

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106735.D
 Acq On : 23 Jun 2018 3:12
 Operator : JU/SJ
 Sample : J3573-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-COMP

Quant Time: Jun 25 01:20:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

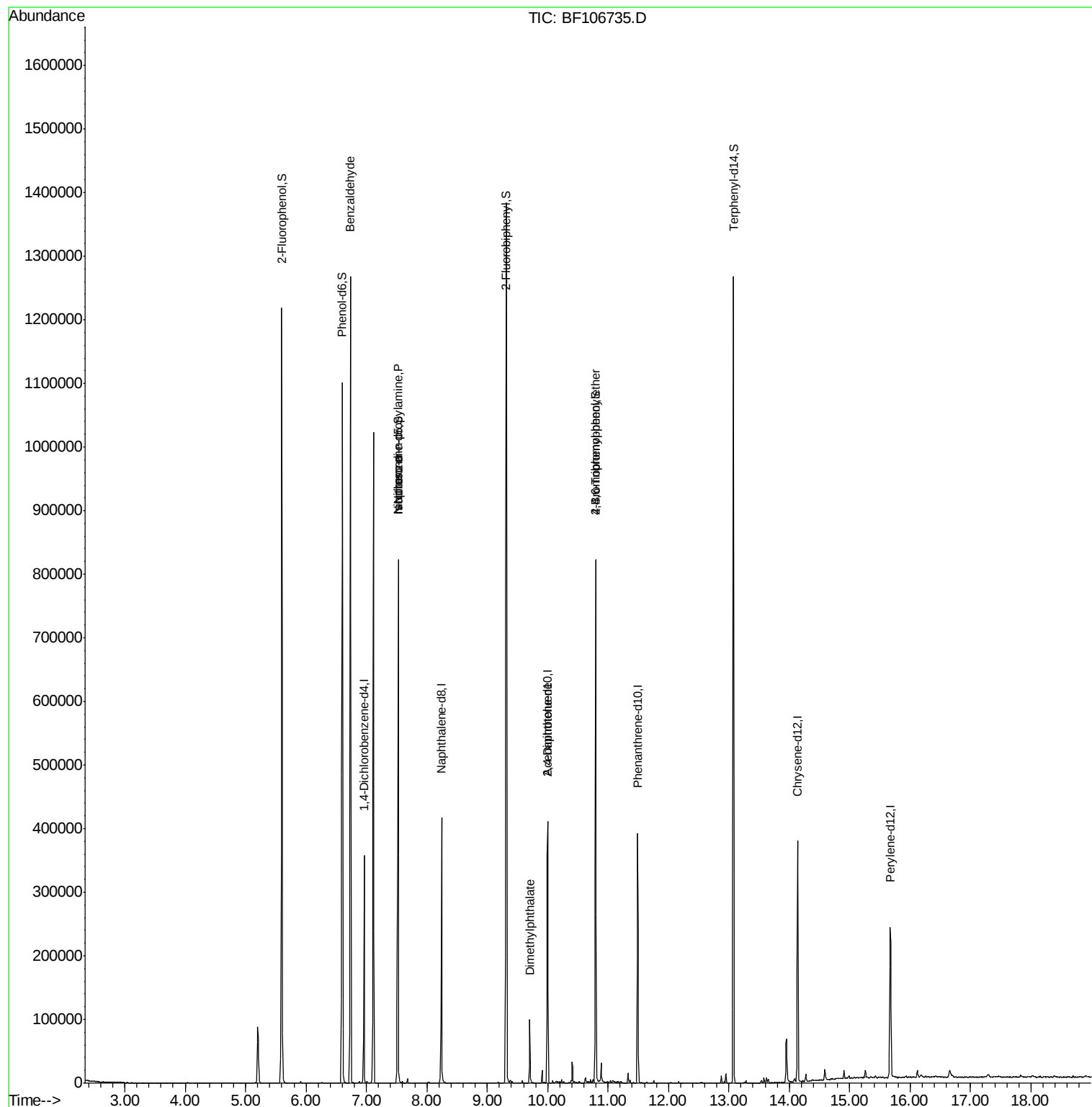
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	51265	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	189485	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	86351	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	143194	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	143964	20.00	ng	-0.02
86) Perylene-d12	15.67	264	127826	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	352085	116.30	ng	0.00
7) Phenol-d6	6.60	99	455230	120.41	ng	0.00
23) Nitrobenzene-d5	7.52	82	292957	85.92	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	126659	126.55	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	504487	101.80	ng	0.00
78) Terphenyl-d14	13.08	244	493807	83.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	8066	2.530	ng	83
19) n-Nitroso-di-n-propylamine	7.52	70	37836	15.182	ng	# 73
25) Isophorone	7.52	82	292996	48.766	ng	# 64
49) Dimethylphthalate	9.71	163	46190	7.132	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	10949	6.117	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	8011	4.688	ng	# 1

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

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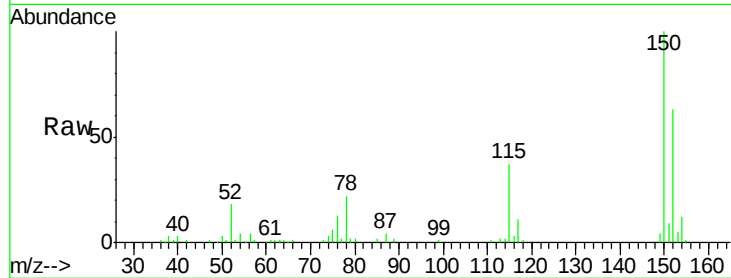


#1

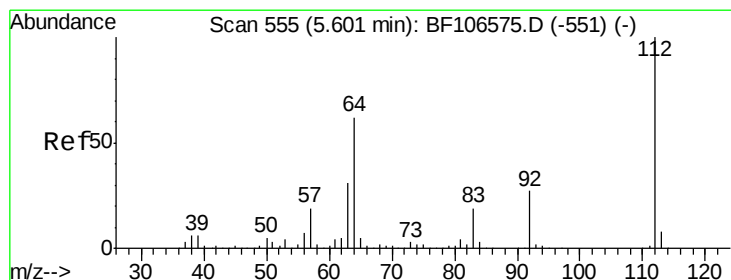
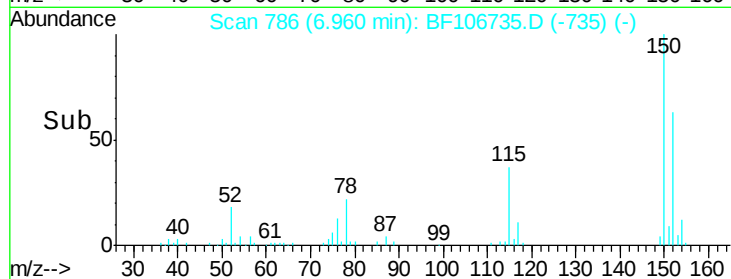
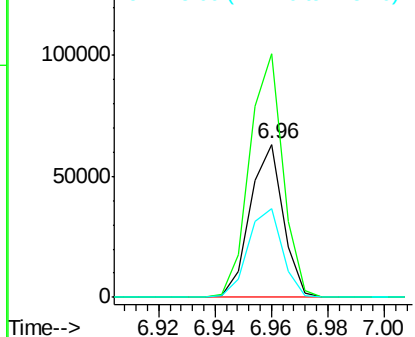
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106735.D
Acq: 23 Jun 2018 3:12

Instrument :
BNA_F
ClientSampleId :
SB-52-COMP

Tgt Ion:152 Resp: 51265
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 58.3 50.1 75.1



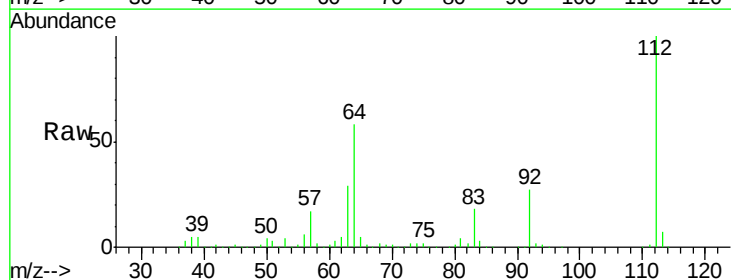
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



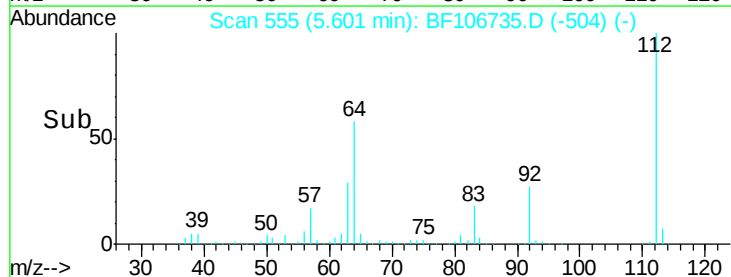
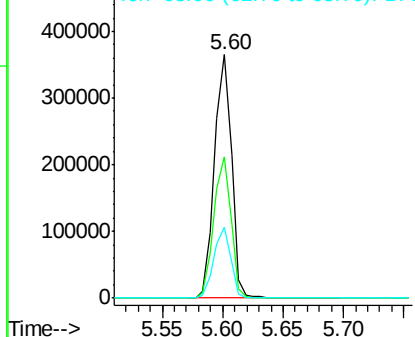
#5

2-Fluorophenol
Concen: 116.296 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106735.D
Acq: 23 Jun 2018 3:12

Tgt Ion:112 Resp: 352085
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 28.9 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: 120.407 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106735.D

Acq: 23 Jun 2018 3:12

Instrument :

BNA_F

ClientSampleId :

SB-52-COMP

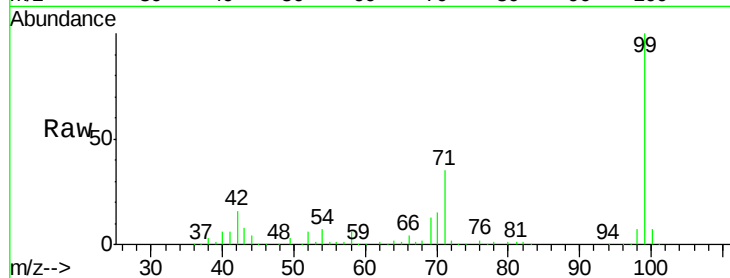
Tgt Ion: 99 Resp: 455230

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

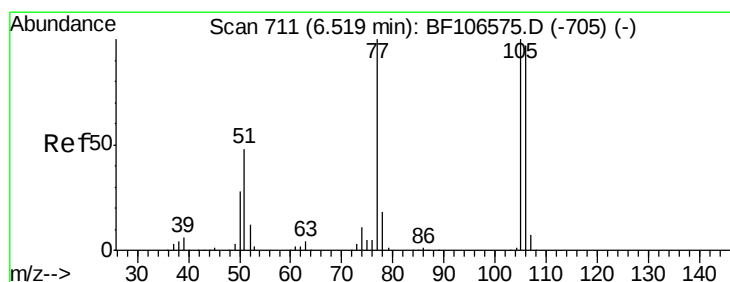
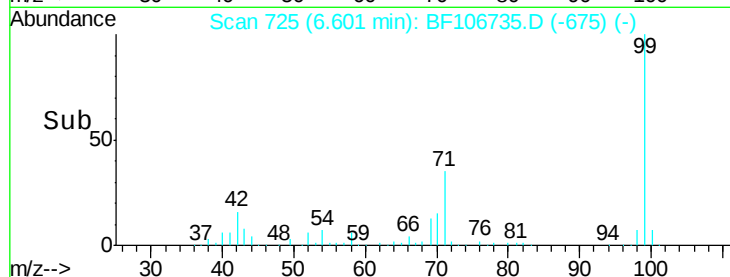
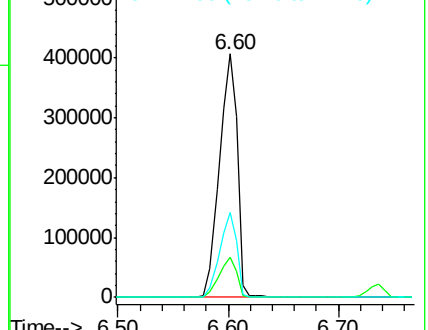
71 34.7 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.530 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106735.D

Acq: 23 Jun 2018 3:12

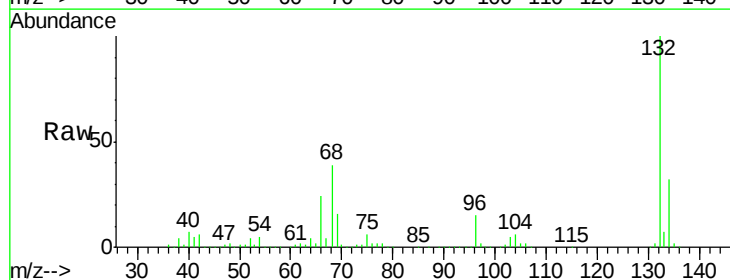
Tgt Ion: 77 Resp: 8066

Ion Ratio Lower Upper

77 100

105 82.5 81.1 121.1

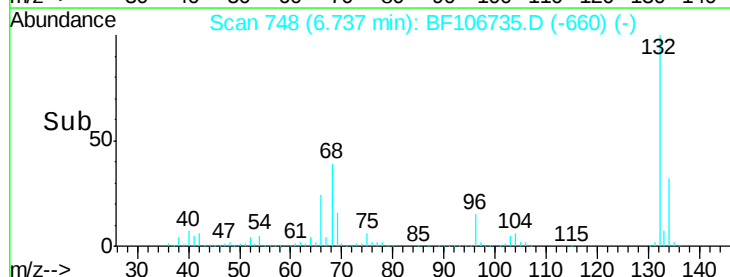
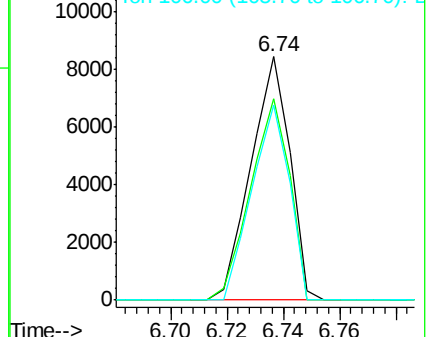
106 79.9 74.5 114.5

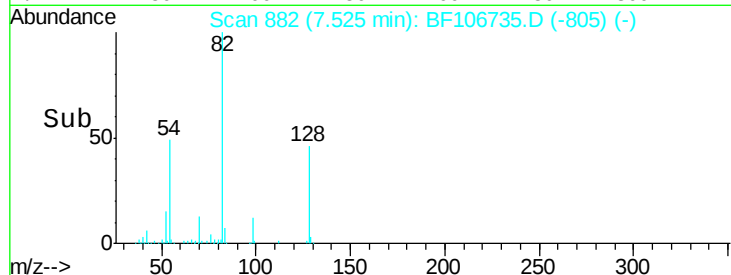
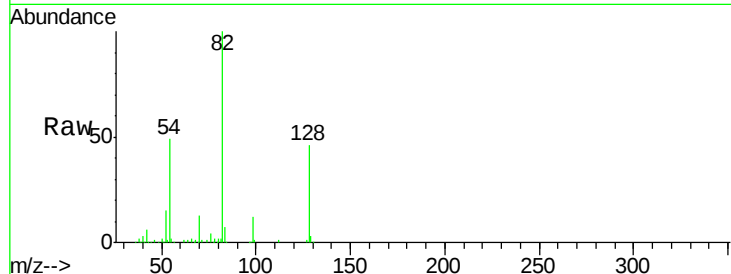


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

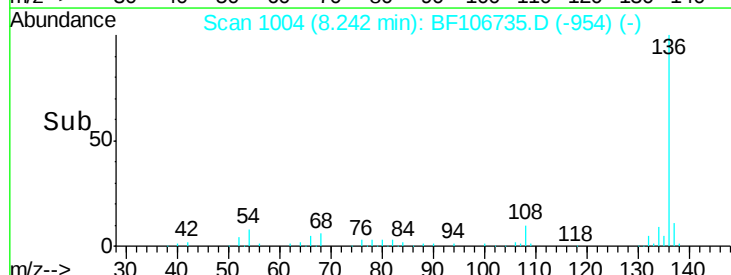
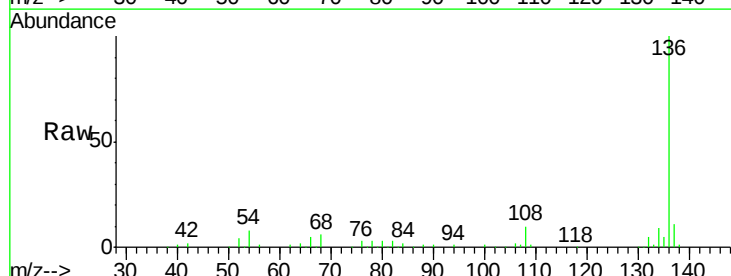
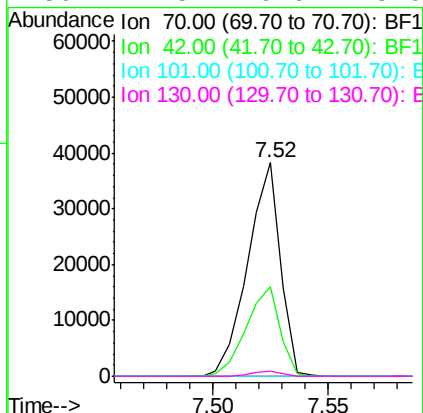




#19
n-Nitroso-di-n-propylamine
Concen: 15.182 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106735.D
Acq: 23 Jun 2018 3:12

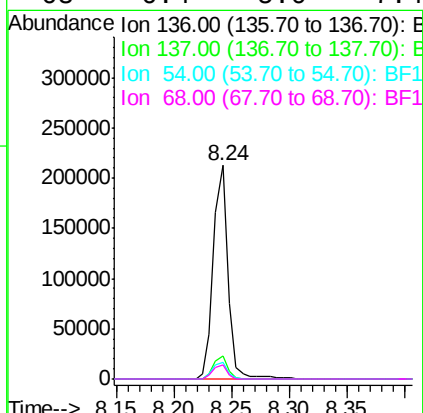
Instrument :
BNA_F
ClientSampleId :
SB-52-COMP

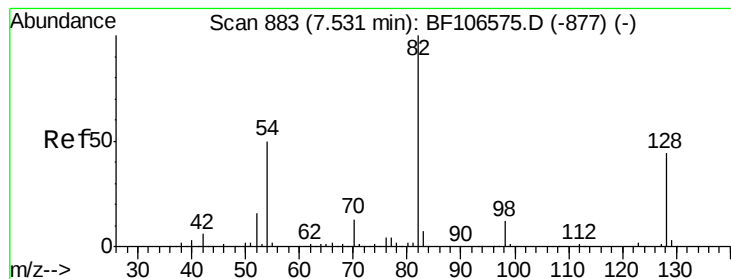
Tgt Ion:	70	Resp:	37836
Ion	Ratio	Lower	Upper
70	100		
42	42.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106735.D
Acq: 23 Jun 2018 3:12

Tgt Ion:	136	Resp:	189485
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	6.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 85.921 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106735.D

Acq: 23 Jun 2018 3:12

Instrument :

BNA_F

ClientSampleId :

SB-52-COMP

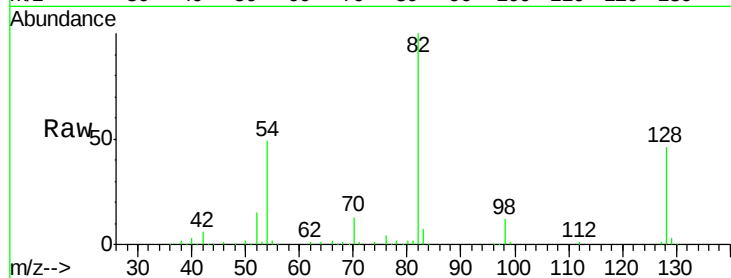
Tgt Ion: 82 Resp: 292957

Ion Ratio Lower Upper

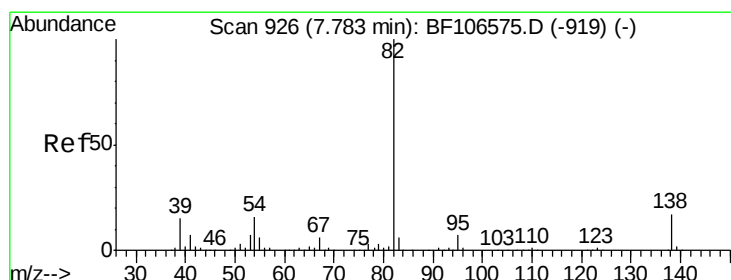
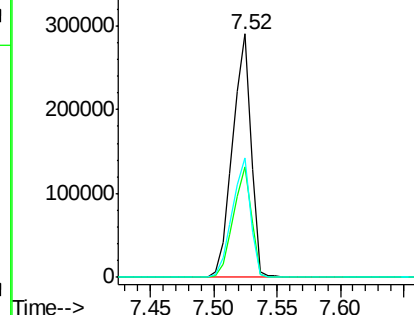
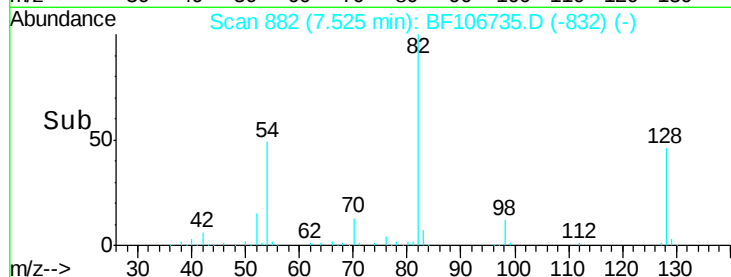
82 100

128 45.5 36.1 54.1

54 49.1 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: 48.766 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106735.D

Acq: 23 Jun 2018 3:12

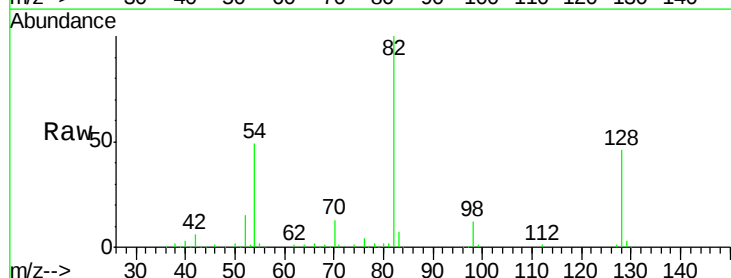
Tgt Ion: 82 Resp: 292996

Ion Ratio Lower Upper

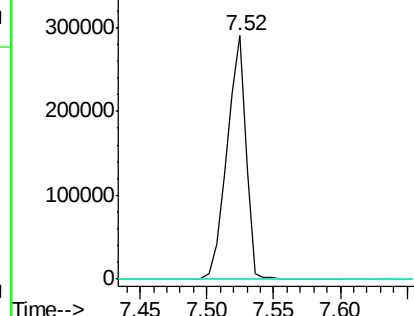
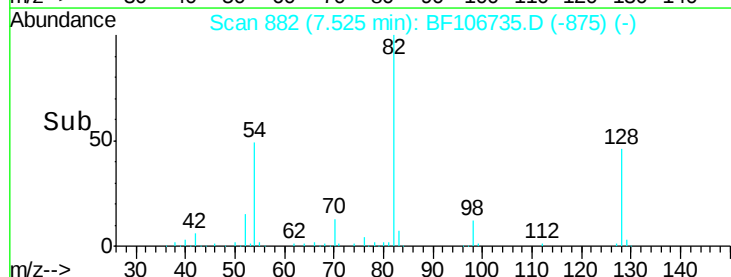
82 100

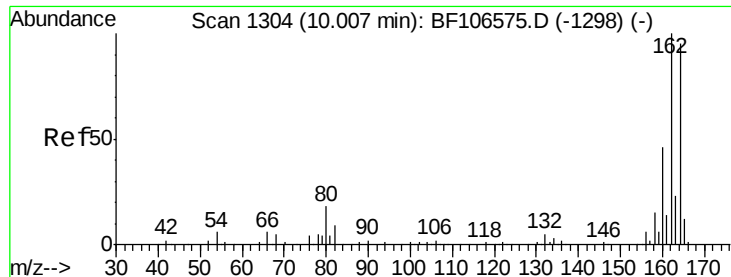
95 0.0 5.2 7.8#

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: BF106735.D

Acq: 23 Jun 2018 3:12

Instrument :

BNA_F

ClientSampleId :

SB-52-COMP

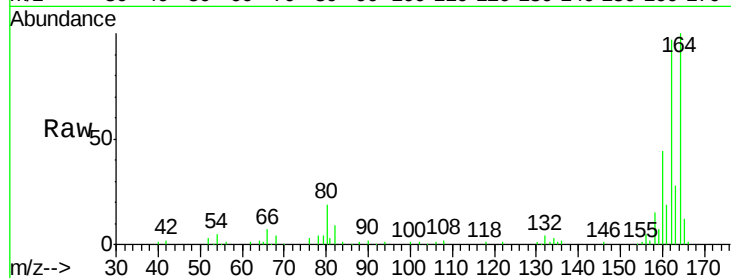
Tgt Ion:164 Resp: 86351

Ion Ratio Lower Upper

164 100

162 97.3 86.1 129.1

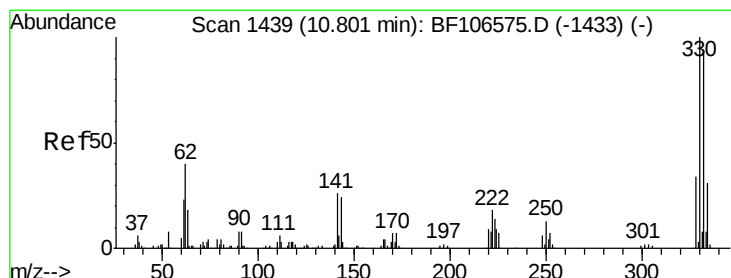
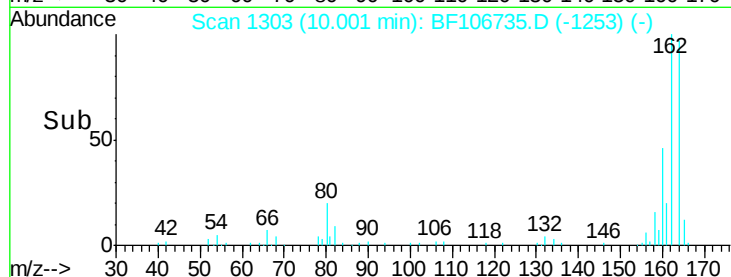
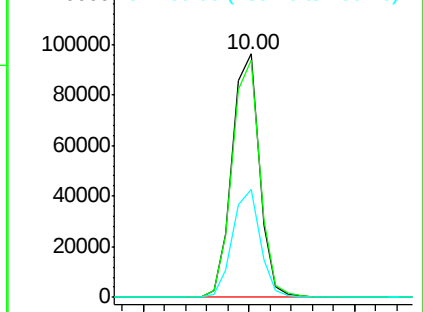
160 44.5 38.3 57.5



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: 126.554 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106735.D

Acq: 23 Jun 2018 3:12

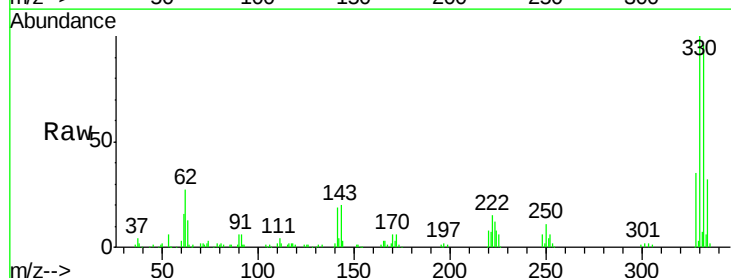
Tgt Ion:330 Resp: 126659

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

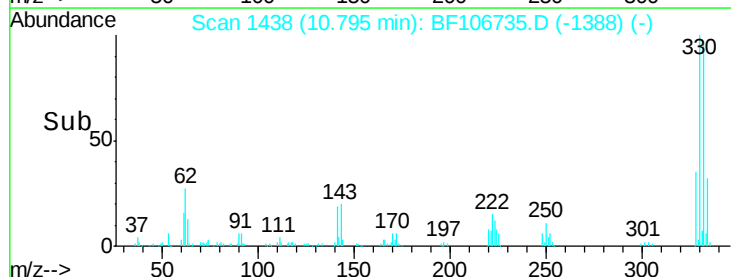
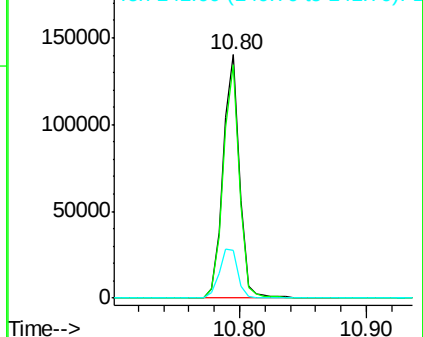
141 23.0 29.9 44.9#



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

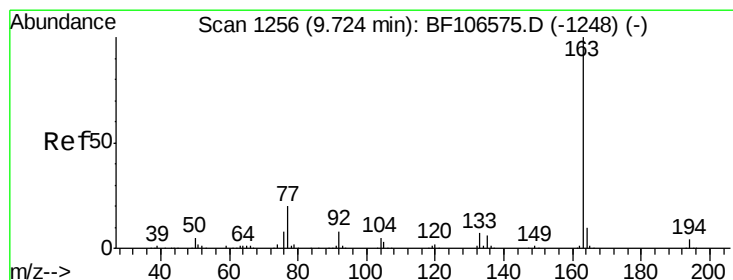
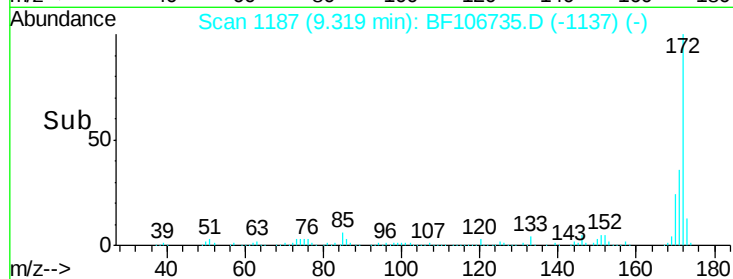
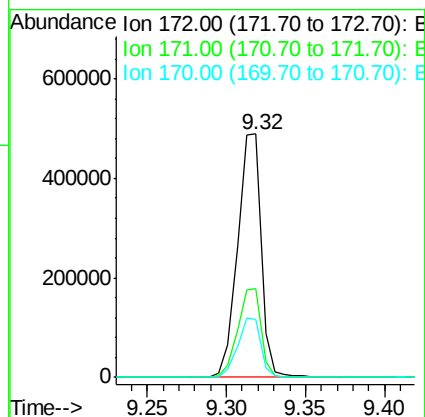
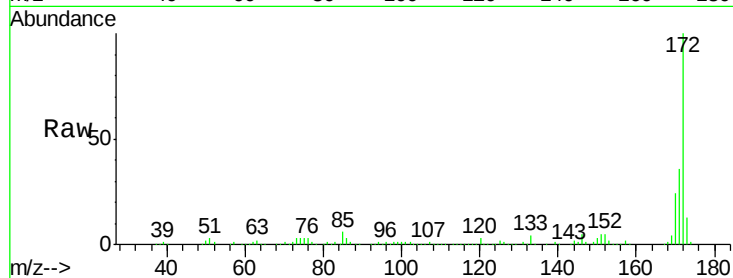




#44
2-Fluorobiphenyl
Concen: 101.804 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106735.D
Acq: 23 Jun 2018 3:12

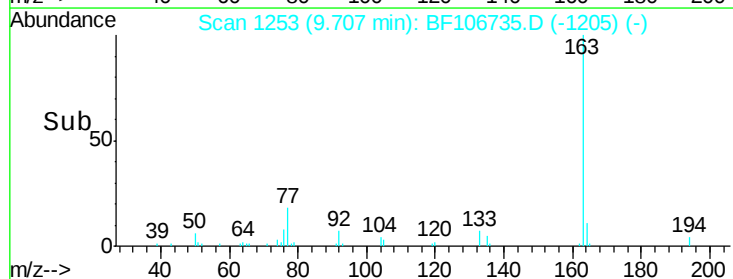
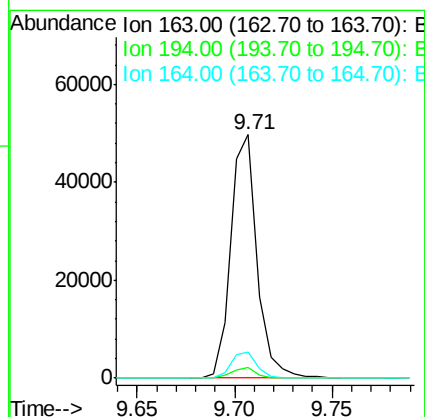
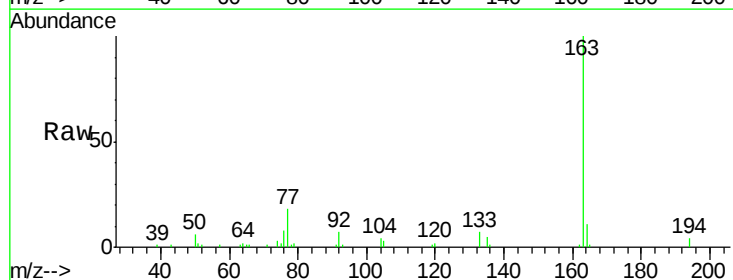
Instrument :
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Tgt Ion:172 Resp: 504487
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 7.132 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106735.D
Acq: 23 Jun 2018 3:12

Tgt Ion:163 Resp: 46190
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.9 8.2 12.2

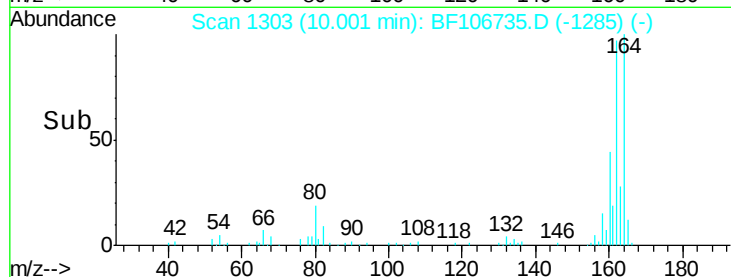
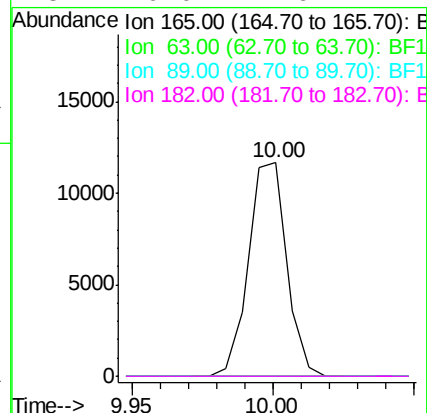
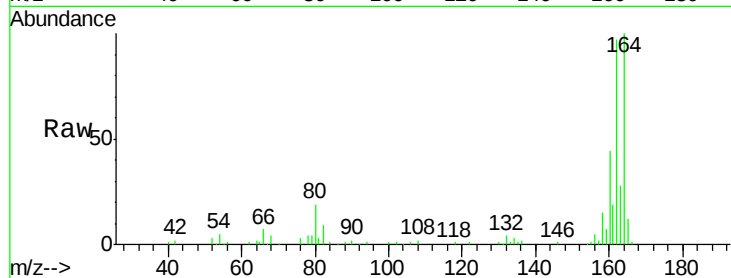




#56
2,4-Dinitrotoluene
Concen: 6.117 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106735.D
Acq: 23 Jun 2018 3:12

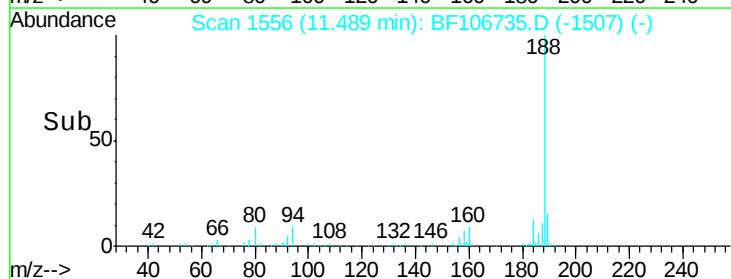
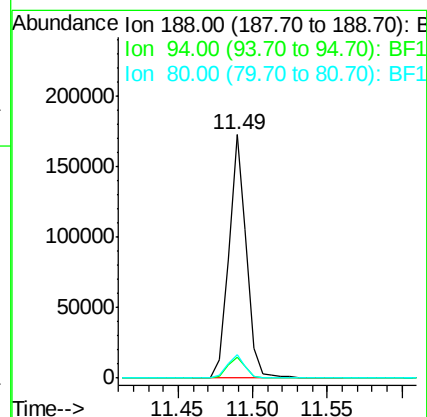
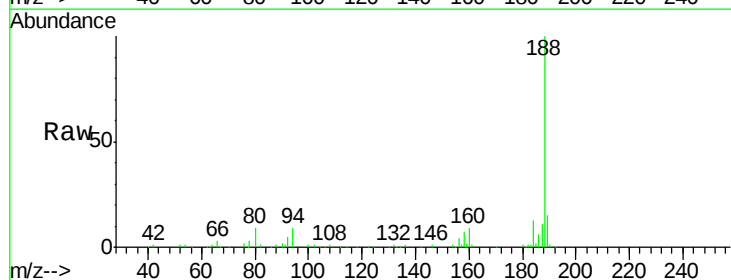
Instrument :
BNA_F
ClientSampleId :
SB-52-COMP

Tgt 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#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106735.D
Acq: 23 Jun 2018 3:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.4	9.2	13.8

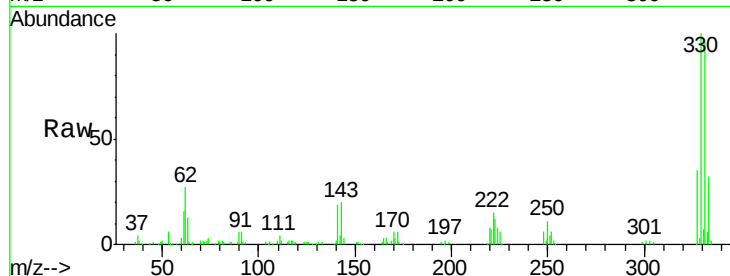




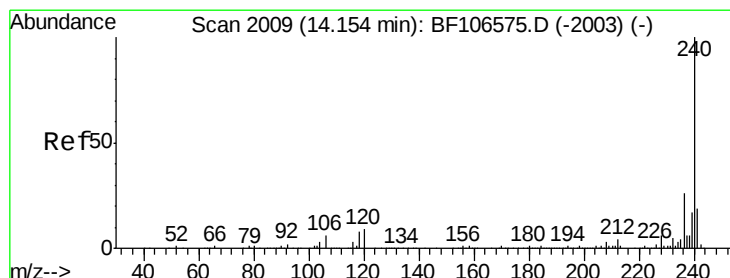
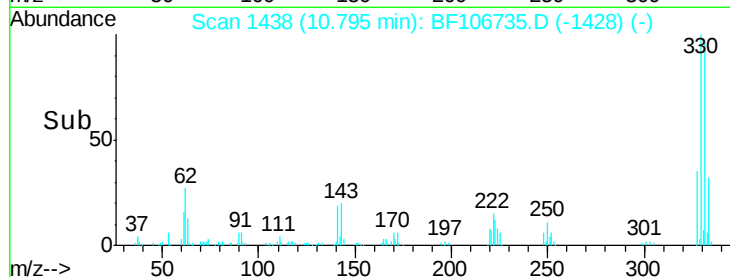
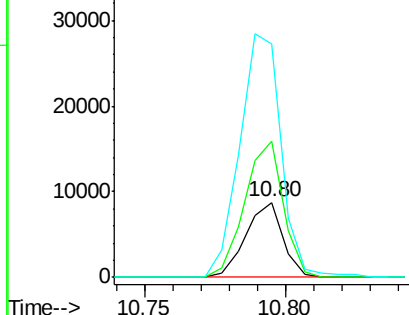
#66
4-Bromophenyl-phenylether
Concen: 4.688 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106735.D
Acq: 23 Jun 2018 3:12

Instrument :
BNA_F
ClientSampleId :
SB-52-COMP

Tgt Ion:248 Resp: 8011
Ion Ratio Lower Upper
248 100
250 181.8 76.9 115.3#
141 312.6 74.4 111.6#

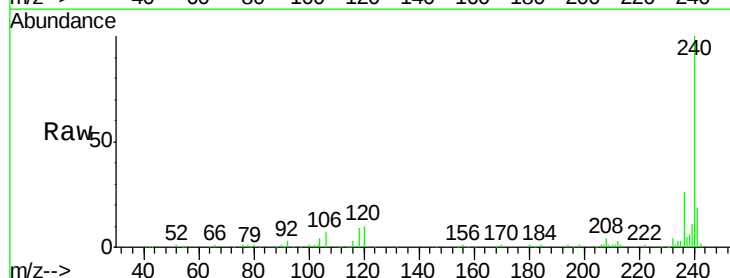


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

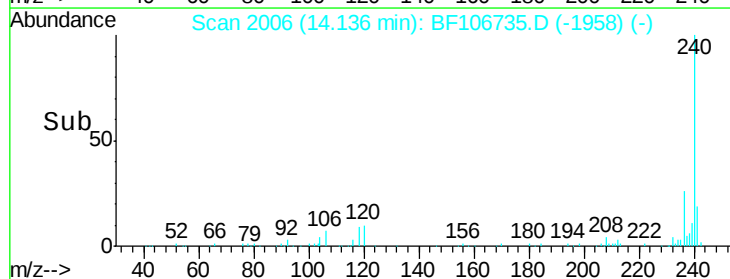
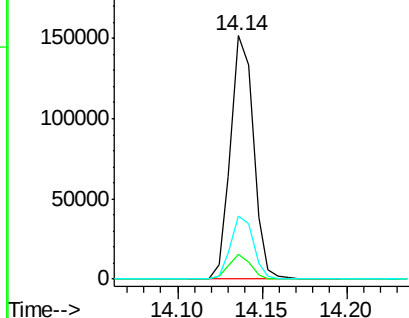


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF106735.D
Acq: 23 Jun 2018 3:12

Tgt Ion:240 Resp: 143964
Ion Ratio Lower Upper
240 100
120 10.0 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

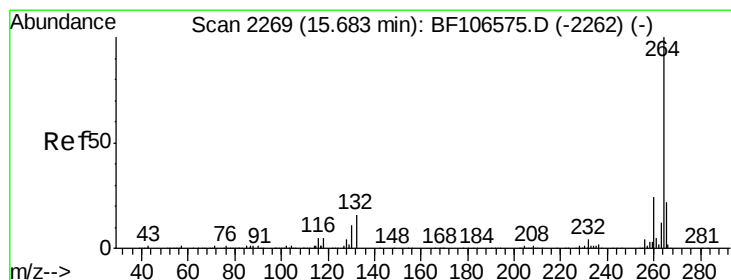
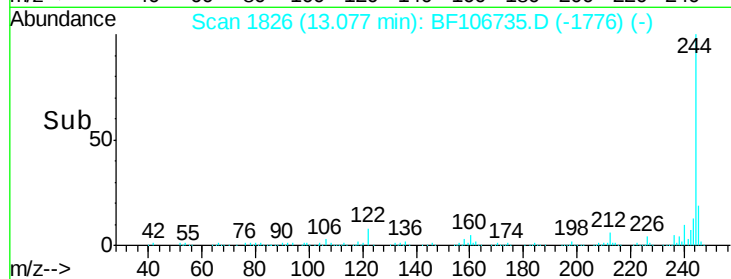
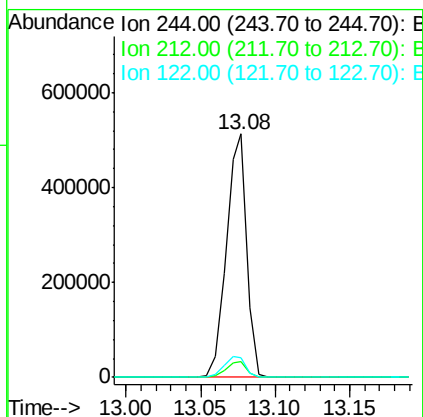
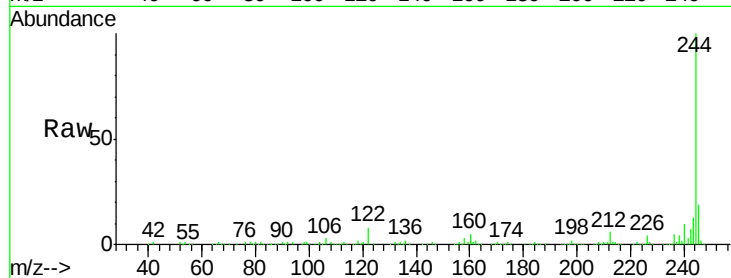




#78
 Terphenyl-d14
 Concen: 83.087 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106735.D
 Acq: 23 Jun 2018 3:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-COMP

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.1	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF106735.D
 Acq: 23 Jun 2018 3:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.9	17.5	26.3

