

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
 Data File : BF108224.D
 Acq On : 17 Aug 2018 4:37
 Operator : JU/SJ
 Sample : J4504-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 081418-DBRI-F-D-S

Quant Time: Aug 17 05:40:44 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	173674	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	643339	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	318607	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	595038	20.00	ng	0.00
75) Chrysene-d12	14.21	240	479215	20.00	ng	-0.01
86) Perylene-d12	15.77	264	373975	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	429576	44.78	ng	0.00
7) Phenol-d6	6.62	99	359762	28.22	ng	0.00
23) Nitrobenzene-d5	7.58	82	1159897	100.61	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	318533	100.23	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2087475	105.19	ng	0.00
78) Terphenyl-d14	13.15	244	1995589	105.88	ng	0.00

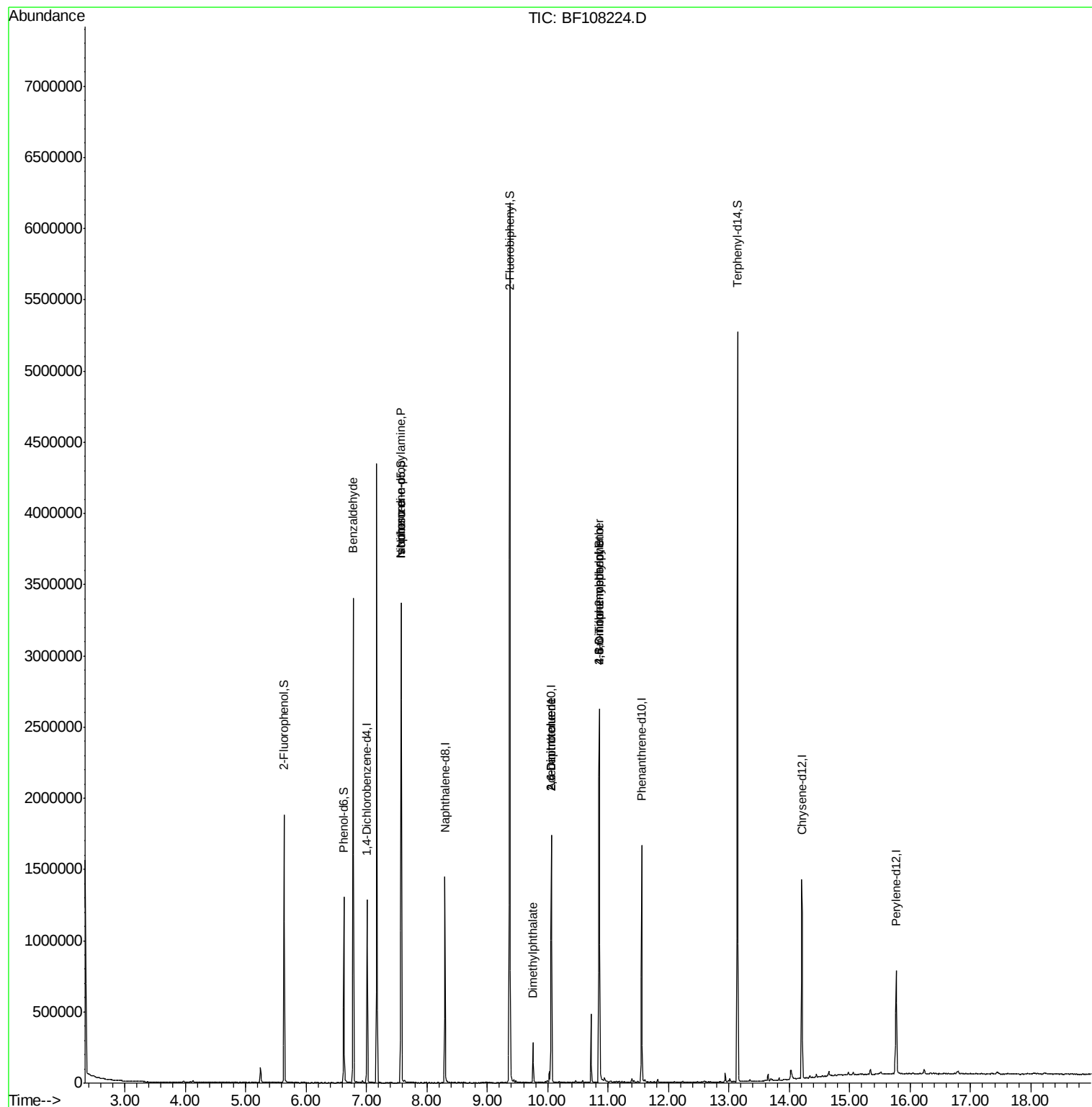
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.78	77	20180	2.042	ng	# 74
19) n-Nitroso-di-n-propylamine	7.58	70	160087	18.571	ng	# 85
25) Isophorone	7.58	82	1157042	52.653	ng	# 64
49) Dimethylphthalate	9.76	163	104237	4.697	ng	# 99
50) 2,6-Dinitrotoluene	10.06	165	41269	8.888	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	41269	6.905	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	809	5.680	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	21542	3.331	ng	# 1

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

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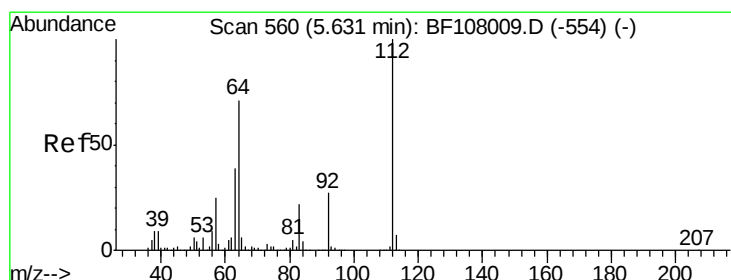
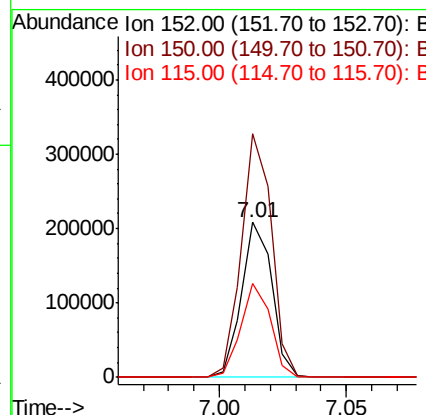
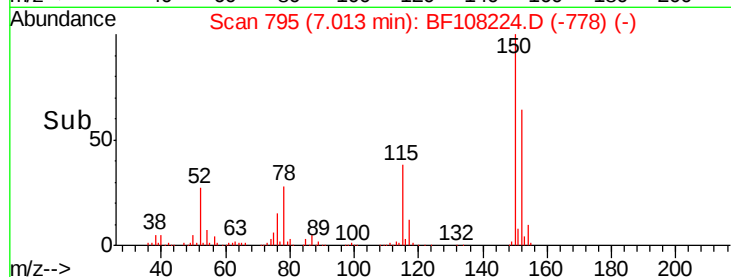
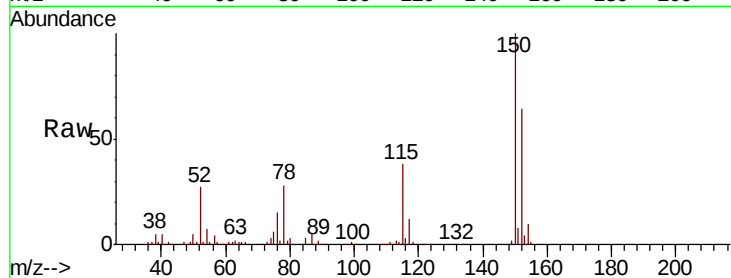


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108224.D
Acq: 17 Aug 2018 4:37

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-D-S

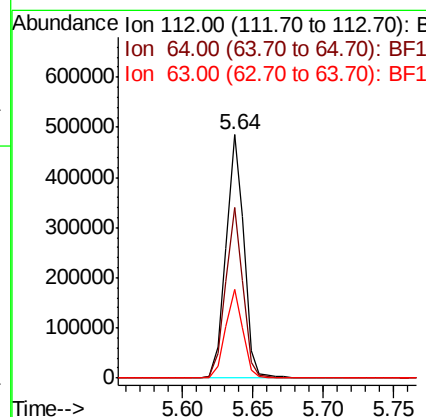
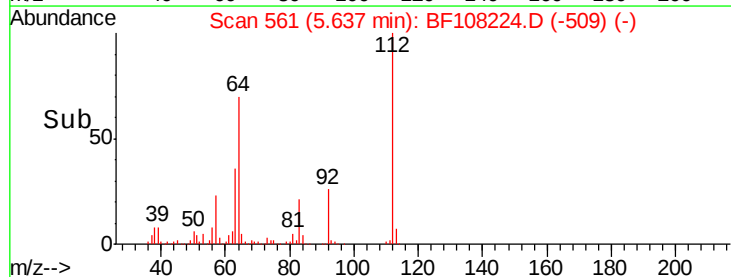
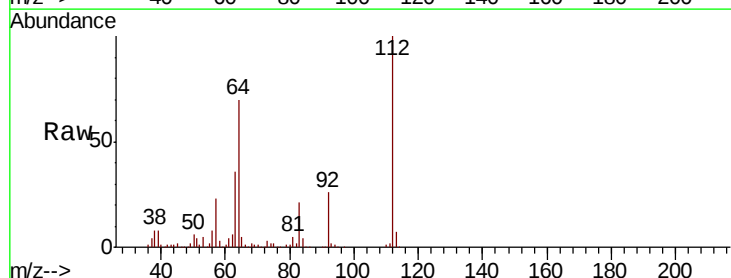
Tgt Ion:152 Resp: 173674
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 60.4 50.1 75.1



#5

2-Fluorophenol
Concen: 44.781 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108224.D
Acq: 17 Aug 2018 4:37

Tgt Ion:112 Resp: 429576
Ion Ratio Lower Upper
112 100
64 70.1 47.9 71.9
63 36.4 23.7 35.5#





#7

Phenol-d6

Concen: 28.222 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108224.D

Acq: 17 Aug 2018 4:37

Instrument :

BNA_F

ClientSampleId :

081418-DBRI-F-D-S

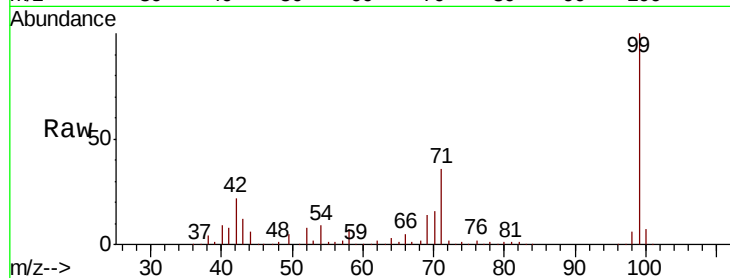
Tgt Ion: 99 Resp: 359762

Ion Ratio Lower Upper

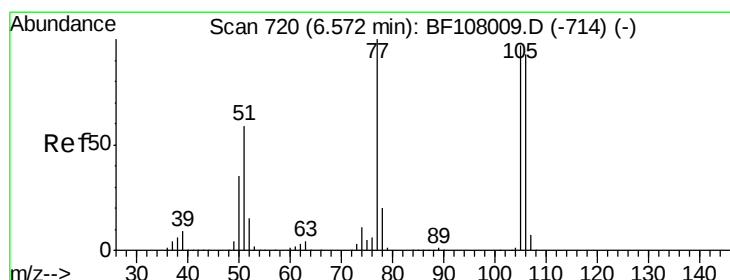
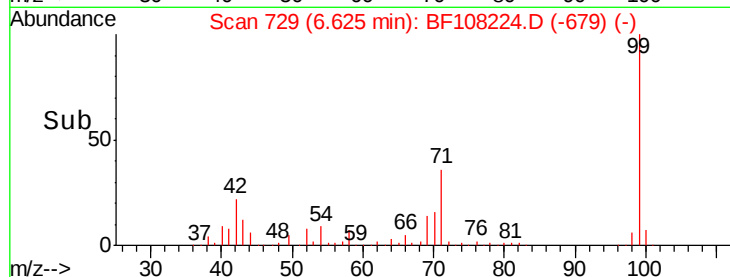
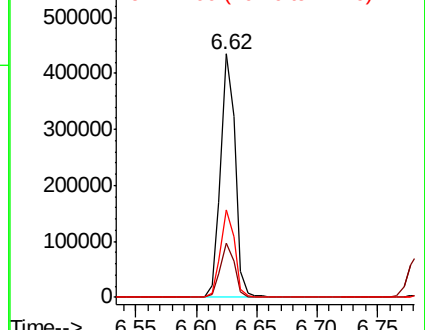
99 100

42 22.4 14.5 21.7#

71 35.7 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



#9

Benzaldehyde

Concen: 2.042 ng

RT: 6.78 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF108224.D

Acq: 17 Aug 2018 4:37

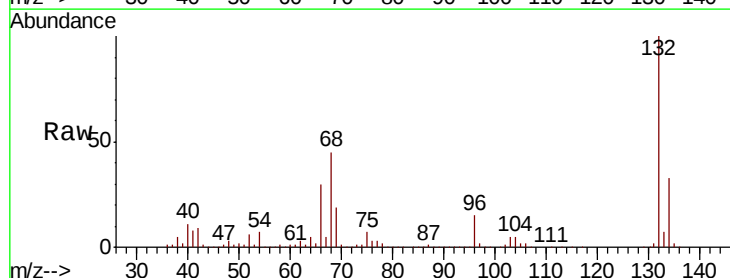
Tgt Ion: 77 Resp: 20180

Ion Ratio Lower Upper

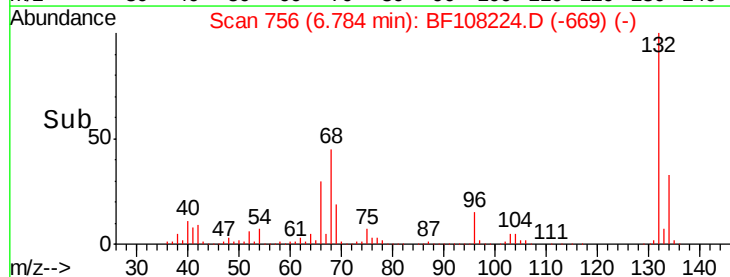
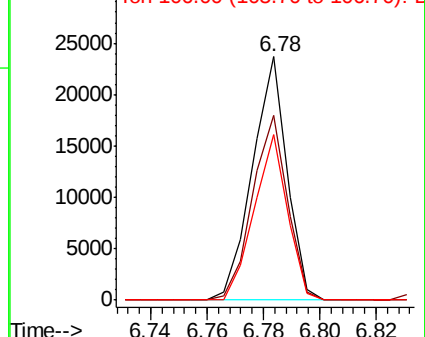
77 100

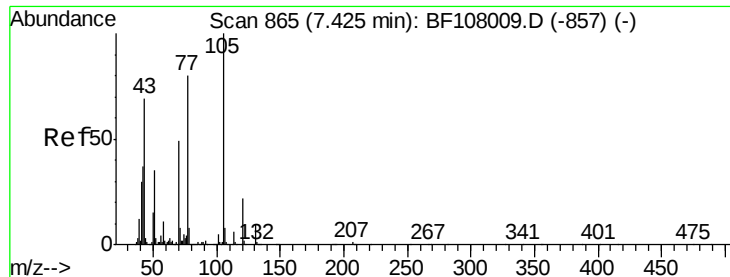
105 75.8 81.1 121.1#

106 68.2 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

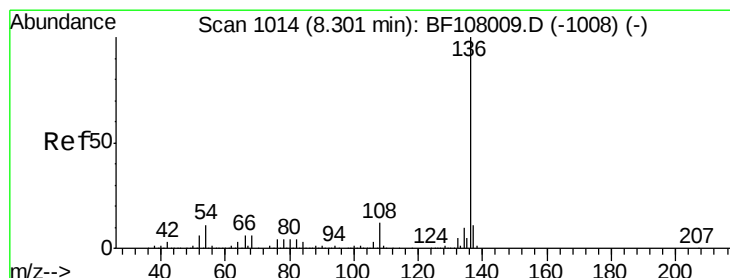
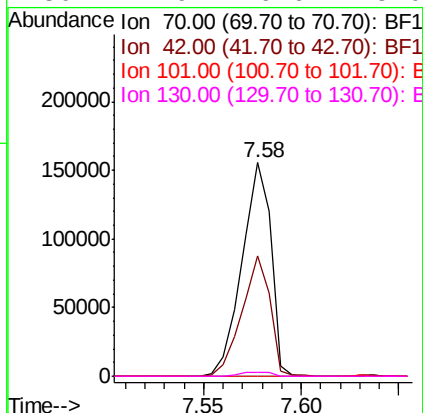
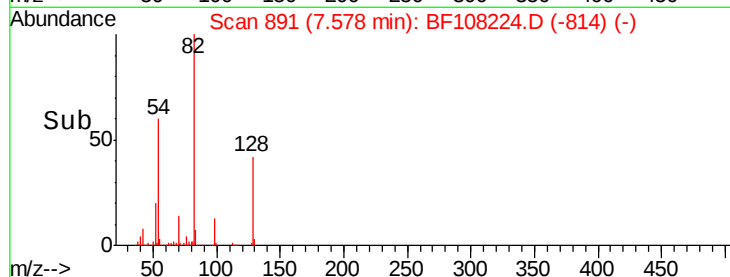
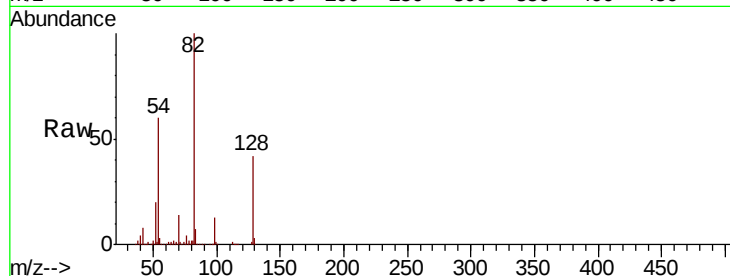




#19
n-Nitroso-di-n-propylamine
Concen: 18.571 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108224.D
Acq: 17 Aug 2018 4:37

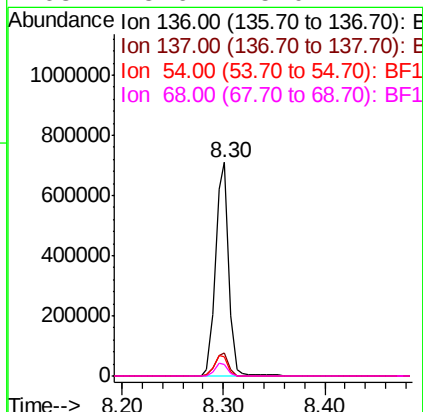
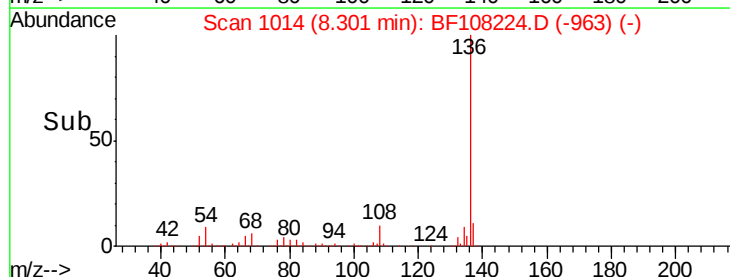
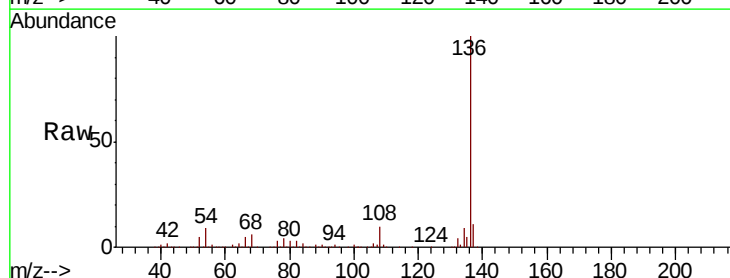
Instrument :
BNA_F
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081418-DBRI-F-D-S

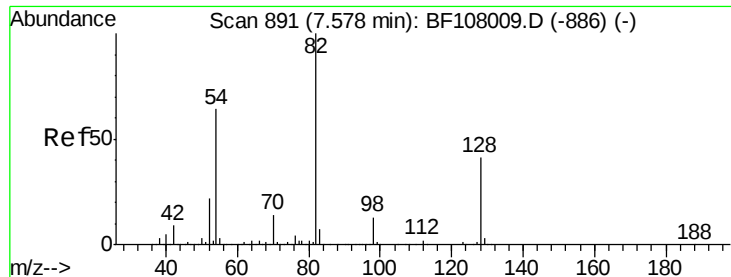
Tgt Ion:	70	Resp:	160087
Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108224.D
Acq: 17 Aug 2018 4:37

Tgt Ion:	136	Resp:	643339
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.0	6.6	9.8
68	5.6	5.0	7.4

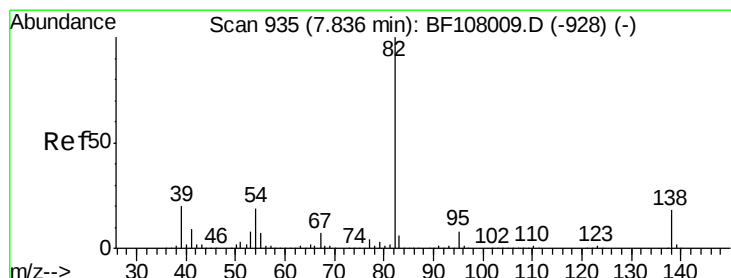
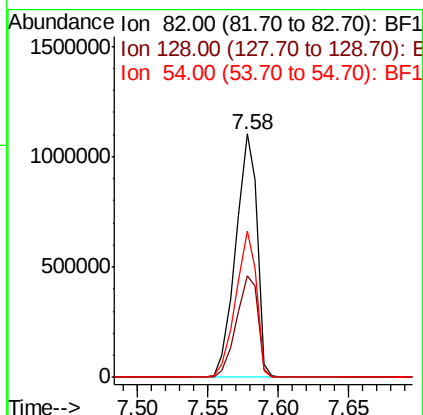
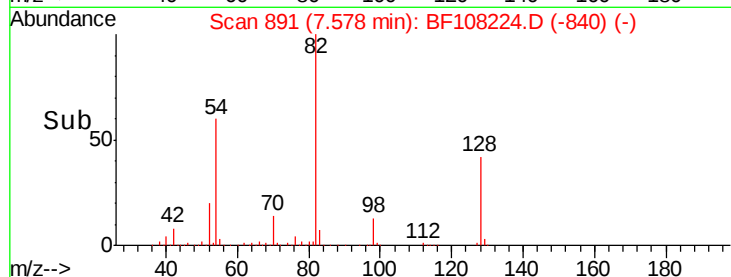
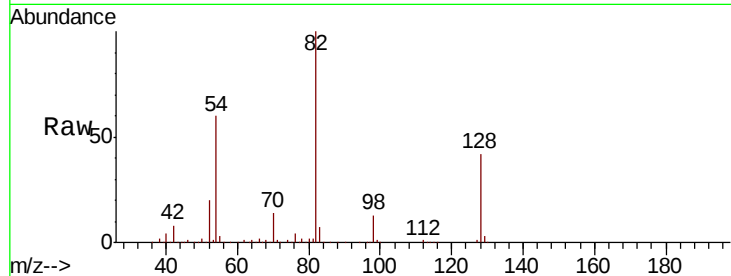




#23
 Nitrobenzene-d5
 Concen: 100.606 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108224.D
 Acq: 17 Aug 2018 4:37

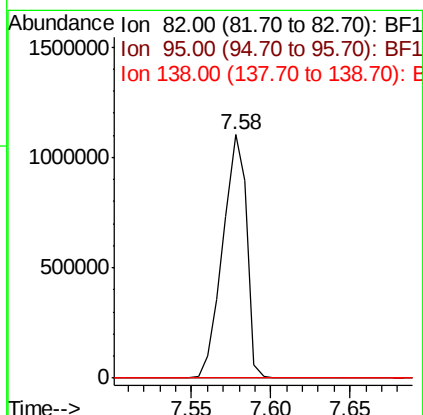
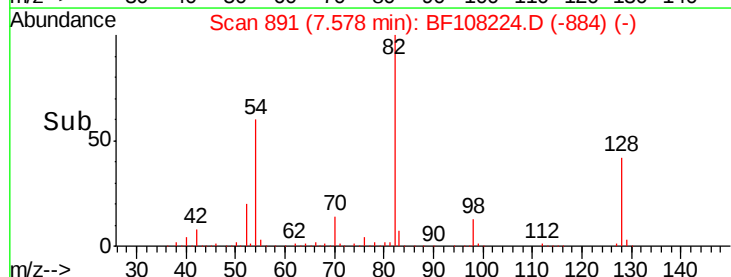
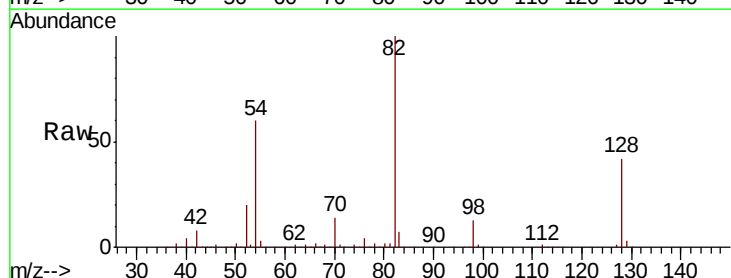
Instrument :
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 ClientSampleId :
 081418-DBRI-F-D-S

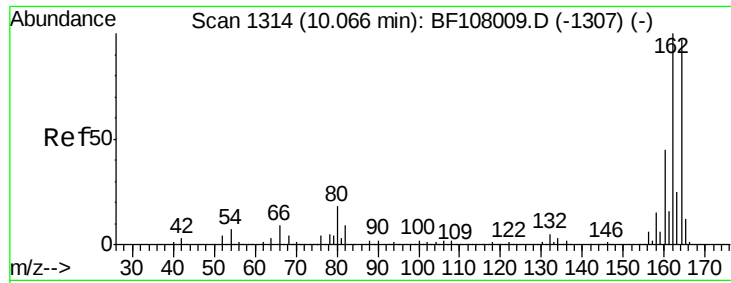
Tgt Ion: 82 Resp: 1159897
 Ion Ratio Lower Upper
 82 100
 128 41.8 36.1 54.1
 54 60.4 41.4 62.2



#25
 Isophorone
 Concen: 52.653 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.26 min
 Lab File: BF108224.D
 Acq: 17 Aug 2018 4:37

Tgt Ion: 82 Resp: 1157042
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108224.D

Acq: 17 Aug 2018 4:37

Instrument :

BNA_F

ClientSampleId :

081418-DBRI-F-D-S

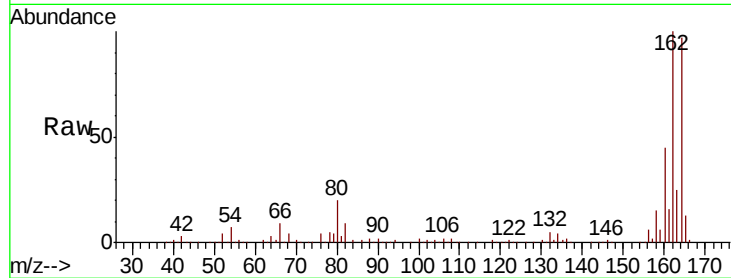
Tgt Ion:164 Resp: 318607

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

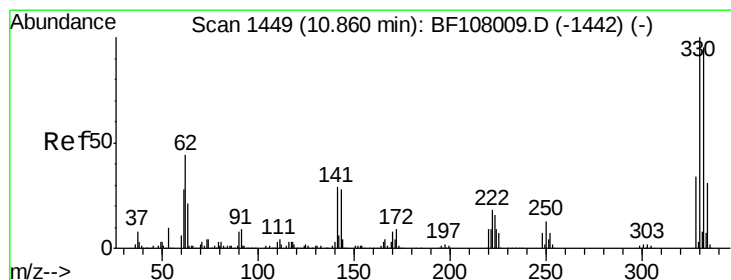
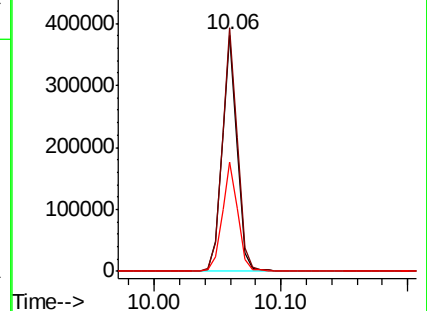
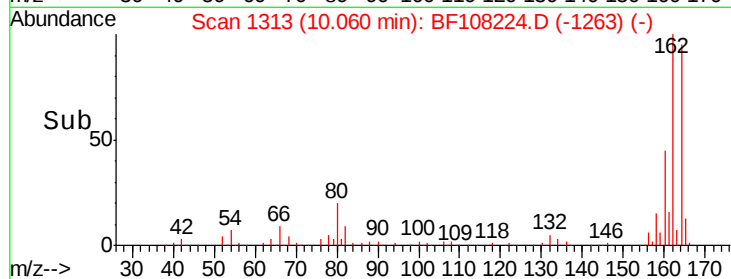
160 46.2 38.3 57.5



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: 100.230 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108224.D

Acq: 17 Aug 2018 4:37

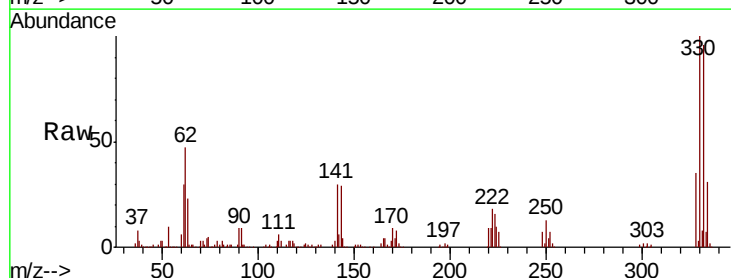
Tgt Ion:330 Resp: 318533

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

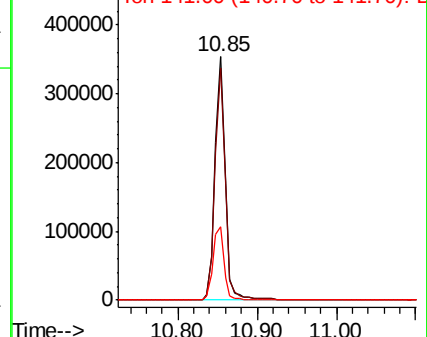
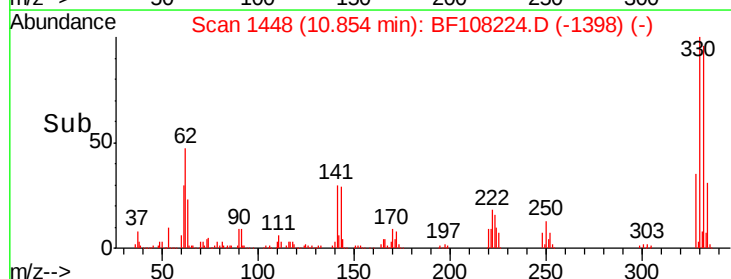
141 33.1 29.9 44.9



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

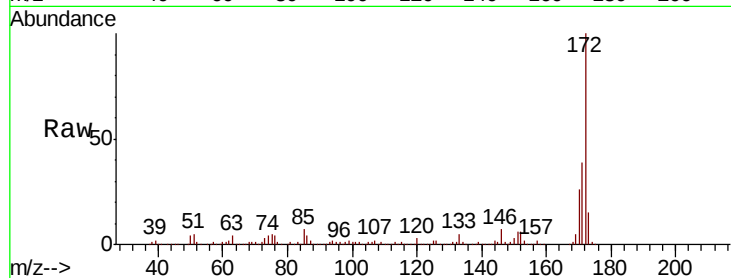




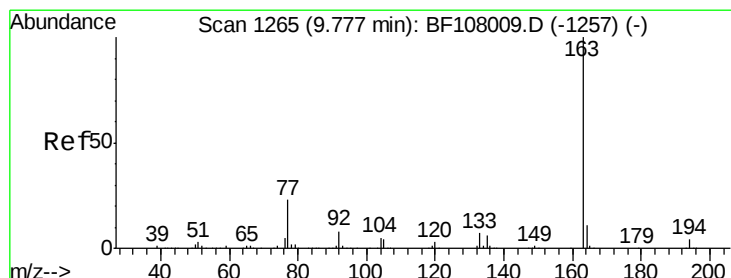
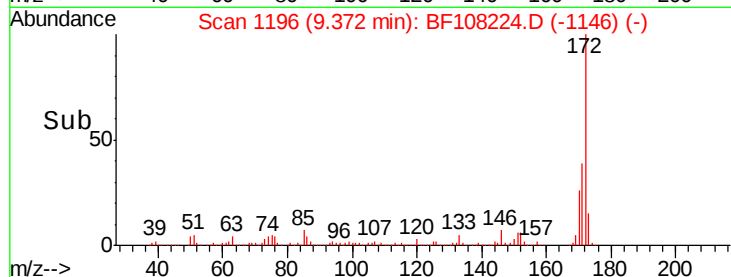
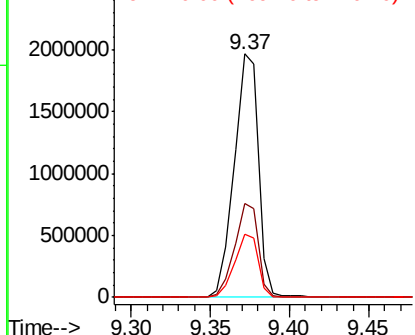
#44
 2-Fluorobiphenyl
 Concen: 105.188 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108224.D
 Acq: 17 Aug 2018 4:37

Instrument :
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 ClientSampleId :
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Tgt Ion:172 Resp: 2087475
 Ion Ratio Lower Upper
 172 100
 171 38.6 29.7 44.5
 170 25.7 19.6 29.4

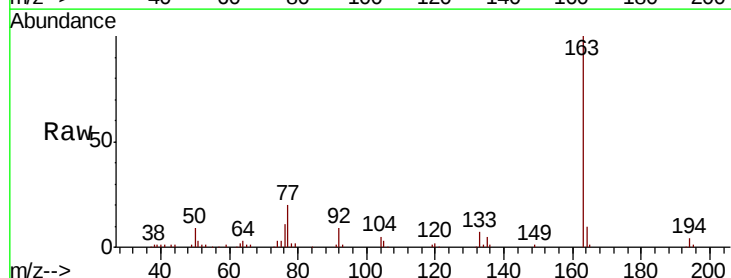


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

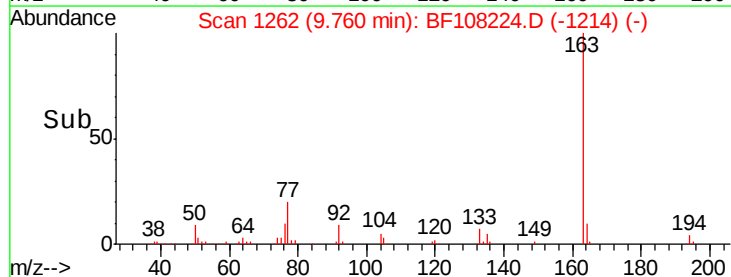
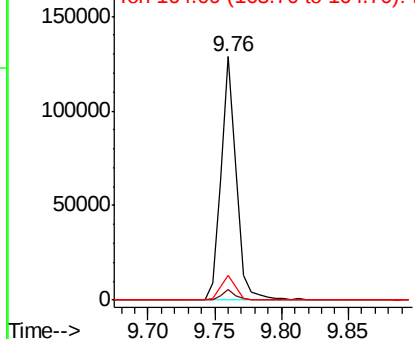


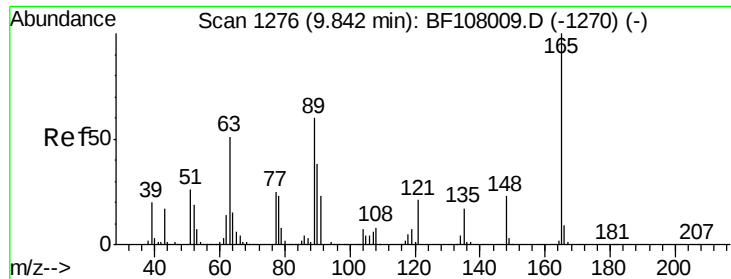
#49
 Dimethylphthalate
 Concen: 4.697 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108224.D
 Acq: 17 Aug 2018 4:37

Tgt Ion:163 Resp: 104237
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.7 4.1#
 164 10.0 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

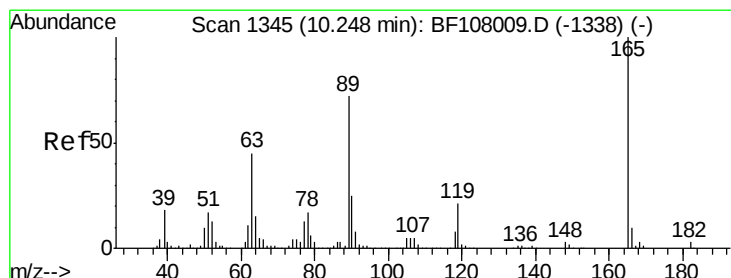
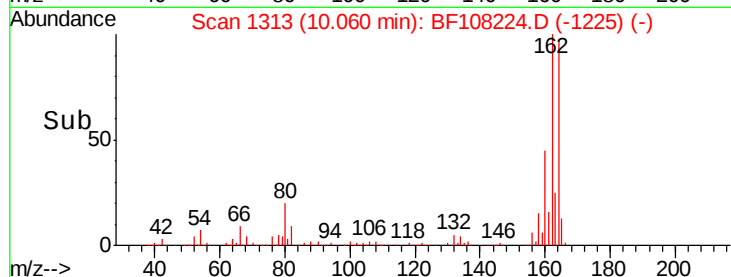
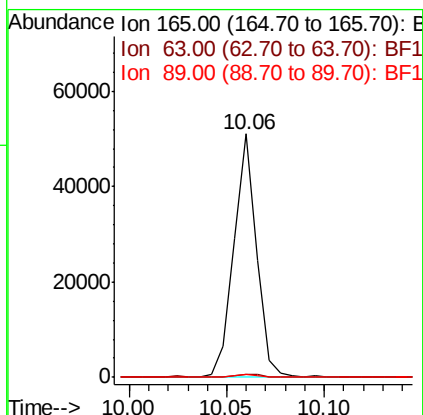
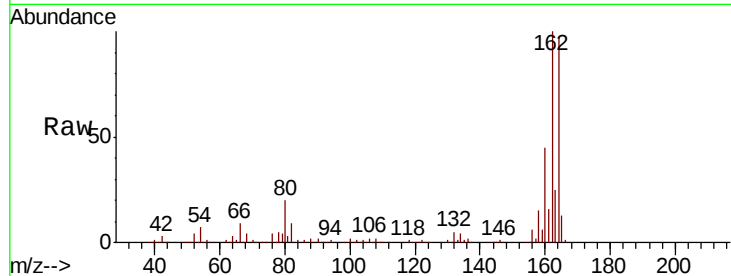




#50
 2,6-Dinitrotoluene
 Concen: 8.888 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108224.D
 Acq: 17 Aug 2018 4:37

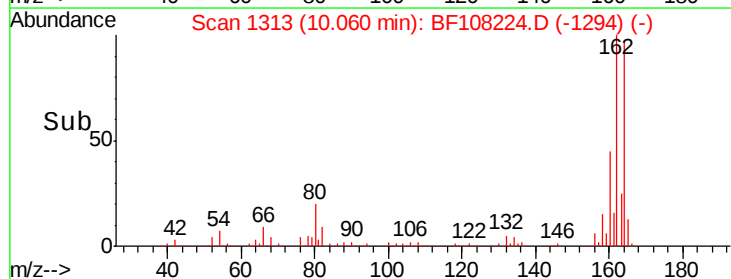
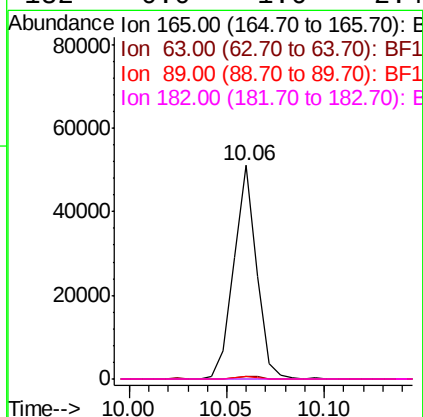
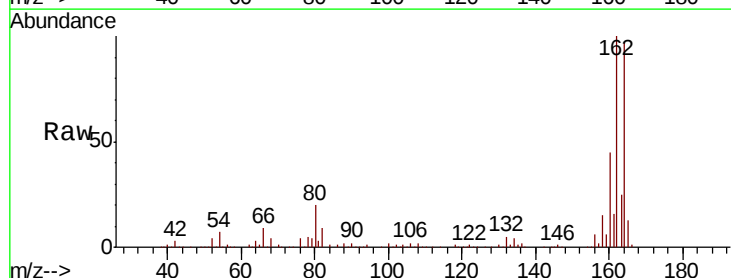
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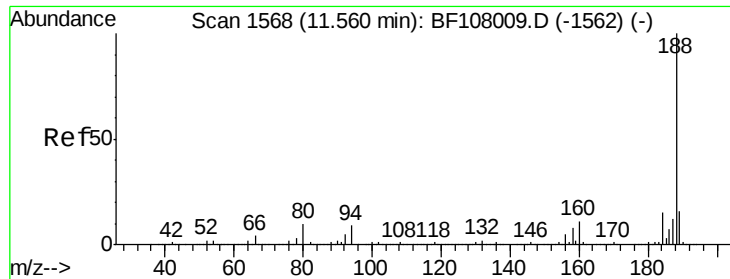
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.905 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108224.D
 Acq: 17 Aug 2018 4:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.5	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: BF108224.D

Acq: 17 Aug 2018 4:37

Instrument :

BNA_F

ClientSampleId :

081418-DBRI-F-D-S

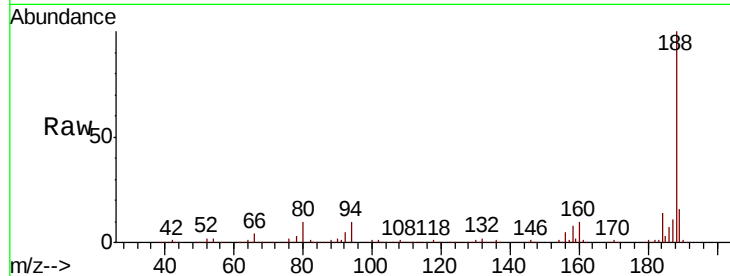
Tgt Ion:188 Resp: 595038

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

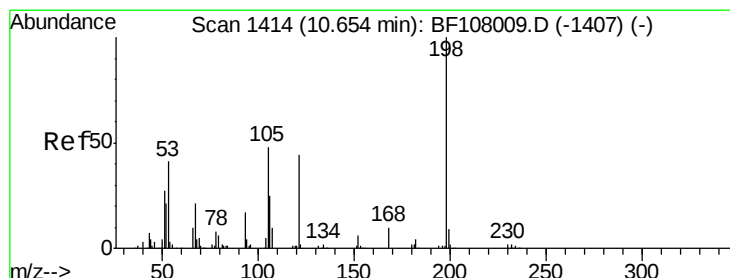
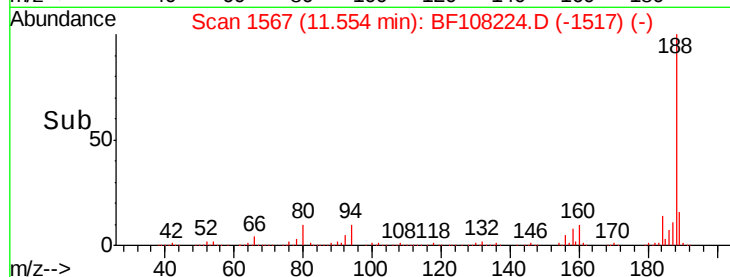
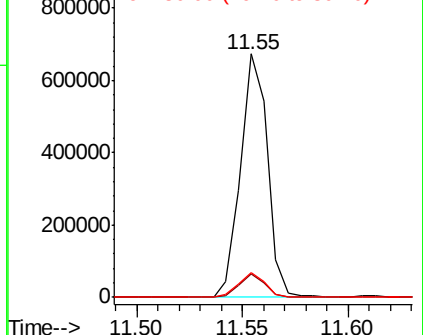
80 10.4 9.2 13.8



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: 5.680 ng

RT: 10.85 min Scan# 1448

Delta R.T. 0.20 min

Lab File: BF108224.D

Acq: 17 Aug 2018 4:37

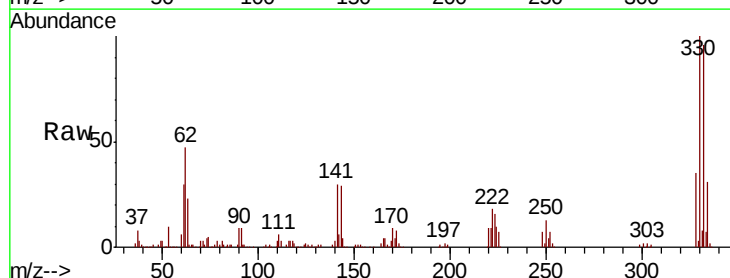
Tgt Ion:198 Resp: 809

Ion Ratio Lower Upper

198 100

51 150.2 37.7 77.7#

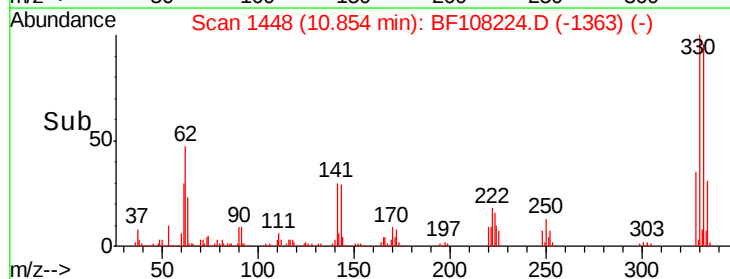
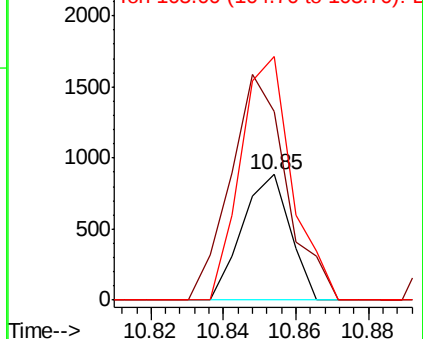
105 193.6 36.3 76.3#

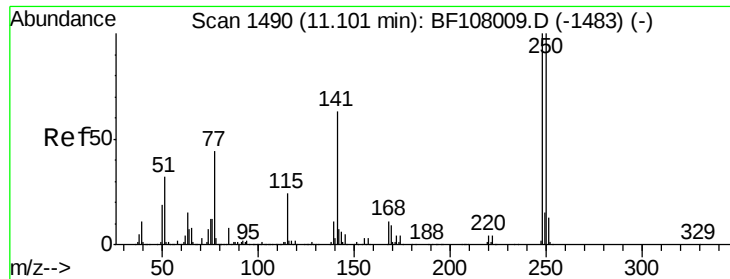


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

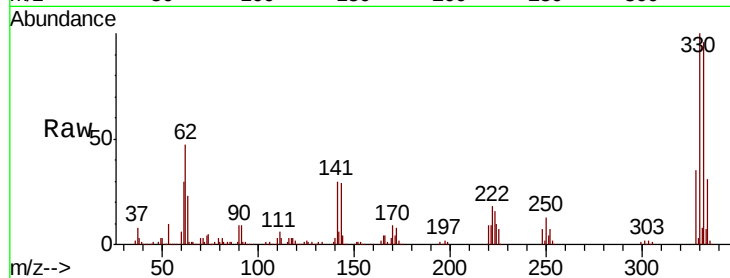




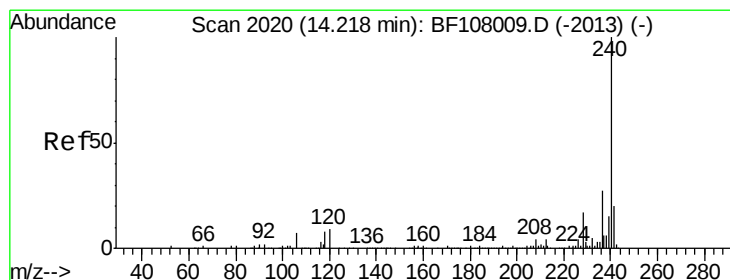
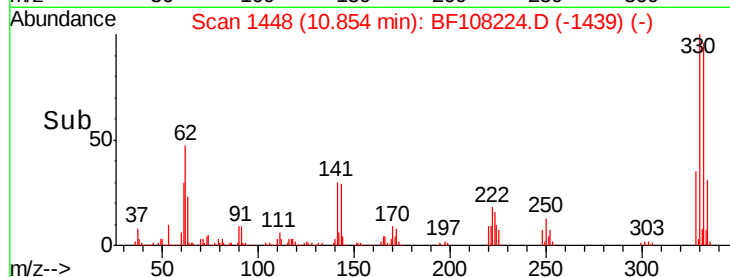
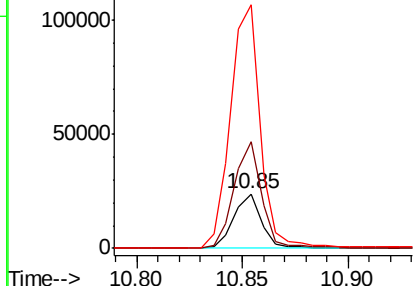
#66
4-Bromophenyl-phenylether
Concen: 3.331 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108224.D
Acq: 17 Aug 2018 4:37

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-D-S

Tgt Ion: 248 Resp: 21542
Ion Ratio Lower Upper
248 100
250 194.9 76.9 115.3#
141 445.9 74.4 111.6#

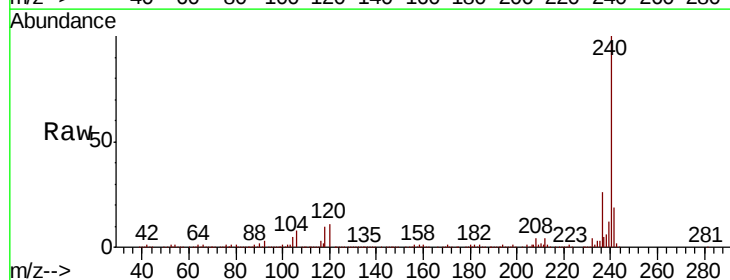


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

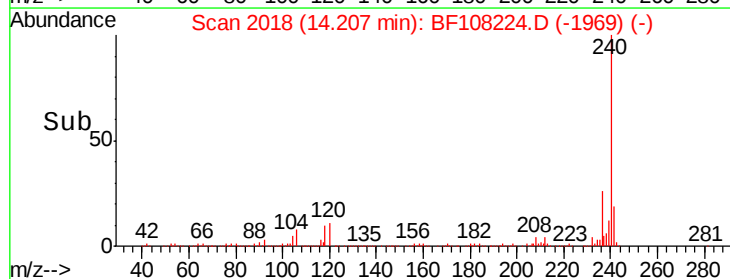
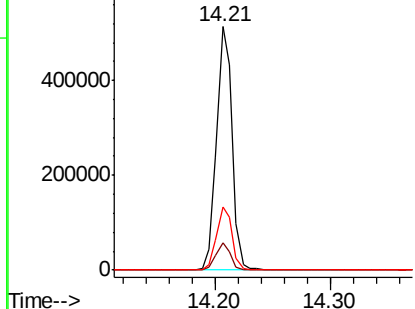


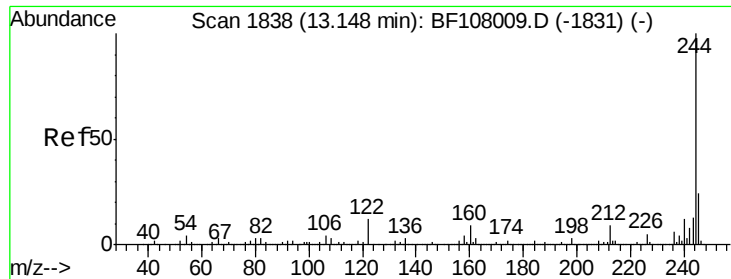
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108224.D
Acq: 17 Aug 2018 4:37

Tgt Ion: 240 Resp: 479215
Ion Ratio Lower Upper
240 100
120 11.1 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: 105.880 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108224.D

Acq: 17 Aug 2018 4:37

Instrument :

BNA_F

ClientSampleId :

081418-DBRI-F-D-S

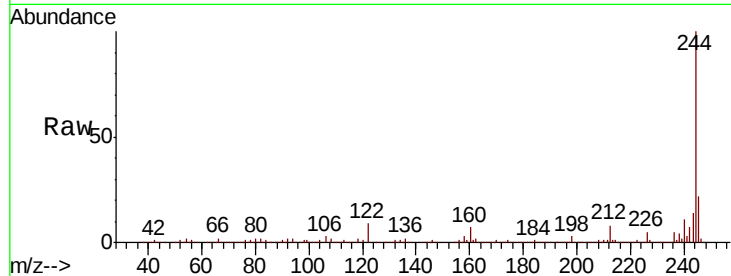
Tgt Ion:244 Resp: 1995589

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

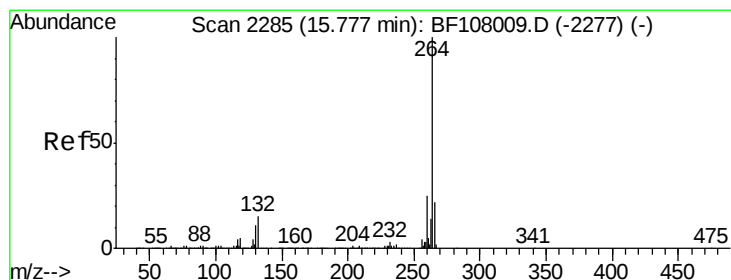
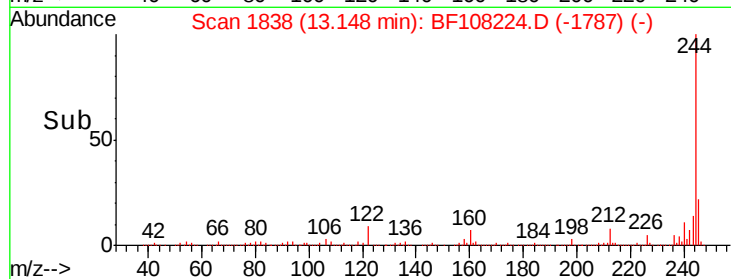
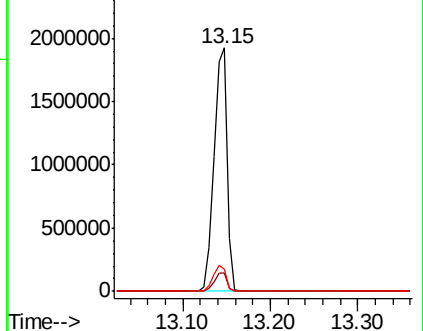
122 9.3 11.0 16.4#



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: BF108224.D

Acq: 17 Aug 2018 4:37

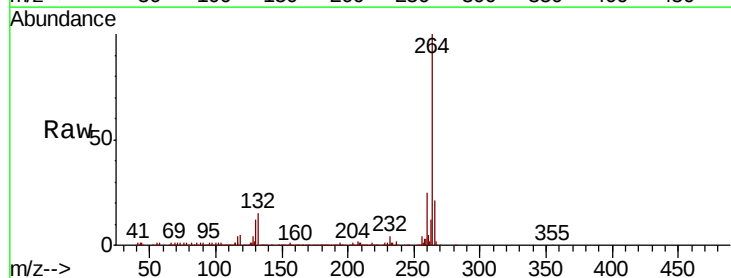
Tgt Ion:264 Resp: 373975

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.1 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

