 53.9 47.5 71.3

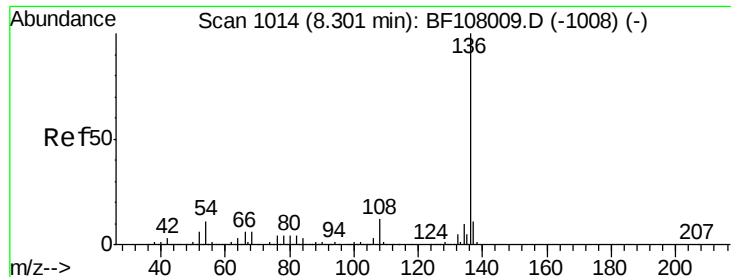
101 0.0 7.4 11.2#

130 2.2 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

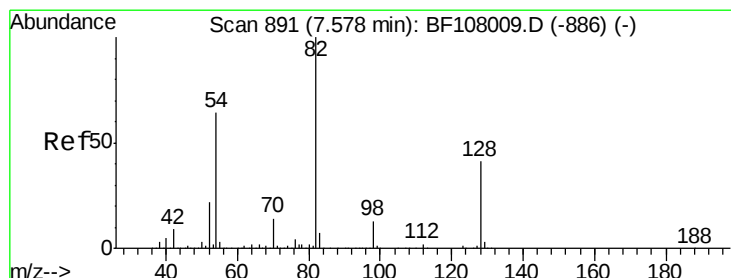
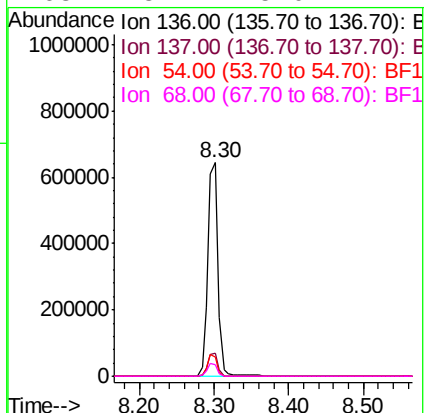
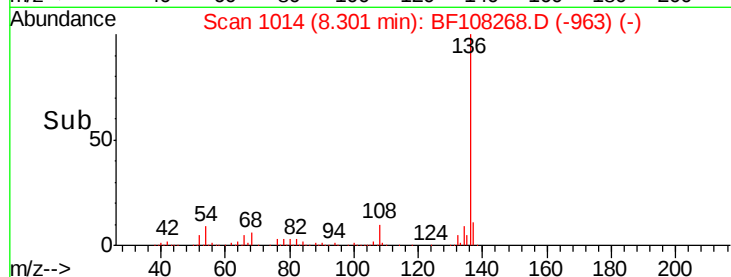
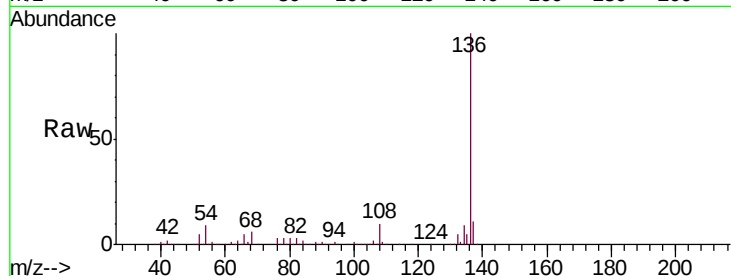




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108268.D
Acq: 18 Aug 2018 3:14

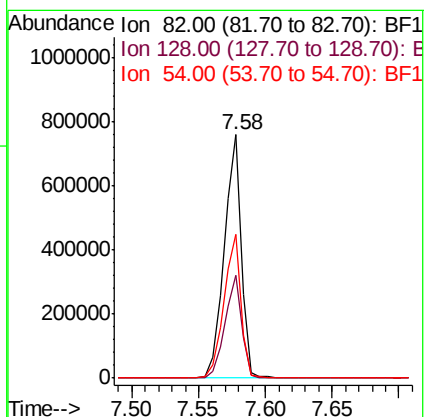
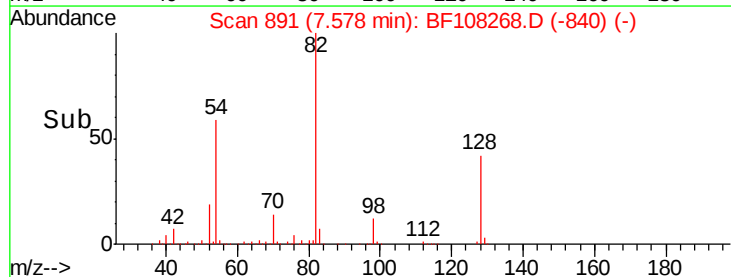
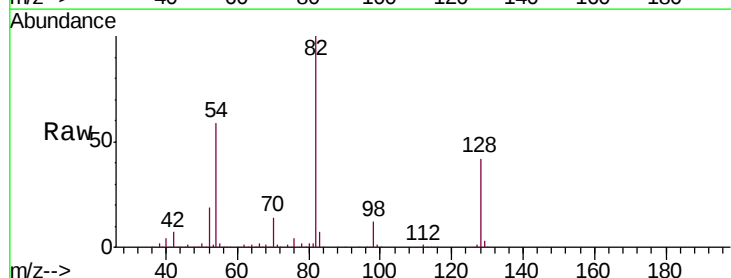
Instrument :
BNA_F
ClientSampleId :
DRUM-16

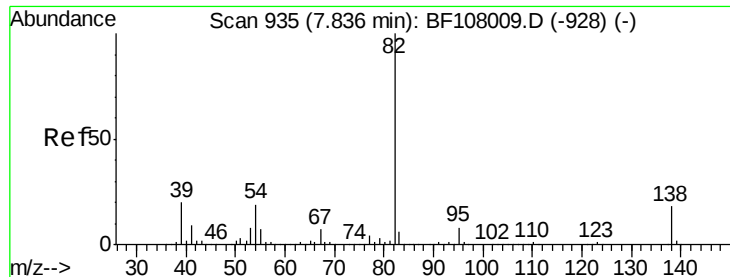
Tgt Ion:	136	Resp:	612251
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 62.859 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108268.D
Acq: 18 Aug 2018 3:14

Tgt Ion:	82	Resp:	689689
Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	58.9	41.4	62.2





#25

Isophorone

Concen: 32.978 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108268.D

Acq: 18 Aug 2018 3:14

Instrument :

BNA_F

ClientSampleId :

DRUM-16

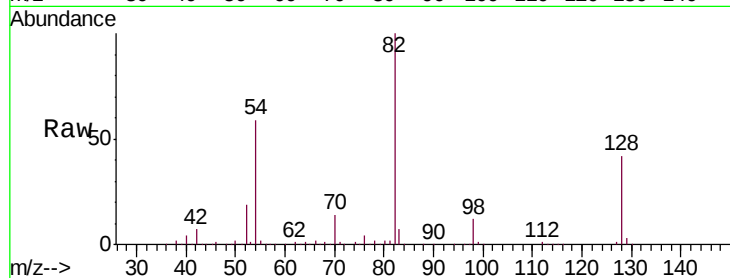
Tgt Ion: 82 Resp: 689678

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

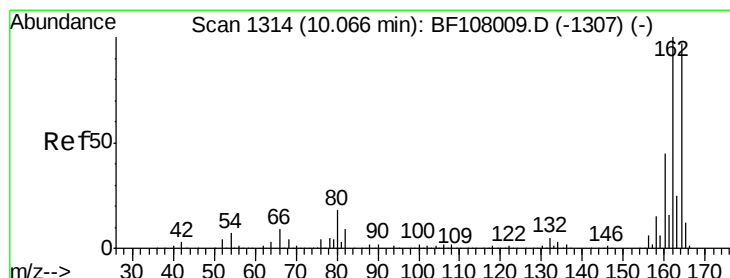
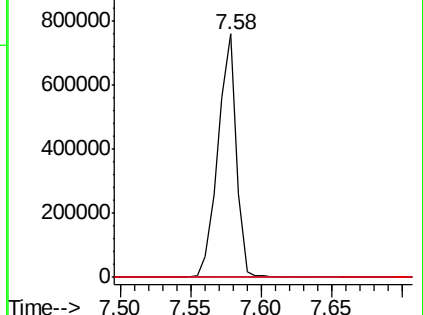
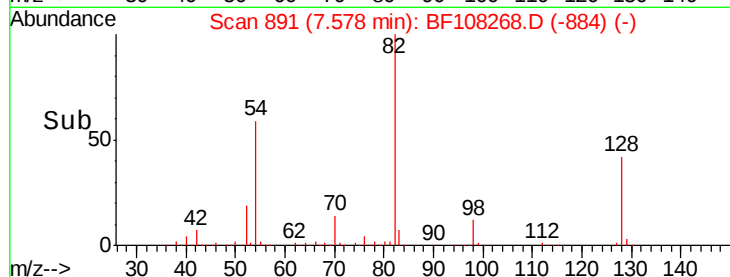
138 0.0 14.9 22.3#



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: BF108268.D

Acq: 18 Aug 2018 3:14

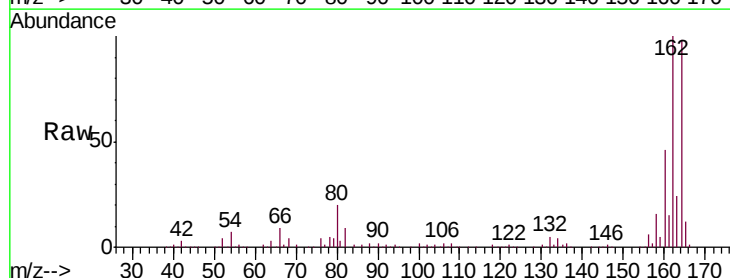
Tgt Ion: 164 Resp: 271996

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

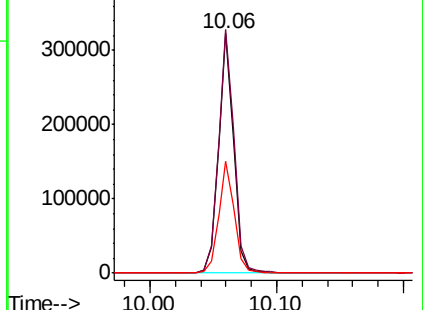
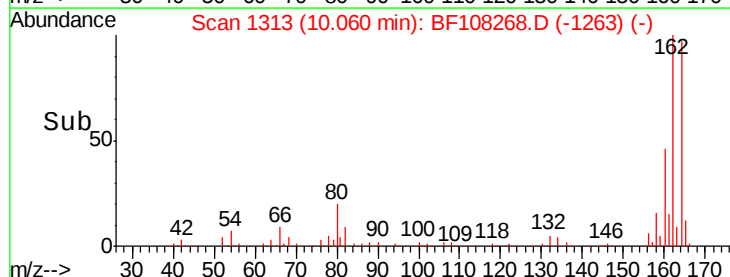
160 46.7 38.3 57.5

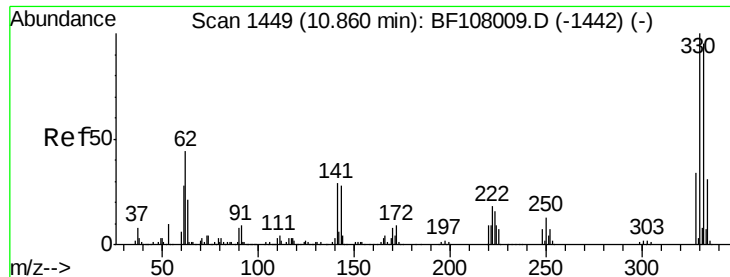


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

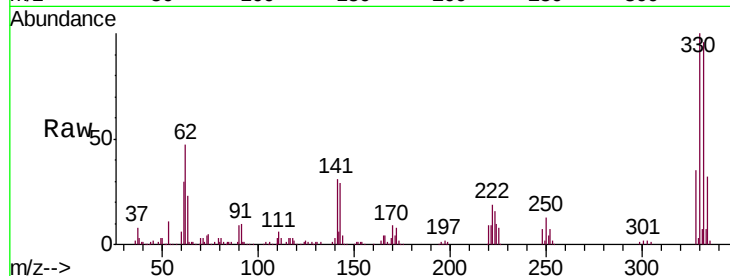




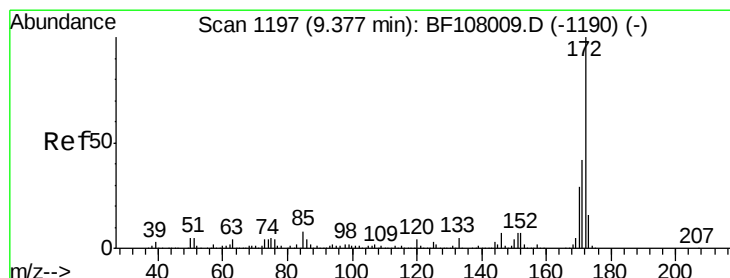
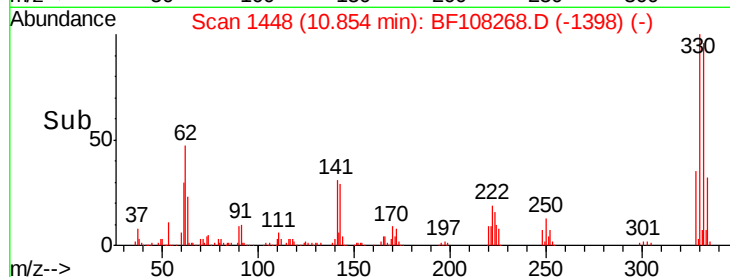
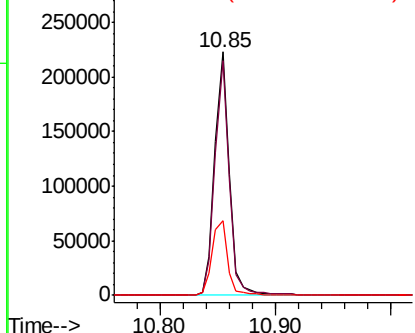
#41
 2,4,6-Tribromophenol
 Concen: 73.174 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108268.D
 Acq: 18 Aug 2018 3:14

Instrument :
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 DRUM-16

Tgt Ion:330 Resp: 198529
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 33.2 29.9 44.9

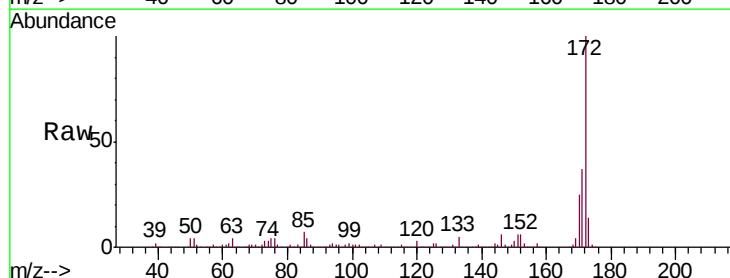


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

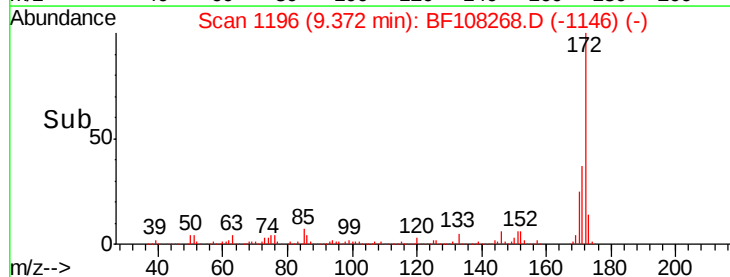
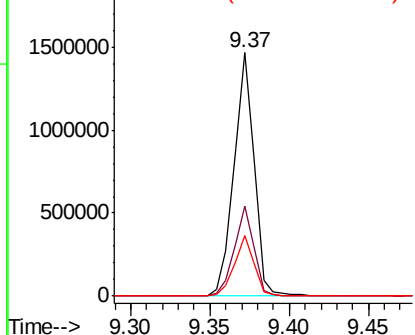


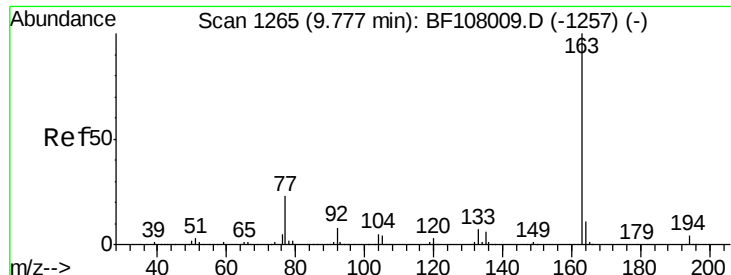
#44
 2-Fluorobiphenyl
 Concen: 77.038 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108268.D
 Acq: 18 Aug 2018 3:14

Tgt Ion:172 Resp: 1305170
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.8 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

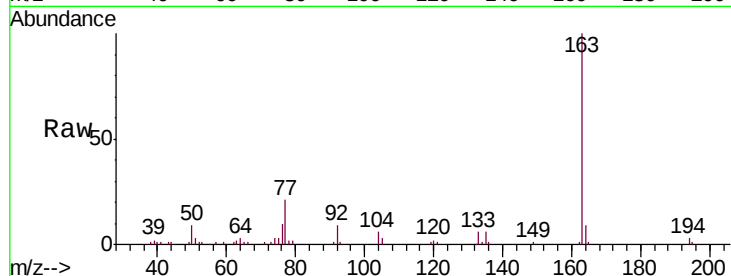




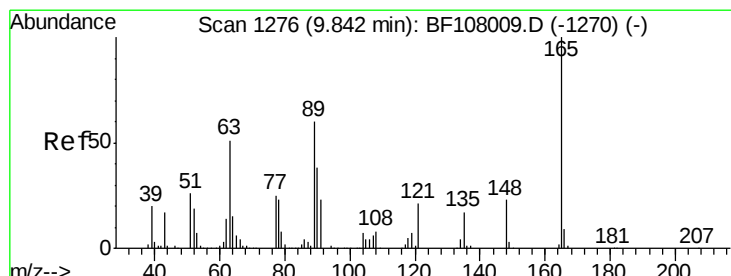
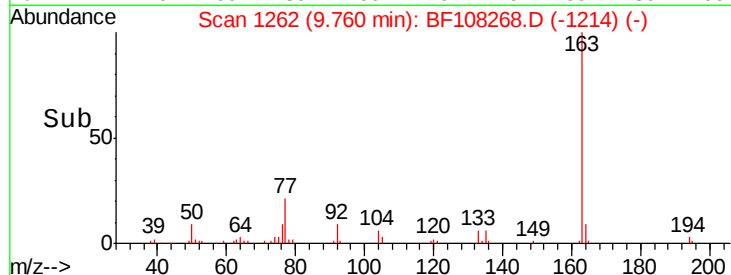
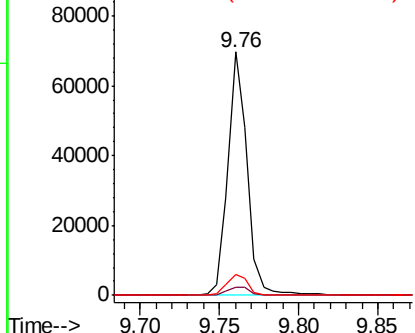
#49
Dimethylphthalate
Concen: 3.083 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108268.D
Acq: 18 Aug 2018 3:14

Instrument :
BNA_F
ClientSampleId :
DRUM-16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	8.7	8.2	12.2

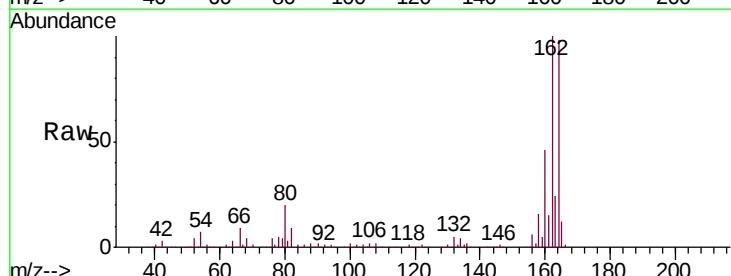


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

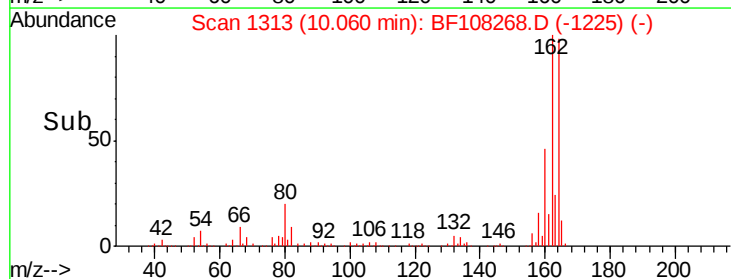
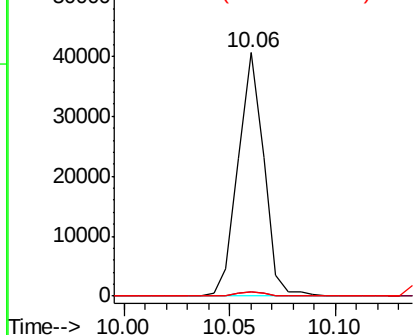


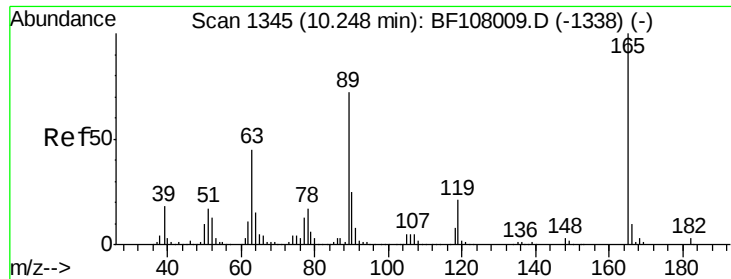
#50
2,6-Dinitrotoluene
Concen: 8.620 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108268.D
Acq: 18 Aug 2018 3:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.7	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

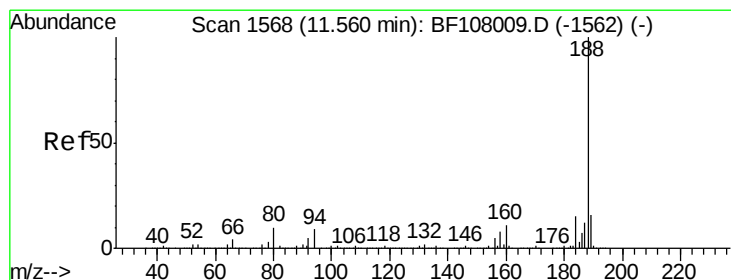
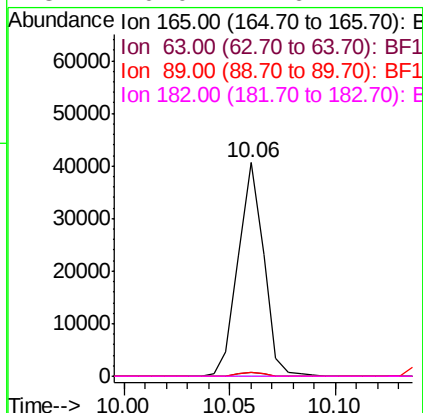
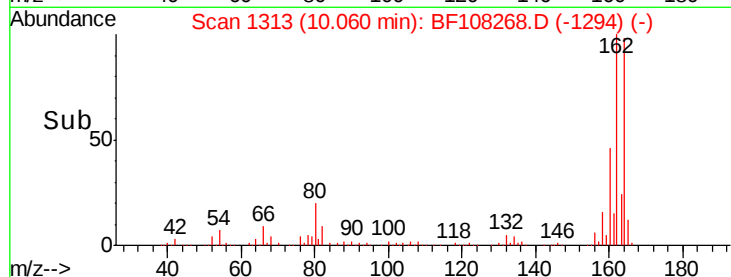
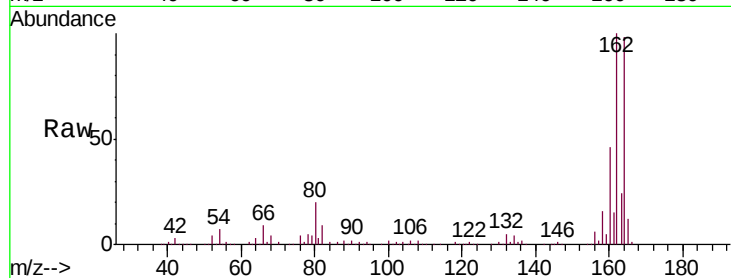




#56
2,4-Dinitrotoluene
Concen: 6.697 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108268.D
Acq: 18 Aug 2018 3:14

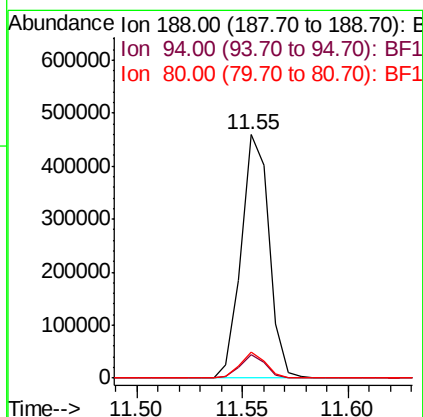
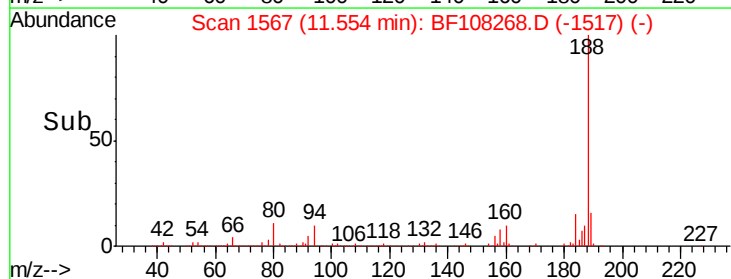
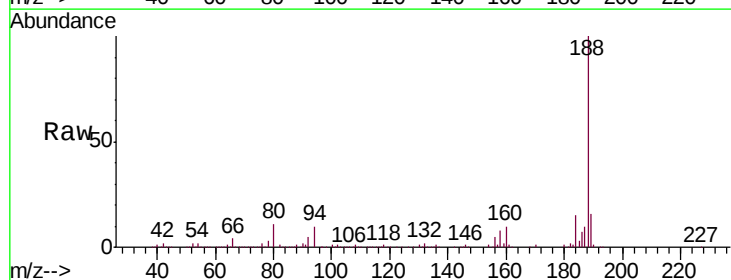
Instrument :
BNA_F
ClientSampleId :
DRUM-16

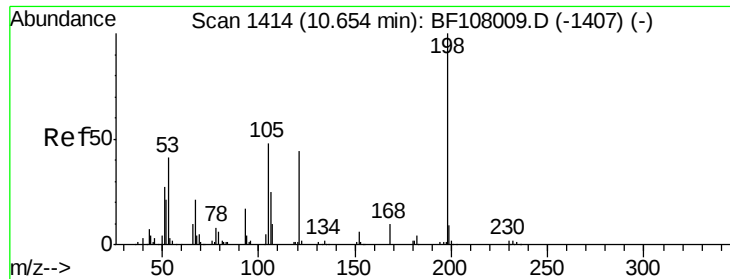
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108268.D
Acq: 18 Aug 2018 3:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.9	9.2	13.8

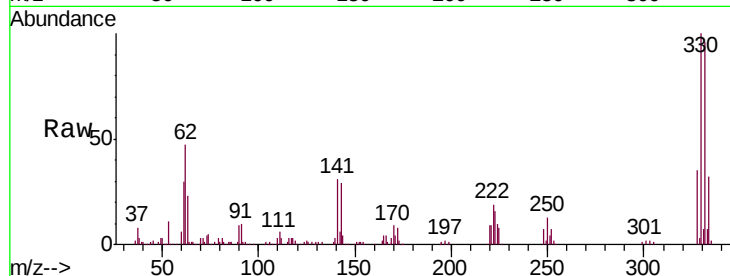




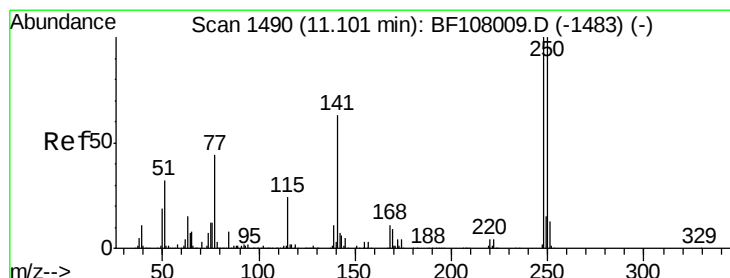
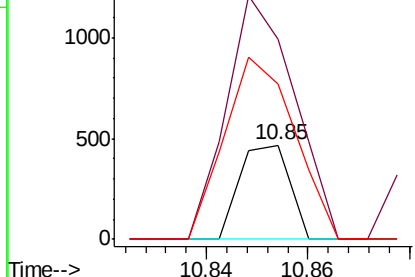
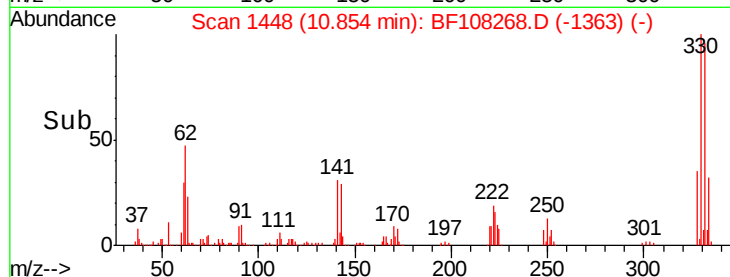
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.539 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108268.D
 Acq: 18 Aug 2018 3:14

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-16

Tgt Ion:198 Resp: 321
 Ion Ratio Lower Upper
 198 100
 51 212.9 37.7 77.7#
 105 165.7 36.3 76.3#

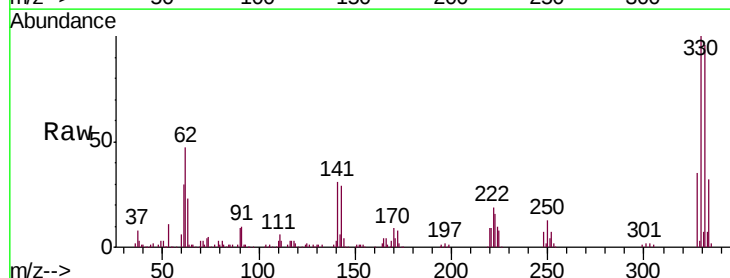


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

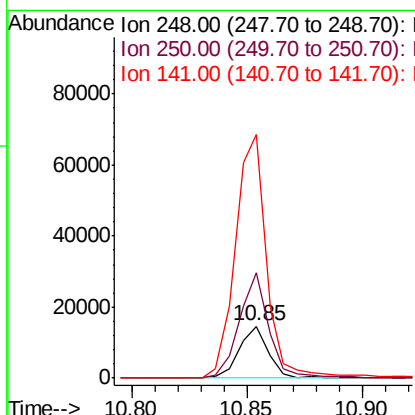
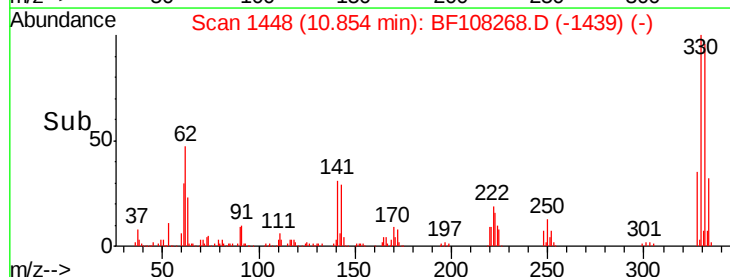


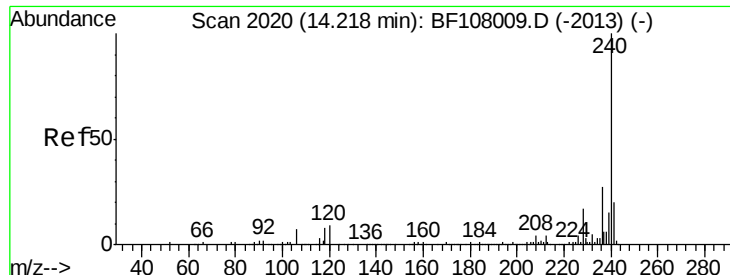
#66
 4-Bromophenyl-phenylether
 Concen: 2.784 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108268.D
 Acq: 18 Aug 2018 3:14

Tgt Ion:248 Resp: 12709
 Ion Ratio Lower Upper
 248 100
 250 204.2 76.9 115.3#
 141 470.7 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: BF108268.D

Acq: 18 Aug 2018 3:14

Instrument :

BNA_F

ClientSampleId :

DRUM-16

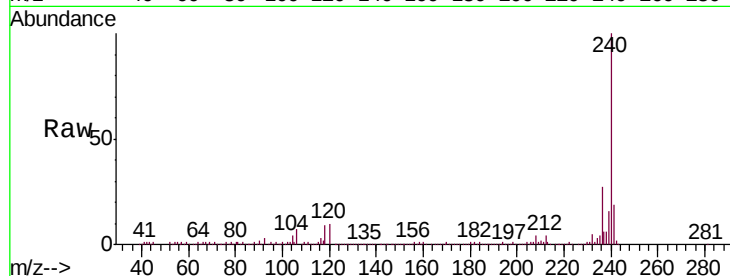
Tgt Ion:240 Resp: 384619

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

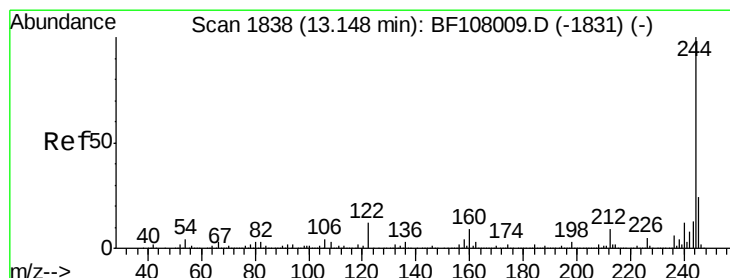
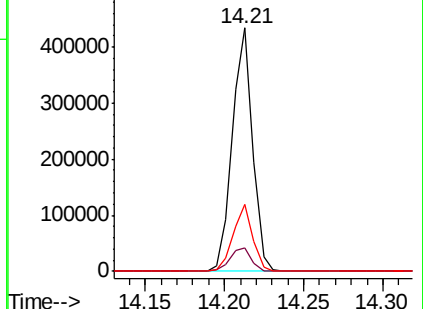
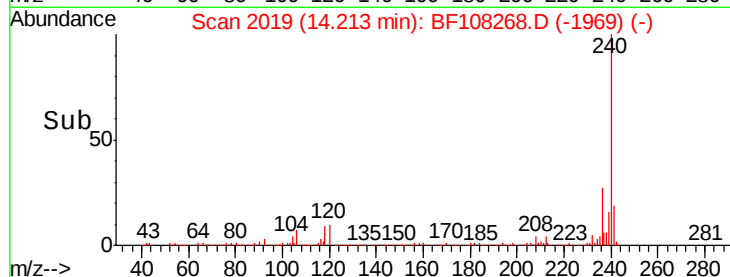
236 27.3 20.7 31.1



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: 66.946 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108268.D

Acq: 18 Aug 2018 3:14

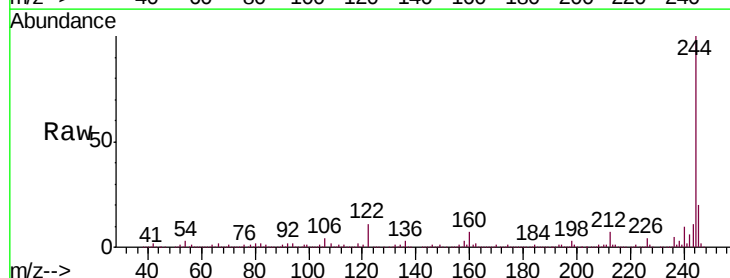
Tgt Ion:244 Resp: 1012707

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

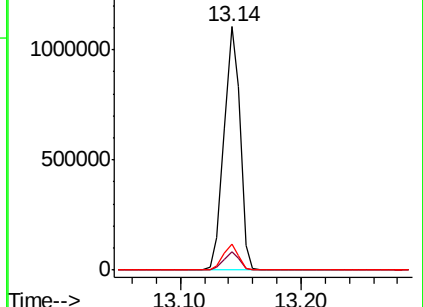
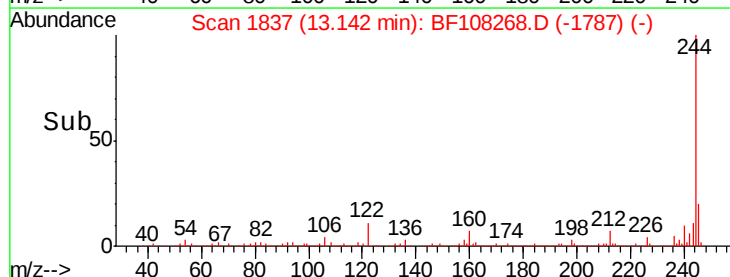
122 10.8 11.0 16.4#

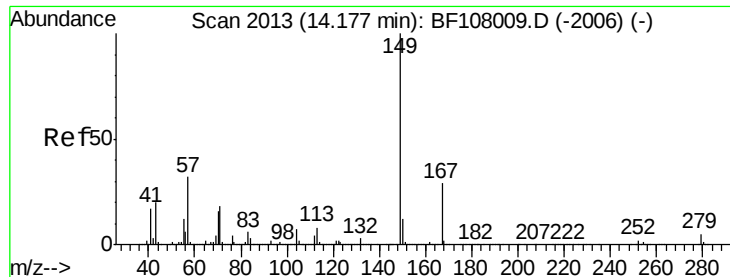


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

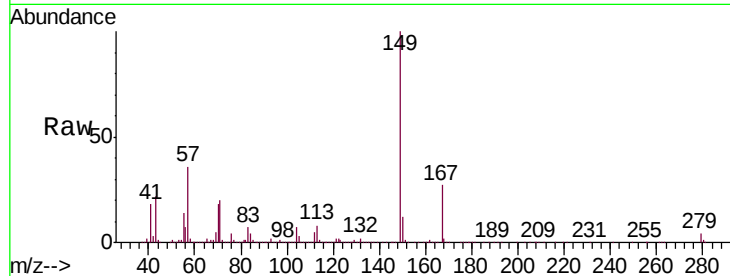




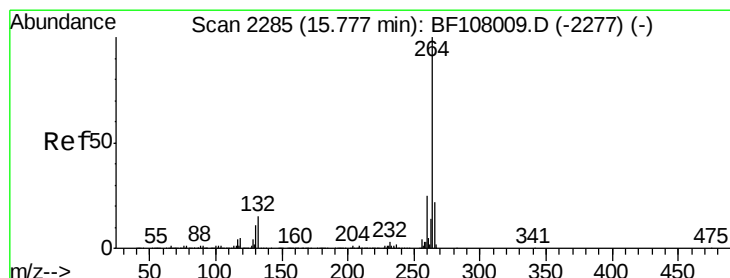
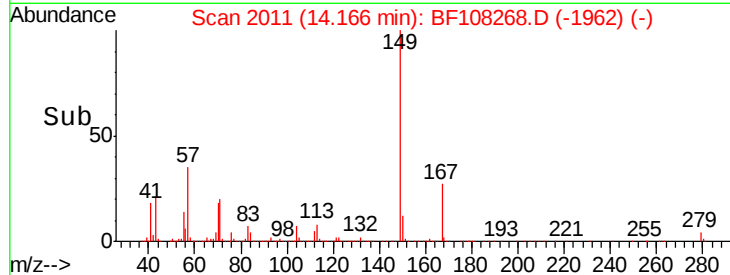
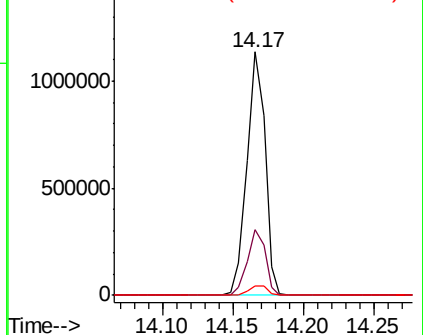
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 78.318 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108268.D
 Acq: 18 Aug 2018 3:14

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-16

Tgt Ion:149 Resp: 1025481
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 3.9 3.0 4.4

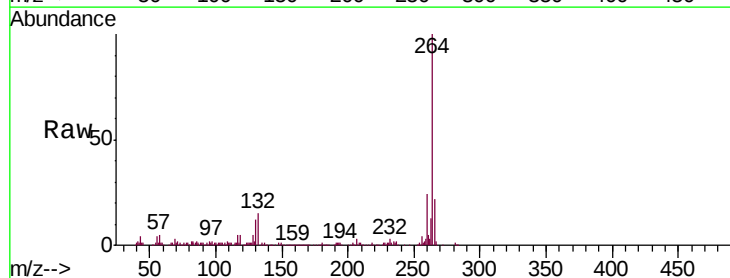


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF108268.D
 Acq: 18 Aug 2018 3:14

Tgt Ion:264 Resp: 266552
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.8 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

