

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
 Data File : BF108264.D
 Acq On : 18 Aug 2018 1:25
 Operator : JU/SJ
 Sample : J4519-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-14

Quant Time: Aug 18 03:58:20 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

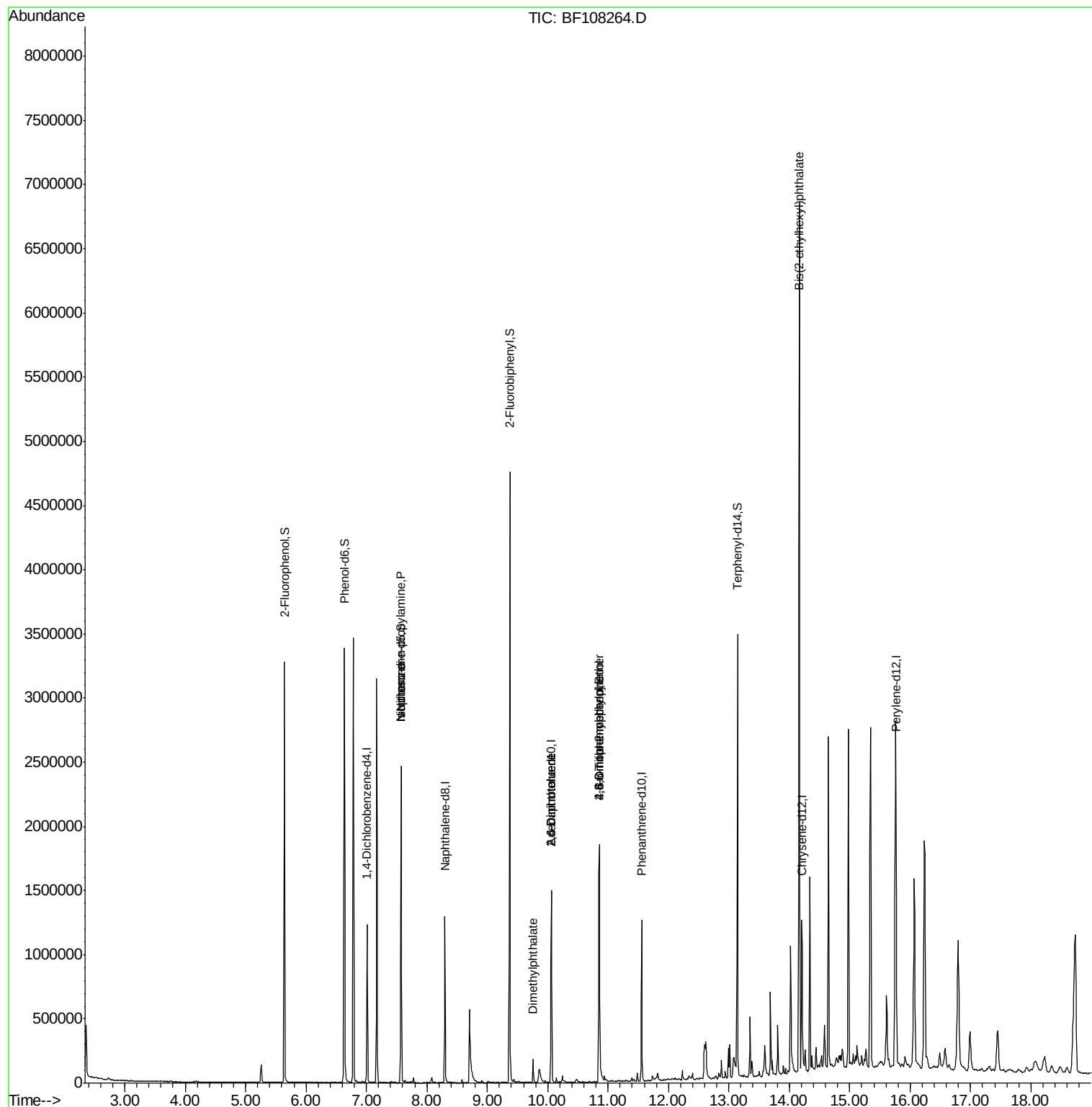
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	163751	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	604216	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	271555	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	425152	20.00	ng	0.00
75) Chrysene-d12	14.21	240	385565	20.00	ng	-0.01
86) Perylene-d12	15.77	264	254139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	794979	87.89	ng	0.01
7) Phenol-d6	6.64	99	1087417	90.47	ng	0.00
23) Nitrobenzene-d5	7.58	82	746016	68.90	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	228209	84.25	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1396595	82.57	ng	0.00
78) Terphenyl-d14	13.14	244	1116823	73.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	101068	12.435	ng	# 83
25) Isophorone	7.58	82	743899	36.044	ng	# 64
49) Dimethylphthalate	9.76	163	67456	3.566	ng	100
50) 2,6-Dinitrotoluene	10.06	165	34993	8.842	ng	# 25
56) 2,4-Dinitrotoluene	10.06	165	34993	6.869	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	492	5.632	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	14987	3.244	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.17	149	2024105	154.205	ng	# 96

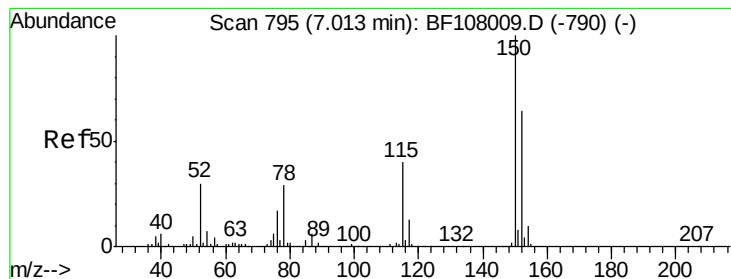
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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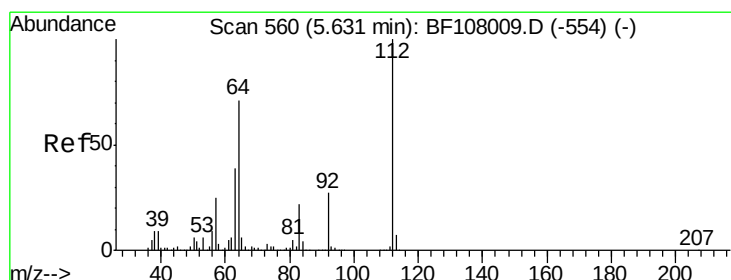
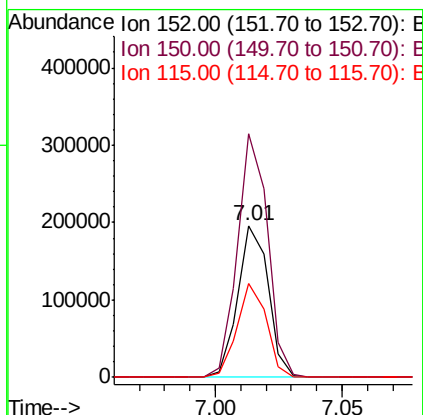
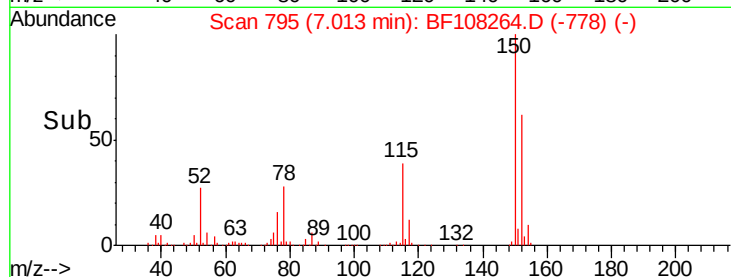
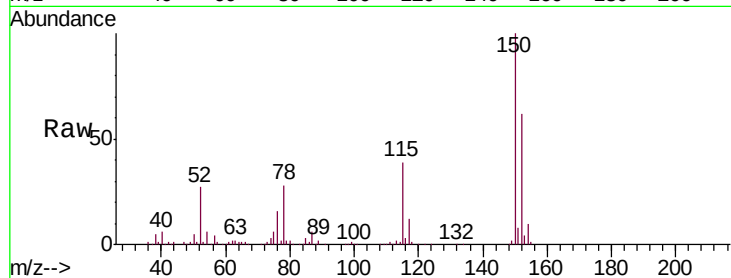


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108264.D
Acq: 18 Aug 2018 1:25

Instrument :
BNA_F
ClientSampleId :
DRUM-14

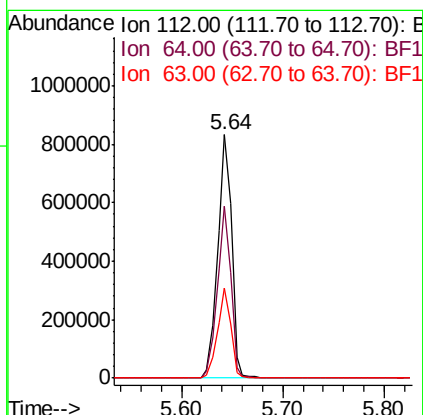
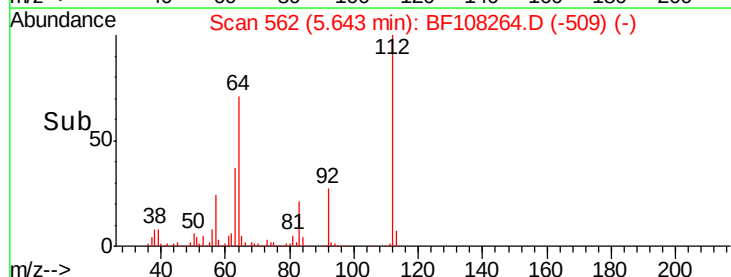
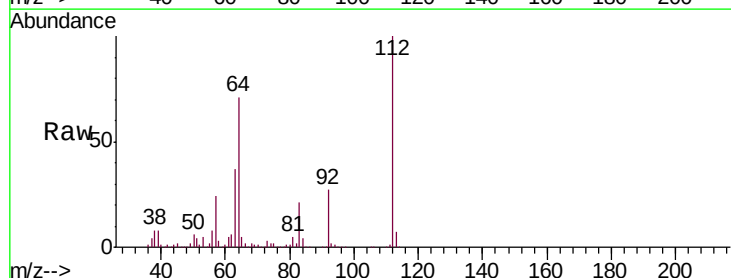
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	62.1	50.1	75.1

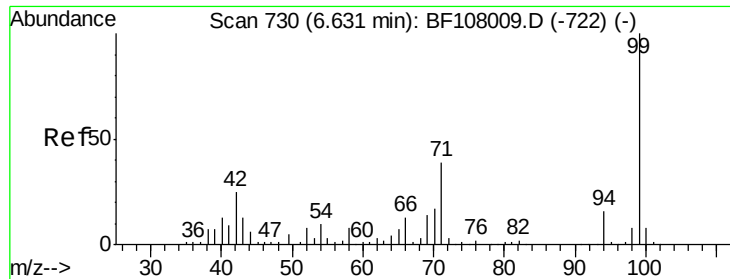


#5

2-Fluorophenol
Concen: 87.894 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108264.D
Acq: 18 Aug 2018 1:25

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





#7

Phenol-d6

Concen: 90.473 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108264.D

Acq: 18 Aug 2018 1:25

Instrument :

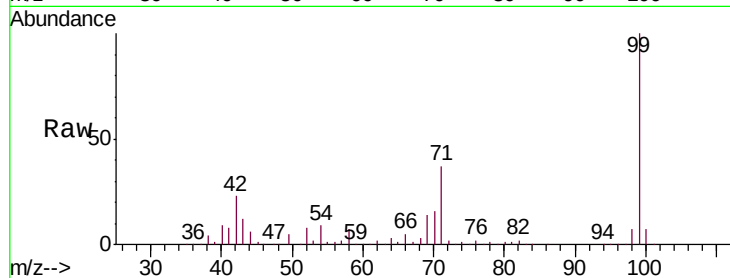
BNA_F

ClientSampled :

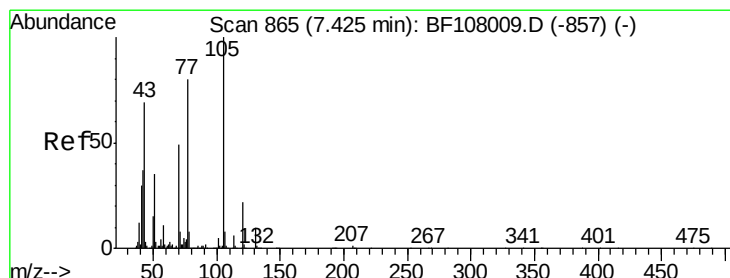
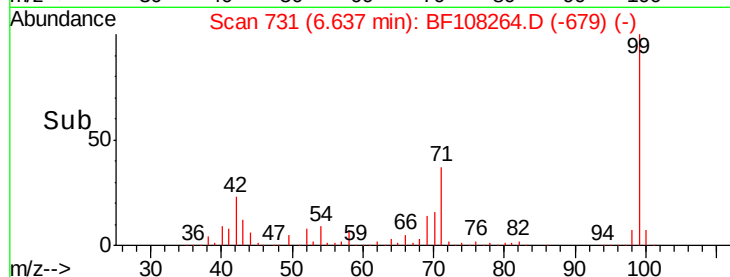
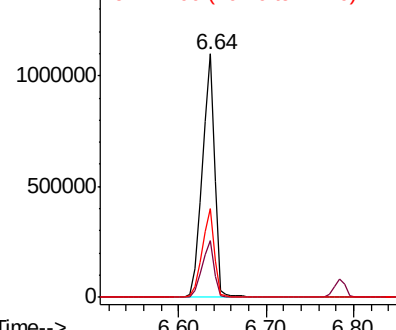
DRUM-14

Tgt Ion: 99 Resp: 1087417

Ion	Ratio	Lower	Upper
99	100		
42	23.3	14.5	21.7#
71	36.7	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: 12.435 ng

RT: 7.58 min Scan# 891

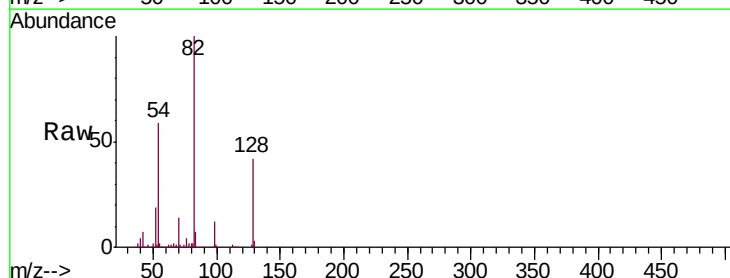
Delta R.T. 0.15 min

Lab File: BF108264.D

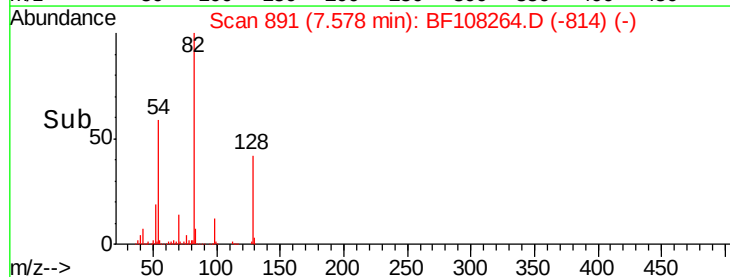
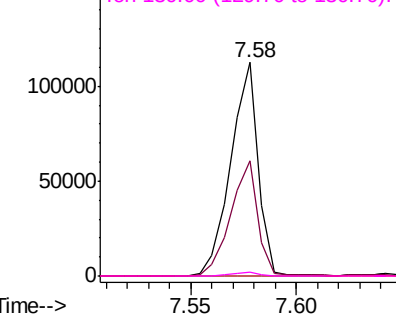
Acq: 18 Aug 2018 1:25

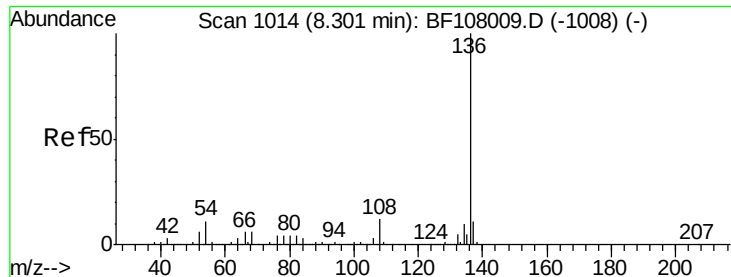
Tgt Ion: 70 Resp: 101068

Ion	Ratio	Lower	Upper
70	100		
42	53.8	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

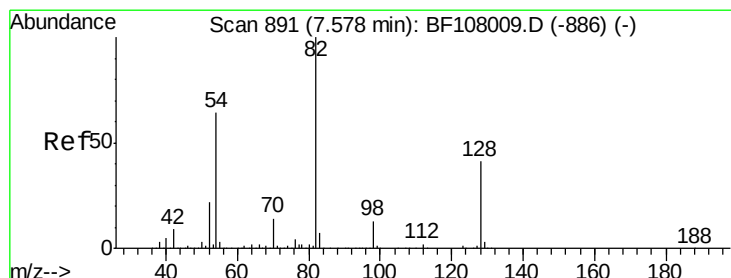
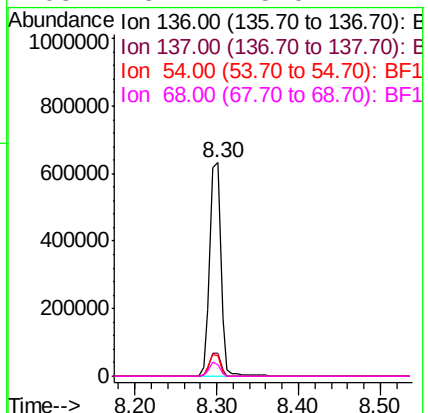
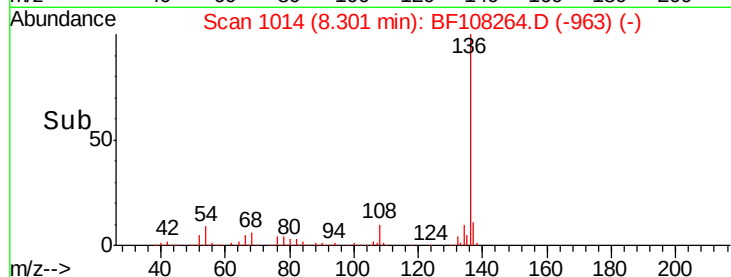
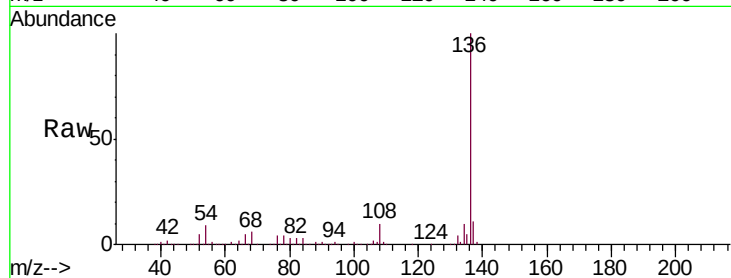




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108264.D
Acq: 18 Aug 2018 1:25

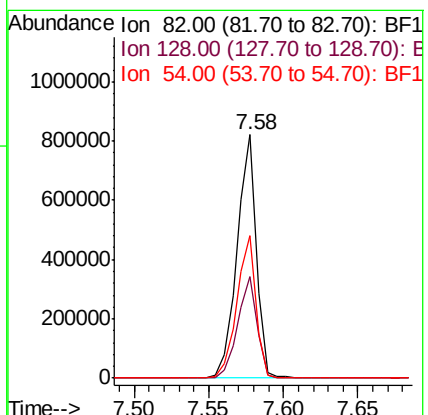
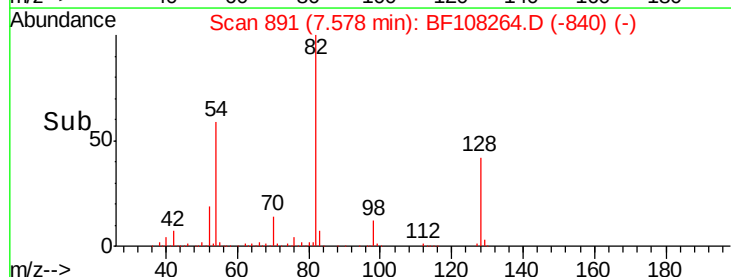
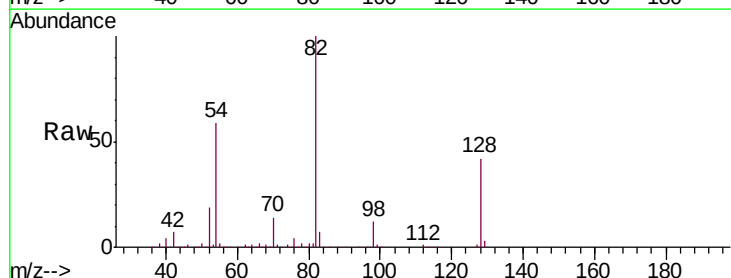
Instrument :
BNA_F
ClientSampleId :
DRUM-14

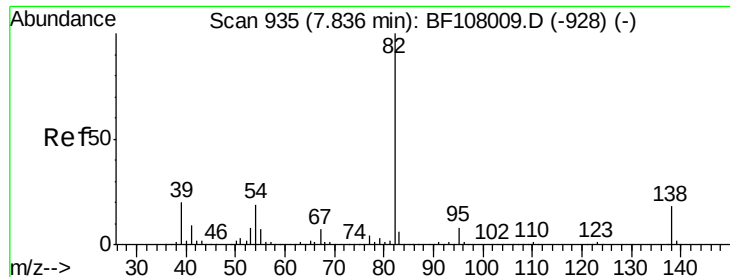
Tgt Ion:	136	Resp:	604216
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 68.897 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108264.D
Acq: 18 Aug 2018 1:25

Tgt Ion:	82	Resp:	746016
Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	58.7	41.4	62.2





#25

Isophorone

Concen: 36.044 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108264.D

Acq: 18 Aug 2018 1:25

Instrument :

BNA_F

ClientSampleId :

DRUM-14

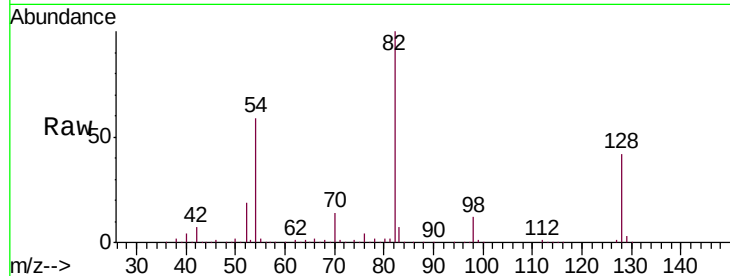
Tgt Ion: 82 Resp: 743899

Ion Ratio Lower Upper

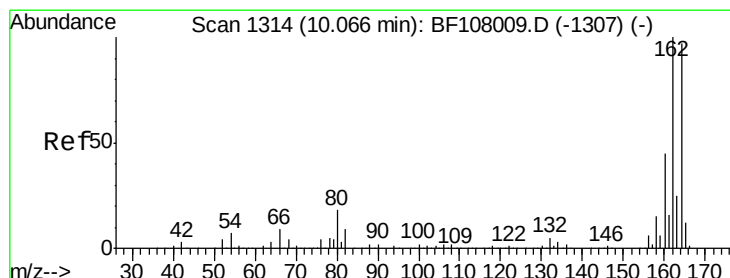
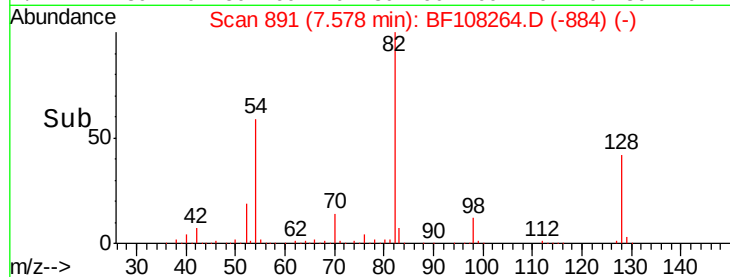
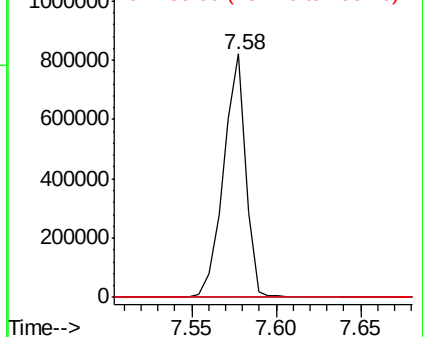
82 100

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: BF108264.D

Acq: 18 Aug 2018 1:25

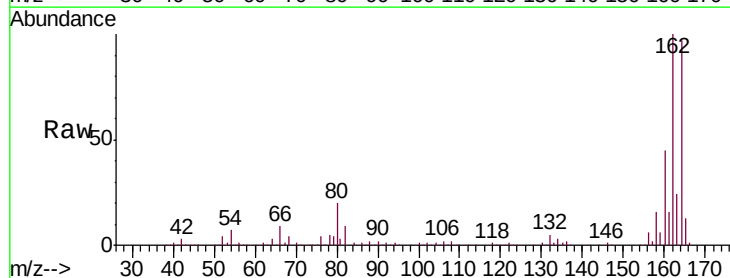
Tgt Ion: 164 Resp: 271555

Ion Ratio Lower Upper

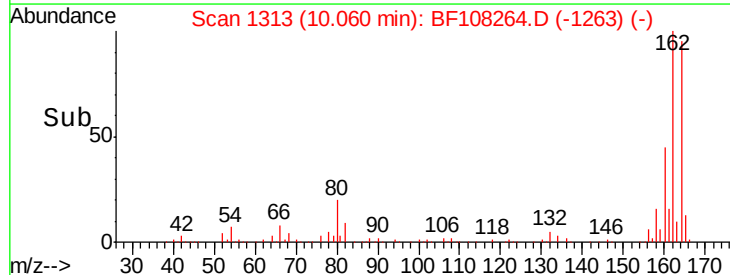
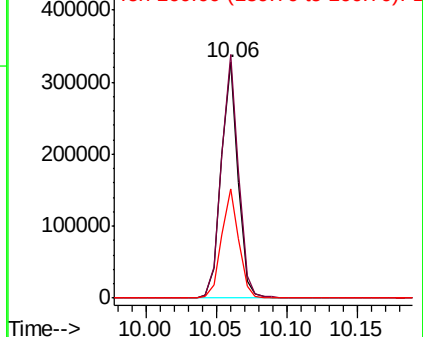
164 100

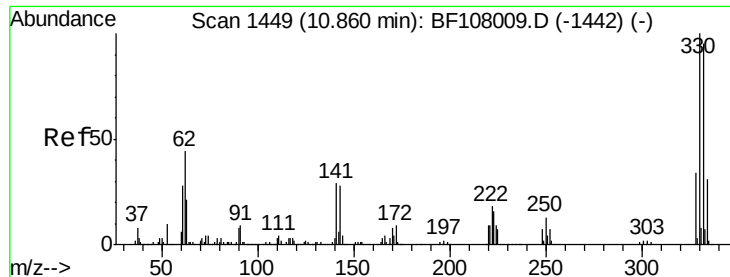
162 103.4 86.1 129.1

160 46.5 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

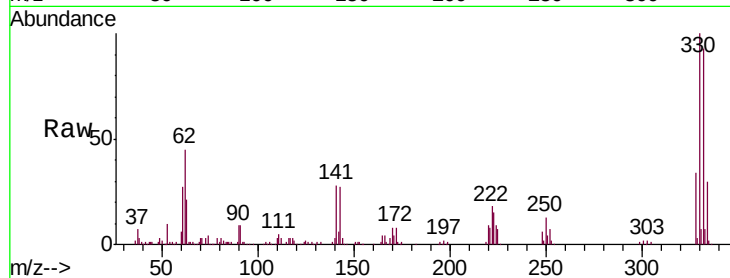




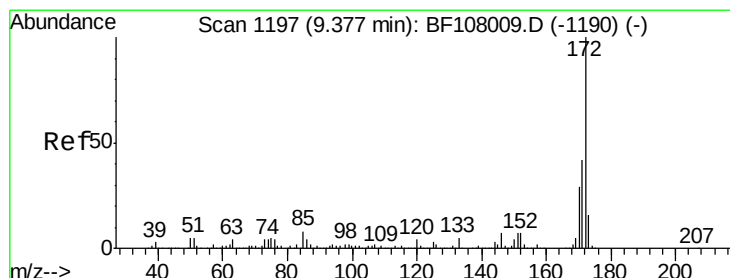
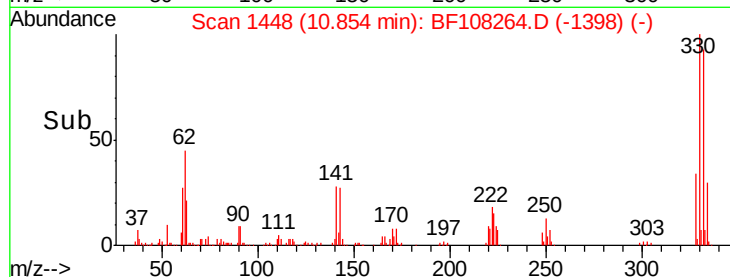
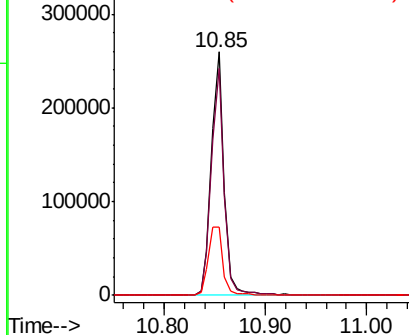
#41
 2,4,6-Tribromophenol
 Concen: 84.251 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108264.D
 Acq: 18 Aug 2018 1:25

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 DRUM-14

Tgt Ion:330 Resp: 228209
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 32.5 29.9 44.9

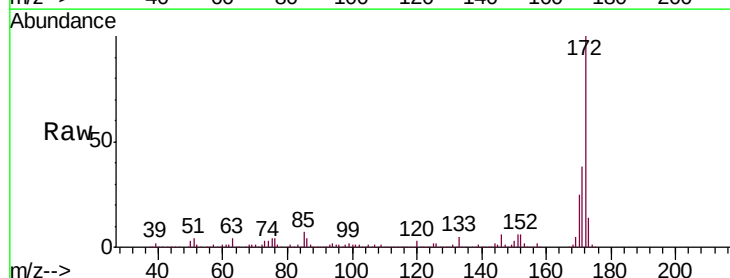


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

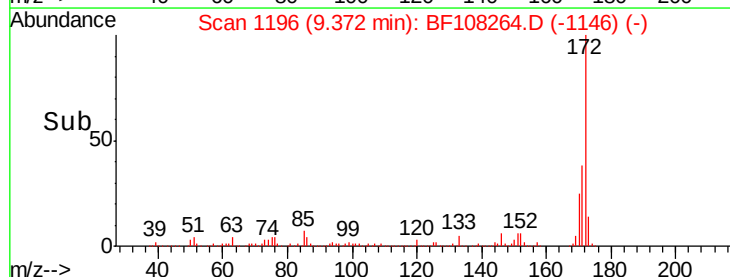
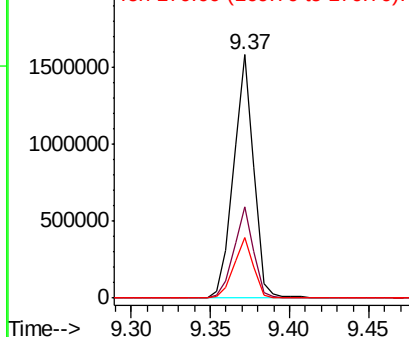


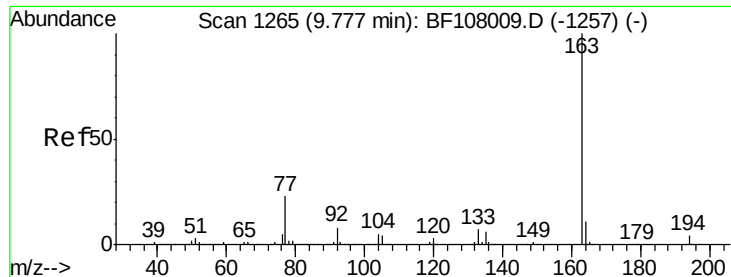
#44
 2-Fluorobiphenyl
 Concen: 82.569 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108264.D
 Acq: 18 Aug 2018 1:25

Tgt Ion:172 Resp: 1396595
 Ion Ratio Lower Upper
 172 100
 171 37.6 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

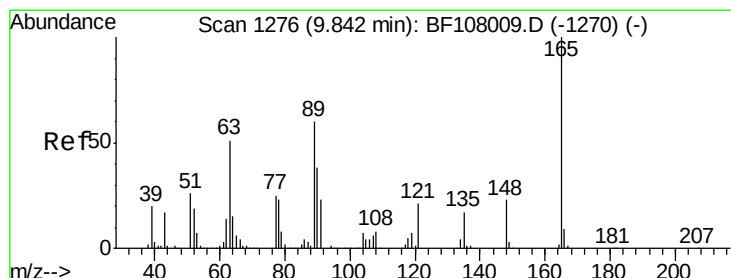
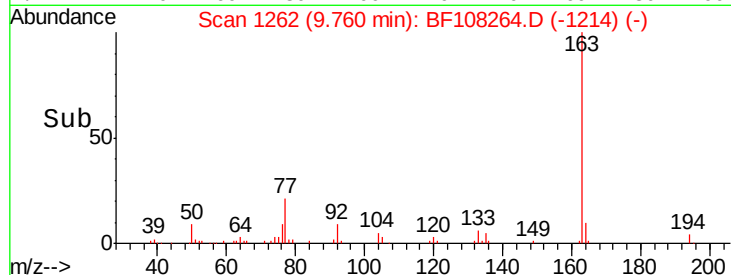
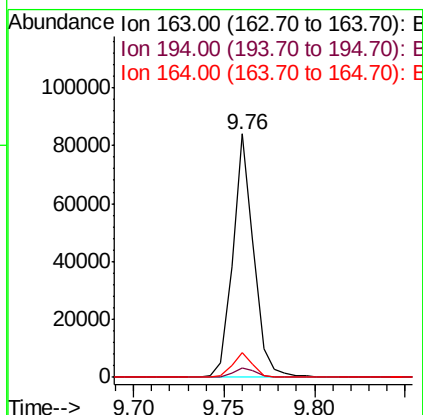
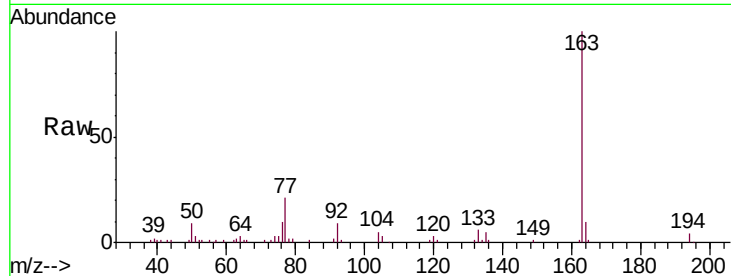




#49
Dimethylphthalate
Concen: 3.566 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108264.D
Acq: 18 Aug 2018 1:25

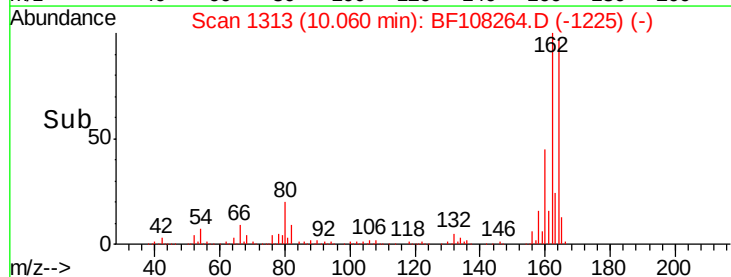
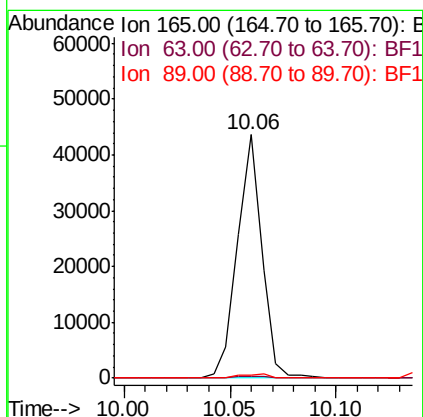
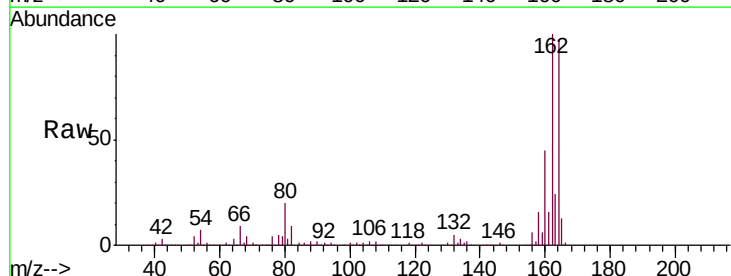
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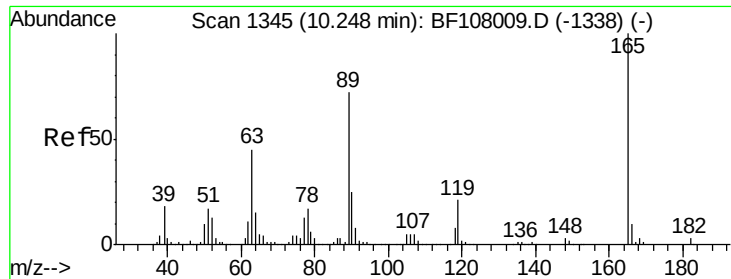
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 8.842 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108264.D
Acq: 18 Aug 2018 1:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	44.7	67.1#
89	1.3	44.0	66.0#

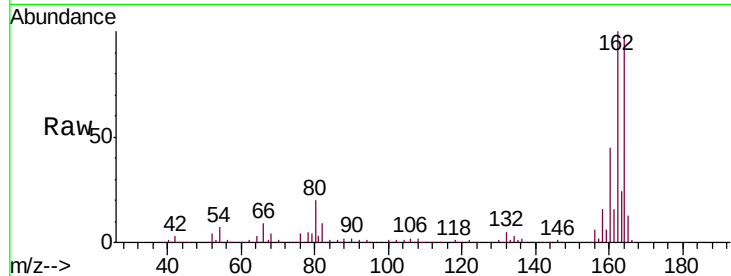




#56
 2,4-Dinitrotoluene
 Concen: 6.869 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108264.D
 Acq: 18 Aug 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-14

Tgt Ion:	165	Resp:	34993
Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

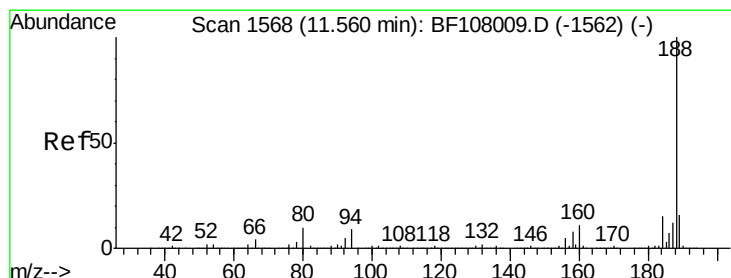
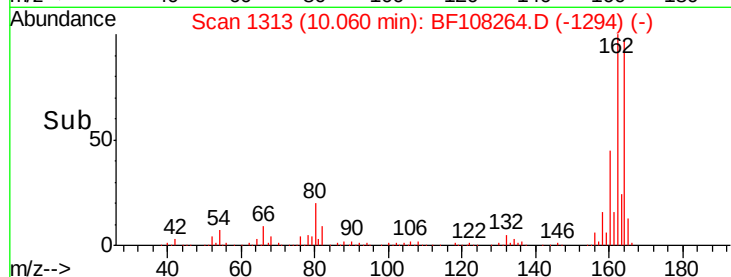
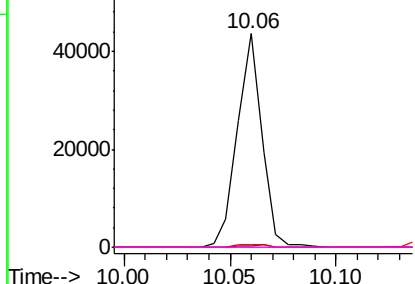


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

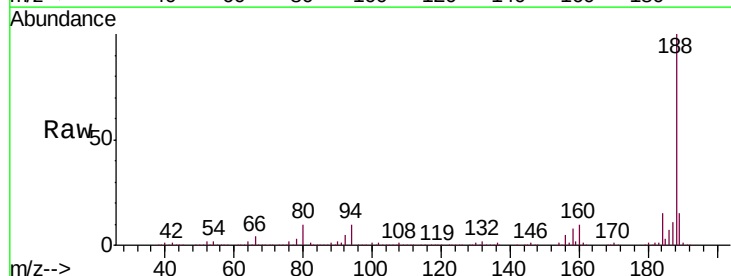
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108264.D
 Acq: 18 Aug 2018 1:25

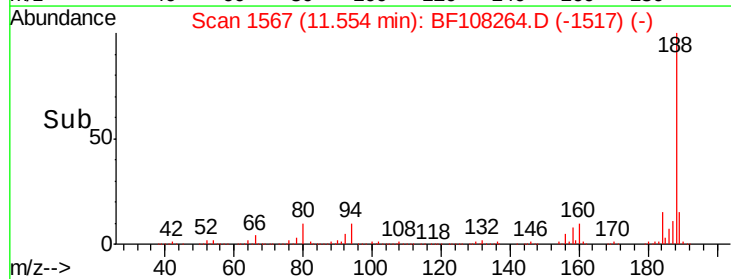
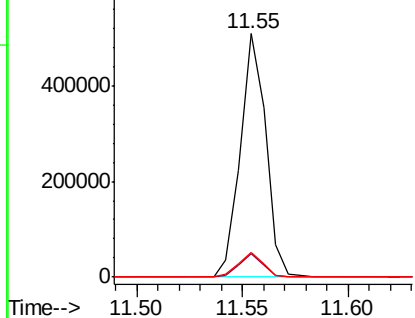
Tgt Ion:	188	Resp:	425152
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.2	9.2	13.8

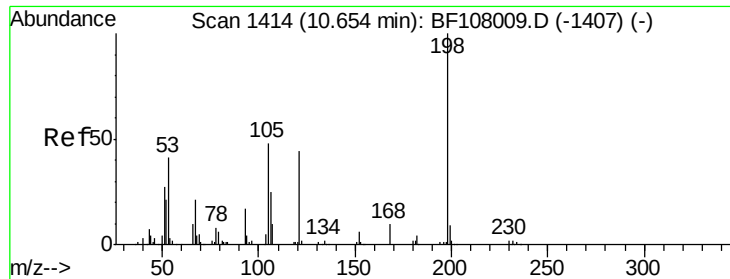


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

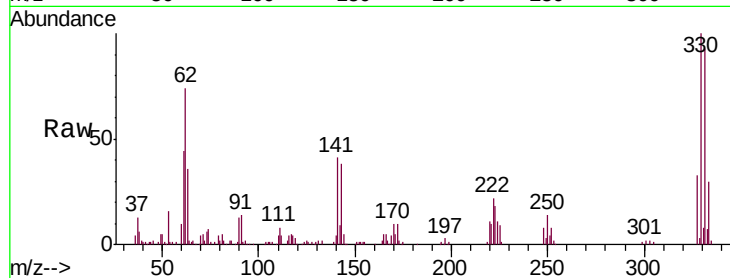




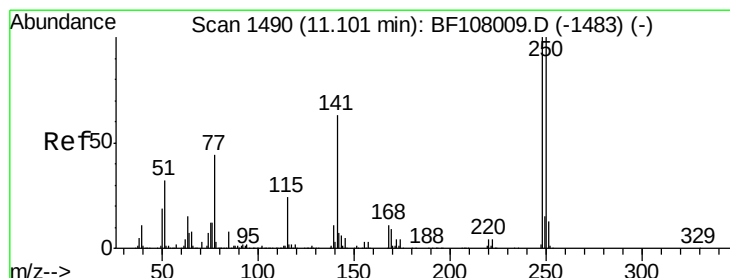
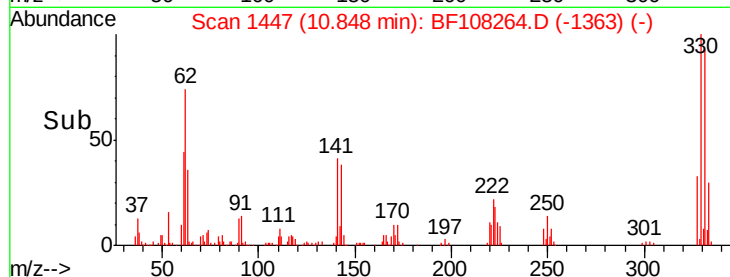
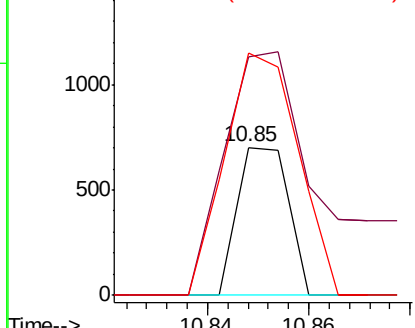
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.632 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.20 min
 Lab File: BF108264.D
 Acq: 18 Aug 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-14

Tgt Ion:198 Resp: 492
 Ion Ratio Lower Upper
 198 100
 51 161.3 37.7 77.7#
 105 164.0 36.3 76.3#

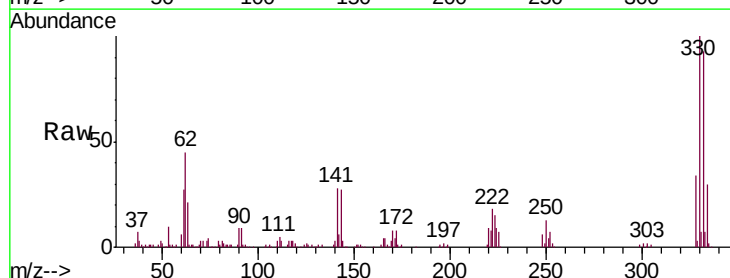


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

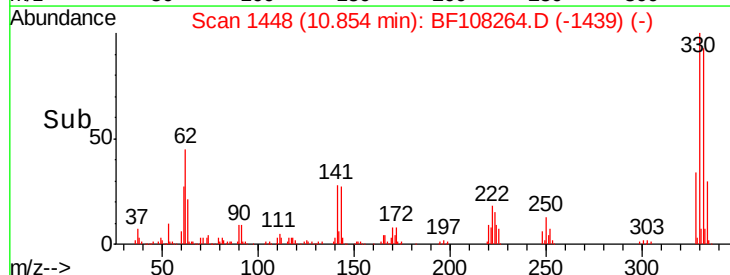
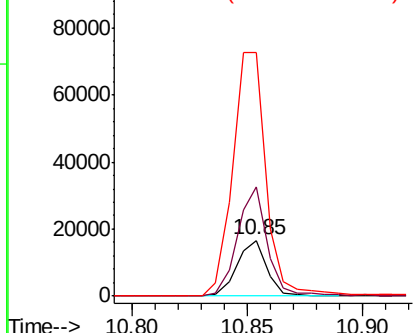


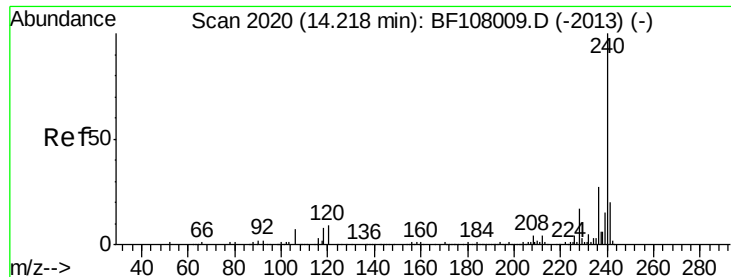
#66
 4-Bromophenyl-phenylether
 Concen: 3.244 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108264.D
 Acq: 18 Aug 2018 1:25

Tgt Ion:248 Resp: 14987
 Ion Ratio Lower Upper
 248 100
 250 196.1 76.9 115.3#
 141 438.6 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: BF108264.D

Acq: 18 Aug 2018 1:25

Instrument :

BNA_F

ClientSampleId :

DRUM-14

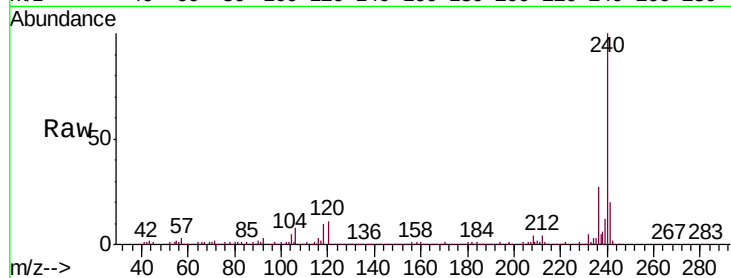
Tgt Ion:240 Resp: 385565

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

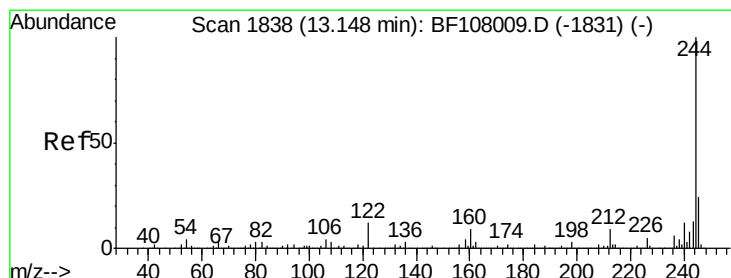
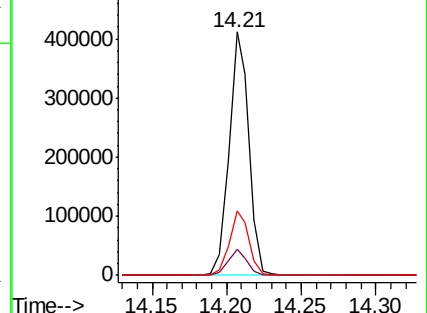
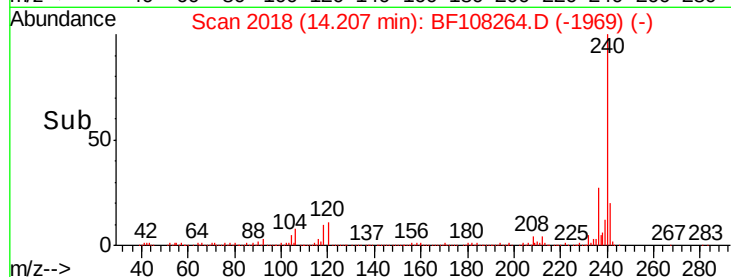
236 26.6 20.7 31.1



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: 73.648 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108264.D

Acq: 18 Aug 2018 1:25

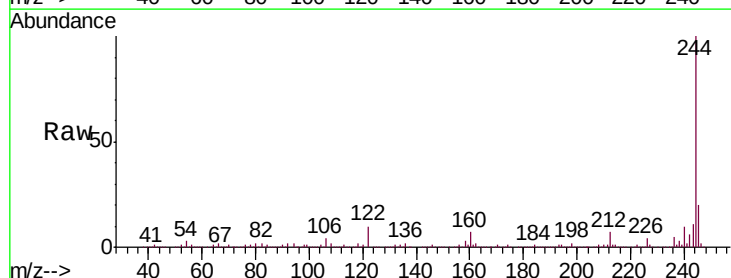
Tgt Ion:244 Resp: 1116823

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

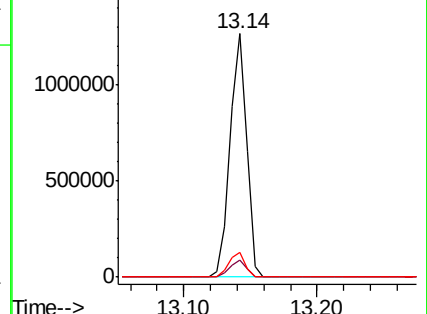
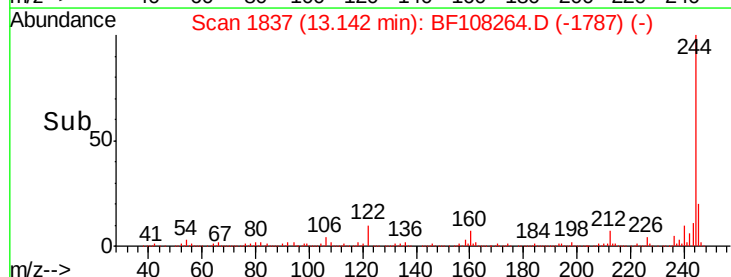
122 10.1 11.0 16.4#

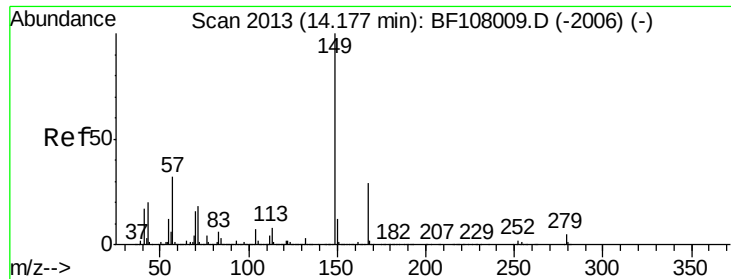


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 154.205 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF108264.D

Acq: 18 Aug 2018 1:25

Instrument :

BNA_F

ClientSampleId :

DRUM-14

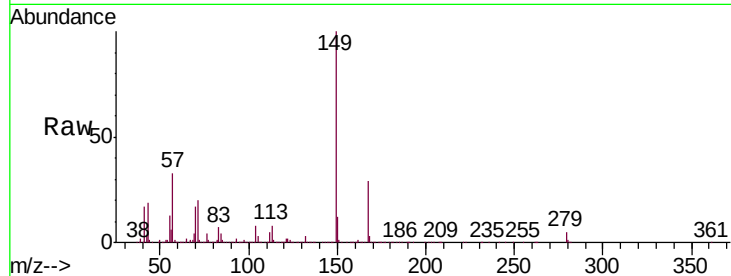
Tgt Ion:149 Resp: 2024105

Ion Ratio Lower Upper

149 100

167 28.8 21.3 31.9

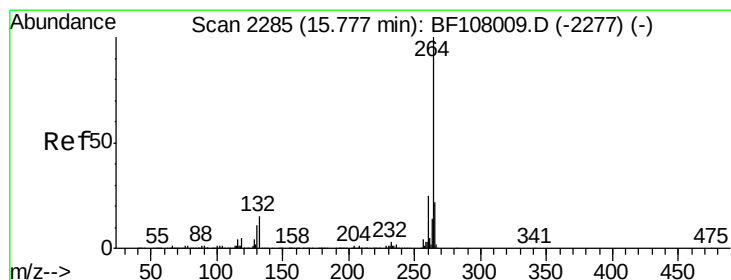
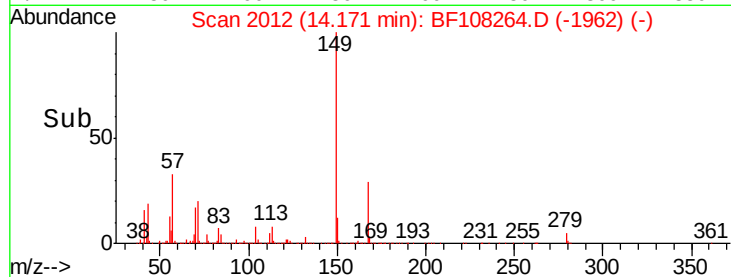
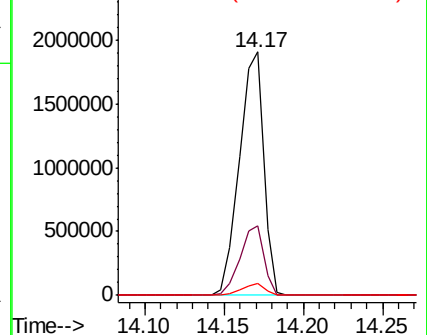
279 5.0 3.0 4.4#



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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108264.D

Acq: 18 Aug 2018 1:25

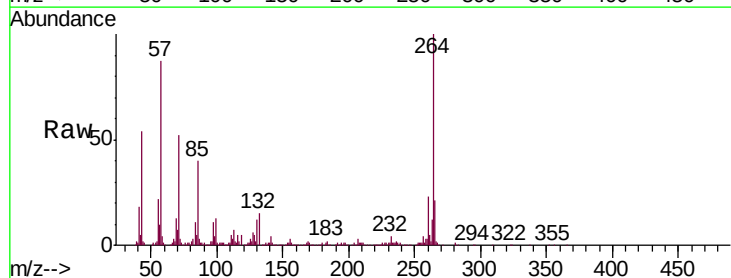
Tgt Ion:264 Resp: 254139

Ion Ratio Lower Upper

264 100

260 23.2 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

