

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108588.D
 Acq On : 29 Aug 2018 6:32
 Operator : JU/SJ
 Sample : J4656-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Aug 29 07:56:33 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

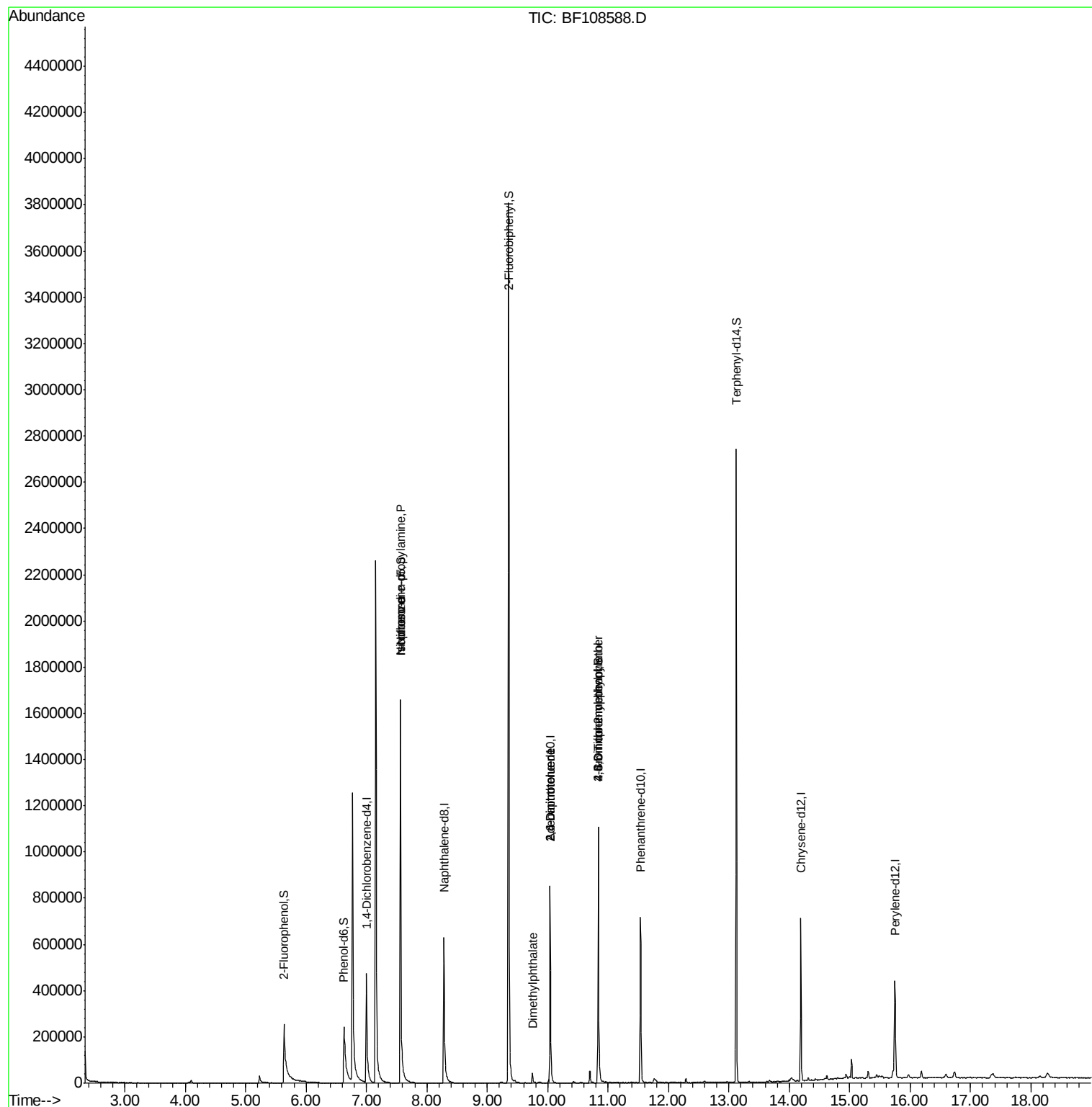
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	106817	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	399997	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	182999	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	294078	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	276263	20.00	ng	0.00
86) Perylene-d12	15.75	264	216322	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	196066	33.23	ng	0.00
7) Phenol-d6	6.62	99	208741	26.62	ng	0.00
23) Nitrobenzene-d5	7.57	82	692850	96.66	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	152821	83.72	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1258098	110.37	ng	-0.01
78) Terphenyl-d14	13.12	244	958969	88.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	89535	16.887	ng	# 82
25) Isophorone	7.57	82	693757	50.777	ng	# 64
49) Dimethylphthalate	9.75	163	28077	2.203	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	22512	8.441	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	22512	6.558	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.84	198	110	5.447	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	9745	3.049	ng	# 1

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

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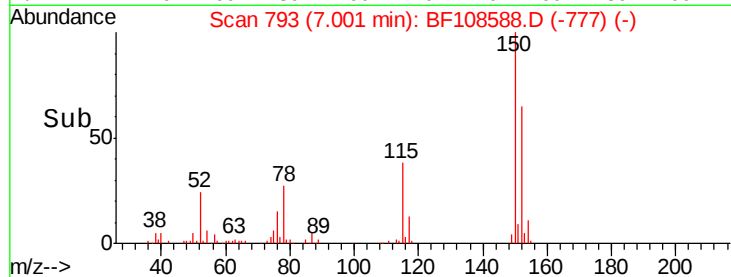
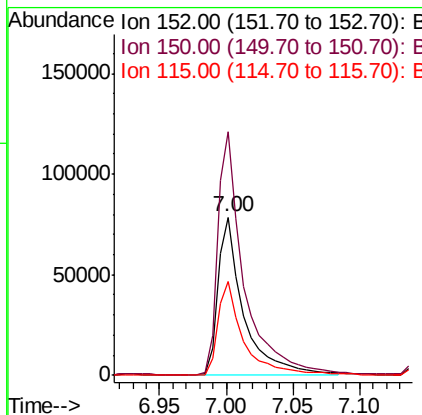
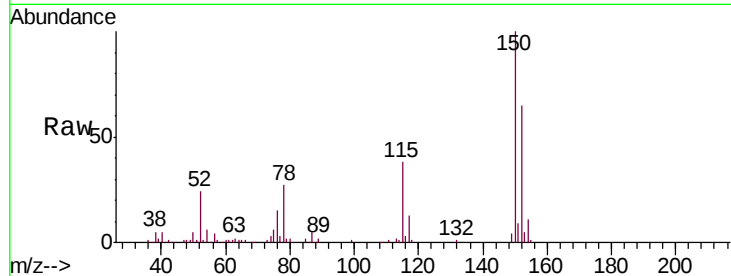


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108588.D
Acq: 29 Aug 2018 6:32

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

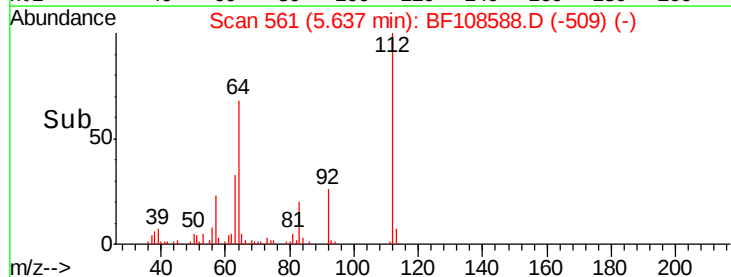
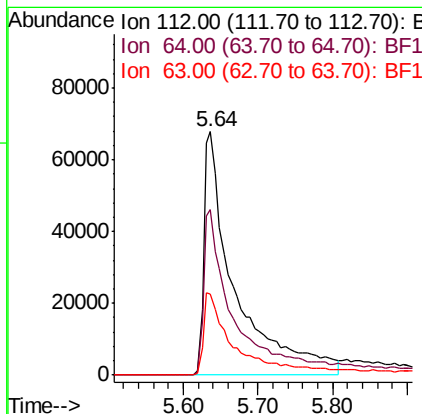
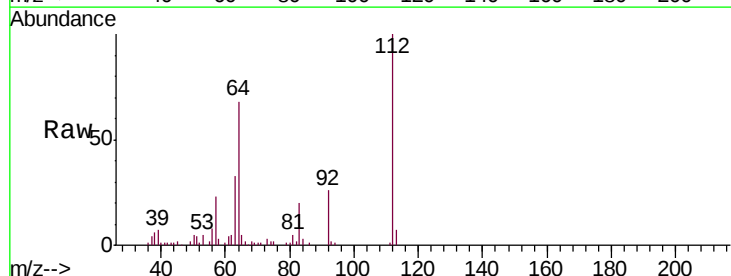
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	59.2	50.1	75.1



#5

2-Fluorophenol
Concen: 33.231 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108588.D
Acq: 29 Aug 2018 6:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	47.9	71.9
63	33.2	23.7	35.5





#7

Phenol-d6

Concen: 26.624 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108588.D

Acq: 29 Aug 2018 6:32

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-M

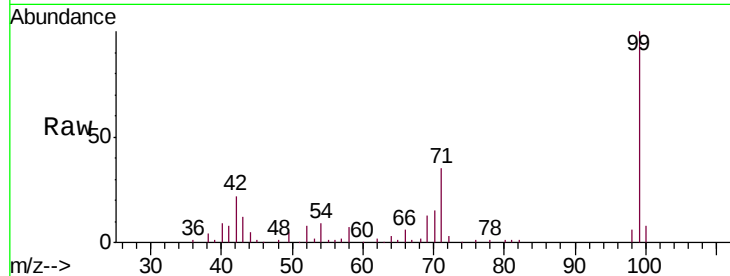
Tgt Ion: 99 Resp: 208741

Ion Ratio Lower Upper

99 100

42 22.2 14.5 21.7#

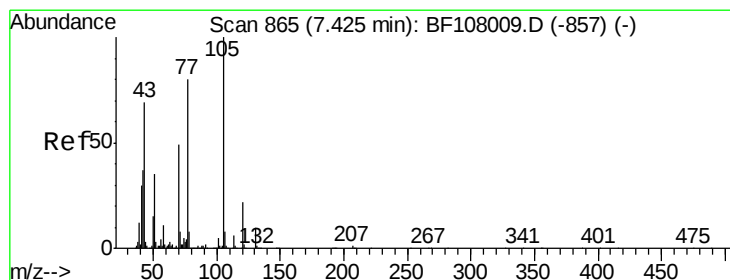
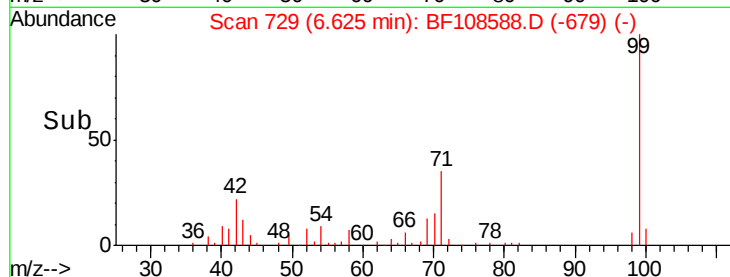
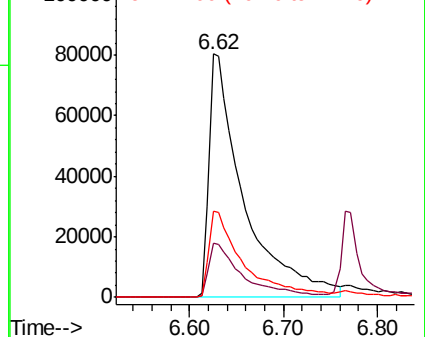
71 35.4 25.4 38.0



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: 16.887 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108588.D

Acq: 29 Aug 2018 6:32

Tgt Ion: 70 Resp: 89535

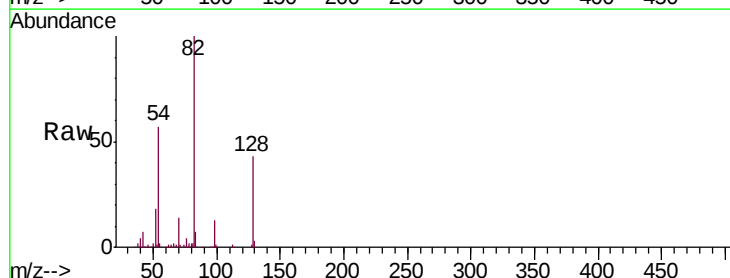
Ion Ratio Lower Upper

70 100

42 53.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

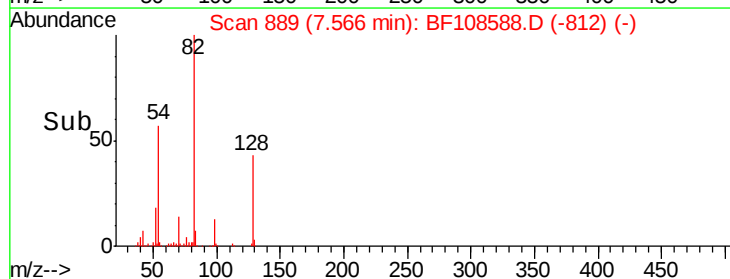
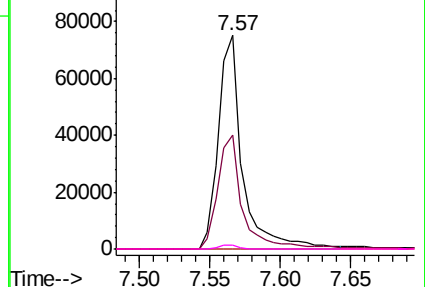


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

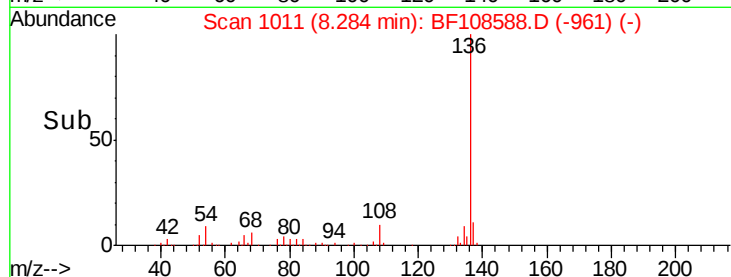
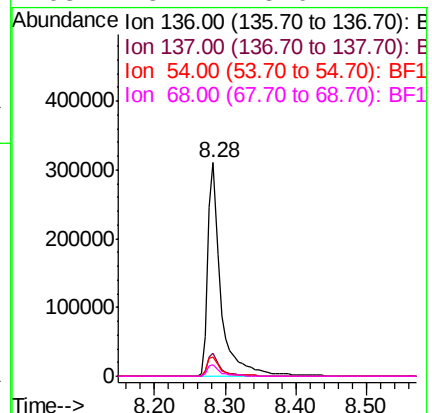
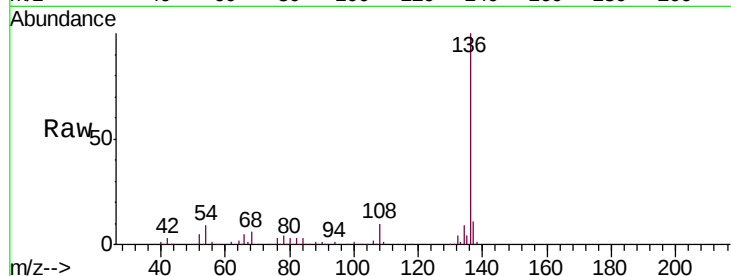




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108588.D
Acq: 29 Aug 2018 6:32

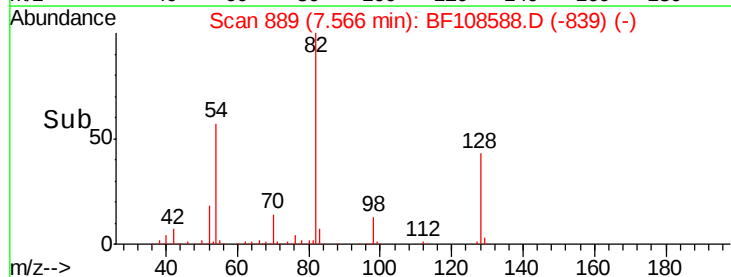
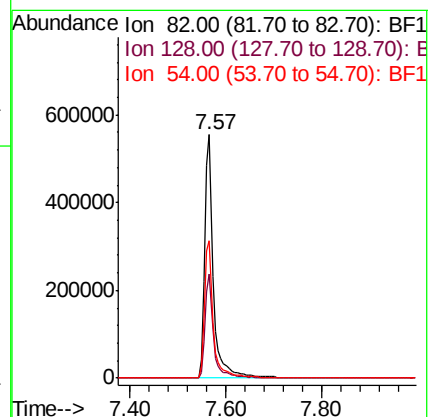
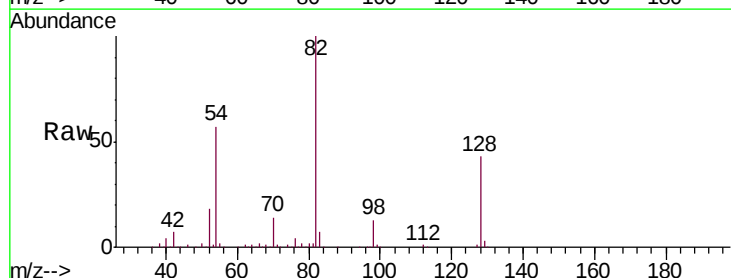
Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-U-M

Tgt Ion:	136	Resp:	399997
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 96.656 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108588.D
Acq: 29 Aug 2018 6:32

Tgt Ion:	82	Resp:	692850
Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	56.6	41.4	62.2





#25

Isophorone

Concen: 50.777 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108588.D

Acq: 29 Aug 2018 6:32

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-M

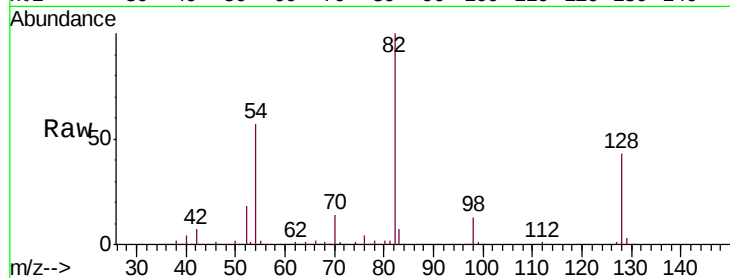
Tgt Ion: 82 Resp: 693757

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

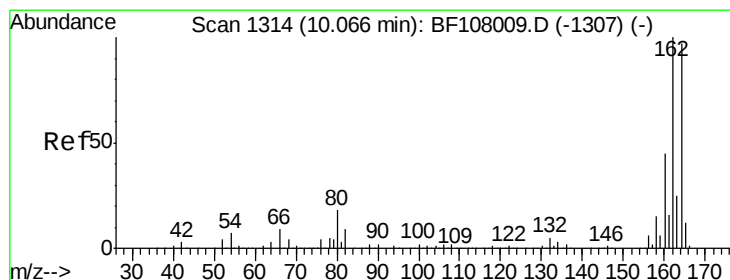
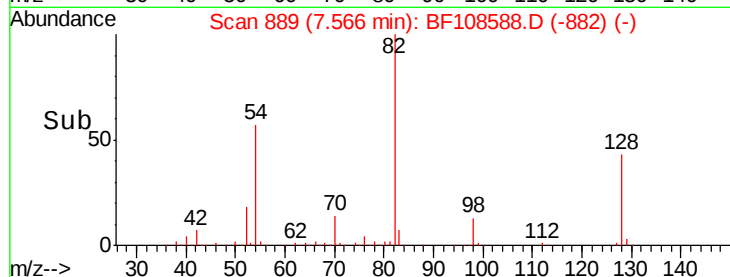
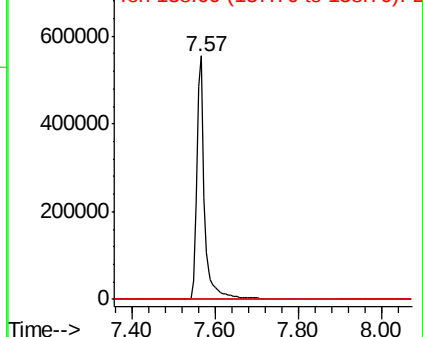
138 0.0 14.9 22.3#



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: BF108588.D

Acq: 29 Aug 2018 6:32

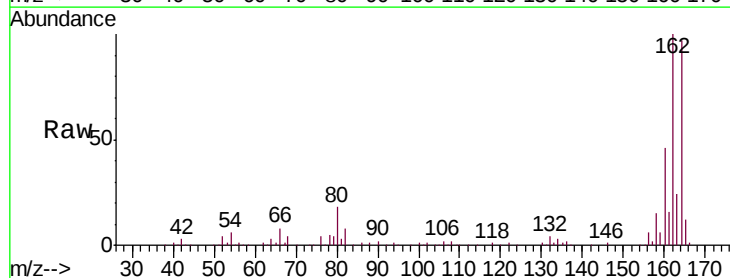
Tgt Ion: 164 Resp: 182999

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

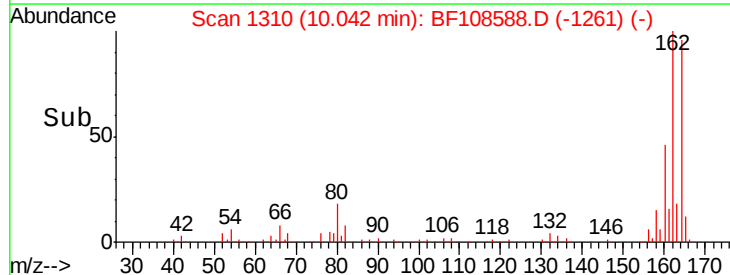
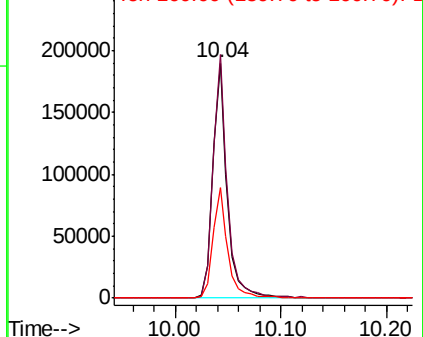
160 47.1 38.3 57.5



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

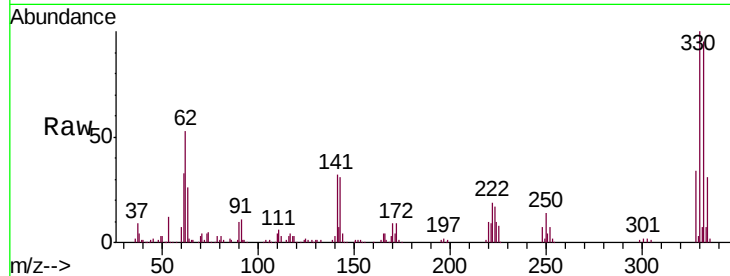




#41
 2,4,6-Tribromophenol
 Concen: 83.721 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108588.D
 Acq: 29 Aug 2018 6:32

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.2	29.9	44.9

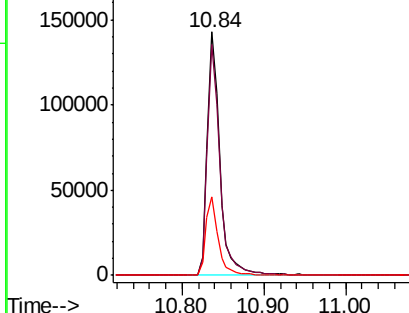
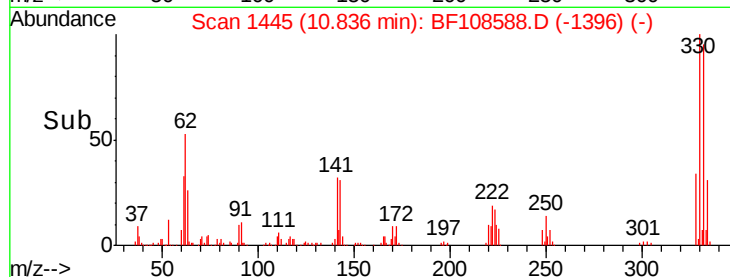


Abundance

Ion 329.80 (329.50 to 330.50): E

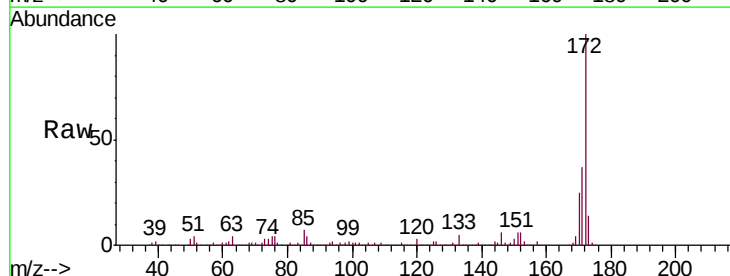
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 110.374 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108588.D
 Acq: 29 Aug 2018 6:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.0	19.6	29.4

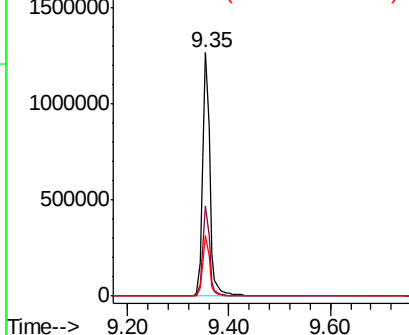
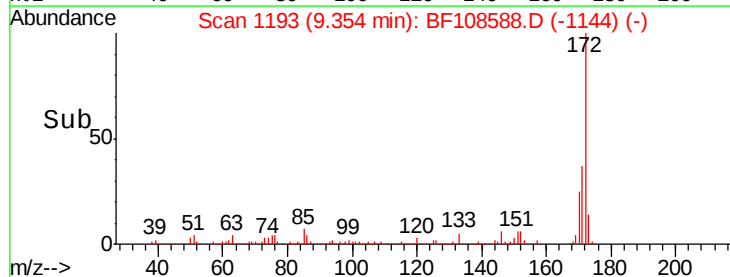


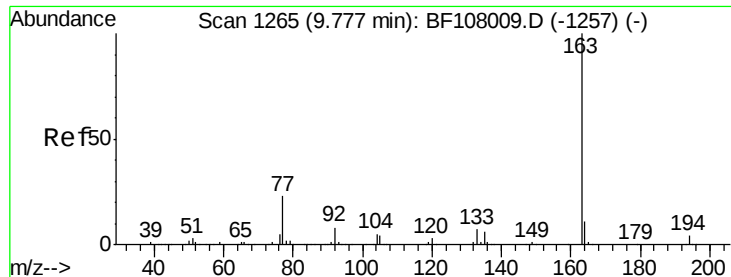
Abundance

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

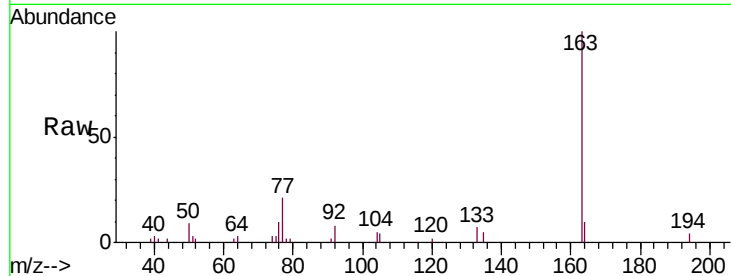




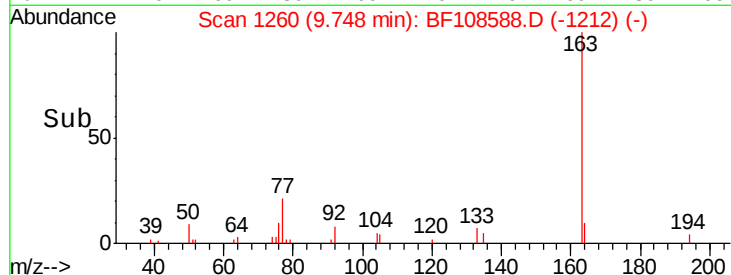
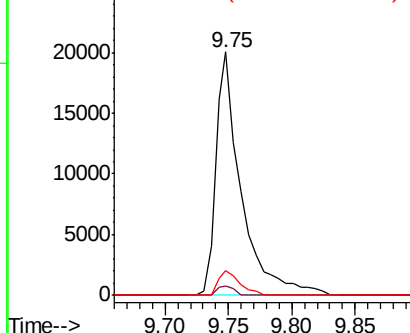
#49
Dimethylphthalate
Concen: 2.203 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108588.D
Acq: 29 Aug 2018 6:32

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

Tgt Ion:163 Resp: 28077
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 8.2 12.2

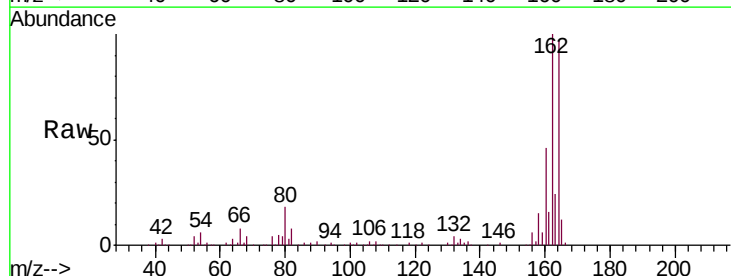


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

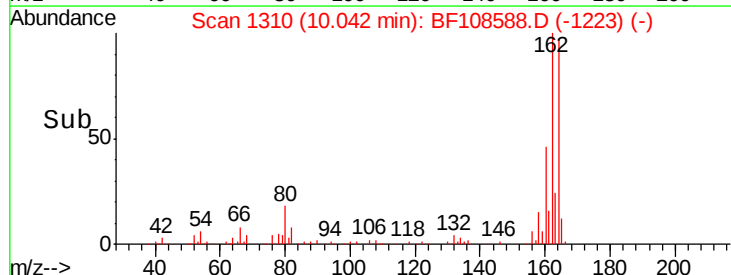
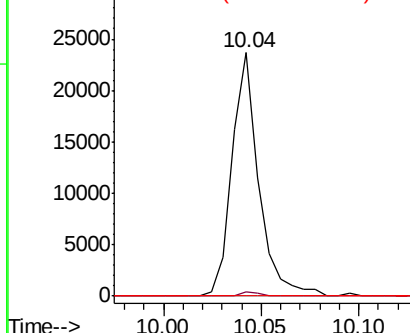


#50
2,6-Dinitrotoluene
Concen: 8.441 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108588.D
Acq: 29 Aug 2018 6:32

Tgt Ion:165 Resp: 22512
Ion Ratio Lower Upper
165 100
63 1.6 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

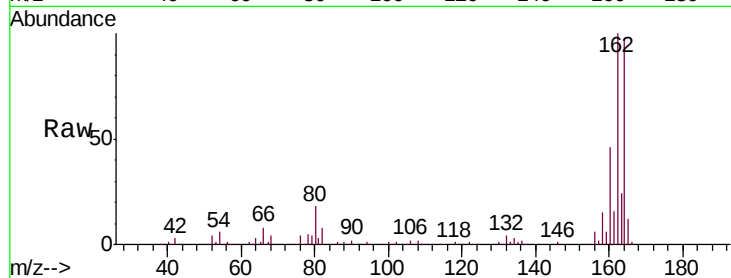




#56
 2,4-Dinitrotoluene
 Concen: 6.558 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108588.D
 Acq: 29 Aug 2018 6:32

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

Tgt Ion:	165	Resp:	22512
Ion Ratio	Lower	Upper	
165	100		
63	1.6	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

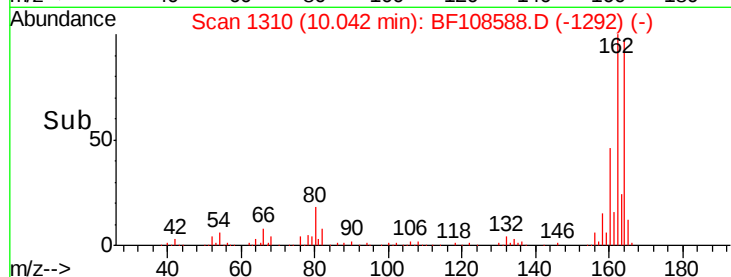
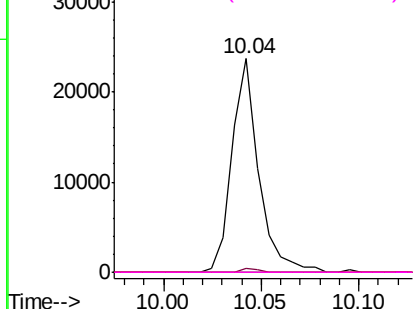


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

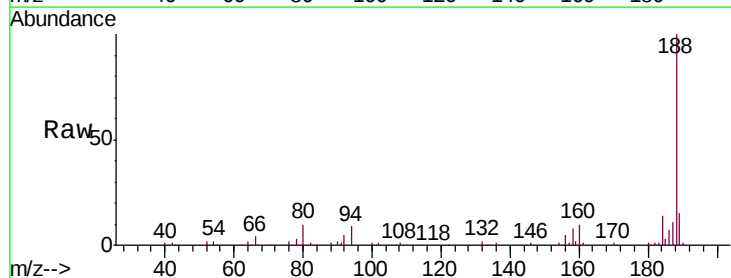
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108588.D
 Acq: 29 Aug 2018 6:32

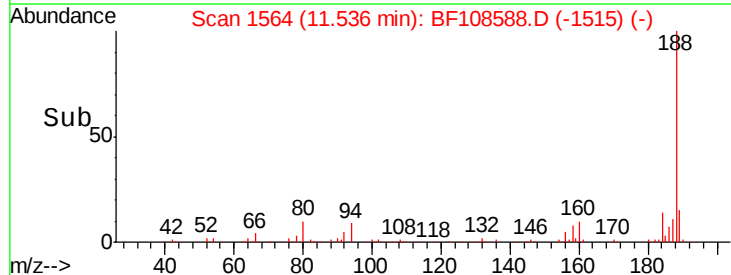
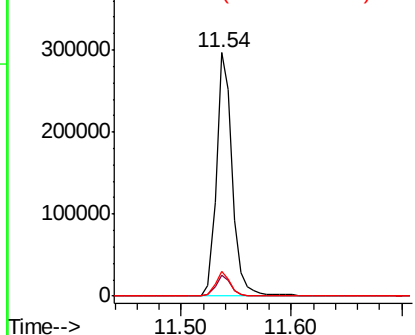
Tgt Ion:	188	Resp:	294078
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.5	12.7
80	10.0	9.2	13.8



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: 5.447 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108588.D

Acq: 29 Aug 2018 6:32

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-M

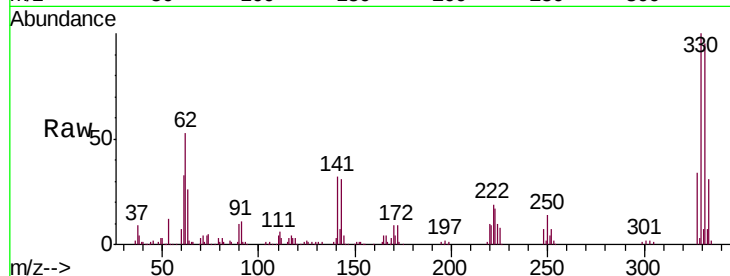
Tgt Ion:198 Resp: 110

Ion Ratio Lower Upper

198 100

51 223.0 37.7 77.7#

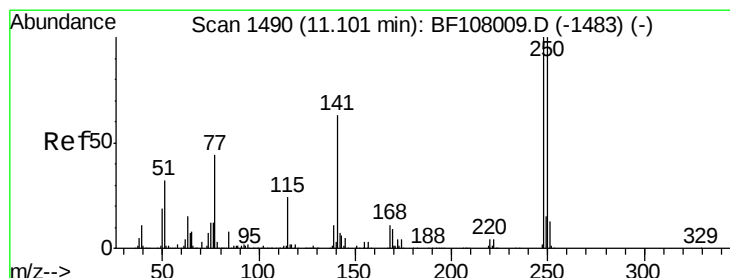
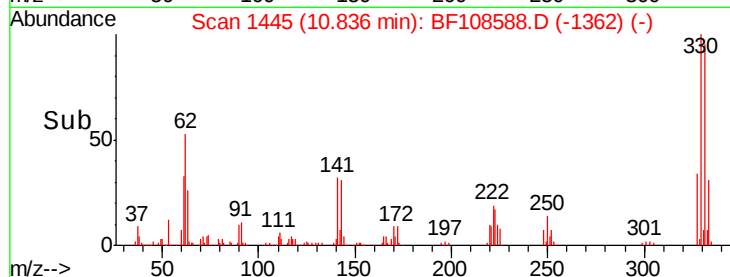
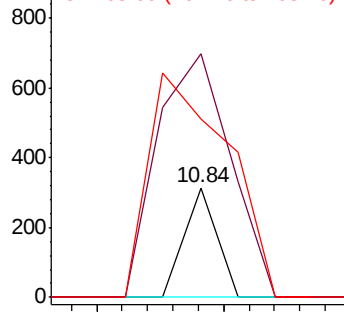
105 162.9 36.3 76.3#



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: 3.049 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.25 min

Lab File: BF108588.D

Acq: 29 Aug 2018 6:32

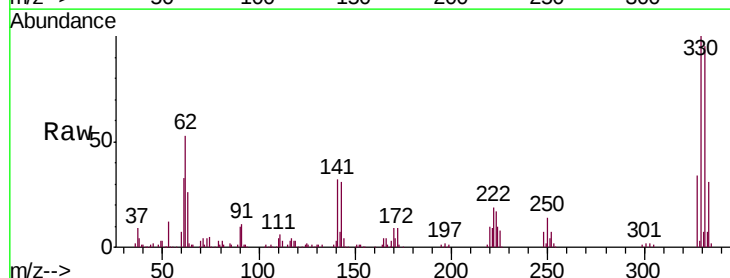
Tgt Ion:248 Resp: 9745

Ion Ratio Lower Upper

248 100

250 206.6 76.9 115.3#

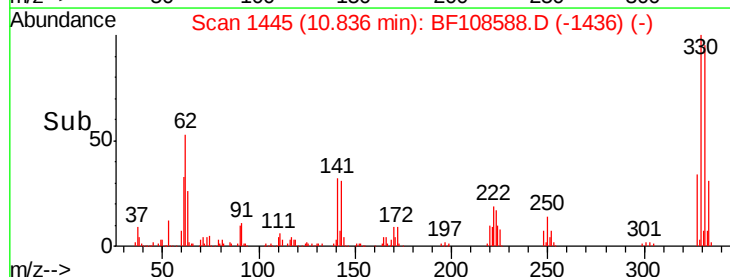
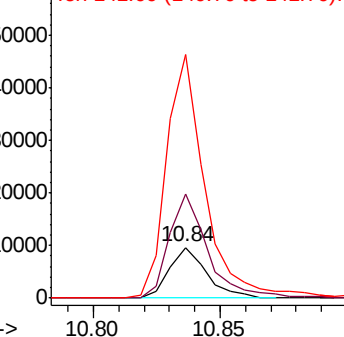
141 481.0 74.4 111.6#

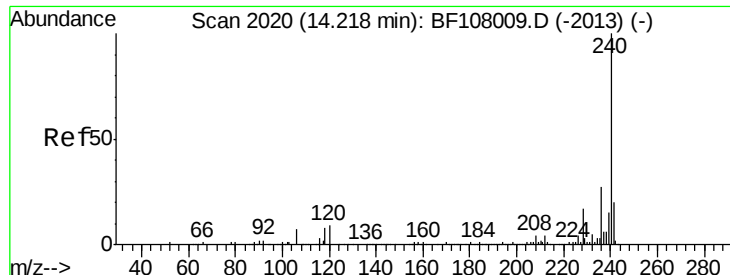


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF108588.D

Acq: 29 Aug 2018 6:32

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-U-M

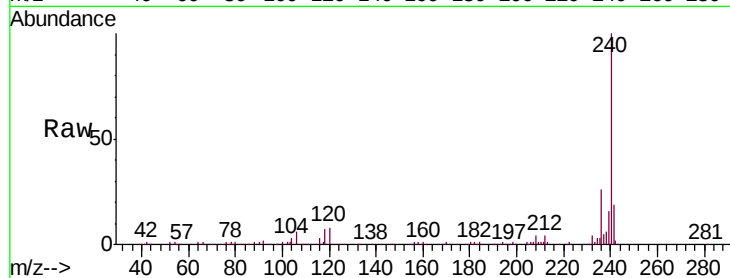
Tgt Ion:240 Resp: 276263

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

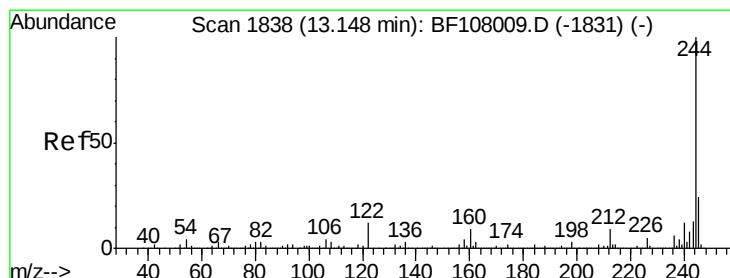
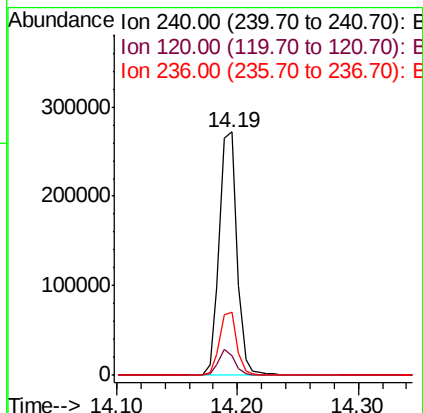
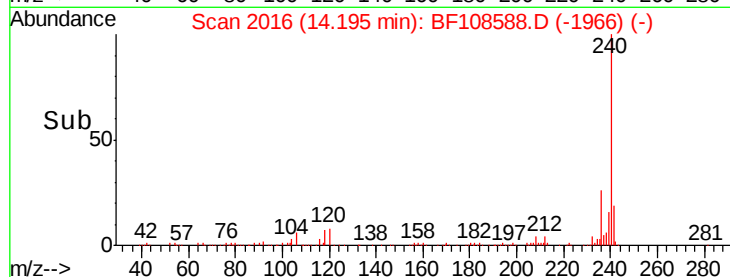
236 25.9 20.7 31.1



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: 88.258 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108588.D

Acq: 29 Aug 2018 6:32

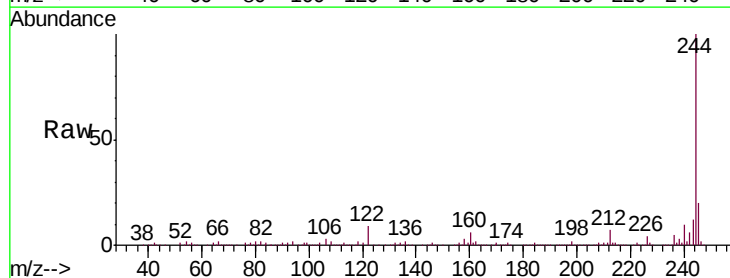
Tgt Ion:244 Resp: 958969

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

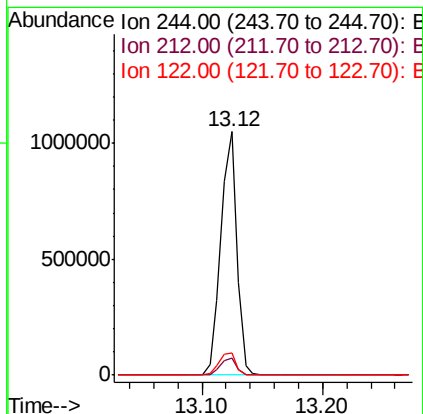
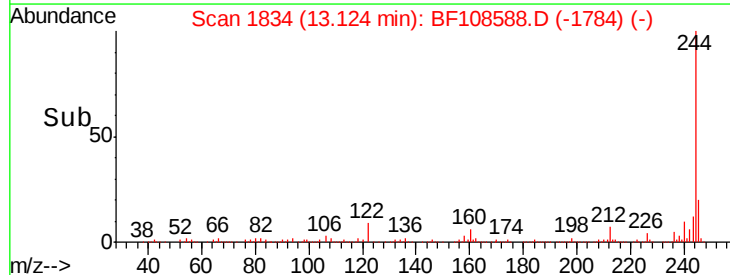
122 9.1 11.0 16.4#

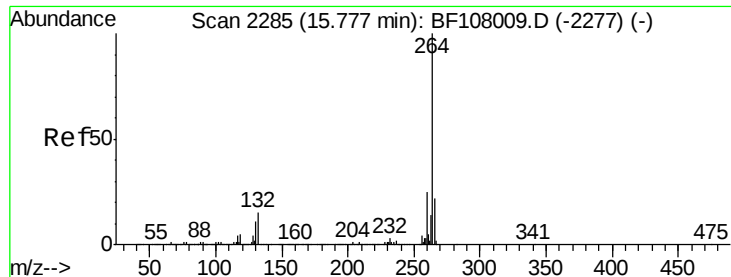


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108588.D
Acq: 29 Aug 2018 6:32

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

Tgt Ion: 264 Resp: 216322
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.5 17.5 26.3

