

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106835.D
 Acq On : 26 Jun 2018 20:46
 Operator : JU/SJ
 Sample : J3702-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-STONE

Quant Time: Jun 27 01:11:10 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

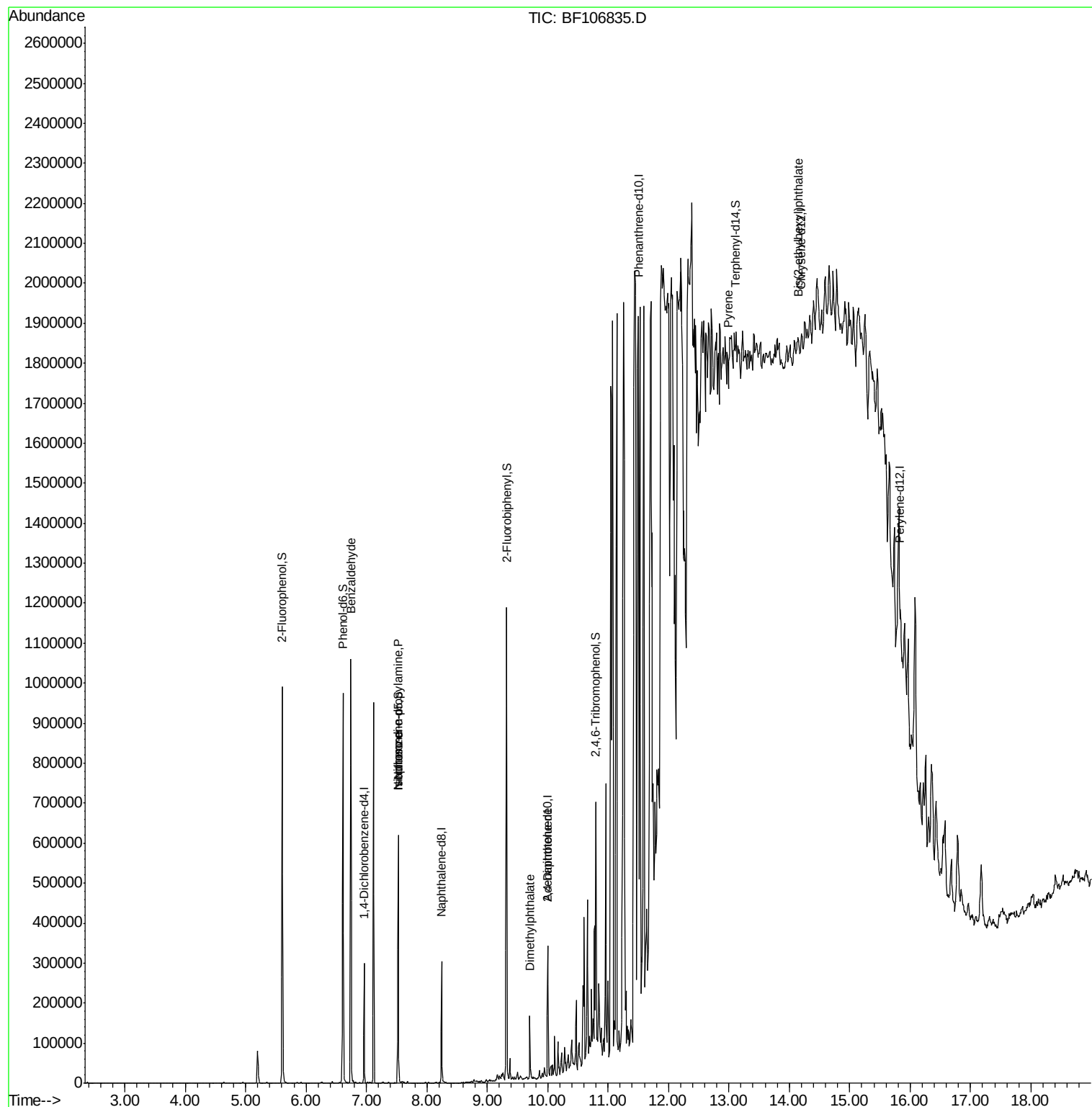
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	39401	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	134619	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	59215	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	75859	20.00	ng	0.00
75) Chrysene-d12	14.21	240	10540	20.00	ng	0.04
86) Perylene-d12	15.83	264	50801	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	292847	125.86	ng	0.00
7) Phenol-d6	6.61	99	360167	123.95	ng	0.00
23) Nitrobenzene-d5	7.52	82	213025	87.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	88395	128.80	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	377295	112.65	ng	0.00
78) Terphenyl-d14	13.12	244	184584	424.21	ng	0.04
Target Compounds						
9) Benzaldehyde	6.74	77	6071	2.479	ng	87
19) n-Nitroso-di-n-propylamine	7.52	70	27454	14.333	ng	# 75
25) Isophorone	7.52	82	213023	49.905	ng	# 64
49) Dimethylphthalate	9.71	163	48073	10.824	ng	98
56) 2,4-Dinitrotoluene	10.00	165	7433	6.055	ng	# 21
77) Pyrene	12.99	202	2085	3.000	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.16	149	35278	96.561	ng	# 91

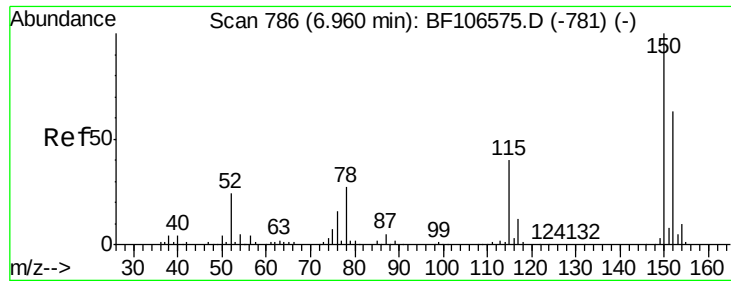
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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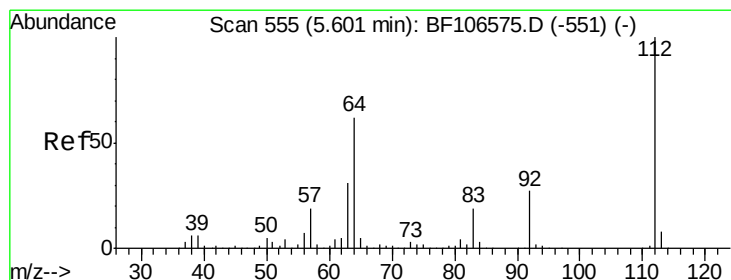
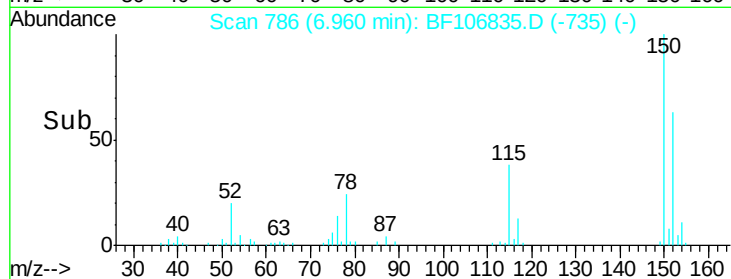
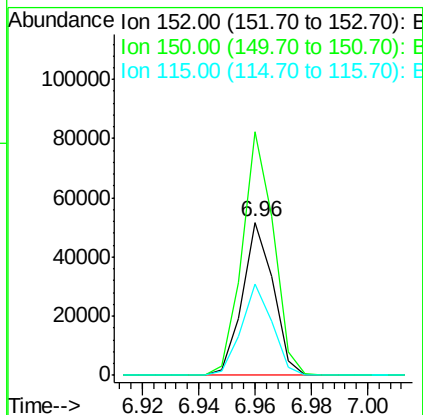
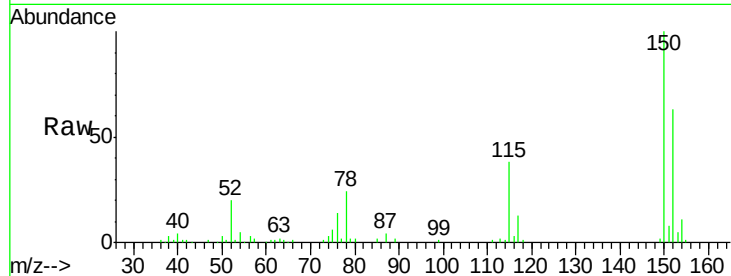


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

Instrument :
BNA_F
ClientSampled :
BS-STONE

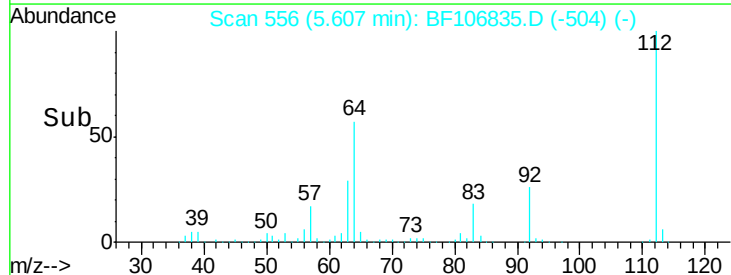
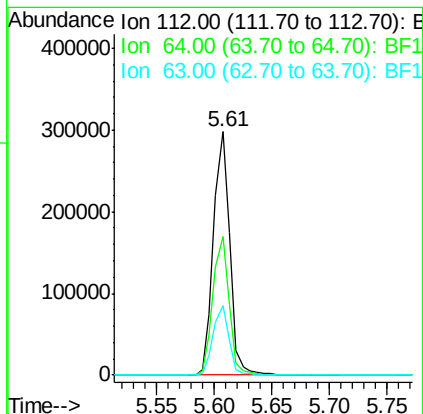
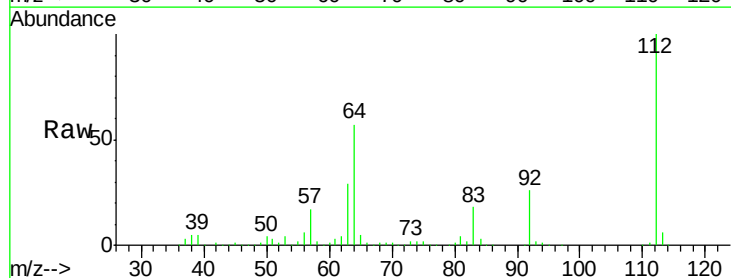
Tgt Ion:152 Resp: 39401
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 59.9 50.1 75.1

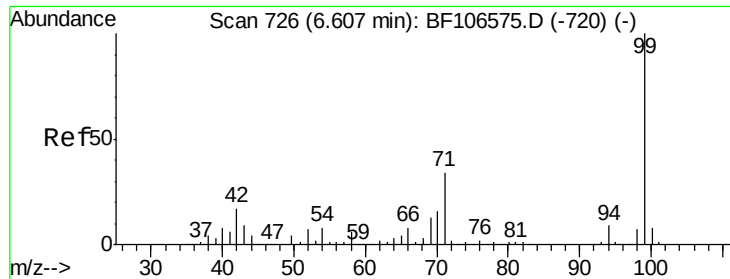


#5

2-Fluorophenol
Concen: 125.855 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

Tgt Ion:112 Resp: 292847
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 28.6 23.7 35.5





#7

Phenol-d6

Concen: 123.948 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106835.D

Acq: 26 Jun 2018 20:46

Instrument :

BNA_F

ClientSampleId :

BS-STONE

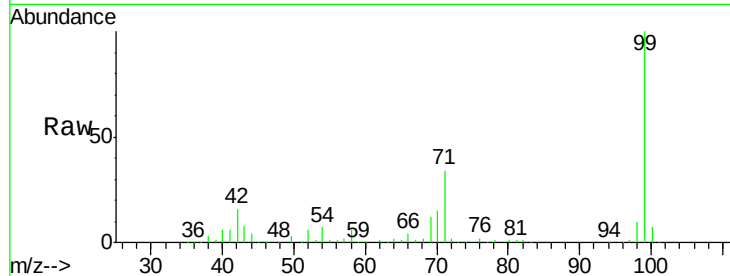
Tgt Ion: 99 Resp: 360167

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

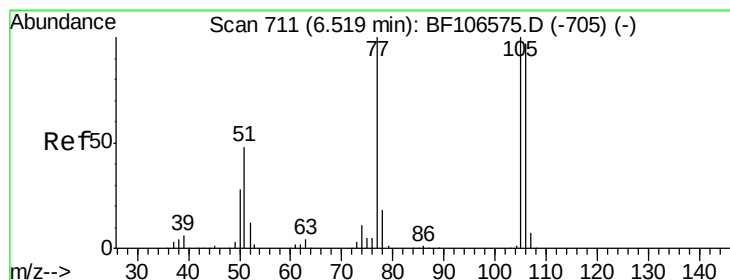
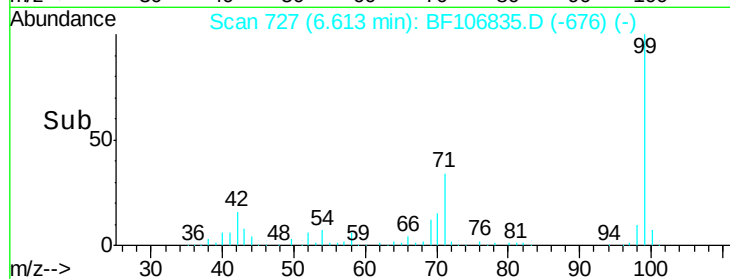
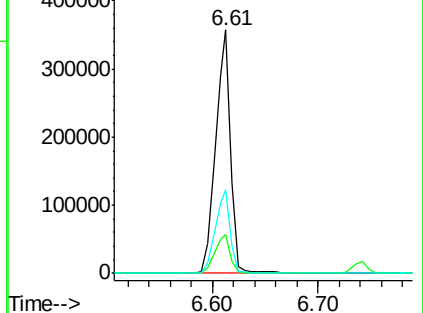
71 34.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.479 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106835.D

Acq: 26 Jun 2018 20:46

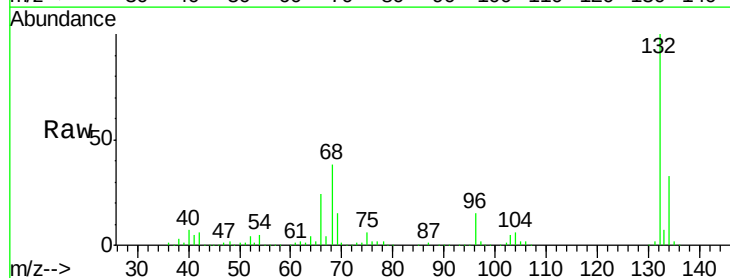
Tgt Ion: 77 Resp: 6071

Ion Ratio Lower Upper

77 100

105 87.3 81.1 121.1

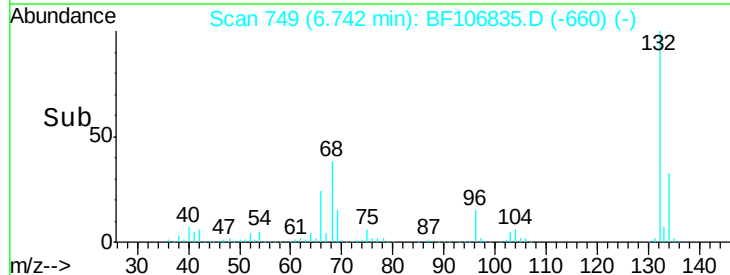
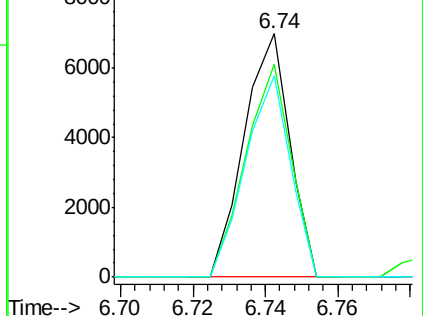
106 82.7 74.5 114.5

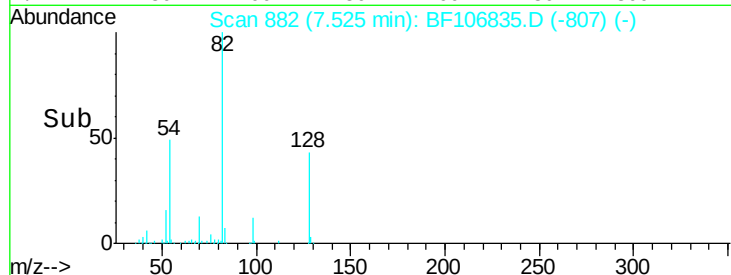
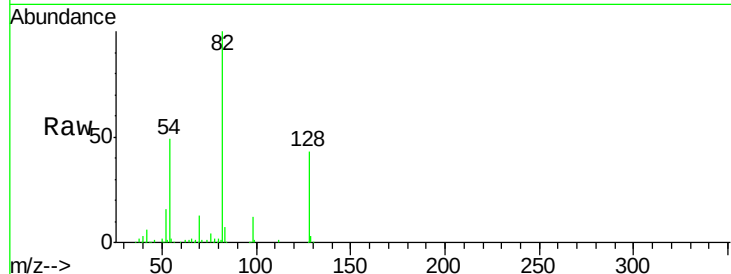
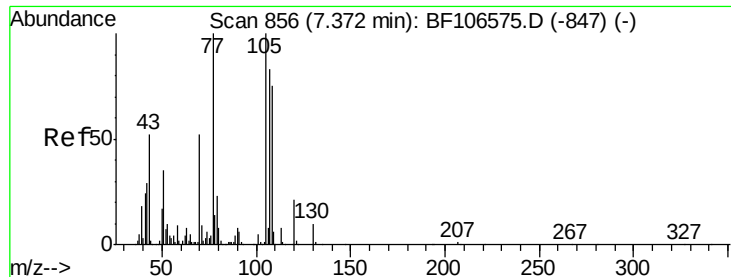


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

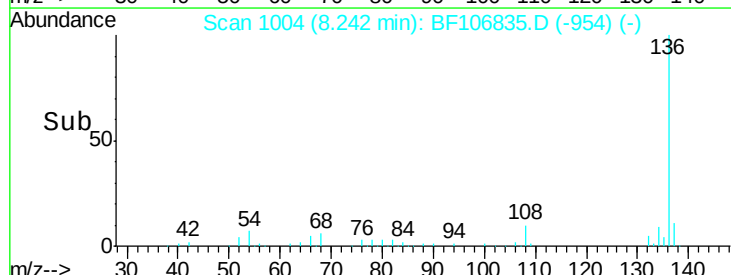
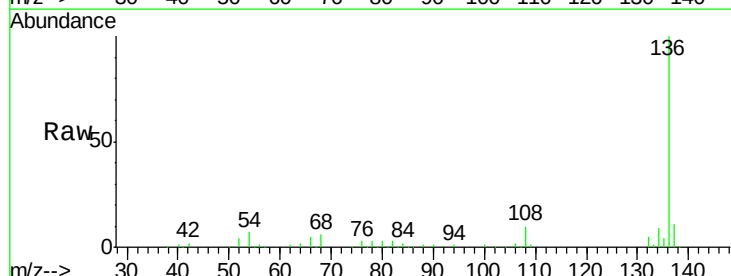
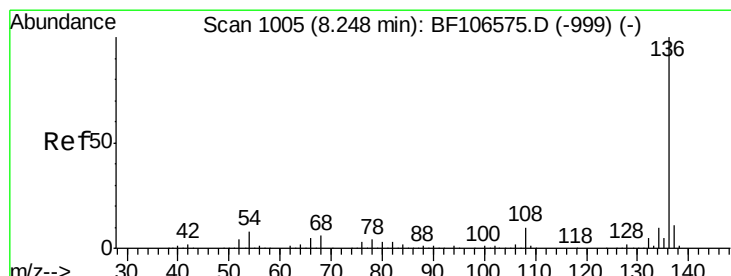
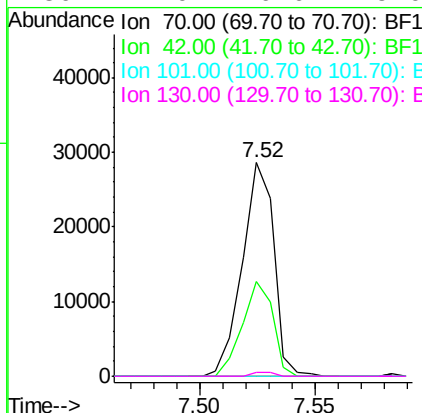




#19
n-Nitroso-di-n-propylamine
Concen: 14.333 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

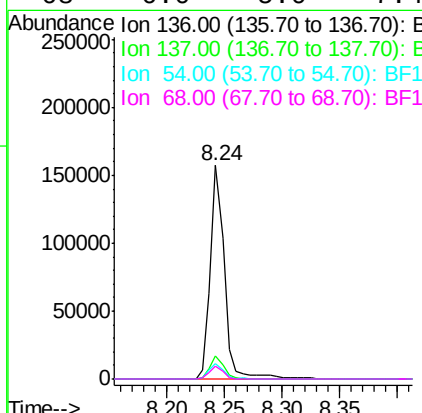
Instrument :
BNA_F
ClientSampleId :
BS-STONE

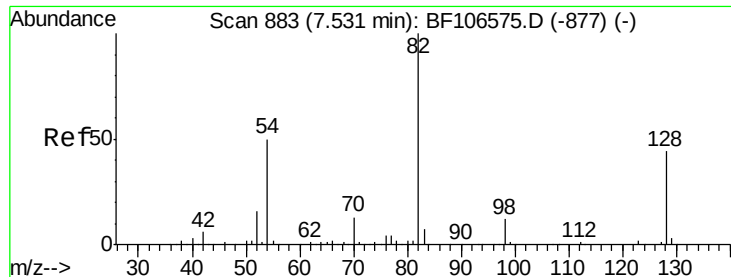
Tgt Ion: 70 Resp: 27454
Ion Ratio Lower Upper
70 100
42 44.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

Tgt Ion: 136 Resp: 134619
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.5 6.6 9.8
68 6.0 5.0 7.4

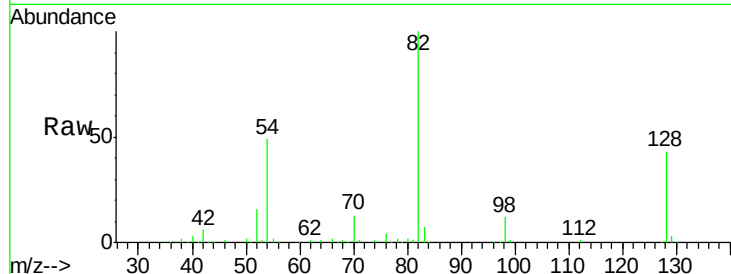




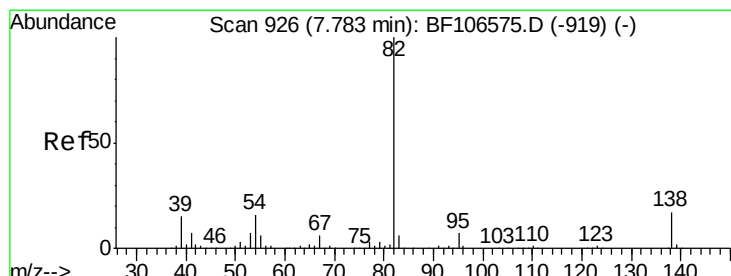
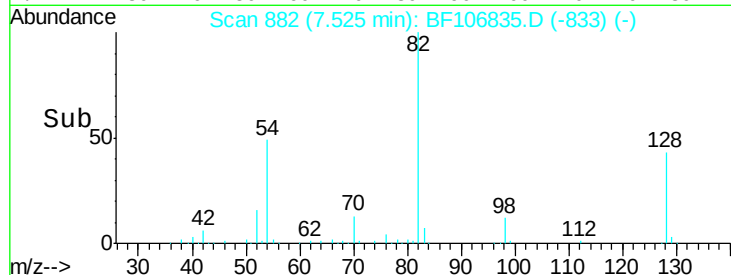
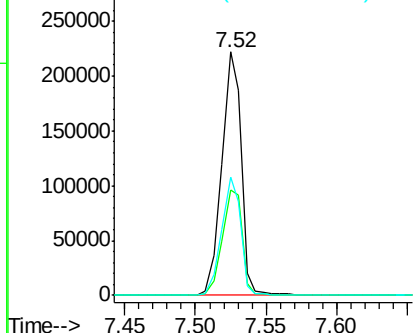
#23
Nitrobenzene-d5
Concen: 87.941 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

Instrument :
BNA_F
ClientSampleId :
BS-STONE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	48.7	41.4	62.2

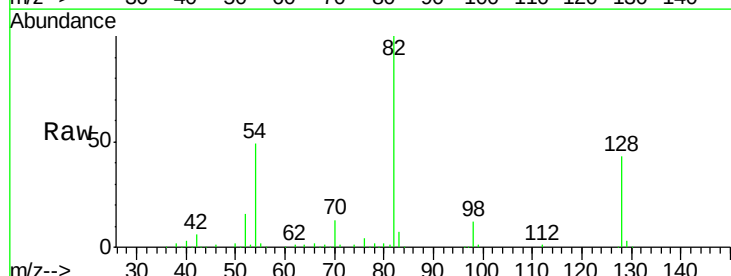


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

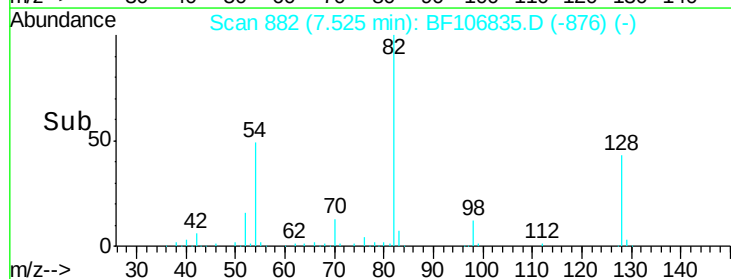
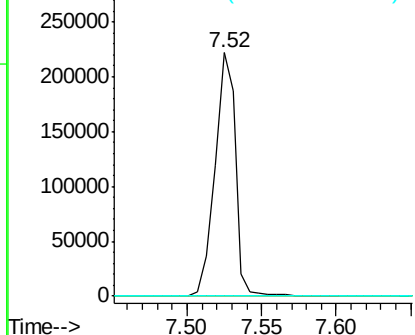


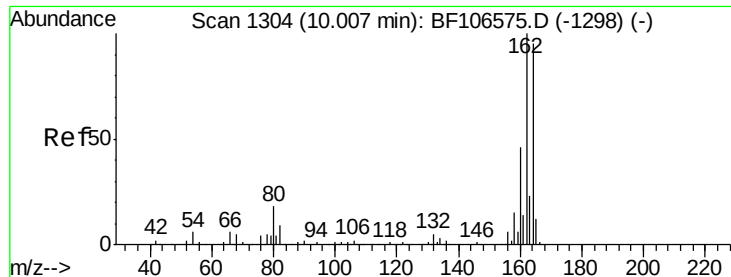
#25
Isophorone
Concen: 49.905 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

Tgt 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

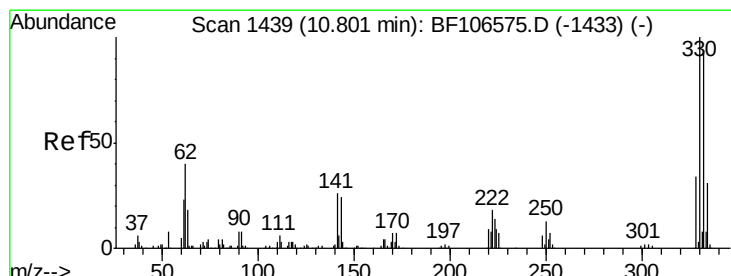
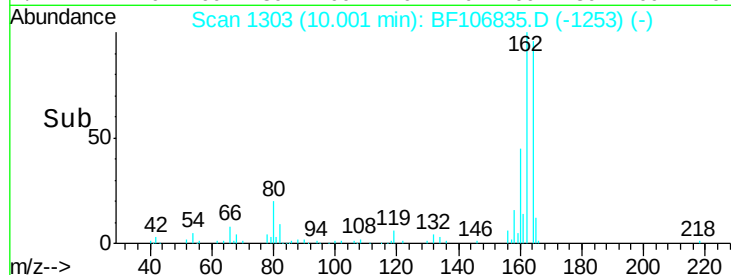
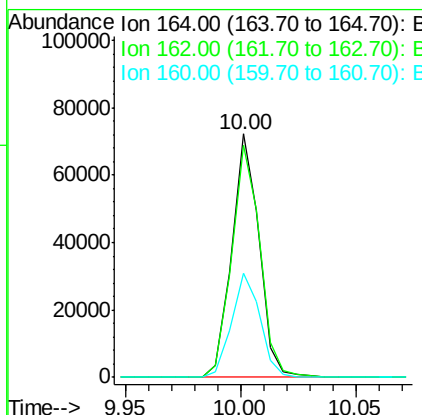
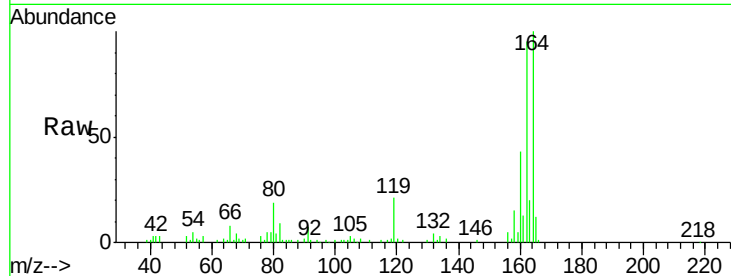




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

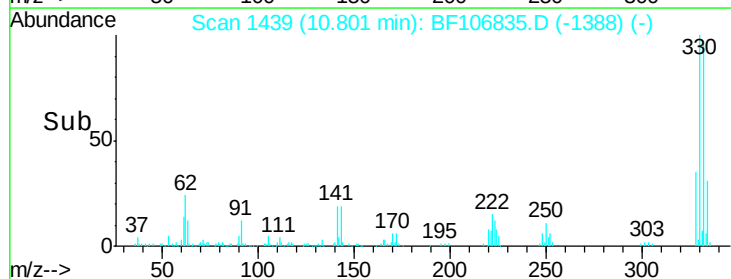
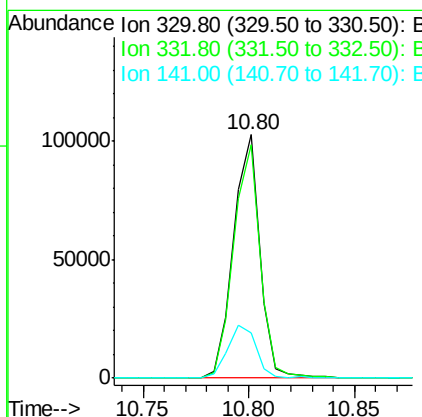
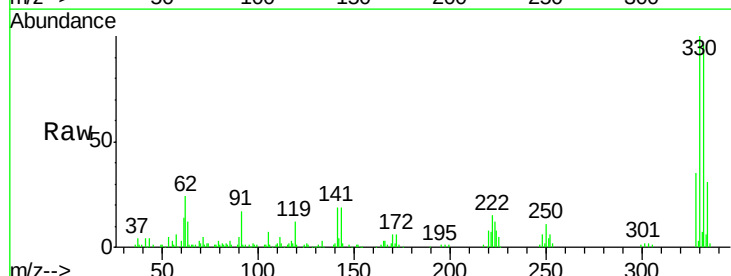
Instrument :
BNA_F
ClientSampleId :
BS-STONE

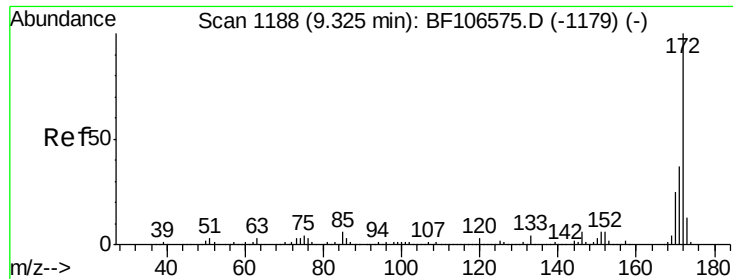
Tgt Ion:164 Resp: 59215
Ion Ratio Lower Upper
164 100
162 95.3 86.1 129.1
160 42.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 128.796 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

Tgt Ion:330 Resp: 88395
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 23.9 29.9 44.9#

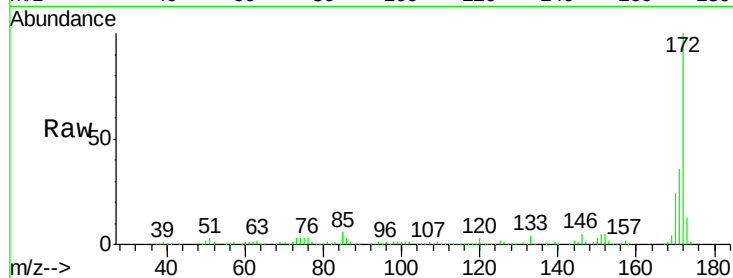




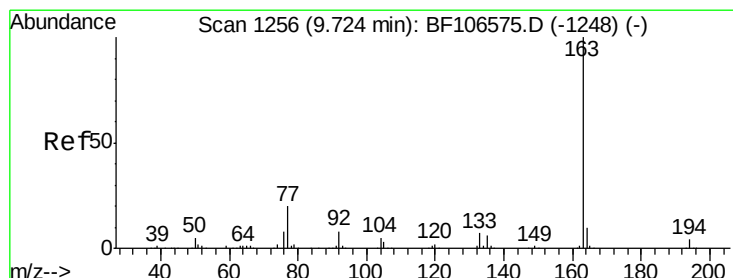
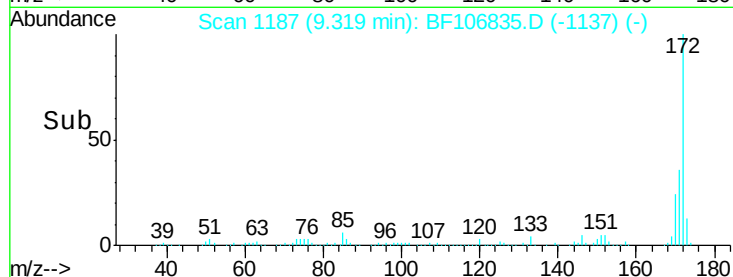
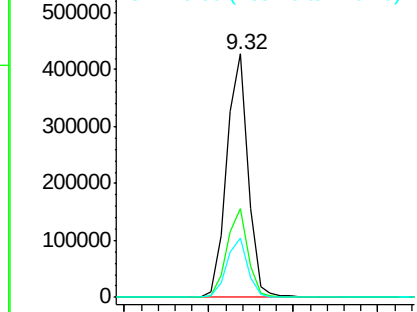
#44
2-Fluorobiphenyl
Concen: 112.645 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

Instrument :
BNA_F
ClientSampleId :
BS-STONE

Tgt Ion:172 Resp: 377295
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.2 19.6 29.4

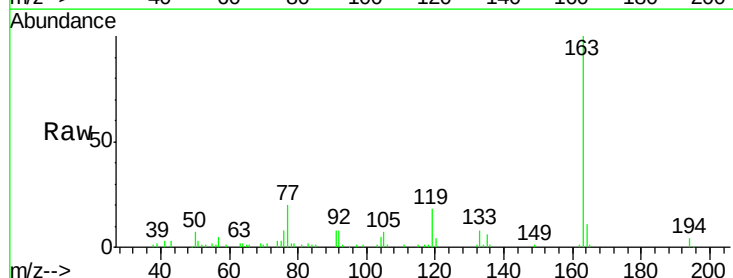


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

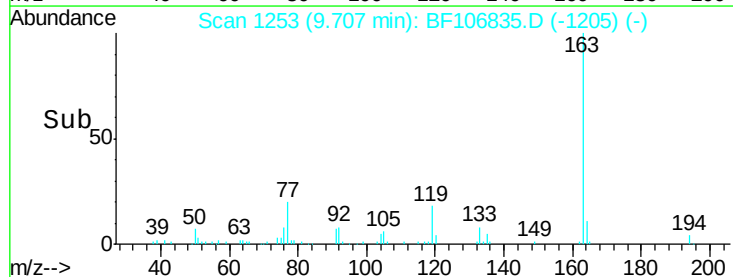
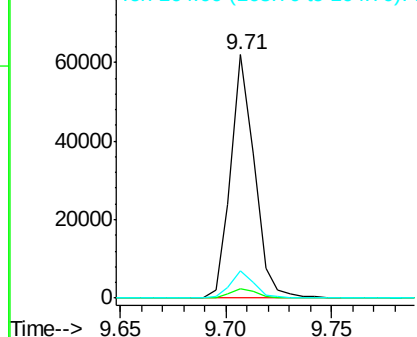


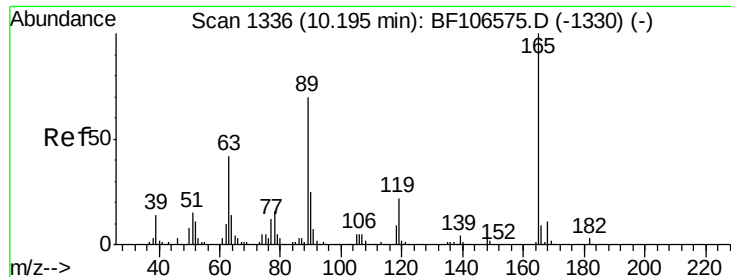
#49
Dimethylphthalate
Concen: 10.824 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

Tgt Ion:163 Resp: 48073
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.0 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

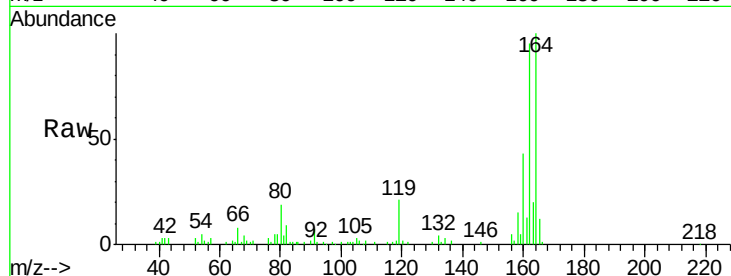




#56
2,4-Dinitrotoluene
Concen: 6.055 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

Instrument :
BNA_F
ClientSampleId :
BS-STONE

Tgt Ion:165 Resp: 7433
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#

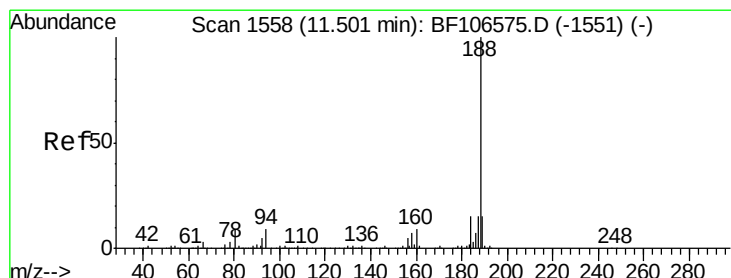
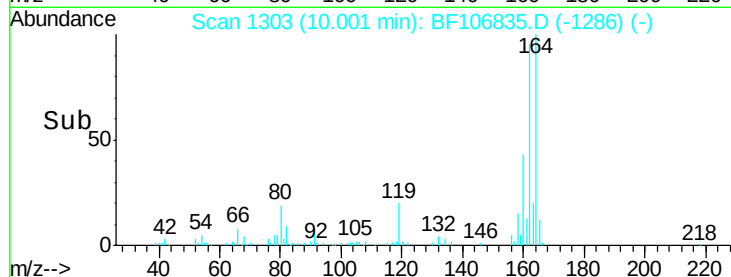
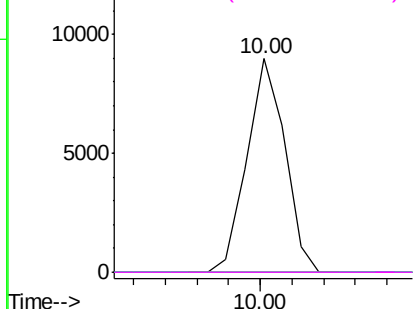


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

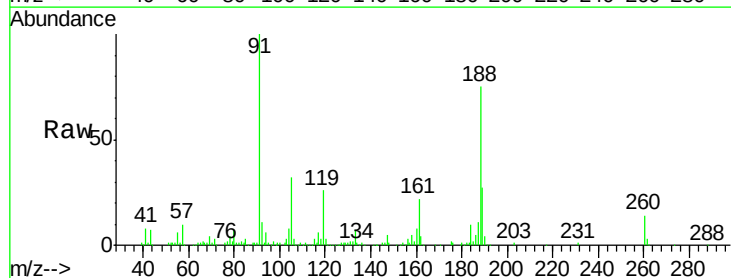
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

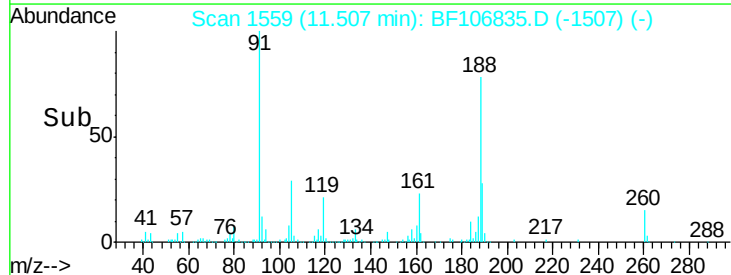
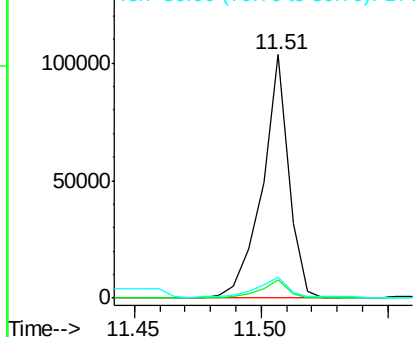
Tgt Ion:188 Resp: 75859
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.7 9.2 13.8#

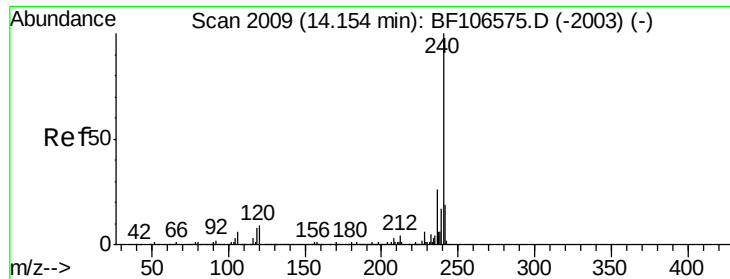


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.04 min

Lab File: BF106835.D

Acq: 26 Jun 2018 20:46

Instrument :

BNA_F

ClientSampled :

BS-STONE

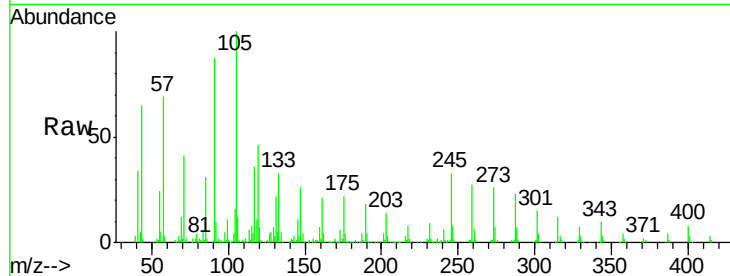
Tgt Ion:240 Resp: 10540

Ion Ratio Lower Upper

240 100

120 100.8 9.5 14.3#

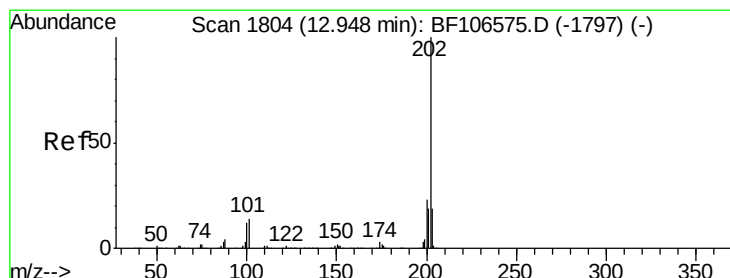
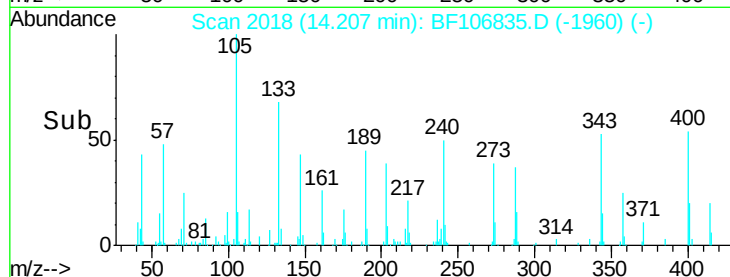
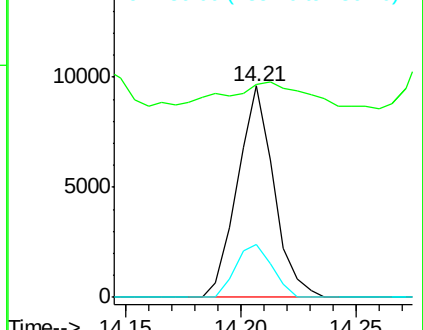
236 25.1 20.7 31.1



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



#77

Pyrene

Concen: 3.000 ng

RT: 12.99 min Scan# 1811

Delta R.T. 0.04 min

Lab File: BF106835.D

Acq: 26 Jun 2018 20:46

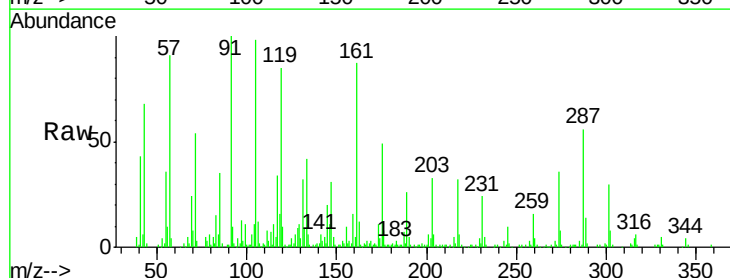
Tgt Ion:202 Resp: 2085

Ion Ratio Lower Upper

202 100

200 19.2 17.4 26.2

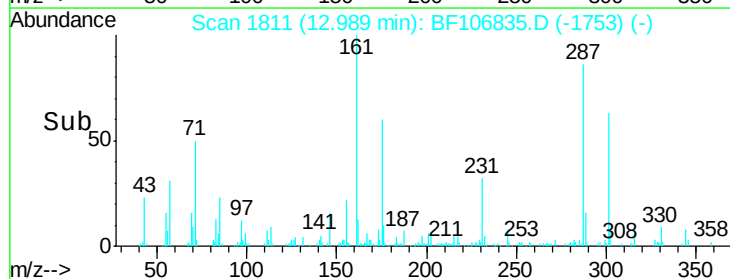
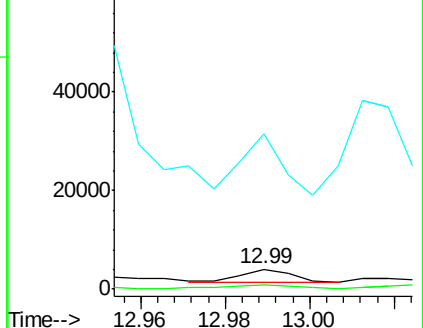
203 787.4 14.3 21.5#

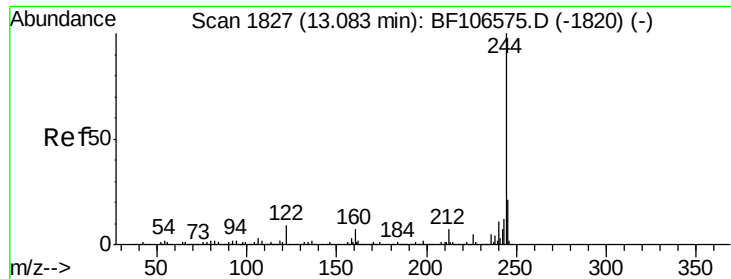


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 424.210 ng

RT: 13.12 min Scan# 1833

Delta R.T. 0.04 min

Lab File: BF106835.D

Acq: 26 Jun 2018 20:46

Instrument :

BNA_F

ClientSampled :

BS-STONE

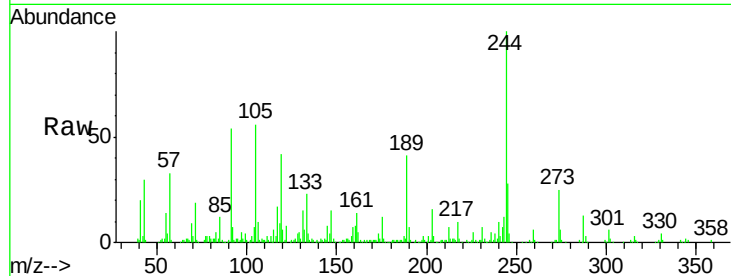
Tgt Ion:244 Resp: 184584

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

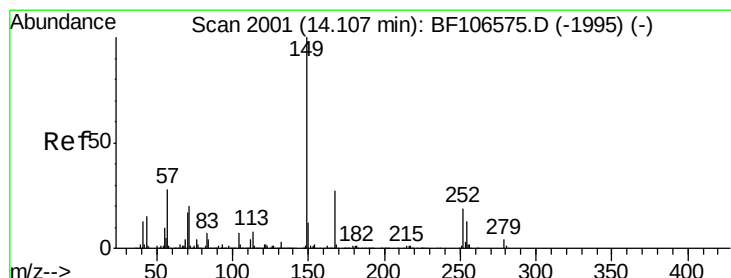
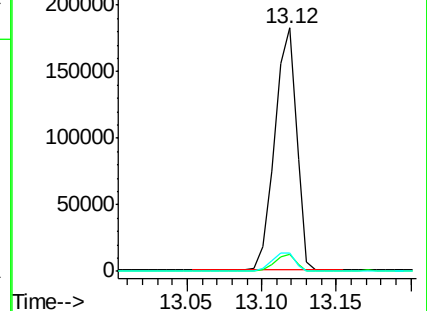
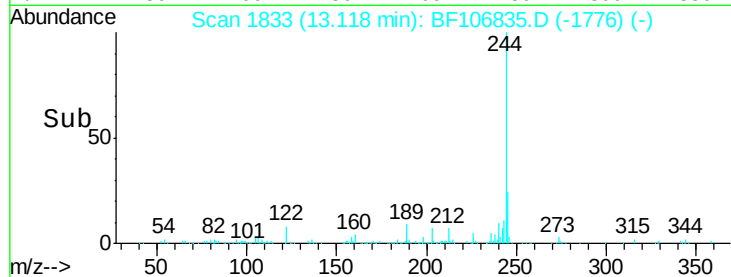
122 7.7 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 96.561 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.05 min

Lab File: BF106835.D

Acq: 26 Jun 2018 20:46

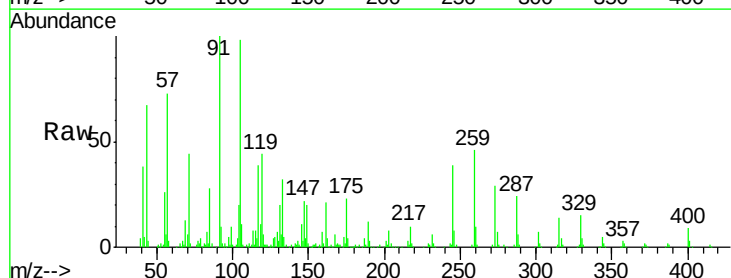
Tgt Ion:149 Resp: 35278

Ion Ratio Lower Upper

149 100

167 31.4 21.3 31.9

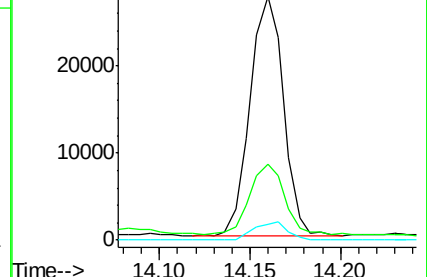
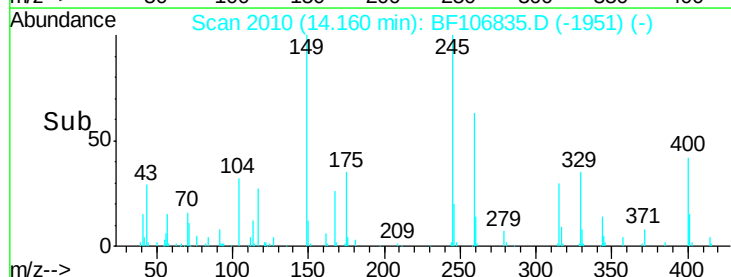
279 6.5 3.0 4.4#

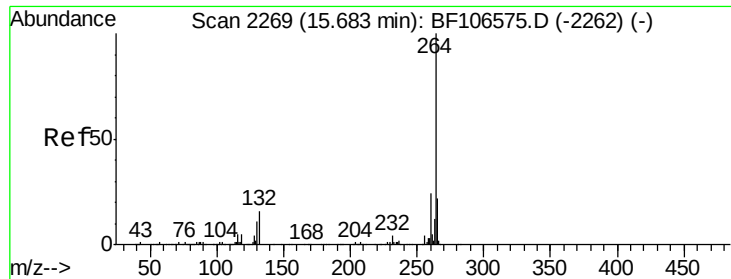


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

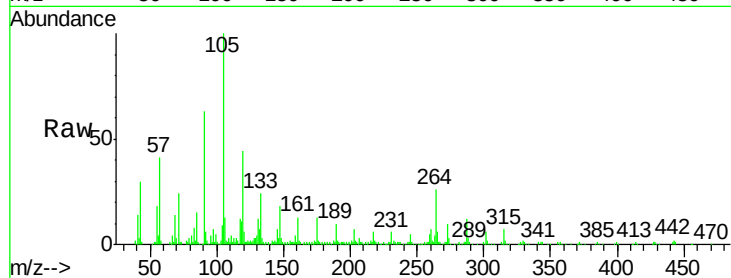




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.83 min Scan# 2294
Delta R.T. 0.11 min
Lab File: BF106835.D
Acq: 26 Jun 2018 20:46

Instrument :
BNA_F
ClientSampleId :
BS-STONE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.7	19.2	28.8
265	22.4	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

