

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106639.D
 Acq On : 21 Jun 2018 00:09
 Operator : JU/SJ
 Sample : J3575-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Jun 21 01:05:16 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

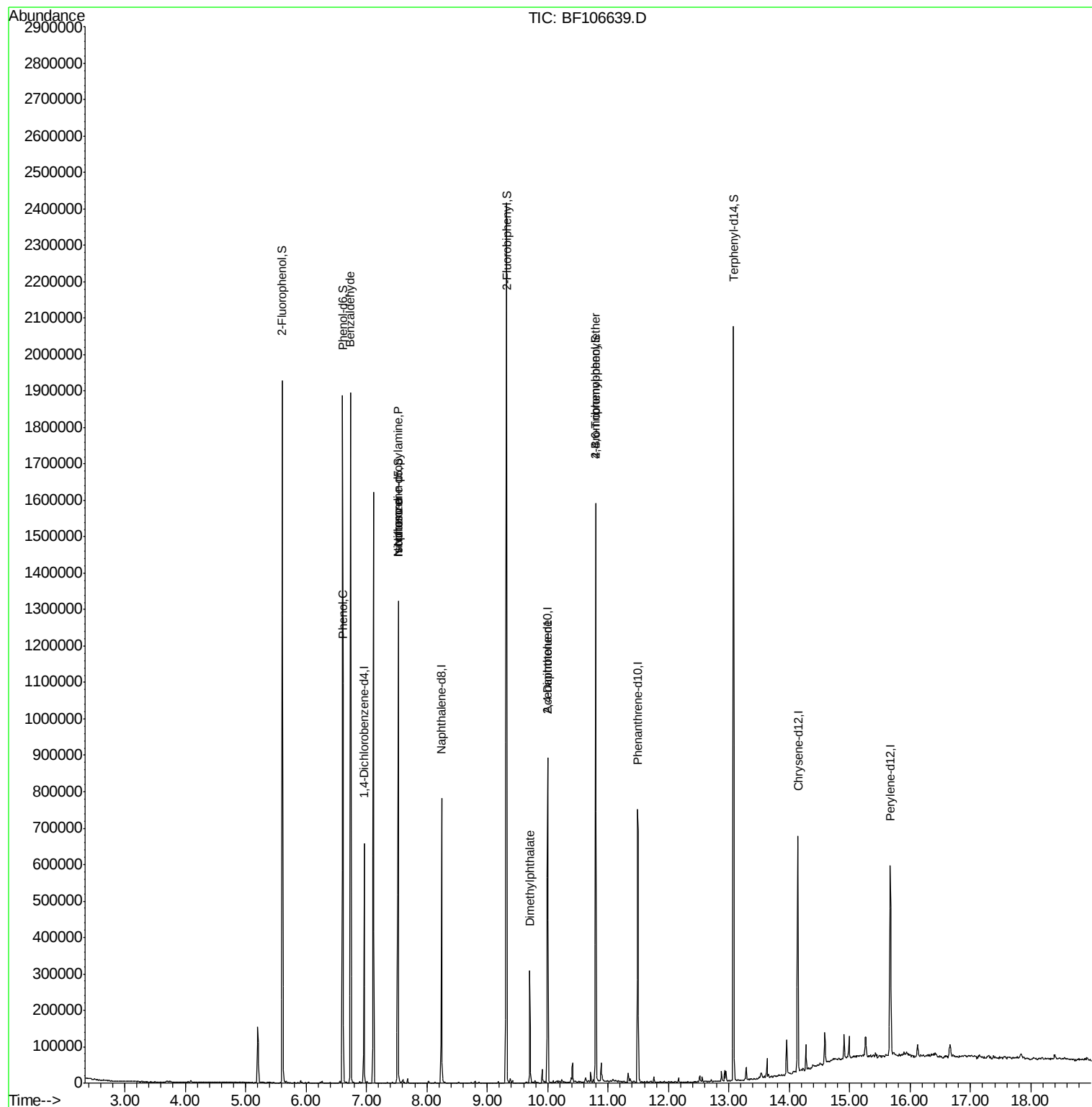
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	88197	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	331124	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	168417	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	295699	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	239525	20.00	ng	-0.01
86) Perylene-d12	15.67	264	239885	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	520272	99.89	ng	0.00
7) Phenol-d6	6.61	99	661091	101.64	ng	0.00
23) Nitrobenzene-d5	7.52	82	435476	73.09	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	209702	107.43	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	782658	77.33	ng	0.00
78) Terphenyl-d14	13.08	244	741140	74.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	11988	2.194	ng	Qvalue 86
10) Phenol	6.62	94	15844	2.134	ng	96
19) n-Nitroso-di-n-propylamine	7.52	70	56925	13.277	ng	# 73
25) Isophorone	7.52	82	435473	41.476	ng	# 64
49) Dimethylphthalate	9.71	163	107969	8.548	ng	# 97
56) 2,4-Dinitrotoluene	10.00	165	20907	5.988	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	12993	3.682	ng	# 1

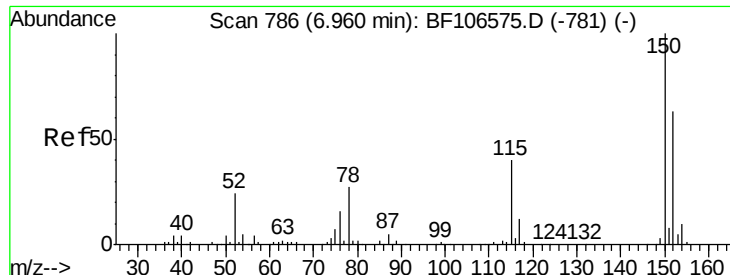
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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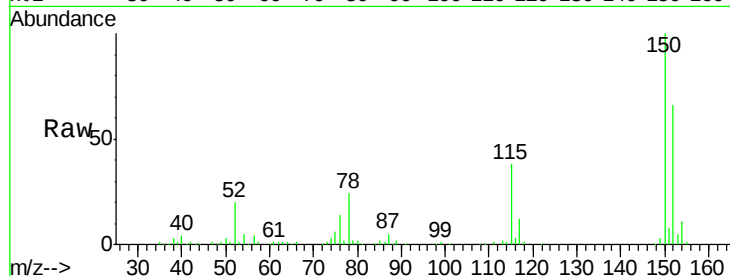




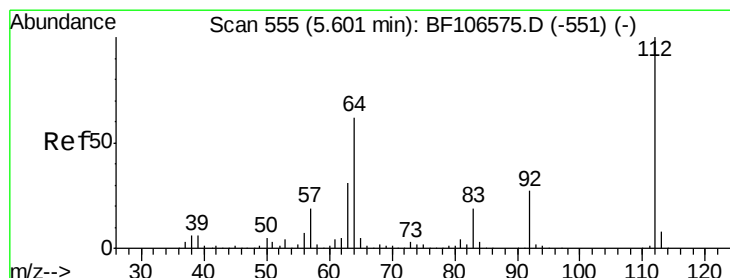
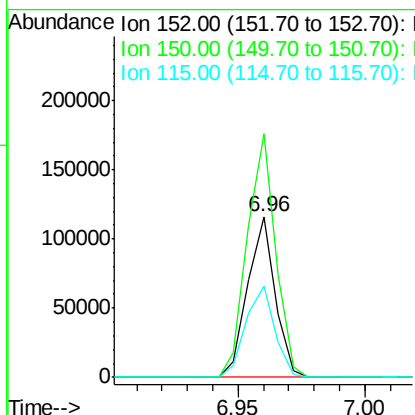
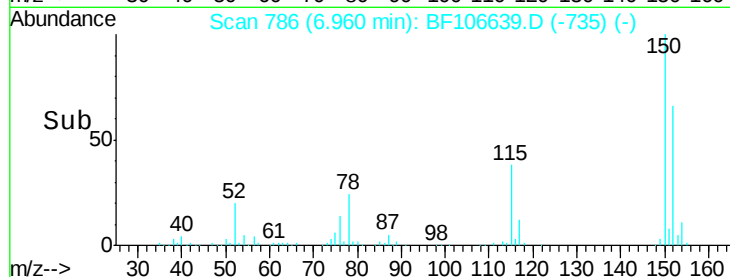
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106639.D
 Acq: 21 Jun 2018 00:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tgt Ion:152 Resp: 88197
 Ion Ratio Lower Upper
 152 100
 150 151.2 124.6 186.8
 115 56.8 50.1 75.1

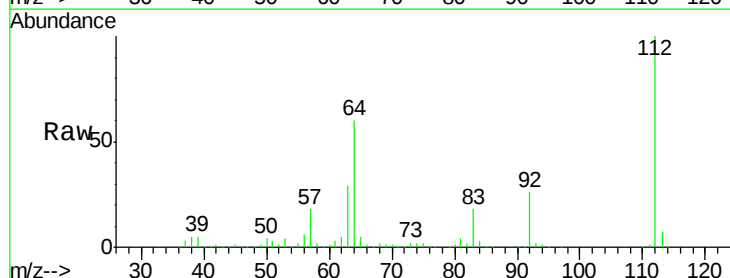


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

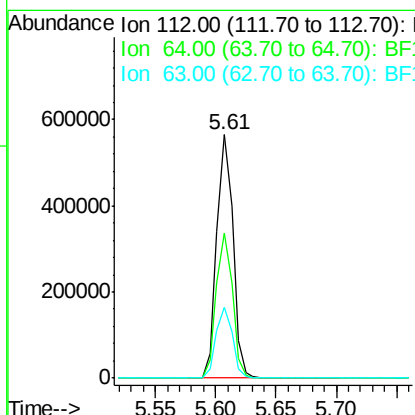
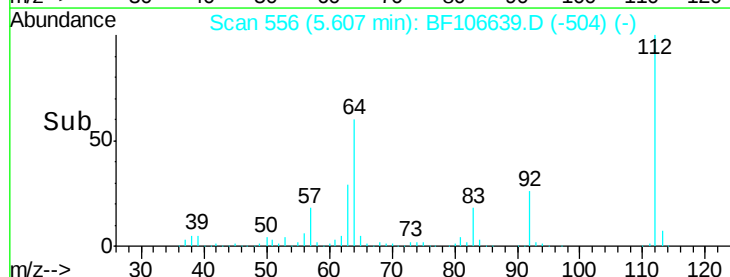


#5
 2-Fluorophenol
 Concen: 99.888 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF106639.D
 Acq: 21 Jun 2018 00:09

Tgt Ion:112 Resp: 520272
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 29.3 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: 101.637 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106639.D

Acq: 21 Jun 2018 00:09

Instrument :

BNA_F

ClientSampleId :

TP-9

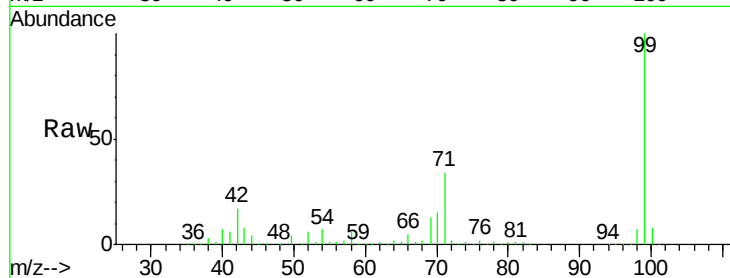
Tgt Ion: 99 Resp: 661091

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

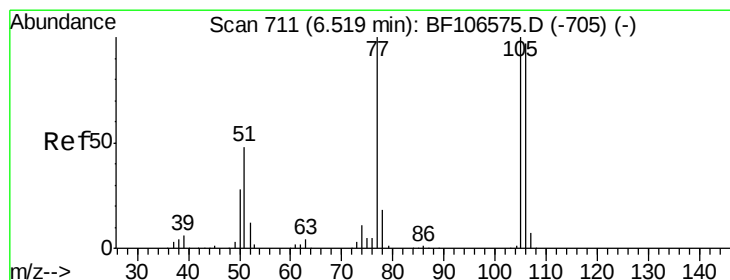
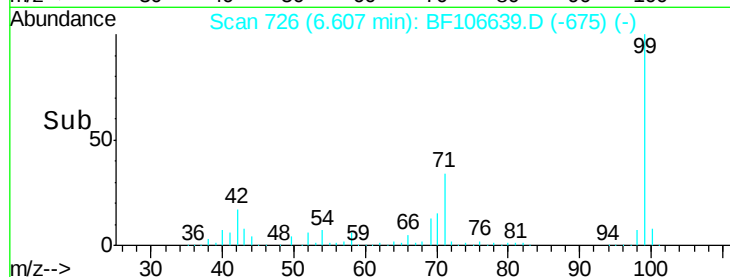
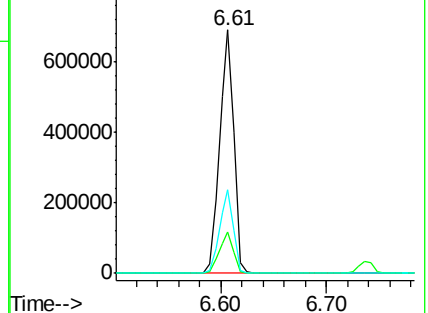
71 34.2 25.4 38.0



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: 2.194 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106639.D

Acq: 21 Jun 2018 00:09

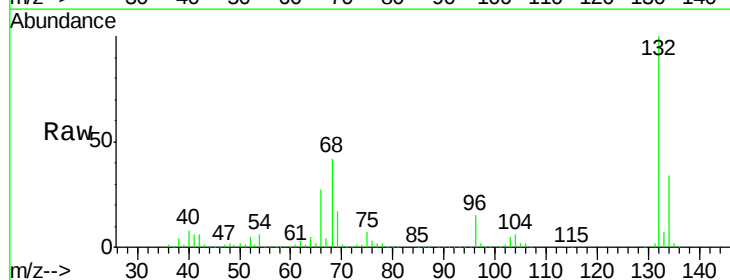
Tgt Ion: 77 Resp: 11988

Ion Ratio Lower Upper

77 100

105 83.3 81.1 121.1

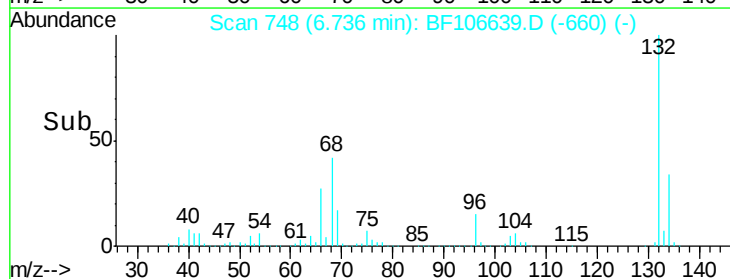
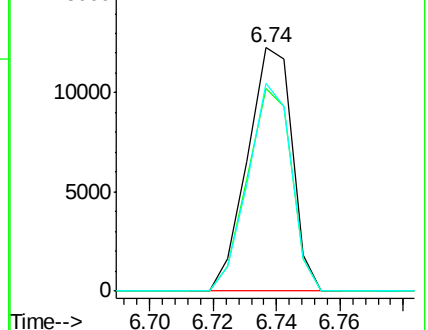
106 85.2 74.5 114.5

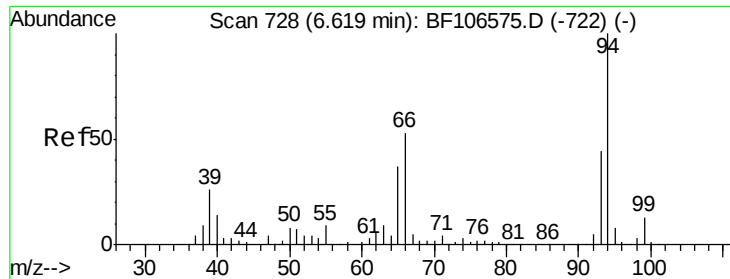


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.134 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106639.D

Acq: 21 Jun 2018 00:09

Instrument :

BNA_F

ClientSampleId :

TP-9

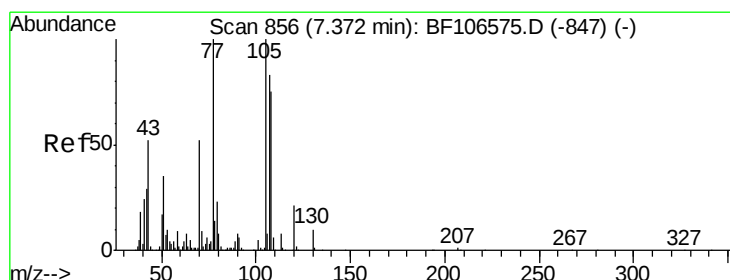
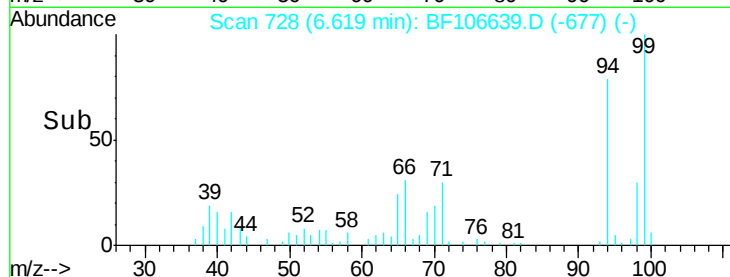
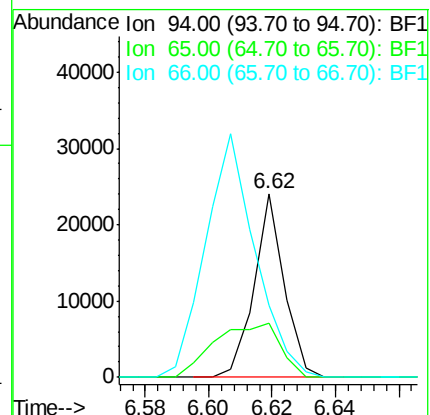
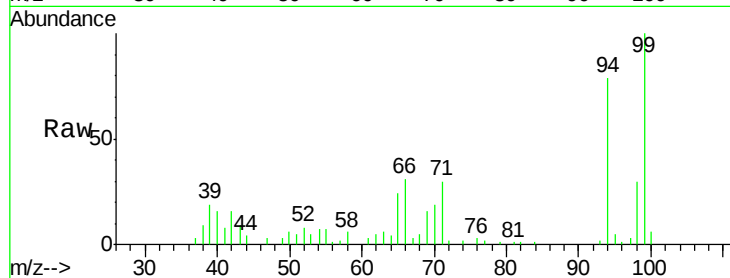
Tgt Ion: 94 Resp: 15844

Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

66 39.0 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.277 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106639.D

Acq: 21 Jun 2018 00:09

Tgt Ion: 70 Resp: 56925

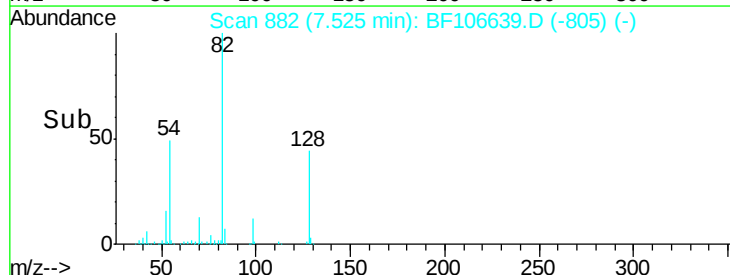
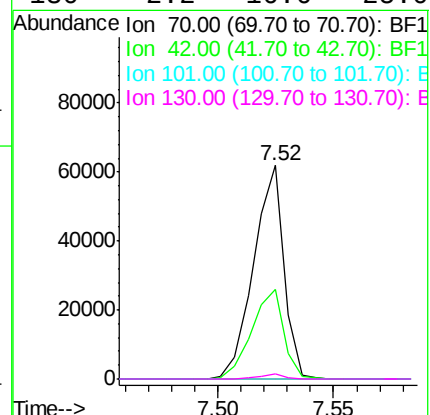
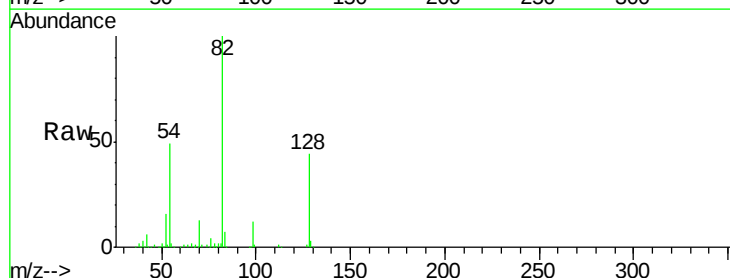
Ion Ratio Lower Upper

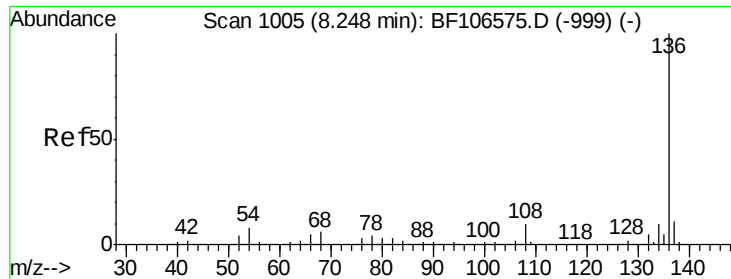
70 100

42 42.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

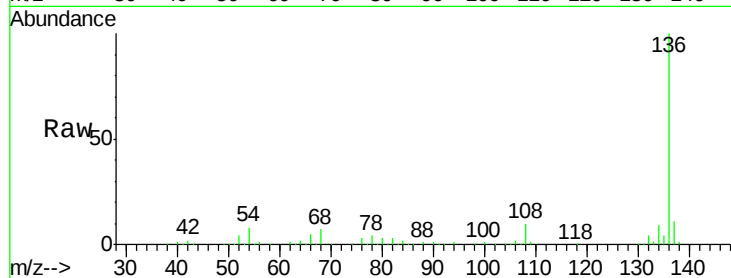




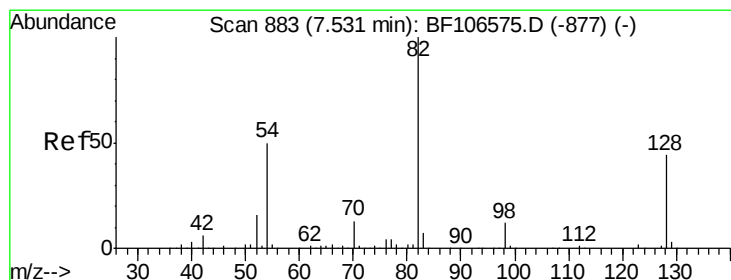
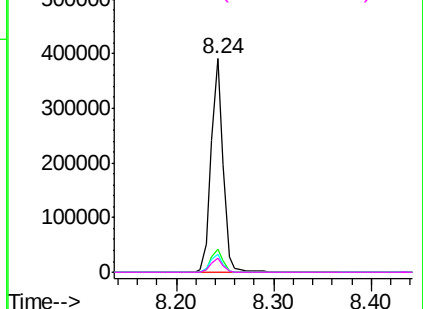
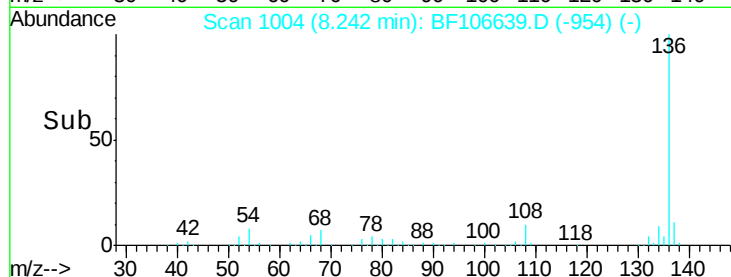
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106639.D
Acq: 21 Jun 2018 00:09

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BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	331124
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4

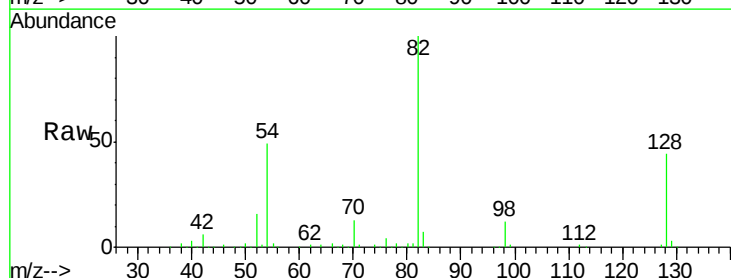


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

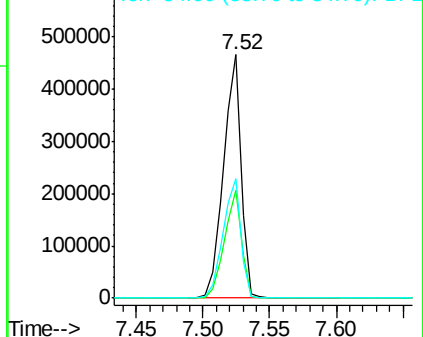
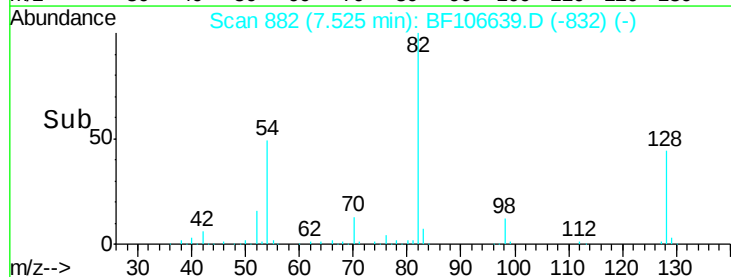


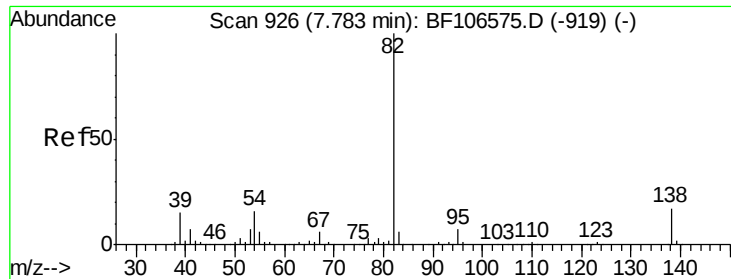
#23
Nitrobenzene-d5
Concen: 73.087 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106639.D
Acq: 21 Jun 2018 00:09

Tgt Ion:	82	Resp:	435476
Ion	Ratio	Lower	Upper
82	100		
128	44.4	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): E
Ion 54.00 (53.70 to 54.70): BF1

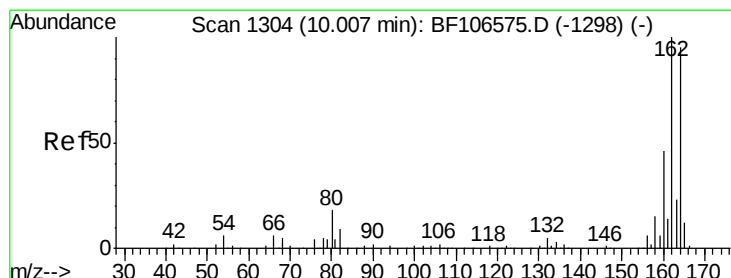
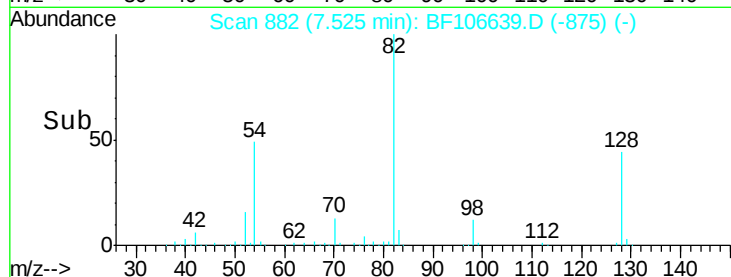
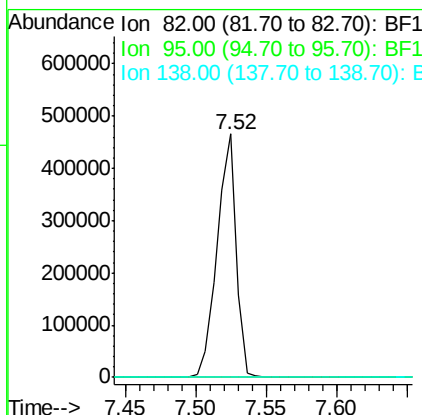
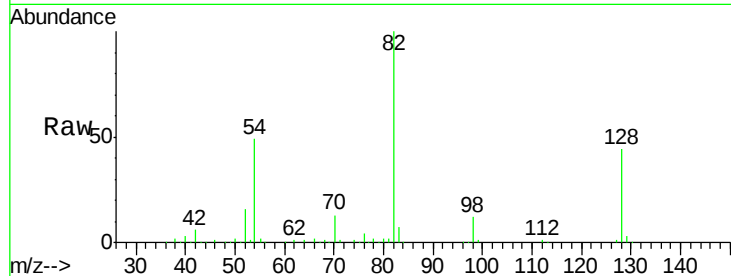




#25
Isophorone
Concen: 41.476 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106639.D
Acq: 21 Jun 2018 00:09

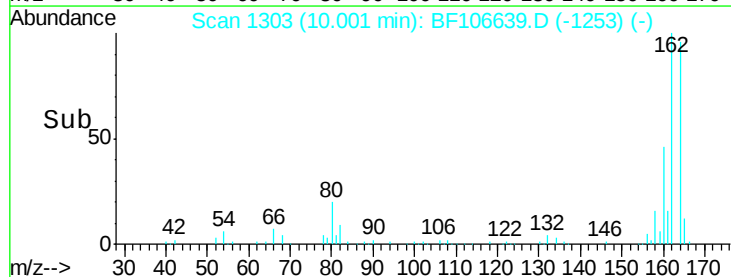
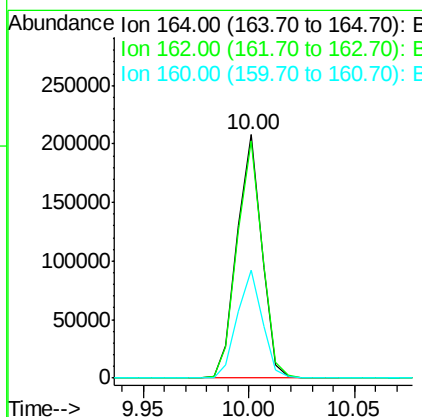
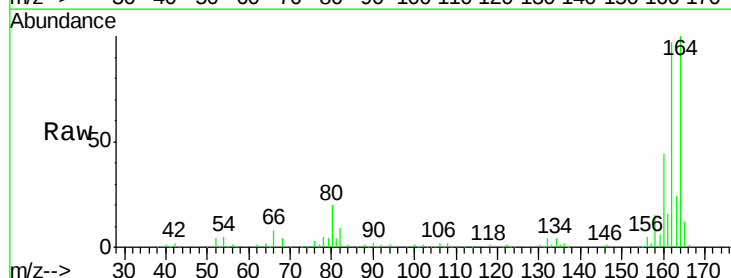
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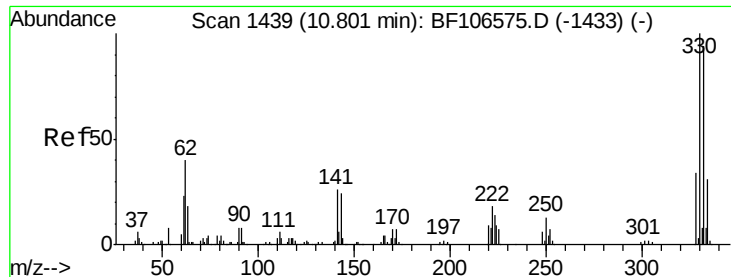
Tgt Ion: 82 Resp: 435473
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106639.D
Acq: 21 Jun 2018 00:09

Tgt Ion: 164 Resp: 168417
Ion Ratio Lower Upper
164 100
162 97.2 86.1 129.1
160 44.1 38.3 57.5

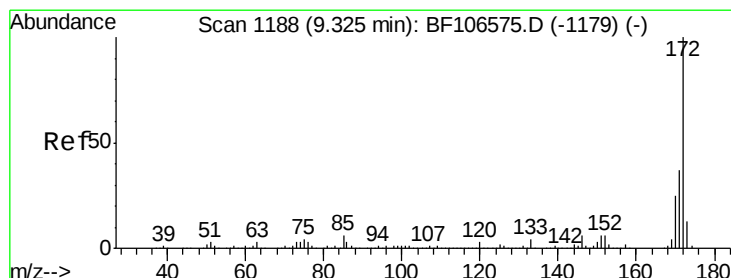
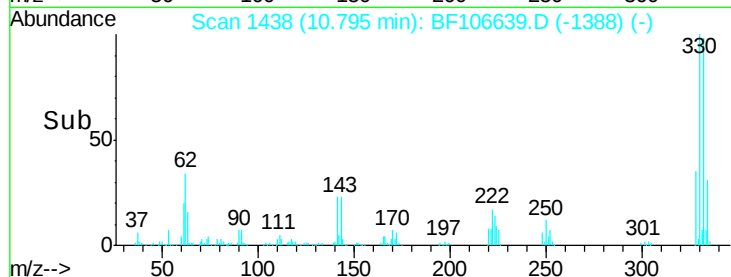
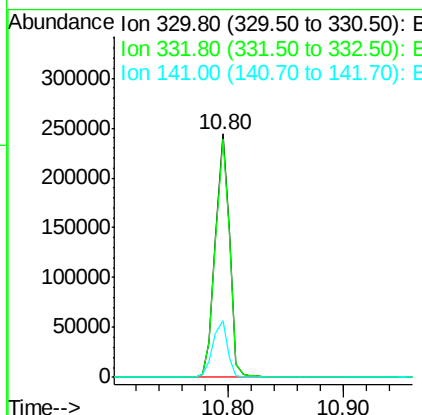
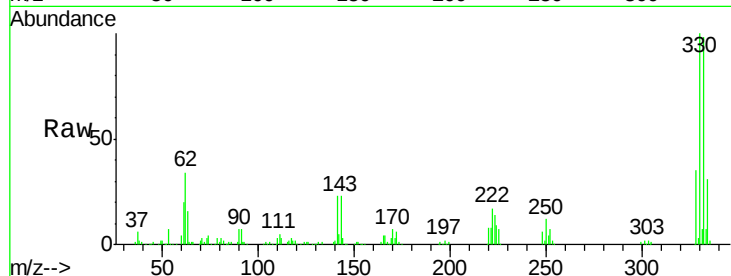




#41
 2,4,6-Tribromophenol
 Concen: 107.429 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106639.D
 Acq: 21 Jun 2018 00:09

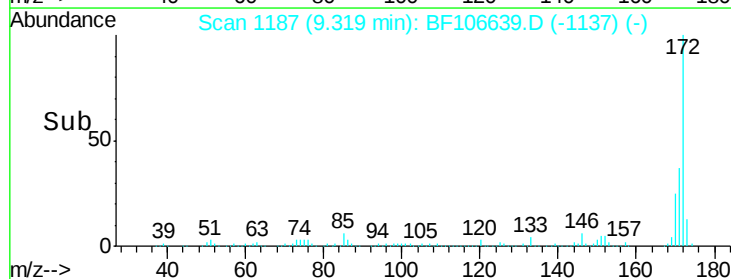
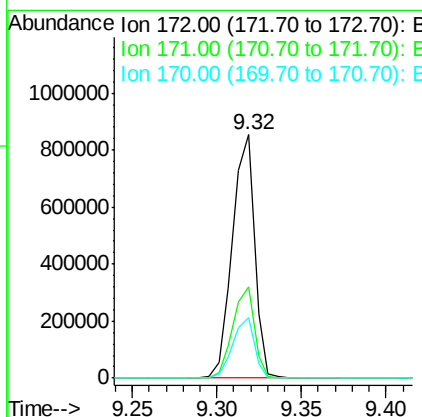
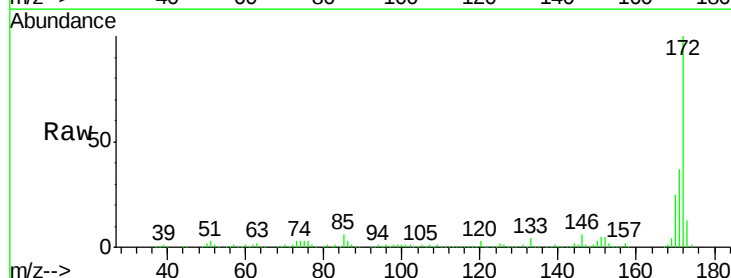
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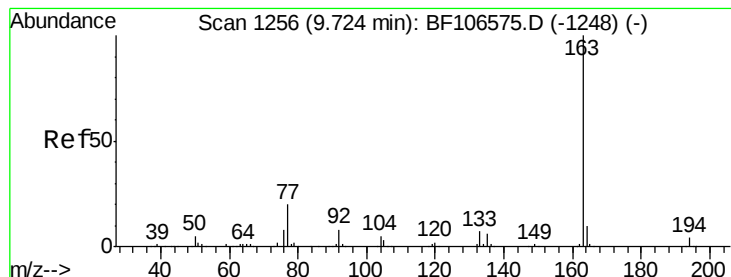
Tgt Ion:330 Resp: 209702
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 24.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 77.327 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106639.D
 Acq: 21 Jun 2018 00:09

Tgt Ion:172 Resp: 782658
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 25.1 19.6 29.4





#49

Dimethylphthalate

Concen: 8.548 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106639.D

Acq: 21 Jun 2018 00:09

Instrument :

BNA_F

ClientSampleId :

TP-9

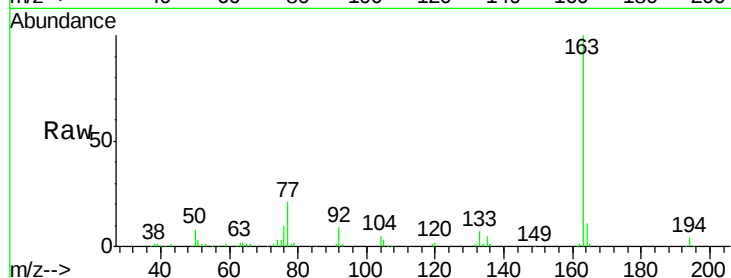
Tgt Ion:163 Resp: 107969

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

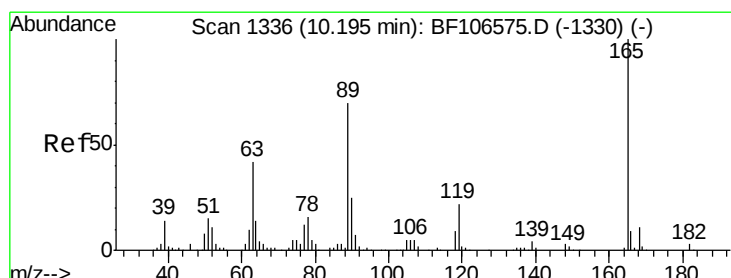
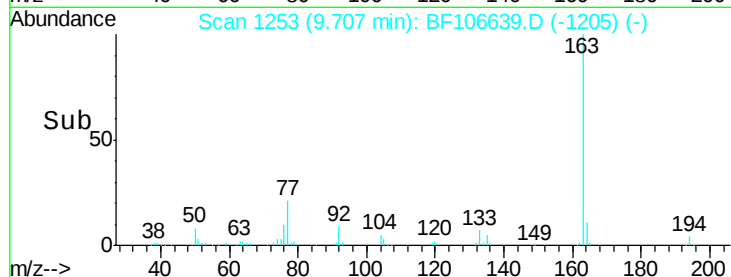
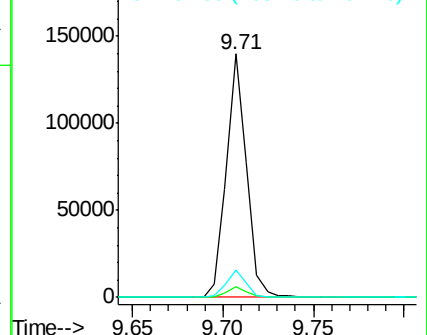
164 11.2 8.2 12.2



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: 5.988 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106639.D

Acq: 21 Jun 2018 00:09

Tgt Ion:165 Resp: 20907

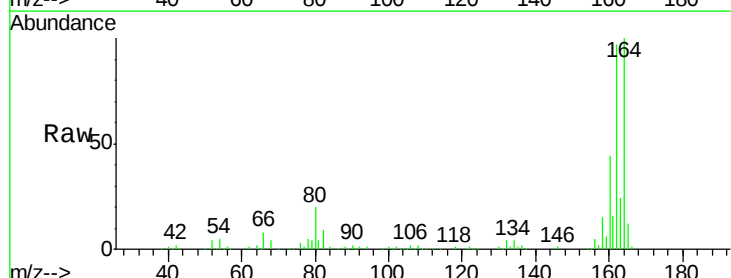
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

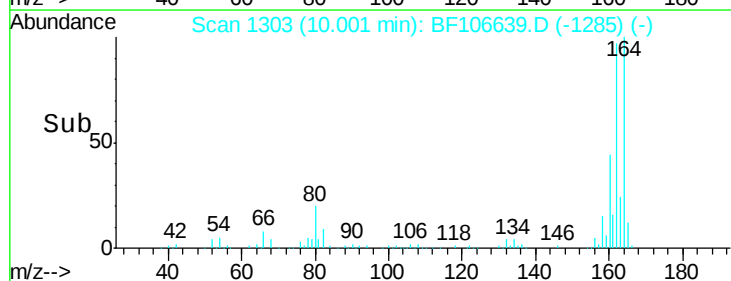
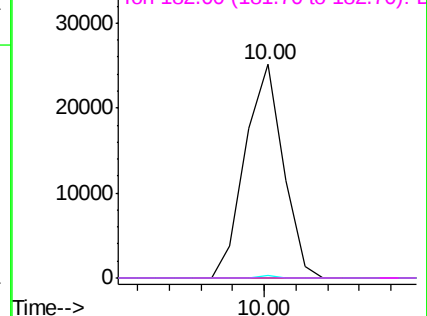


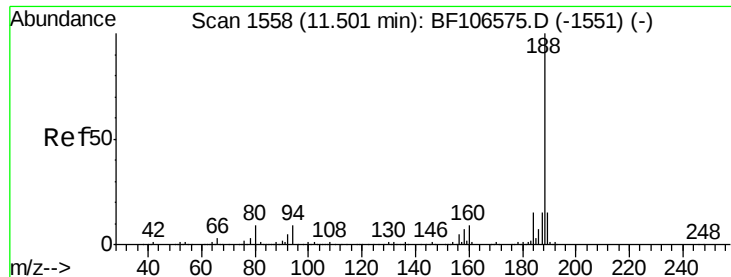
Abundance Ion 165.00 (164.70 to 165.70): E

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

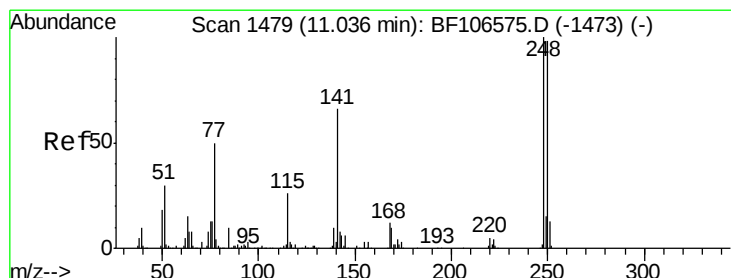
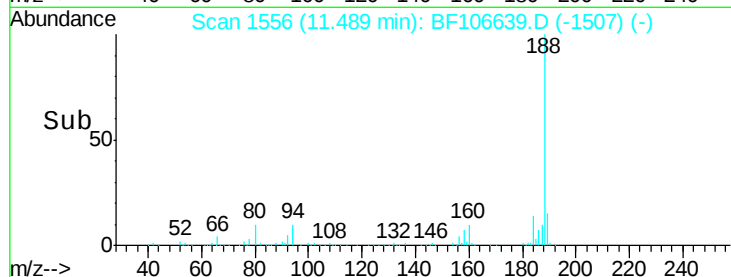
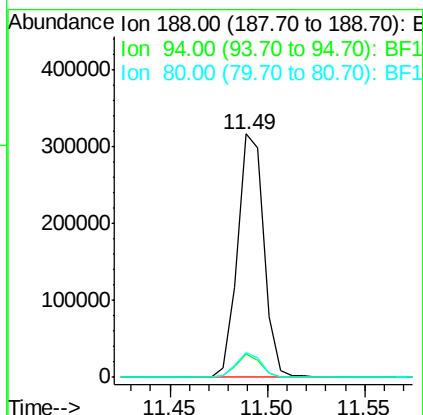
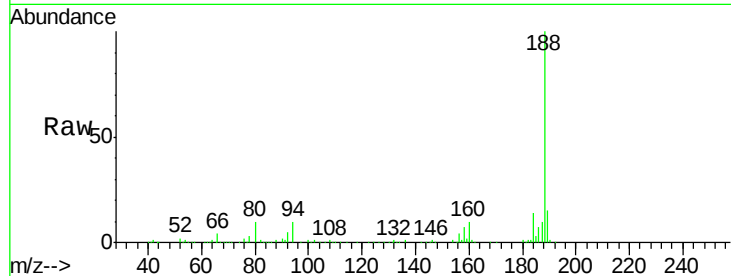




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106639.D
 Acq: 21 Jun 2018 00:09

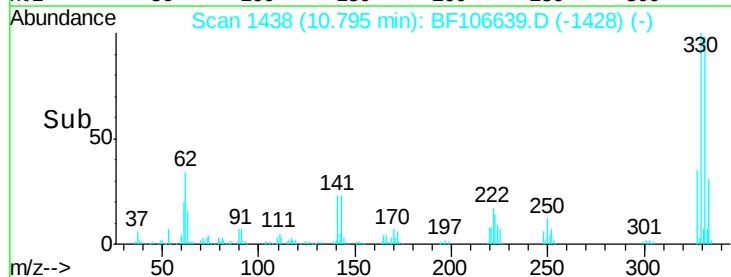
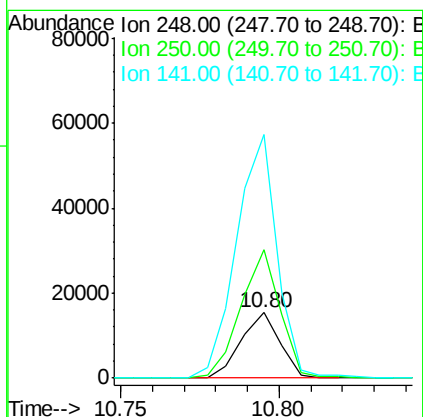
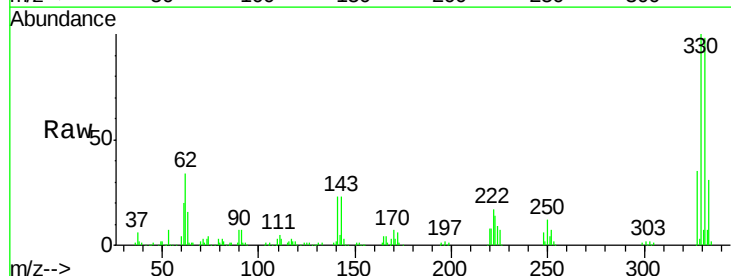
Instrument :
 BNA_F
 ClientSampleId :
 TP-9

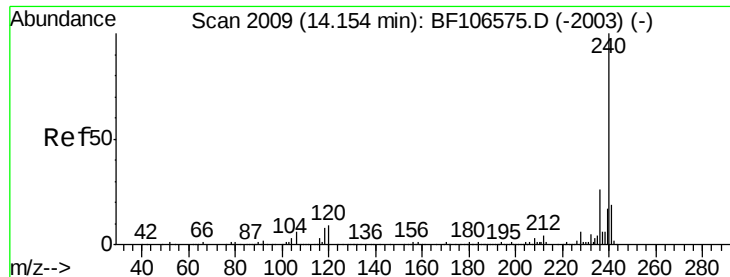
Tgt Ion:188 Resp: 295699
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.4 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.682 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106639.D
 Acq: 21 Jun 2018 00:09

Tgt Ion:248 Resp: 12993
 Ion Ratio Lower Upper
 248 100
 250 196.9 76.9 115.3#
 141 371.4 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: BF106639.D

Acq: 21 Jun 2018 00:09

Instrument :

BNA_F

ClientSampleId :

TP-9

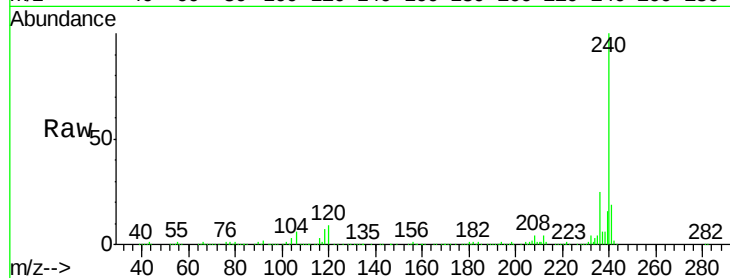
Tgt Ion:240 Resp: 239525

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

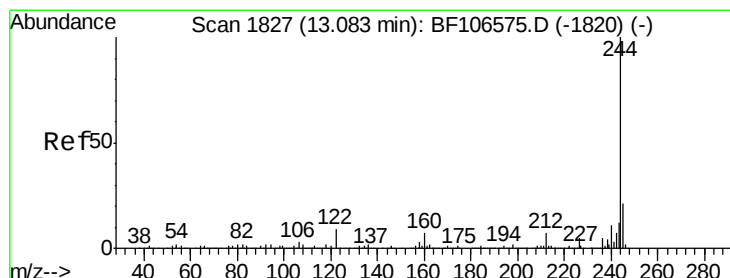
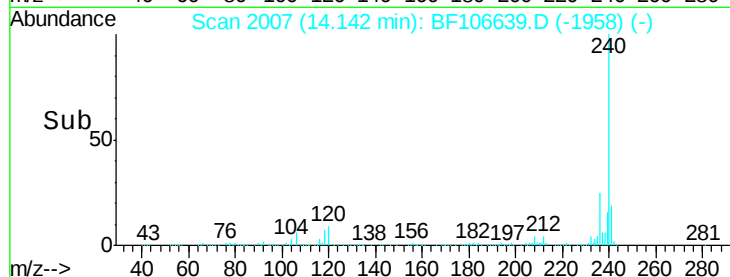
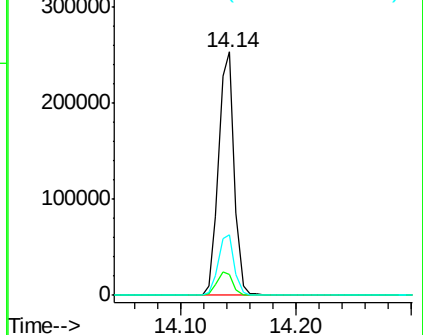
236 25.0 20.7 31.1



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: 74.951 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106639.D

Acq: 21 Jun 2018 00:09

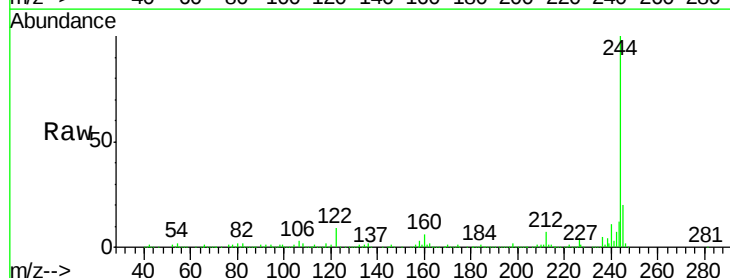
Tgt Ion:244 Resp: 741140

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

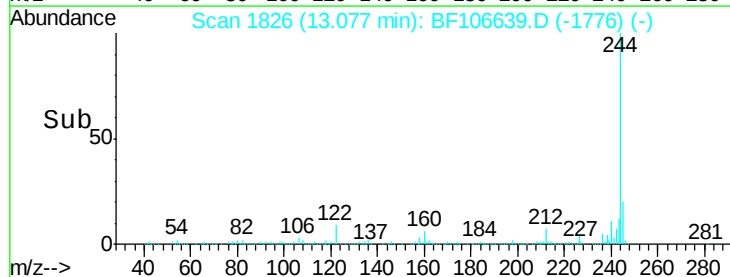
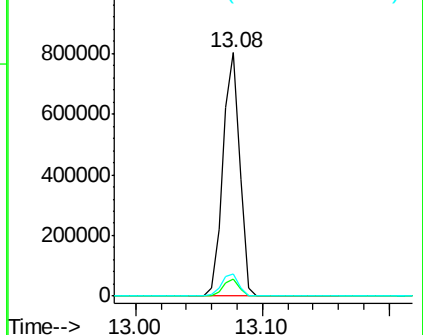
122 9.3 11.0 16.4#

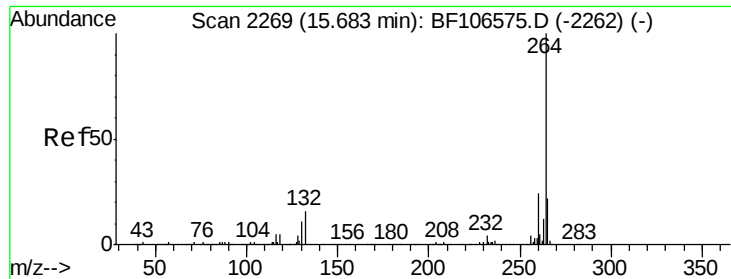


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF106639.D
Acq: 21 Jun 2018 00:09

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3

