

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106635.D
 Acq On : 20 Jun 2018 22:22
 Operator : JU/SJ
 Sample : J3498-07RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-G-D

Quant Time: Jun 21 01:04:37 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

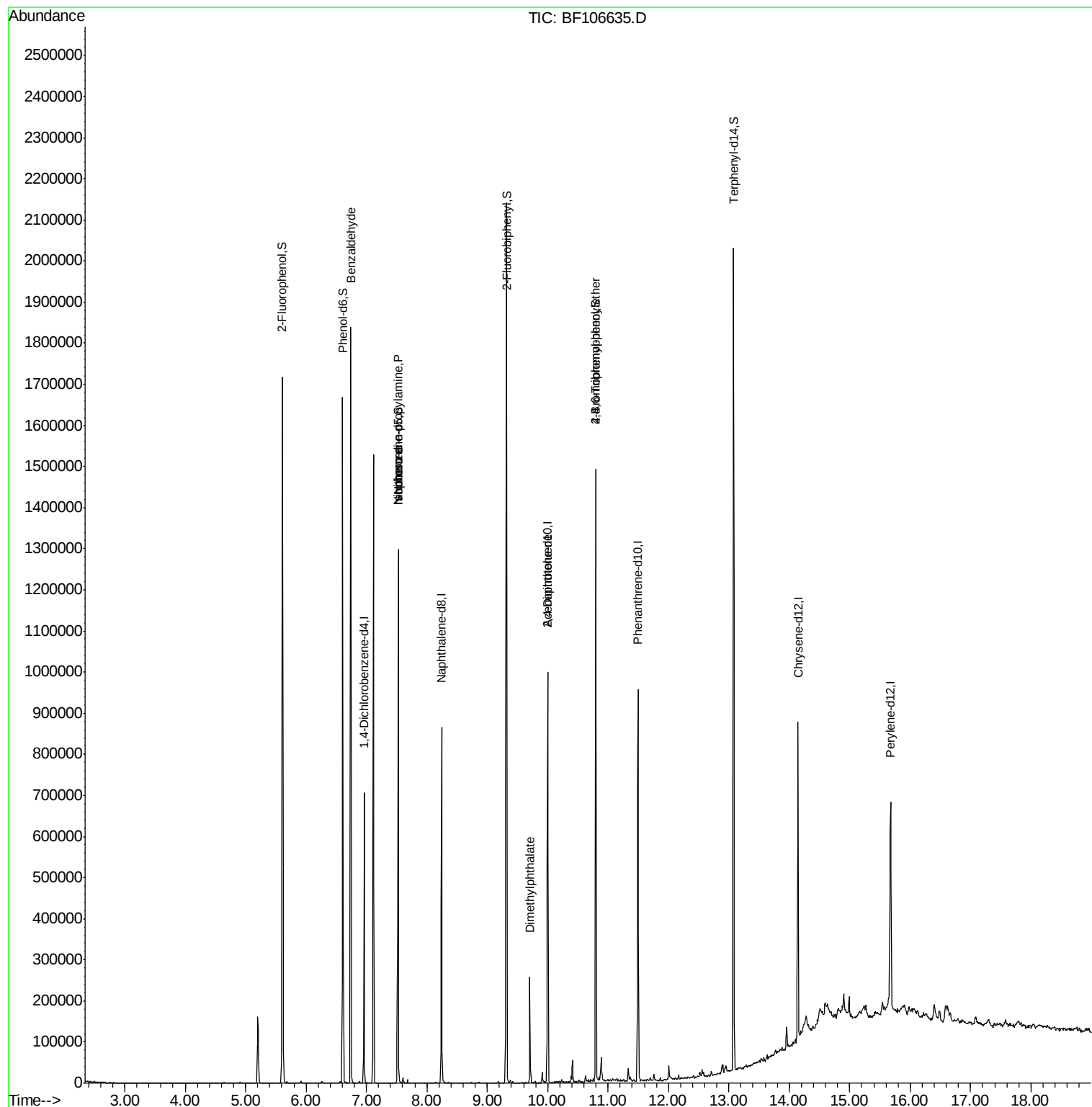
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	92164	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	360853	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	184712	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	336978	20.00	ng	0.00
75) Chrysene-d12	14.14	240	261945	20.00	ng	-0.01
86) Perylene-d12	15.68	264	240110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	488290	89.71	ng	0.00
7) Phenol-d6	6.61	99	623877	91.79	ng	0.00
23) Nitrobenzene-d5	7.52	82	411604	63.39	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	198821	92.87	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	692349	58.92	ng	0.00
78) Terphenyl-d14	13.08	244	696062	64.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	11499	2.020	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.52	70	54901	12.254	ng	# 75
25) Isophorone	7.52	82	411599	35.972	ng	# 64
49) Dimethylphthalate	9.71	163	94397	6.814	ng	97
56) 2,4-Dinitrotoluene	10.00	165	23333	6.094	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	12679	3.153	ng	# 1

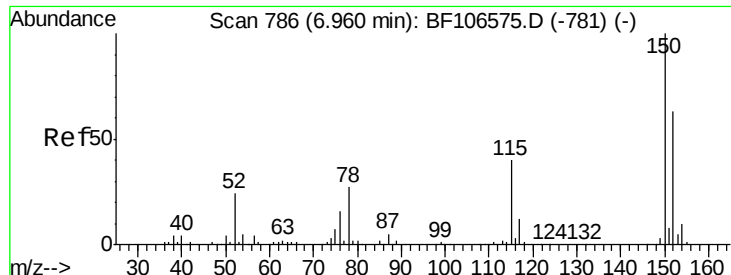
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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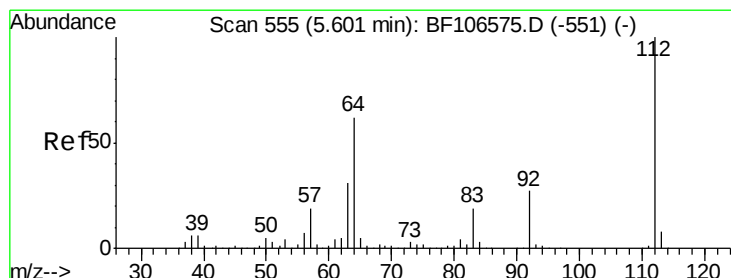
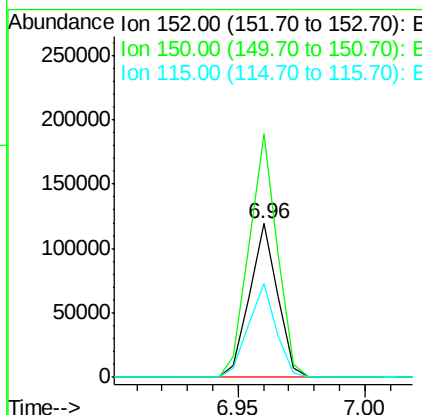
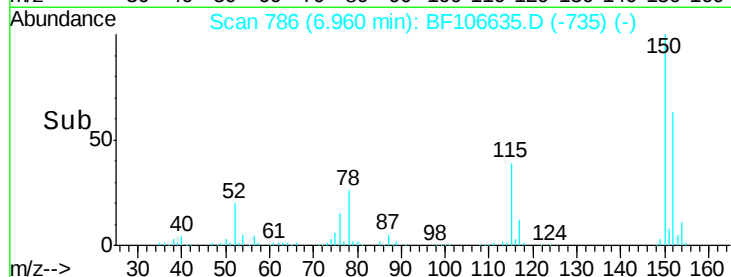
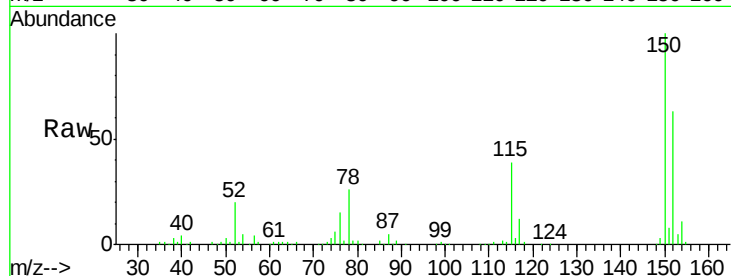




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106635.D
 Acq: 20 Jun 2018 22:22

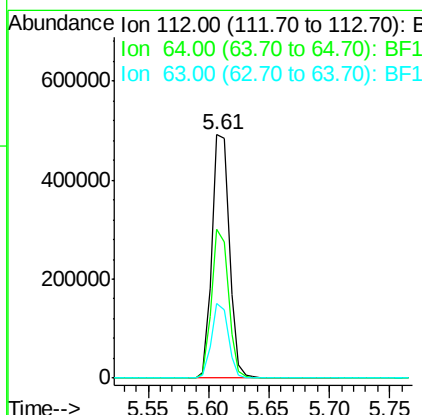
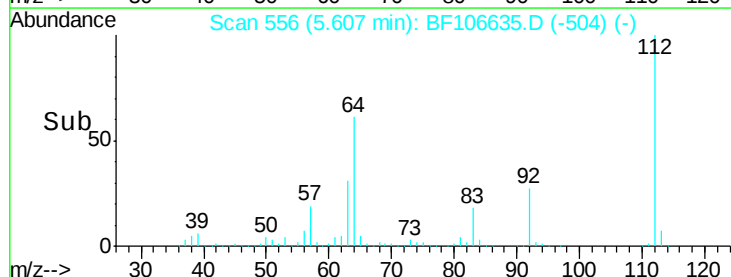
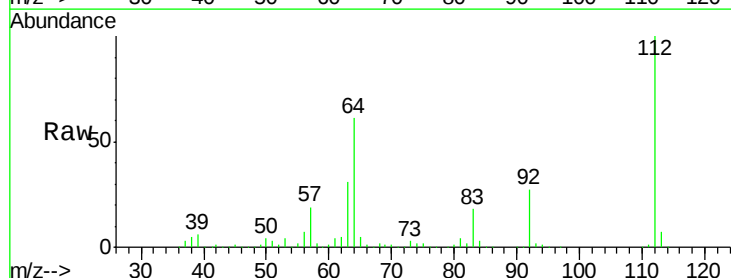
Instrument :
 BNA_F
 ClientSampleId :
 TP-G-D

Tgt Ion:152 Resp: 92164
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 61.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 89.713 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF106635.D
 Acq: 20 Jun 2018 22:22

Tgt Ion:112 Resp: 488290
 Ion Ratio Lower Upper
 112 100
 64 61.4 47.9 71.9
 63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 91.787 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106635.D

Acq: 20 Jun 2018 22:22

Instrument :

BNA_F

ClientSampleId :

TP-G-D

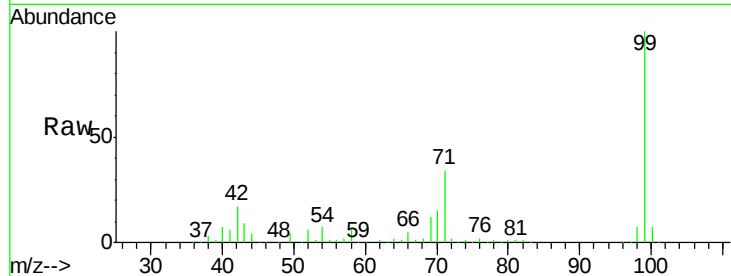
Tgt Ion: 99 Resp: 623877

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

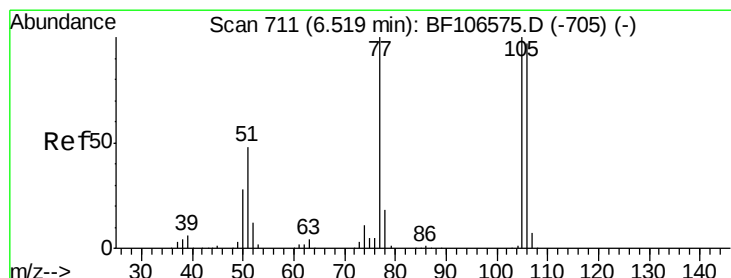
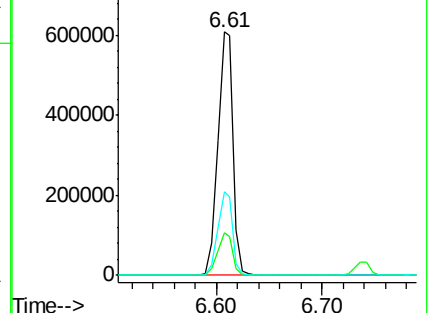
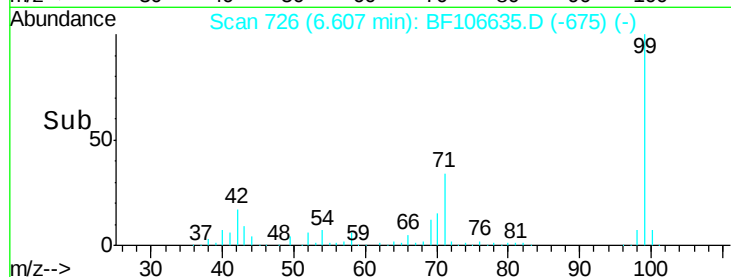
71 34.4 25.4 38.0



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: 2.020 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106635.D

Acq: 20 Jun 2018 22:22

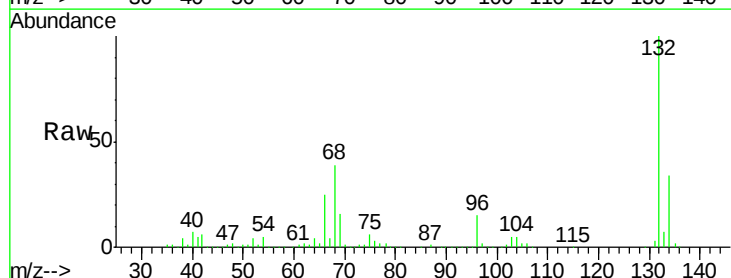
Tgt Ion: 77 Resp: 11499

Ion Ratio Lower Upper

77 100

105 84.6 81.1 121.1

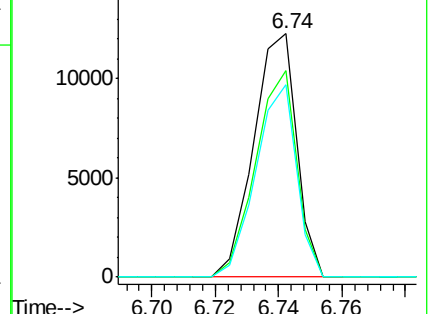
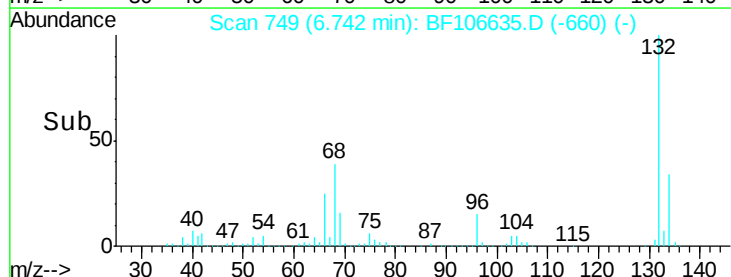
106 78.8 74.5 114.5

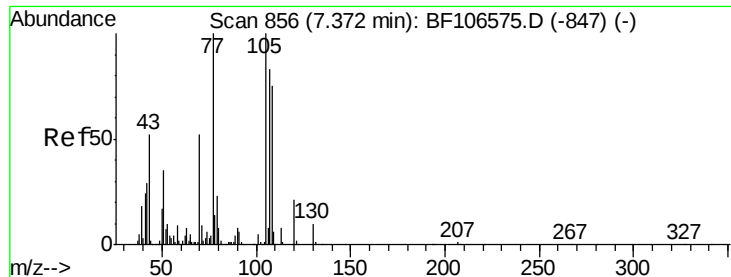


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

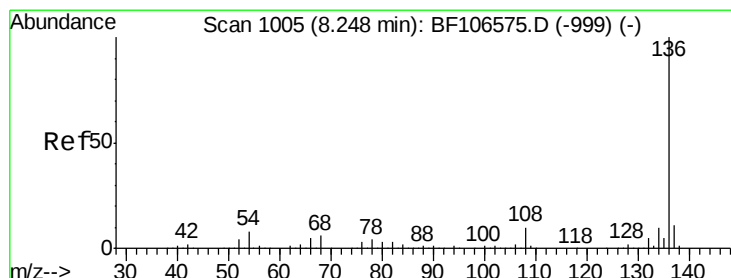
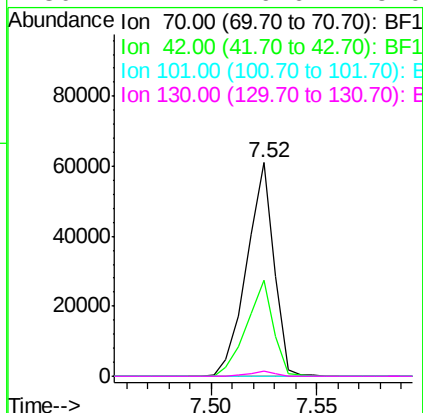
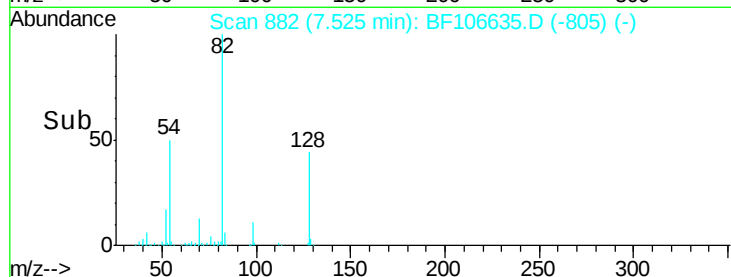
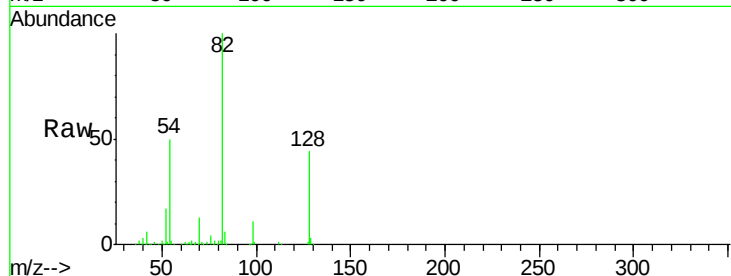




#19
n-Nitroso-di-n-propylamine
Concen: 12.254 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106635.D
Acq: 20 Jun 2018 22:22

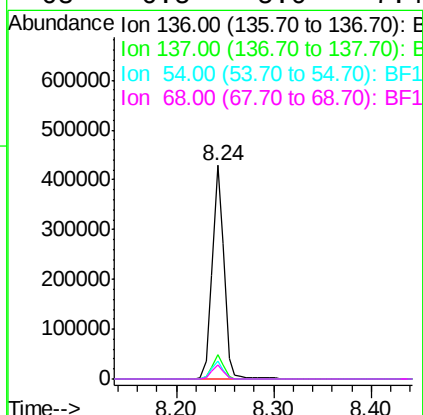
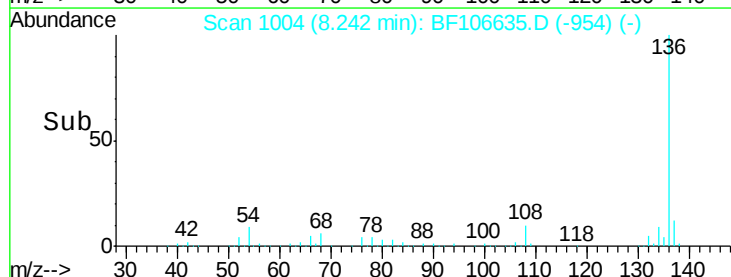
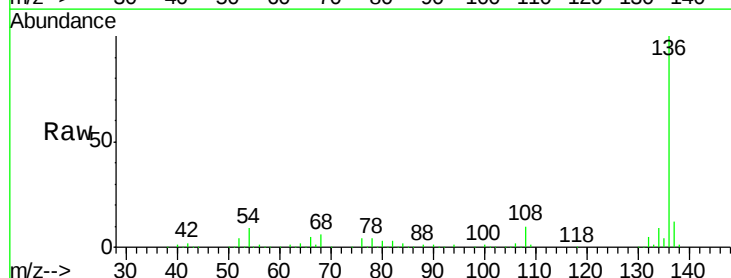
Instrument :
BNA_F
ClientSampleId :
TP-G-D

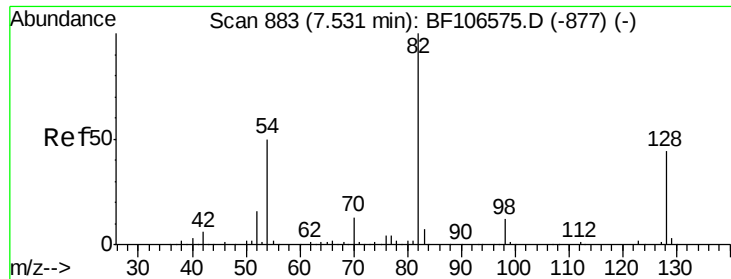
Tgt Ion:	70	Resp:	54901
Ion	Ratio	Lower	Upper
70	100		
42	44.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106635.D
Acq: 20 Jun 2018 22:22

Tgt Ion:	136	Resp:	360853
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.7	6.6	9.8
68	6.5	5.0	7.4

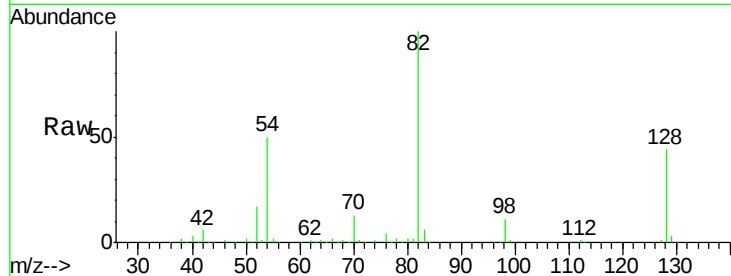




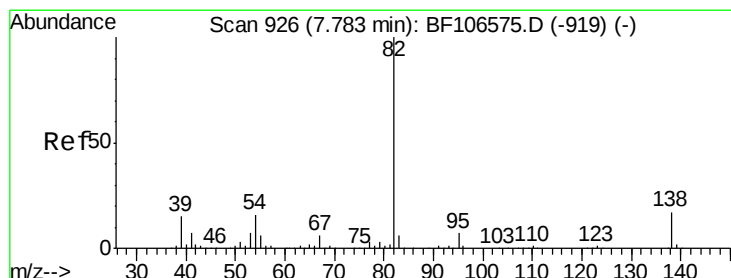
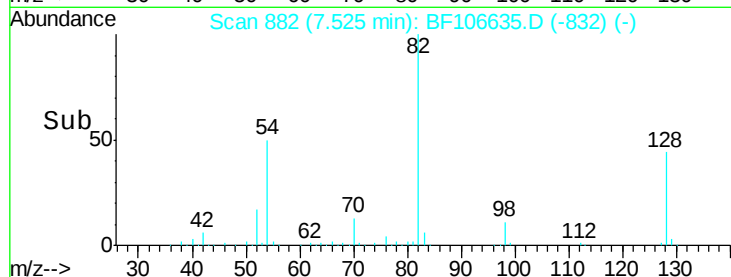
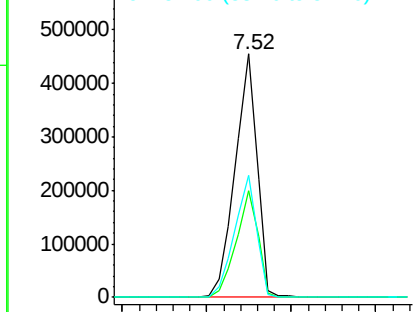
#23
 Nitrobenzene-d5
 Concen: 63.389 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106635.D
 Acq: 20 Jun 2018 22:22

Instrument :
 BNA_F
 ClientSampleID :
 TP-G-D

Tgt Ion: 82 Resp: 411604
 Ion Ratio Lower Upper
 82 100
 128 43.8 36.1 54.1
 54 50.2 41.4 62.2

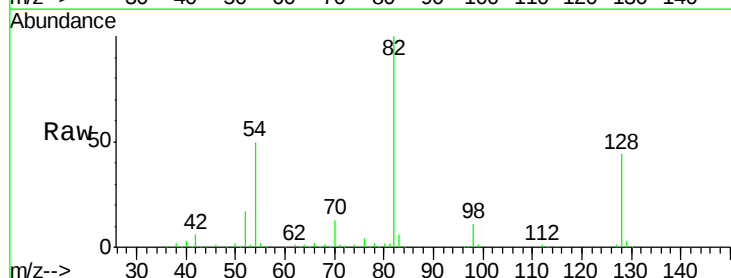


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

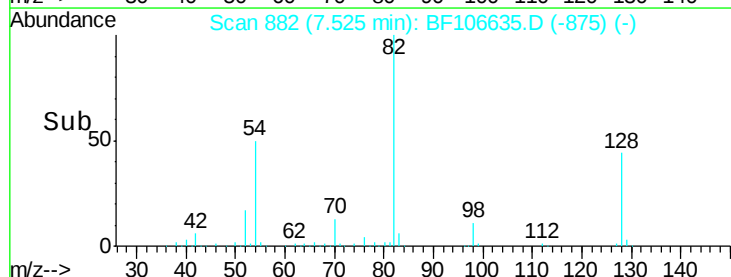
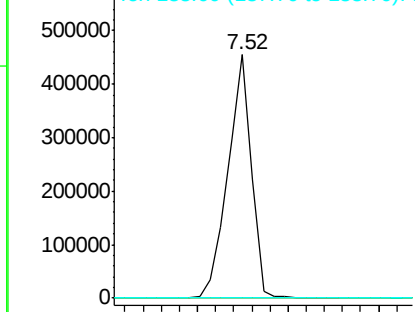


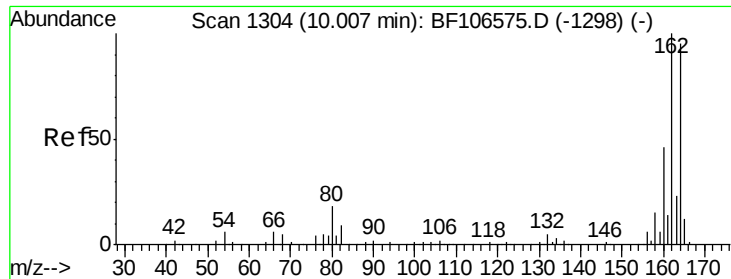
#25
 Isophorone
 Concen: 35.972 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106635.D
 Acq: 20 Jun 2018 22:22

Tgt Ion: 82 Resp: 411599
 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: BF106635.D

Acq: 20 Jun 2018 22:22

Instrument :

BNA_F

ClientSampleId :

TP-G-D

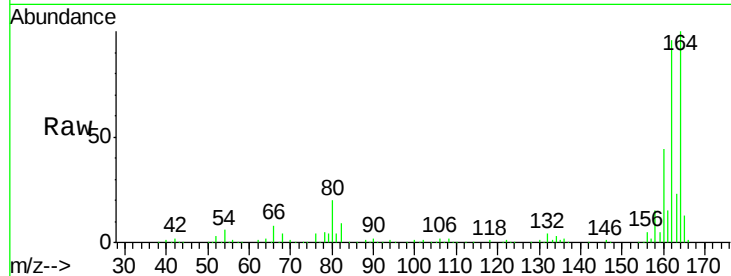
Tgt Ion:164 Resp: 184712

Ion Ratio Lower Upper

164 100

162 95.6 86.1 129.1

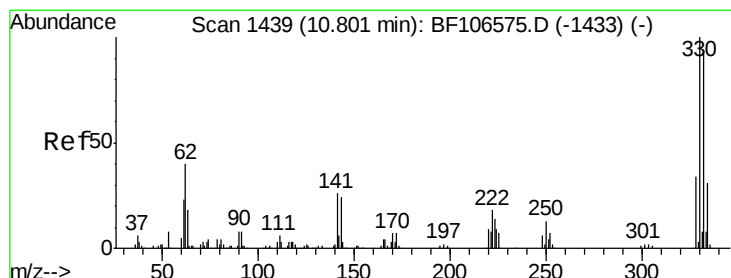
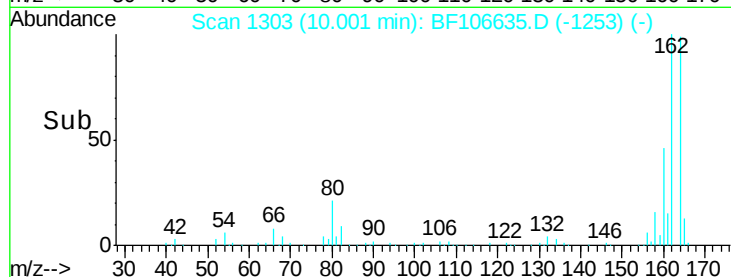
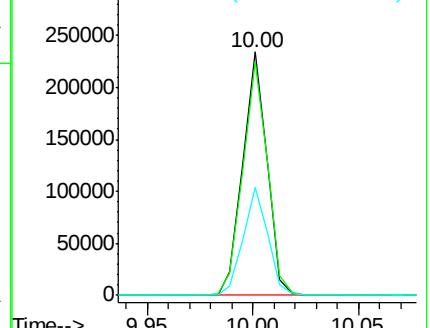
160 44.2 38.3 57.5



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: 92.870 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106635.D

Acq: 20 Jun 2018 22:22

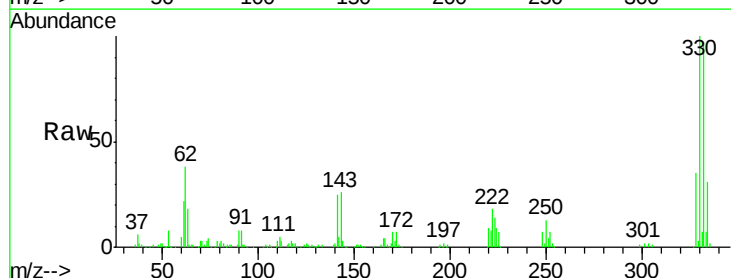
Tgt Ion:330 Resp: 198821

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

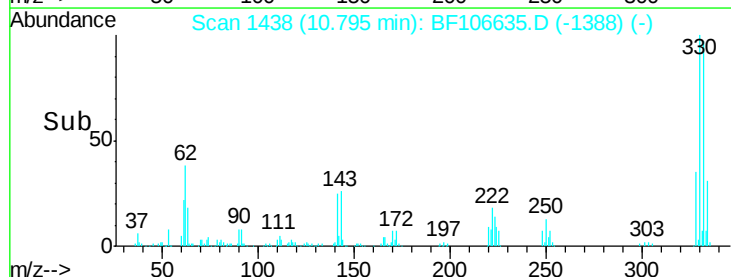
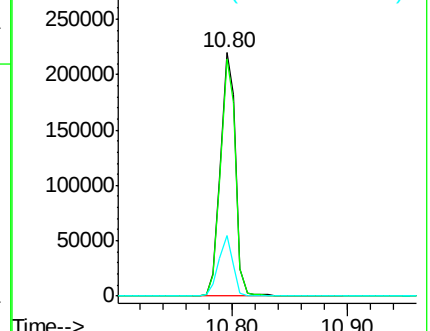
141 23.8 29.9 44.9#



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

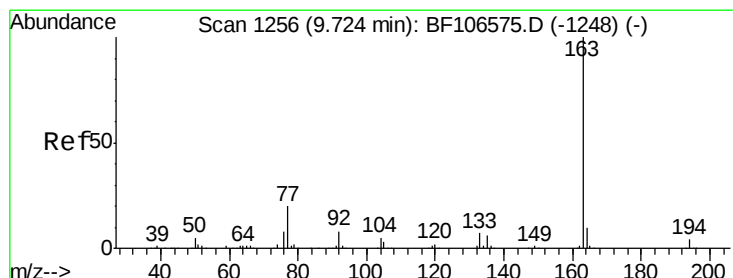
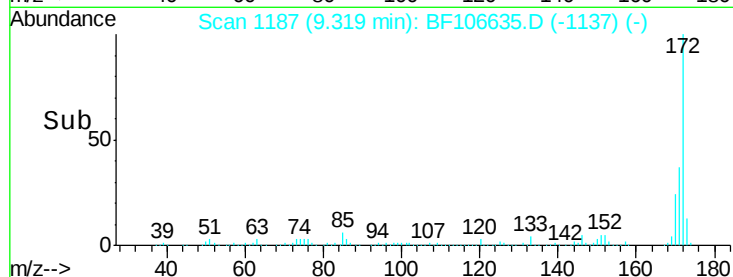
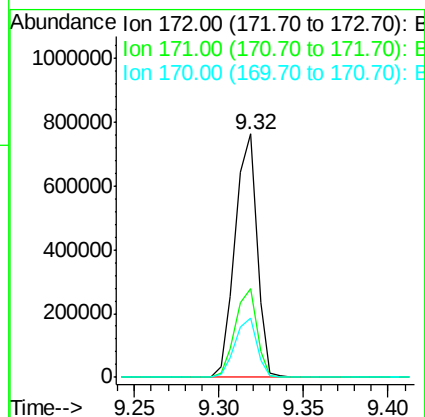
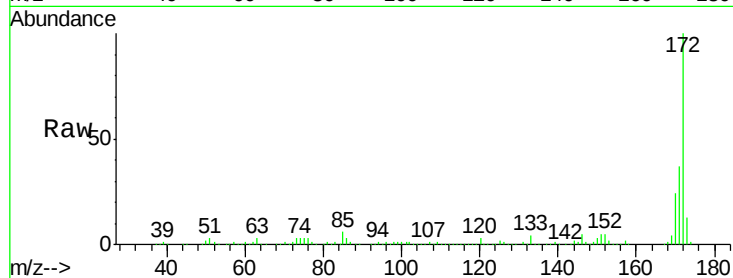




#44
2-Fluorobiphenyl
Concen: 58.918 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106635.D
Acq: 20 Jun 2018 22:22

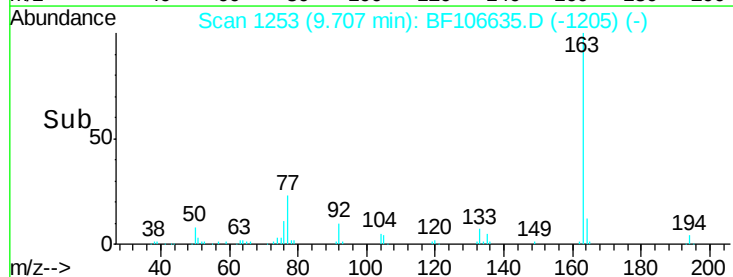
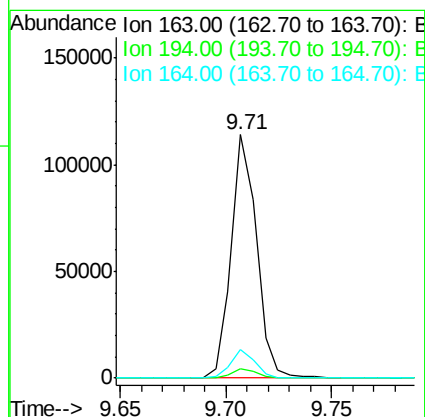
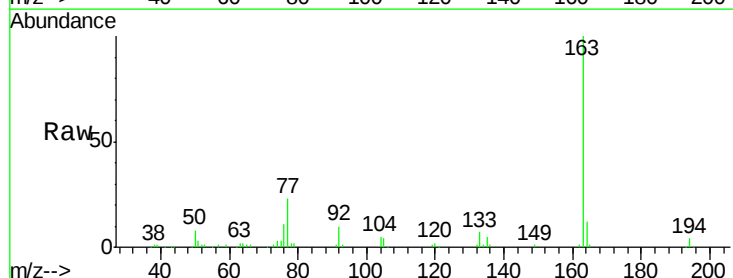
Instrument :
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Tgt Ion:172 Resp: 692349
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 6.814 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106635.D
Acq: 20 Jun 2018 22:22

Tgt Ion:163 Resp: 94397
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.6 8.2 12.2

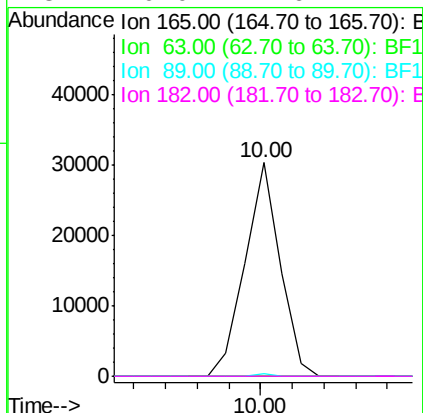
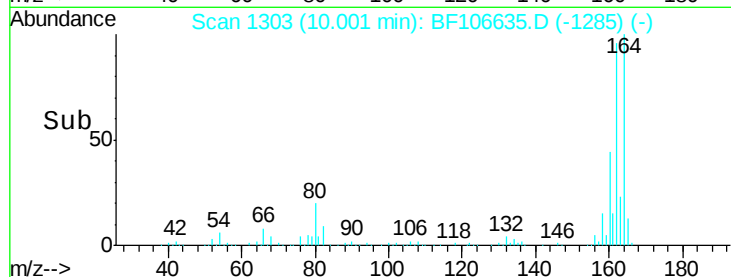
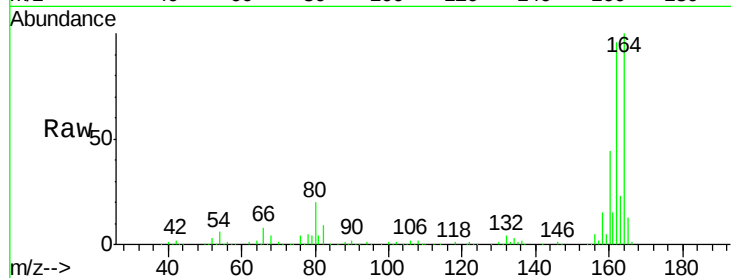




#56
 2,4-Dinitrotoluene
 Concen: 6.094 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106635.D
 Acq: 20 Jun 2018 22:22

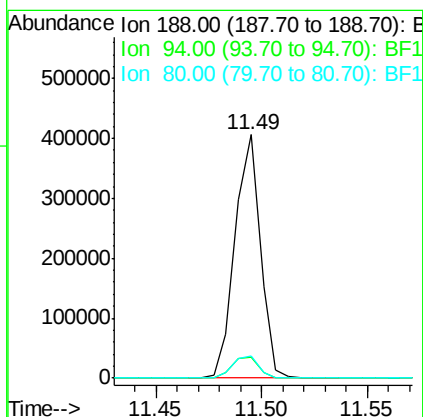
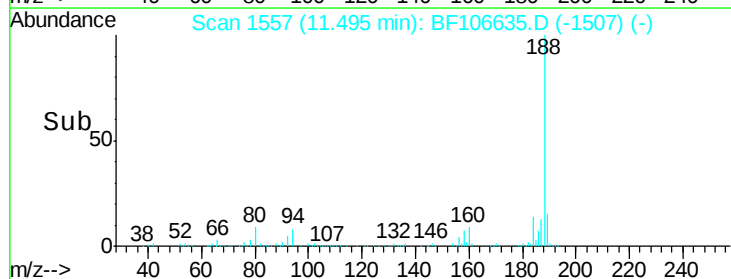
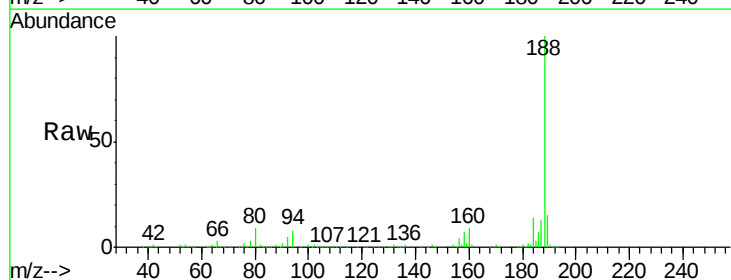
Instrument :
 BNA_F
 ClientSampleId :
 TP-G-D

Tgt Ion:	165	Resp:	23333
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106635.D
 Acq: 20 Jun 2018 22:22

Tgt Ion:	188	Resp:	336978
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.3	9.2	13.8

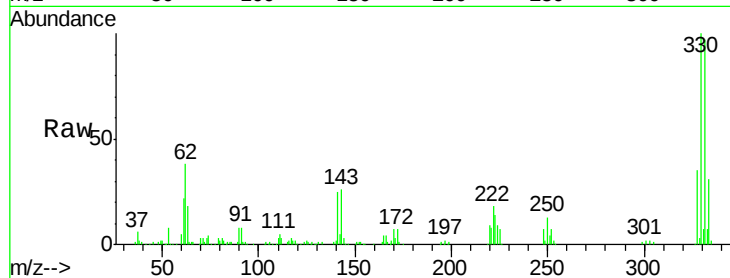




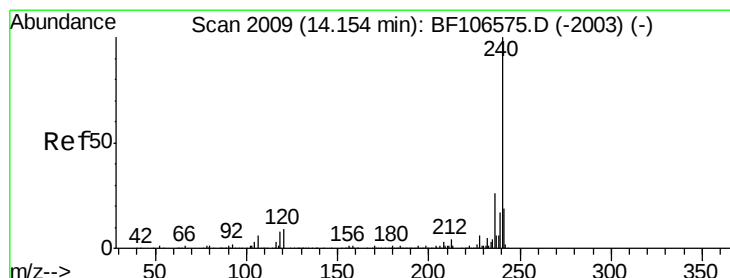
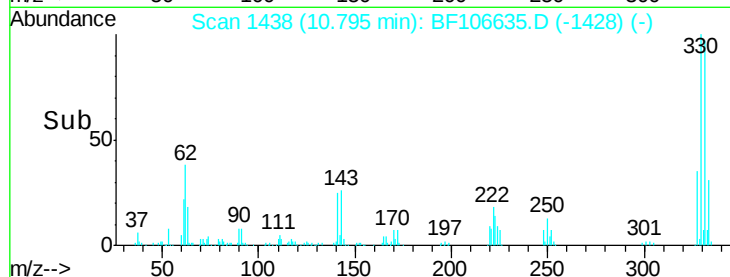
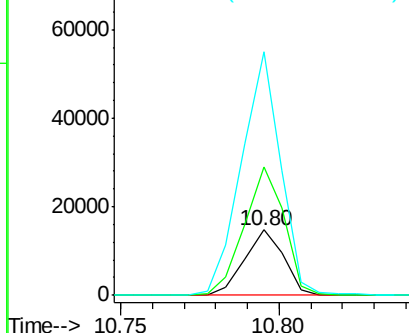
#66
4-Bromophenyl-phenylether
Concen: 3.153 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106635.D
Acq: 20 Jun 2018 22:22

Instrument :
BNA_F
ClientSampleId :
TP-G-D

Tgt Ion:248 Resp: 12679
Ion Ratio Lower Upper
248 100
250 195.3 76.9 115.3#
141 371.9 74.4 111.6#

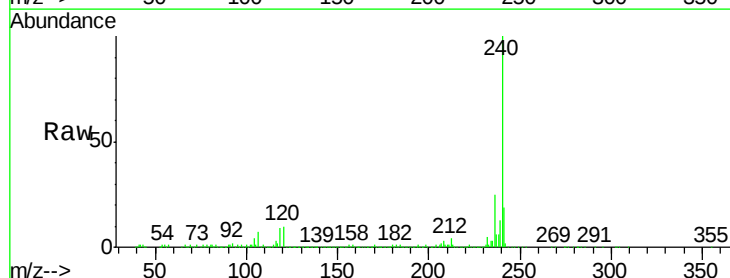


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

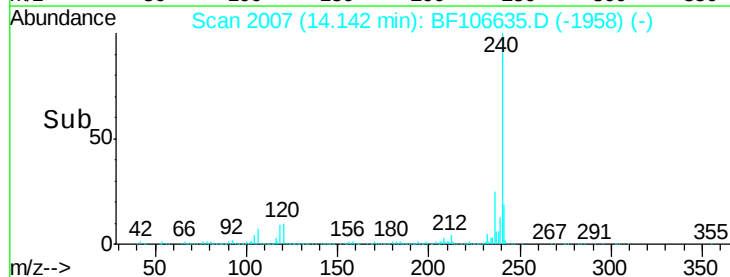
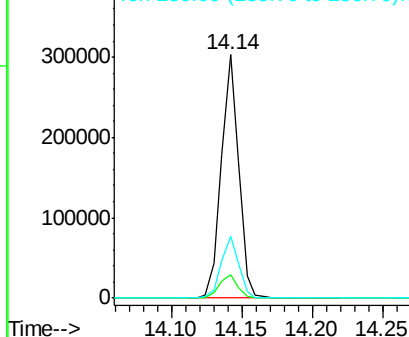


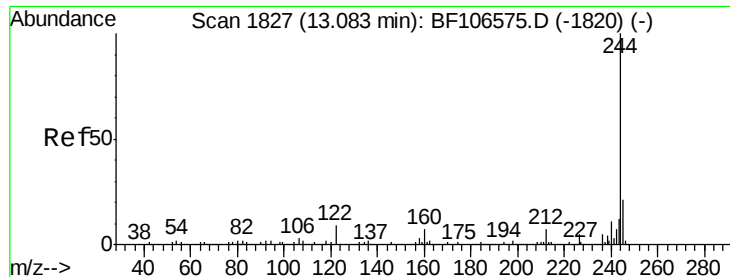
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106635.D
Acq: 20 Jun 2018 22:22

Tgt Ion:240 Resp: 261945
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.3 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: 64.367 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106635.D

Acq: 20 Jun 2018 22:22

Instrument :

BNA_F

ClientSampled :

TP-G-D

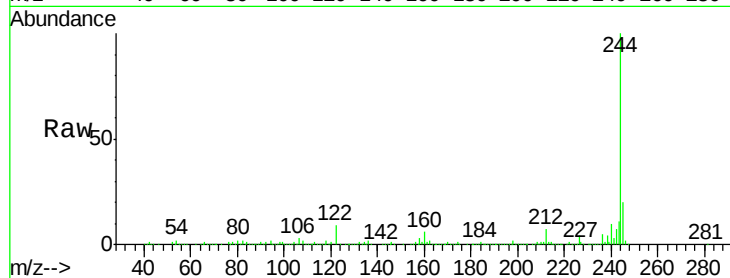
Tgt Ion:244 Resp: 696062

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

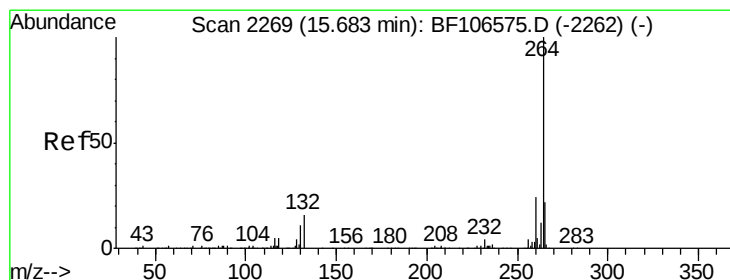
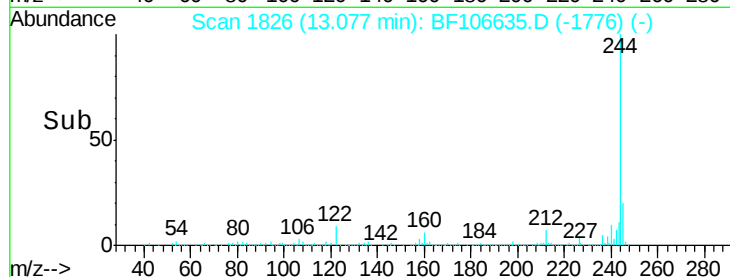
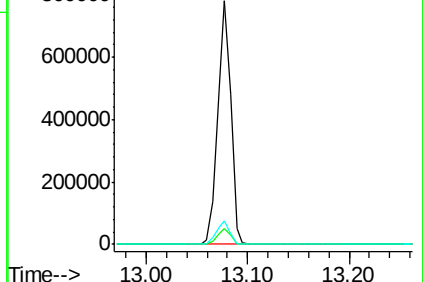
122 9.4 11.0 16.4#



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. -0.01 min

Lab File: BF106635.D

Acq: 20 Jun 2018 22:22

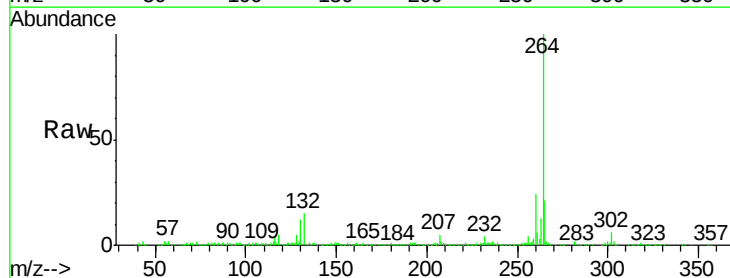
Tgt Ion:264 Resp: 240110

Ion Ratio Lower Upper

264 100

260 23.7 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

