

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
 Data File : BF108226.D
 Acq On : 17 Aug 2018 5:32
 Operator : JU/SJ
 Sample : J4504-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Aug 17 07:26:47 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	174804	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	631031	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	301089	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	557117	20.00	ng	0.00
75) Chrysene-d12	14.21	240	477576	20.00	ng	-0.01
86) Perylene-d12	15.77	264	356248	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	410689	42.54	ng	0.00
7) Phenol-d6	6.62	99	335156	26.12	ng	0.00
23) Nitrobenzene-d5	7.58	82	1162693	102.82	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	293917	97.87	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2044340	109.01	ng	0.00
78) Terphenyl-d14	13.14	244	1952569	103.95	ng	0.00

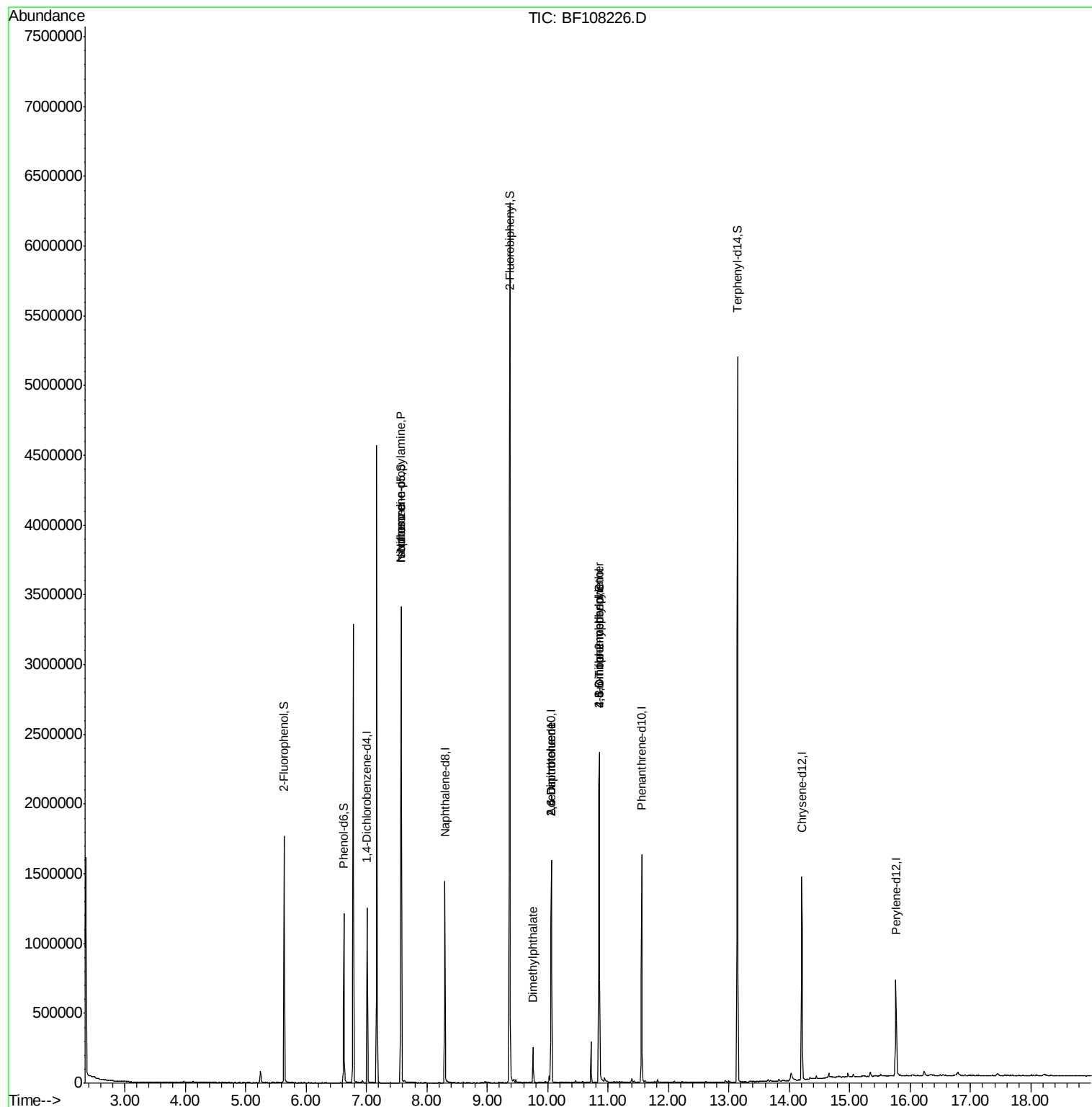
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	157815	18.189	ng	# 83
25) Isophorone	7.58	82	1162682	53.942	ng	# 64
49) Dimethylphthalate	9.76	163	95810	4.568	ng	# 99
50) 2,6-Dinitrotoluene	10.06	165	38313	8.731	ng	# 25
56) 2,4-Dinitrotoluene	10.06	165	38313	6.783	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	596	5.612	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	19146	3.162	ng	# 1

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

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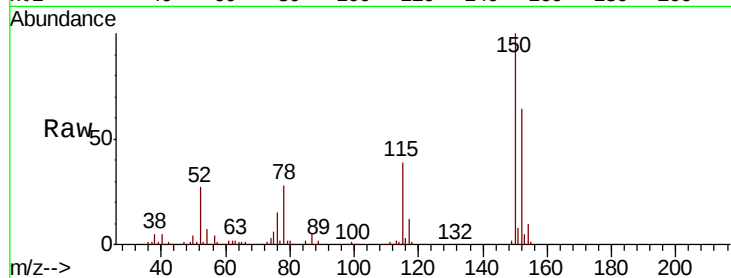


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108226.D
Acq: 17 Aug 2018 5:32

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	60.5	50.1	75.1

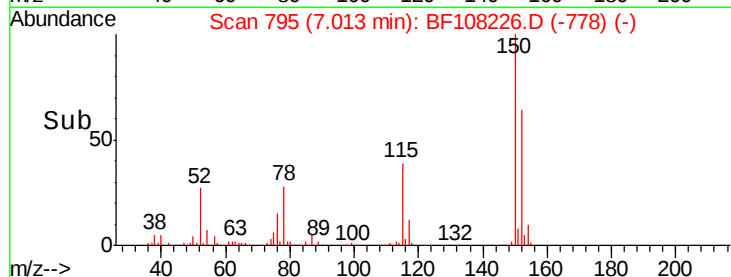
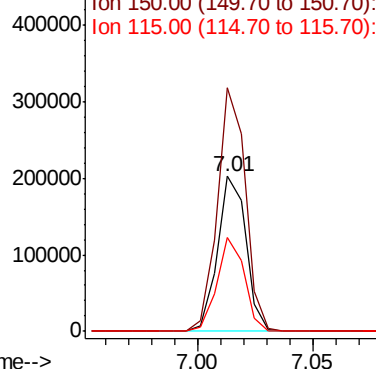


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

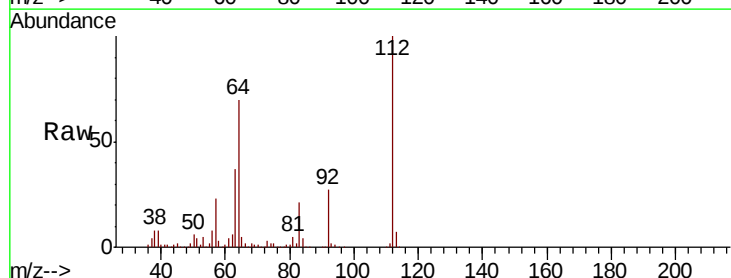
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.535 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108226.D
Acq: 17 Aug 2018 5:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	47.9	71.9
63	36.7	23.7	35.5

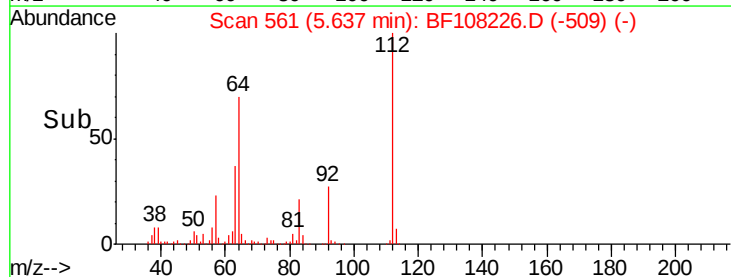
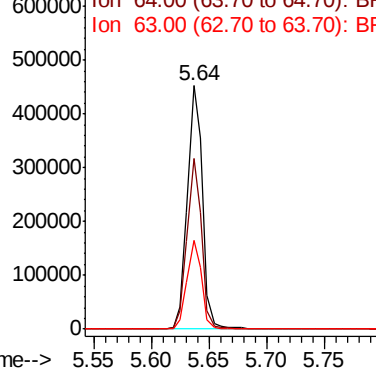


Abundance

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: 26.122 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108226.D

Acq: 17 Aug 2018 5:32

Instrument :

BNA_F

ClientSampleId :

081418-DBRI-F-U-S

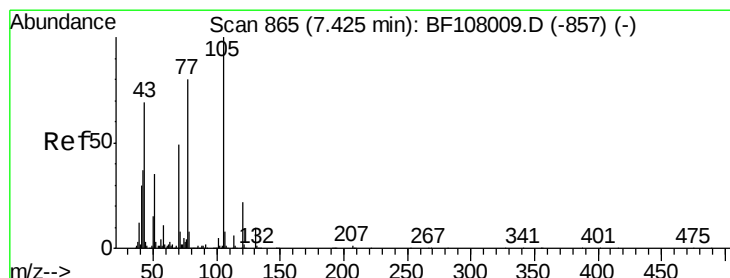
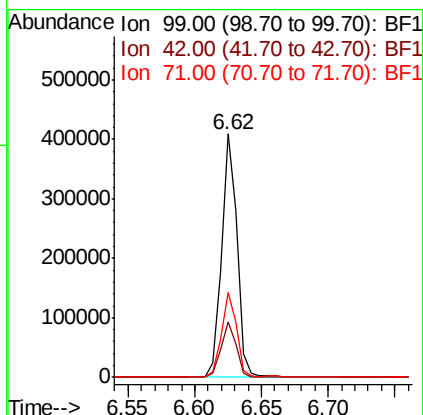
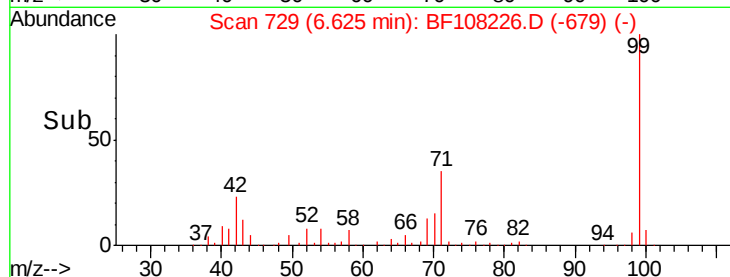
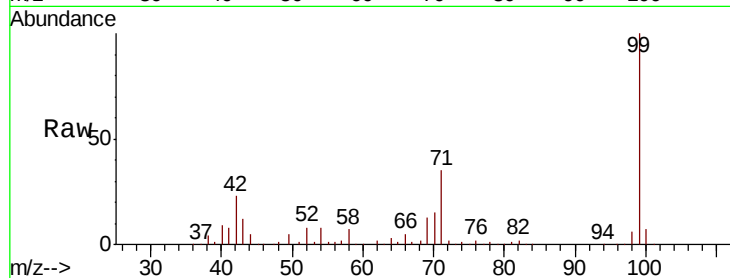
Tgt Ion: 99 Resp: 335156

Ion Ratio Lower Upper

99 100

42 22.8 14.5 21.7#

71 34.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.189 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108226.D

Acq: 17 Aug 2018 5:32

Tgt Ion: 70 Resp: 157815

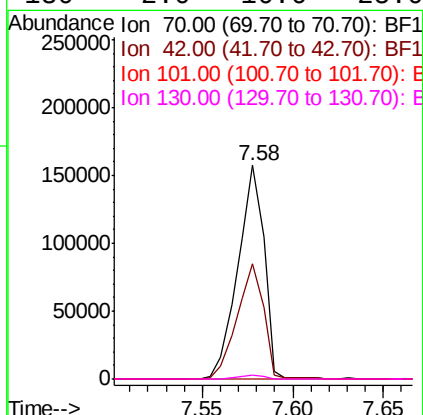
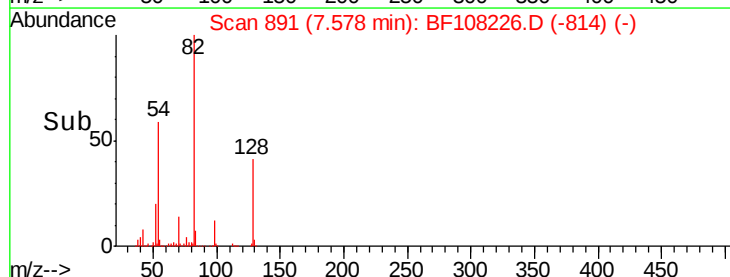
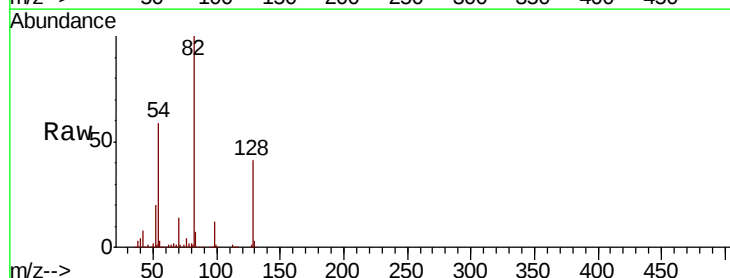
Ion Ratio Lower Upper

70 100

42 54.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

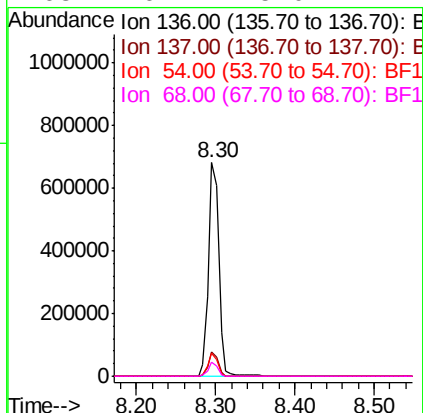
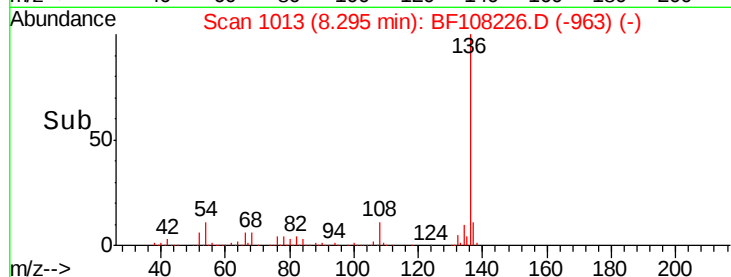
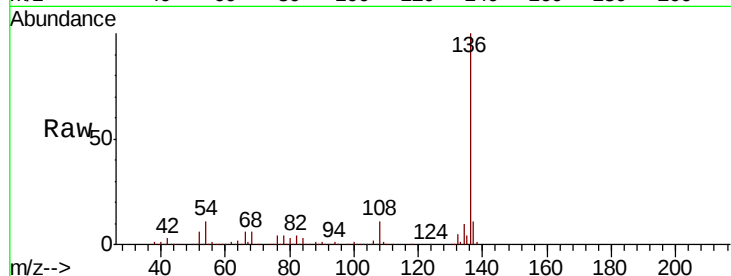




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108226.D
Acq: 17 Aug 2018 5:32

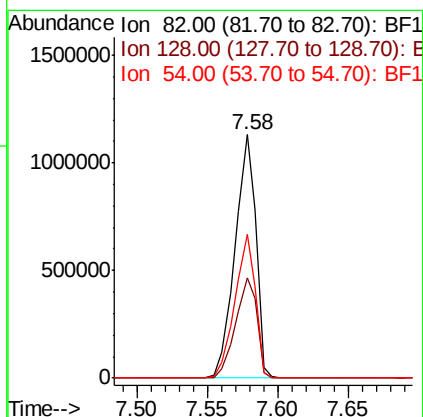
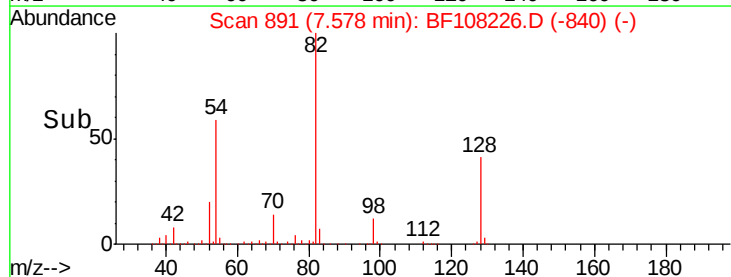
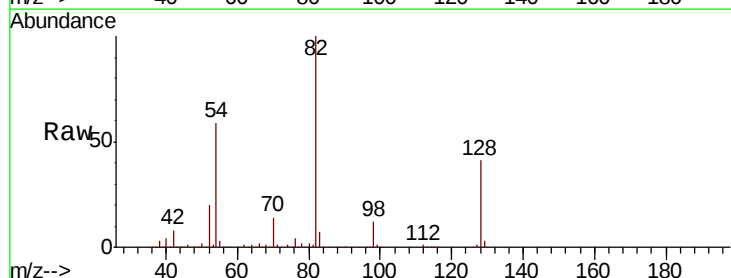
Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-S

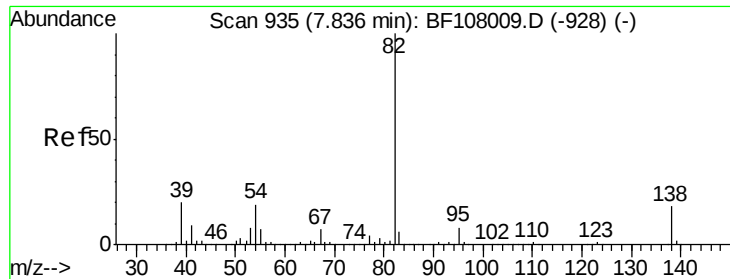
Tgt Ion:	136	Resp:	631031
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.8	6.6	9.8#
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 102.816 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108226.D
Acq: 17 Aug 2018 5:32

Tgt Ion:	82	Resp:	1162693
Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	58.9	41.4	62.2

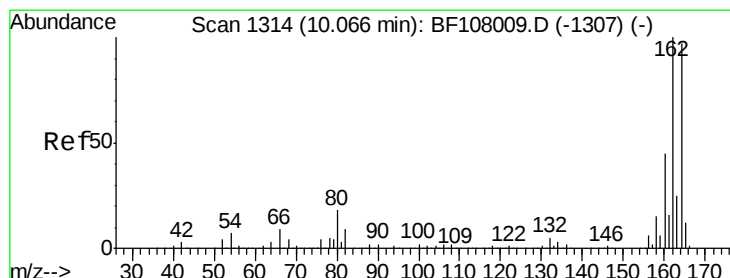
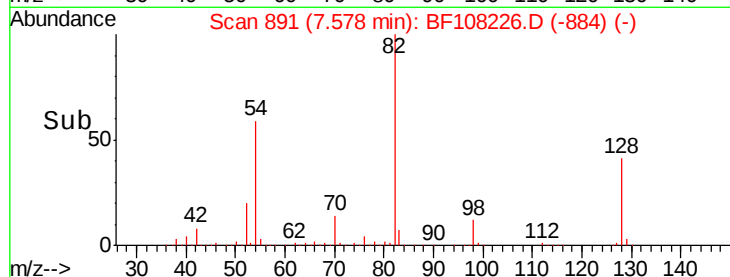
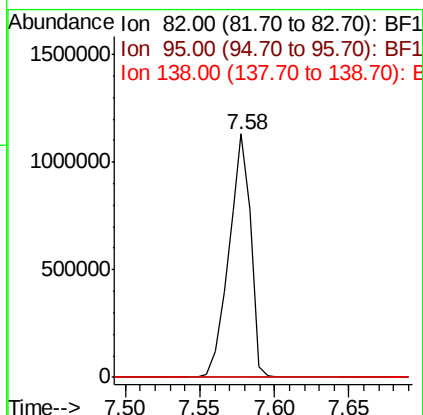
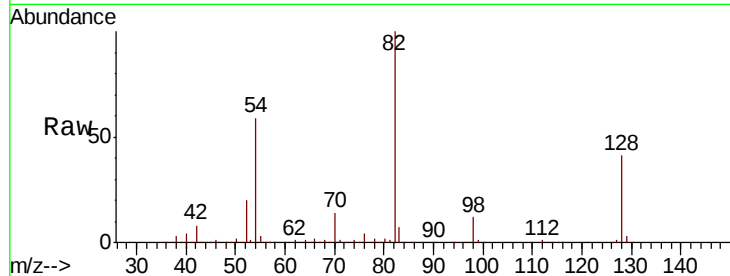




#25
Isophorone
Concen: 53.942 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108226.D
Acq: 17 Aug 2018 5:32

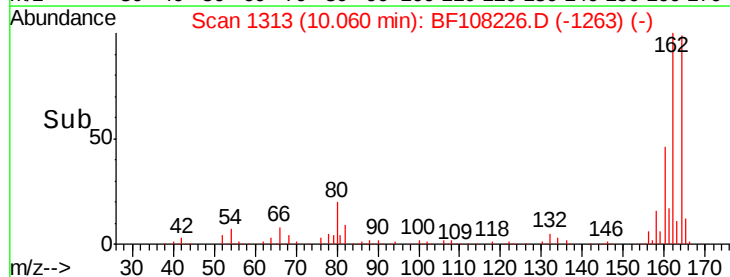
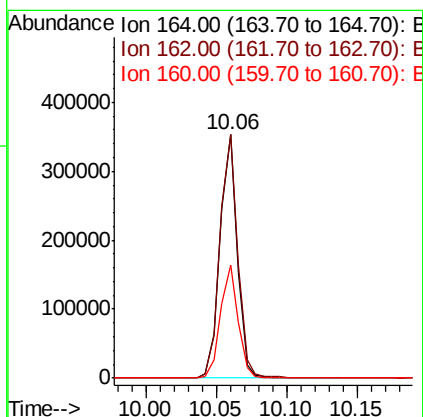
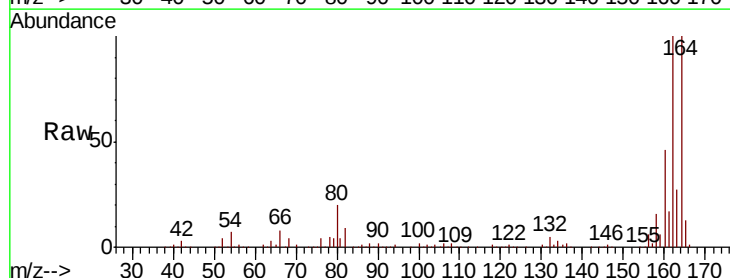
Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-U-S

Tgt Ion: 82 Resp: 1162682
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: BF108226.D
Acq: 17 Aug 2018 5:32

Tgt Ion: 164 Resp: 301089
Ion Ratio Lower Upper
164 100
162 100.1 86.1 129.1
160 46.4 38.3 57.5

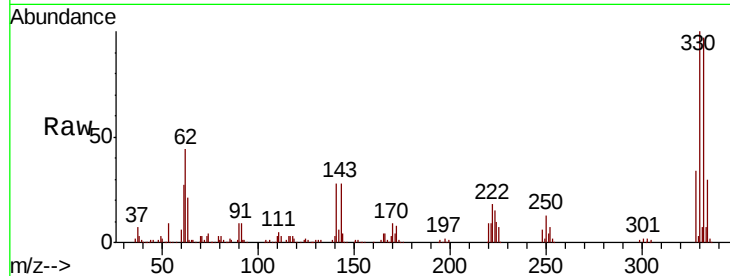




#41
 2,4,6-Tribromophenol
 Concen: 97.865 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108226.D
 Acq: 17 Aug 2018 5:32

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.8	29.9	44.9

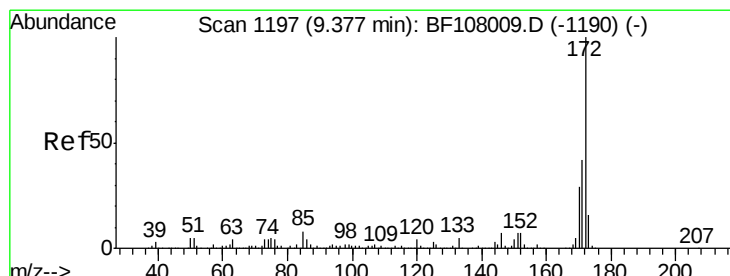
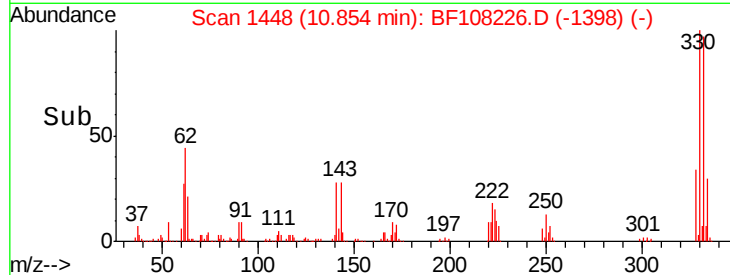
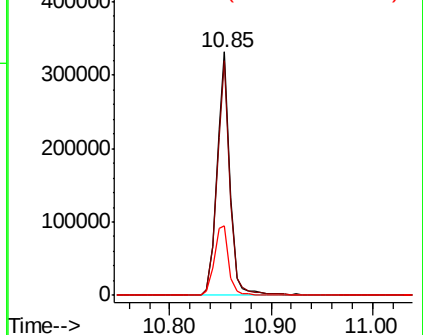


Abundance

Ion 329.80 (329.50 to 330.50): E

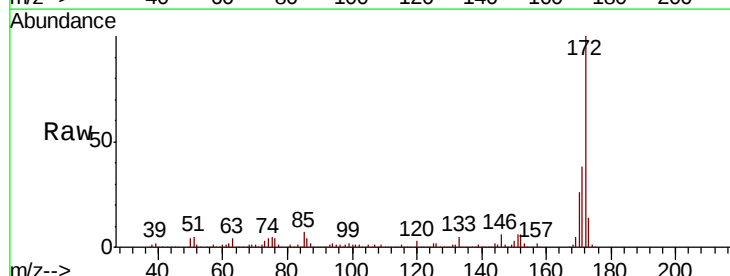
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 109.008 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108226.D
 Acq: 17 Aug 2018 5:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.6	19.6	29.4

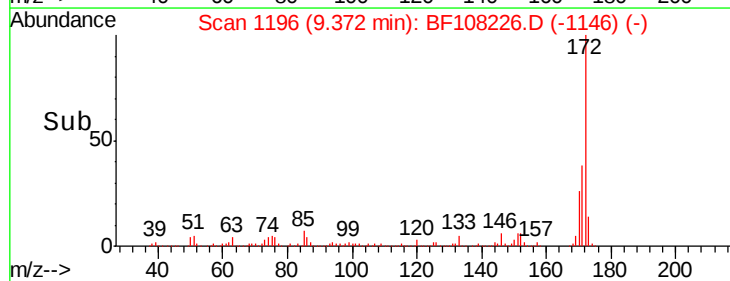
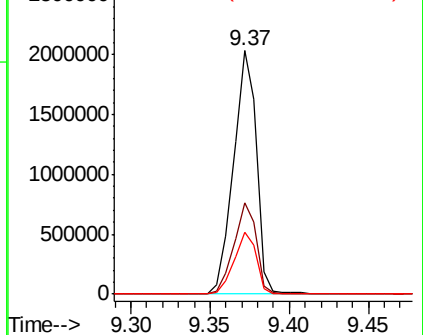


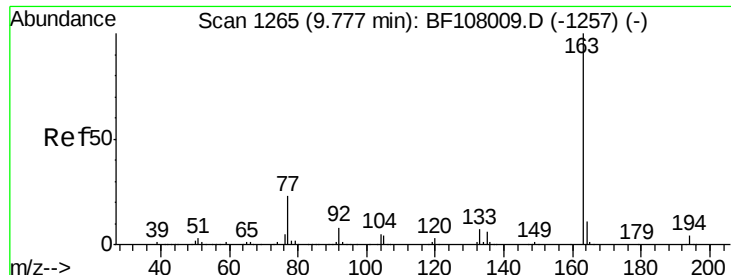
Abundance

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

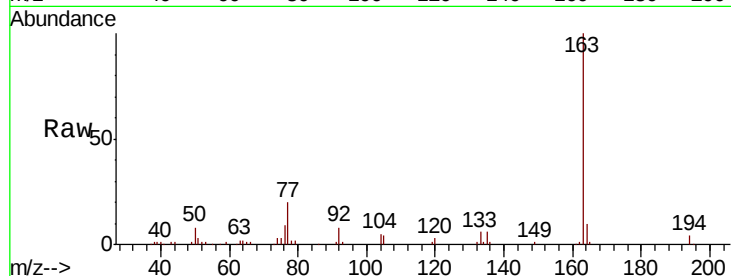




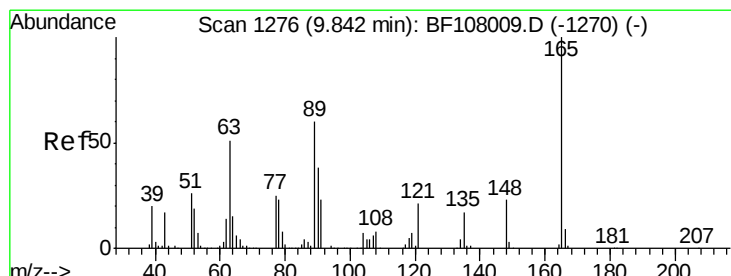
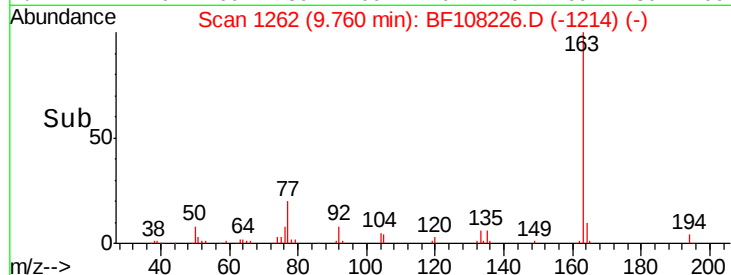
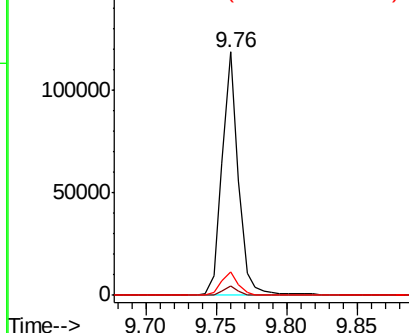
#49
Dimethylphthalate
Concen: 4.568 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108226.D
Acq: 17 Aug 2018 5:32

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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.7	8.2	12.2

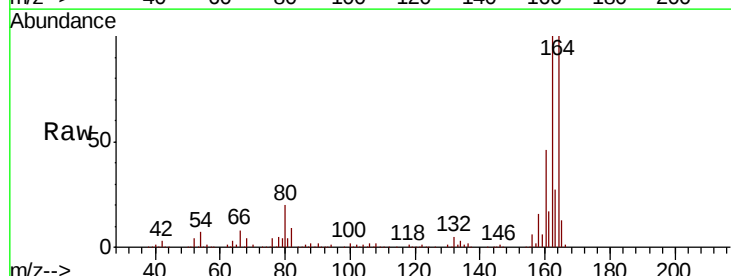


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

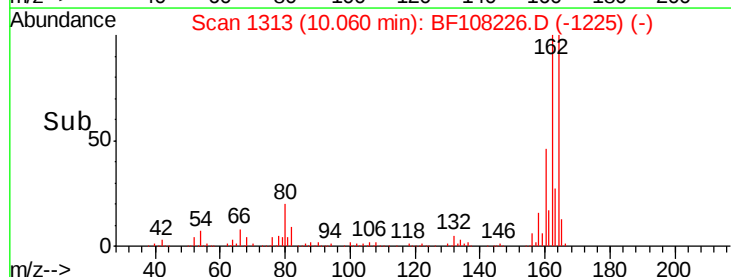
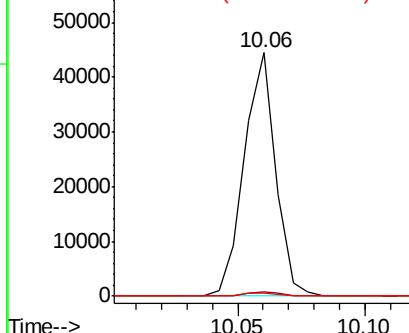


#50
2,6-Dinitrotoluene
Concen: 8.731 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108226.D
Acq: 17 Aug 2018 5:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.1	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: 6.783 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.19 min

Lab File: BF108226.D

Acq: 17 Aug 2018 5:32

Instrument :

BNA_F

ClientSampleId :

081418-DBRI-F-U-S

Tgt Ion:165 Resp: 38313

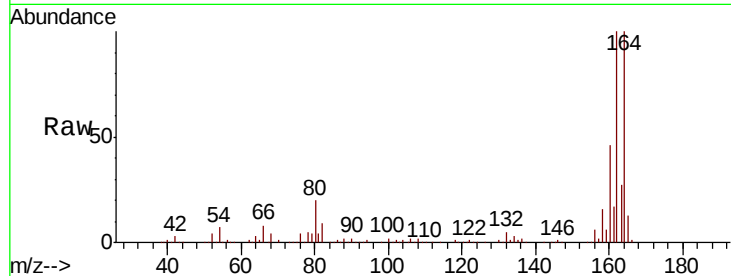
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.1 57.8 86.6#

182 0.0 1.6 2.4#

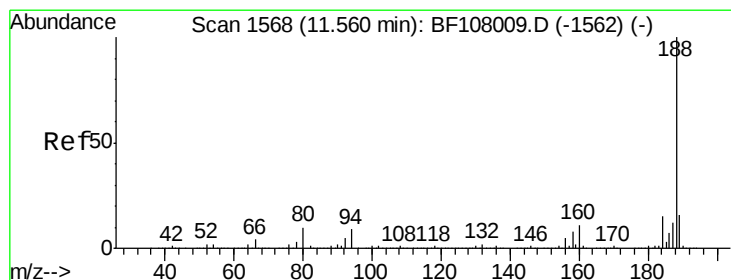
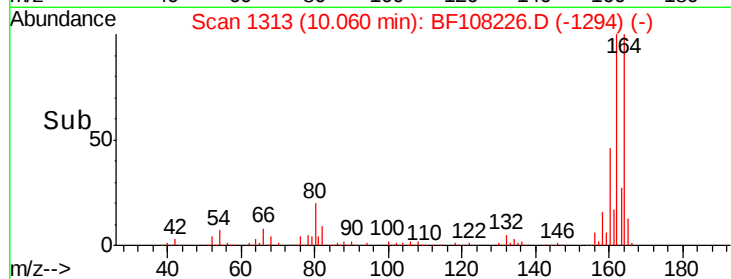
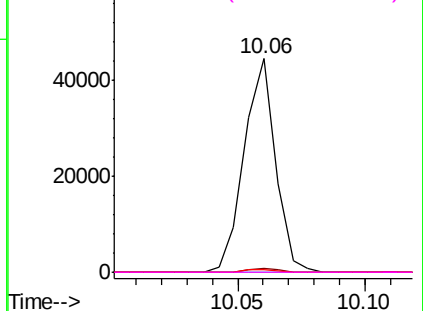


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF108226.D

Acq: 17 Aug 2018 5:32

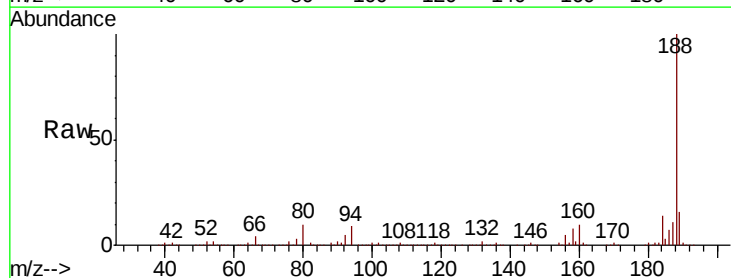
Tgt Ion:188 Resp: 557117

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

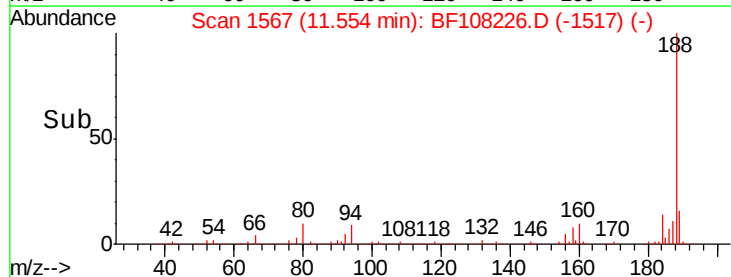
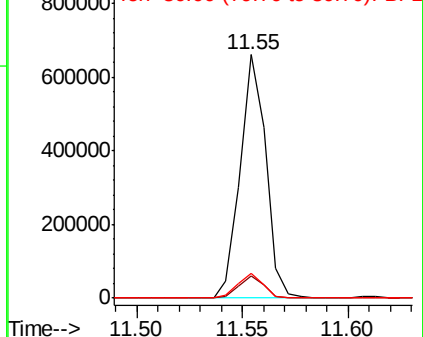
80 10.2 9.2 13.8

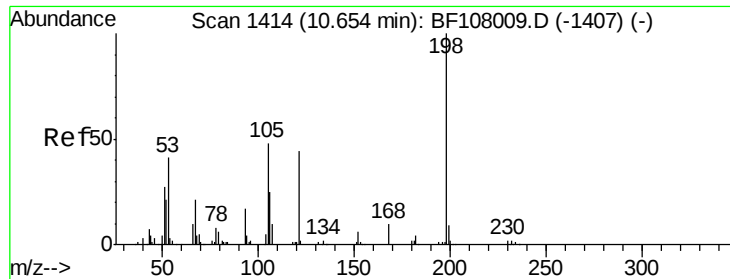


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

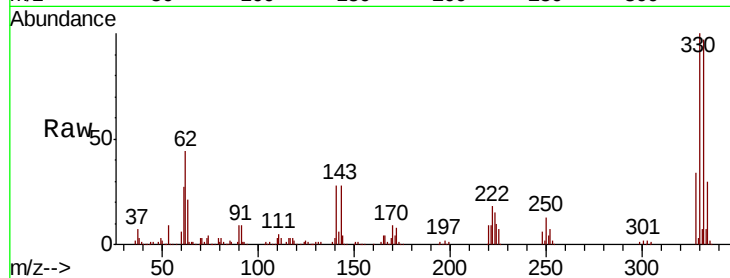




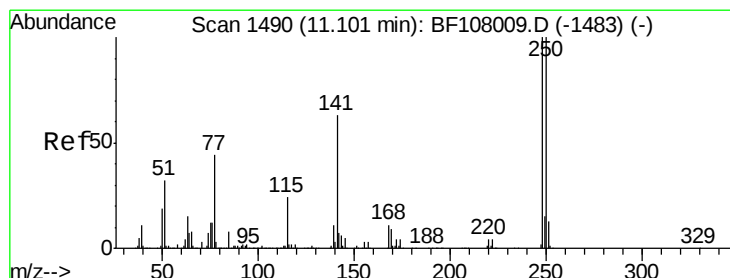
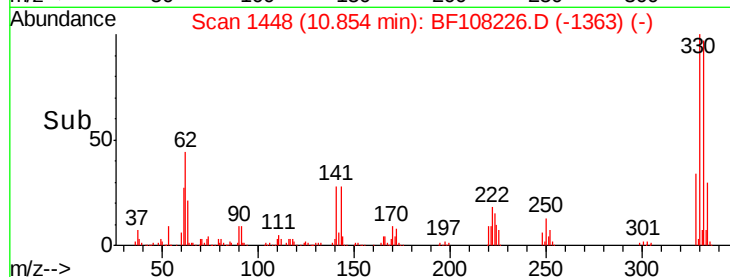
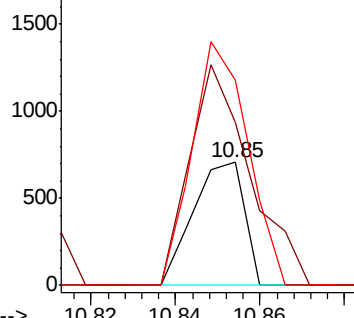
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.612 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108226.D
 Acq: 17 Aug 2018 5:32

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

Tgt Ion:198 Resp: 596
 Ion Ratio Lower Upper
 198 100
 51 132.8 37.7 77.7#
 105 166.8 36.3 76.3#

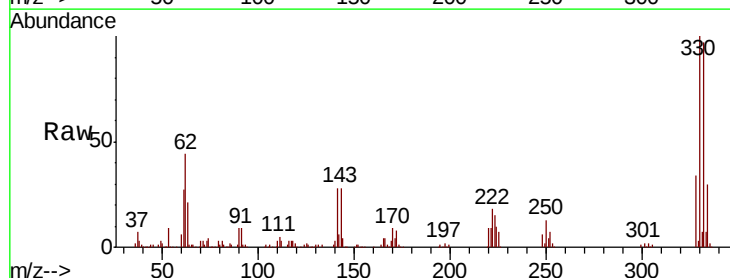


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

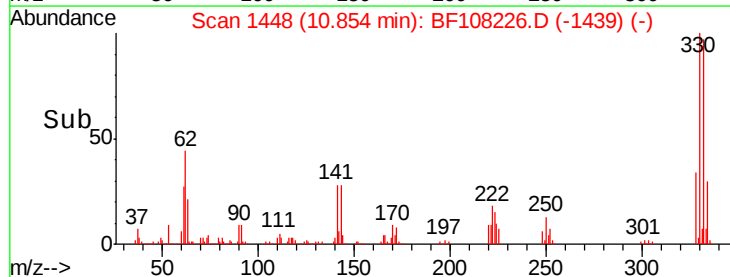
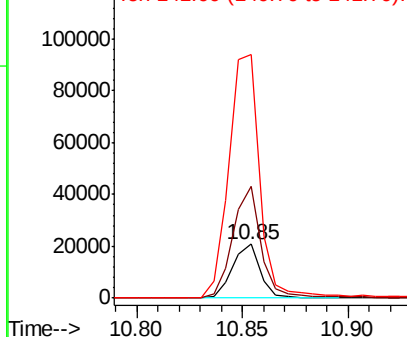


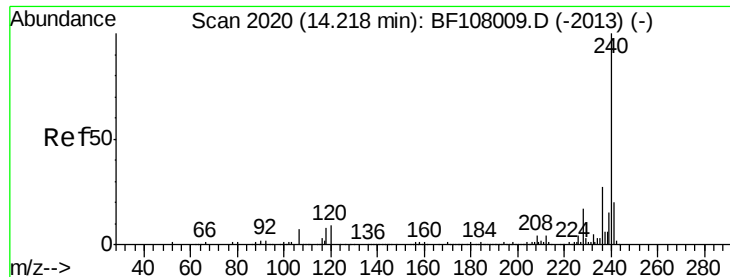
#66
 4-Bromophenyl-phenylether
 Concen: 3.162 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108226.D
 Acq: 17 Aug 2018 5:32

Tgt Ion:248 Resp: 19146
 Ion Ratio Lower Upper
 248 100
 250 207.3 76.9 115.3#
 141 450.9 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: BF108226.D

Acq: 17 Aug 2018 5:32

Instrument :

BNA_F

ClientSampleId :

081418-DBRI-F-U-S

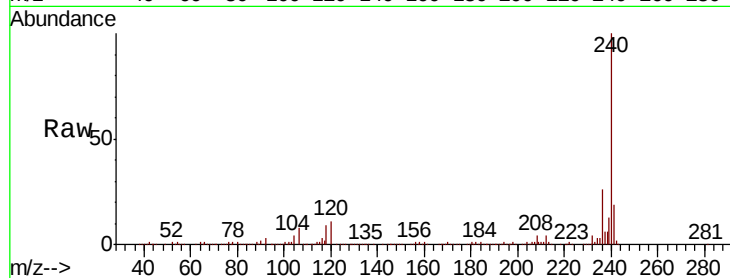
Tgt Ion:240 Resp: 477576

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

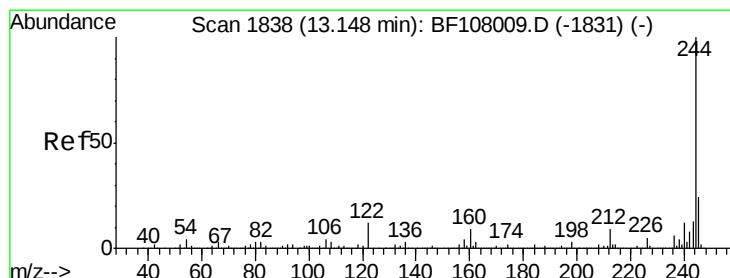
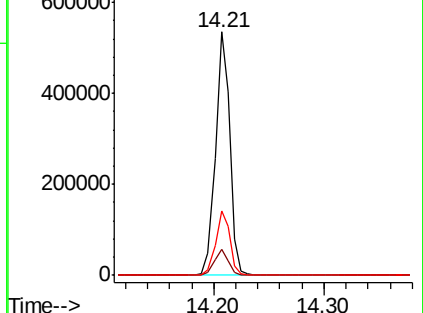
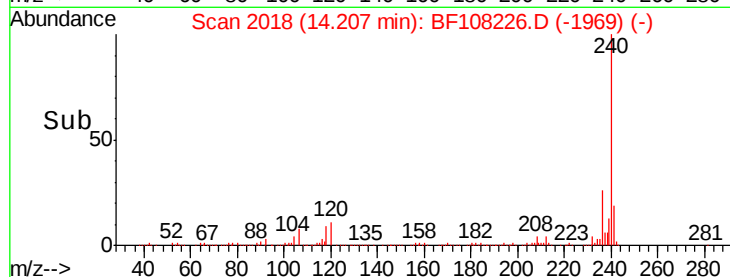
236 26.3 20.7 31.1



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: 103.953 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108226.D

Acq: 17 Aug 2018 5:32

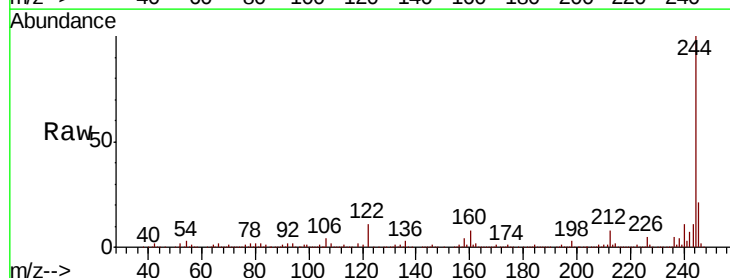
Tgt Ion:244 Resp: 1952569

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

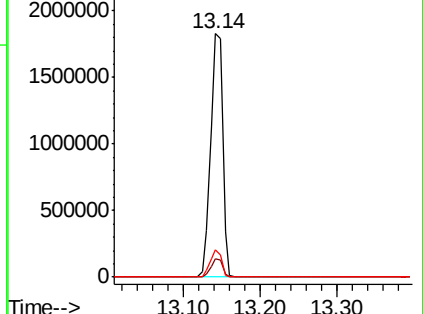
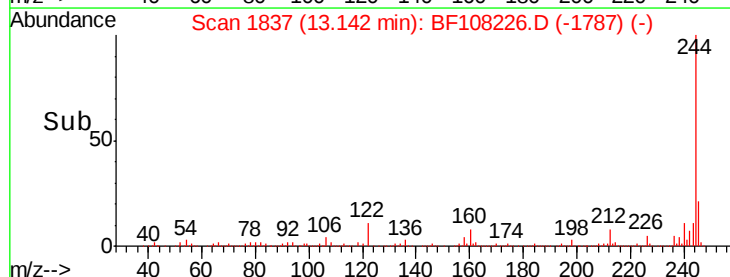
122 11.4 11.0 16.4

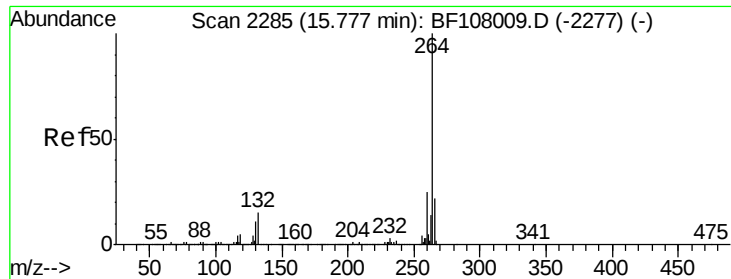


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108226.D
Acq: 17 Aug 2018 5:32

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3

