

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
 Data File : BF106656.D
 Acq On : 21 Jun 2018 12:45
 Operator : JU/SJ
 Sample : J3575-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Quant Time: Jun 21 14:20:15 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

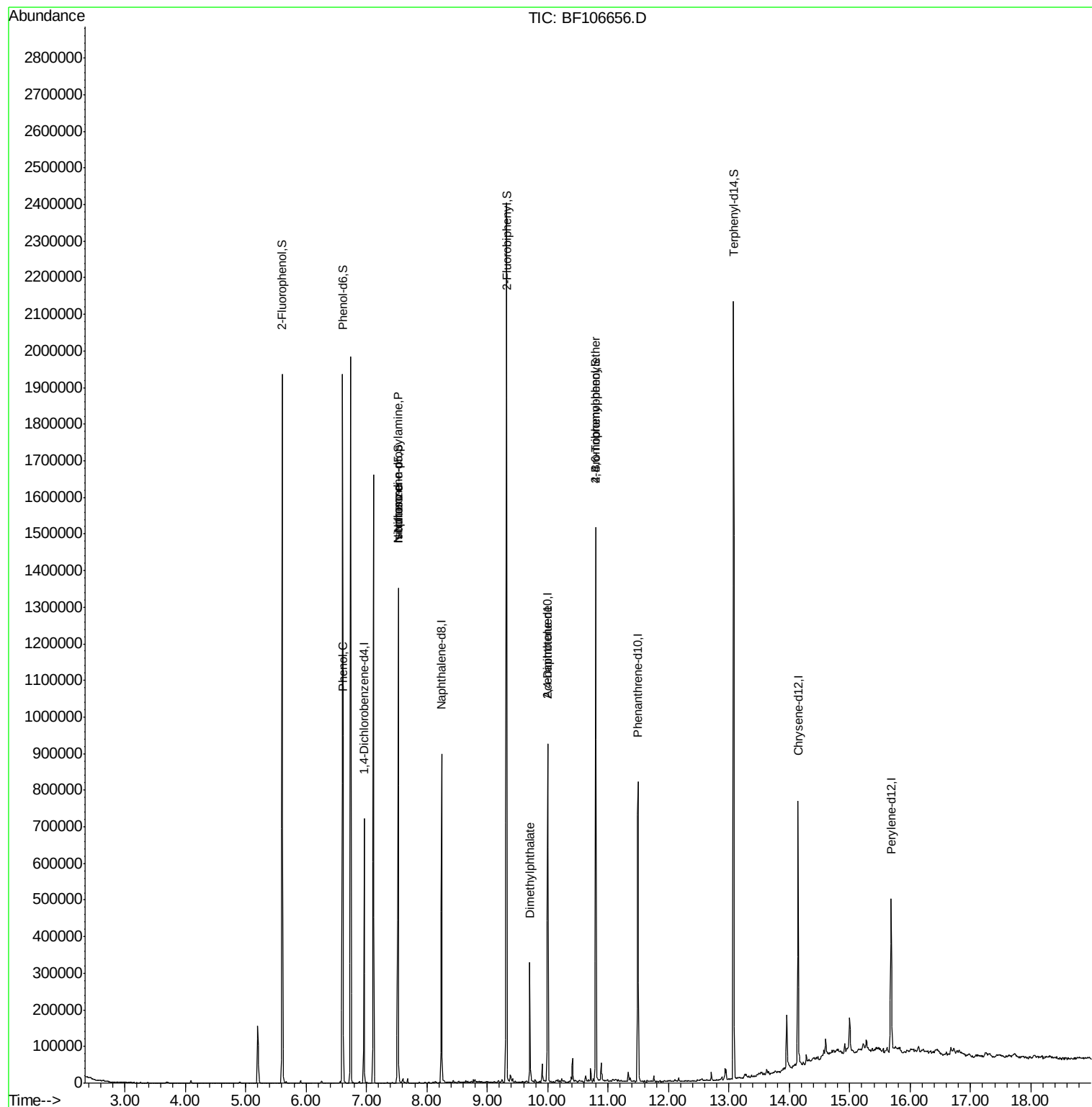
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	95473	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	365755	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	177086	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	310334	20.00	ng	0.00
75) Chrysene-d12	14.14	240	262654	20.00	ng	-0.01
86) Perylene-d12	15.68	264	206524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	550913	97.71	ng	0.00
7) Phenol-d6	6.61	99	706352	100.32	ng	0.00
23) Nitrobenzene-d5	7.52	82	463843	70.48	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	211447	103.02	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	734091	67.05	ng	0.00
78) Terphenyl-d14	13.08	244	767325	70.77	ng	0.00
Target Compounds						
10) Phenol	6.62	94	17671	2.199	ng	99
19) n-Nitroso-di-n-propylamine	7.52	70	61417	13.233	ng	# 74
25) Isophorone	7.52	82	463833	39.994	ng	# 64
49) Dimethylphthalate	9.71	163	118657	8.934	ng	98
56) 2,4-Dinitrotoluene	10.00	165	22167	6.038	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	13188	3.561	ng	# 1

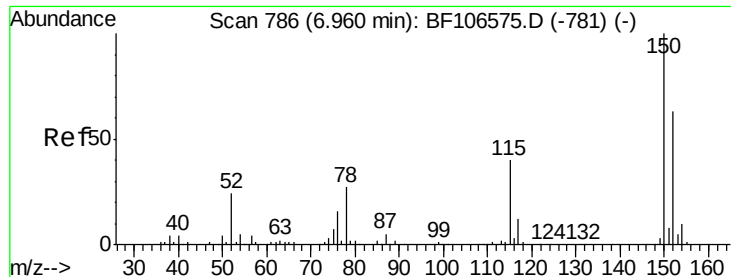
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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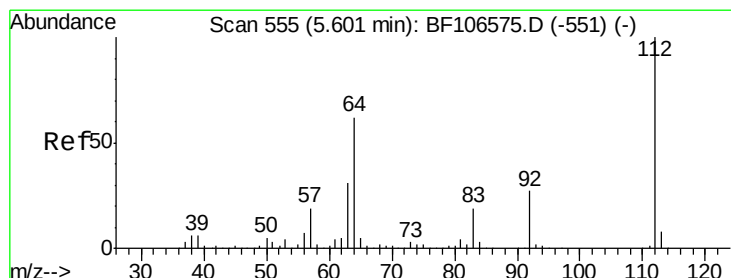
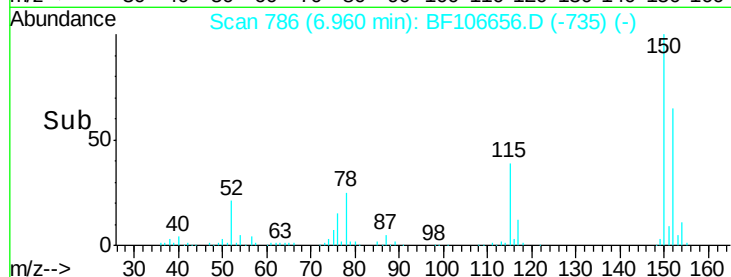
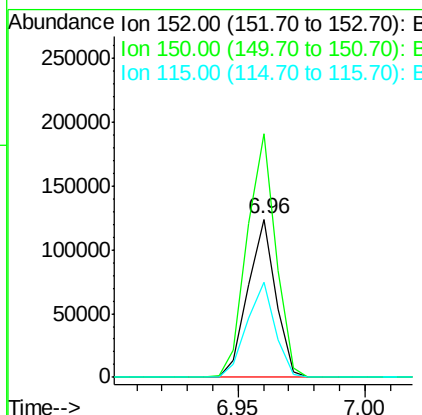
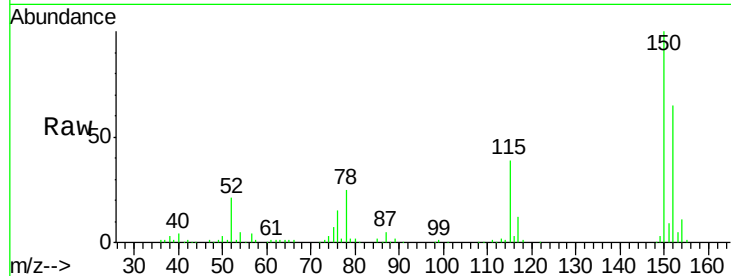


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106656.D
Acq: 21 Jun 2018 12:45

Instrument :
BNA_F
ClientSampleId :
TP-11-S

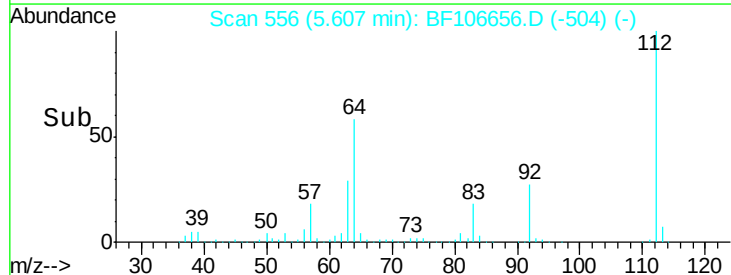
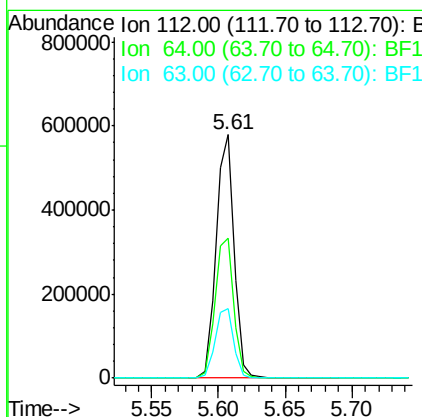
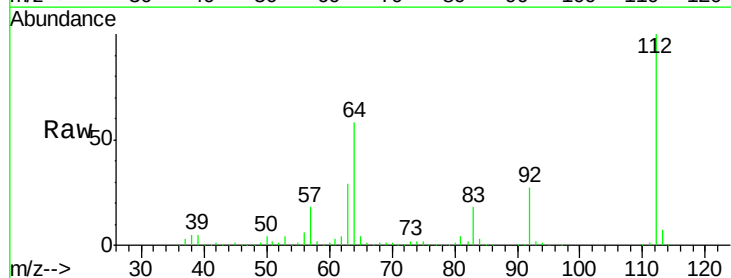
Tgt Ion:152 Resp: 95473
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 60.4 50.1 75.1

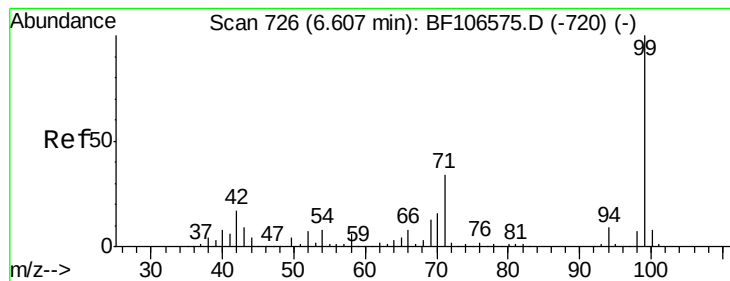


#5

2-Fluorophenol
Concen: 97.710 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106656.D
Acq: 21 Jun 2018 12:45

Tgt Ion:112 Resp: 550913
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 100.319 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106656.D

Acq: 21 Jun 2018 12:45

Instrument :

BNA_F

ClientSampleId :

TP-11-S

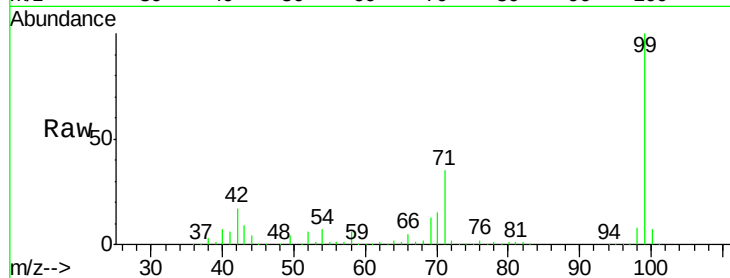
Tgt Ion: 99 Resp: 706352

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

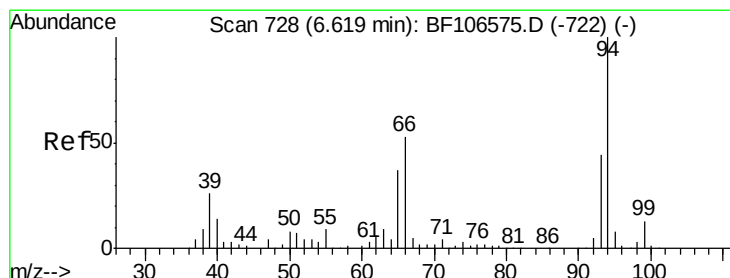
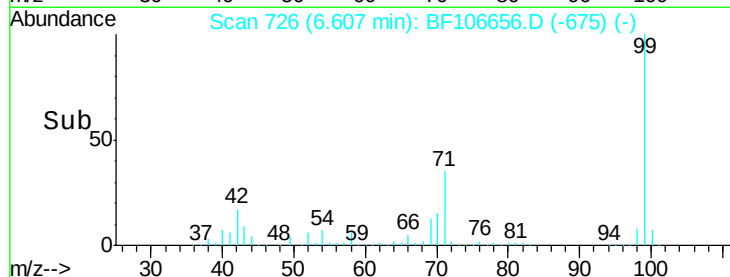
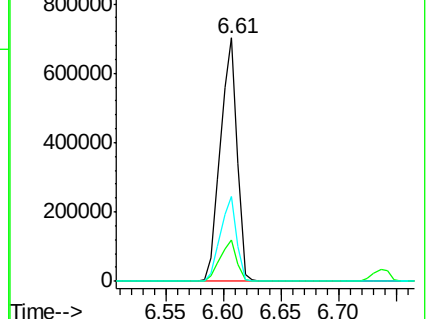
71 34.7 25.4 38.0



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



#10

Phenol

Concen: 2.199 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106656.D

Acq: 21 Jun 2018 12:45

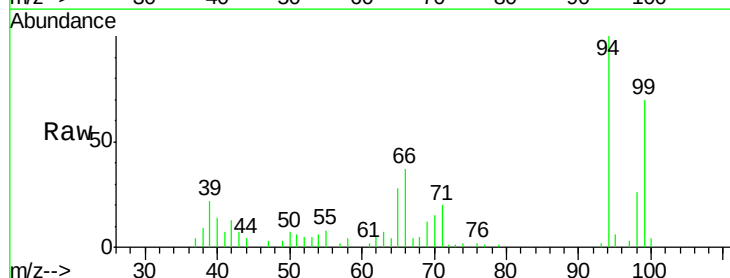
Tgt Ion: 94 Resp: 17671

Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

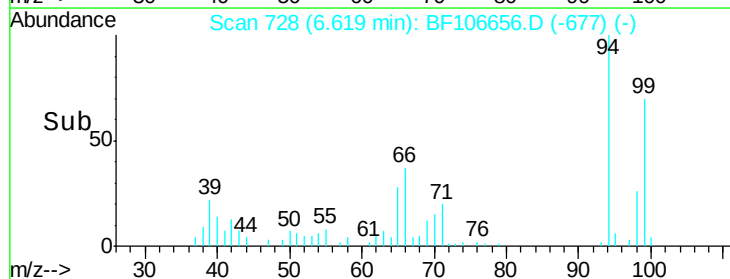
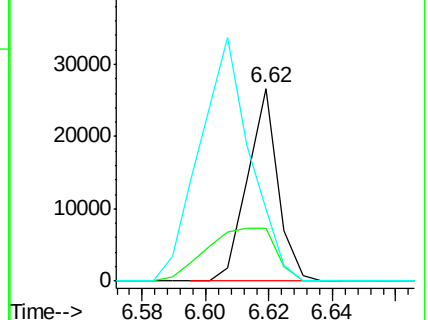
66 37.4 16.2 56.2

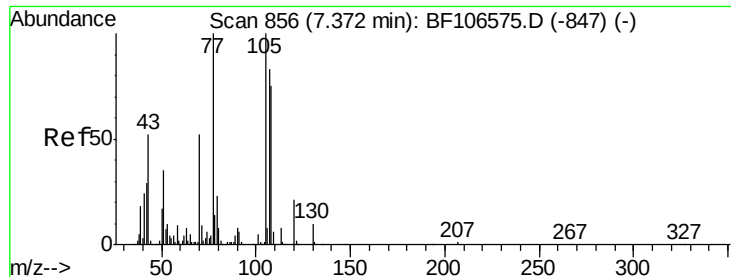


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

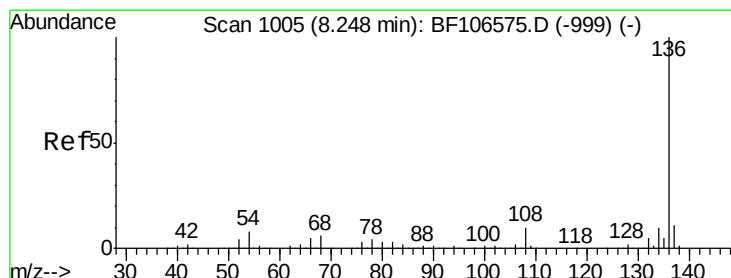
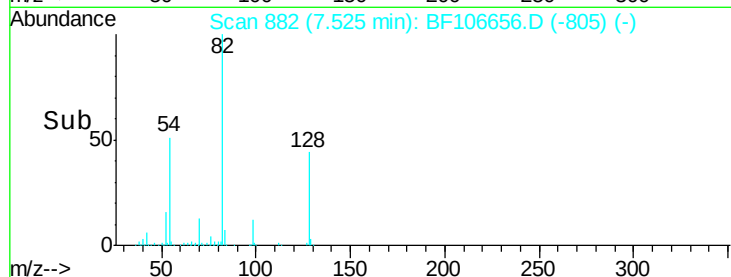
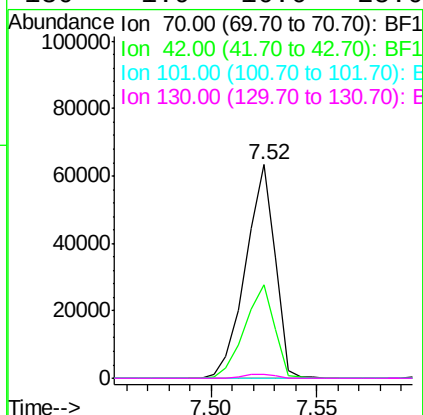
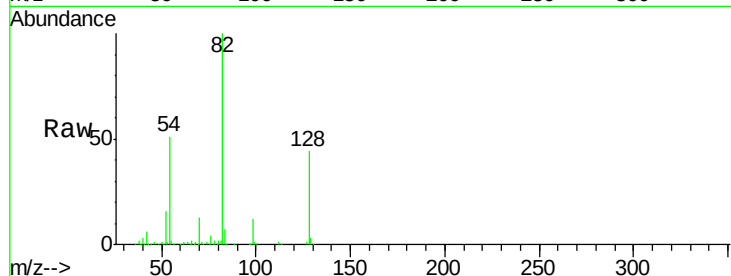




#19
n-Nitroso-di-n-propylamine
Concen: 13.233 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106656.D
Acq: 21 Jun 2018 12:45

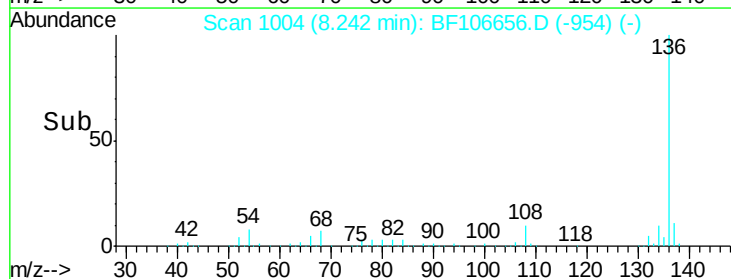
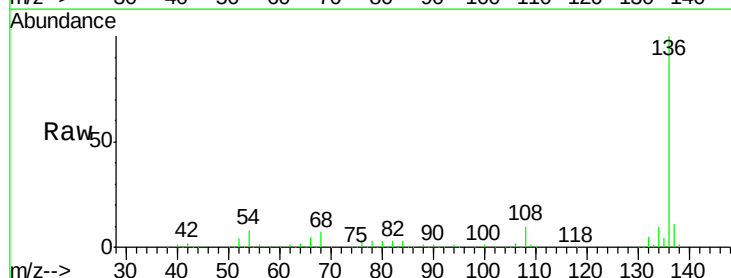
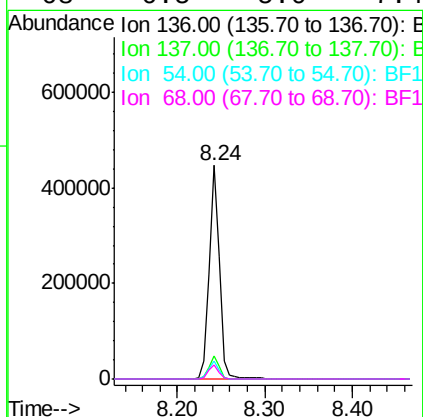
Instrument :
BNA_F
ClientSampleId :
TP-11-S

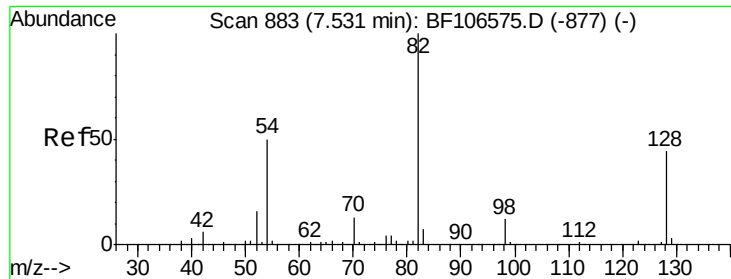
Tgt Ion: 70 Resp: 61417
Ion Ratio Lower Upper
70 100
42 44.0 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106656.D
Acq: 21 Jun 2018 12:45

Tgt Ion: 136 Resp: 365755
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.4 6.6 9.8
68 6.5 5.0 7.4

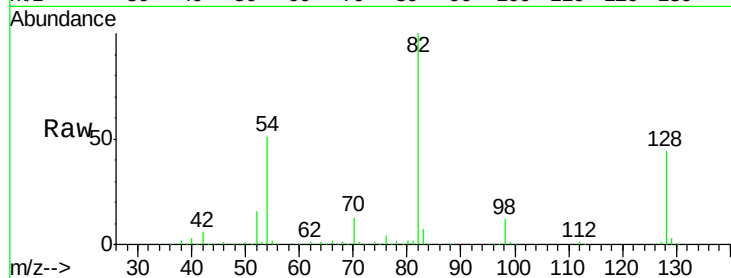




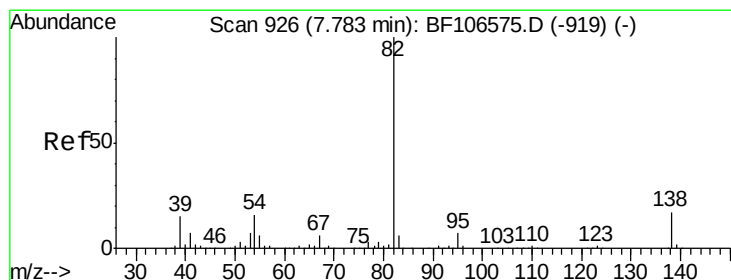
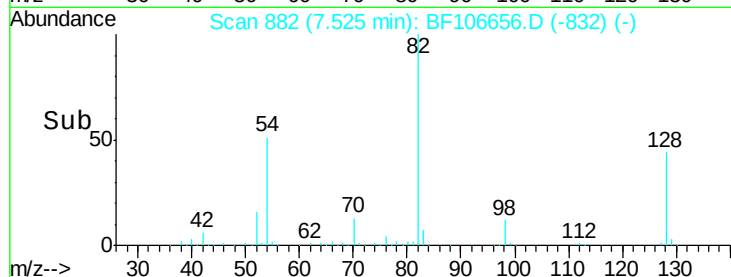
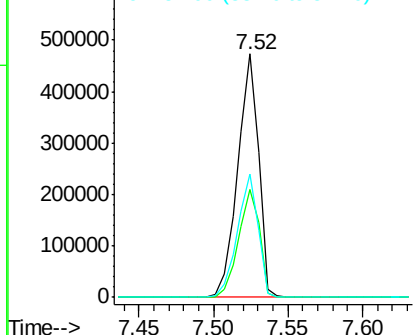
#23
 Nitrobenzene-d5
 Concen: 70.477 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106656.D
 Acq: 21 Jun 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Tgt Ion: 82 Resp: 463843
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.1 54.1
 54 50.6 41.4 62.2

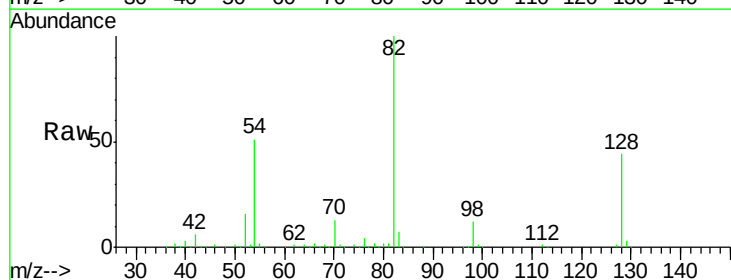


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

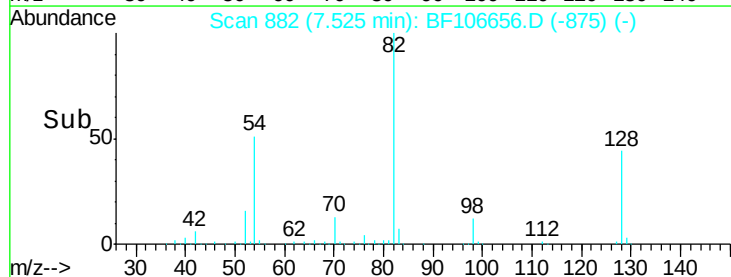
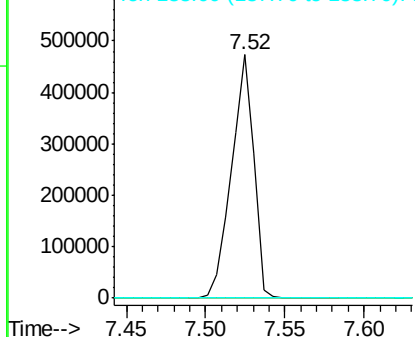


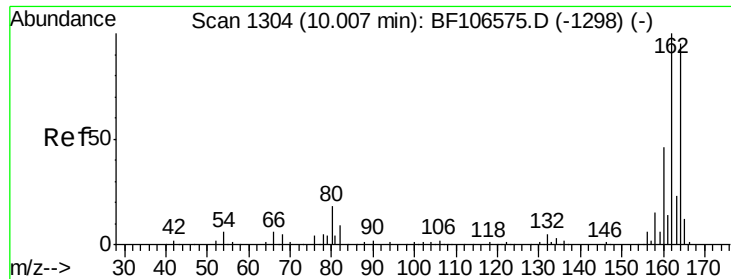
#25
 Isophorone
 Concen: 39.994 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106656.D
 Acq: 21 Jun 2018 12:45

Tgt Ion: 82 Resp: 463833
 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

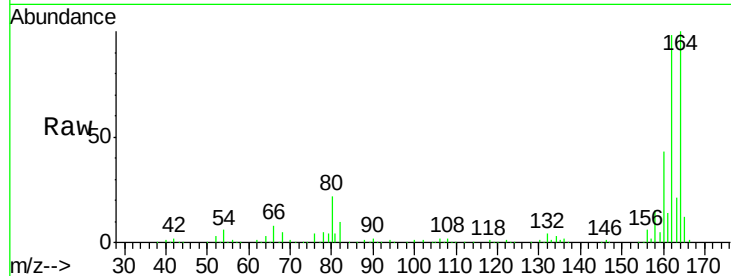




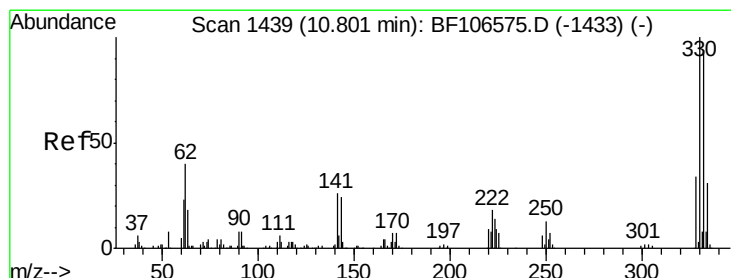
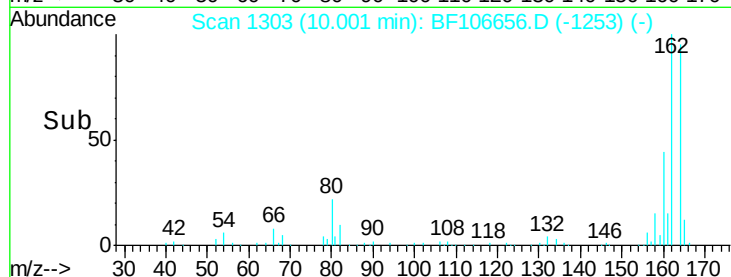
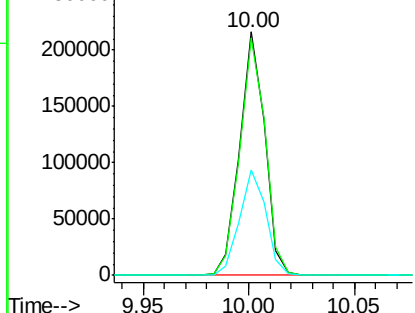
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106656.D
 Acq: 21 Jun 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Tgt Ion:164 Resp: 177086
 Ion Ratio Lower Upper
 164 100
 162 97.7 86.1 129.1
 160 43.2 38.3 57.5

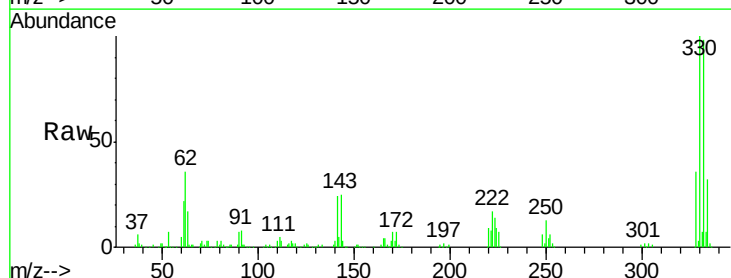


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

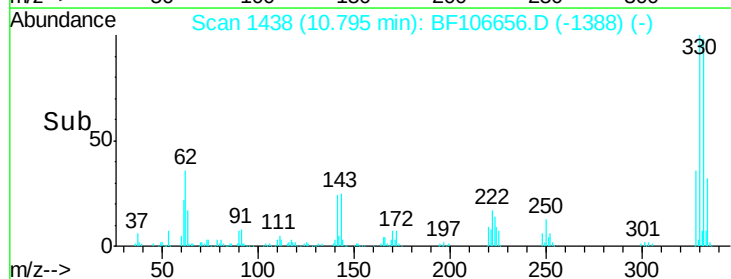
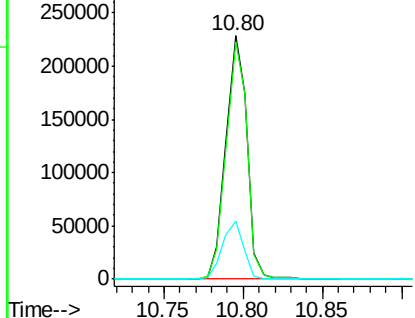


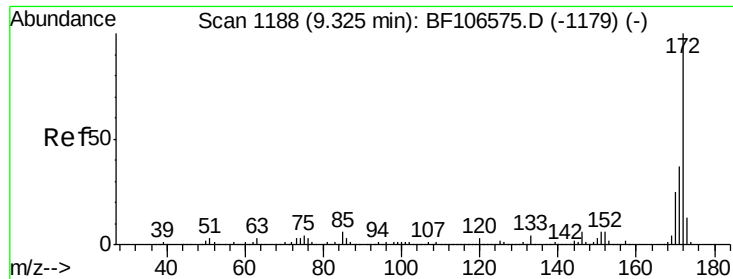
#41
 2,4,6-Tribromophenol
 Concen: 103.021 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106656.D
 Acq: 21 Jun 2018 12:45

Tgt Ion:330 Resp: 211447
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 24.1 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

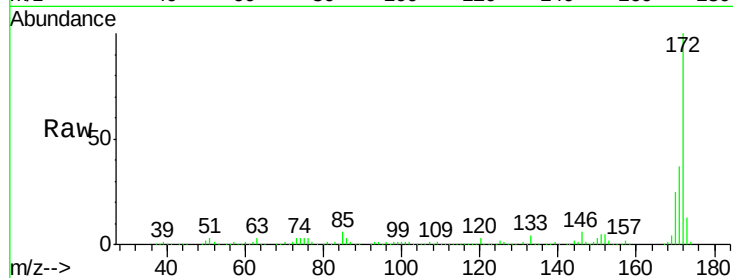




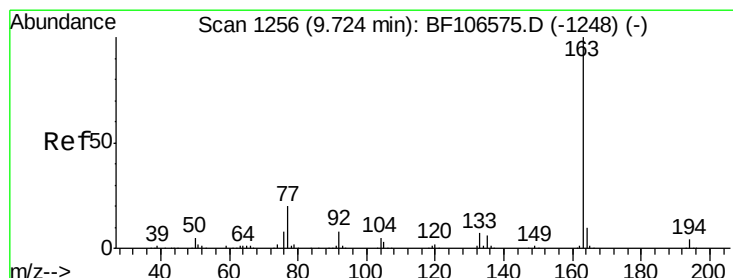
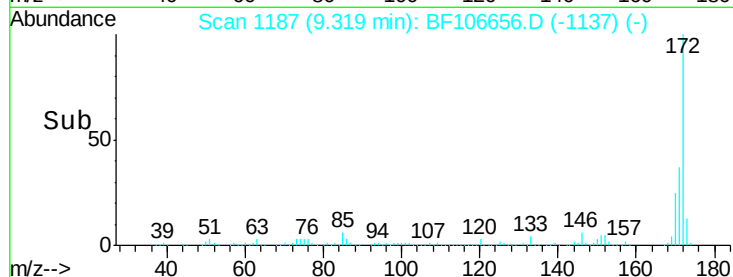
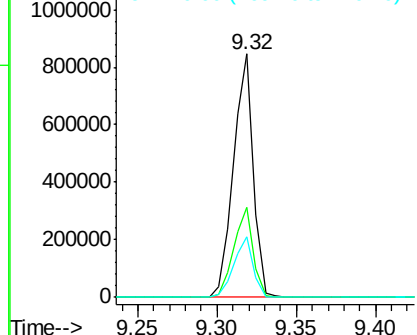
#44
2-Fluorobiphenyl
Concen: 67.051 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106656.D
Acq: 21 Jun 2018 12:45

Instrument :
BNA_F
ClientSampled :
TP-11-S

Tgt Ion:172 Resp: 734091
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.9 19.6 29.4

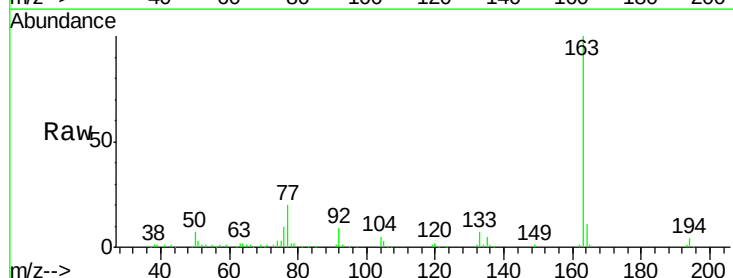


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

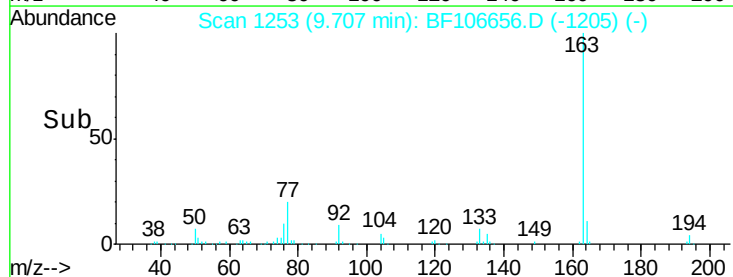
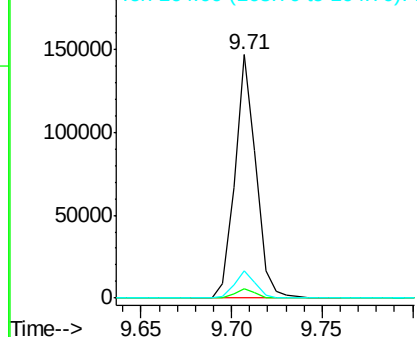


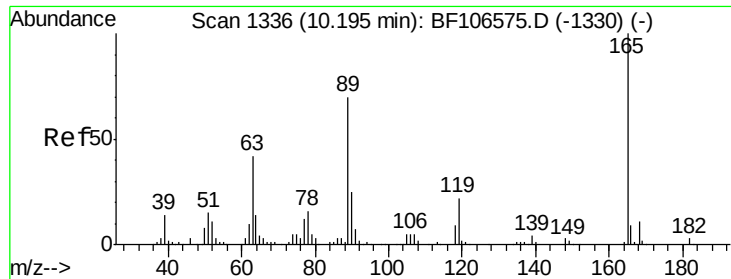
#49
Dimethylphthalate
Concen: 8.934 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106656.D
Acq: 21 Jun 2018 12:45

Tgt Ion:163 Resp: 118657
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

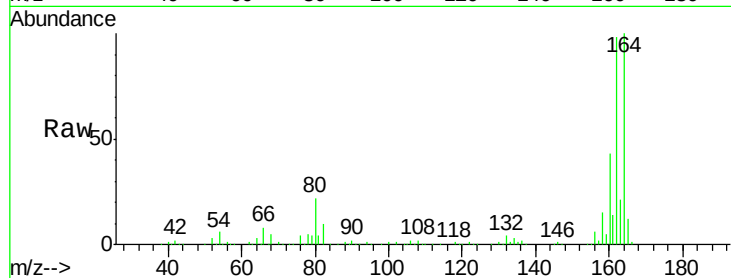




#56
2,4-Dinitrotoluene
Concen: 6.038 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106656.D
Acq: 21 Jun 2018 12:45

Instrument :
BNA_F
ClientSampleId :
TP-11-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

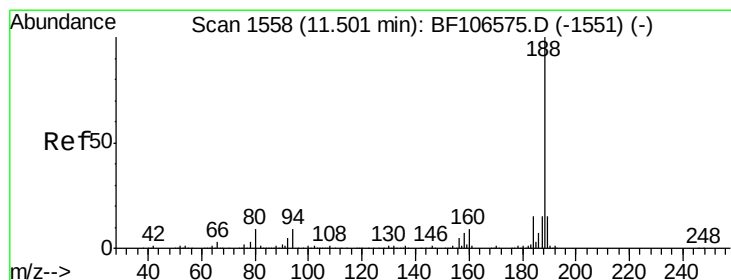
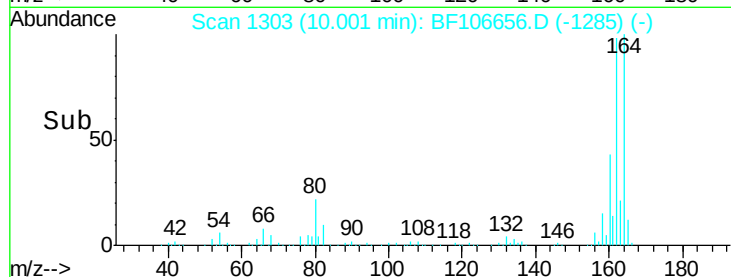
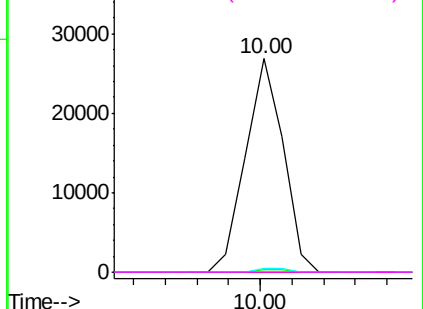


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

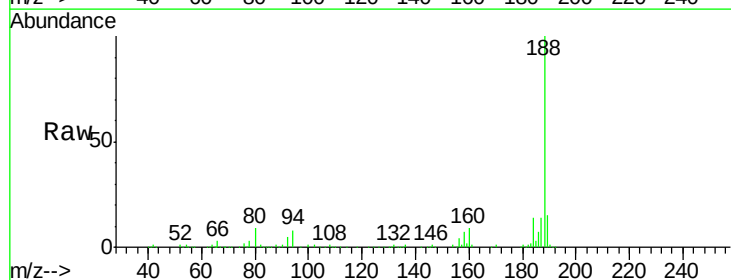
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106656.D
Acq: 21 Jun 2018 12:45

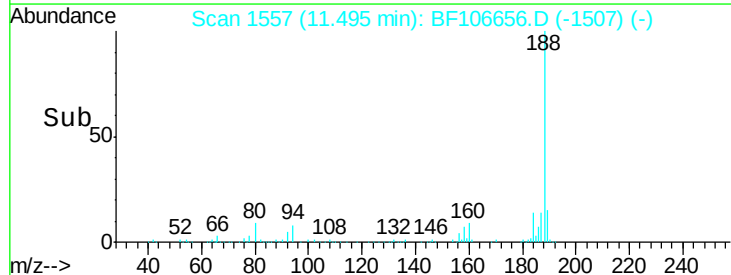
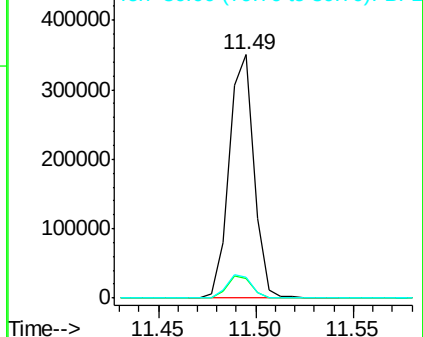
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.8	9.2	13.8#

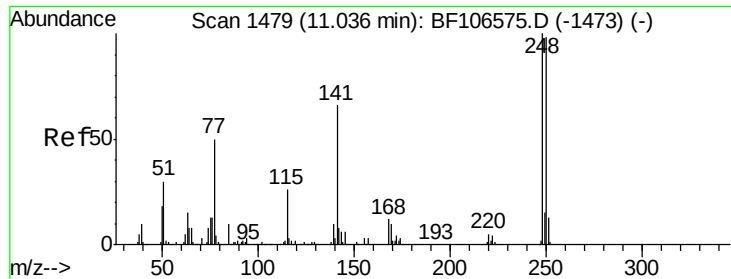


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

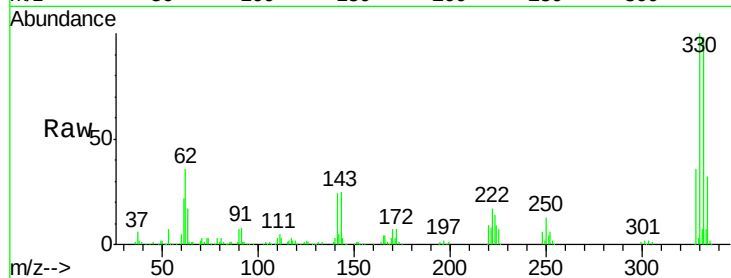




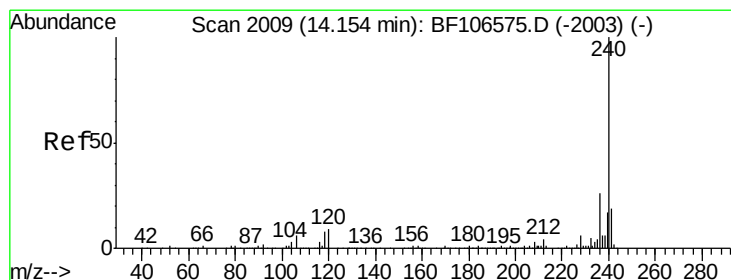
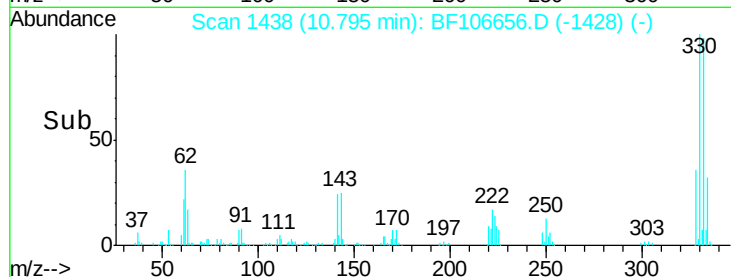
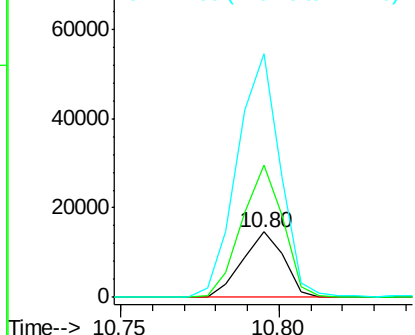
#66
4-Bromophenyl-phenylether
Concen: 3.561 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106656.D
Acq: 21 Jun 2018 12:45

Instrument :
BNA_F
ClientSampleId :
TP-11-S

Tgt Ion:248 Resp: 13188
Ion Ratio Lower Upper
248 100
250 203.4 76.9 115.3#
141 374.0 74.4 111.6#

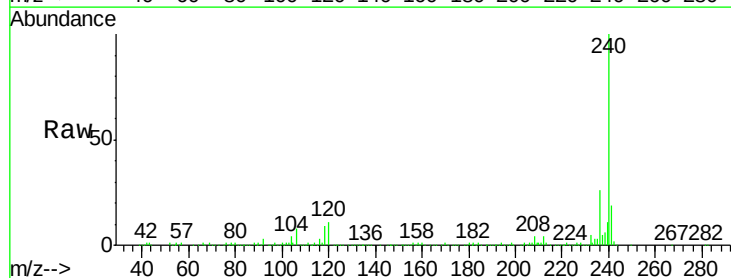


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

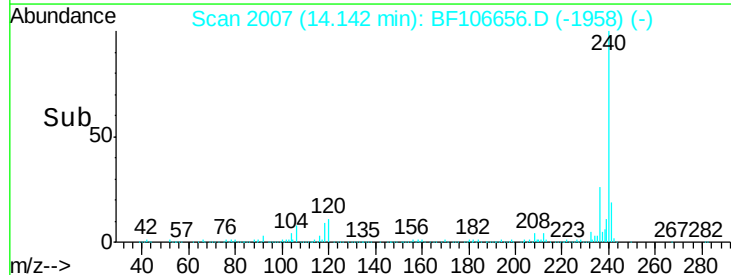
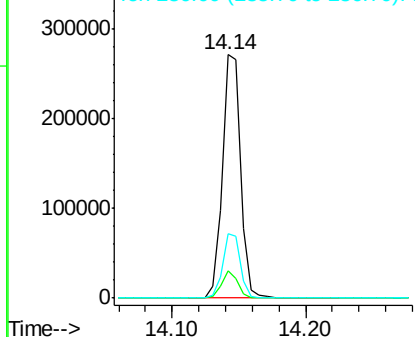


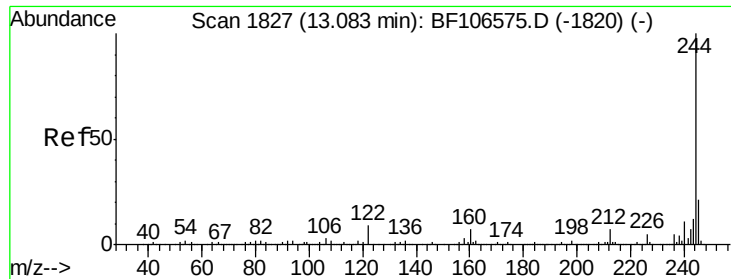
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106656.D
Acq: 21 Jun 2018 12:45

Tgt Ion:240 Resp: 262654
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 26.2 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

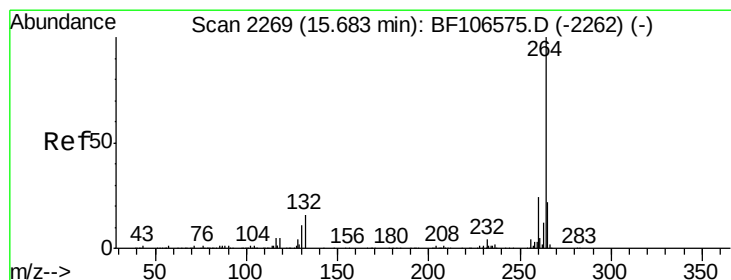
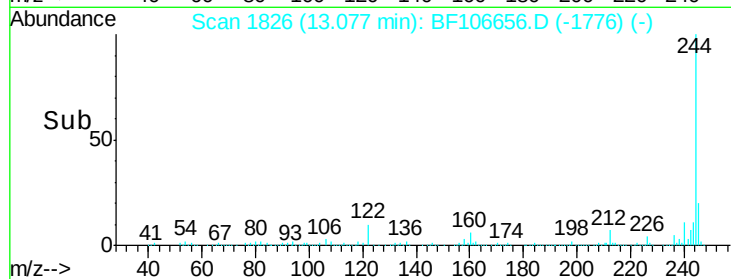
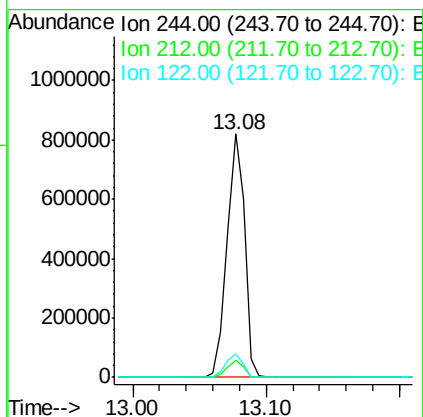
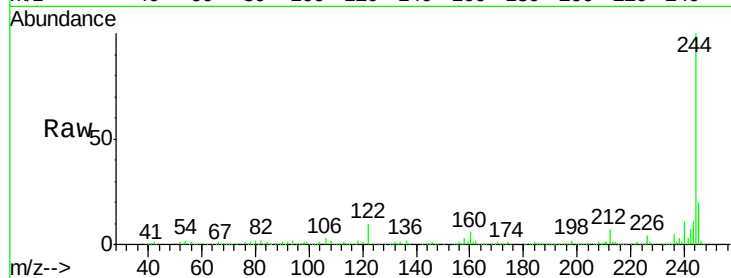




#78
 Terphenyl-d14
 Concen: 70.766 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106656.D
 Acq: 21 Jun 2018 12:45

Instrument :
 BNA_F
 ClientSampled :
 TP-11-S

Tgt Ion:244 Resp: 767325
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 9.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF106656.D
 Acq: 21 Jun 2018 12:45

Tgt Ion:264 Resp: 206524
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.7 17.5 26.3

