

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
 Data File : BF108269.D
 Acq On : 18 Aug 2018 3:42
 Operator : JU/SJ
 Sample : J4511-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081418-FL-024

Quant Time: Aug 18 04:42:07 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	162373	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	588048	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	271998	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	444004	20.00	ng	0.00
75) Chrysene-d12	14.21	240	384798	20.00	ng	0.00
86) Perylene-d12	15.78	264	277949	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	1214612	135.43	ng	0.02
7) Phenol-d6	6.64	99	1645317	138.05	ng	0.01
23) Nitrobenzene-d5	7.58	82	1108599	105.20	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	372813	137.41	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1909361	112.70	ng	0.00
78) Terphenyl-d14	13.15	244	1567947	103.60	ng	0.00

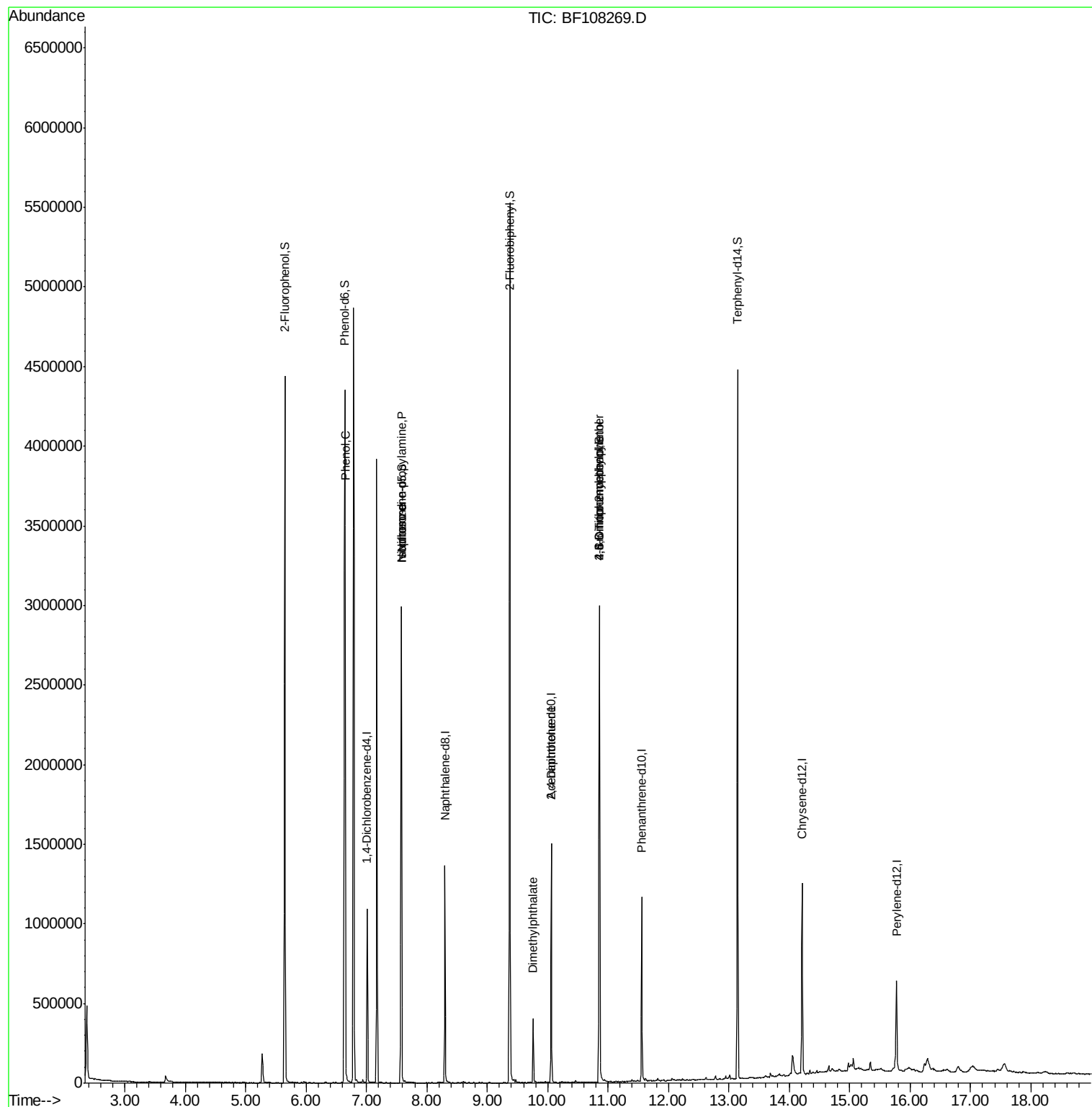
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.65	94	31585	2.562	ng	87
19) n-Nitroso-di-n-propylamine	7.58	70	151963	18.855	ng	# 81
25) Isophorone	7.58	82	1108591	55.191	ng	# 64
49) Dimethylphthalate	9.76	163	158626	8.372	ng	# 99
56) 2,4-Dinitrotoluene	10.06	165	35017	6.863	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	797	5.783	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	24160	5.007	ng	# 1

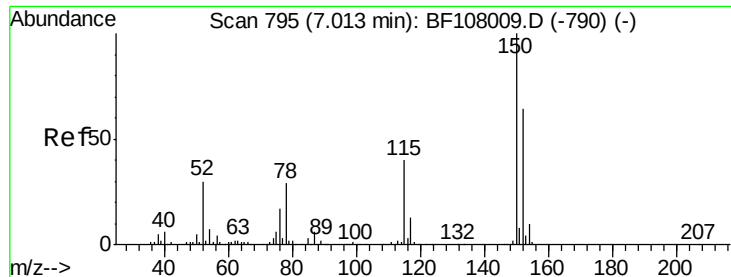
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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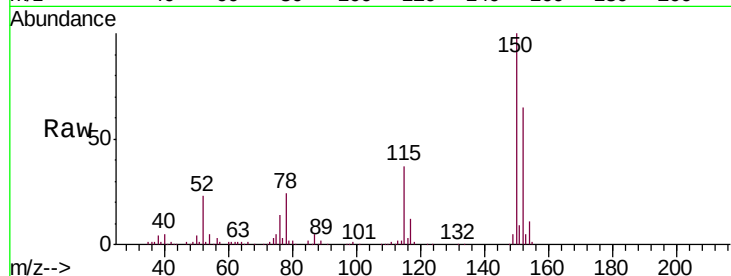


#1

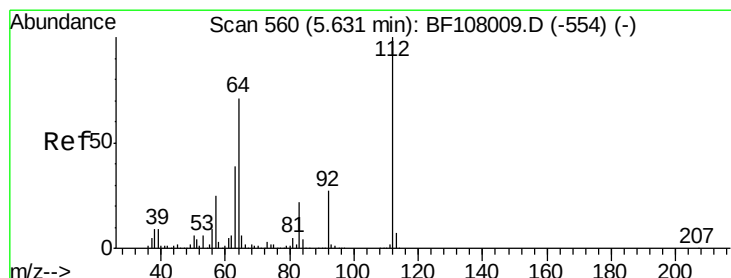
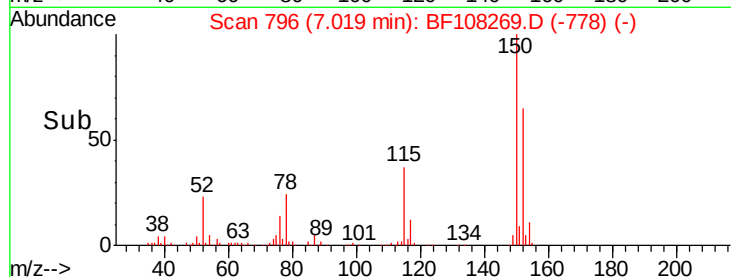
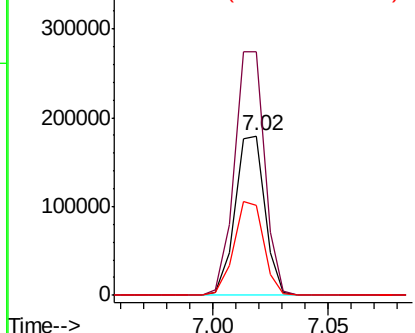
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108269.D
Acq: 18 Aug 2018 3:42

Instrument :
BNA_F
ClientSampleId :
RA-081418-FL-024

Tgt Ion:152 Resp: 162373
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 56.8 50.1 75.1



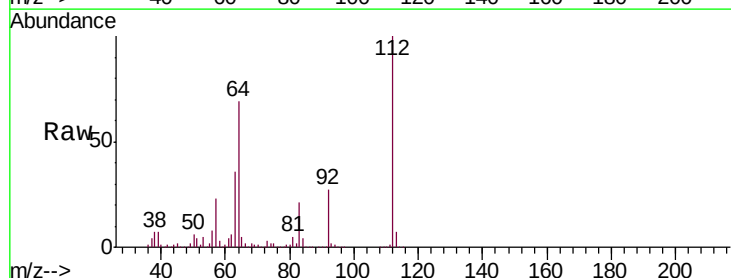
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



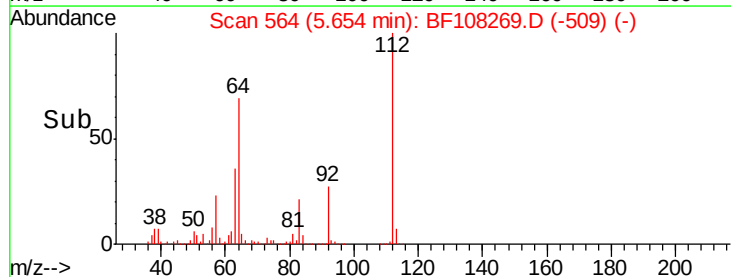
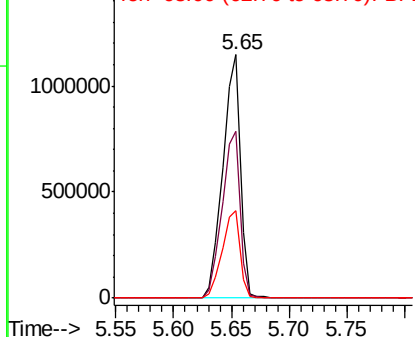
#5

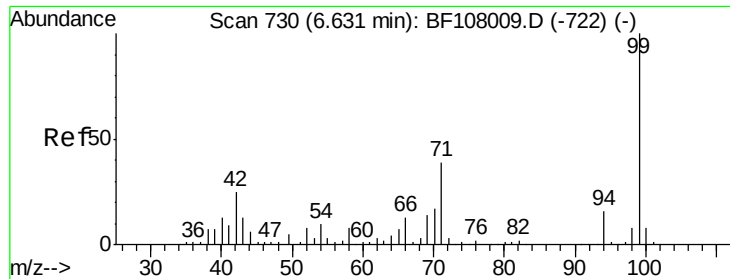
2-Fluorophenol
Concen: 135.429 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108269.D
Acq: 18 Aug 2018 3:42

Tgt Ion:112 Resp: 1214612
Ion Ratio Lower Upper
112 100
64 68.5 47.9 71.9
63 36.1 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: 138.052 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

Instrument :

BNA_F

ClientSampleId :

RA-081418-FL-024

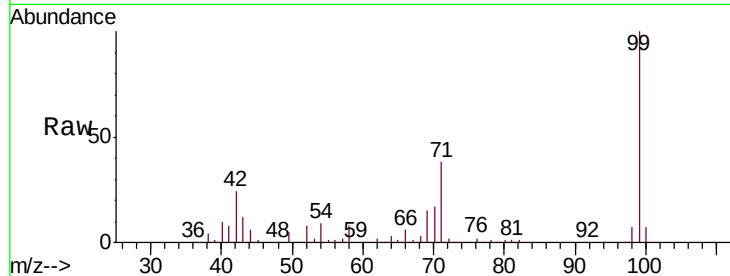
Tgt Ion: 99 Resp: 1645317

Ion Ratio Lower Upper

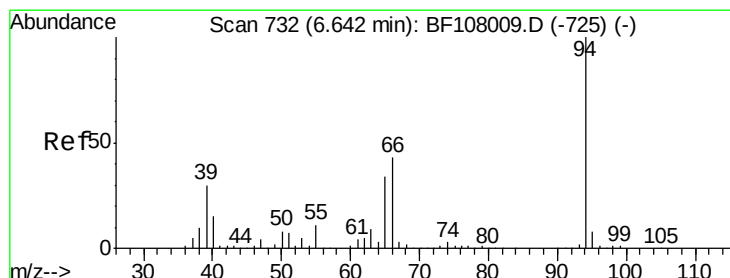
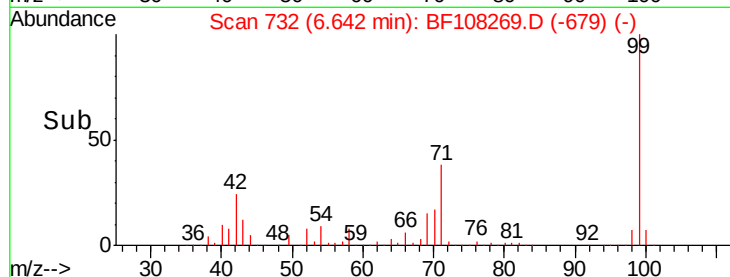
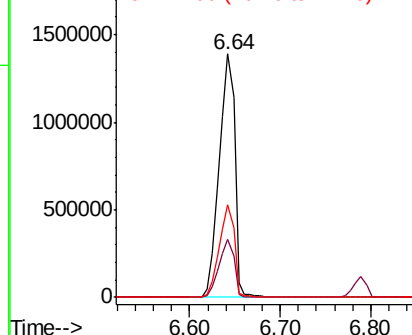
99 100

42 23.7 14.5 21.7#

71 38.1 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



#10

Phenol

Concen: 2.562 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

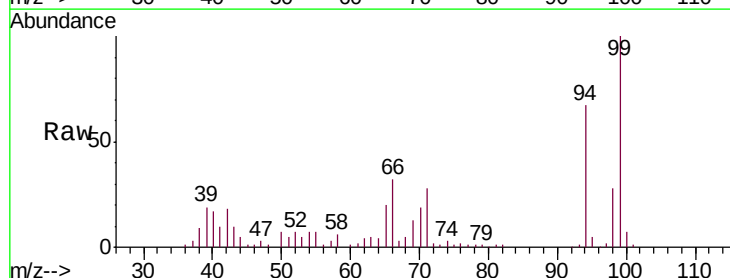
Tgt Ion: 94 Resp: 31585

Ion Ratio Lower Upper

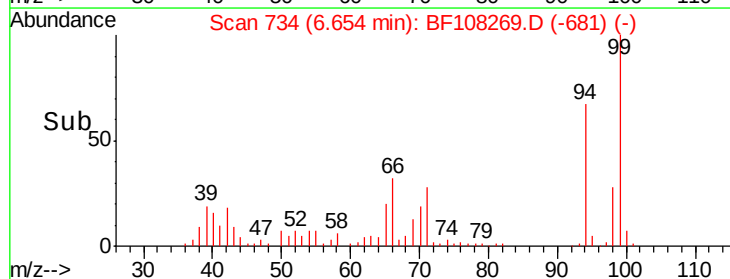
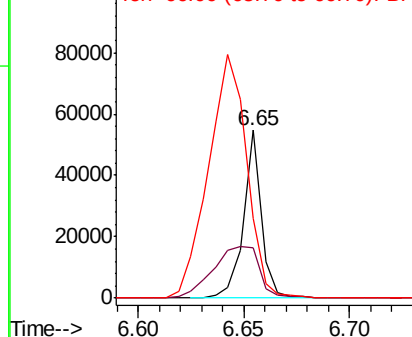
94 100

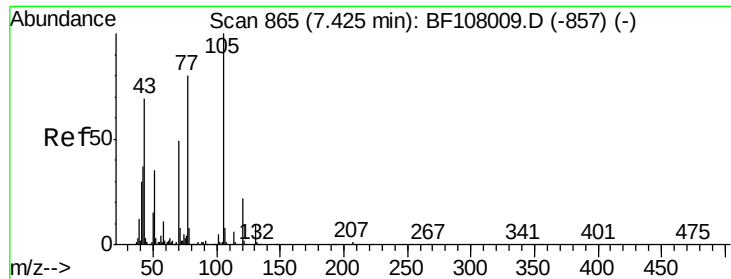
65 30.3 7.9 47.9

66 47.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

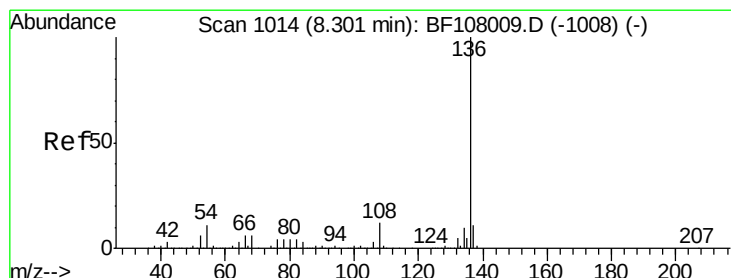
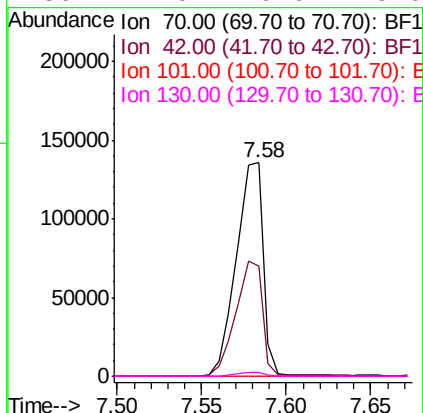
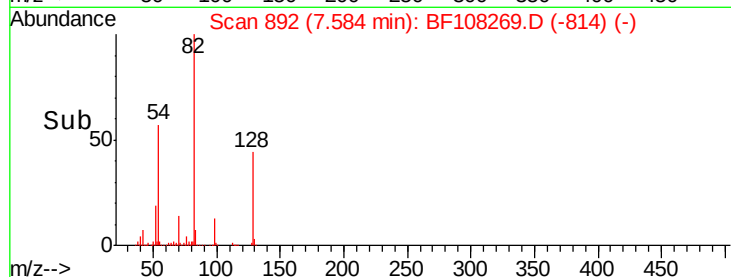
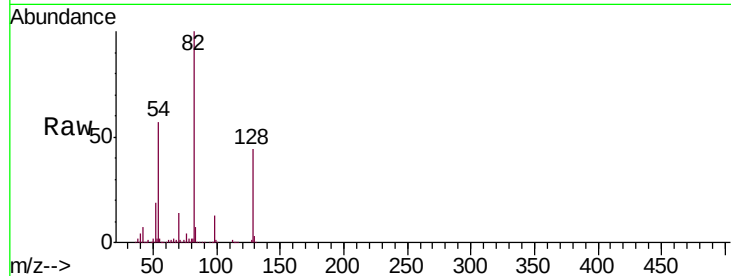




#19
n-Nitroso-di-n-propylamine
Concen: 18.855 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.16 min
Lab File: BF108269.D
Acq: 18 Aug 2018 3:42

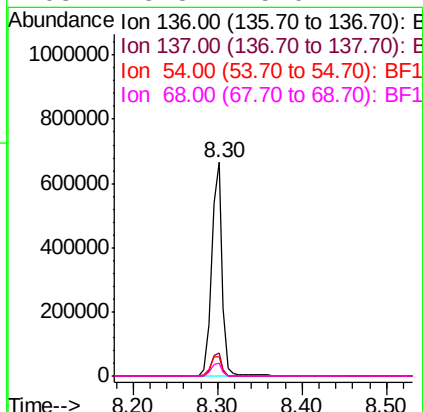
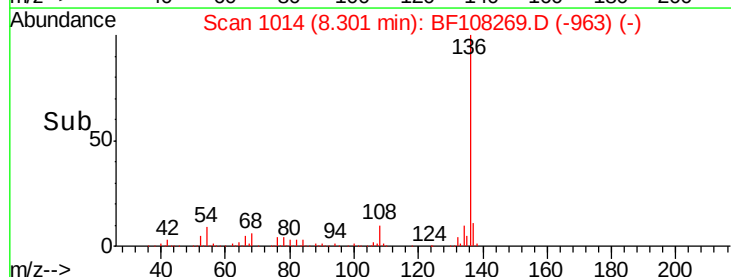
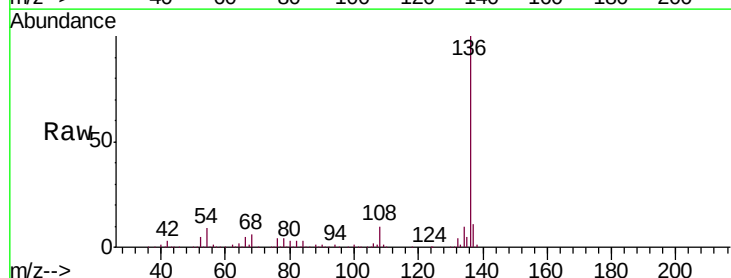
Instrument :
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RA-081418-FL-024

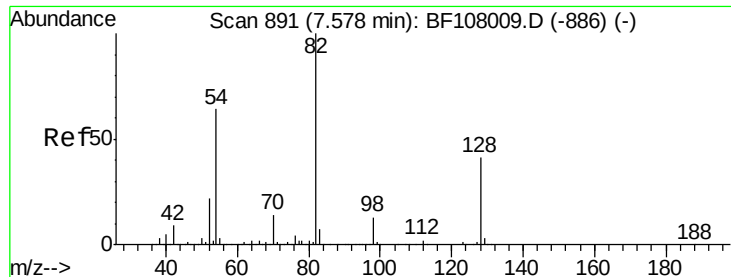
Tgt Ion: 70 Resp: 151963
Ion Ratio Lower Upper
70 100
42 51.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108269.D
Acq: 18 Aug 2018 3:42

Tgt Ion: 136 Resp: 588048
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.2 6.6 9.8
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 105.198 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

Instrument :

BNA_F

ClientSampleId :

RA-081418-FL-024

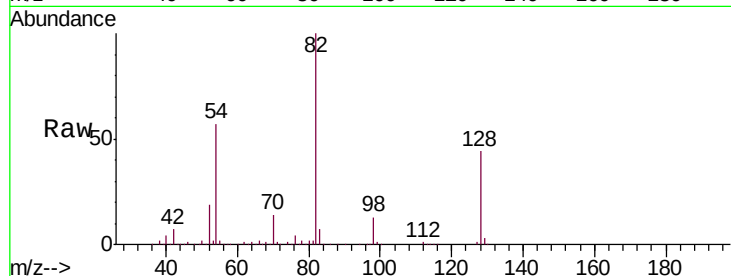
Tgt Ion: 82 Resp: 1108599

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

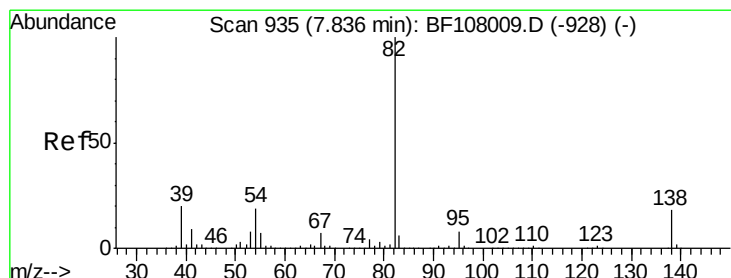
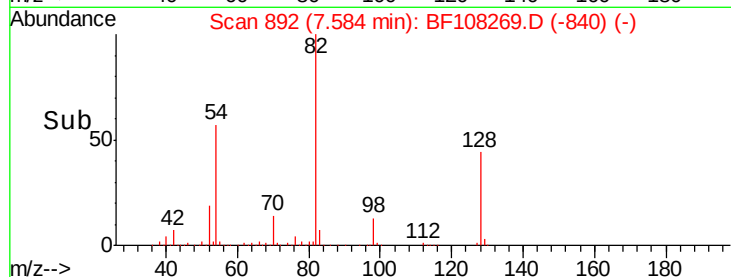
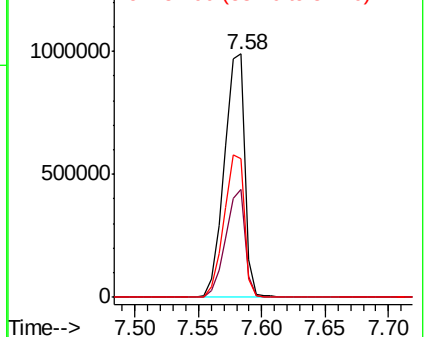
54 57.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 55.191 ng

RT: 7.58 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

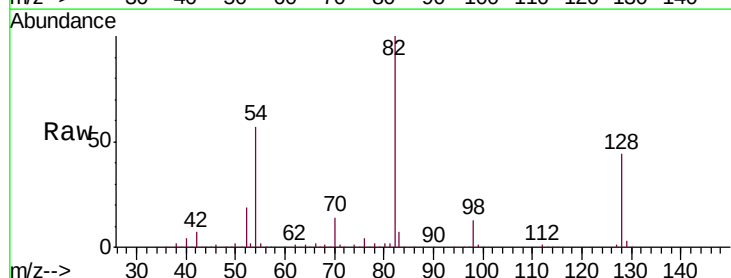
Tgt Ion: 82 Resp: 1108591

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

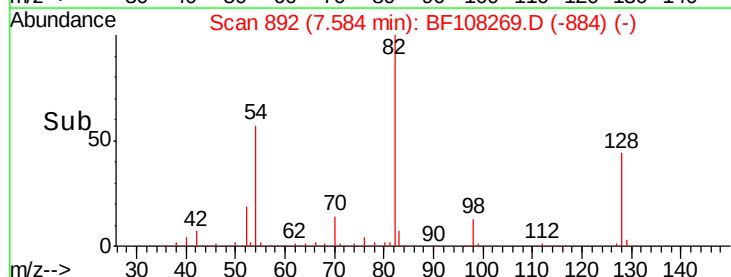
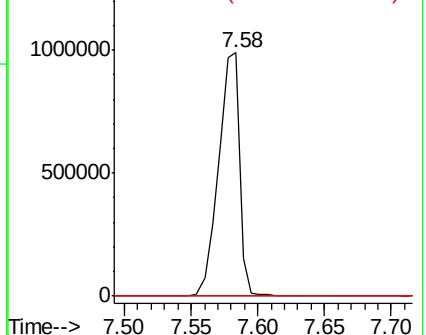
138 0.0 14.9 22.3#

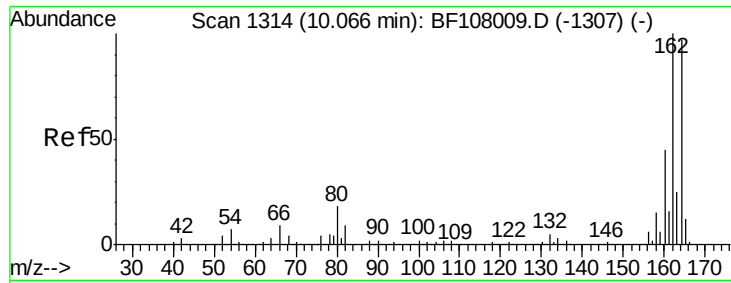


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF108269.D

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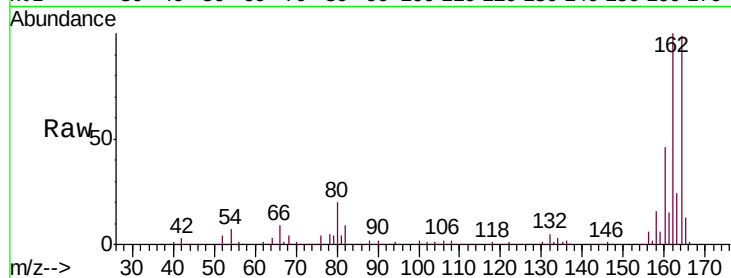
Tgt Ion:164 Resp: 271998

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

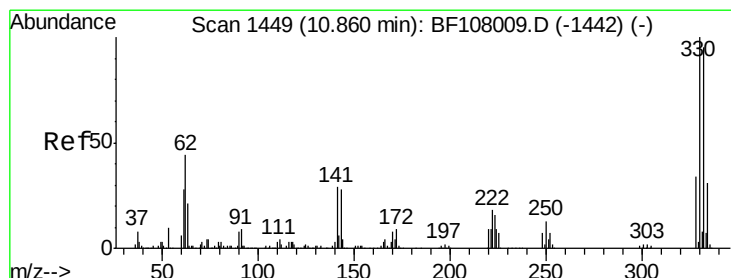
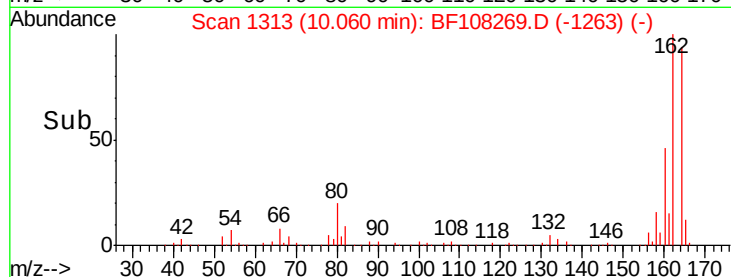
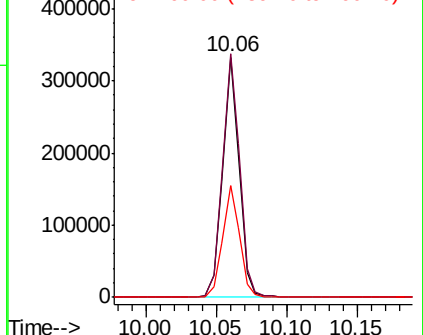
160 46.7 38.3 57.5



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: 137.412 ng

RT: 10.86 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

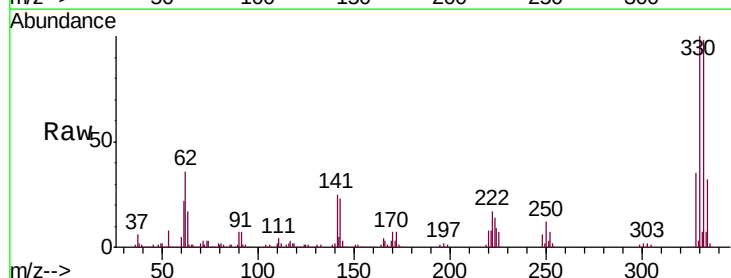
Tgt Ion:330 Resp: 372813

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

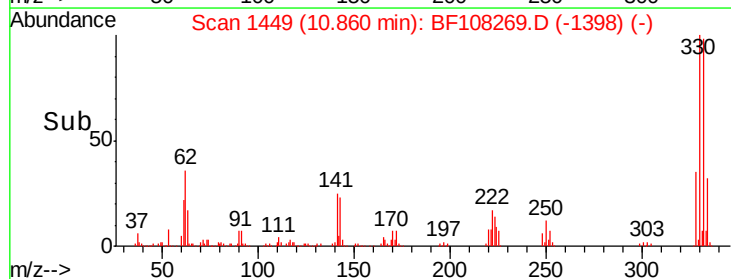
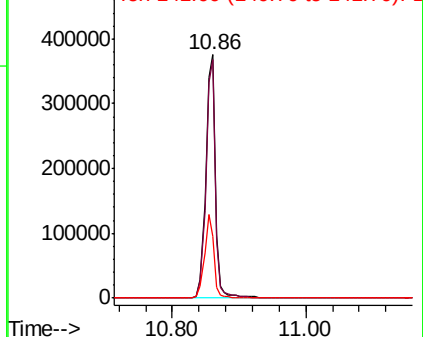
141 32.9 29.9 44.9

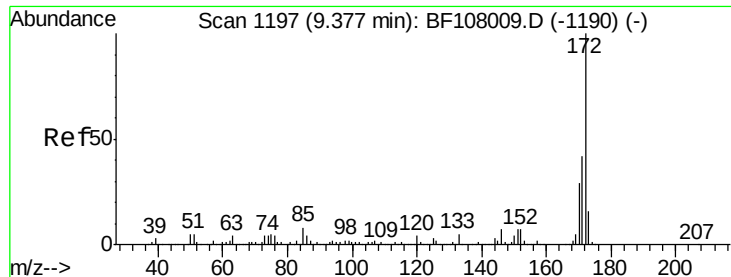


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

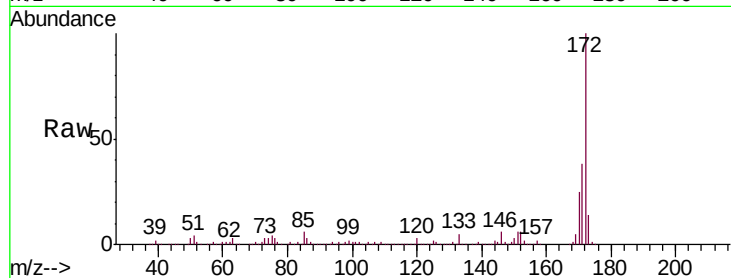




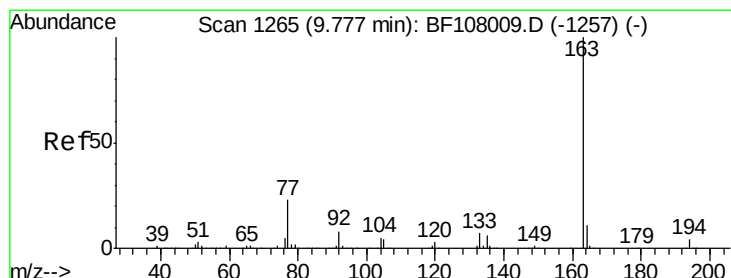
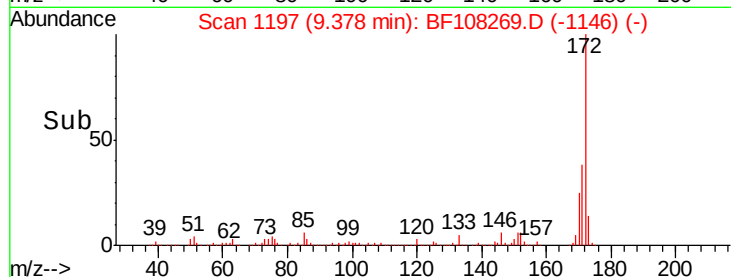
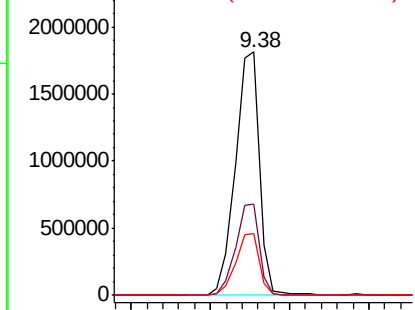
#44
 2-Fluorobiphenyl
 Concen: 112.700 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108269.D
 Acq: 18 Aug 2018 3:42

Instrument :
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 RA-081418-FL-024

Tgt Ion:172 Resp: 1909361
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.7 44.5
 170 25.5 19.6 29.4

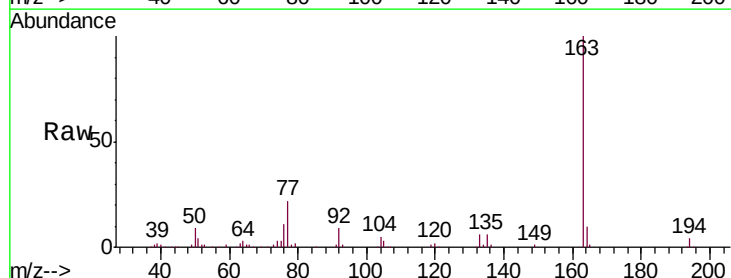


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

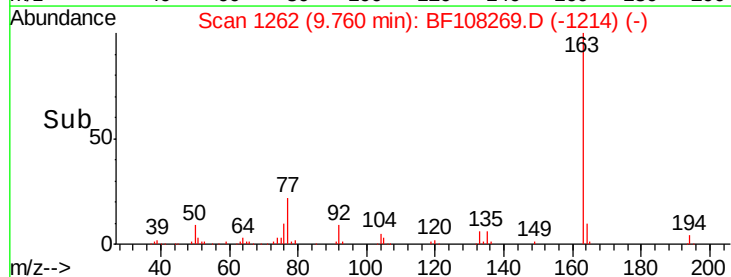
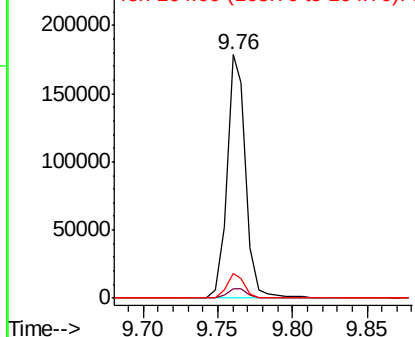


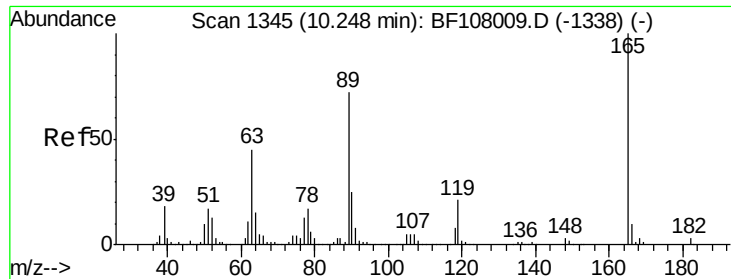
#49
 Dimethylphthalate
 Concen: 8.372 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108269.D
 Acq: 18 Aug 2018 3:42

Tgt Ion:163 Resp: 158626
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.7 4.1#
 164 10.3 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

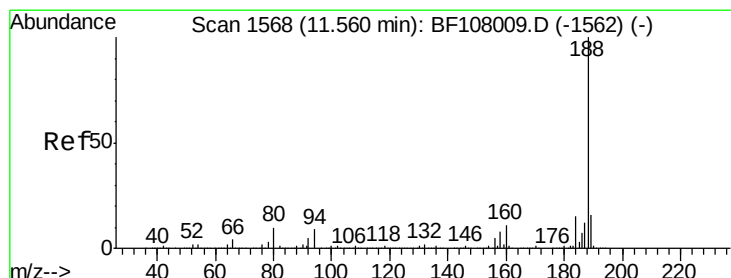
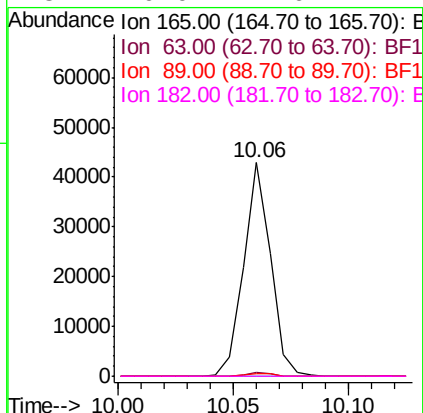
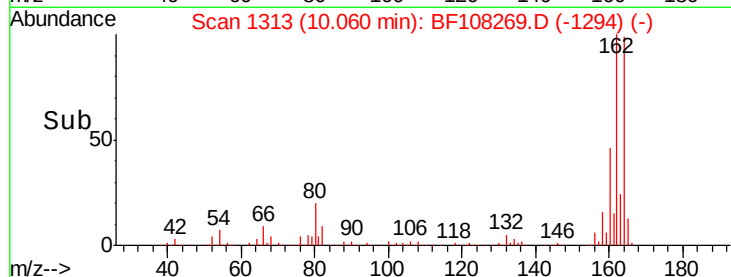
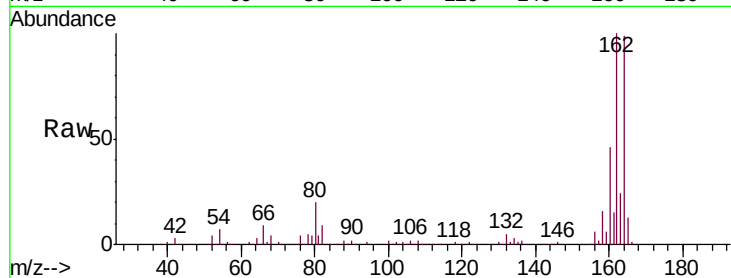




#56
 2,4-Dinitrotoluene
 Concen: 6.863 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108269.D
 Acq: 18 Aug 2018 3:42

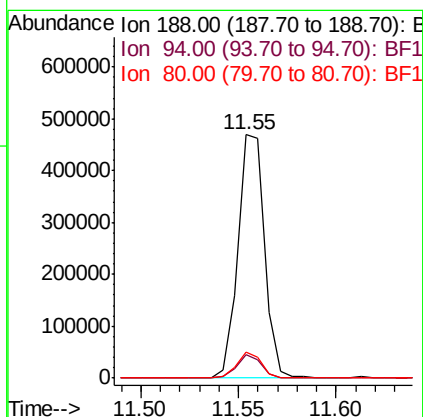
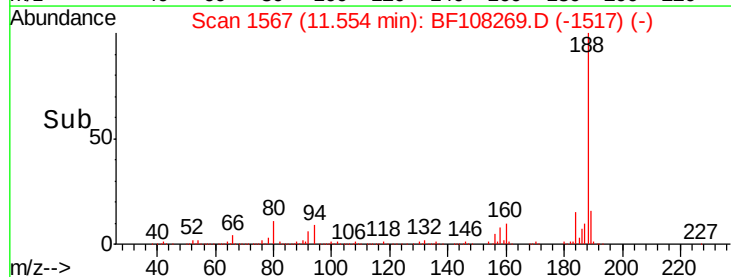
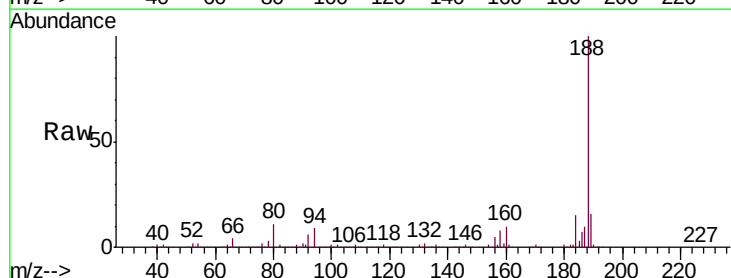
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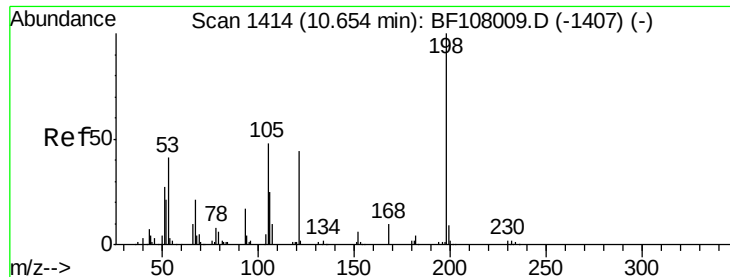
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108269.D
 Acq: 18 Aug 2018 3:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.7	9.2	13.8

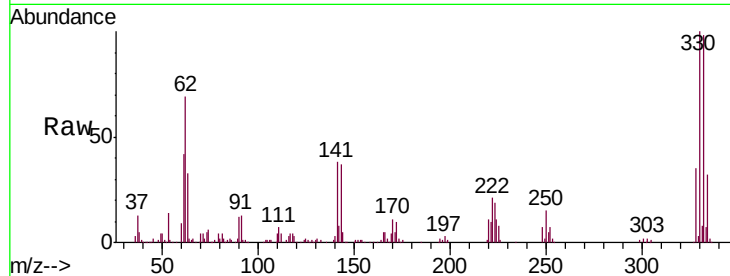




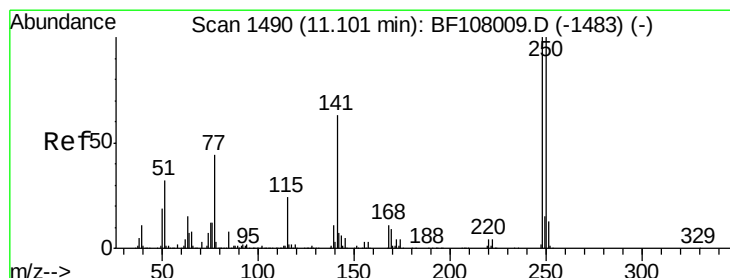
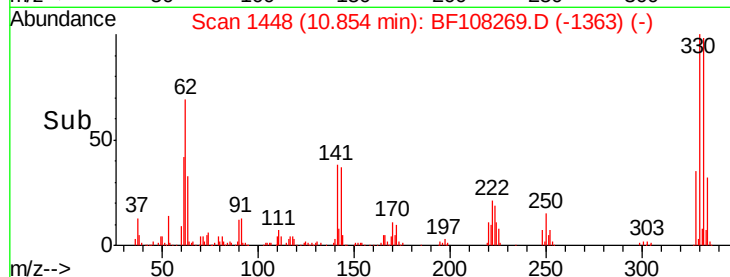
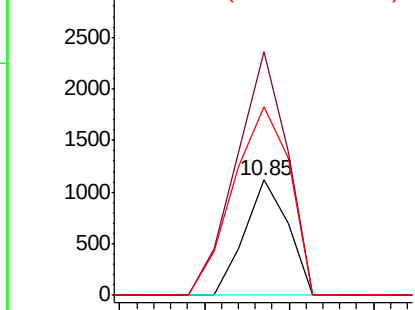
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.783 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108269.D
 Acq: 18 Aug 2018 3:42

Instrument :
 BNA_F
 ClientSampleId :
 RA-081418-FL-024

Tgt Ion:198 Resp: 797
 Ion Ratio Lower Upper
 198 100
 51 211.7 37.7 77.7#
 105 164.0 36.3 76.3#

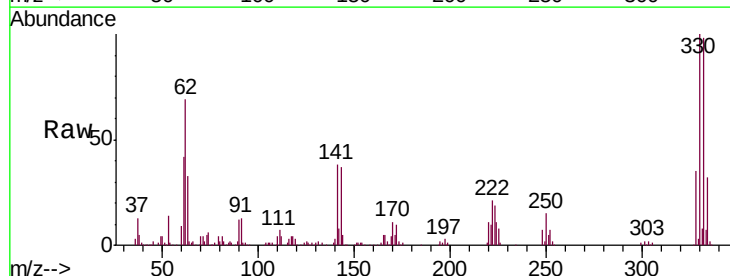


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

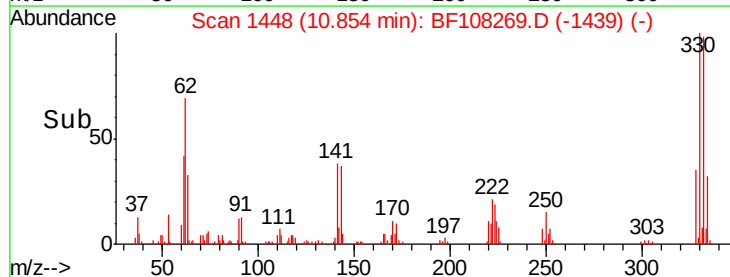
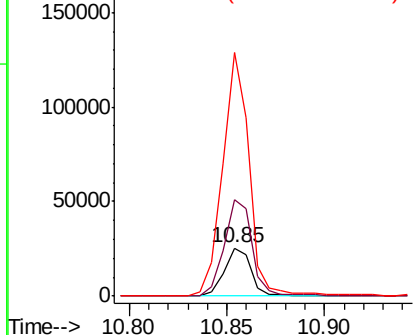


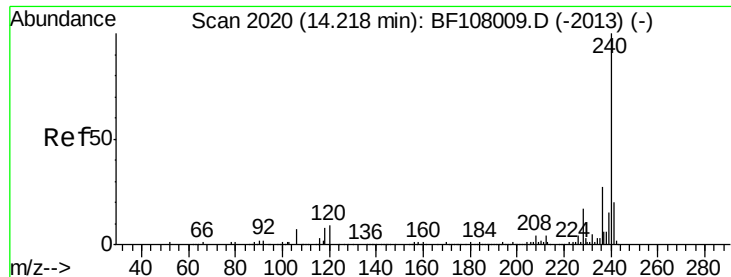
#66
 4-Bromophenyl-phenylether
 Concen: 5.007 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108269.D
 Acq: 18 Aug 2018 3:42

Tgt Ion:248 Resp: 24160
 Ion Ratio Lower Upper
 248 100
 250 199.8 76.9 115.3#
 141 507.8 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: BF108269.D

Acq: 18 Aug 2018 3:42

Instrument :

BNA_F

ClientSampleId :

RA-081418-FL-024

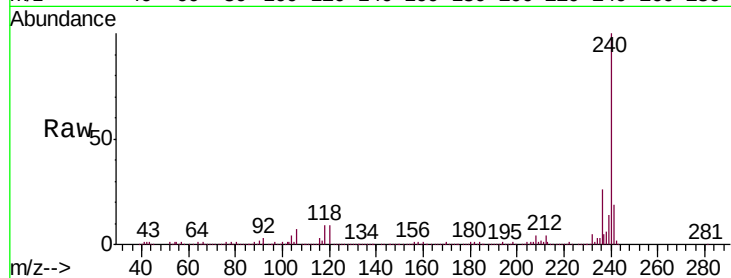
Tgt Ion:240 Resp: 384798

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

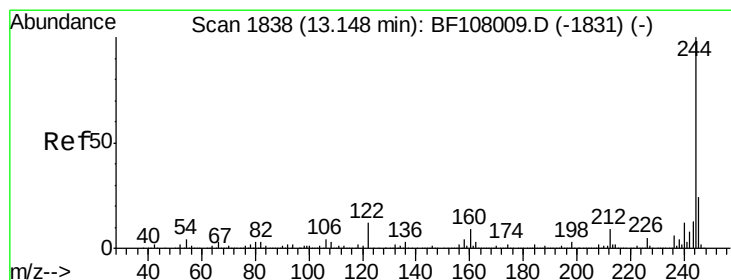
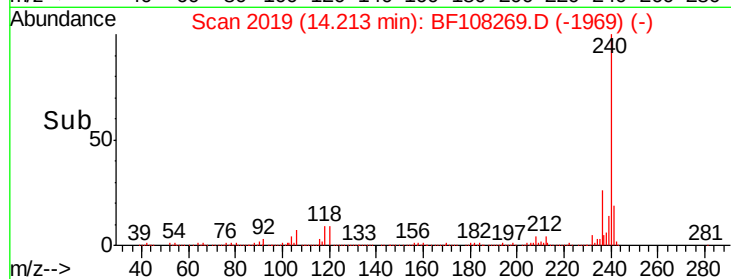
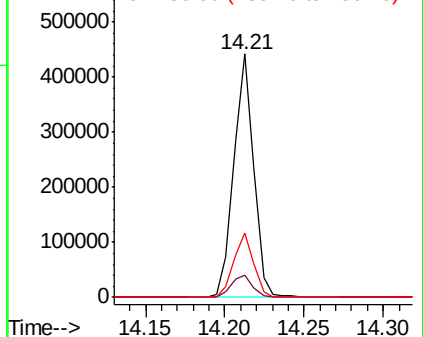
236 26.3 20.7 31.1



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: 103.603 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

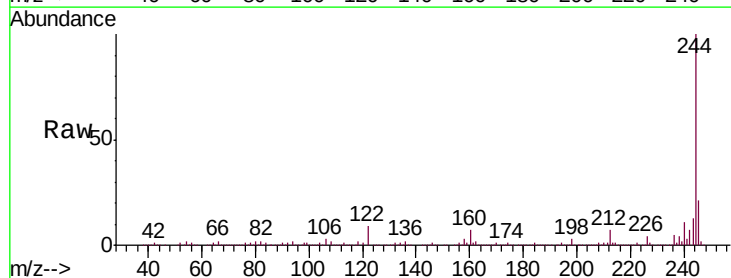
Tgt Ion:244 Resp: 1567947

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

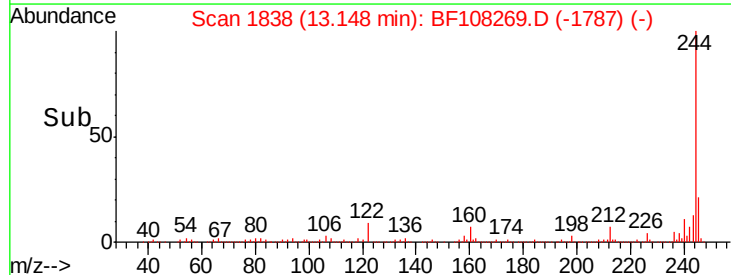
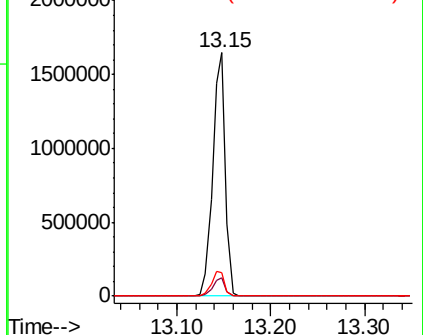
122 9.5 11.0 16.4#

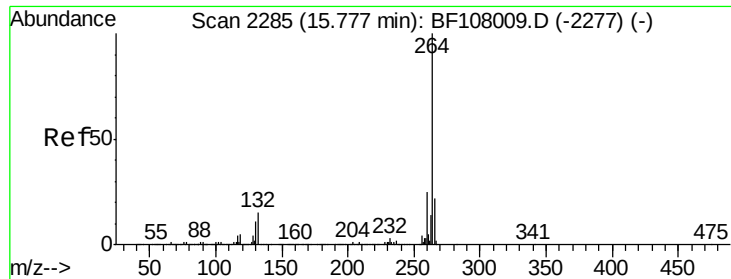


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108269.D
Acq: 18 Aug 2018 3:42

Instrument :
BNA_F
ClientSampleId :
RA-081418-FL-024

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.8	17.5	26.3

