

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108589.D
 Acq On : 29 Aug 2018 6:59
 Operator : JU/SJ
 Sample : J4656-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082418-DBRI-F-U-S

Quant Time: Aug 29 07:56:44 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 22 11:01:45 2018
 Response via : Initial Calibration

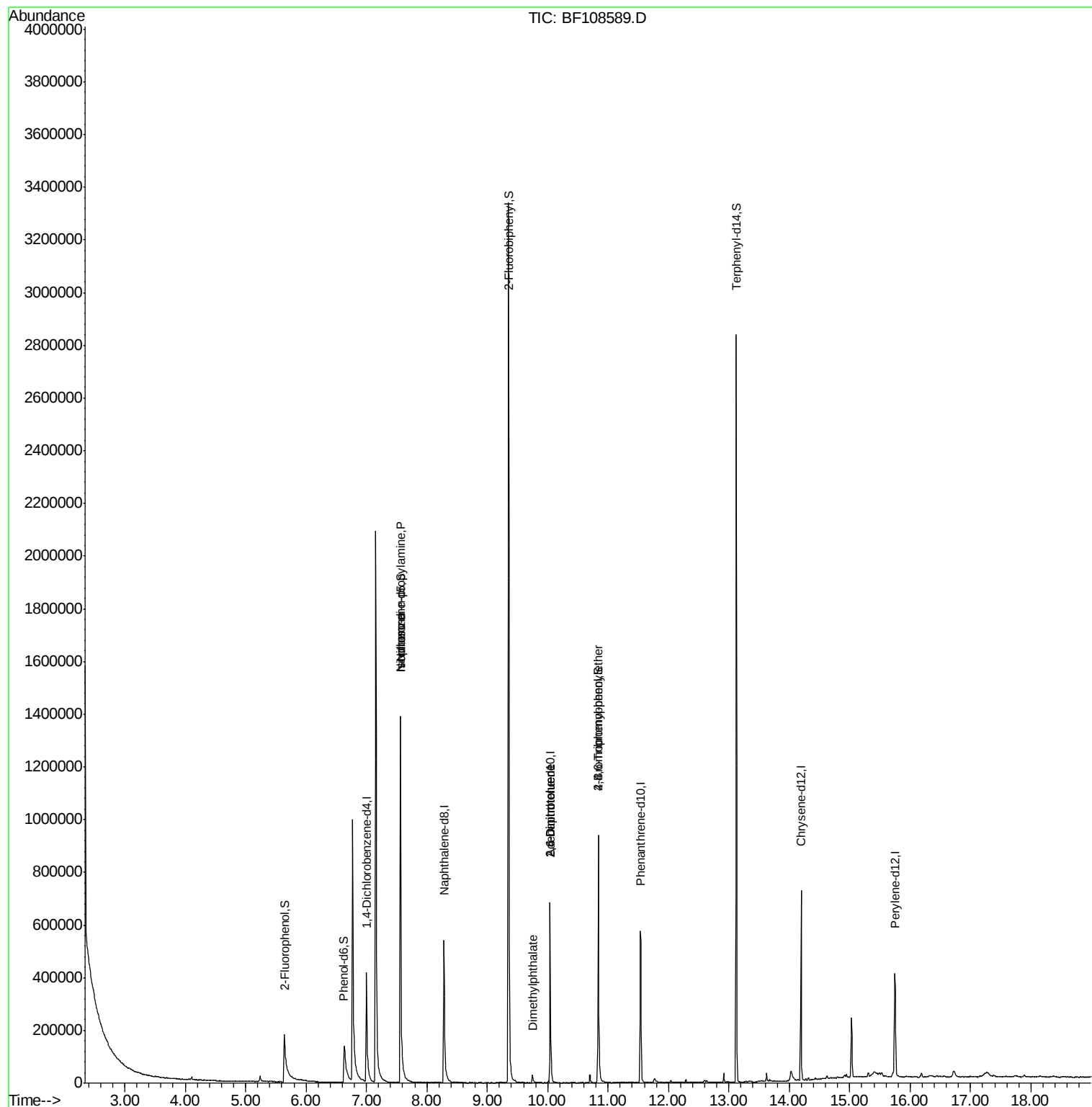
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	94613	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	340547	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	149963	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	257547	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	266915	20.00	ng	0.00
86) Perylene-d12	15.75	264	211004	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	163962	31.37	ng	0.01
7) Phenol-d6	6.64	99	148092	21.32	ng	0.00
23) Nitrobenzene-d5	7.57	82	628561	102.99	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	132896	88.84	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1109491	118.78	ng	-0.01
78) Terphenyl-d14	13.12	244	941913	89.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	82470	17.561	ng	# 84
25) Isophorone	7.57	82	628558	54.036	ng	# 64
49) Dimethylphthalate	9.75	163	21182	2.028	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	18345	8.394	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	18341	6.520	ng	# 22
66) 4-Bromophenyl-phenylether	10.84	248	8259	2.951	ng	# 1

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

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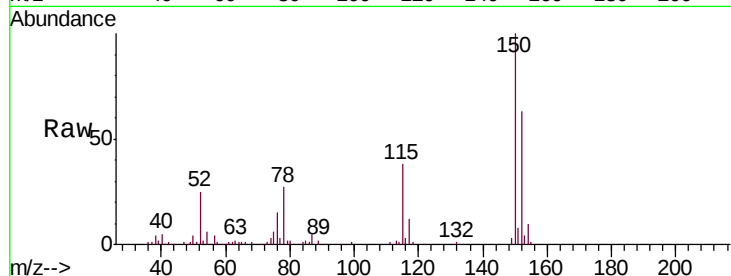


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108589.D
Acq: 29 Aug 2018 6:59

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-U-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	60.9	50.1	75.1

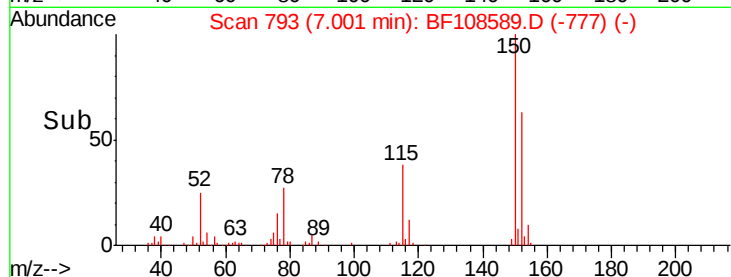
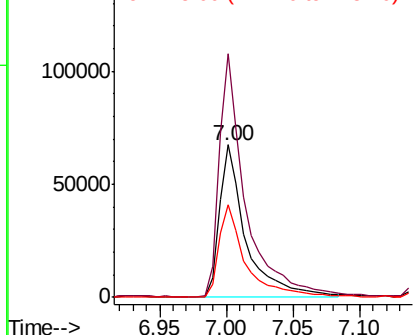


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

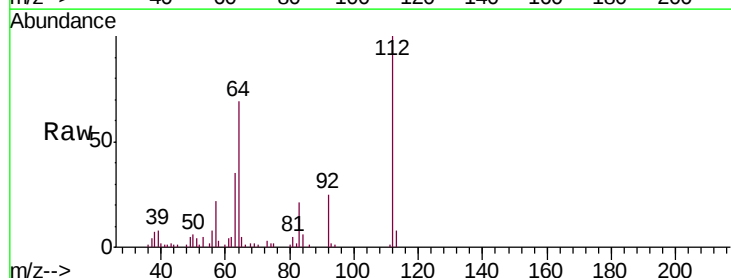
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 31.375 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108589.D
Acq: 29 Aug 2018 6:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	47.9	71.9
63	34.7	23.7	35.5

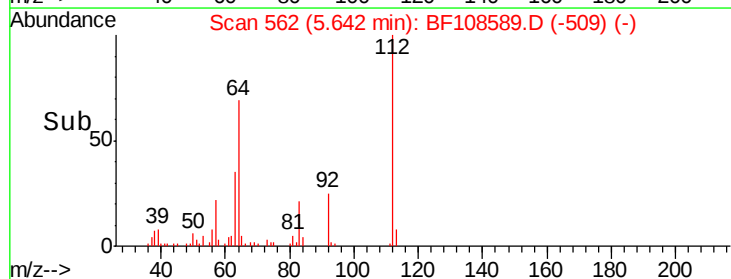
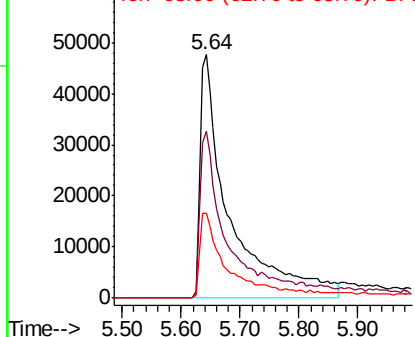


Abundance

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: 21.325 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108589.D

Acq: 29 Aug 2018 6:59

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-S

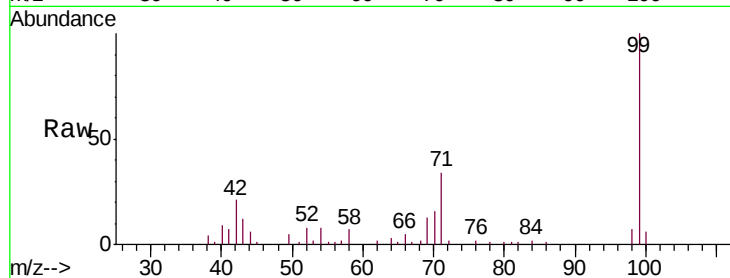
Tgt Ion: 99 Resp: 148092

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

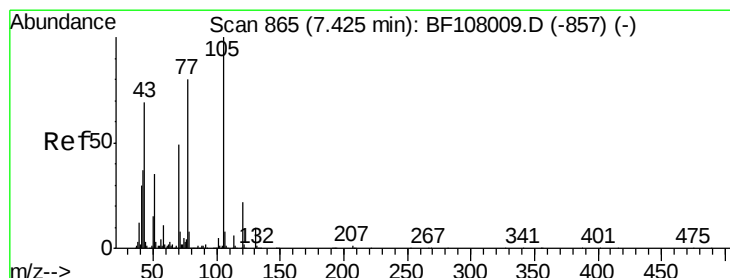
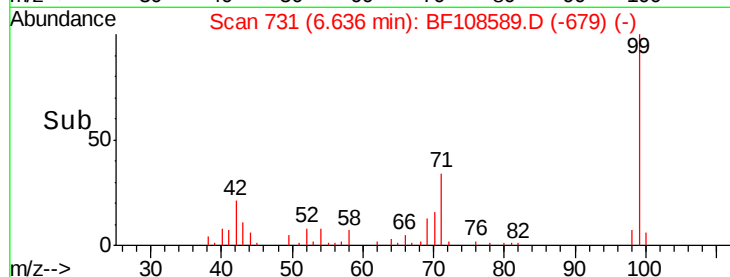
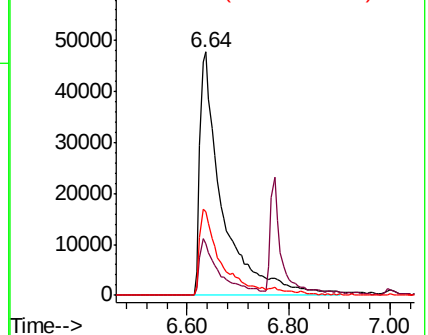
71 34.3 25.4 38.0



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: 17.561 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108589.D

Acq: 29 Aug 2018 6:59

Tgt Ion: 70 Resp: 82470

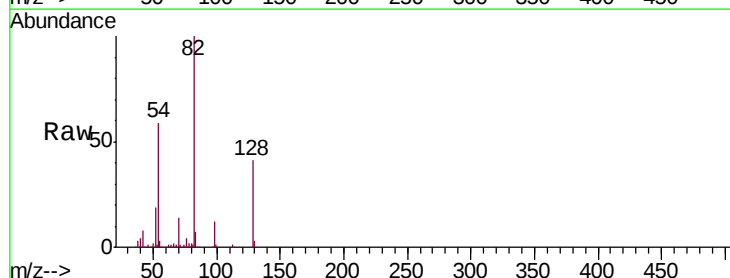
Ion Ratio Lower Upper

70 100

42 54.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

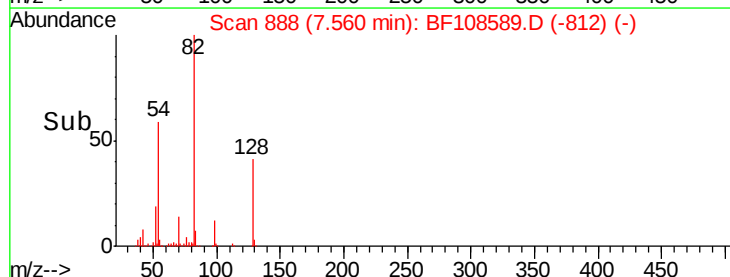
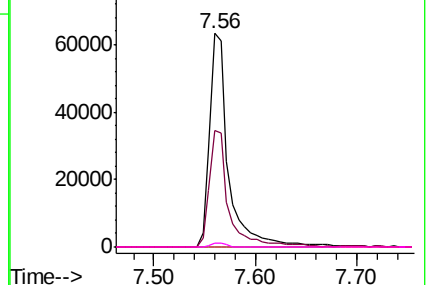


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108589.D

Acq: 29 Aug 2018 6:59

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-S

Tgt Ion: 136 Resp: 340547

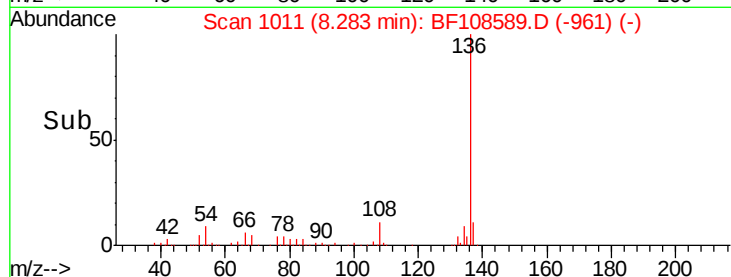
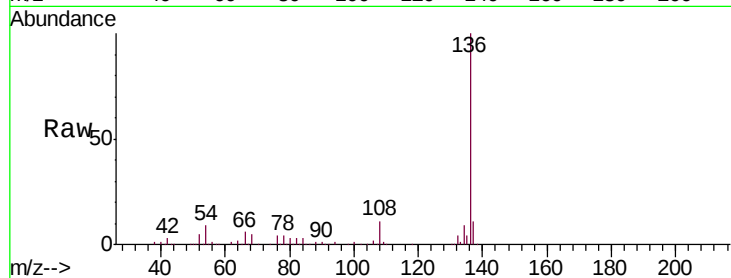
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.3 6.6 9.8

68 5.5 5.0 7.4

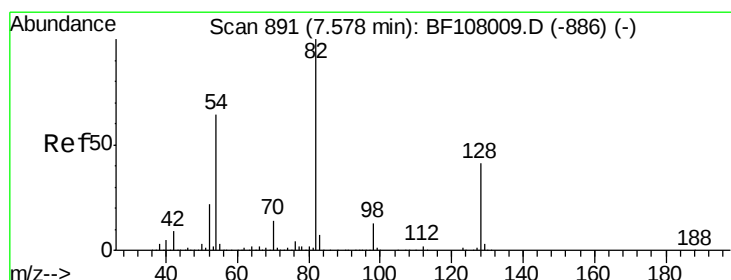
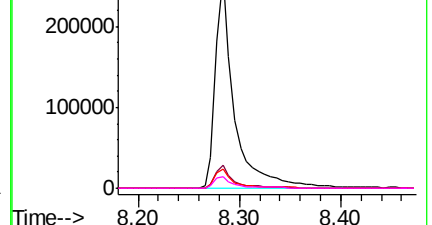


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 102.995 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108589.D

Acq: 29 Aug 2018 6:59

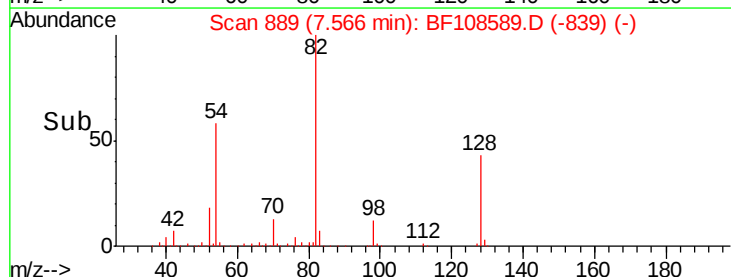
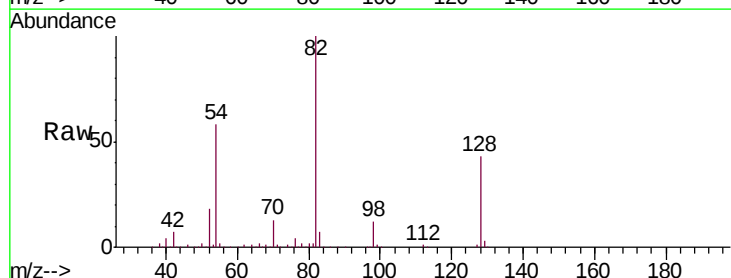
Tgt Ion: 82 Resp: 628561

Ion Ratio Lower Upper

82 100

128 43.2 36.1 54.1

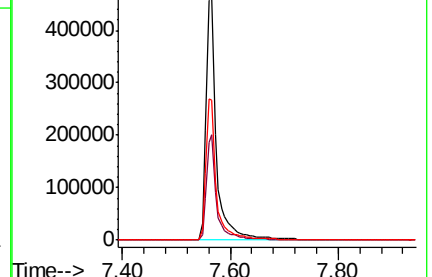
54 57.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 54.036 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108589.D

Acq: 29 Aug 2018 6:59

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-S

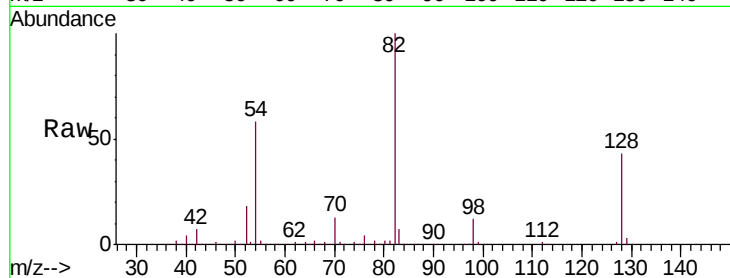
Tgt Ion: 82 Resp: 628558

Ion Ratio Lower Upper

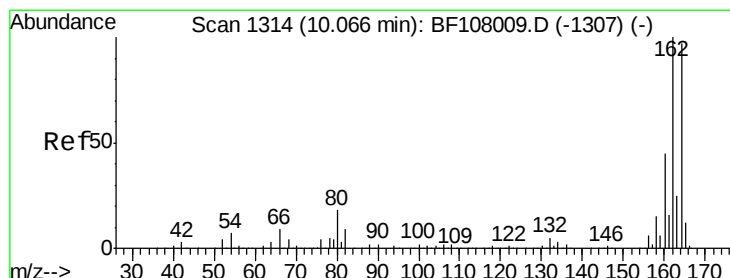
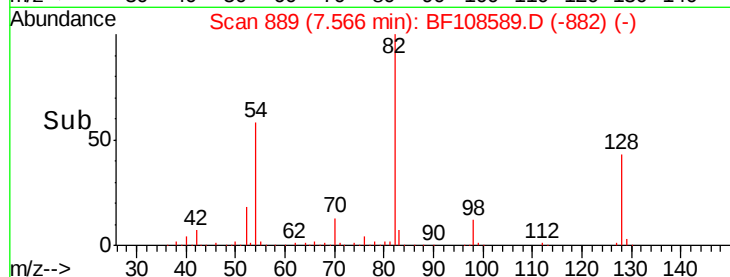
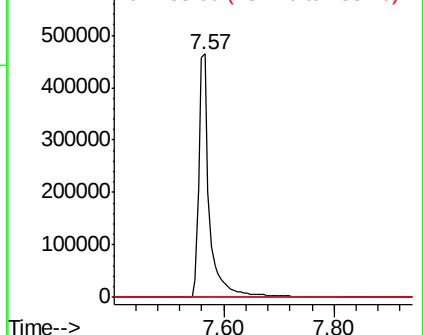
82 100

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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108589.D

Acq: 29 Aug 2018 6:59

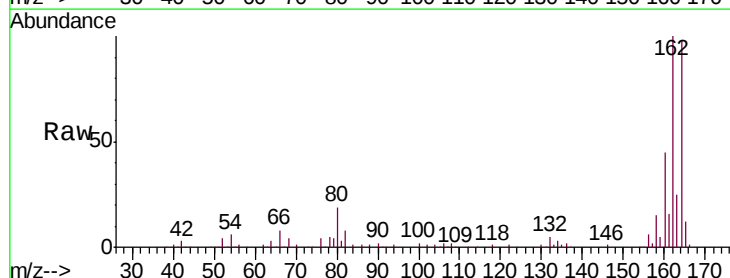
Tgt Ion: 164 Resp: 149963

Ion Ratio Lower Upper

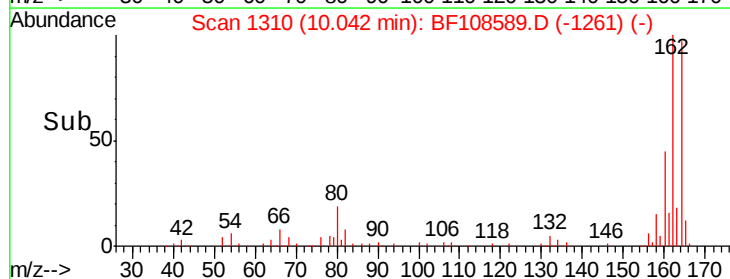
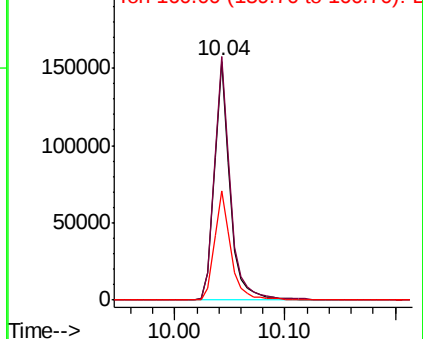
164 100

162 102.0 86.1 129.1

160 45.9 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

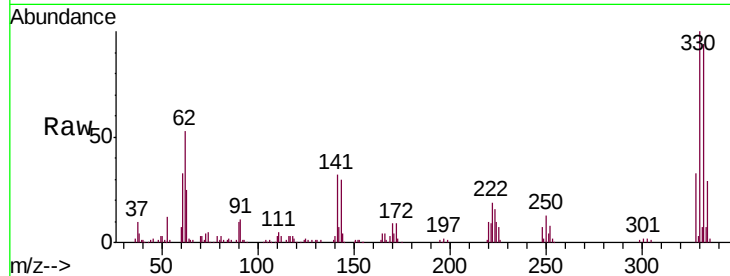




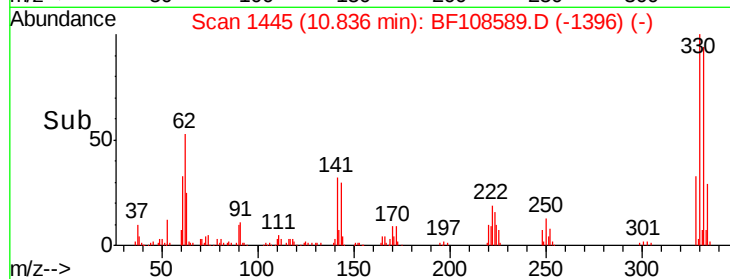
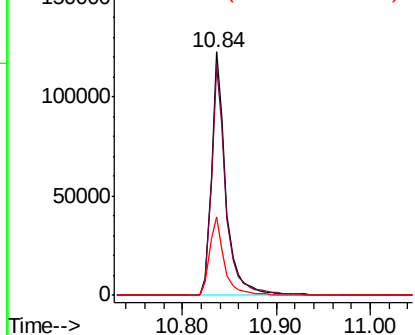
#41
 2,4,6-Tribromophenol
 Concen: 88.844 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108589.D
 Acq: 29 Aug 2018 6:59

Instrument :
 BNA_F
 ClientSampleId :
 082418-DBRI-F-U-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.9	29.9	44.9

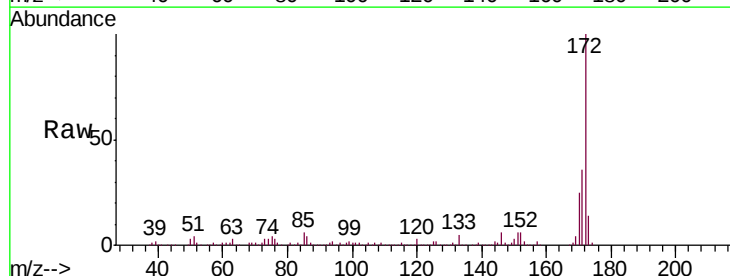


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

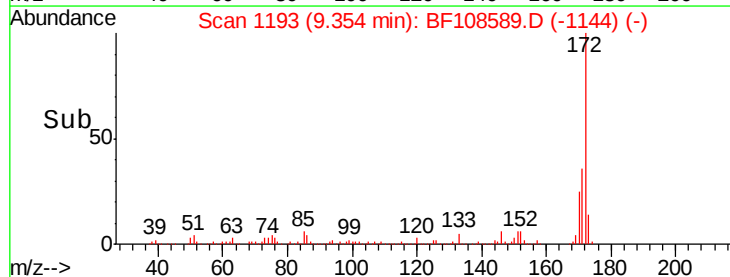
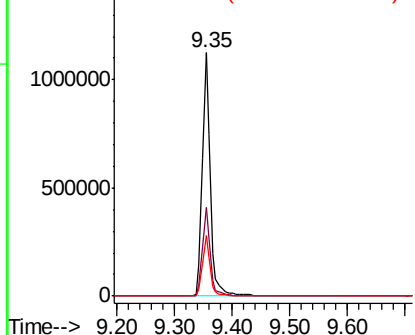


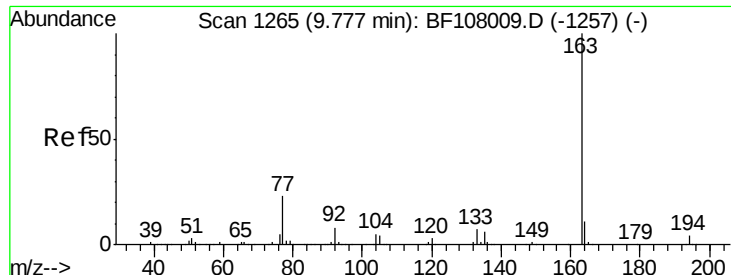
#44
 2-Fluorobiphenyl
 Concen: 118.780 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108589.D
 Acq: 29 Aug 2018 6:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	25.0	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

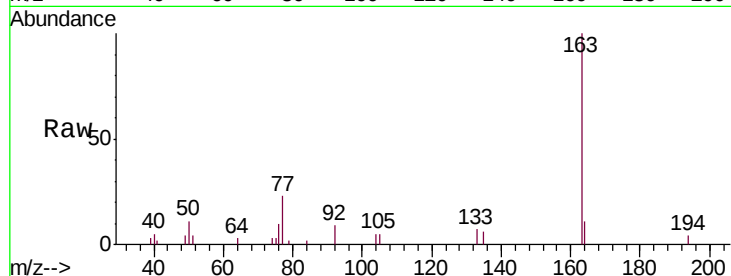




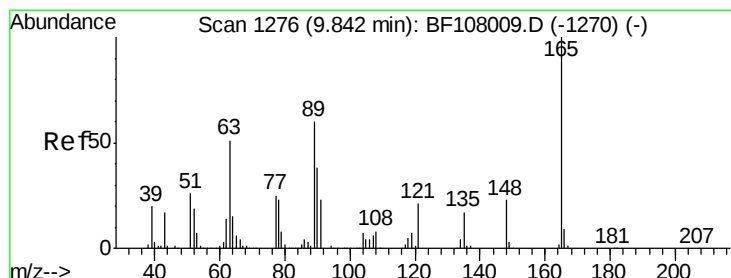
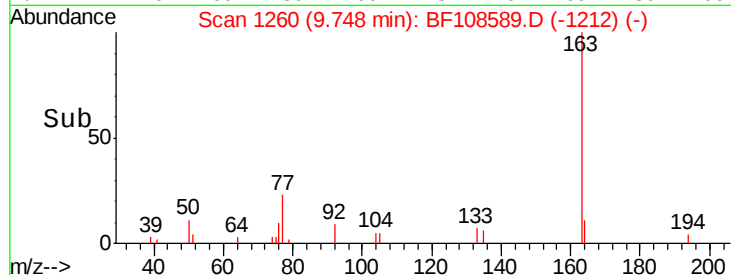
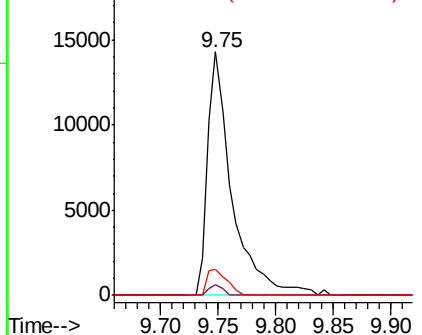
#49
Dimethylphthalate
Concen: 2.028 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108589.D
Acq: 29 Aug 2018 6:59

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-U-S

Tgt Ion:163 Resp: 21182
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 10.5 8.2 12.2

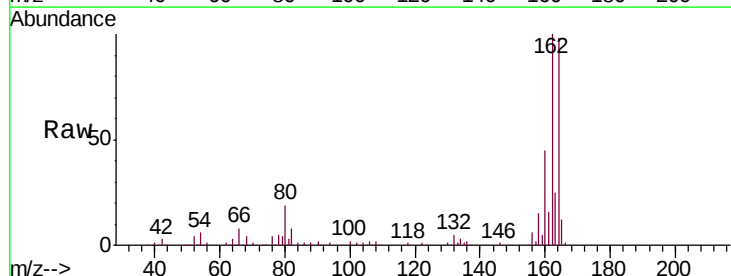


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

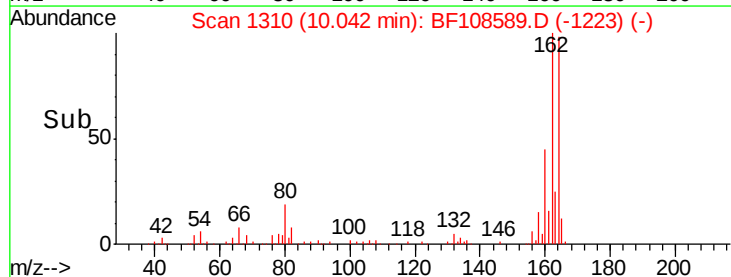
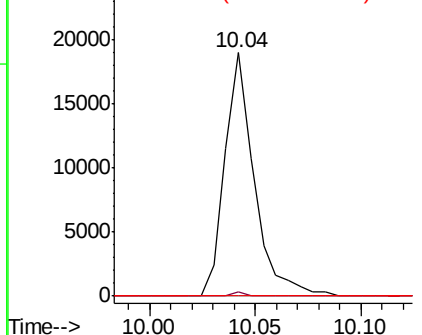


#50
2,6-Dinitrotoluene
Concen: 8.394 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108589.D
Acq: 29 Aug 2018 6:59

Tgt Ion:165 Resp: 18345
Ion Ratio Lower Upper
165 100
63 1.9 44.7 67.1#
89 0.0 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

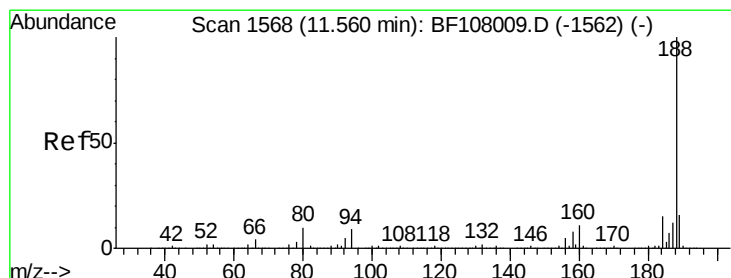
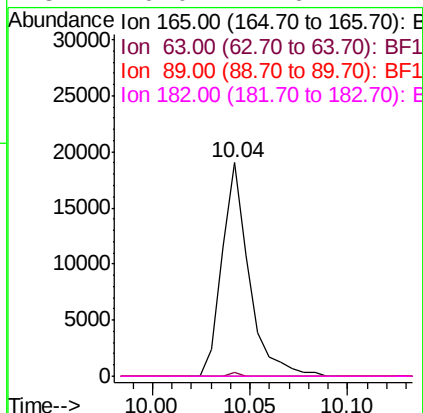
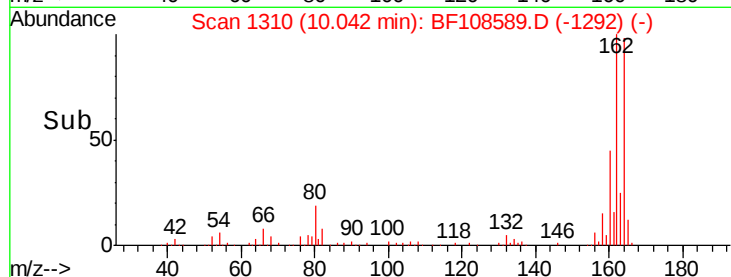
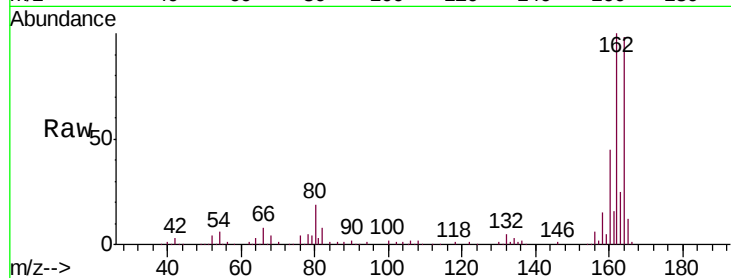




#56
 2,4-Dinitrotoluene
 Concen: 6.520 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108589.D
 Acq: 29 Aug 2018 6:59

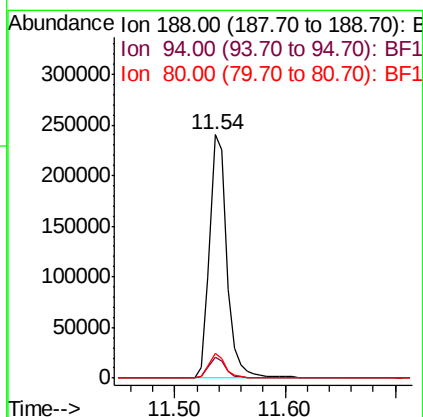
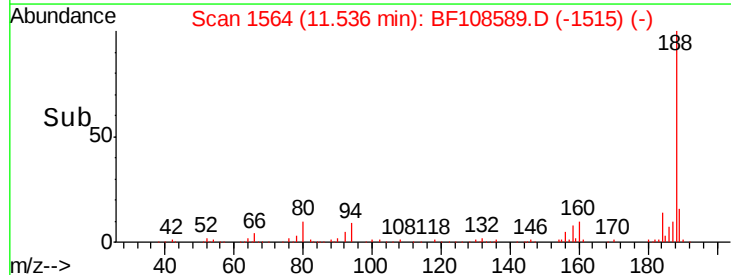
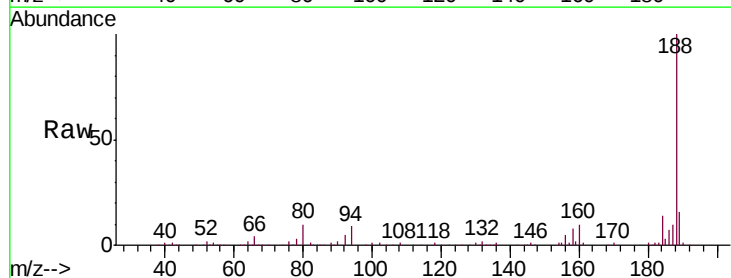
Instrument :
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 082418-DBRI-F-U-S

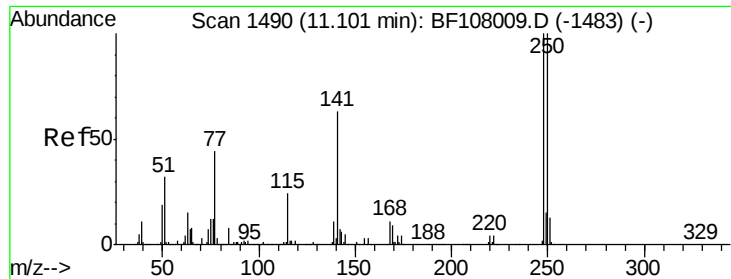
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108589.D
 Acq: 29 Aug 2018 6:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	10.4	9.2	13.8

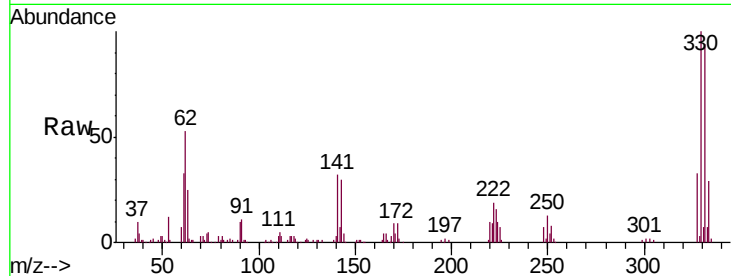




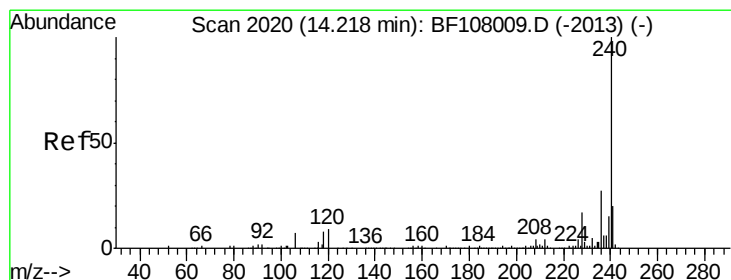
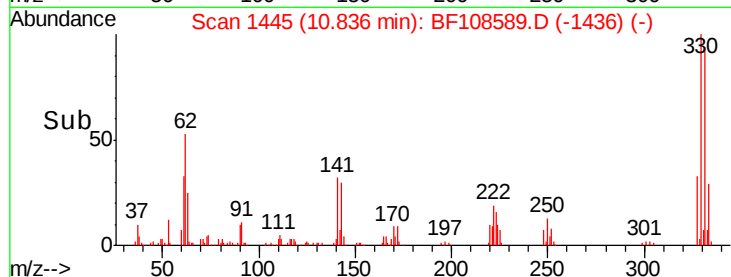
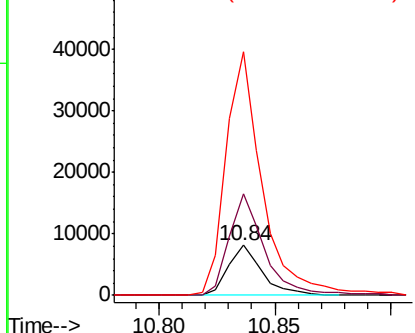
#66
 4-Bromophenyl-phenylether
 Concen: 2.951 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108589.D
 Acq: 29 Aug 2018 6:59

Instrument :
 BNA_F
 ClientSampleId :
 082418-DBRI-F-U-S

Tgt Ion: 248 Resp: 8259
 Ion Ratio Lower Upper
 248 100
 250 202.7 76.9 115.3#
 141 487.1 74.4 111.6#

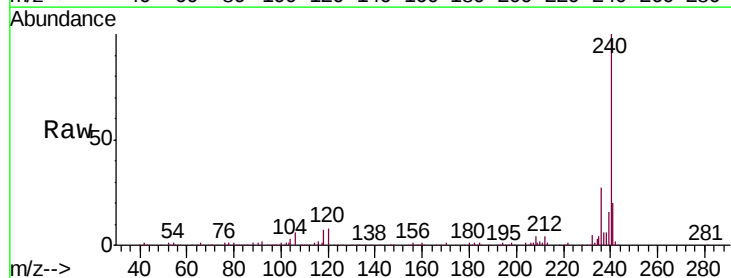


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

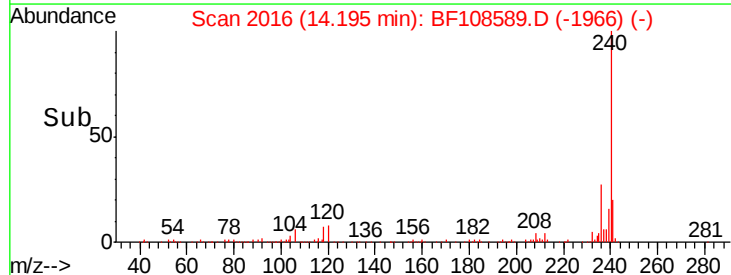
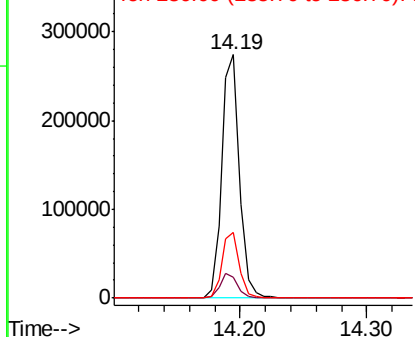


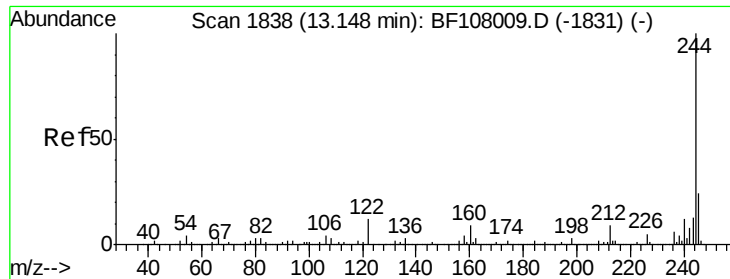
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108589.D
 Acq: 29 Aug 2018 6:59

Tgt Ion: 240 Resp: 266915
 Ion Ratio Lower Upper
 240 100
 120 8.5 9.5 14.3#
 236 26.9 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: 89.724 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108589.D

Acq: 29 Aug 2018 6:59

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-S

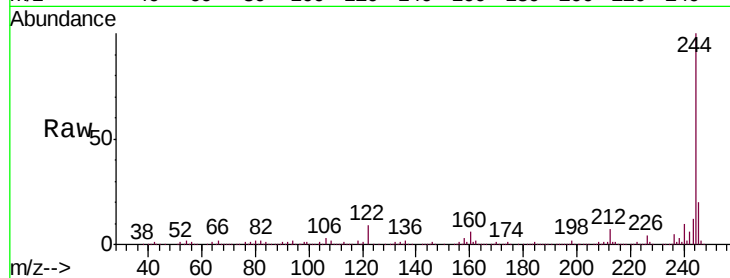
Tgt Ion:244 Resp: 941913

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

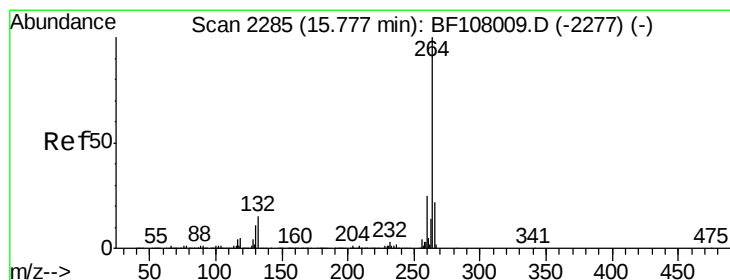
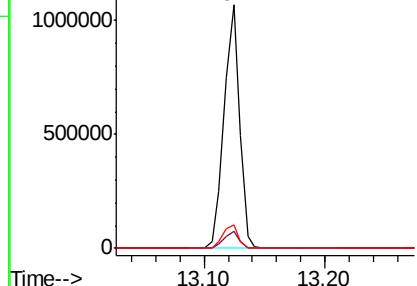
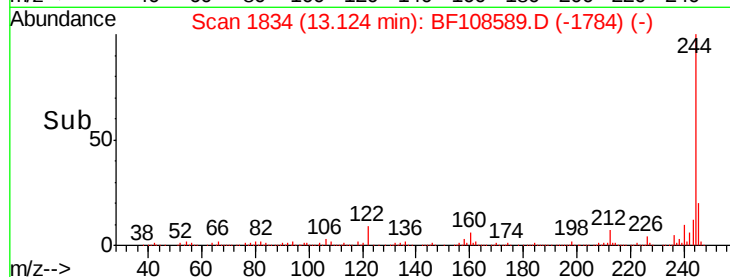
122 9.4 11.0 16.4#



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: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108589.D

Acq: 29 Aug 2018 6:59

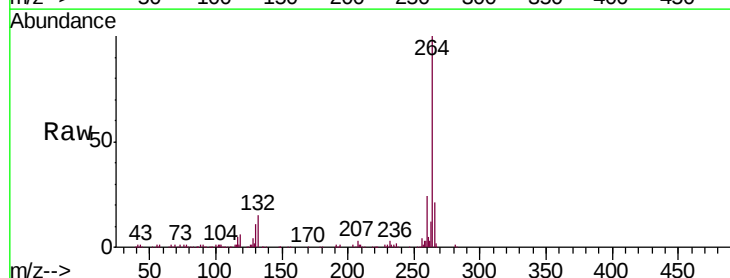
Tgt Ion:264 Resp: 211004

Ion Ratio Lower Upper

264 100

260 23.9 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

