

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106615.D
 Acq On : 20 Jun 2018 6:45
 Operator : JU/SJ
 Sample : J3548-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 061318-DBRI-E-U-M

Quant Time: Jun 20 07:48:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	96075	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	328855	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	128333	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	211474	20.00	ng	0.00
75) Chrysene-d12	14.15	240	249265	20.00	ng	0.00
86) Perylene-d12	15.68	264	176524	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	265434	46.78	ng	0.00
7) Phenol-d6	6.60	99	208560	29.44	ng	-0.01
23) Nitrobenzene-d5	7.52	82	595243	100.59	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	126987	85.37	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	902624	126.20	ng	0.00
78) Terphenyl-d14	13.08	244	904894	87.94	ng	0.00

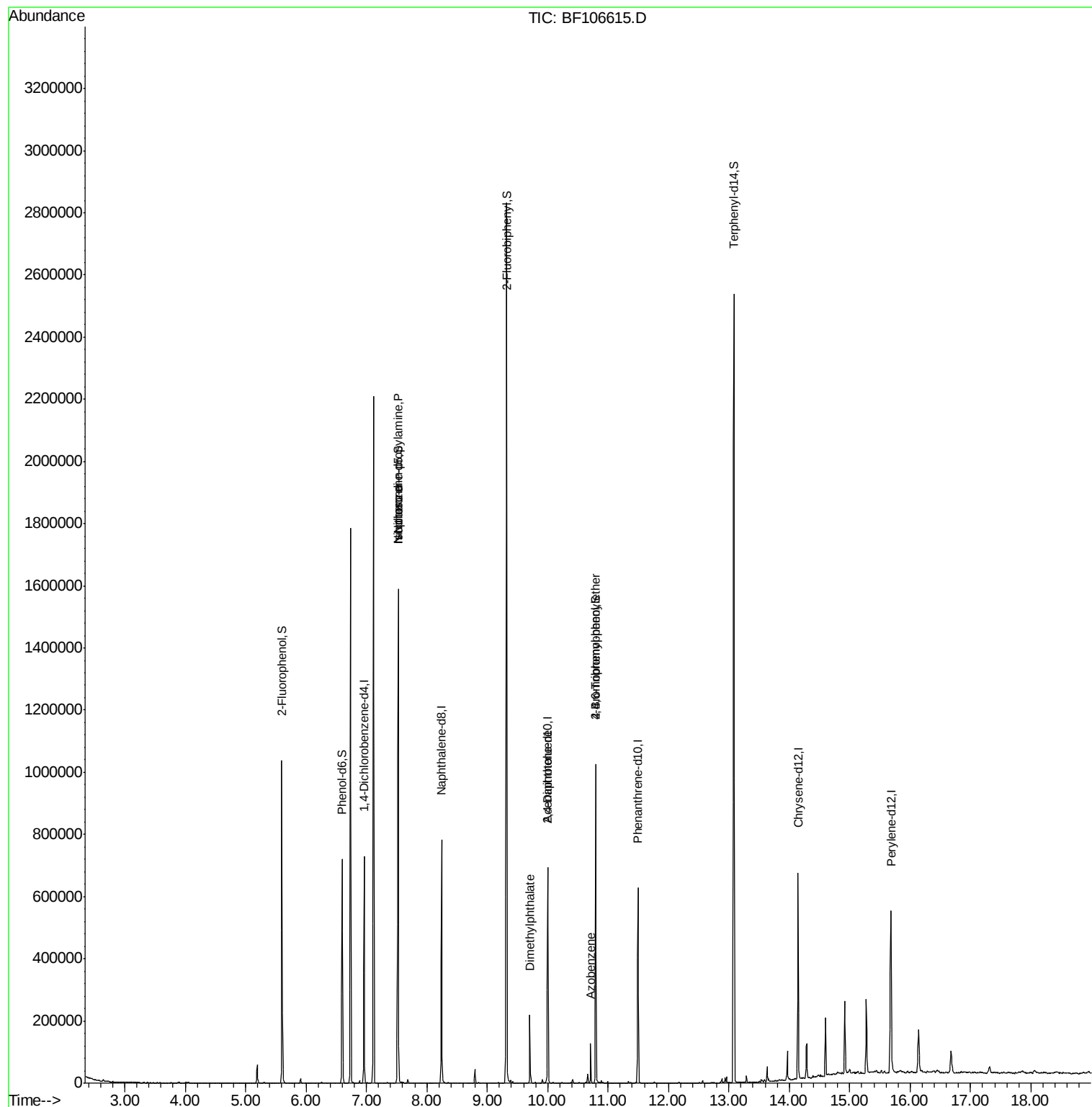
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	78911	16.896	ng	# 72
25) Isophorone	7.52	82	595229	57.083	ng	# 64
49) Dimethylphthalate	9.71	163	84691	8.799	ng	100
56) 2,4-Dinitrotoluene	10.00	165	15556	5.847	ng	# 21
62) Azobenzene	10.71	77	20102	2.197	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	7860	3.114	ng	# 1

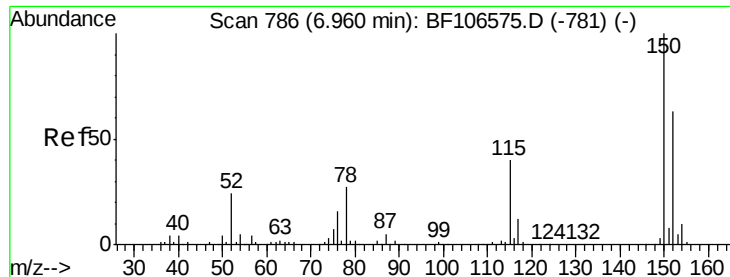
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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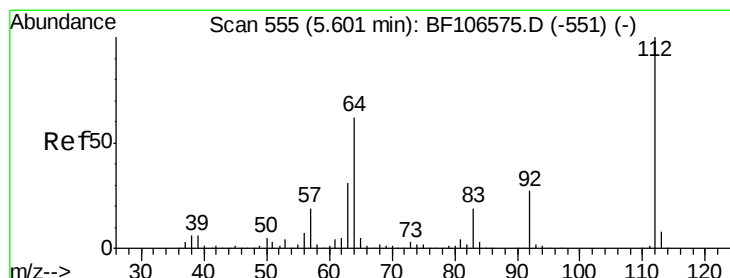
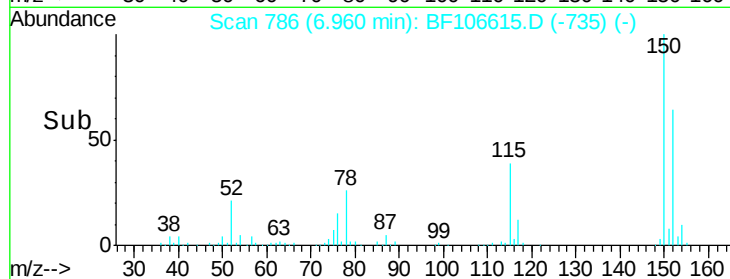
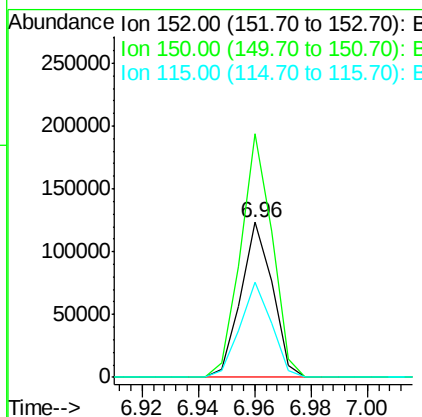
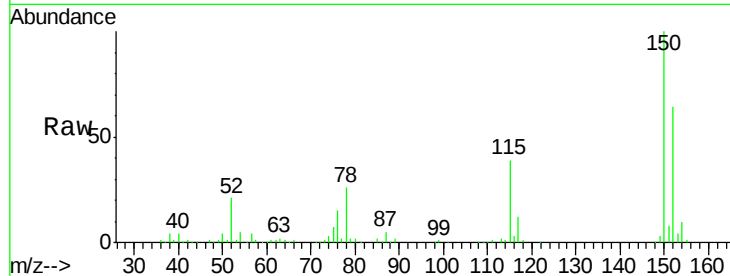




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106615.D
 Acq: 20 Jun 2018 6:45

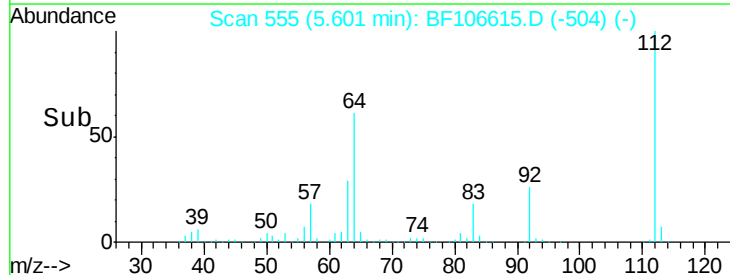
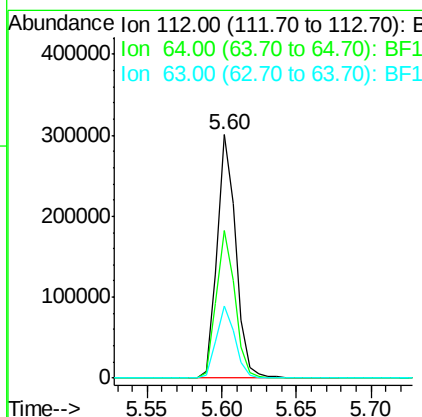
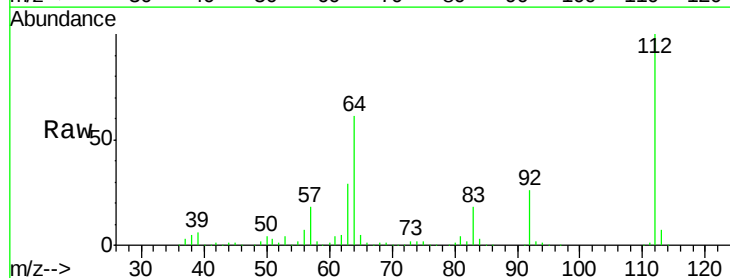
Instrument :
 BNA_F
 ClientSampleId :
 061318-DBRI-E-U-M

Tgt Ion:152 Resp: 96075
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 61.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 46.783 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF106615.D
 Acq: 20 Jun 2018 6:45

Tgt Ion:112 Resp: 265434
 Ion Ratio Lower Upper
 112 100
 64 60.6 47.9 71.9
 63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 29.435 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106615.D

Acq: 20 Jun 2018 6:45

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-U-M

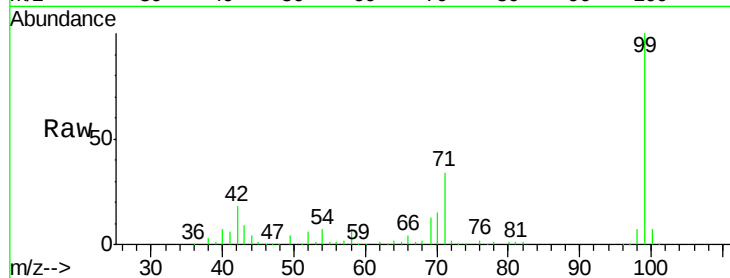
Tgt Ion: 99 Resp: 208560

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

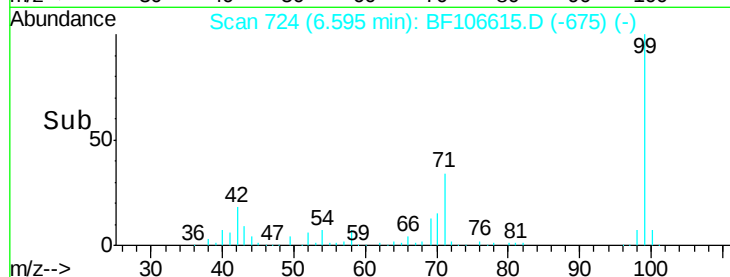
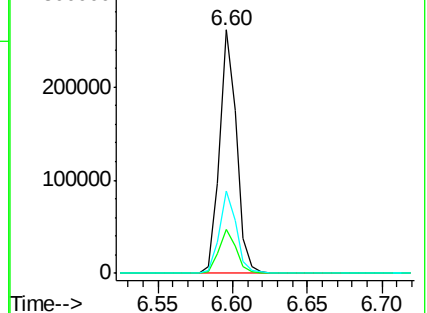
71 33.8 25.4 38.0



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: 16.896 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106615.D

Acq: 20 Jun 2018 6:45

Tgt Ion: 70 Resp: 78911

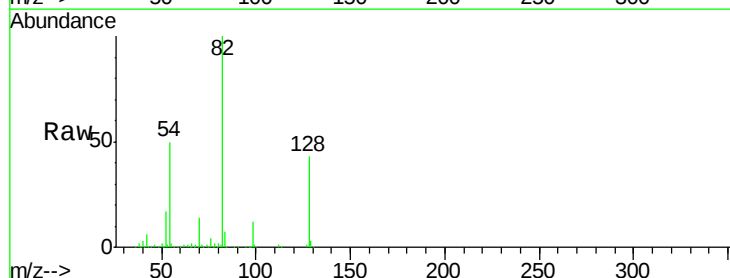
Ion Ratio Lower Upper

70 100

42 41.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

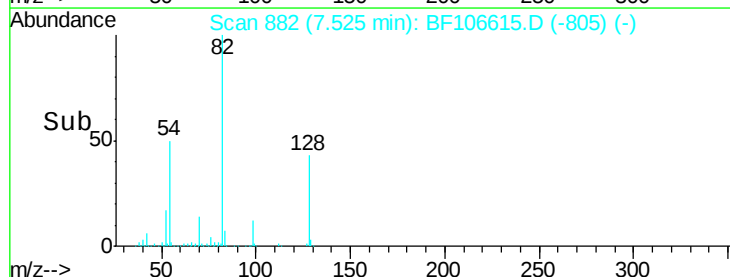
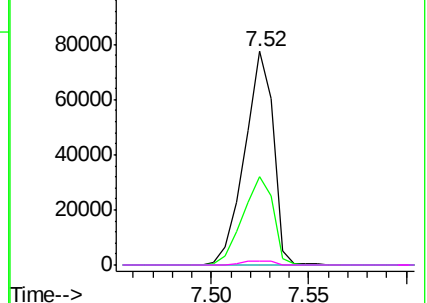


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

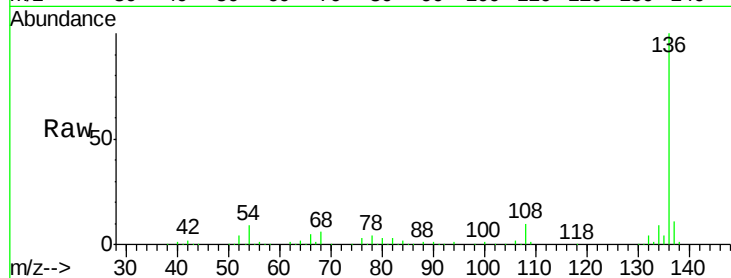




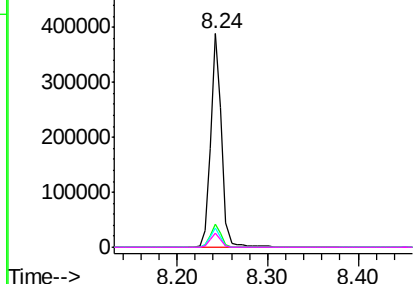
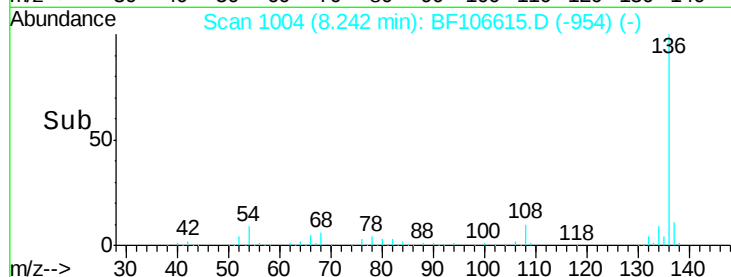
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106615.D
Acq: 20 Jun 2018 6:45

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-M

Tgt Ion:	136	Resp:	328855
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	6.6	9.8
68	6.3	5.0	7.4

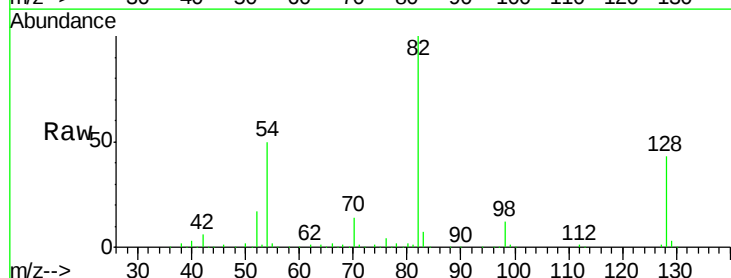


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

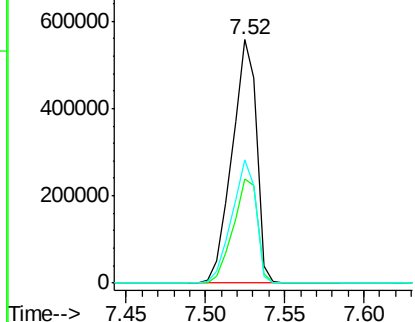
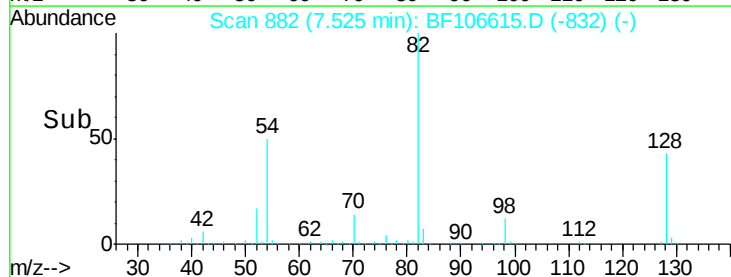


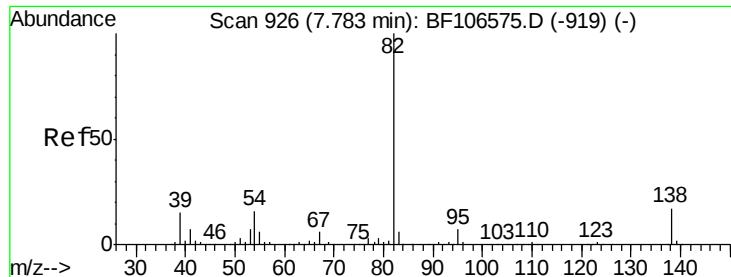
#23
Nitrobenzene-d5
Concen: 100.591 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106615.D
Acq: 20 Jun 2018 6:45

Tgt Ion:	82	Resp:	595243
Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	50.5	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: 57.083 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106615.D

Acq: 20 Jun 2018 6:45

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-U-M

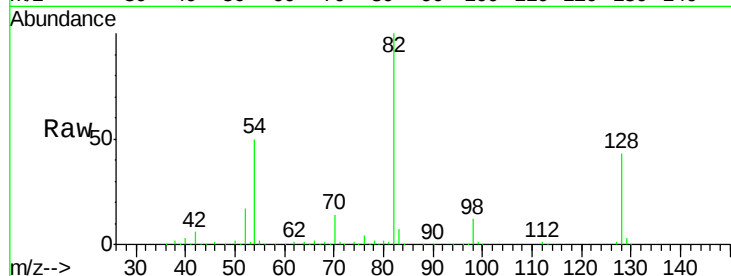
Tgt Ion: 82 Resp: 595229

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

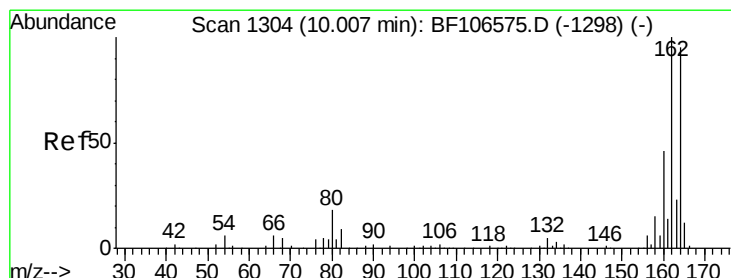
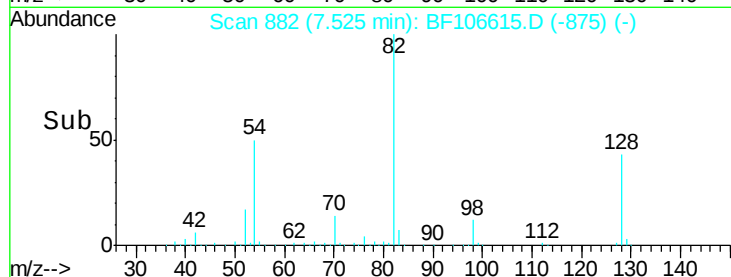
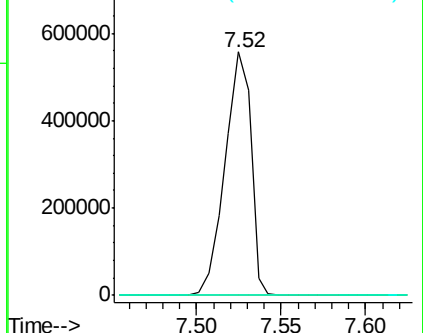
138 0.0 14.9 22.3#



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: BF106615.D

Acq: 20 Jun 2018 6:45

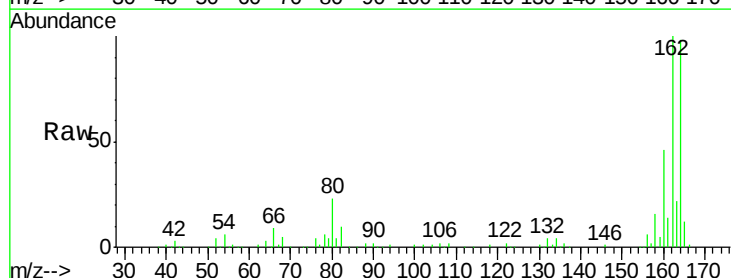
Tgt Ion: 164 Resp: 128333

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

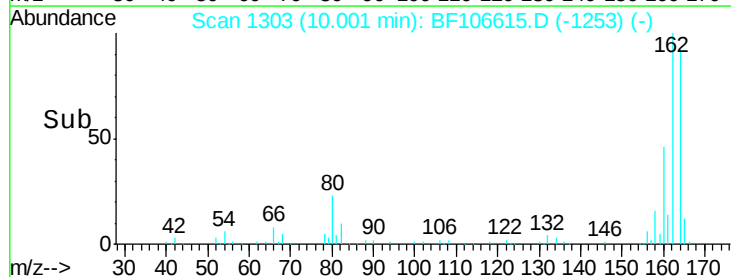
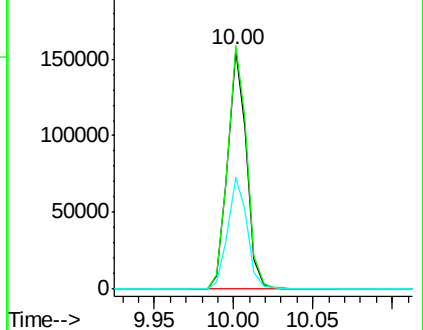
160 46.7 38.3 57.5



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

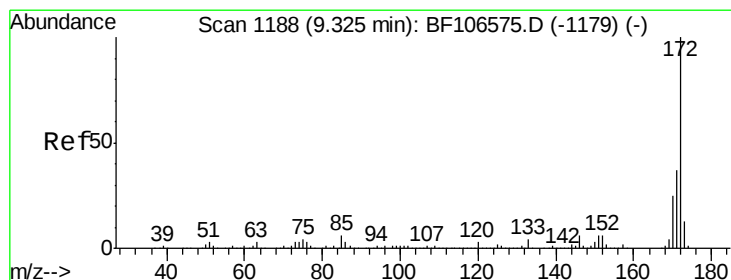
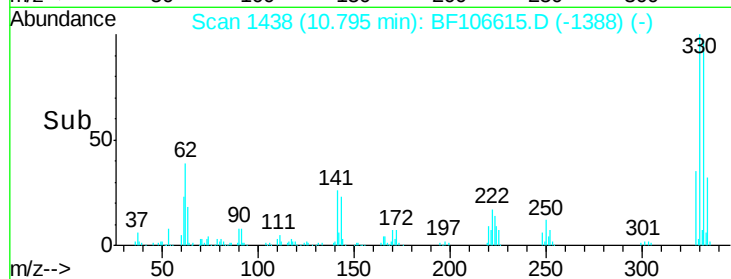
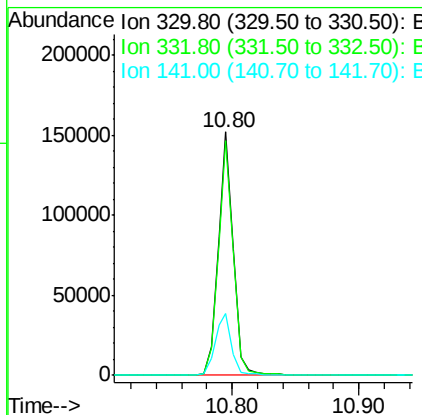
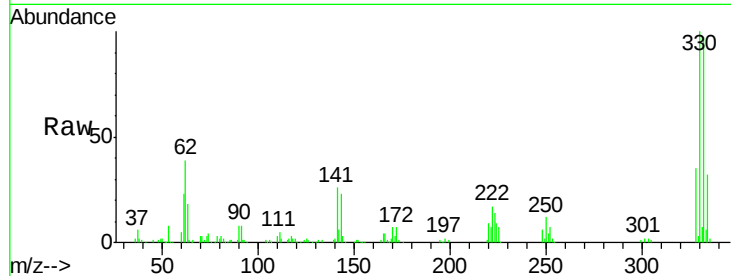




#41
 2,4,6-Tribromophenol
 Concen: 85.374 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106615.D
 Acq: 20 Jun 2018 6:45

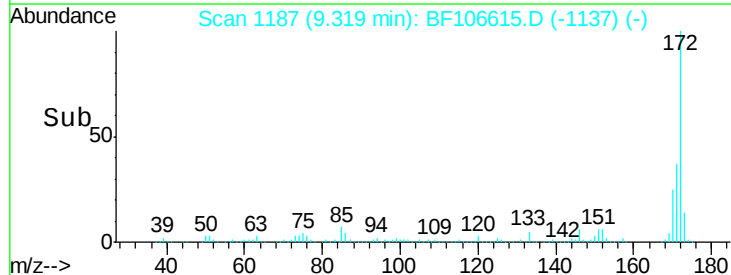
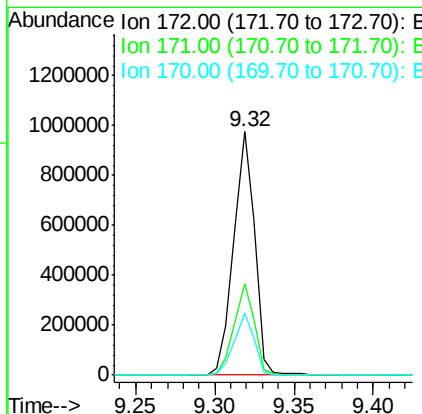
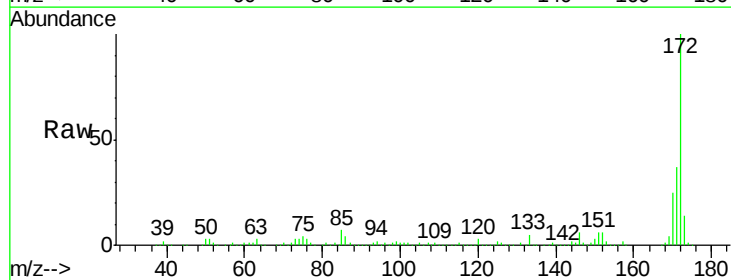
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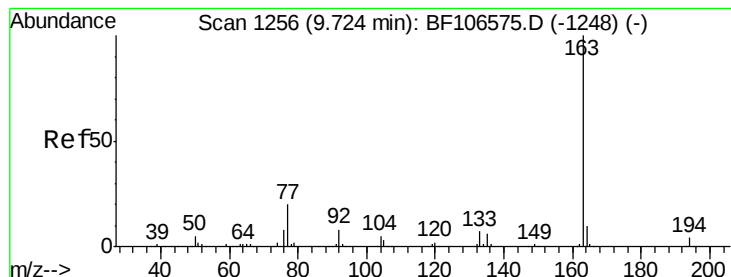
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	27.7	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 126.200 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106615.D
 Acq: 20 Jun 2018 6:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.2	19.6	29.4





#49

Dimethylphthalate

Concen: 8.799 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106615.D

Acq: 20 Jun 2018 6:45

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-U-M

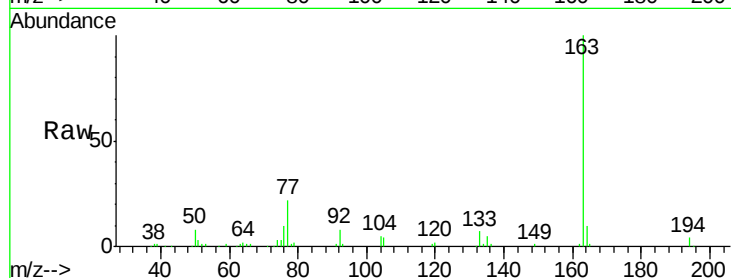
Tgt Ion:163 Resp: 84691

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

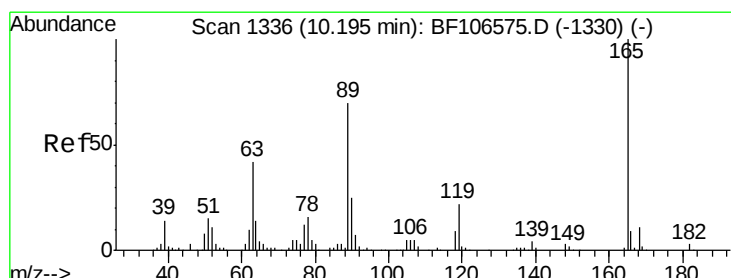
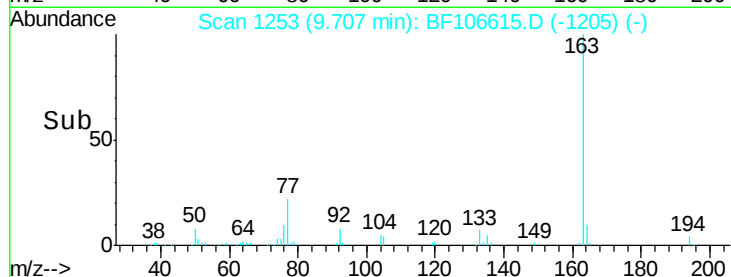
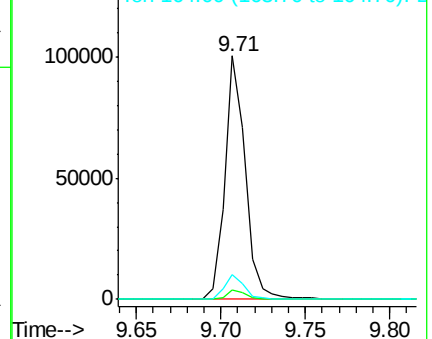
164 10.2 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.847 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106615.D

Acq: 20 Jun 2018 6:45

Tgt Ion:165 Resp: 15556

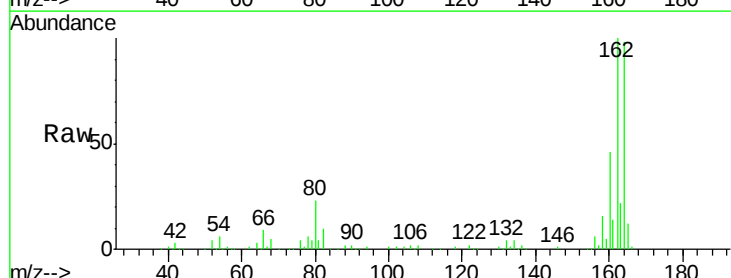
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

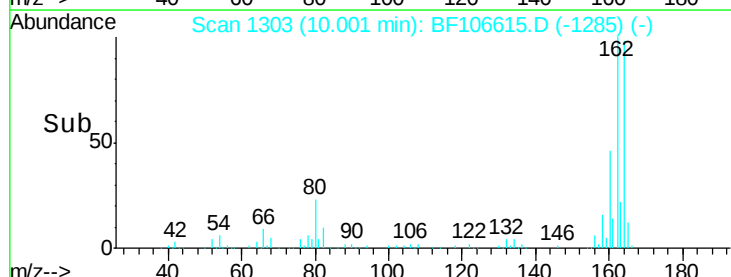
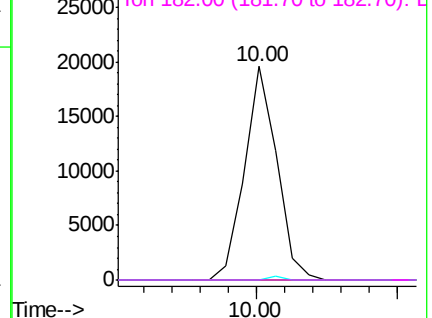


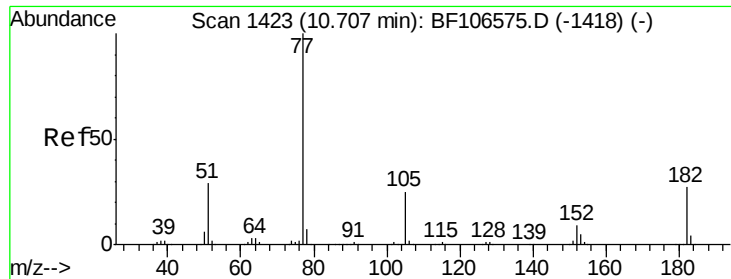
Abundance Ion 165.00 (164.70 to 165.70): E

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

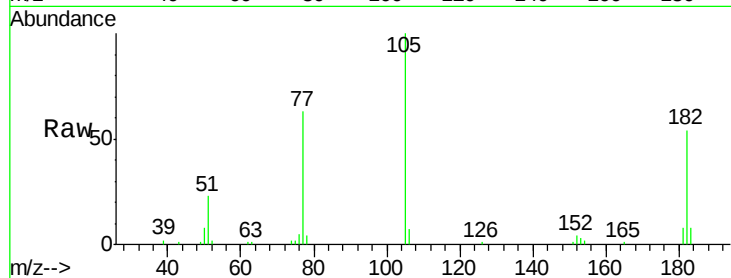




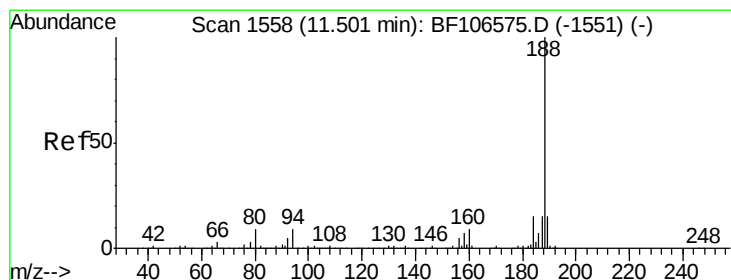
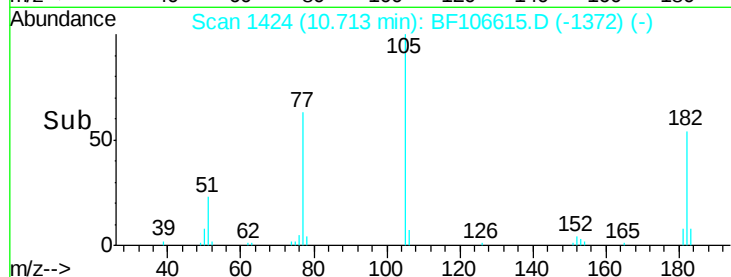
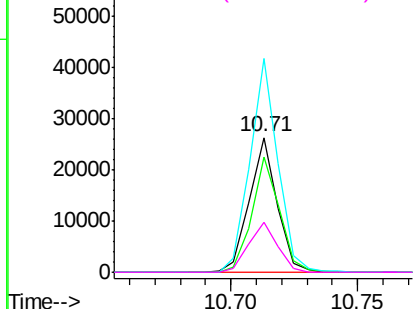
#62
Azobenzene
Concen: 2.197 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF106615.D
Acq: 20 Jun 2018 6:45

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-M

Tgt Ion: 77 Resp: 20102
Ion Ratio Lower Upper
77 100
182 85.3 1.7 41.7#
105 158.2 3.0 43.0#
51 36.9 9.9 49.9

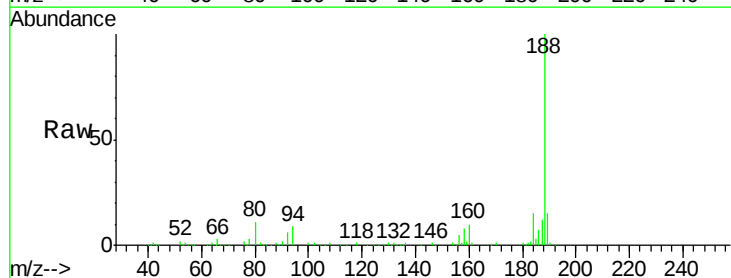


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

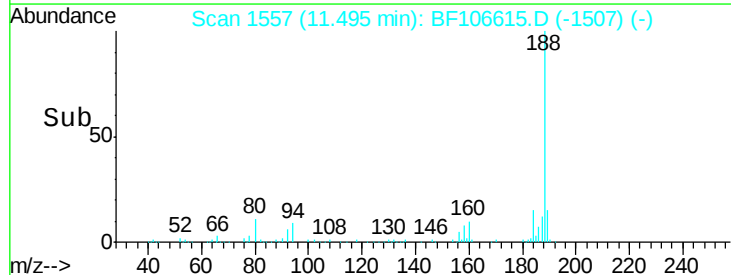
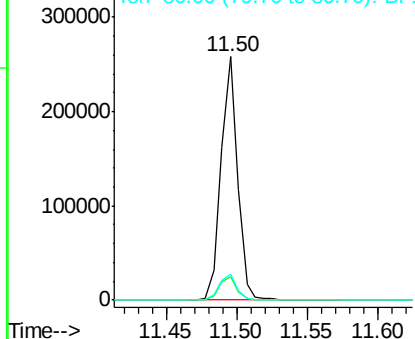


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106615.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 188 Resp: 211474
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.7 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

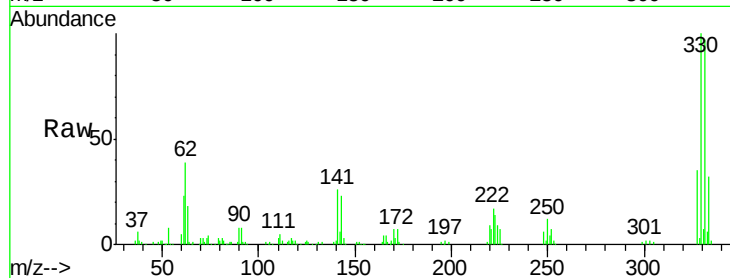




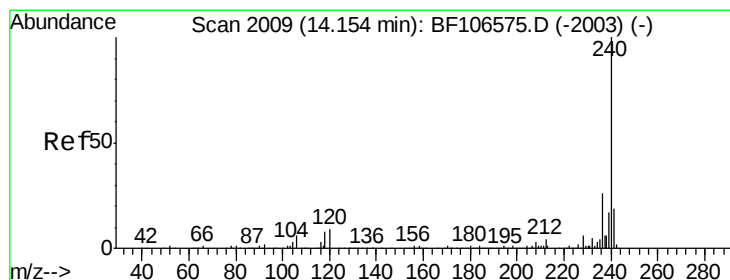
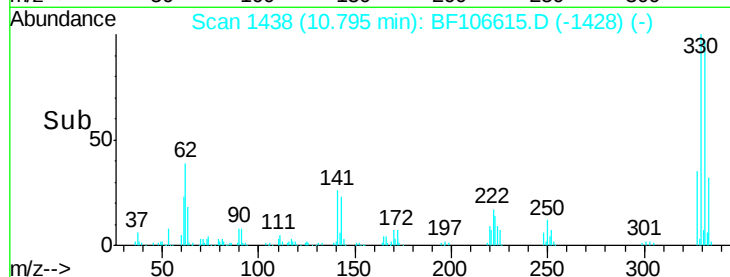
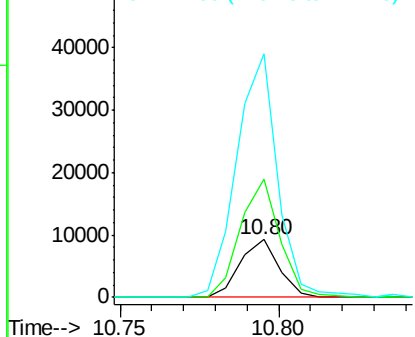
#66
4-Bromophenyl-phenylether
Concen: 3.114 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106615.D
Acq: 20 Jun 2018 6:45

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-M

Tgt Ion:248 Resp: 7860
Ion Ratio Lower Upper
248 100
250 204.6 76.9 115.3#
141 420.3 74.4 111.6#

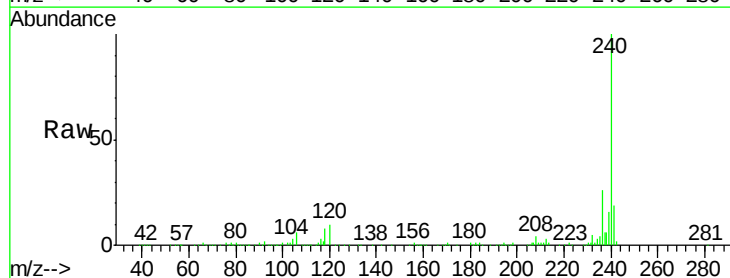


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

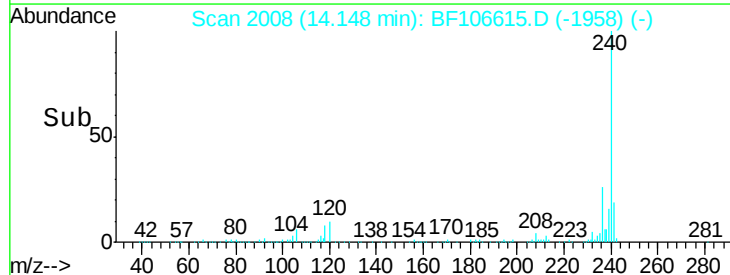
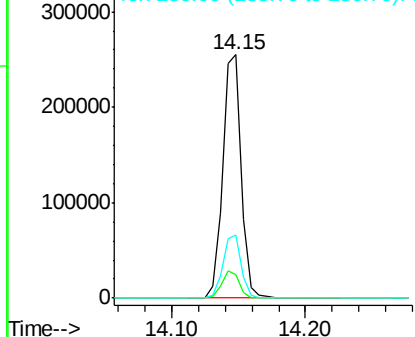


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106615.D
Acq: 20 Jun 2018 6:45

Tgt Ion:240 Resp: 249265
Ion Ratio Lower Upper
240 100
120 9.7 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: 87.935 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106615.D

Acq: 20 Jun 2018 6:45

Instrument :

BNA_F

ClientSampleId :

061318-DBRI-E-U-M

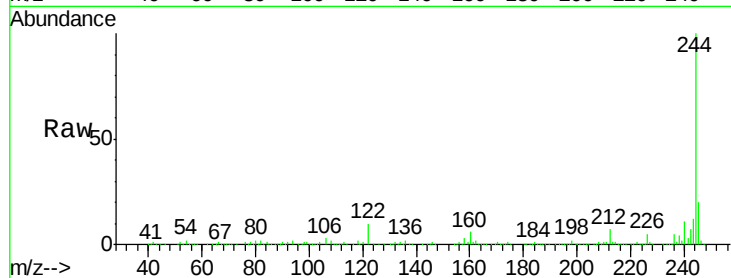
Tgt Ion:244 Resp: 904894

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

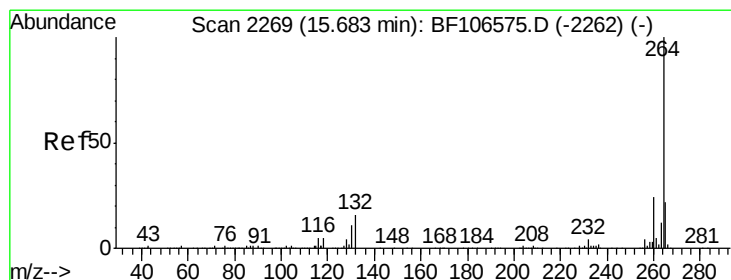
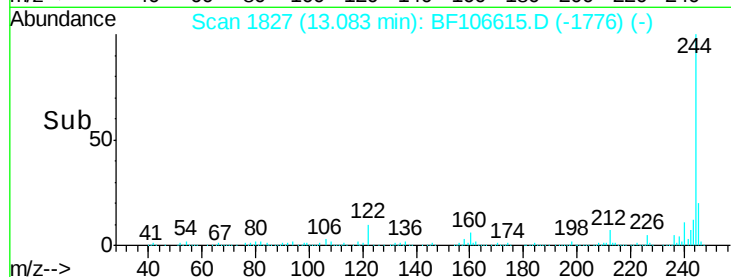
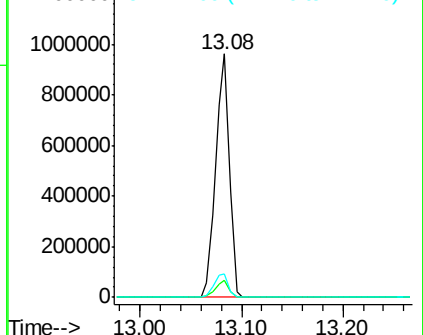
122 9.7 11.0 16.4#



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# 2269

Delta R.T. 0.00 min

Lab File: BF106615.D

Acq: 20 Jun 2018 6:45

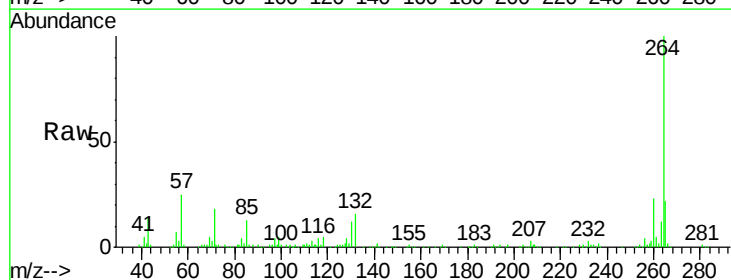
Tgt Ion:264 Resp: 176524

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.0 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

