

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106640.D
 Acq On : 21 Jun 2018 00:36
 Operator : JU/SJ
 Sample : J3575-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Jun 21 04:22:13 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

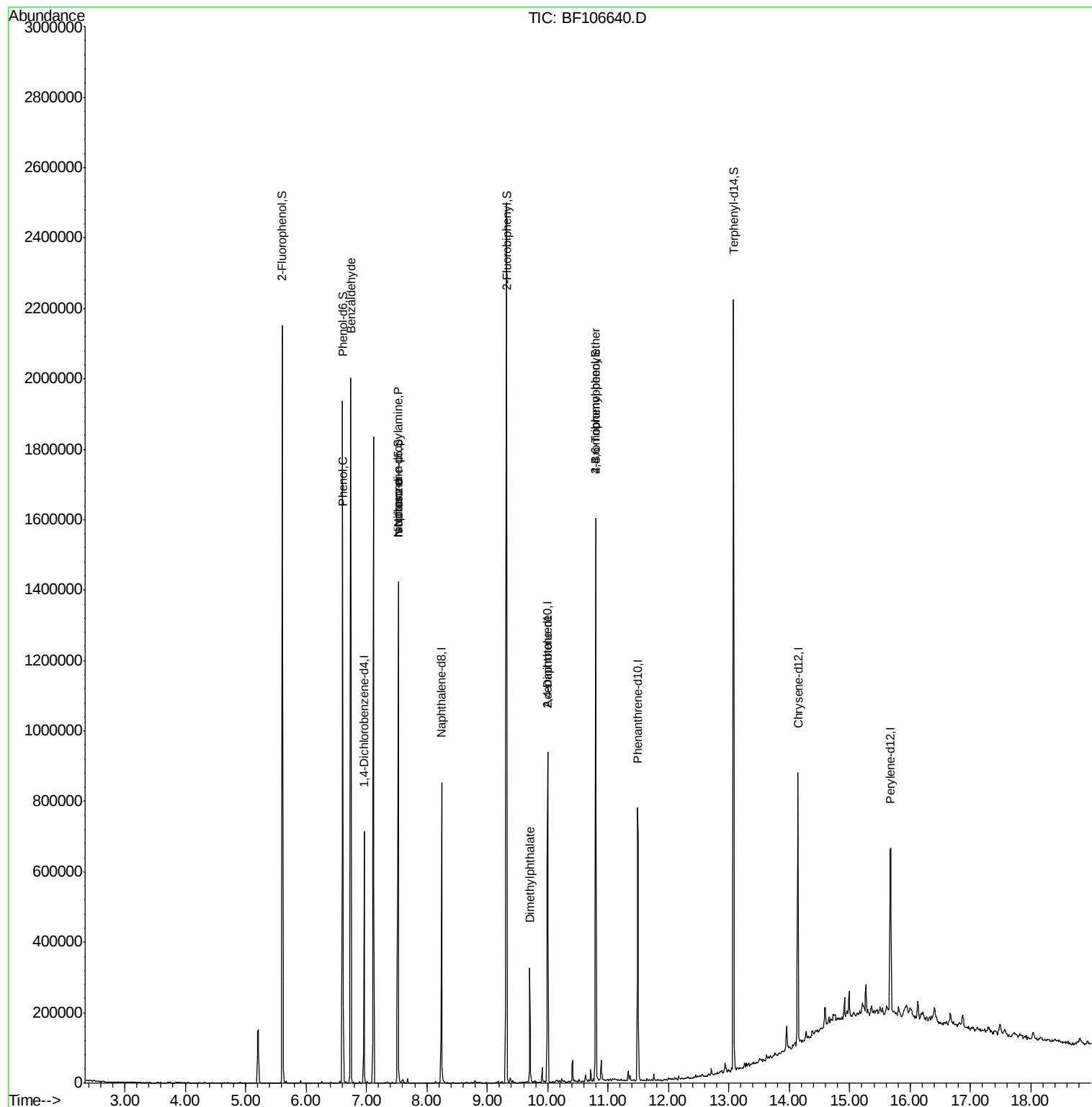
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93047	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	358776	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	173742	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	295638	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	260238	20.00	ng	-0.01
86) Perylene-d12	15.68	264	233106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	582920	106.08	ng	0.00
7) Phenol-d6	6.61	99	745782	108.68	ng	0.00
23) Nitrobenzene-d5	7.52	82	493221	76.40	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	221202	109.85	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	831488	80.17	ng	0.00
78) Terphenyl-d14	13.08	244	752080	70.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	13478	2.334	ng	Qvalue 80
10) Phenol	6.62	94	17397	2.221	ng	93
19) n-Nitroso-di-n-propylamine	7.52	70	64783	14.322	ng	# 74
25) Isophorone	7.52	82	493215	43.355	ng	# 64
49) Dimethylphthalate	9.71	163	116330	8.927	ng	98
56) 2,4-Dinitrotoluene	10.00	165	22874	6.351	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	13589	3.851	ng	# 1

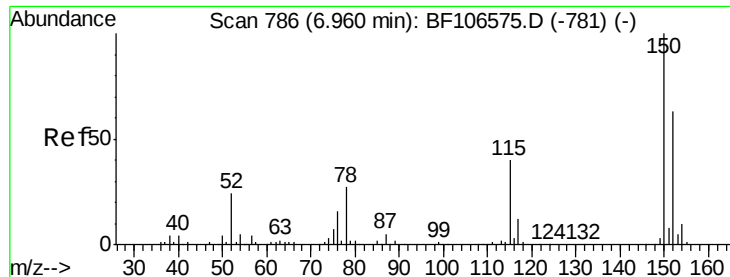
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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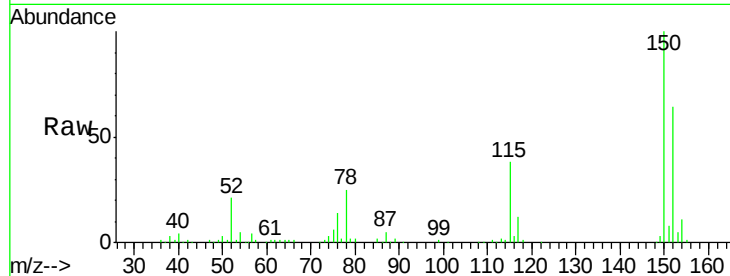


#1

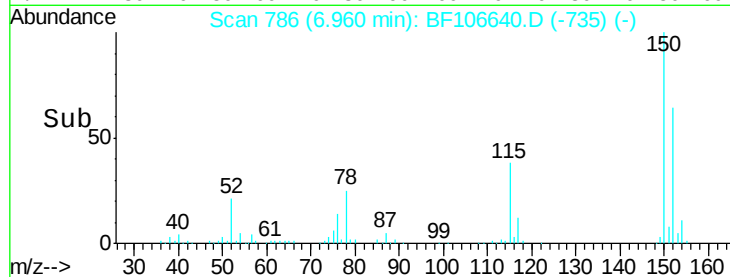
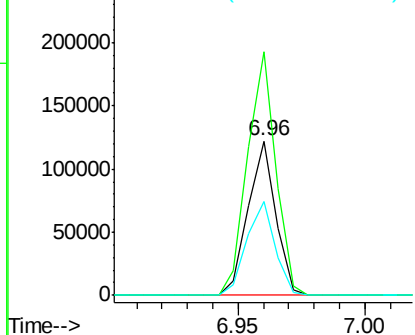
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106640.D
Acq: 21 Jun 2018 00:36

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:152 Resp: 93047
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 60.6 50.1 75.1



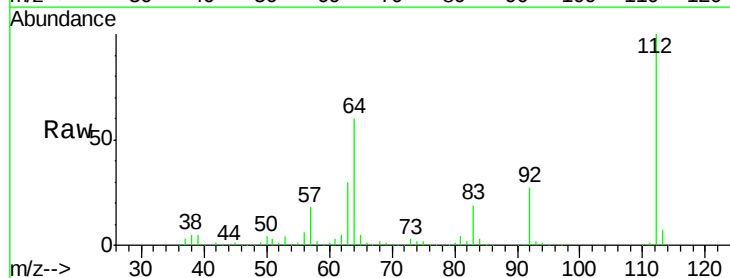
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



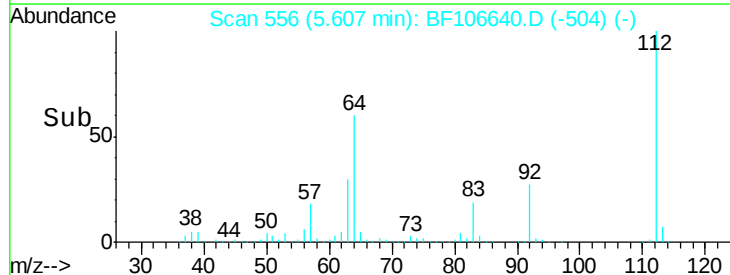
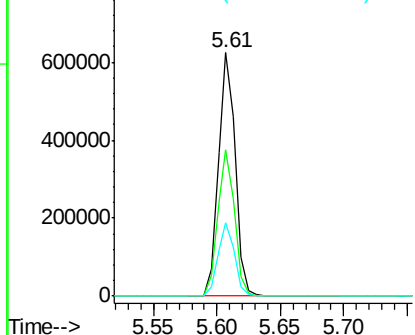
#5

2-Fluorophenol
Concen: 106.083 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106640.D
Acq: 21 Jun 2018 00:36

Tgt Ion:112 Resp: 582920
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 30.0 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: 108.681 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106640.D

Acq: 21 Jun 2018 00:36

Instrument :

BNA_F

ClientSampleId :

TP-10

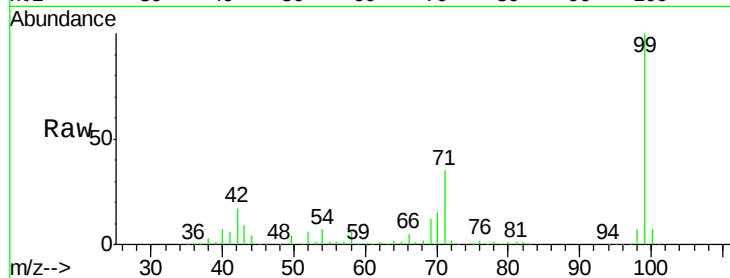
Tgt Ion: 99 Resp: 745782

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

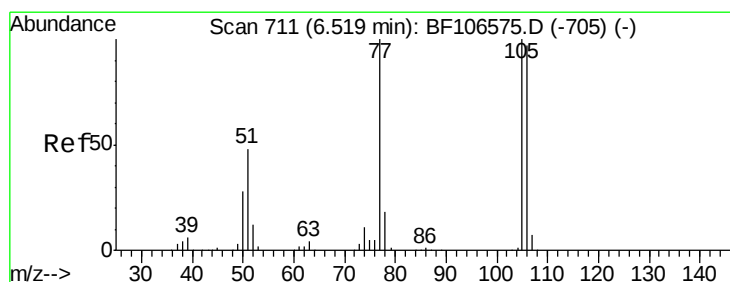
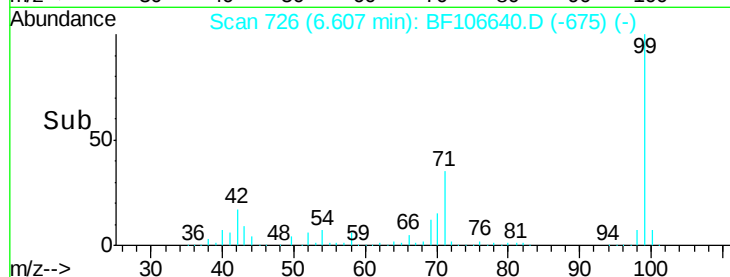
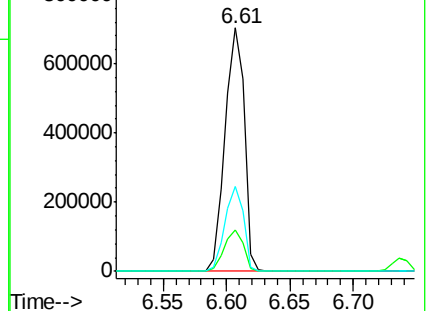
71 34.9 25.4 38.0



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: 2.334 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106640.D

Acq: 21 Jun 2018 00:36

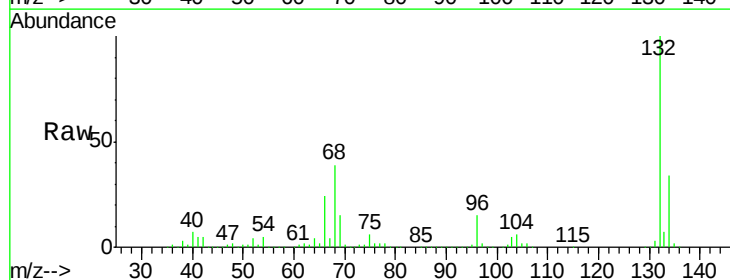
Tgt Ion: 77 Resp: 13478

Ion Ratio Lower Upper

77 100

105 81.8 81.1 121.1

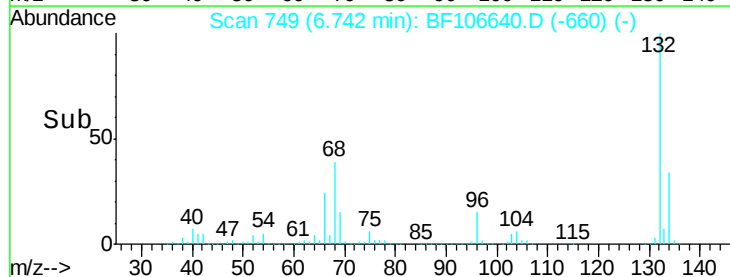
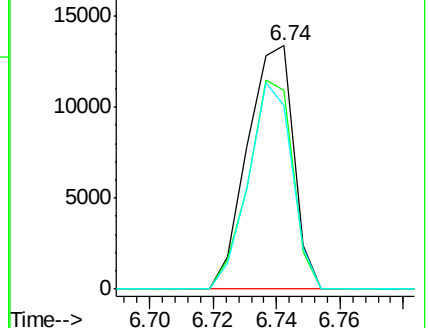
106 75.2 74.5 114.5

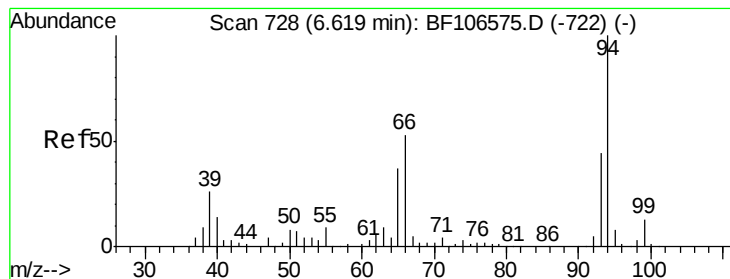


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.221 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106640.D

Acq: 21 Jun 2018 00:36

Instrument :

BNA_F

ClientSampleId :

TP-10

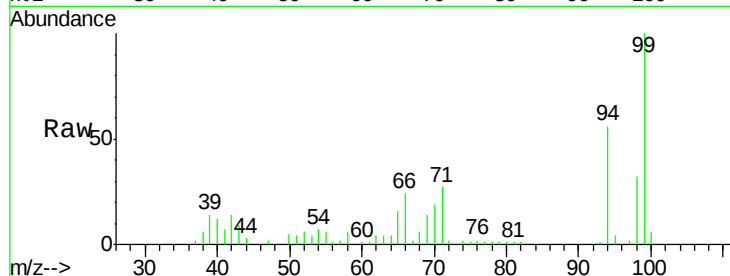
Tgt Ion: 94 Resp: 17397

Ion Ratio Lower Upper

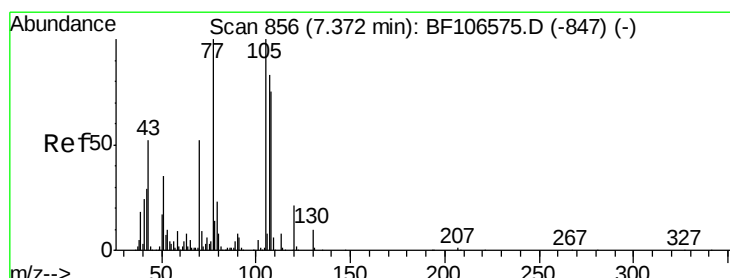
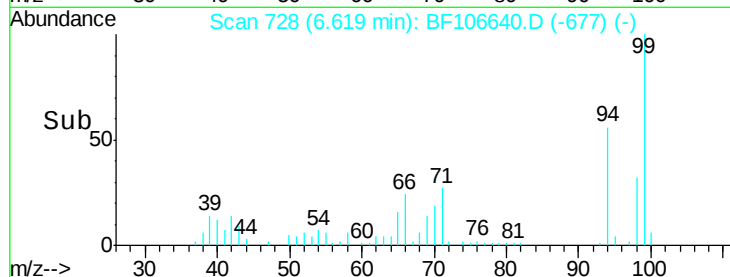
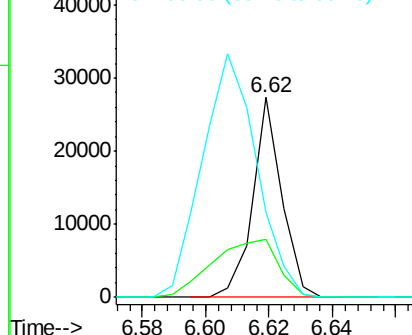
94 100

65 29.2 7.9 47.9

66 42.7 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: 14.322 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106640.D

Acq: 21 Jun 2018 00:36

Tgt Ion: 70 Resp: 64783

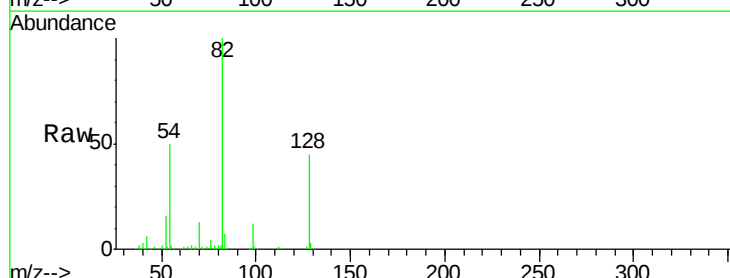
Ion Ratio Lower Upper

70 100

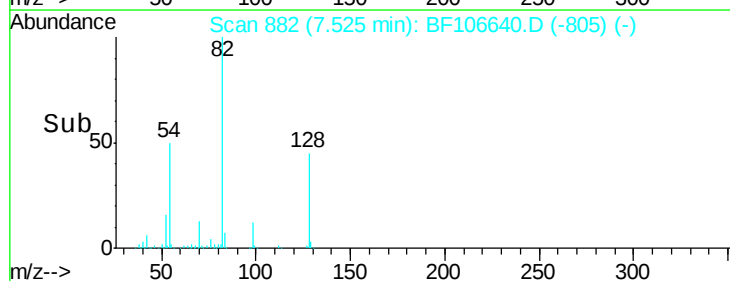
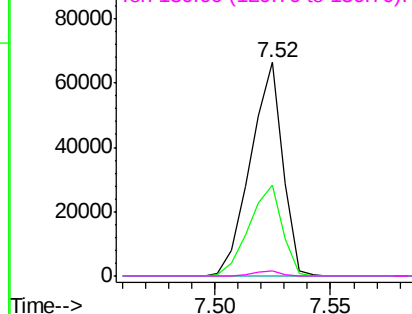
42 42.8 47.5 71.3#

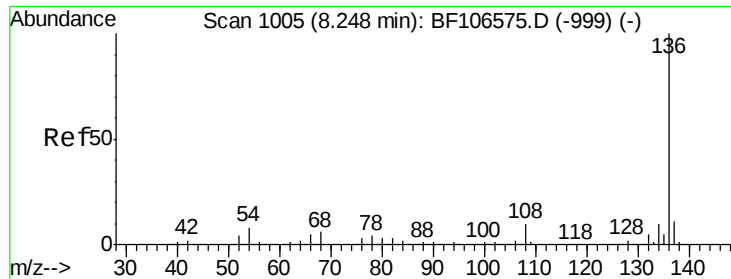
101 0.0 7.4 11.2#

130 2.6 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

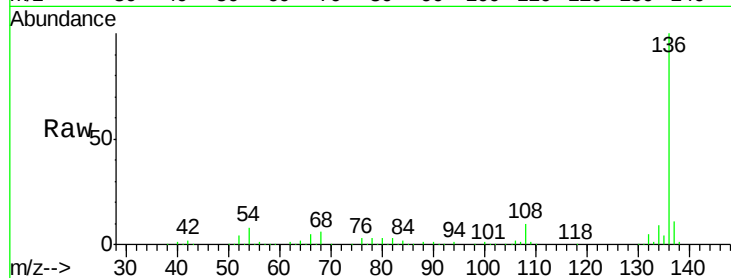




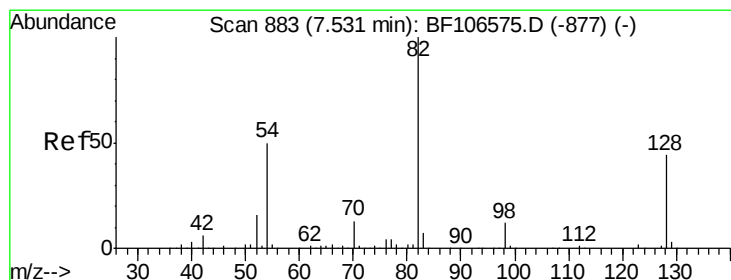
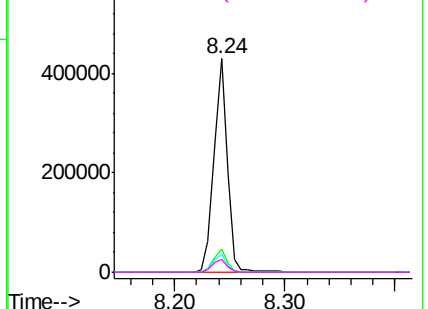
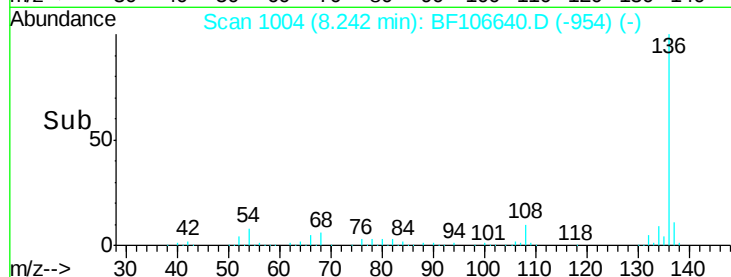
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106640.D
Acq: 21 Jun 2018 00:36

Instrument :
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TP-10

Tgt Ion: 136 Resp: 358776
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.1 6.6 9.8
68 6.2 5.0 7.4

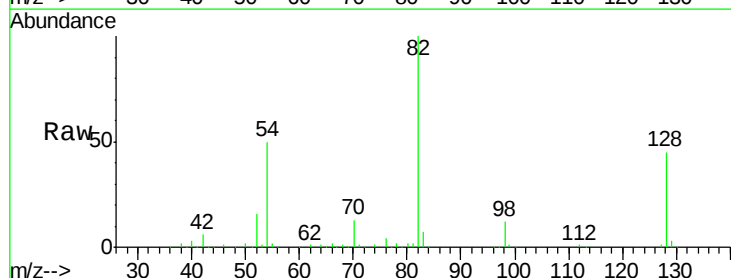


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

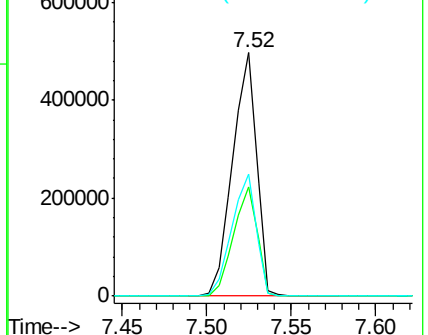
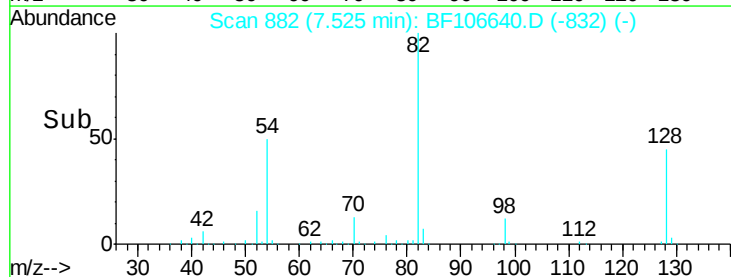


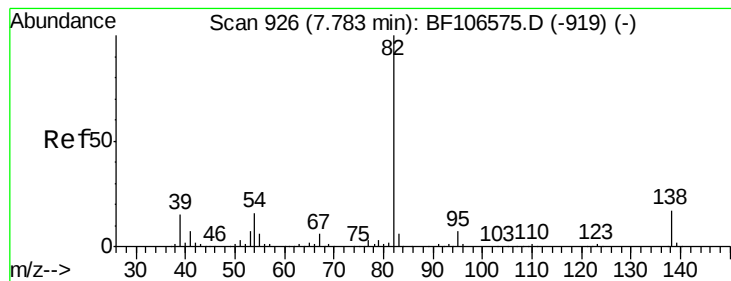
#23
Nitrobenzene-d5
Concen: 76.399 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106640.D
Acq: 21 Jun 2018 00:36

Tgt Ion: 82 Resp: 493221
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 50.1 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: 43.355 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106640.D

Acq: 21 Jun 2018 00:36

Instrument :

BNA_F

ClientSampleId :

TP-10

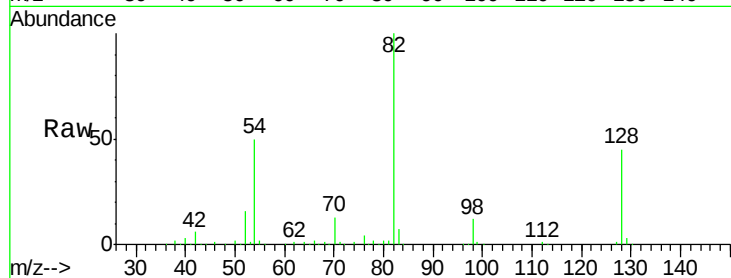
Tgt Ion: 82 Resp: 493215

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

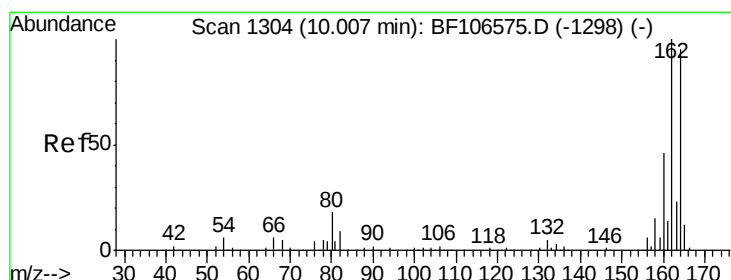
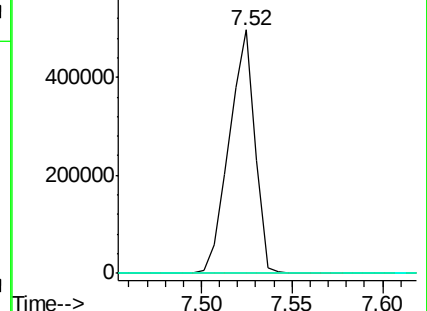
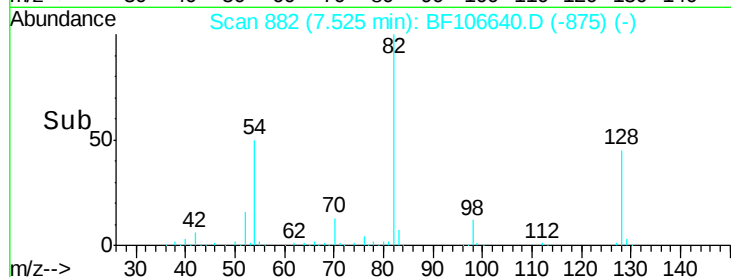
138 0.0 14.9 22.3#



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: BF106640.D

Acq: 21 Jun 2018 00:36

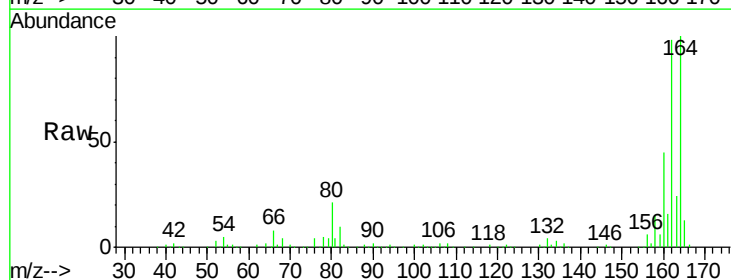
Tgt Ion: 164 Resp: 173742

Ion Ratio Lower Upper

164 100

162 97.5 86.1 129.1

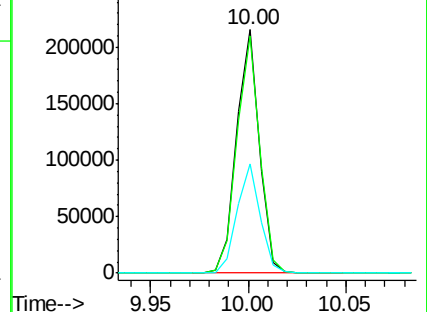
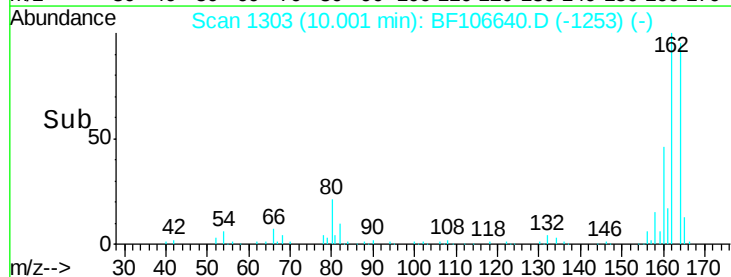
160 44.8 38.3 57.5



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

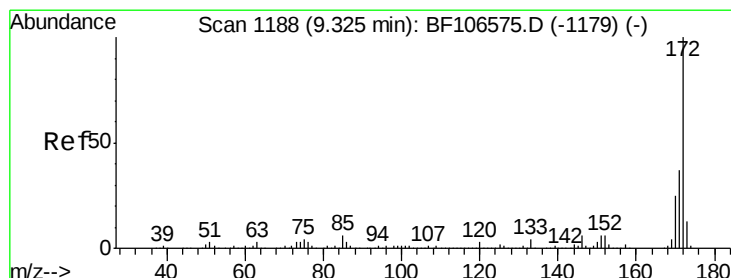
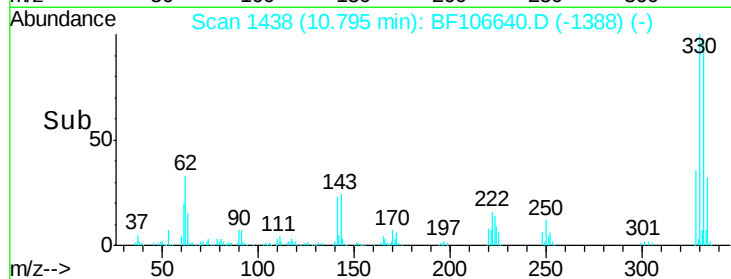
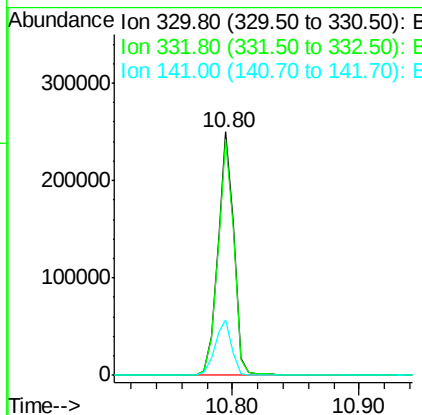
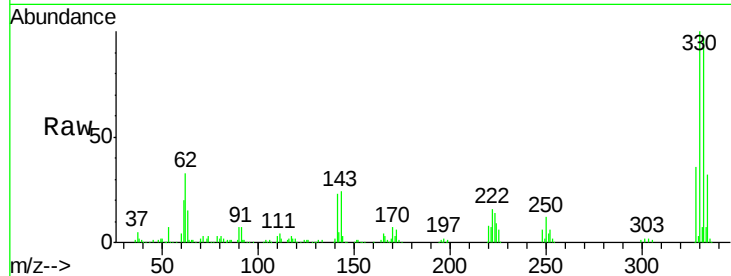




#41
 2,4,6-Tribromophenol
 Concen: 109.848 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106640.D
 Acq: 21 Jun 2018 00:36

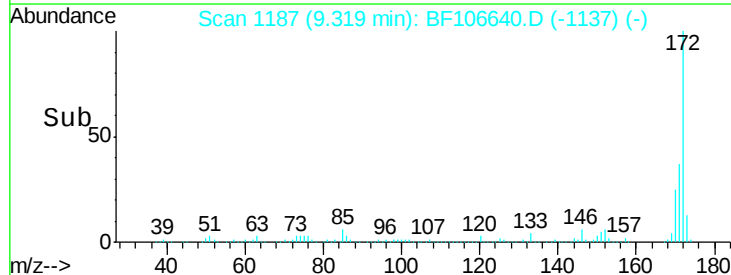
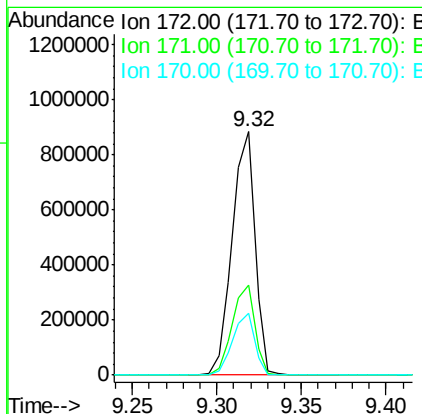
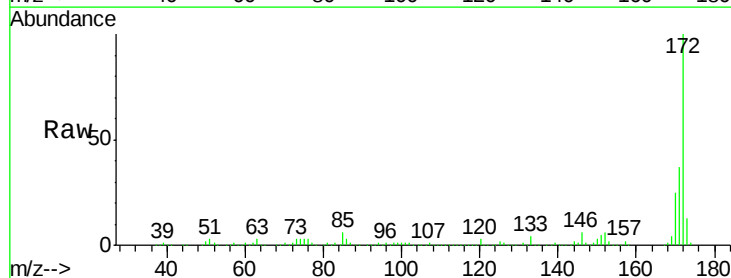
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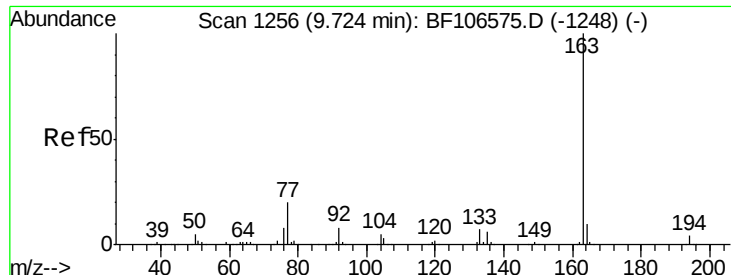
Tgt Ion:330 Resp: 221202
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 23.9 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 80.166 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106640.D
 Acq: 21 Jun 2018 00:36

Tgt Ion:172 Resp: 831488
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 25.2 19.6 29.4

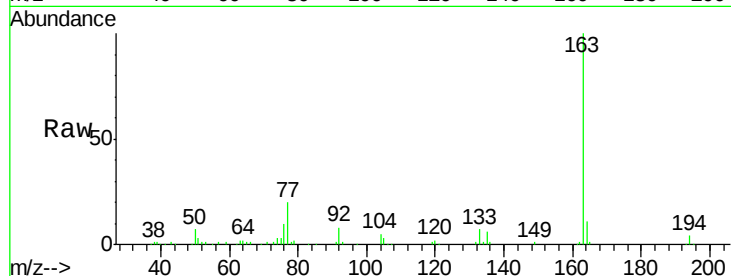




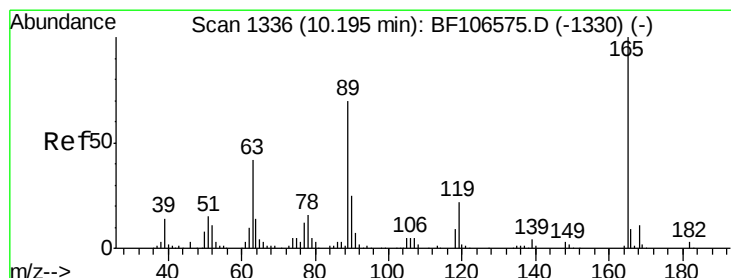
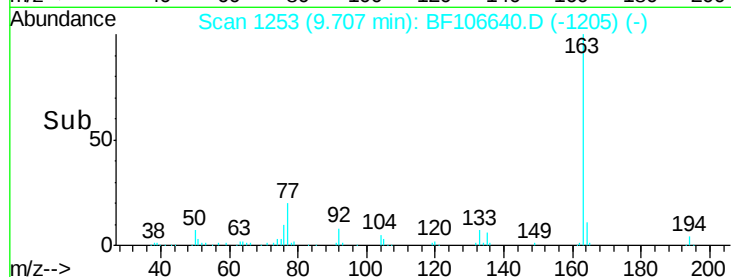
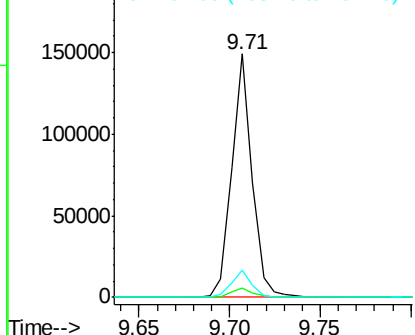
#49
Dimethylphthalate
Concen: 8.927 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106640.D
Acq: 21 Jun 2018 00:36

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:163 Resp: 116330
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.2 8.2 12.2

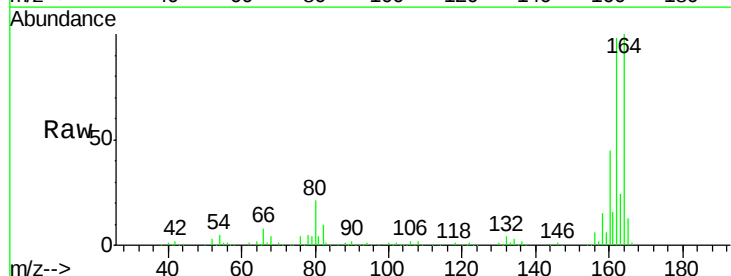


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

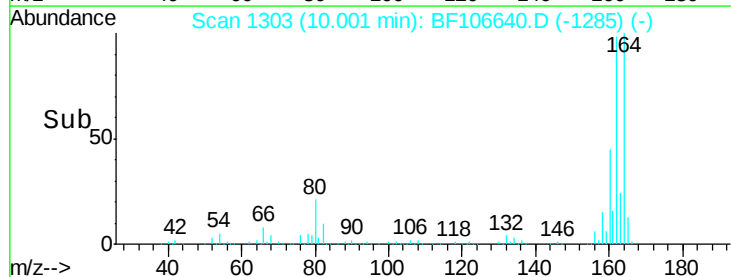
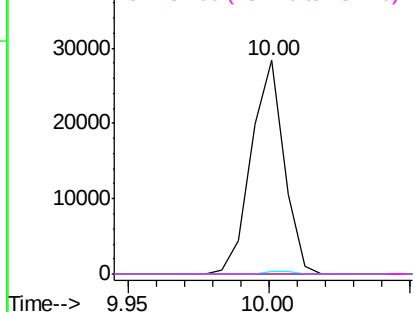


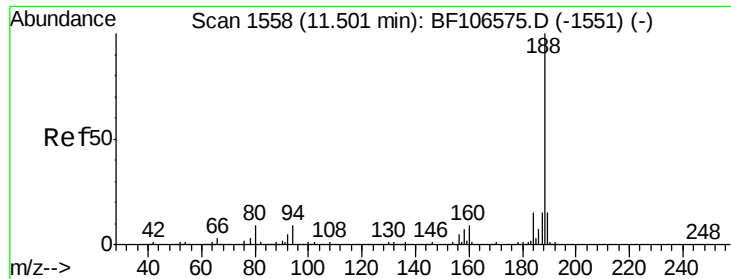
#56
2,4-Dinitrotoluene
Concen: 6.351 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106640.D
Acq: 21 Jun 2018 00:36

Tgt Ion:165 Resp: 22874
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#



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

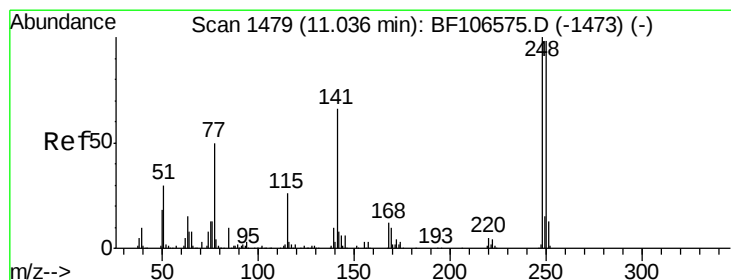
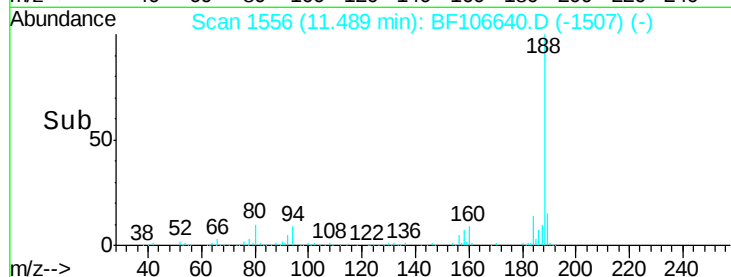
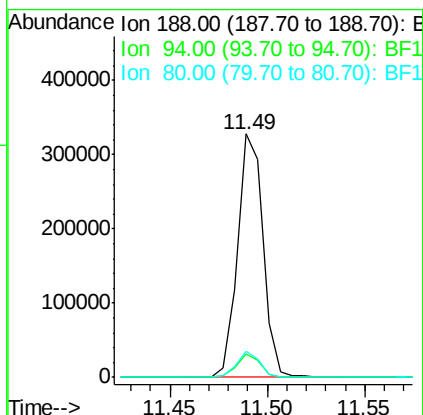
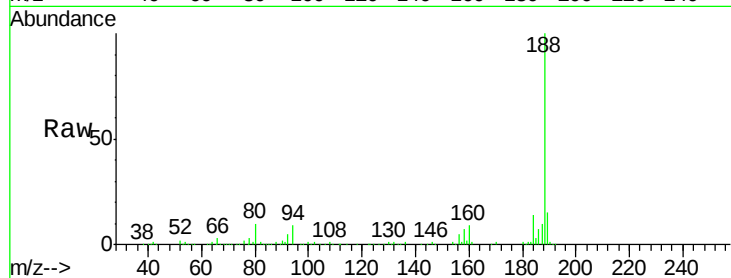




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106640.D
Acq: 21 Jun 2018 00:36

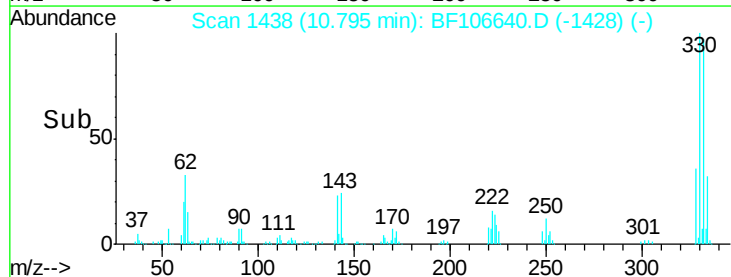
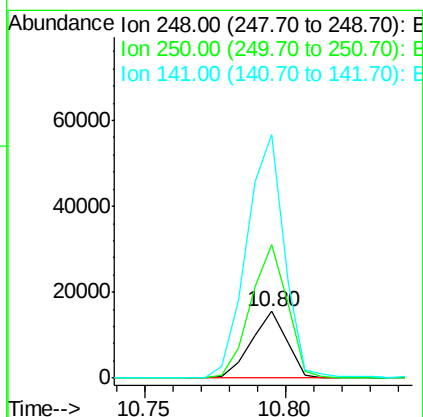
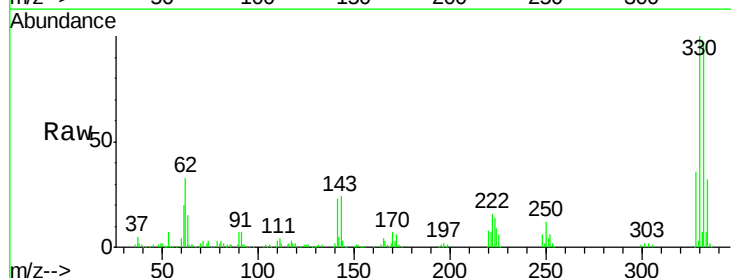
Instrument :
BNA_F
ClientSampleId :
TP-10

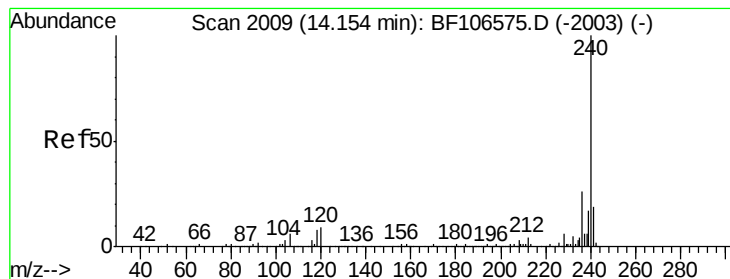
Tgt Ion:188 Resp: 295638
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.851 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106640.D
Acq: 21 Jun 2018 00:36

Tgt Ion:248 Resp: 13589
Ion Ratio Lower Upper
248 100
250 201.3 76.9 115.3#
141 365.5 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: BF106640.D

Acq: 21 Jun 2018 00:36

Instrument :

BNA_F

ClientSampleId :

TP-10

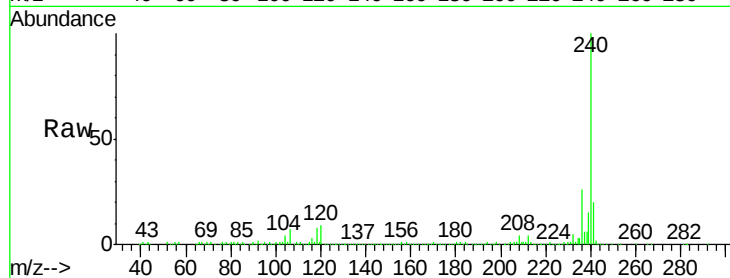
Tgt Ion:240 Resp: 260238

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

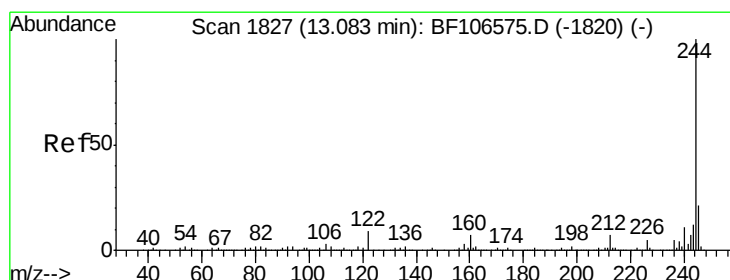
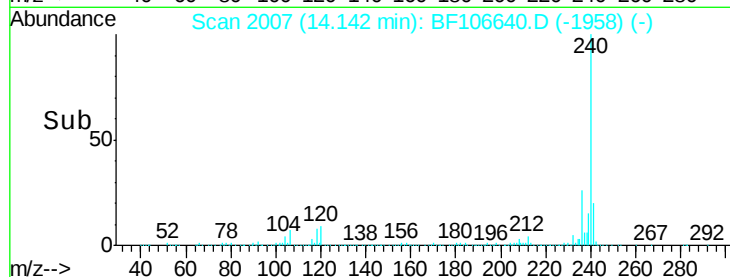
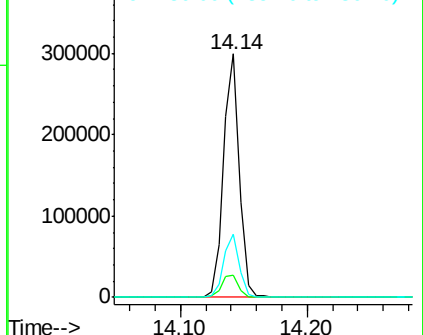
236 25.9 20.7 31.1



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: 70.004 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106640.D

Acq: 21 Jun 2018 00:36

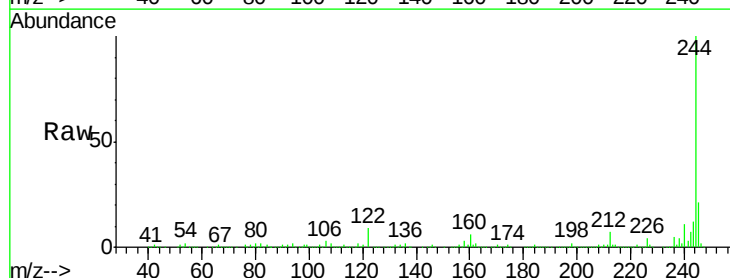
Tgt Ion:244 Resp: 752080

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

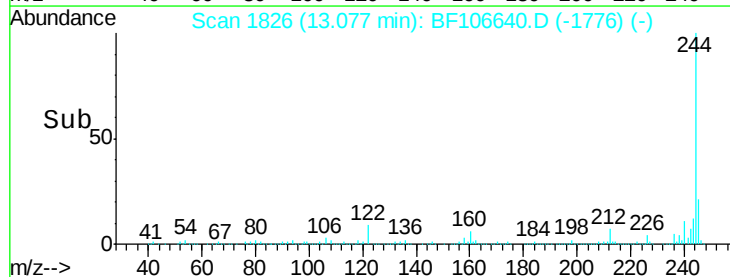
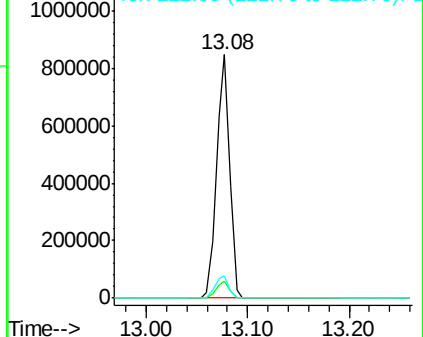
122 8.9 11.0 16.4#

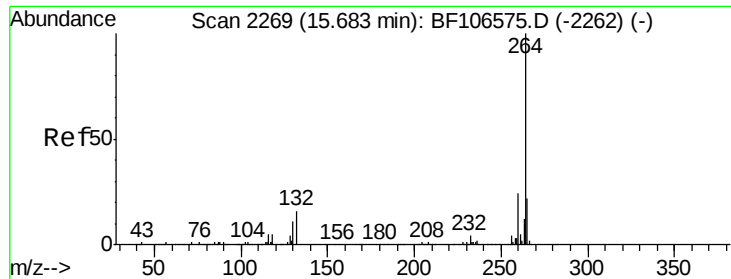


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF106640.D
Acq: 21 Jun 2018 00:36

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion: 264 Resp: 233106

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.3	17.5	26.3

