

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106851.D
 Acq On : 27 Jun 2018 4:40
 Operator : JU/SJ
 Sample : J3639-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 062018-DBRI-E-U-B

Quant Time: Jun 27 06:38:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	42206	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	141788	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	61345	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	120024	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	125518	20.00	ng	-0.02
86) Perylene-d12	15.68	264	82109	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	99743	40.02	ng	0.00
7) Phenol-d6	6.60	99	83810	26.93	ng	-0.02
23) Nitrobenzene-d5	7.52	82	217911	85.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	53010	74.56	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	403194	116.76	ng	-0.01
78) Terphenyl-d14	13.08	244	469757	90.66	ng	0.00

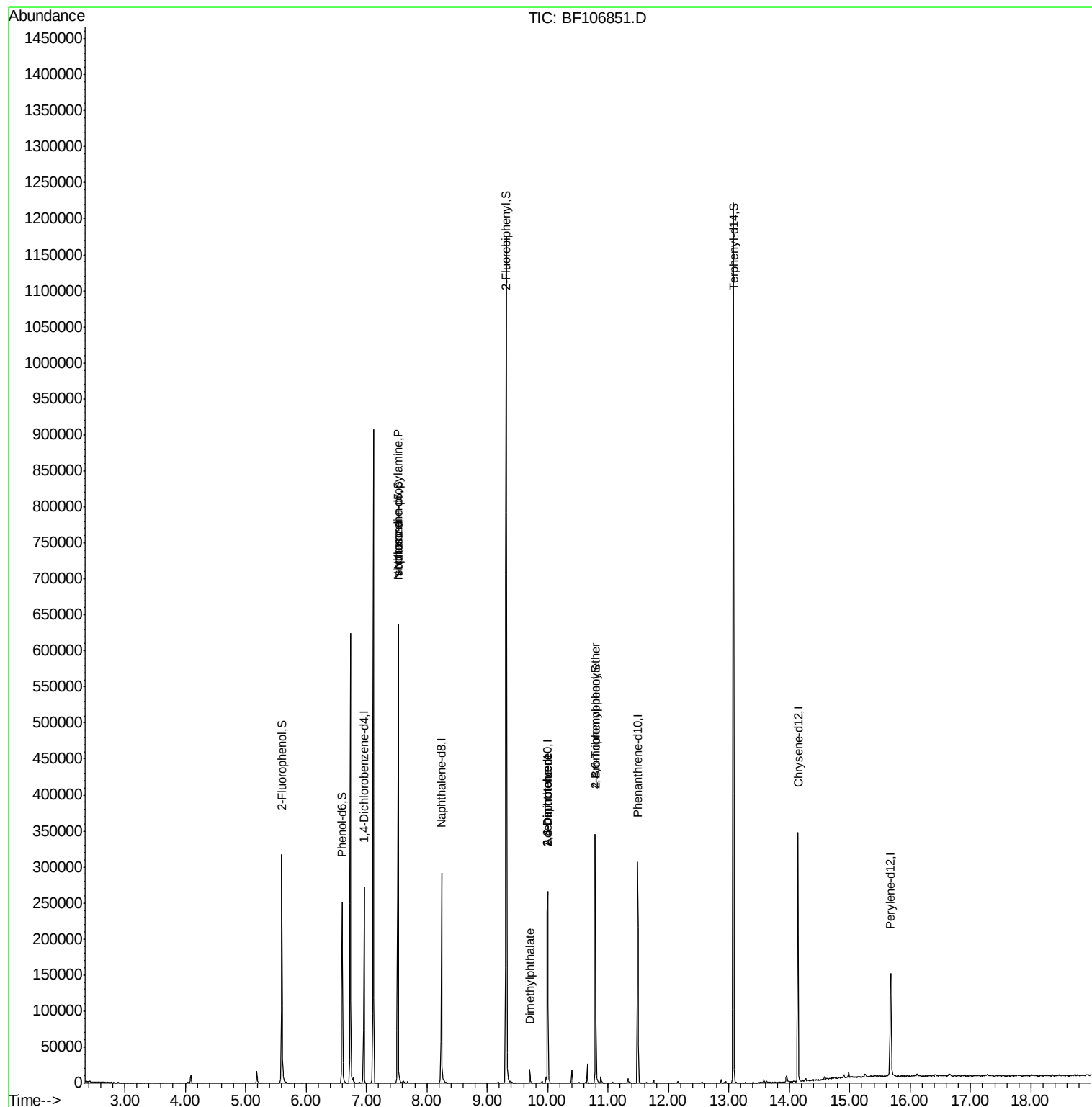
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	28577	13.928	ng	# 71
25) Isophorone	7.52	82	217909	48.469	ng	# 64
49) Dimethylphthalate	9.71	163	10769	2.341	ng	# 94
50) 2,6-Dinitrotoluene	10.00	165	7486	7.684	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	7486	5.887	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3068	2.142	ng	# 1

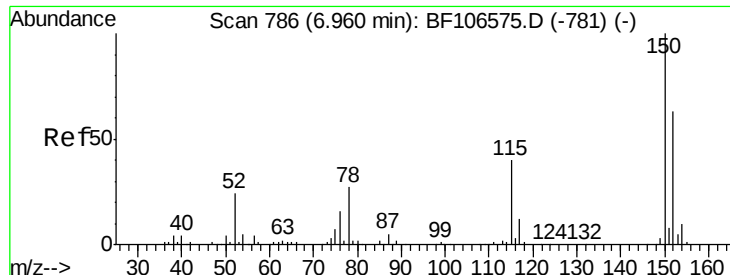
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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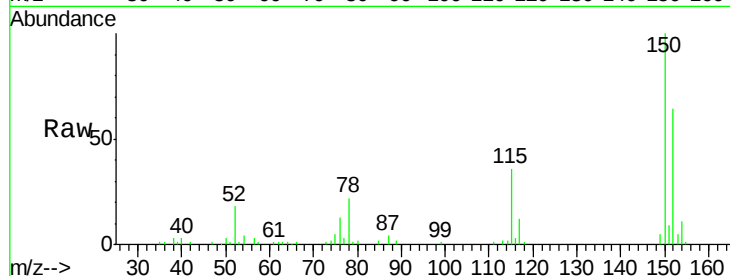




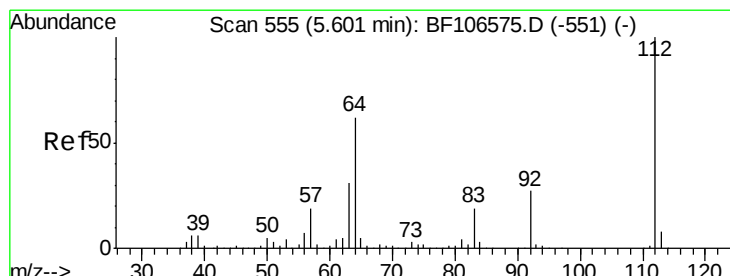
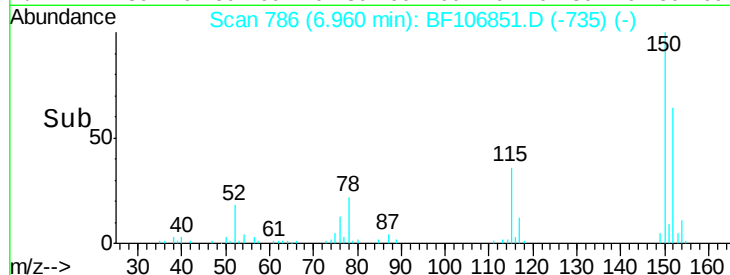
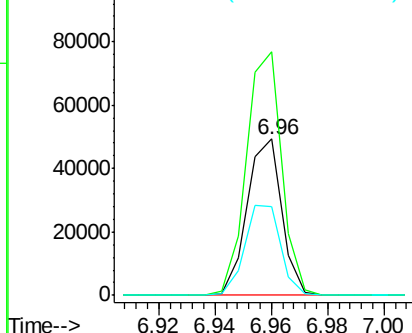
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106851.D
 Acq: 27 Jun 2018 4:40

Instrument :
 BNA_F
 ClientSampleId :
 062018-DBRI-E-U-B

Tgt Ion:152 Resp: 42206
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 56.6 50.1 75.1

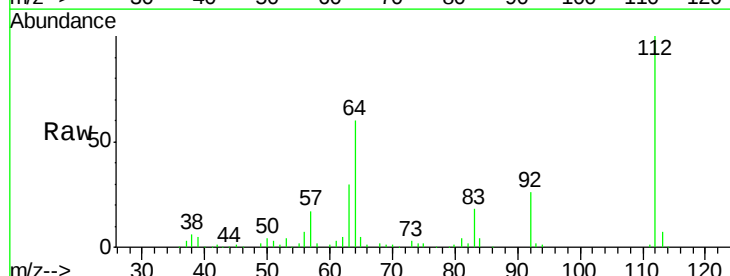


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

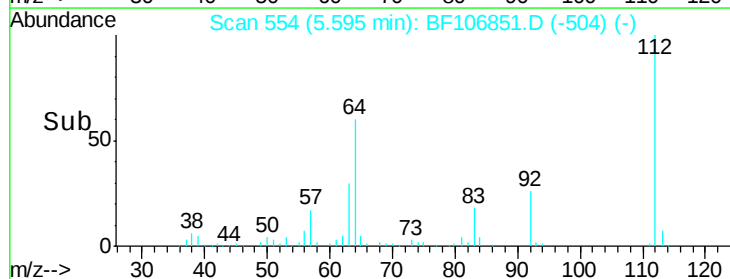
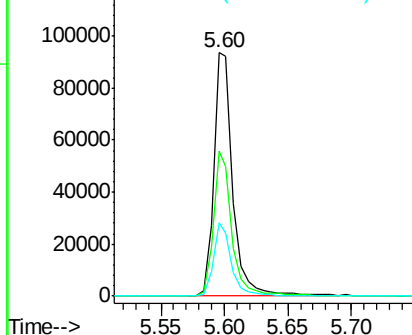


#5
 2-Fluorophenol
 Concen: 40.017 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106851.D
 Acq: 27 Jun 2018 4:40

Tgt Ion:112 Resp: 99743
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.9 71.9
 63 30.0 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: 26.926 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106851.D

Acq: 27 Jun 2018 4:40

Instrument :

BNA_F

ClientSampleId :

062018-DBRI-E-U-B

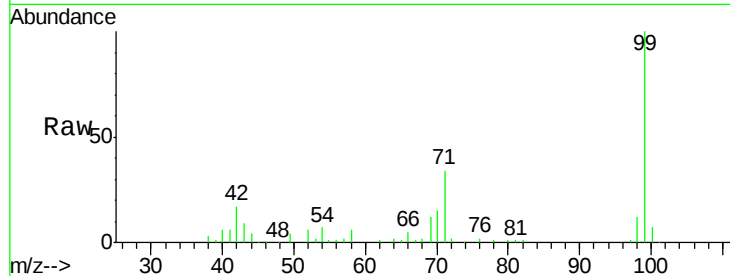
Tgt Ion: 99 Resp: 83810

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

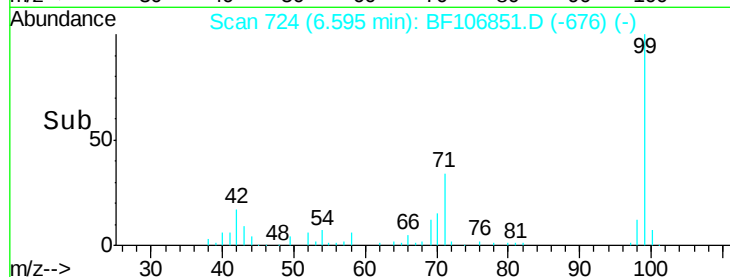
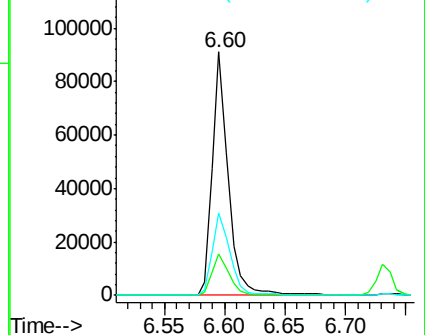
71 33.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.928 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106851.D

Acq: 27 Jun 2018 4:40

Tgt Ion: 70 Resp: 28577

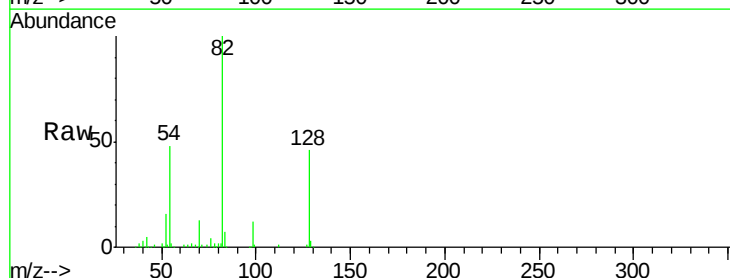
Ion Ratio Lower Upper

70 100

42 40.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

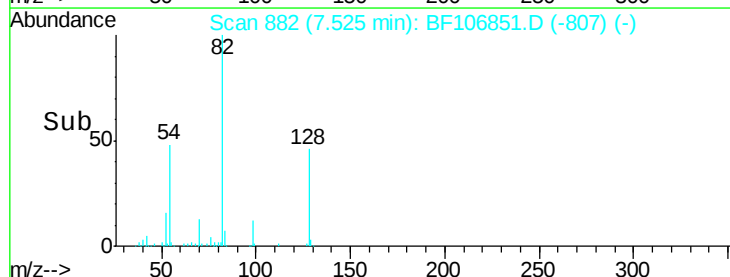
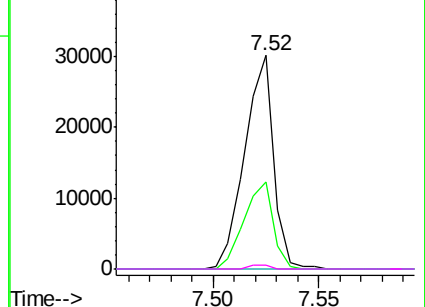


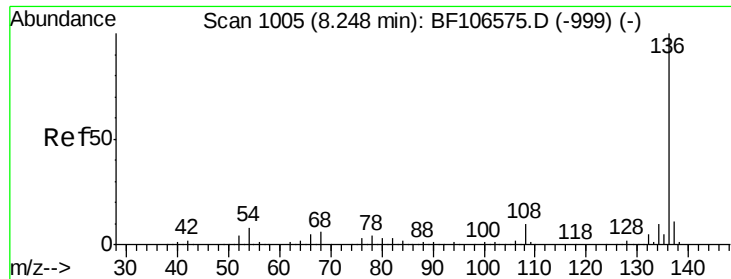
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

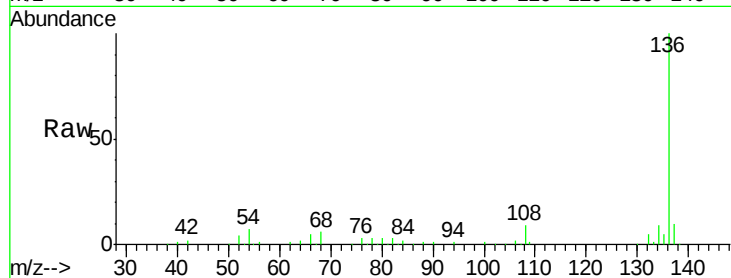




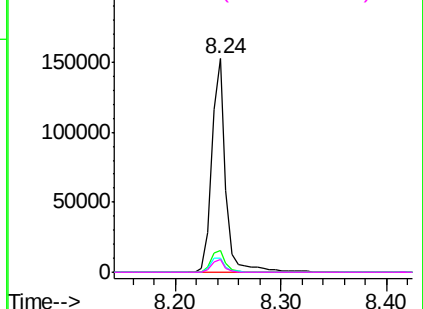
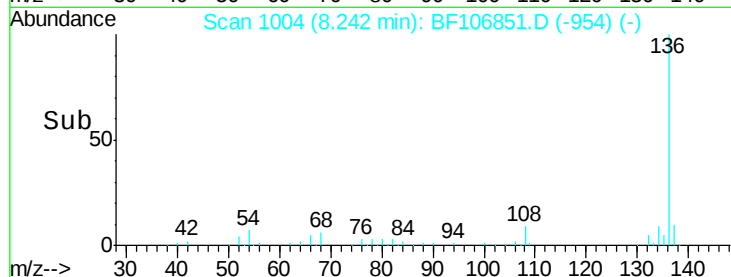
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106851.D
Acq: 27 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :
062018-DBRI-E-U-B

Tgt Ion:	136	Resp:	141788
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.9	6.6	9.8
68	5.9	5.0	7.4

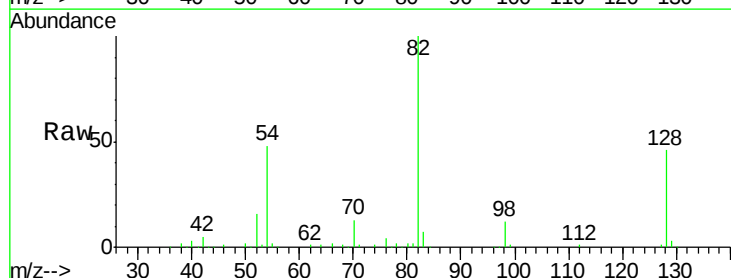


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

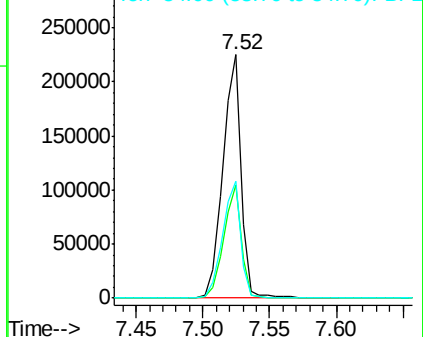
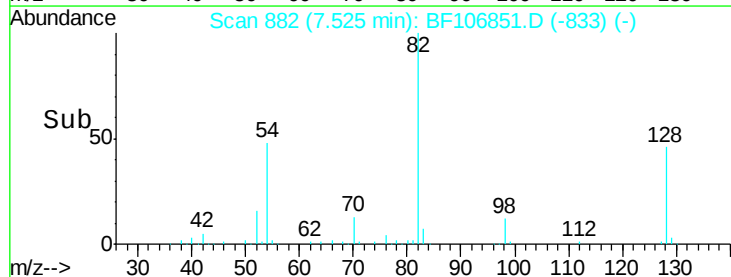


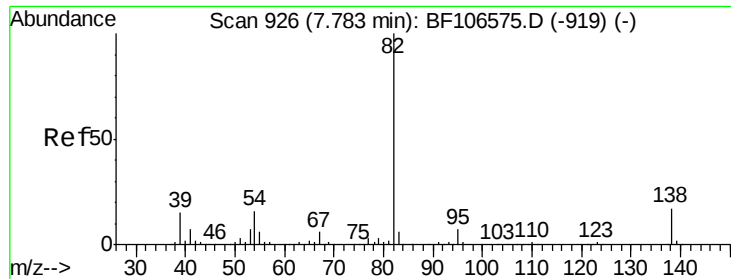
#23
Nitrobenzene-d5
Concen: 85.410 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106851.D
Acq: 27 Jun 2018 4:40

Tgt Ion:	82	Resp:	217911
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	47.9	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: 48.469 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106851.D

Acq: 27 Jun 2018 4:40

Instrument :

BNA_F

ClientSampleId :

062018-DBRI-E-U-B

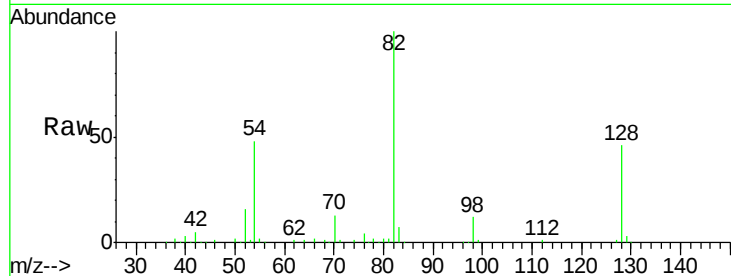
Tgt Ion: 82 Resp: 217909

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

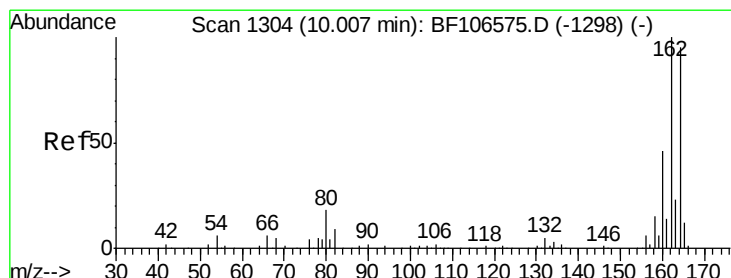
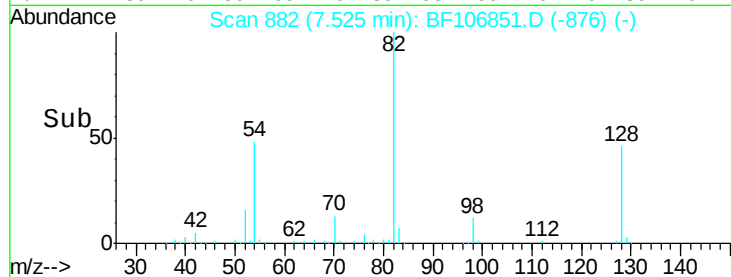
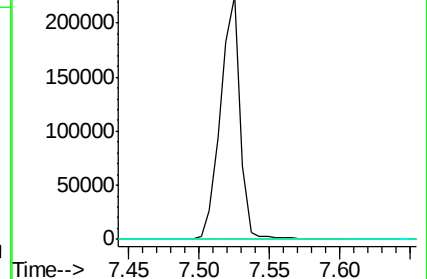
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106851.D

Acq: 27 Jun 2018 4:40

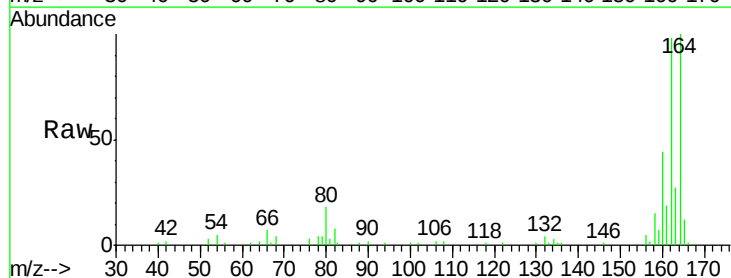
Tgt Ion: 164 Resp: 61345

Ion Ratio Lower Upper

164 100

162 98.4 86.1 129.1

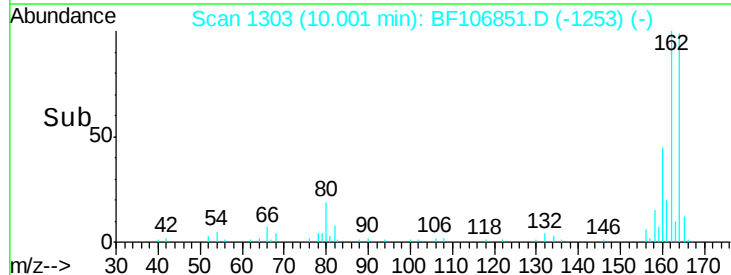
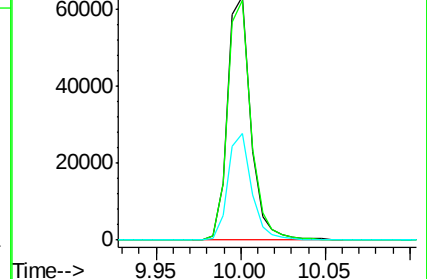
160 43.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

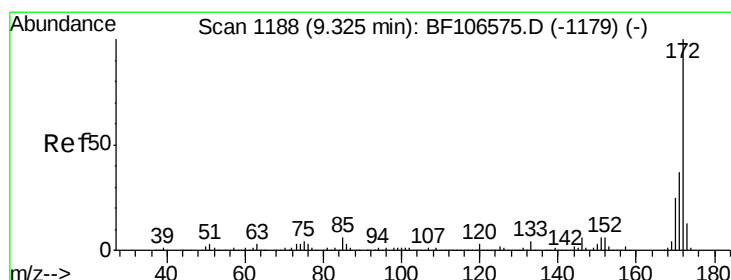
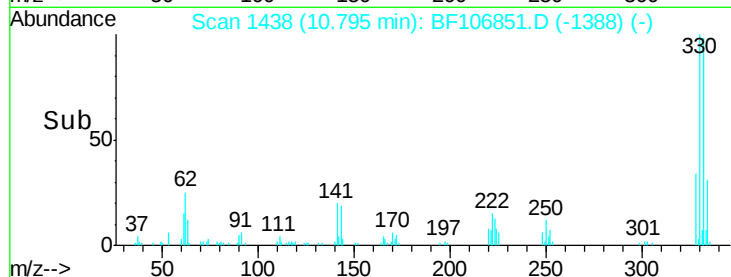
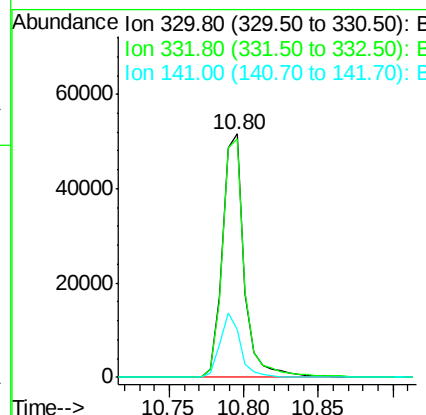
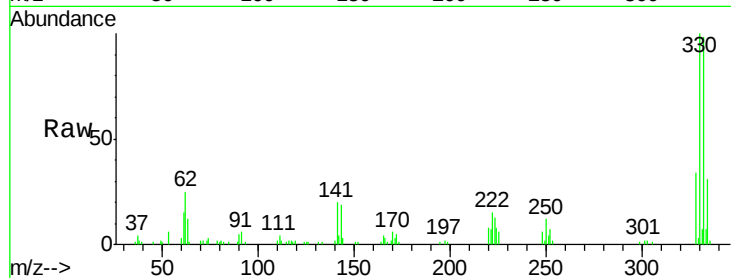




#41
 2,4,6-Tribromophenol
 Concen: 74.556 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106851.D
 Acq: 27 Jun 2018 4:40

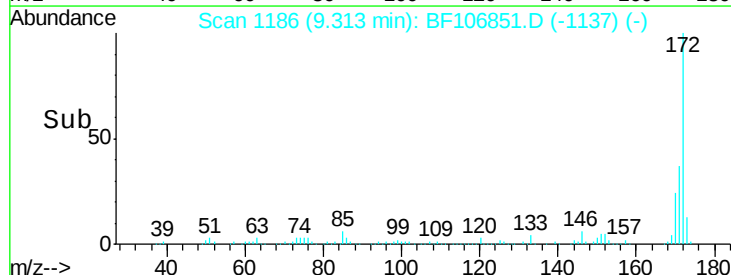
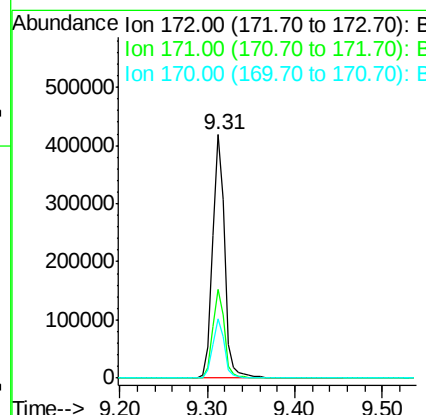
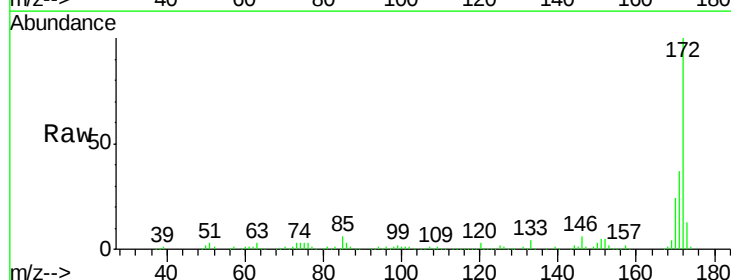
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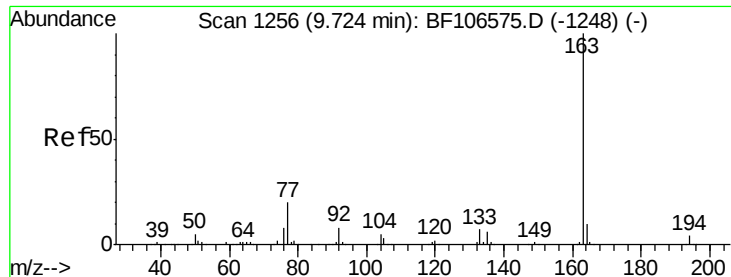
Tgt Ion:330 Resp: 53010
 Ion Ratio Lower Upper
 330 100
 332 99.6 77.0 115.6
 141 24.4 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 116.761 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106851.D
 Acq: 27 Jun 2018 4:40

Tgt Ion:172 Resp: 403194
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.2 19.6 29.4

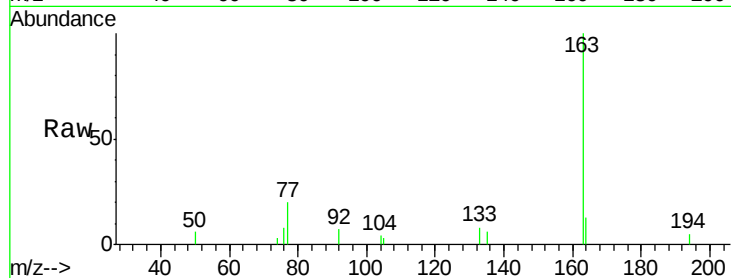




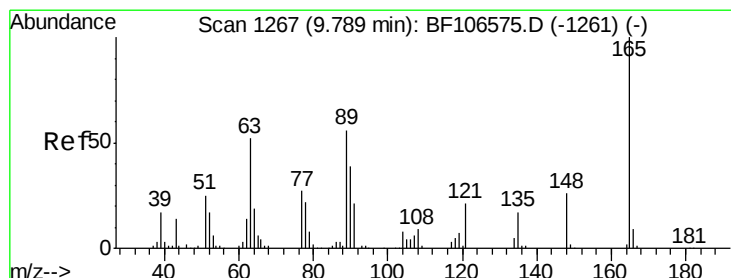
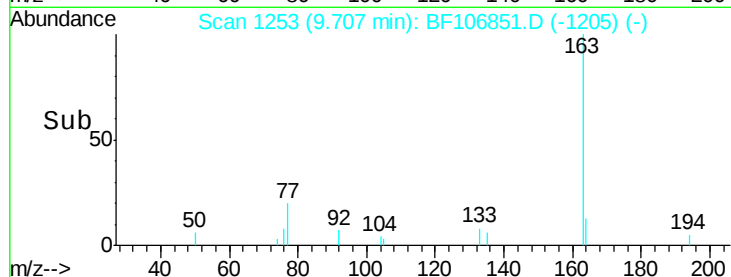
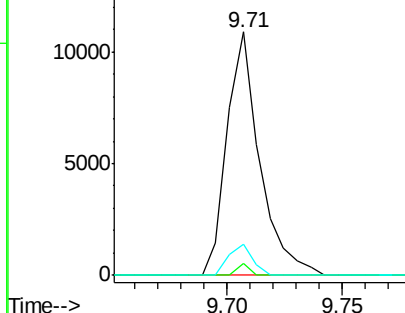
#49
Dimethylphthalate
Concen: 2.341 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106851.D
Acq: 27 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :
062018-DBRI-E-U-B

Tgt Ion:163 Resp: 10769
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 12.6 8.2 12.2#

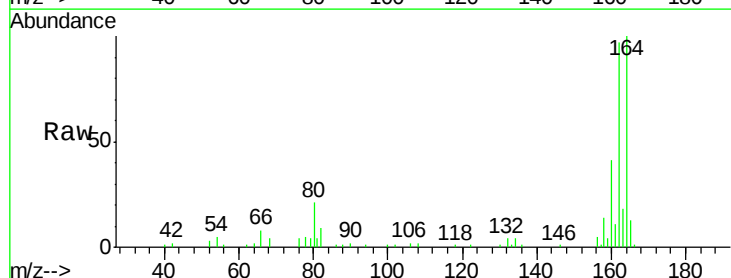


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

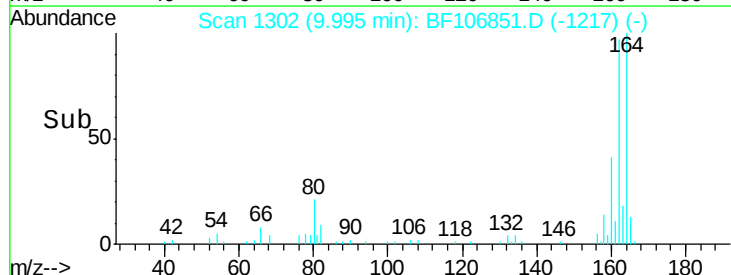
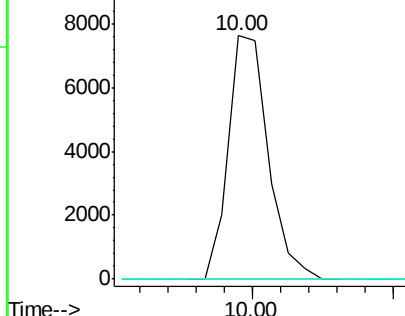


#50
2,6-Dinitrotoluene
Concen: 7.684 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF106851.D
Acq: 27 Jun 2018 4:40

Tgt Ion:165 Resp: 7486
Ion Ratio Lower Upper
165 100
63 0.0 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

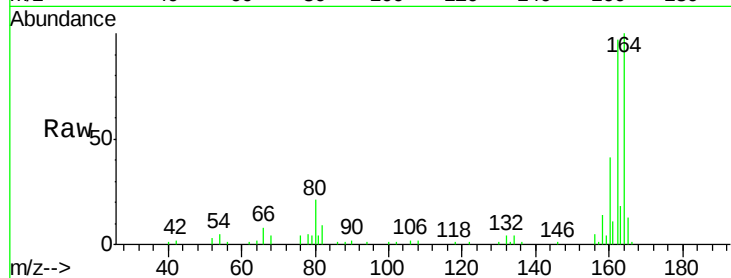




#56
 2,4-Dinitrotoluene
 Concen: 5.887 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF106851.D
 Acq: 27 Jun 2018 4:40

Instrument :
 BNA_F
 ClientSampleId :
 062018-DBRI-E-U-B

Tgt Ion:	165	Resp:	7486
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

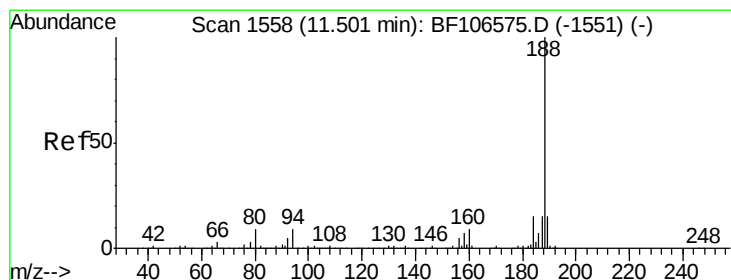
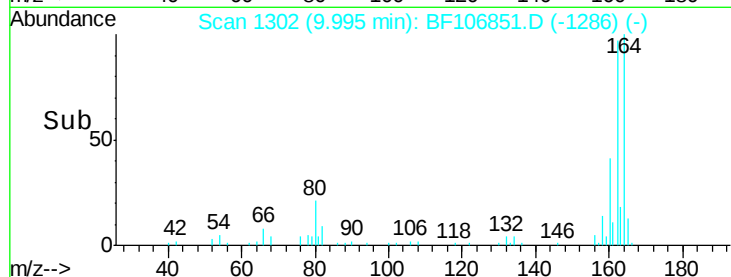
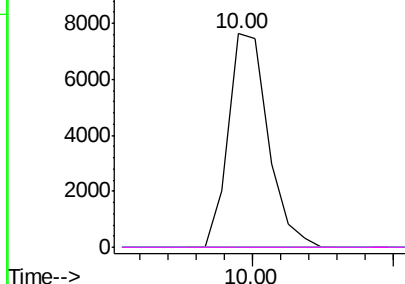


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

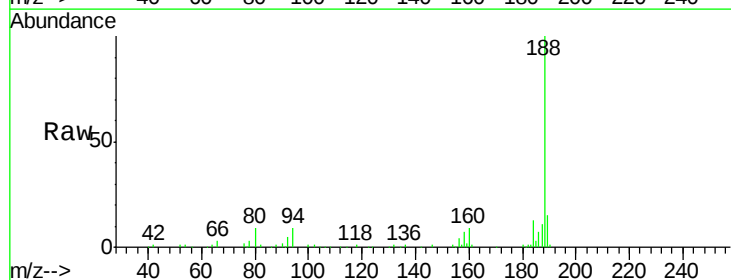
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106851.D
 Acq: 27 Jun 2018 4:40

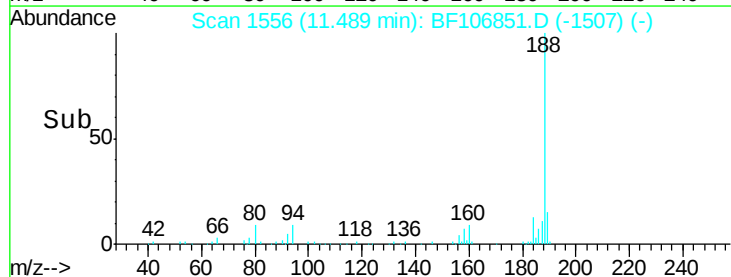
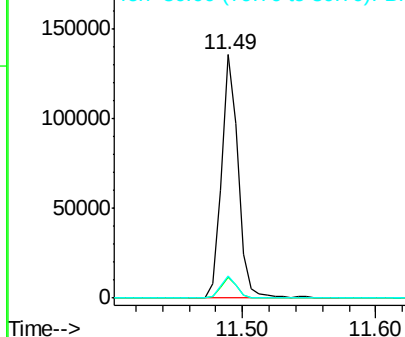
Tgt Ion:	188	Resp:	120024
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.2	9.2	13.8#



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

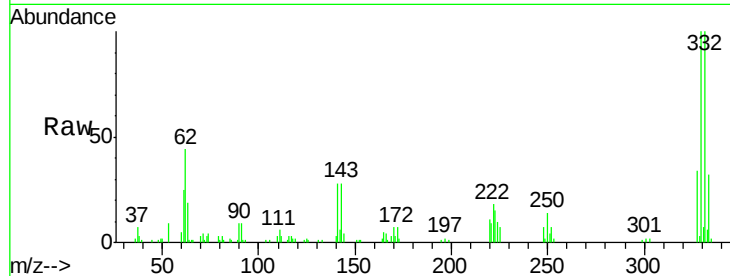




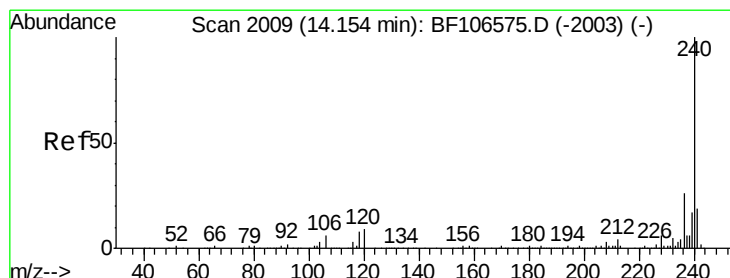
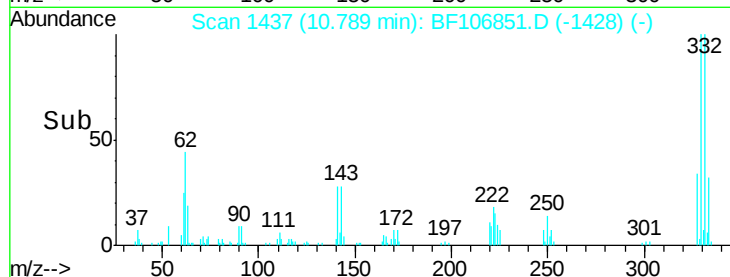
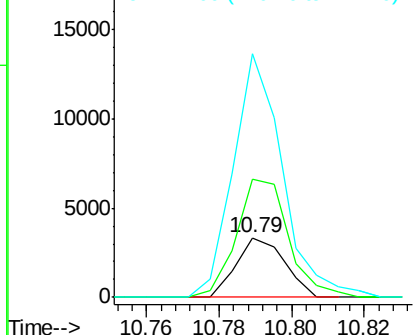
#66
4-Bromophenyl-phenylether
Concen: 2.142 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106851.D
Acq: 27 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :
062018-DBRI-E-U-B

Tgt Ion:248 Resp: 3068
Ion Ratio Lower Upper
248 100
250 199.7 76.9 115.3#
141 409.7 74.4 111.6#

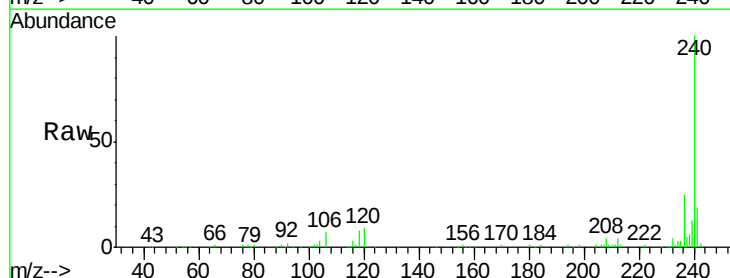


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

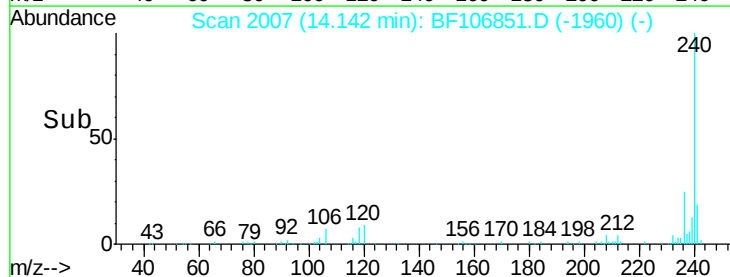
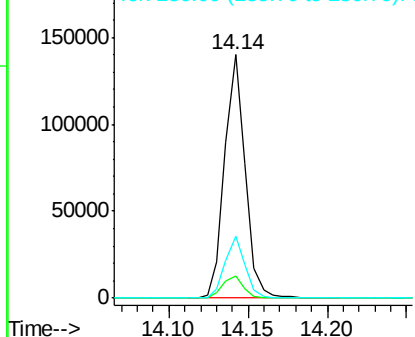


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106851.D
Acq: 27 Jun 2018 4:40

Tgt Ion:240 Resp: 125518
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 25.4 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: 90.656 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106851.D

Acq: 27 Jun 2018 4:40

Instrument :

BNA_F

ClientSampleId :

062018-DBRI-E-U-B

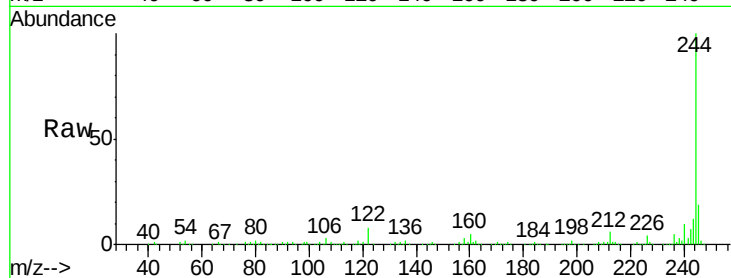
Tgt Ion:244 Resp: 469757

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

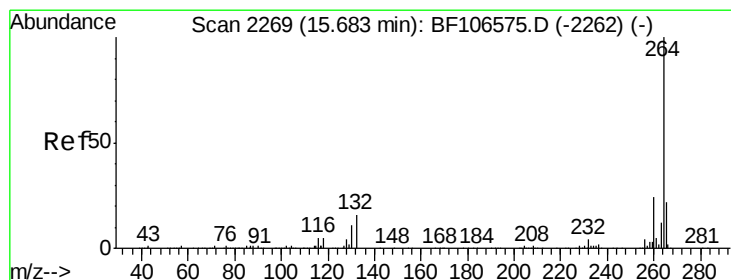
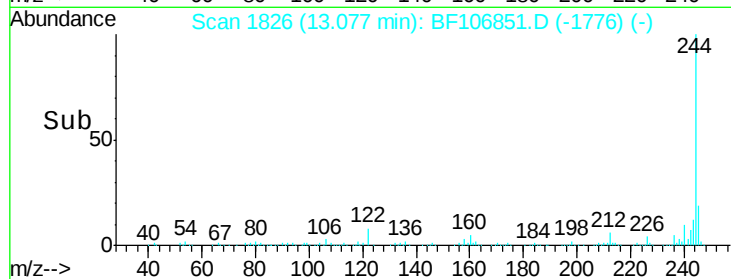
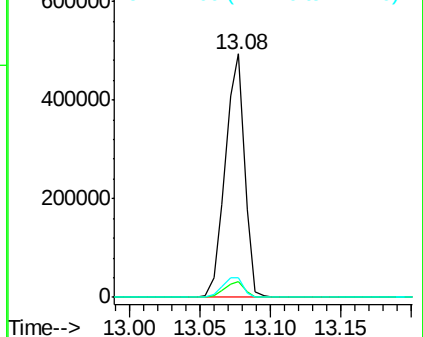
122 8.3 11.0 16.4#



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: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF106851.D

Acq: 27 Jun 2018 4:40

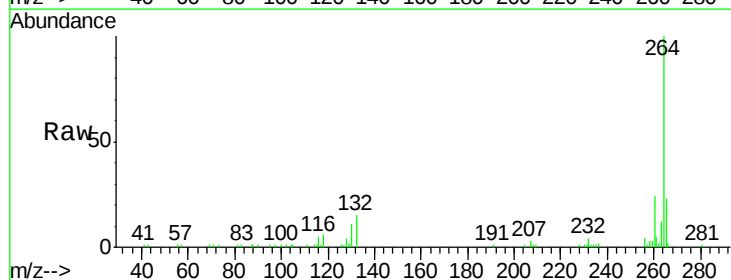
Tgt Ion:264 Resp: 82109

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.5 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

