

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
 Data File : BF108261.D
 Acq On : 18 Aug 2018 00:02
 Operator : JU/SJ
 Sample : J4501-04RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-019

Quant Time: Aug 18 01:03:31 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	164278	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	607955	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	281449	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	450856	20.00	ng	0.00
75) Chrysene-d12	14.21	240	411515	20.00	ng	-0.01
86) Perylene-d12	15.77	264	307046	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	903485	99.57	ng	0.02
7) Phenol-d6	6.64	99	1200830	99.59	ng	0.00
23) Nitrobenzene-d5	7.58	82	786449	72.18	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	263926	94.01	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1385268	79.02	ng	0.00
78) Terphenyl-d14	13.14	244	1153697	71.28	ng	0.00

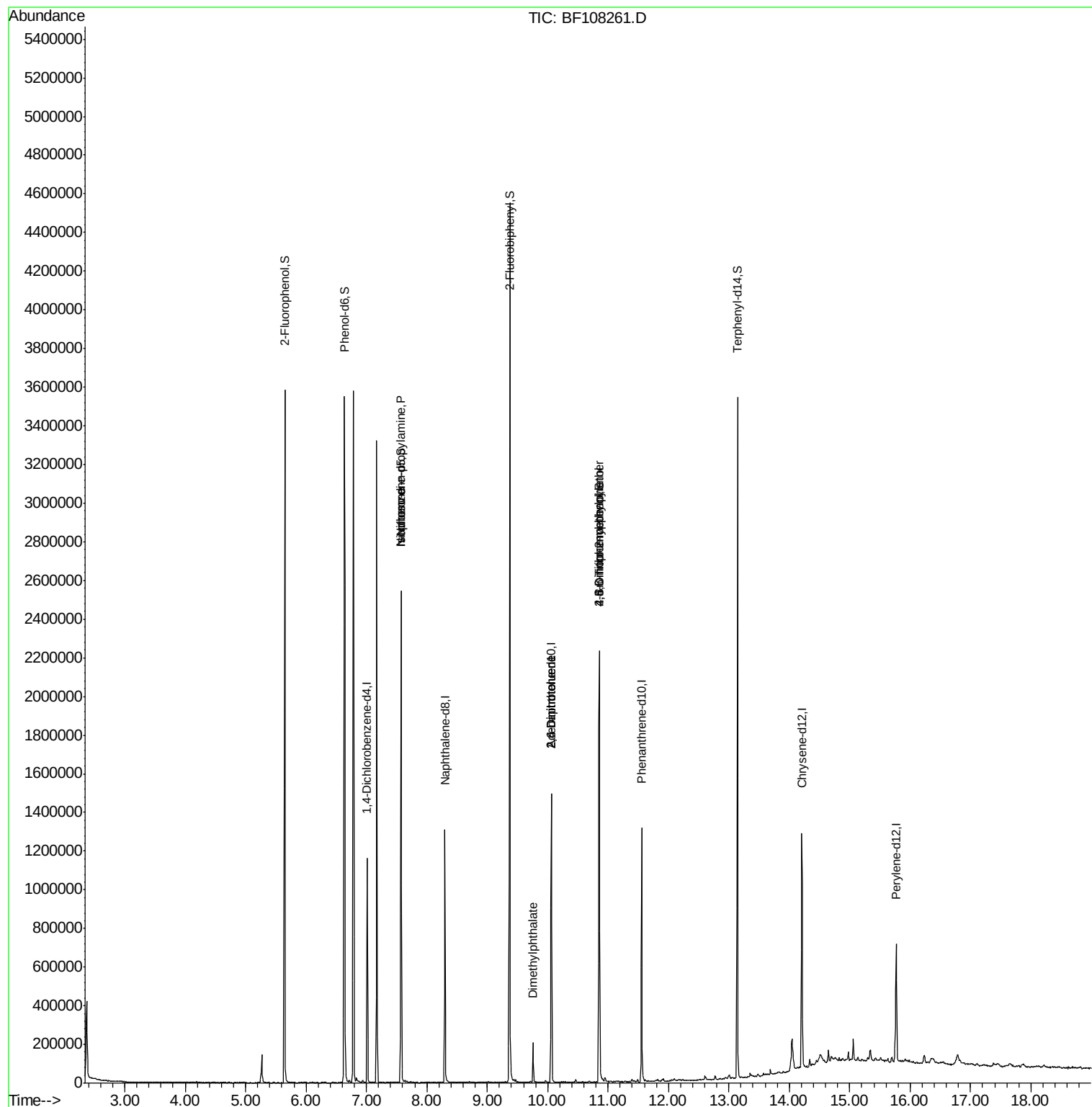
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	106205	13.025	ng	# 83
25) Isophorone	7.58	82	784233	37.765	ng	# 64
49) Dimethylphthalate	9.76	163	75064	3.829	ng	# 99
50) 2,6-Dinitrotoluene	10.06	165	36077	8.795	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	36077	6.833	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	486	5.614	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	17978	3.669	ng	# 1

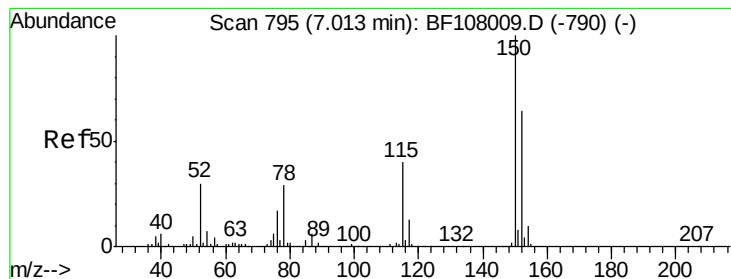
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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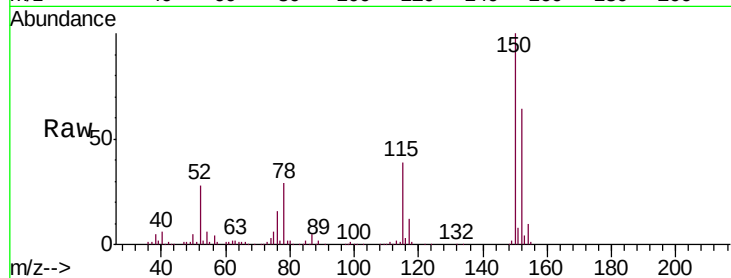


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108261.D
Acq: 18 Aug 2018 00:02

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-019

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	61.6	50.1	75.1

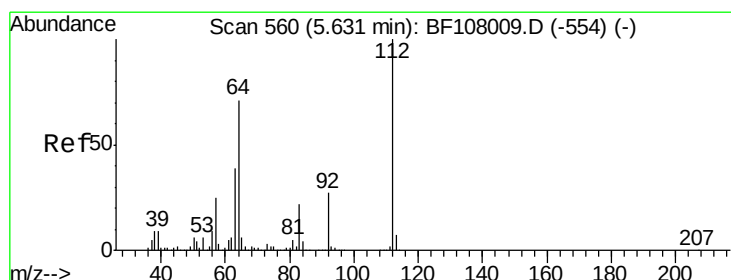
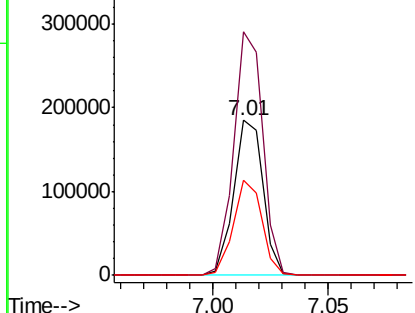
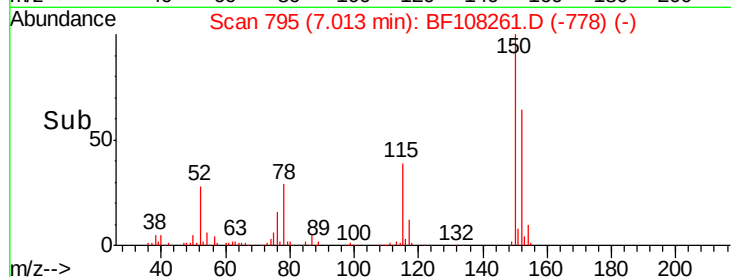


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

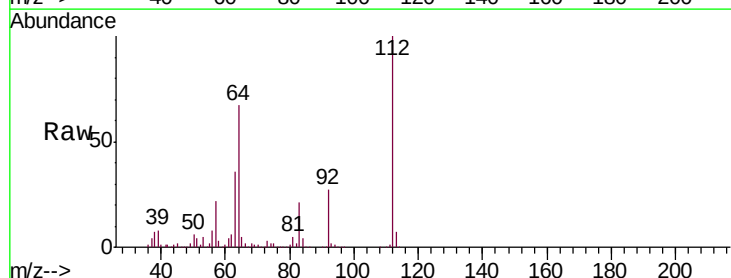
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.570 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108261.D
Acq: 18 Aug 2018 00:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	47.9	71.9
63	35.9	23.7	35.5#

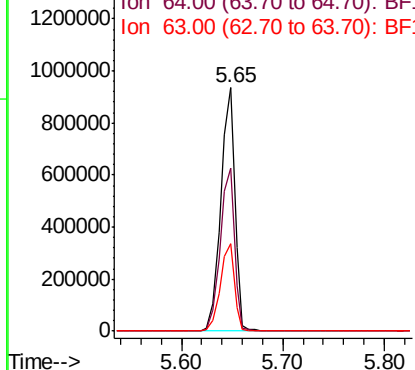
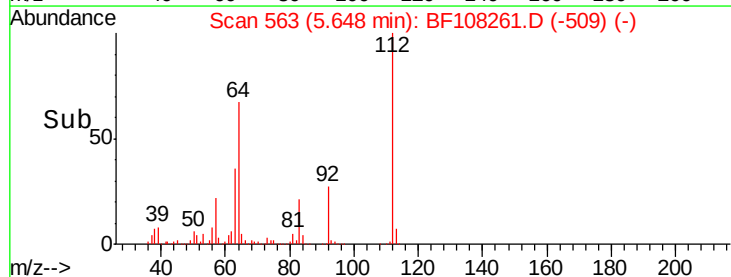


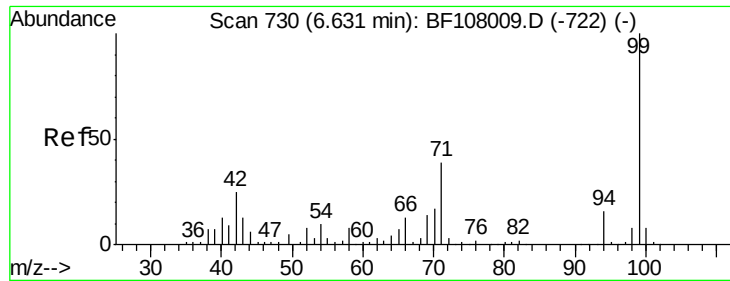
Abundance

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: 99.588 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108261.D

Acq: 18 Aug 2018 00:02

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-019

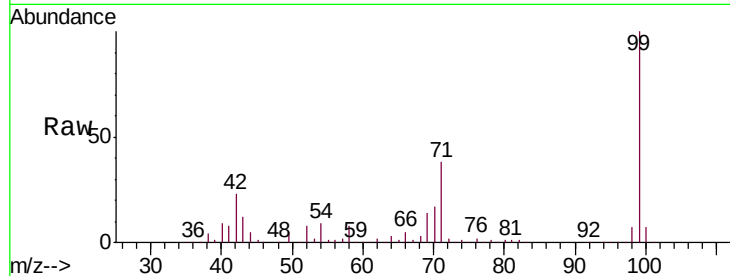
Tgt Ion: 99 Resp: 1200830

Ion Ratio Lower Upper

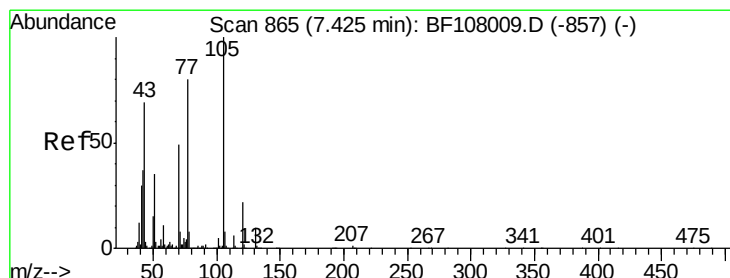
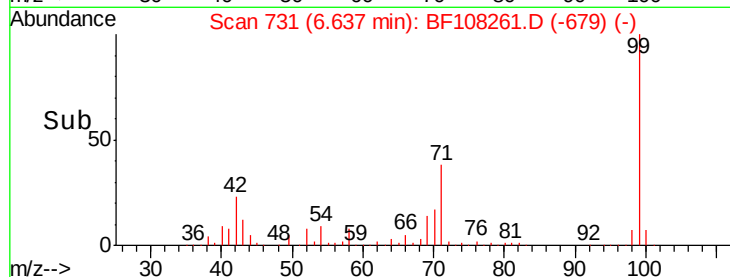
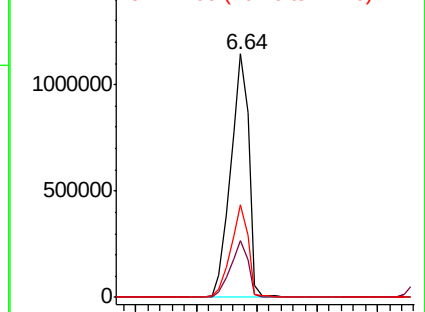
99 100

42 23.3 14.5 21.7#

71 38.0 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: 13.025 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108261.D

Acq: 18 Aug 2018 00:02

Tgt Ion: 70 Resp: 106205

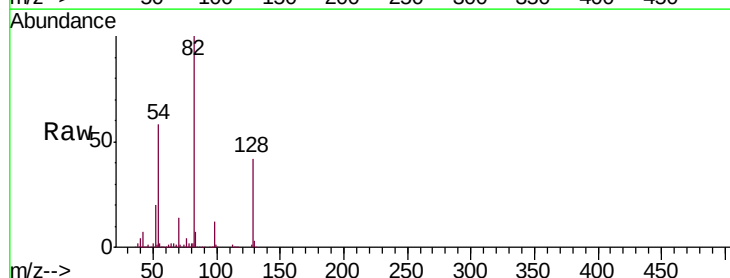
Ion Ratio Lower Upper

70 100

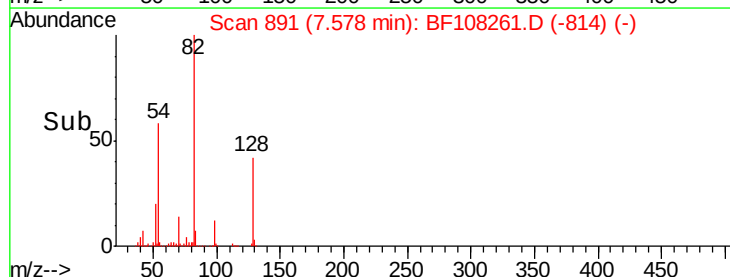
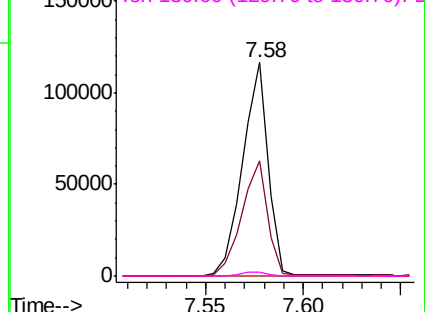
42 53.7 47.5 71.3

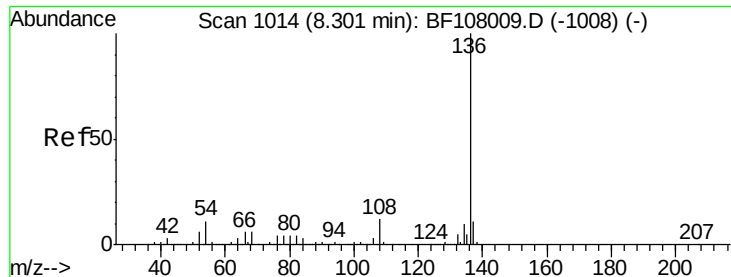
101 0.0 7.4 11.2#

130 1.8 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

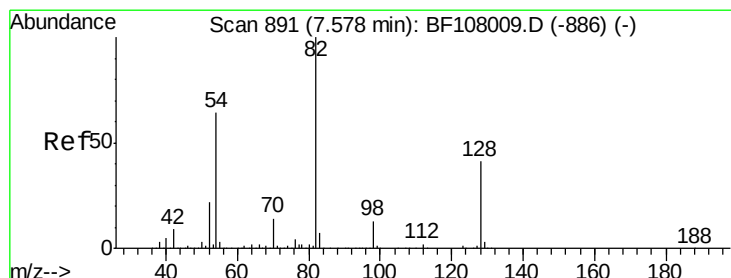
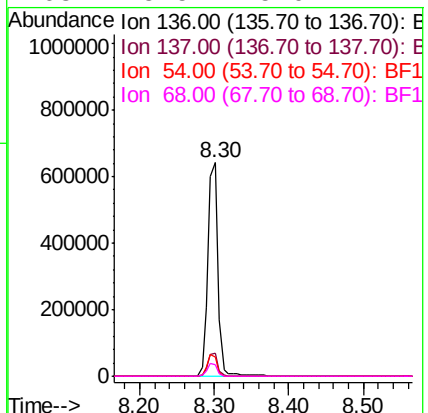
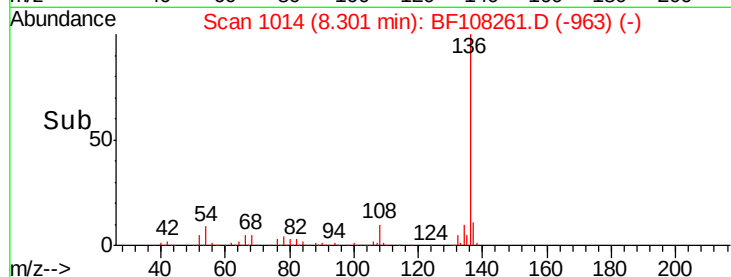
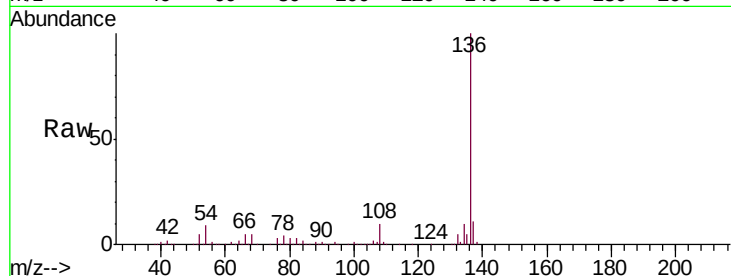




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108261.D
Acq: 18 Aug 2018 00:02

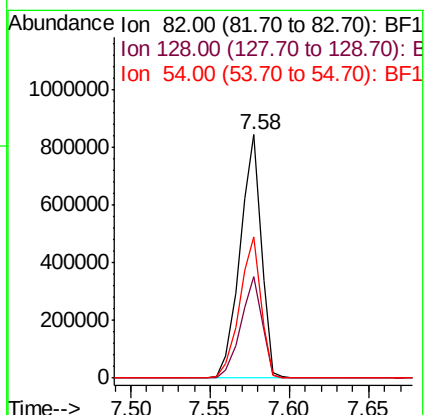
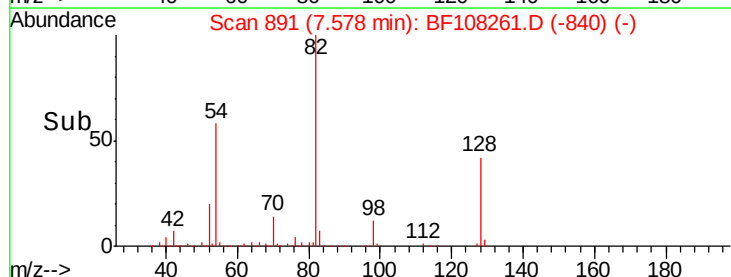
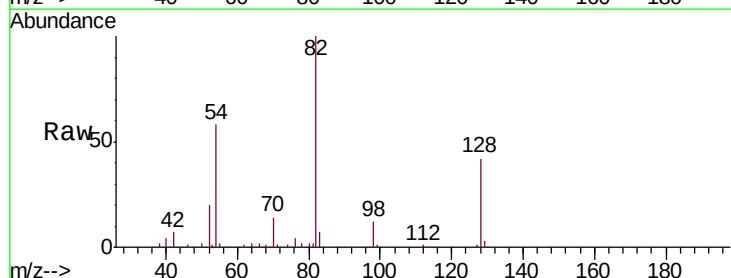
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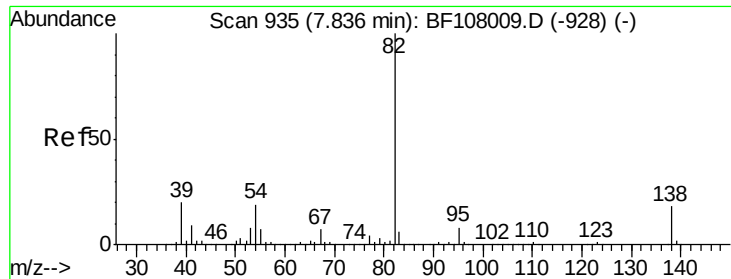
Tgt Ion:	136	Resp:	607955
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.0	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 72.185 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108261.D
Acq: 18 Aug 2018 00:02

Tgt Ion:	82	Resp:	786449
Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	58.2	41.4	62.2





#25

Isophorone

Concen: 37.765 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108261.D

Acq: 18 Aug 2018 00:02

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-019

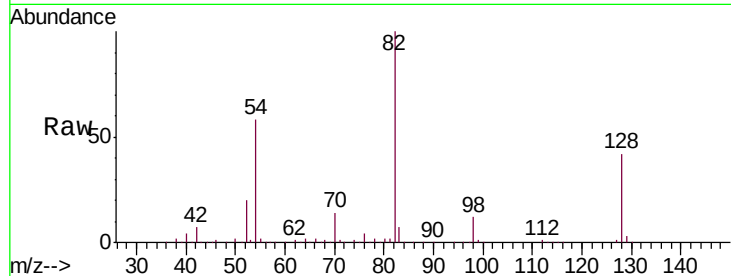
Tgt Ion: 82 Resp: 784233

Ion Ratio Lower Upper

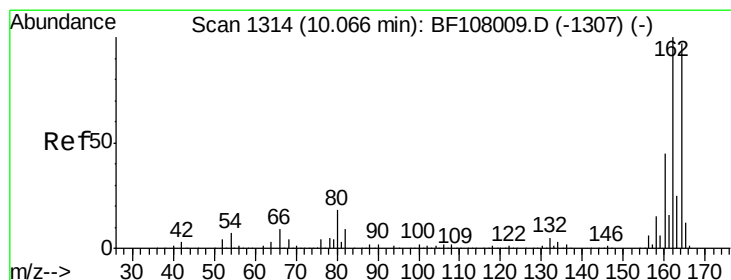
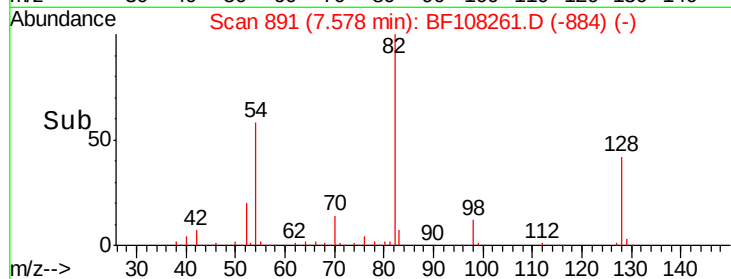
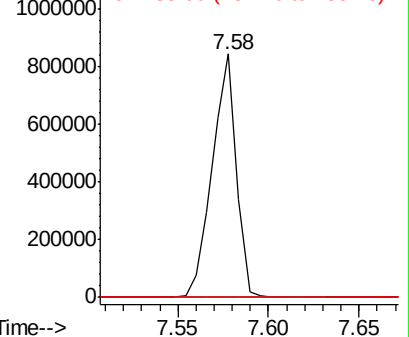
82 100

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: BF108261.D

Acq: 18 Aug 2018 00:02

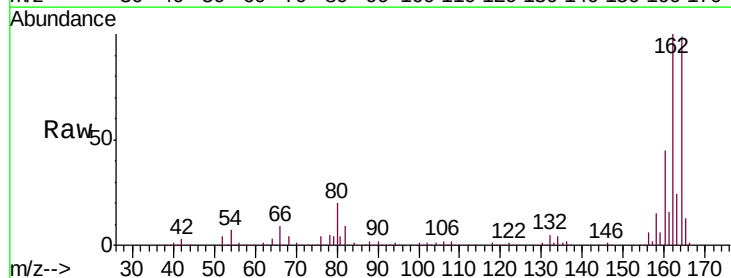
Tgt Ion: 164 Resp: 281449

Ion Ratio Lower Upper

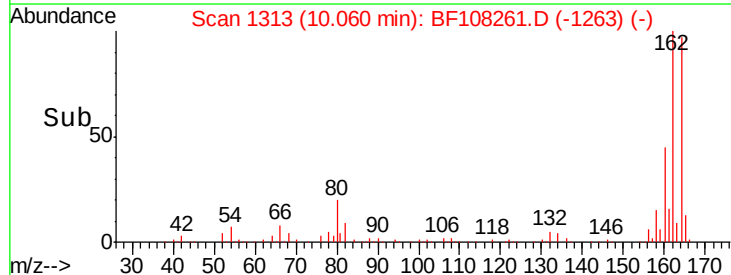
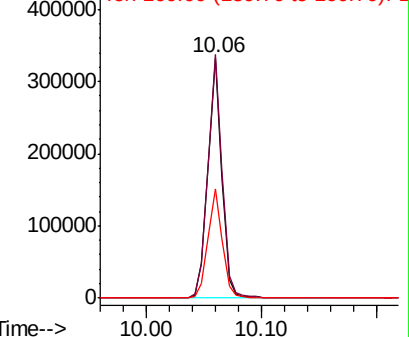
164 100

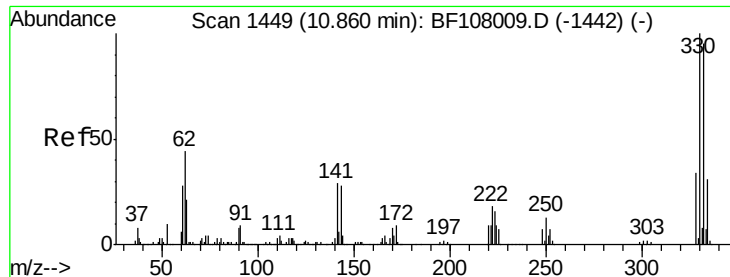
162 101.5 86.1 129.1

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

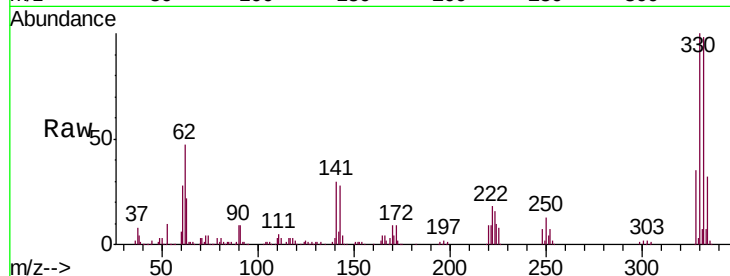




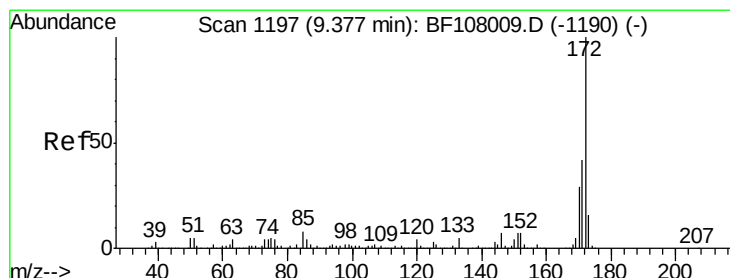
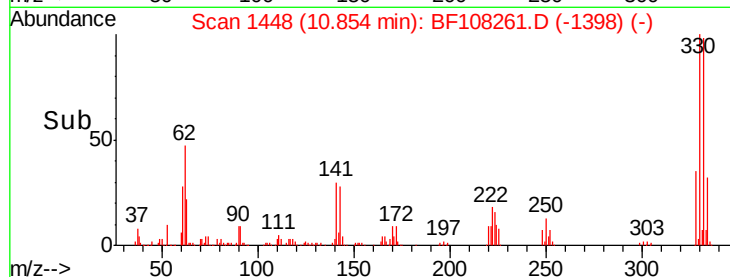
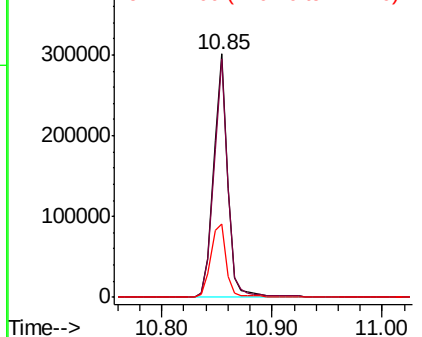
#41
 2,4,6-Tribromophenol
 Concen: 94.011 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108261.D
 Acq: 18 Aug 2018 00:02

Instrument :
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Tgt Ion:330 Resp: 263926
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 33.1 29.9 44.9

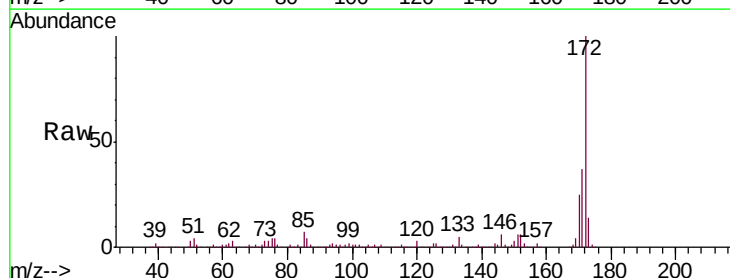


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

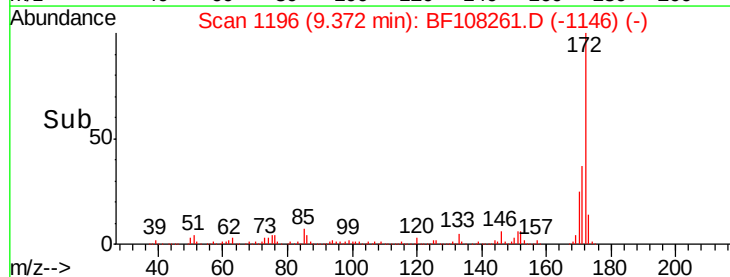
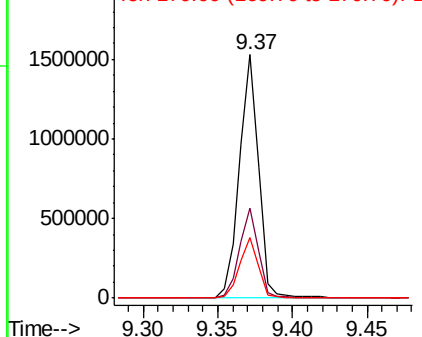


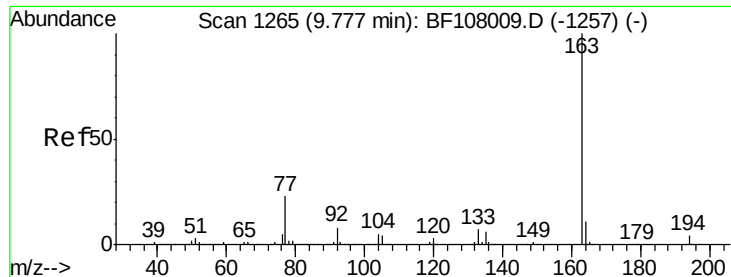
#44
 2-Fluorobiphenyl
 Concen: 79.020 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108261.D
 Acq: 18 Aug 2018 00:02

Tgt Ion:172 Resp: 1385268
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

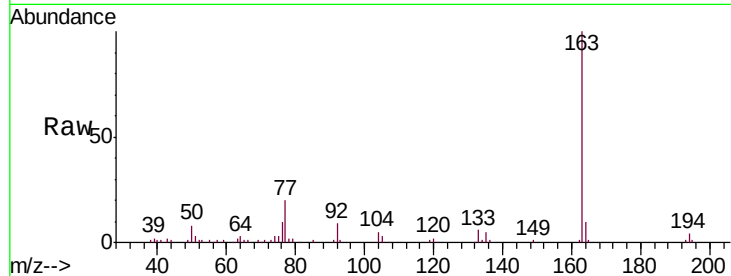




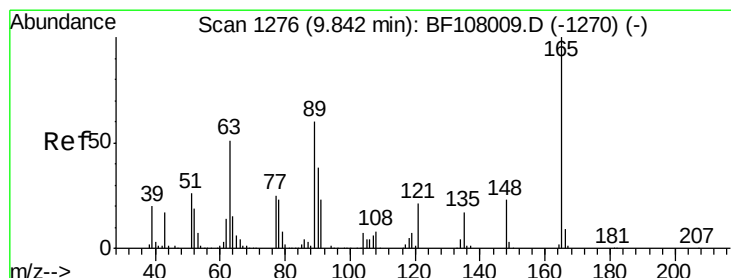
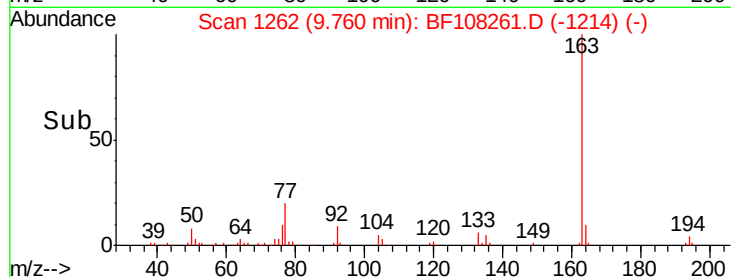
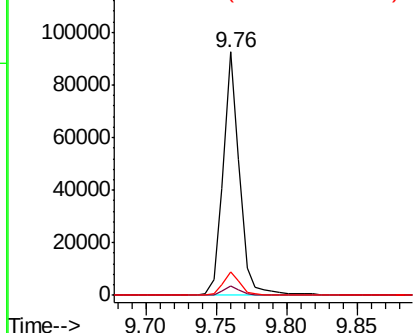
#49
 Dimethylphthalate
 Concen: 3.829 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108261.D
 Acq: 18 Aug 2018 00:02

Instrument :
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 RA-081318-FL-019

Tgt Ion:163 Resp: 75064
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 9.8 8.2 12.2

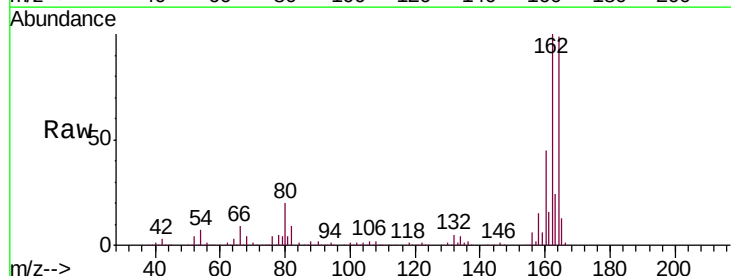


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

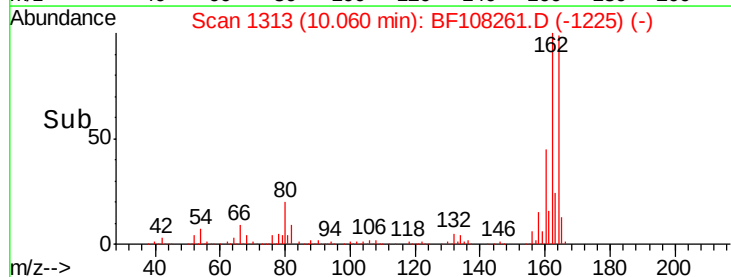
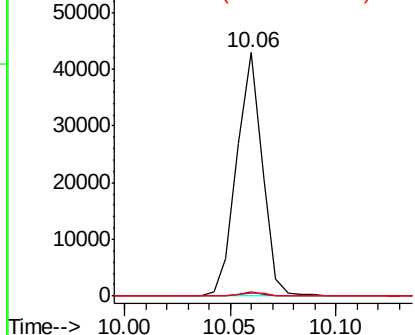


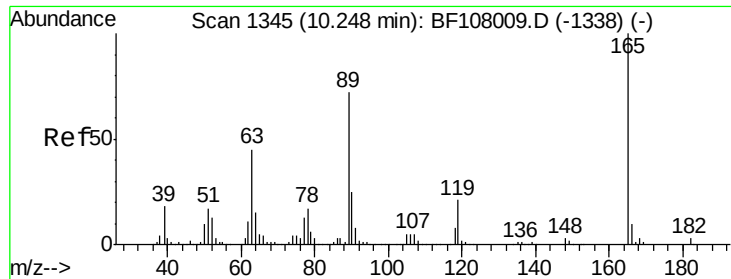
#50
 2,6-Dinitrotoluene
 Concen: 8.795 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108261.D
 Acq: 18 Aug 2018 00:02

Tgt Ion:165 Resp: 36077
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.7 67.1#
 89 1.3 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

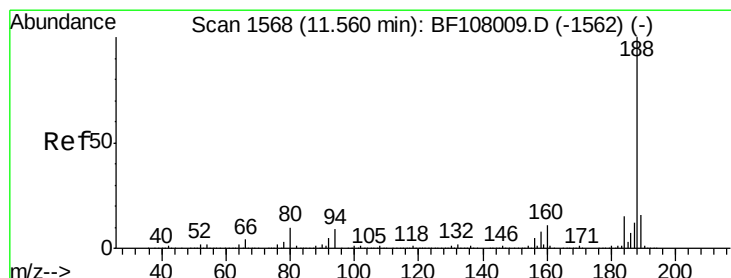
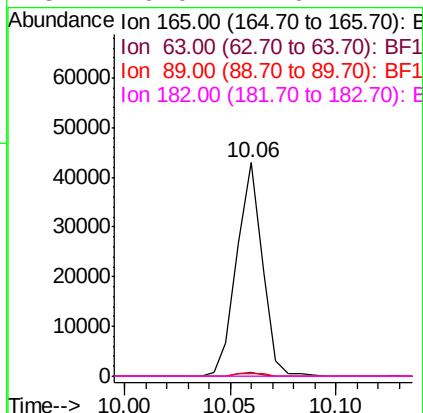
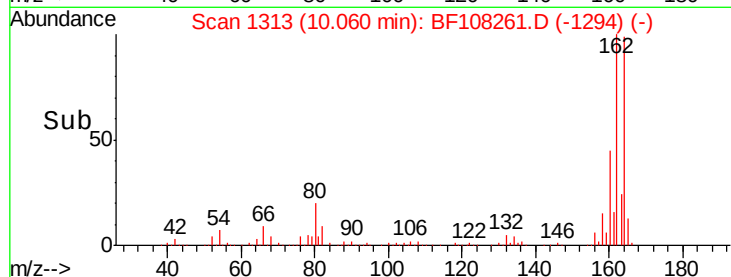
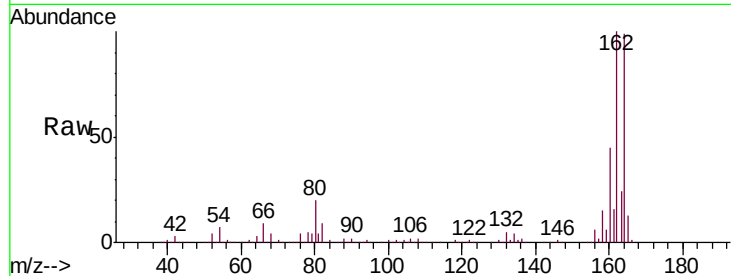




#56
2,4-Dinitrotoluene
Concen: 6.833 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108261.D
Acq: 18 Aug 2018 00:02

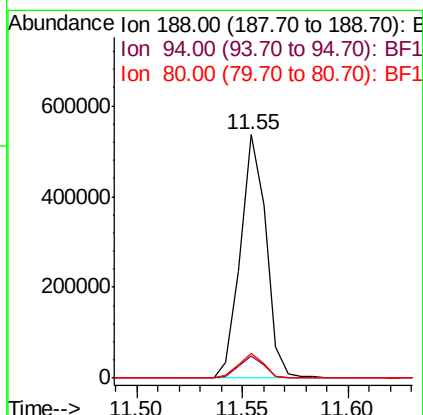
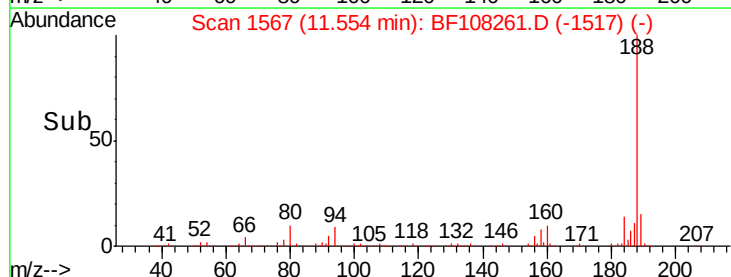
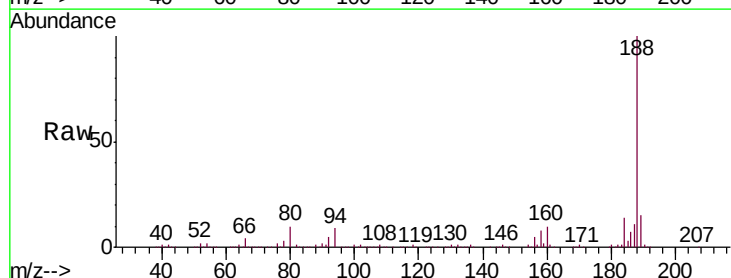
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RA-081318-FL-019

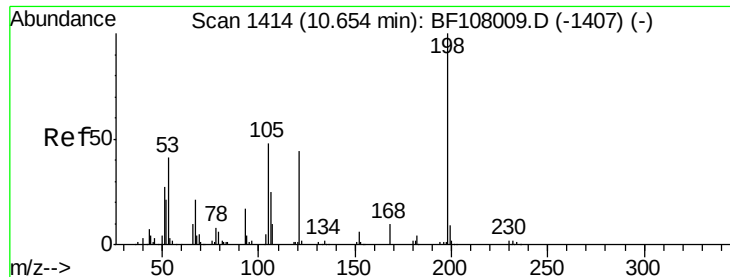
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108261.D
Acq: 18 Aug 2018 00:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.2	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.614 ng

RT: 10.85 min Scan# 1447

Delta R.T. 0.20 min

Lab File: BF108261.D

Acq: 18 Aug 2018 00:02

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-019

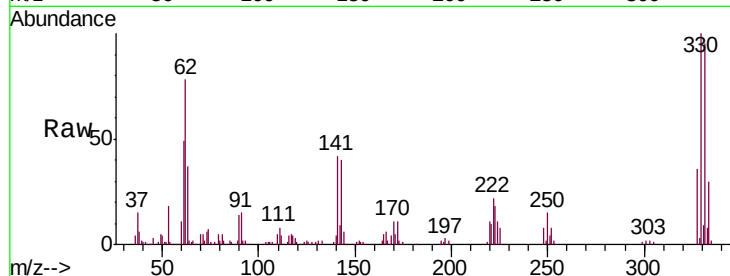
Tgt Ion:198 Resp: 486

Ion Ratio Lower Upper

198 100

51 192.7 37.7 77.7#

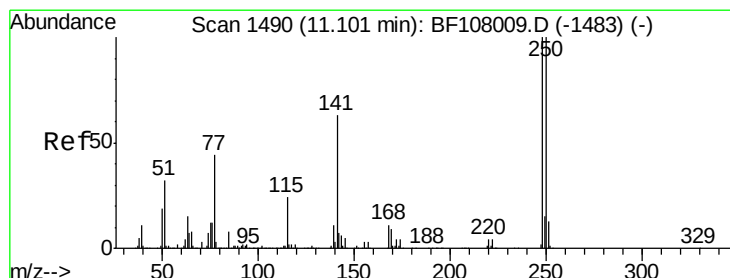
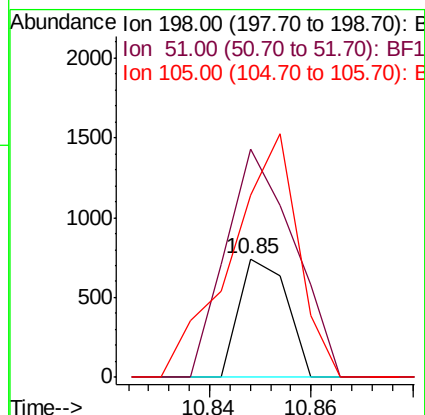
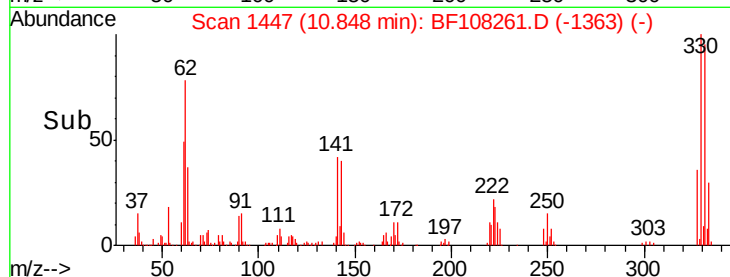
105 153.8 36.3 76.3#



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: 3.669 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.25 min

Lab File: BF108261.D

Acq: 18 Aug 2018 00:02

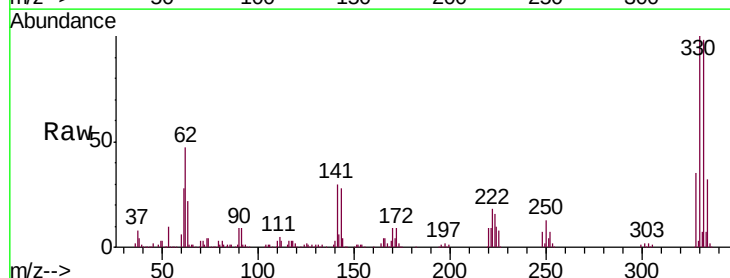
Tgt Ion:248 Resp: 17978

Ion Ratio Lower Upper

248 100

250 186.7 76.9 115.3#

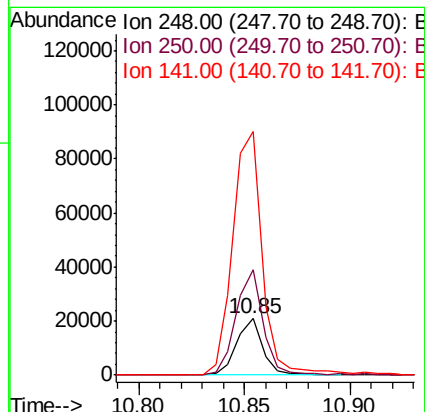
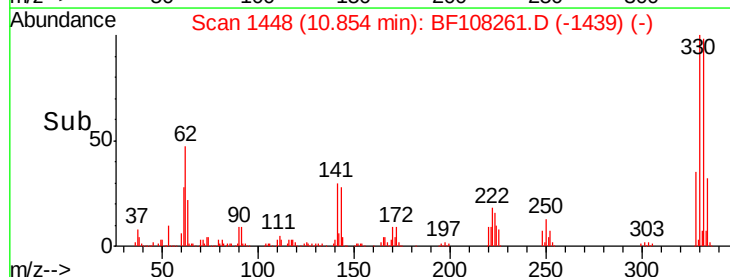
141 433.9 74.4 111.6#

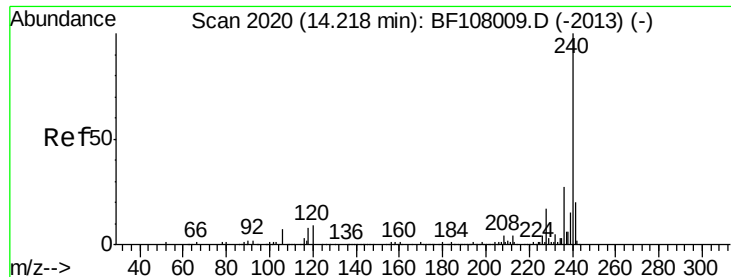


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF108261.D

Acq: 18 Aug 2018 00:02

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-019

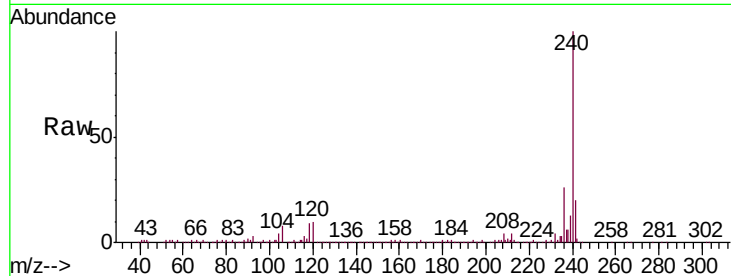
Tgt Ion:240 Resp: 411515

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

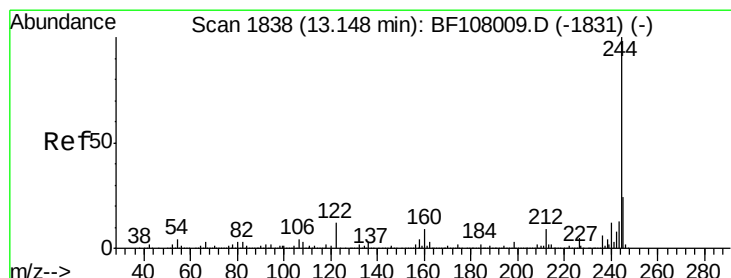
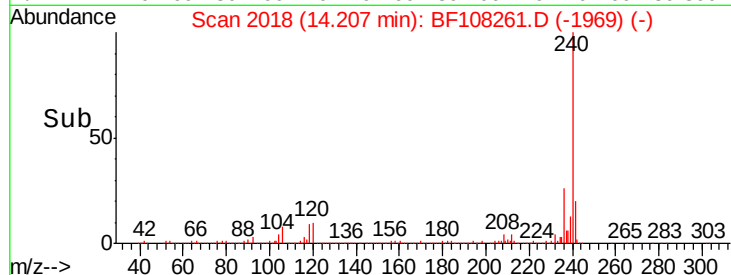
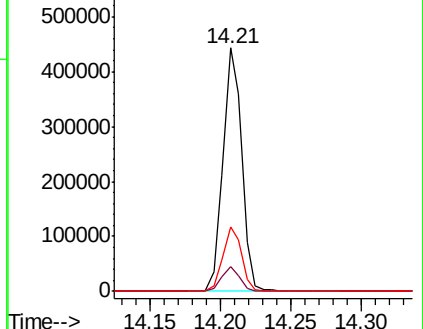
236 26.4 20.7 31.1



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: 71.282 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108261.D

Acq: 18 Aug 2018 00:02

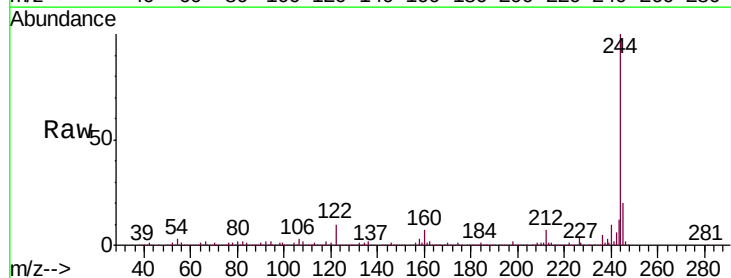
Tgt Ion:244 Resp: 1153697

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

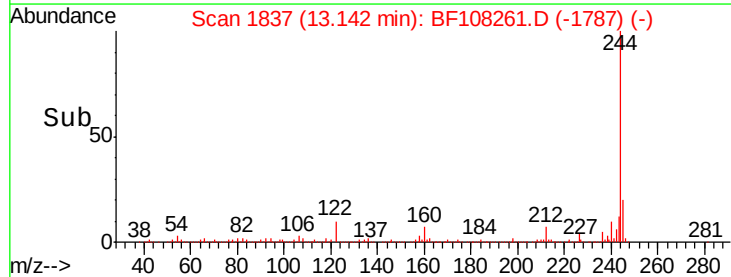
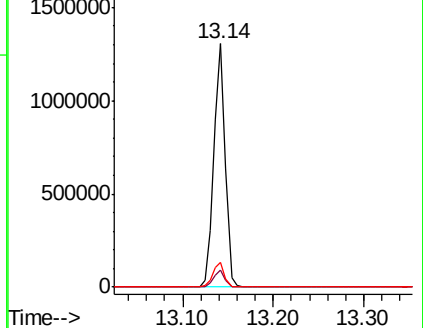
122 10.4 11.0 16.4#

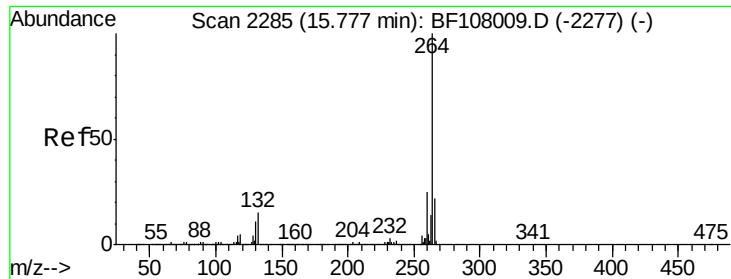


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108261.D
Acq: 18 Aug 2018 00:02

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-019

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	17.5	26.3

