

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106731.D
 Acq On : 23 Jun 2018 1:26
 Operator : JU/SJ
 Sample : J3573-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-54-COMP

Quant Time: Jun 23 03:18:09 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

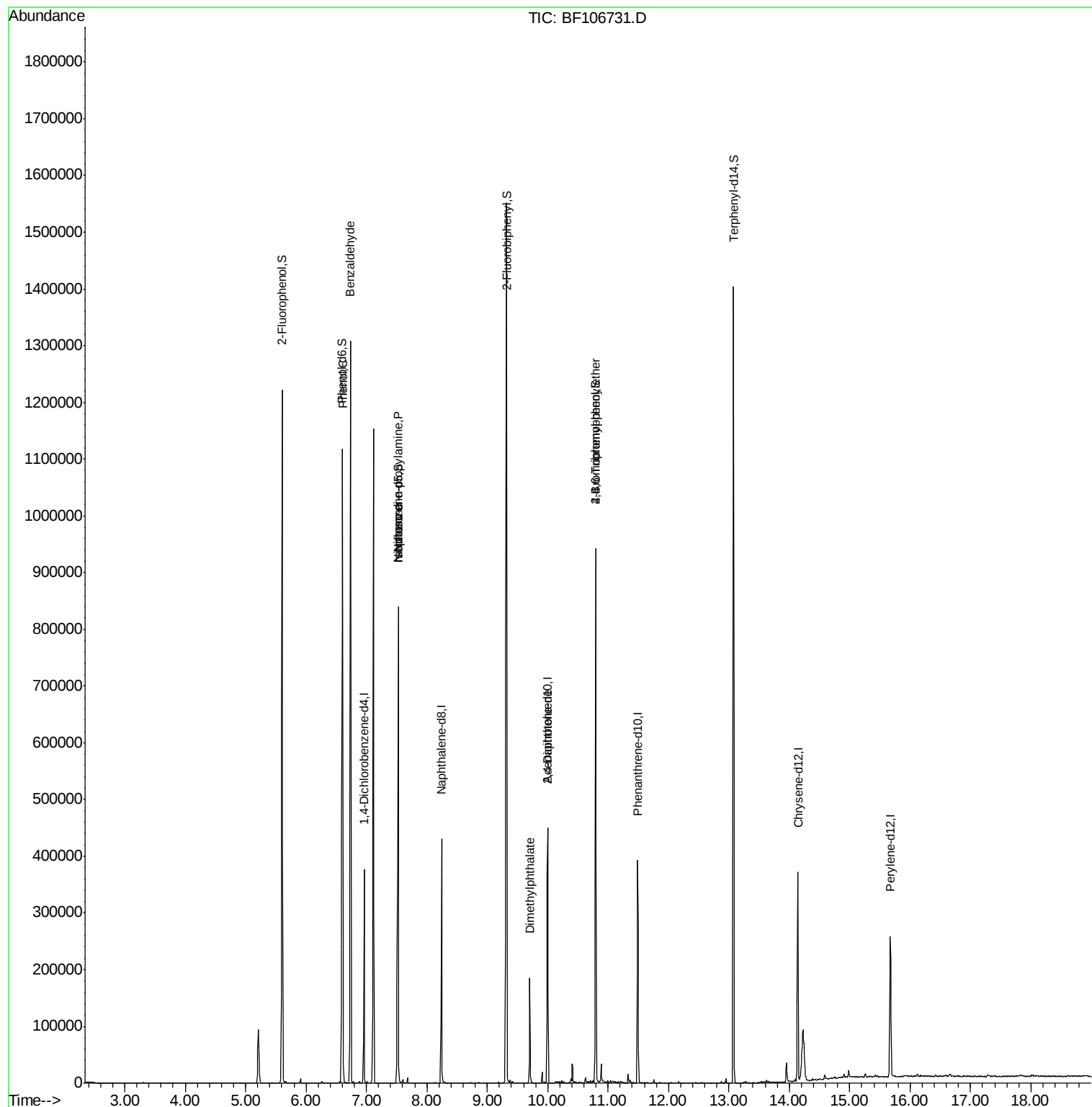
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	54019	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	199140	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	92107	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	151197	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	143738	20.00	ng	-0.01
86) Perylene-d12	15.67	264	129184	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	396345	124.24	ng	0.00
7) Phenol-d6	6.60	99	504101	126.54	ng	0.00
23) Nitrobenzene-d5	7.52	82	332270	92.73	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	142405	133.39	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	567587	108.36	ng	0.00
78) Terphenyl-d14	13.08	244	521070	87.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	9079	2.699	ng	Qvalue 84
10) Phenol	6.61	94	9890	2.175	ng	77
19) n-Nitroso-di-n-propylamine	7.52	70	43134	16.426	ng	# 72
25) Isophorone	7.52	82	332264	52.620	ng	# 64
49) Dimethylphthalate	9.71	163	77851	11.269	ng	98
56) 2,4-Dinitrotoluene	10.00	165	11583	6.066	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	8625	4.780	ng	# 1

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

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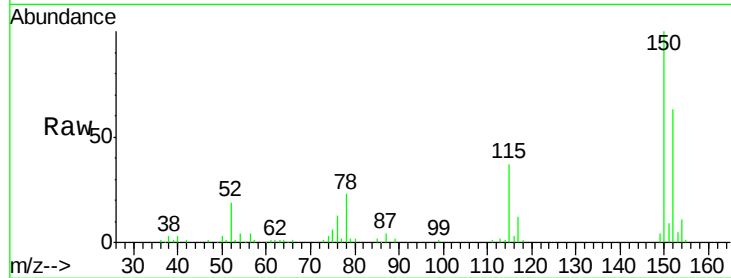


#1

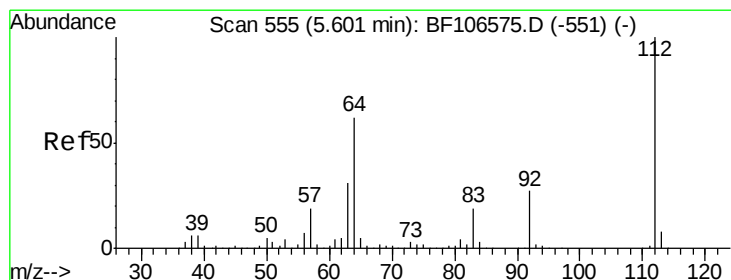
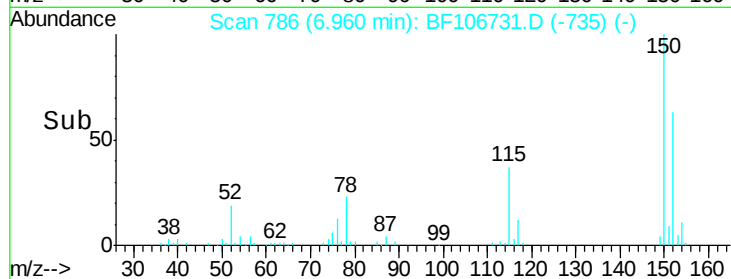
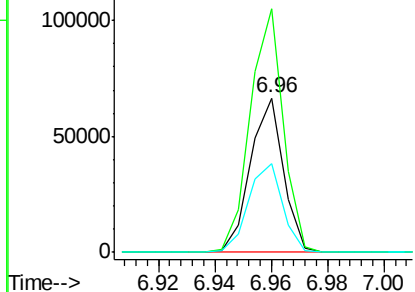
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106731.D
Acq: 23 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SB-54-COMP

Tgt Ion:152 Resp: 54019
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 57.6 50.1 75.1



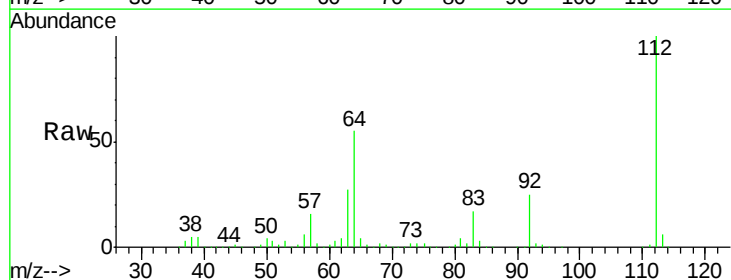
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



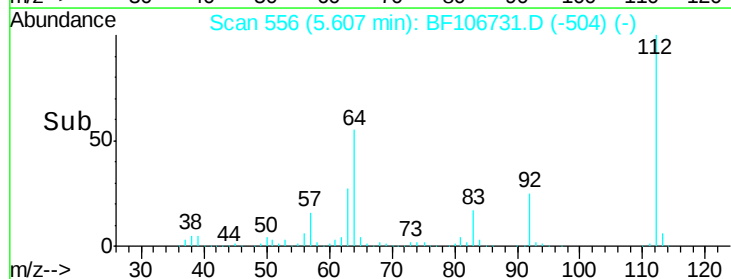
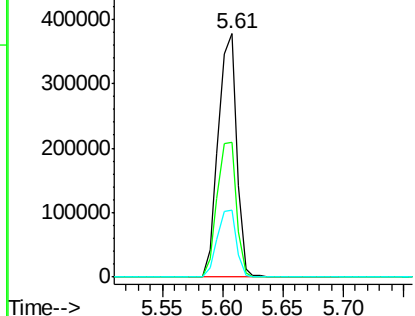
#5

2-Fluorophenol
Concen: 124.241 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106731.D
Acq: 23 Jun 2018 1:26

Tgt Ion:112 Resp: 396345
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 27.3 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: 126.536 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106731.D

Acq: 23 Jun 2018 1:26

Instrument :

BNA_F

ClientSampled :

SB-54-COMP

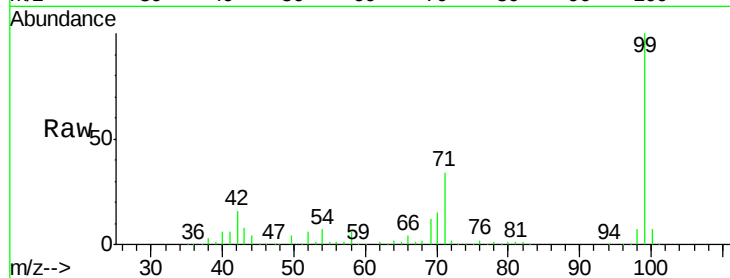
Tgt Ion: 99 Resp: 504101

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 34.1 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

500000

400000

300000

200000

100000

0

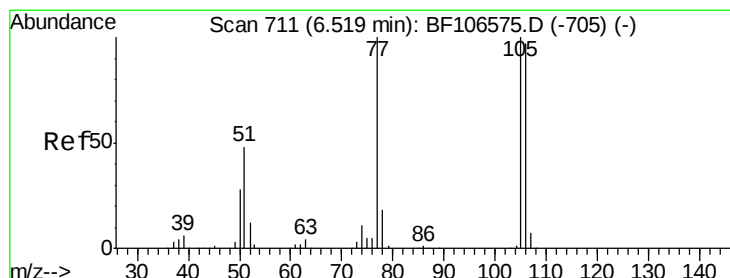
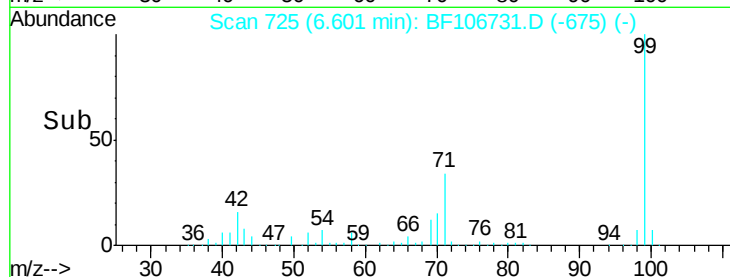
6.60

6.50

6.60

6.70

Time-->



#9

Benzaldehyde

Concen: 2.699 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106731.D

Acq: 23 Jun 2018 1:26

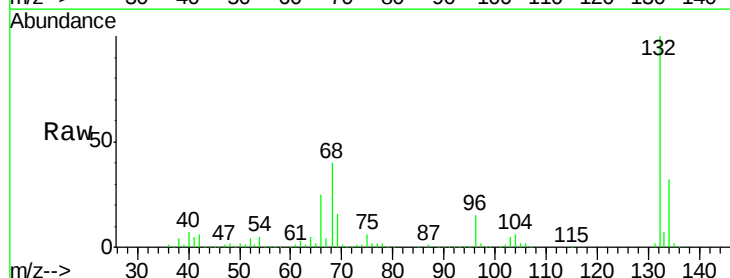
Tgt Ion: 77 Resp: 9079

Ion Ratio Lower Upper

77 100

105 83.8 81.1 121.1

106 80.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

12000

10000

8000

6000

4000

2000

0

6.74

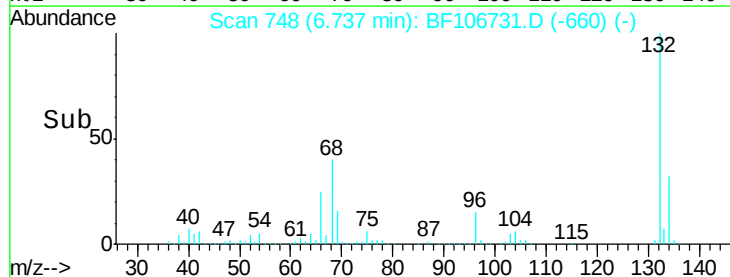
6.70

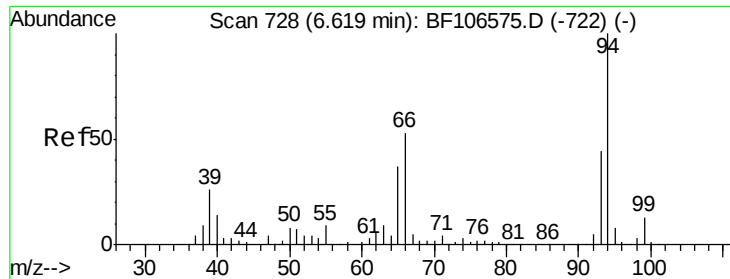
6.72

6.74

6.76

Time-->





#10

Phenol

Concen: 2.175 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106731.D

Acq: 23 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

SB-54-COMP

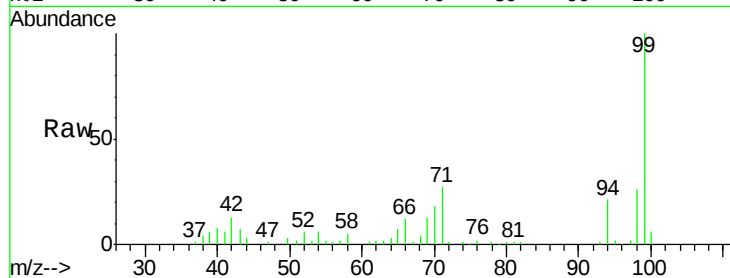
Tgt Ion: 94 Resp: 9890

Ion Ratio Lower Upper

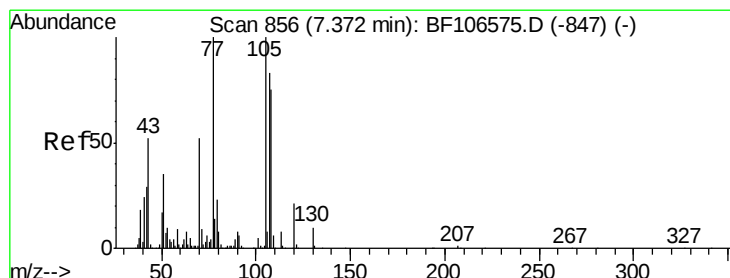
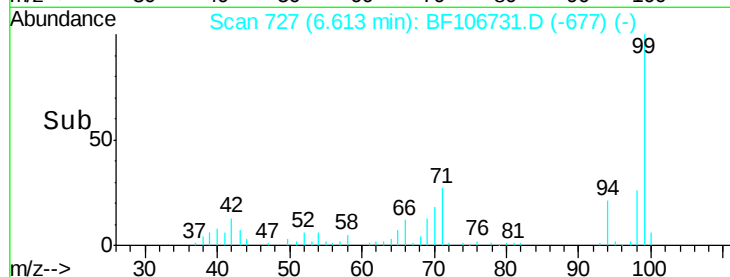
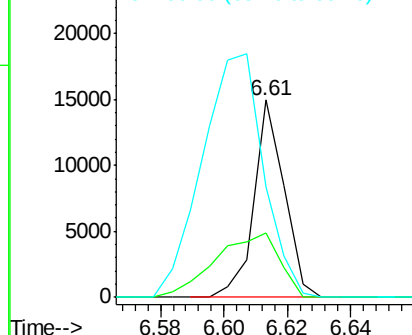
94 100

65 33.0 7.9 47.9

66 55.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.426 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106731.D

Acq: 23 Jun 2018 1:26

Tgt Ion: 70 Resp: 43134

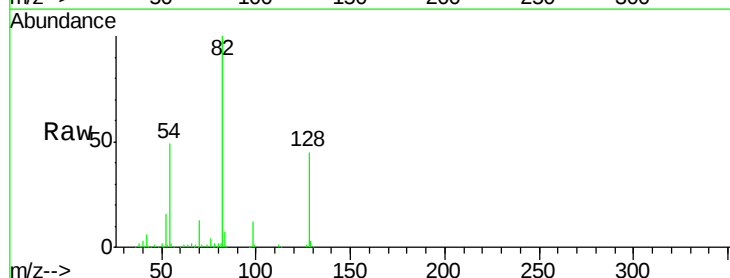
Ion Ratio Lower Upper

70 100

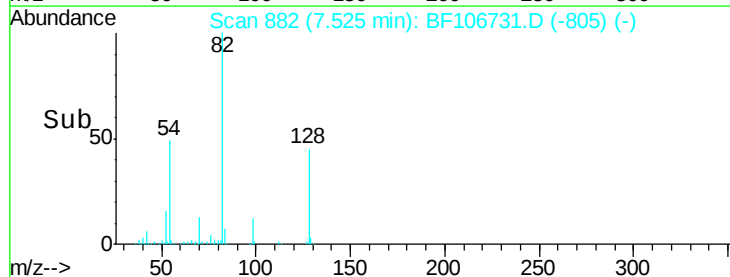
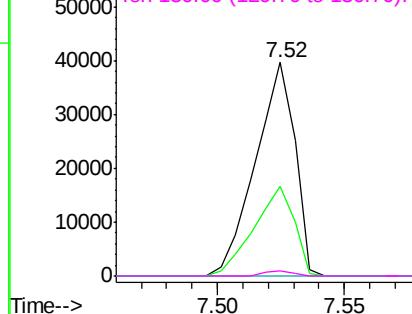
42 41.7 47.5 71.3#

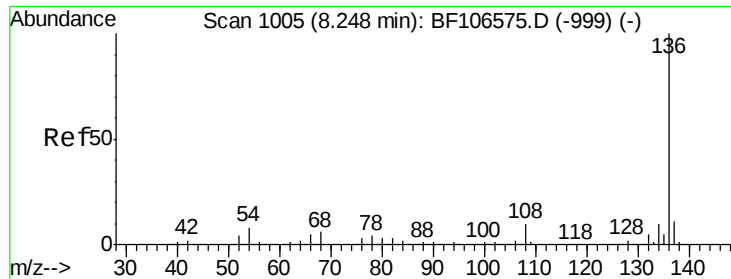
101 0.0 7.4 11.2#

130 2.2 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

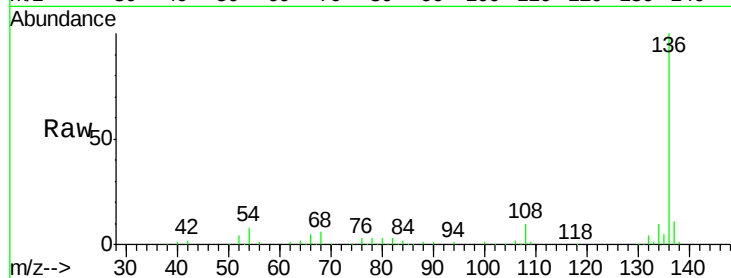




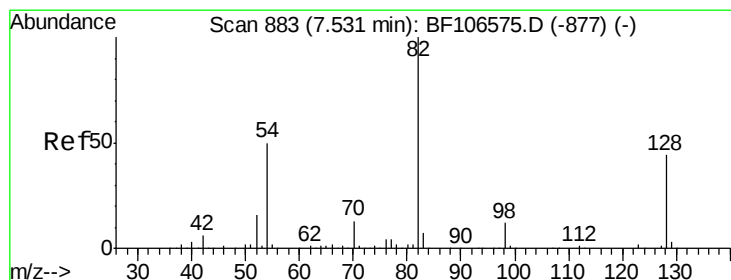
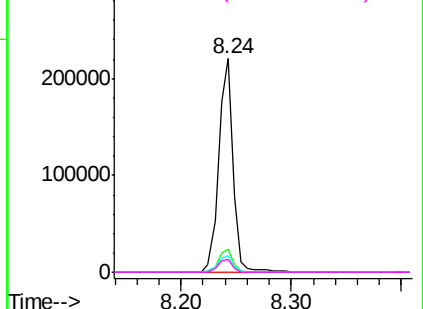
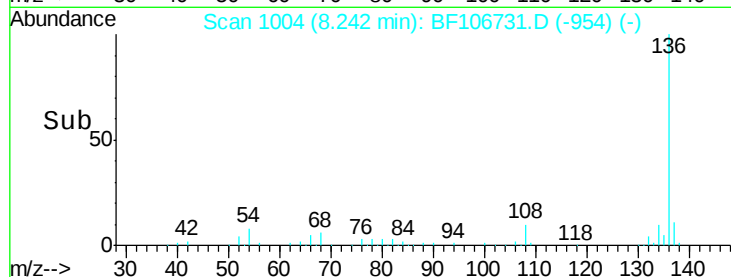
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106731.D
Acq: 23 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SB-54-COMP

Tgt Ion:	136	Resp:	199140
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	6.1	5.0	7.4

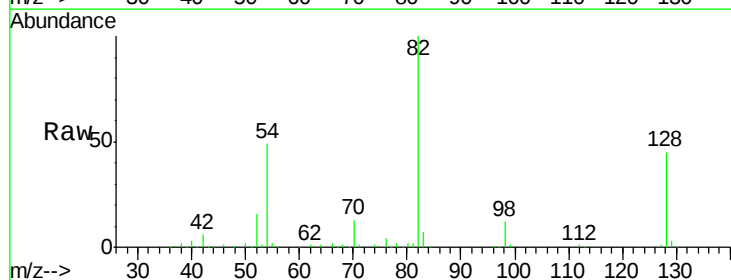


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

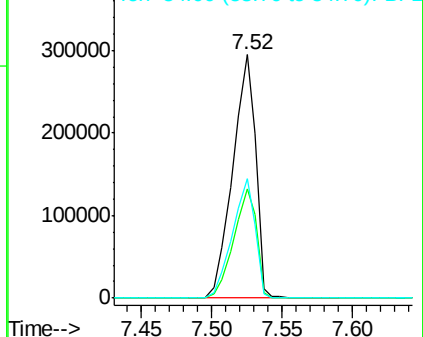
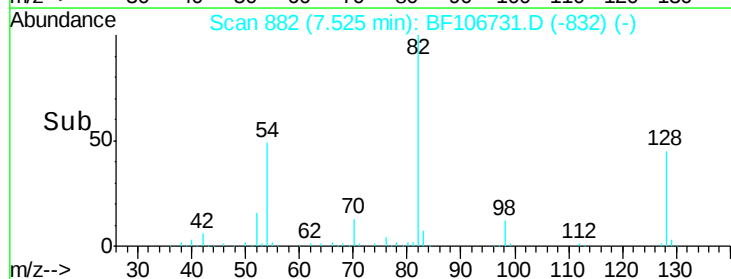


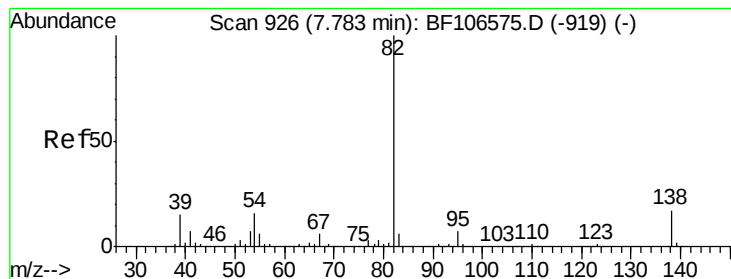
#23
Nitrobenzene-d5
Concen: 92.726 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106731.D
Acq: 23 Jun 2018 1:26

Tgt Ion:	82	Resp:	332270
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	49.2	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: 52.620 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106731.D

Acq: 23 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

SB-54-COMP

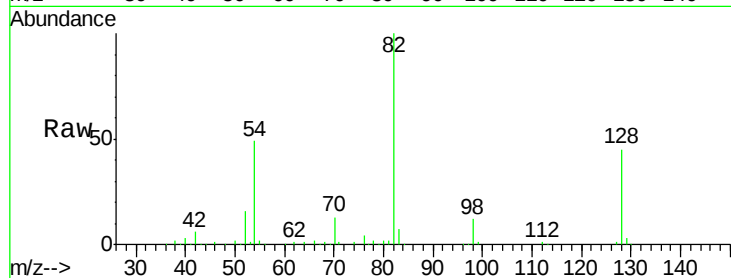
Tgt Ion: 82 Resp: 332264

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

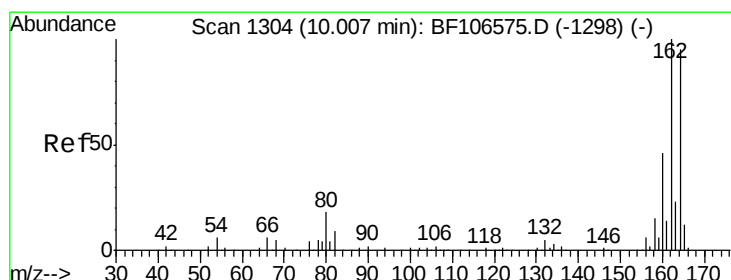
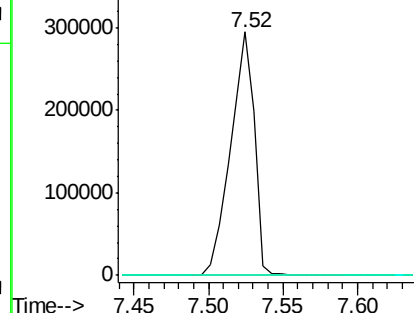
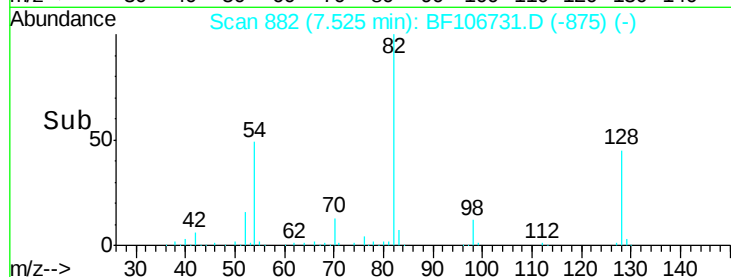
138 0.0 14.9 22.3#



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: BF106731.D

Acq: 23 Jun 2018 1:26

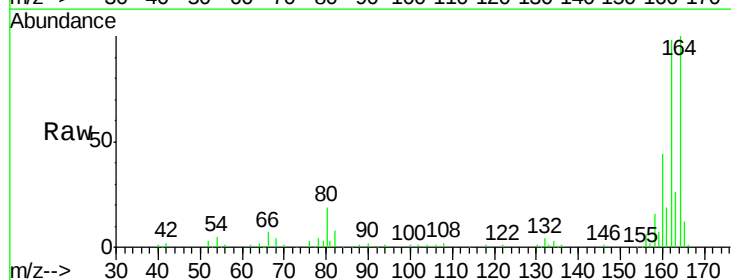
Tgt Ion: 164 Resp: 92107

Ion Ratio Lower Upper

164 100

162 97.7 86.1 129.1

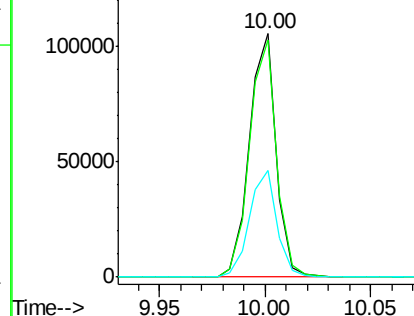
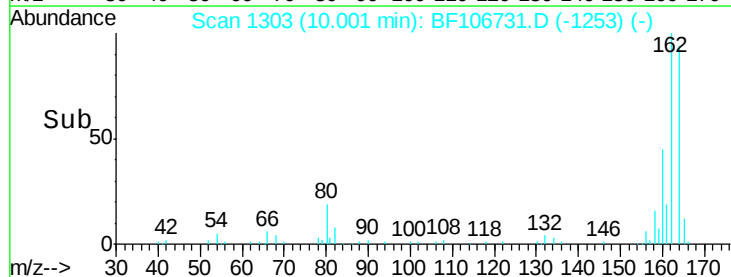
160 43.8 38.3 57.5



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

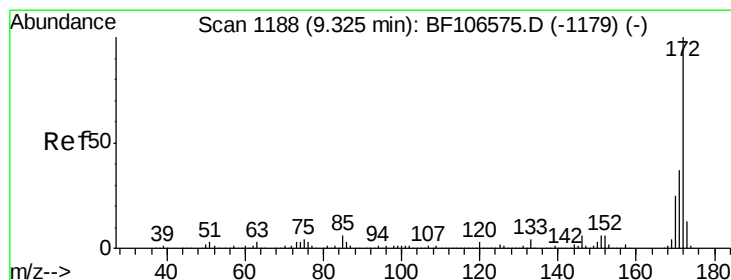
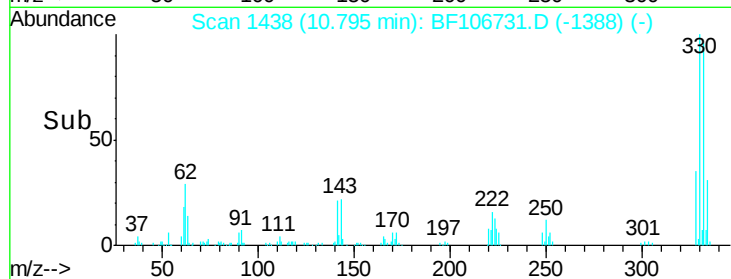
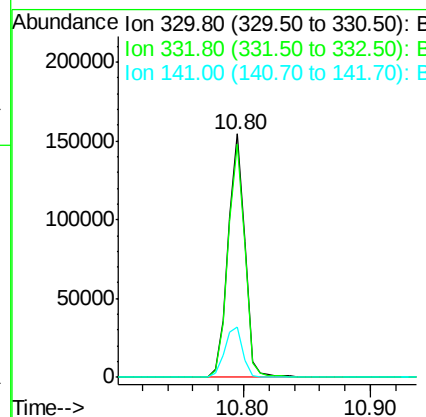
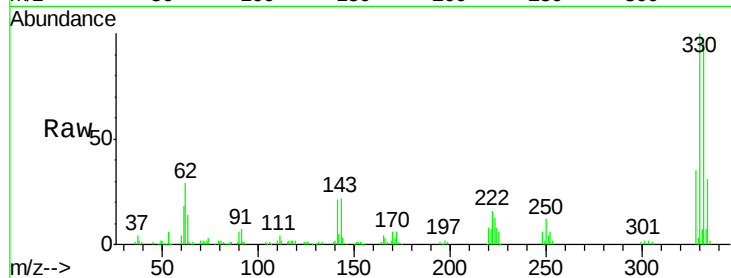




#41
 2,4,6-Tribromophenol
 Concen: 133.395 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106731.D
 Acq: 23 Jun 2018 1:26

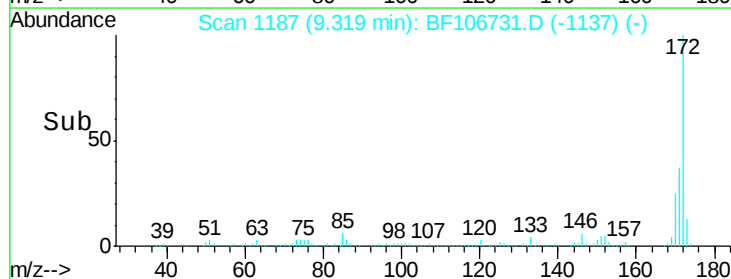
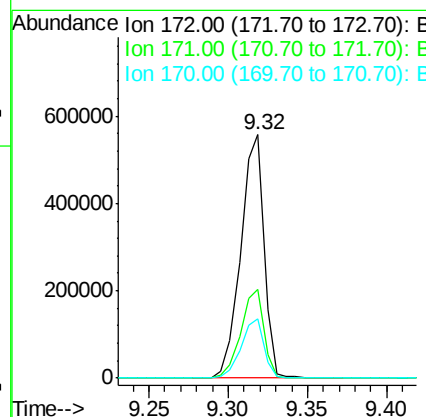
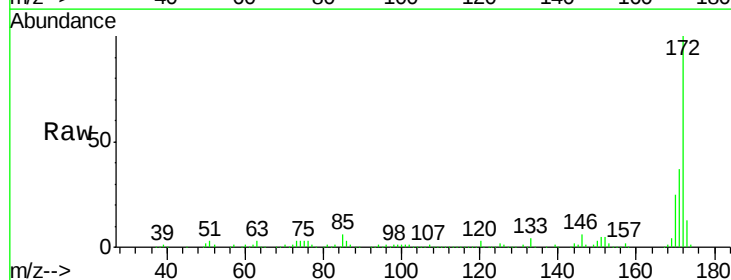
Instrument :
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 SB-54-COMP

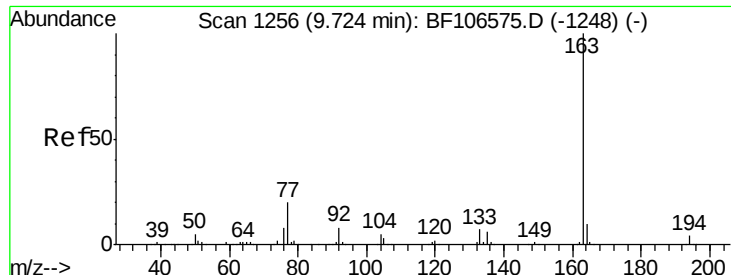
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	22.5	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 108.357 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106731.D
 Acq: 23 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4





#49

Dimethylphthalate

Concen: 11.269 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106731.D

Acq: 23 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

SB-54-COMP

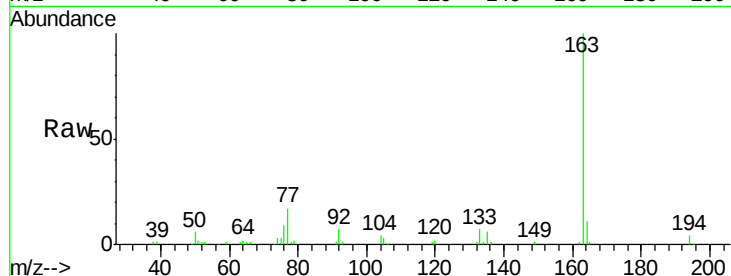
Tgt Ion:163 Resp: 77851

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

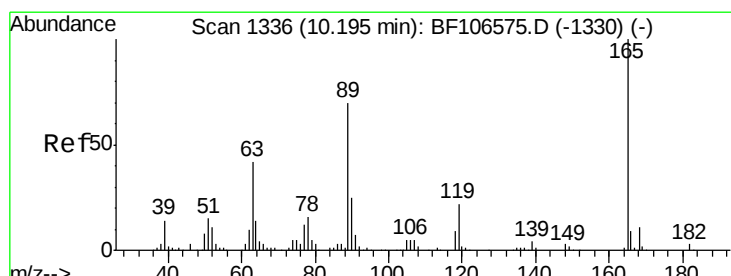
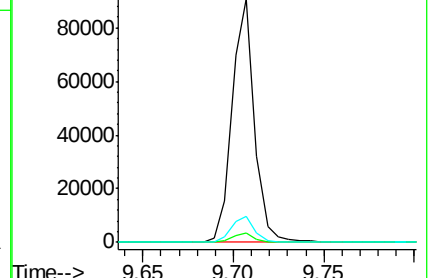
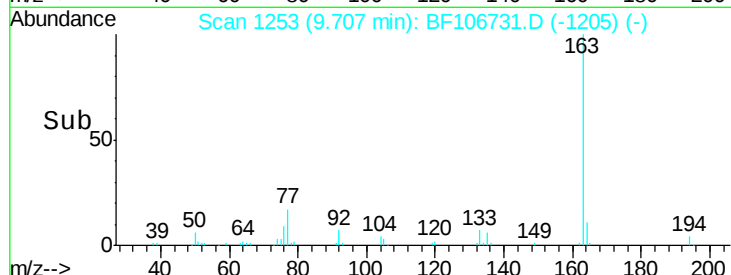
164 10.9 8.2 12.2



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: 6.066 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106731.D

Acq: 23 Jun 2018 1:26

Tgt Ion:165 Resp: 11583

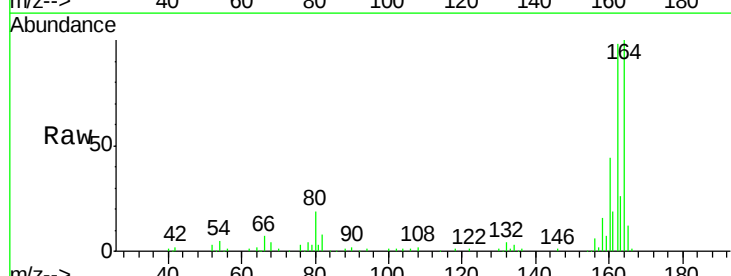
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

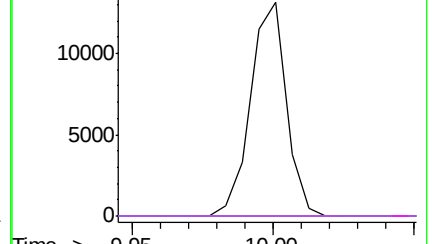
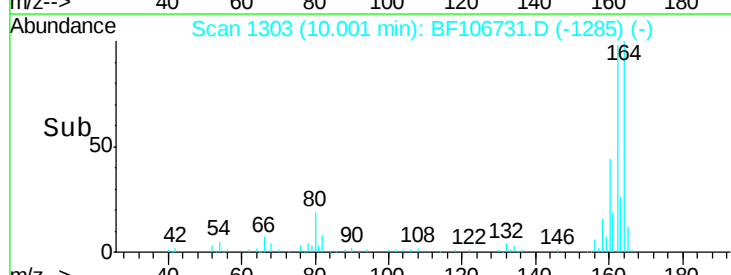


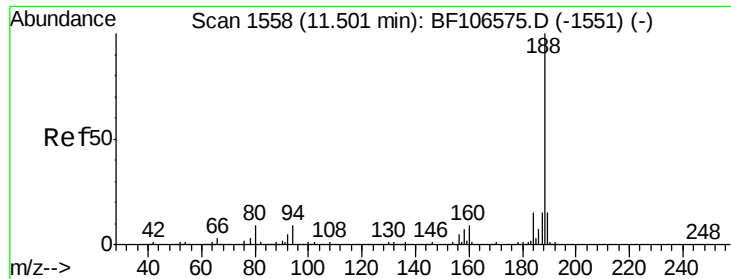
Abundance Ion 165.00 (164.70 to 165.70): E

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

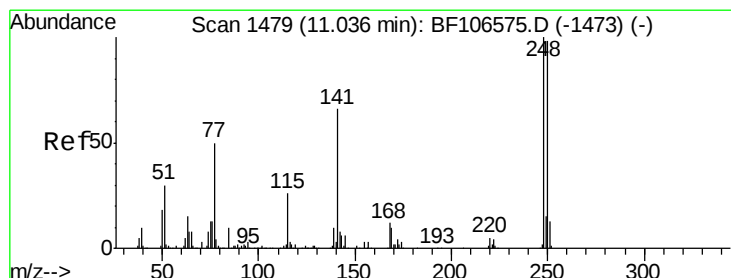
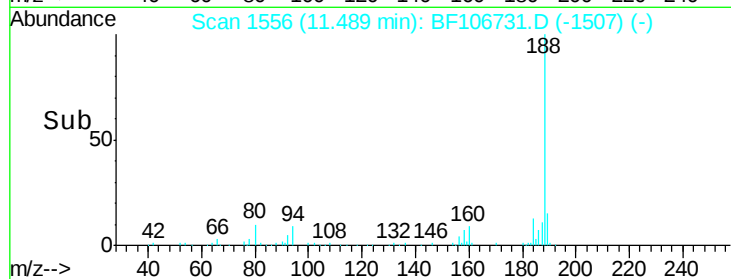
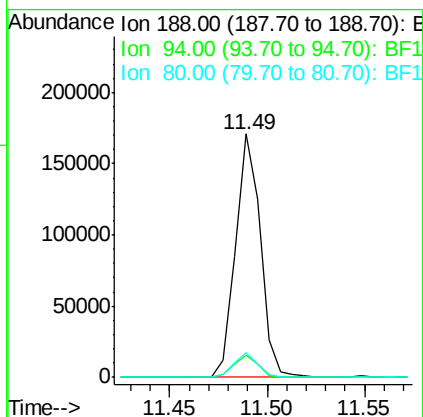
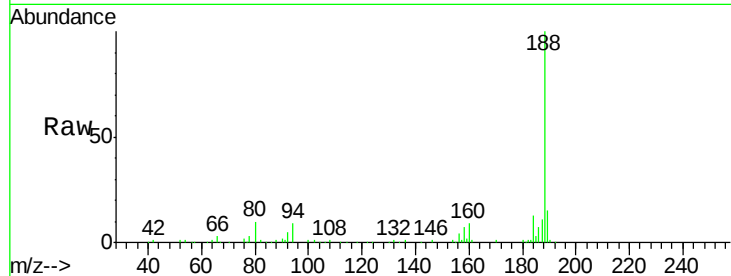




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106731.D
Acq: 23 Jun 2018 1:26

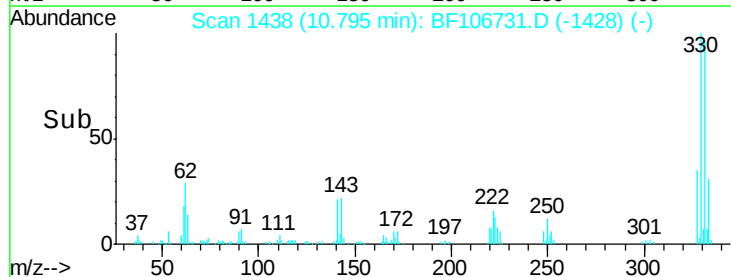
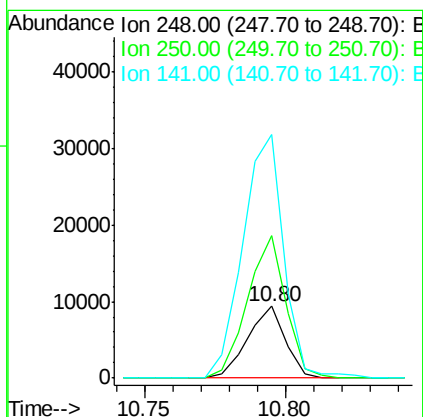
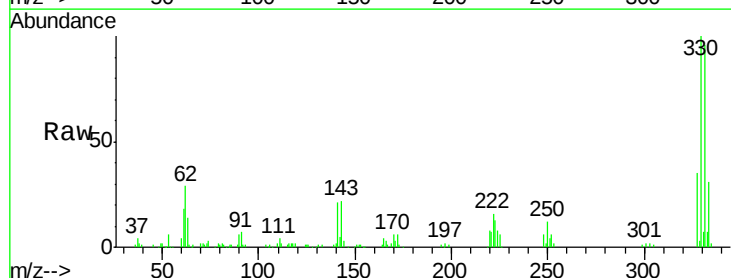
Instrument :
BNA_F
ClientSampleId :
SB-54-COMP

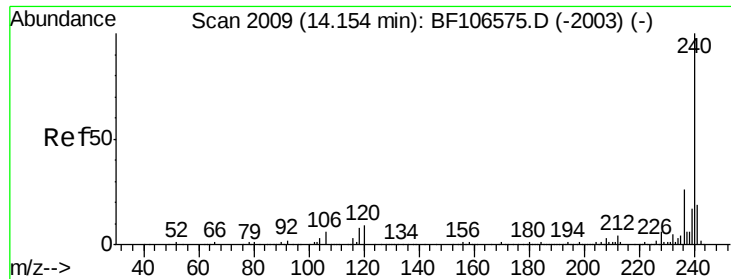
Tgt Ion:	188	Resp:	151197
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.9	9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 4.780 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106731.D
Acq: 23 Jun 2018 1:26

Tgt Ion:	248	Resp:	8625
Ion	Ratio	Lower	Upper
248	100		
250	197.9	76.9	115.3#
141	338.8	74.4	111.6#

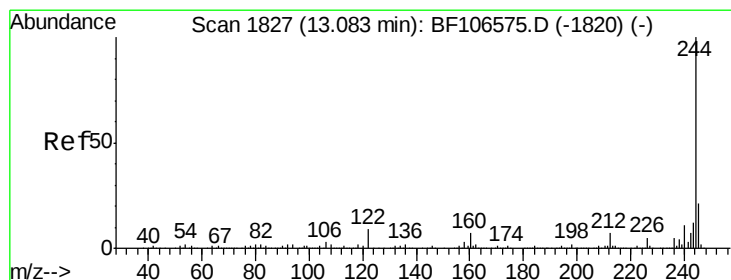
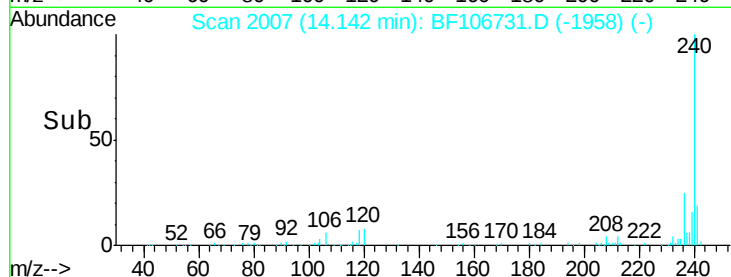
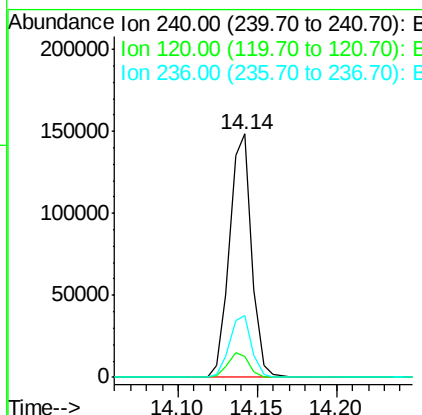
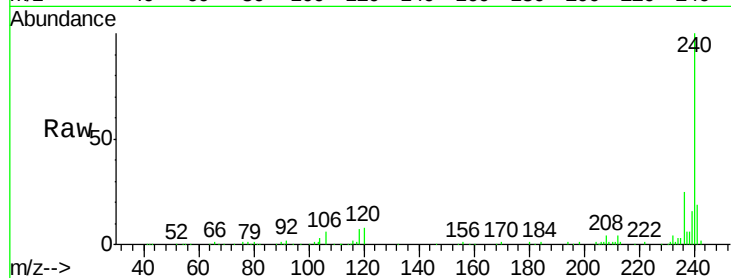




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF106731.D
 Acq: 23 Jun 2018 1:26

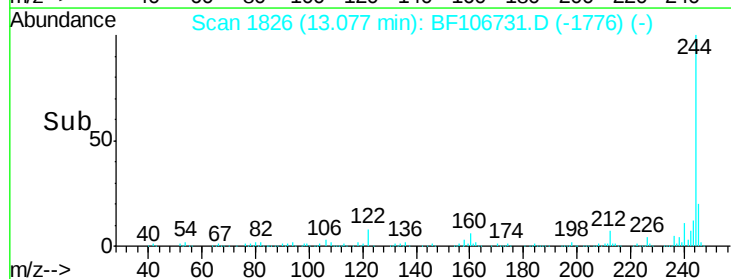
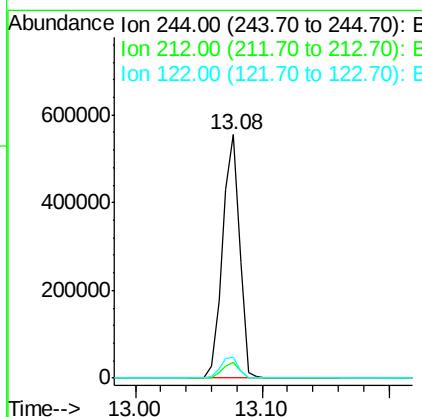
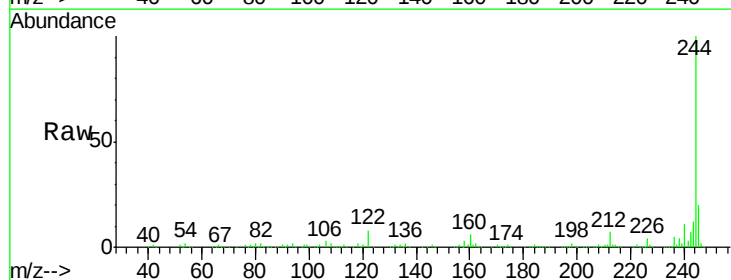
Instrument :
 BNA_F
 ClientSampleId :
 SB-54-COMP

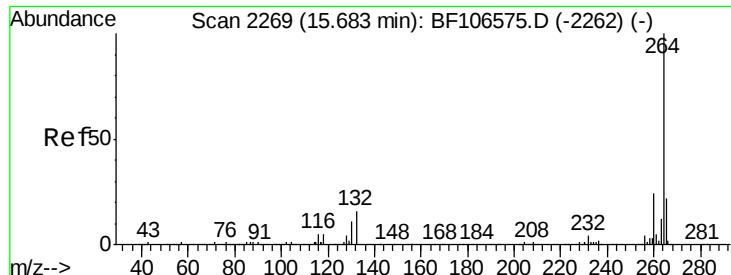
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.4	20.7	31.1



#78
 Terphenyl-d14
 Concen: 87.812 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106731.D
 Acq: 23 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.5	11.0	16.4#

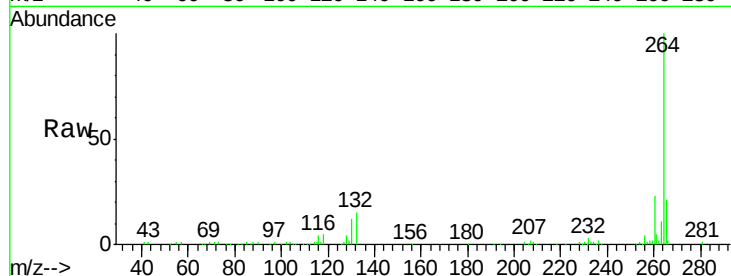




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF106731.D
 Acq: 23 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-54-COMP

Tgt Ion:	264	Resp:	129184
Ion Ratio		Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	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

