

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
 Data File : BF106655.D
 Acq On : 21 Jun 2018 12:18
 Operator : JU/SJ
 Sample : J3575-21 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Jun 21 14:18:36 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

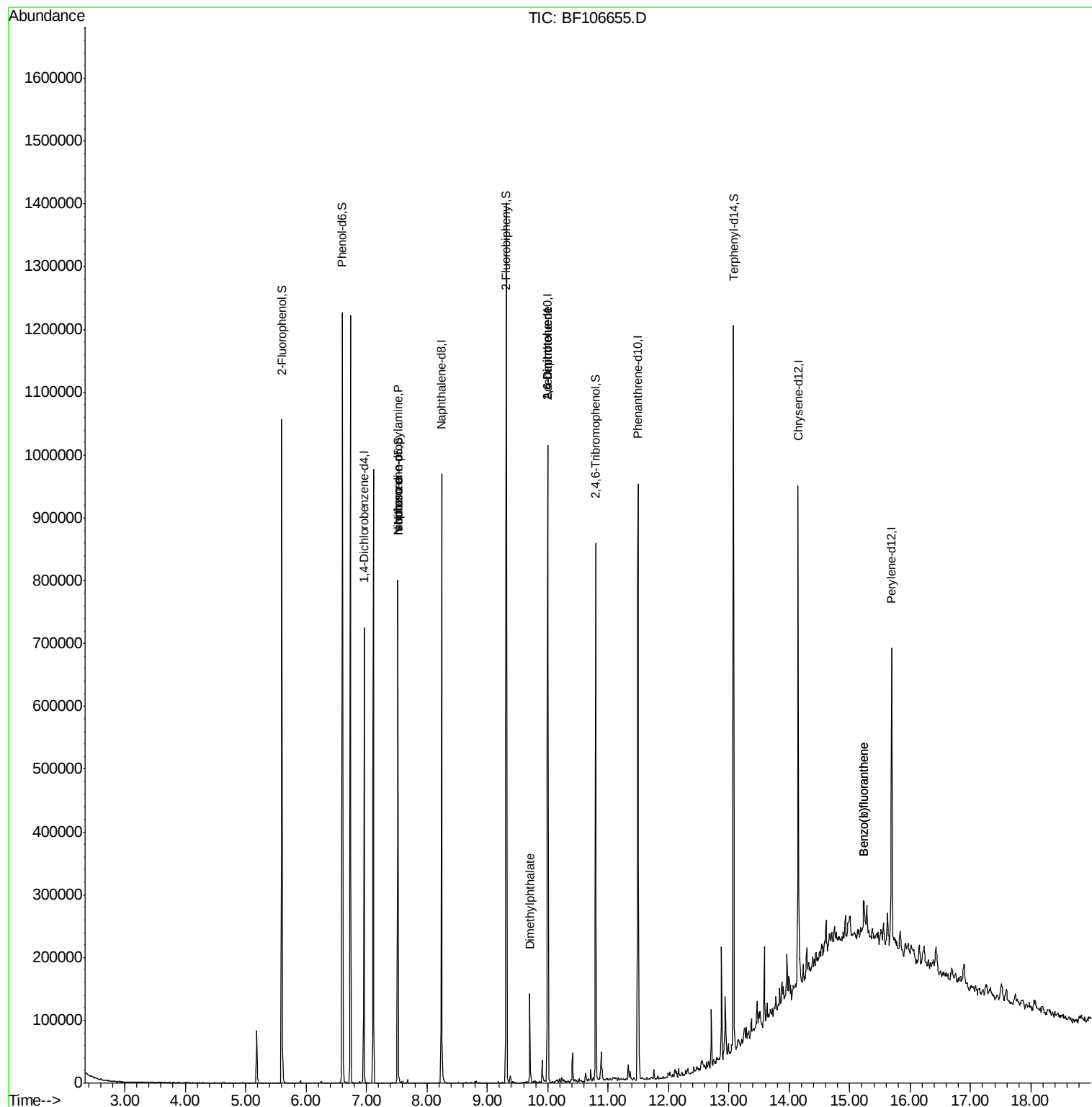
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97618	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	389772	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	199631	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	356213	20.00	ng	0.00
75) Chrysene-d12	14.15	240	281866	20.00	ng	0.00
86) Perylene-d12	15.69	264	226710	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	291766	50.61	ng	0.00
7) Phenol-d6	6.60	99	382170	53.08	ng	0.00
23) Nitrobenzene-d5	7.52	82	247973	35.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	113395	49.01	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	429474	26.21	ng	-0.01
78) Terphenyl-d14	13.08	244	407430	35.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	32090	6.762	ng	# 74
25) Isophorone	7.52	82	247971	20.064	ng	# 64
49) Dimethylphthalate	9.71	163	50657	3.383	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	25250	7.964	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	25250	6.101	ng	# 23
87) Benzo(b)fluoranthene	15.24	252	33813	2.401	ng	# 79
88) Benzo(k)fluoranthene	15.24	252	33813	2.521	ng	# 82

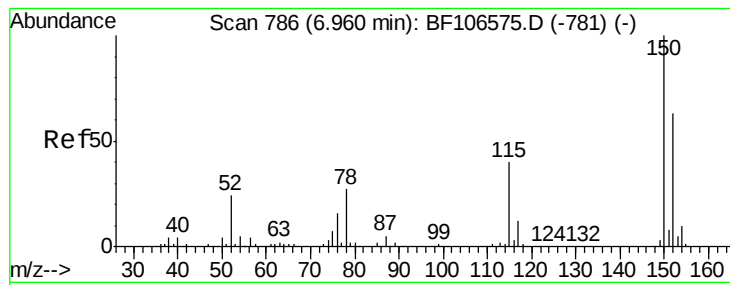
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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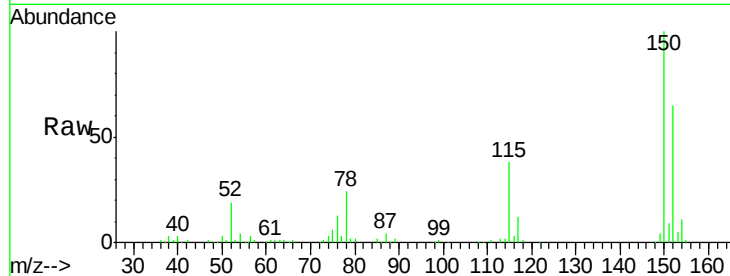


#1

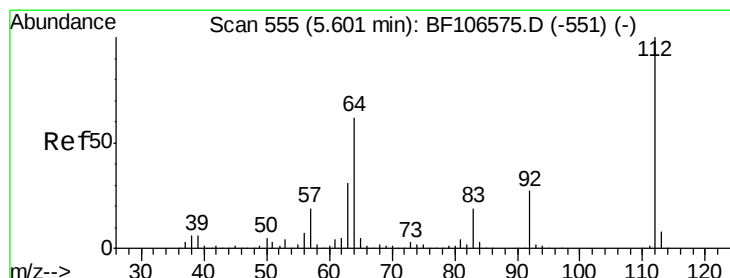
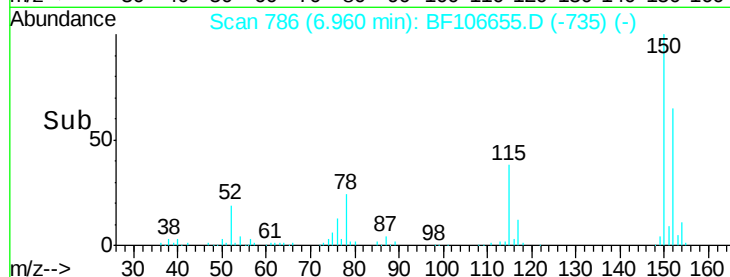
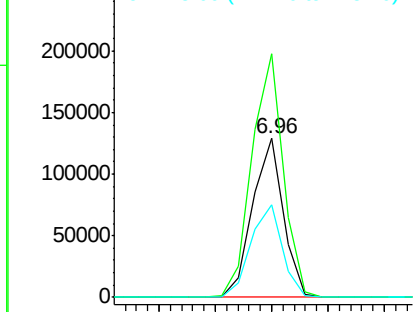
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:152 Resp: 97618
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 58.5 50.1 75.1



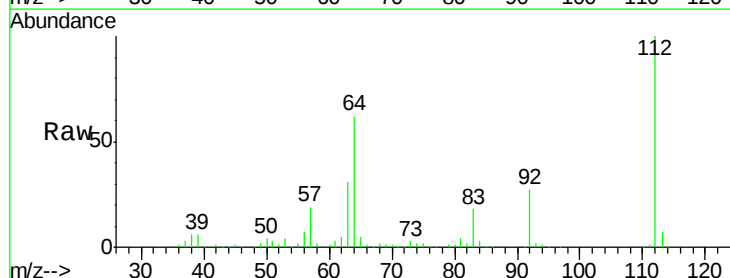
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



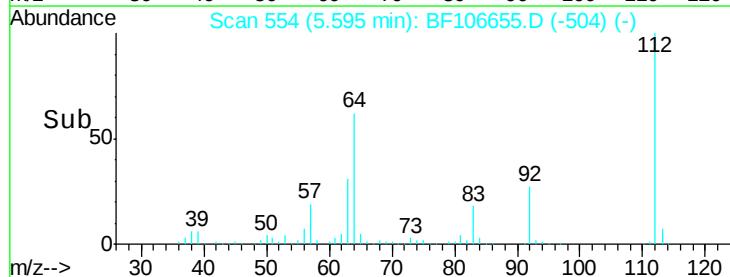
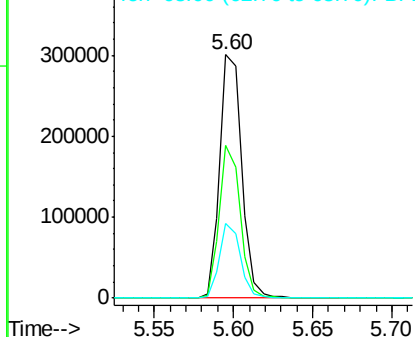
#5

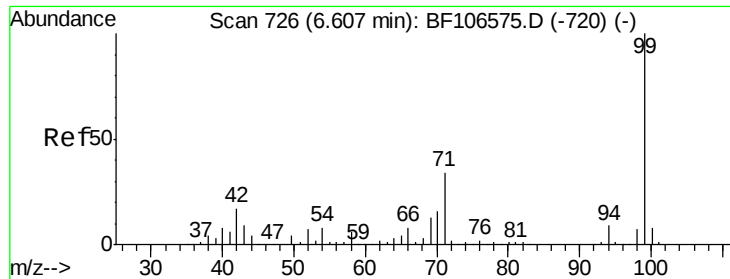
2-Fluorophenol
Concen: 50.611 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion:112 Resp: 291766
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 30.8 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: 53.085 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106655.D

Acq: 21 Jun 2018 12:18

Instrument :

BNA_F

ClientSampleId :

TP-13

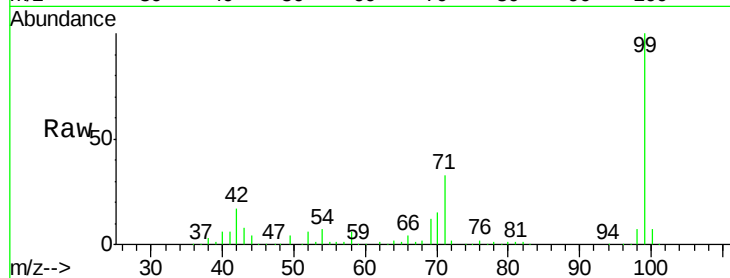
Tgt Ion: 99 Resp: 382170

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

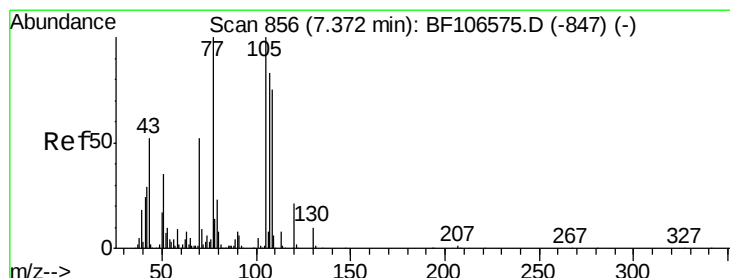
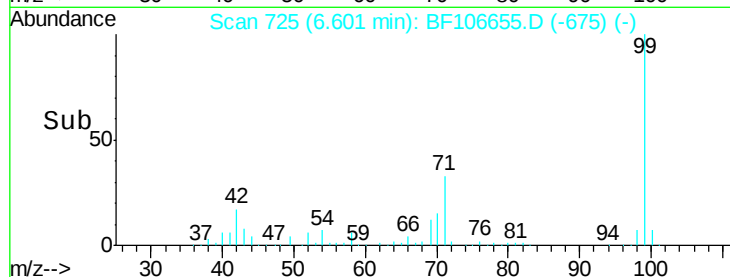
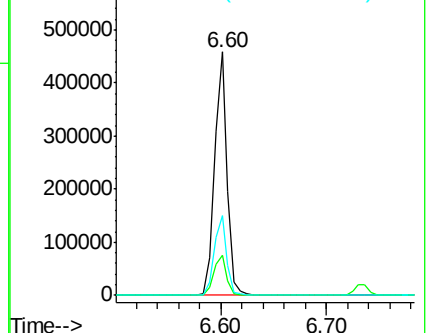
71 33.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.762 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.15 min

Lab File: BF106655.D

Acq: 21 Jun 2018 12:18

Tgt Ion: 70 Resp: 32090

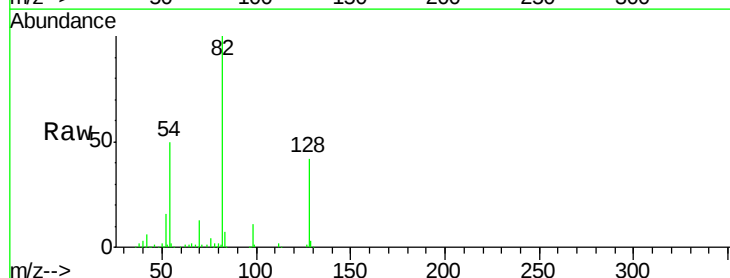
Ion Ratio Lower Upper

70 100

42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

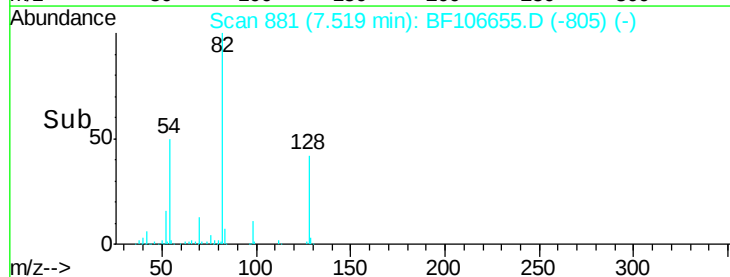
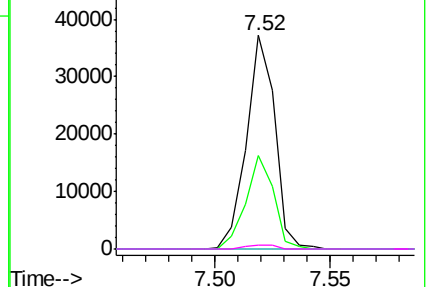


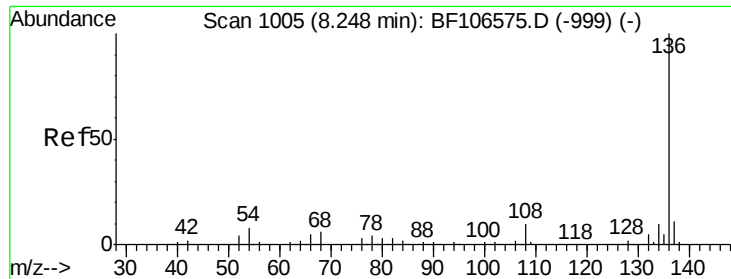
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

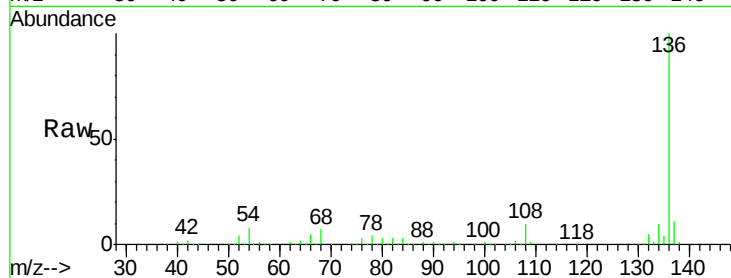




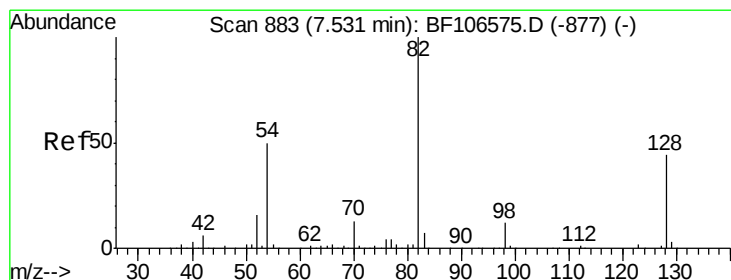
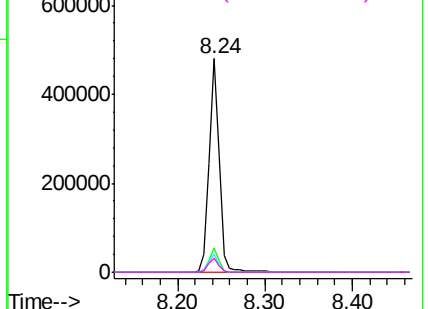
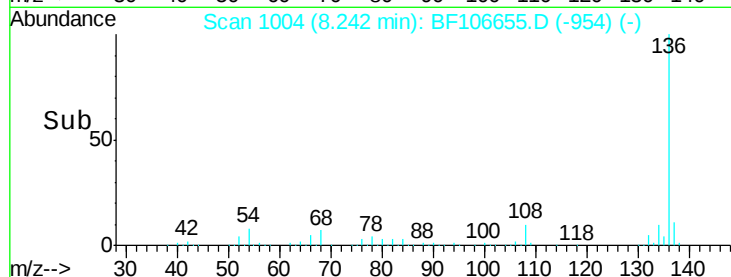
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 136 Resp: 389772
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.3 6.6 9.8
68 6.6 5.0 7.4

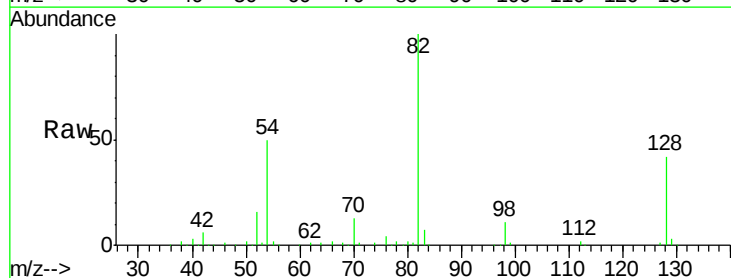


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

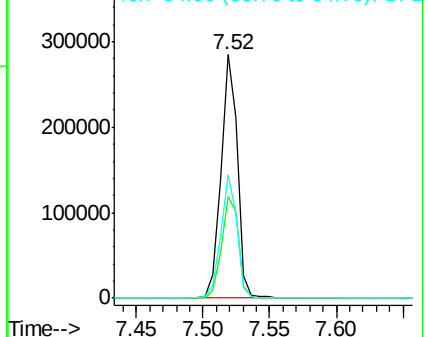
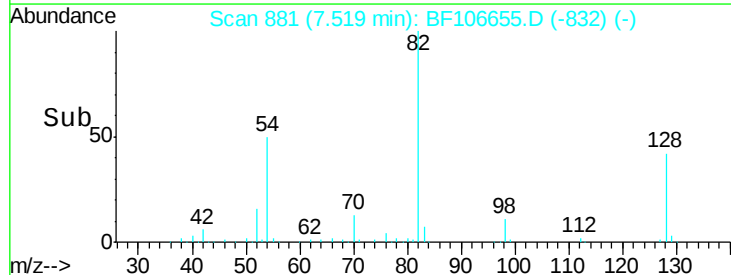


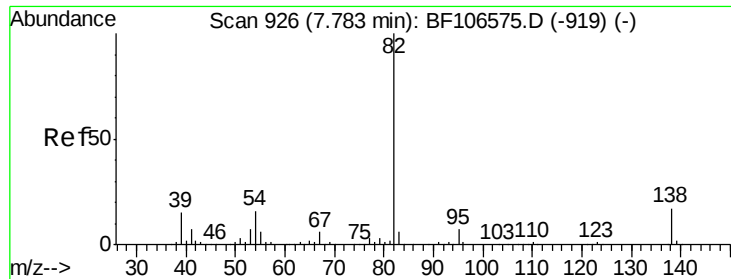
#23
Nitrobenzene-d5
Concen: 35.356 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion: 82 Resp: 247973
Ion Ratio Lower Upper
82 100
128 41.7 36.1 54.1
54 50.5 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: 20.064 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF106655.D

Acq: 21 Jun 2018 12:18

Instrument :

BNA_F

ClientSampleId :

TP-13

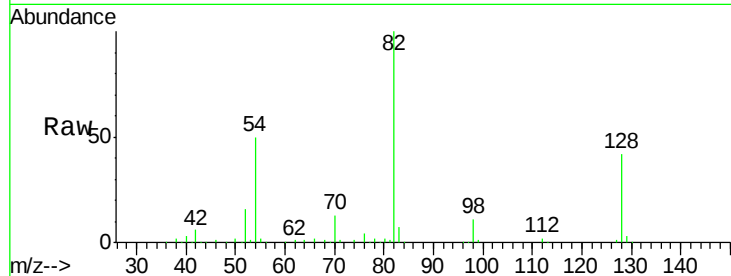
Tgt Ion: 82 Resp: 247971

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

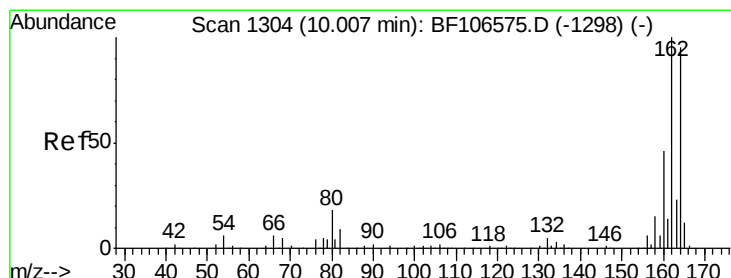
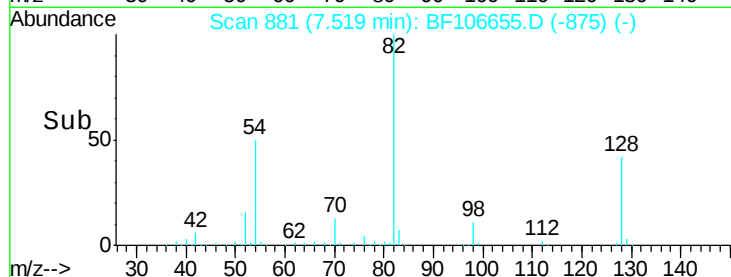
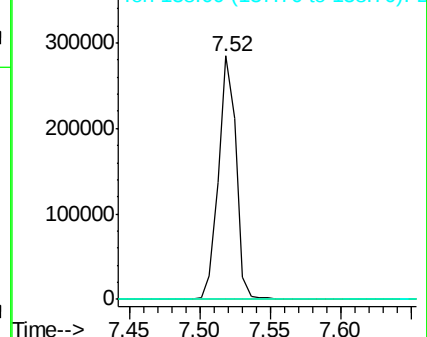
138 0.0 14.9 22.3#



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: BF106655.D

Acq: 21 Jun 2018 12:18

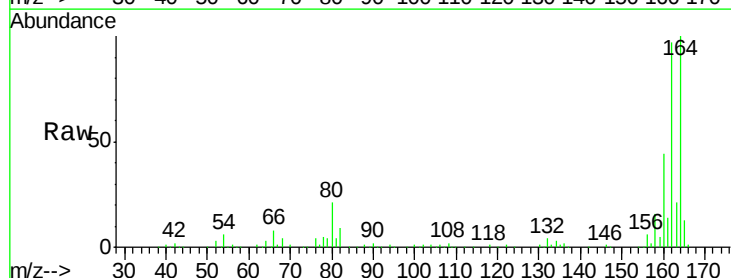
Tgt Ion: 164 Resp: 199631

Ion Ratio Lower Upper

164 100

162 96.8 86.1 129.1

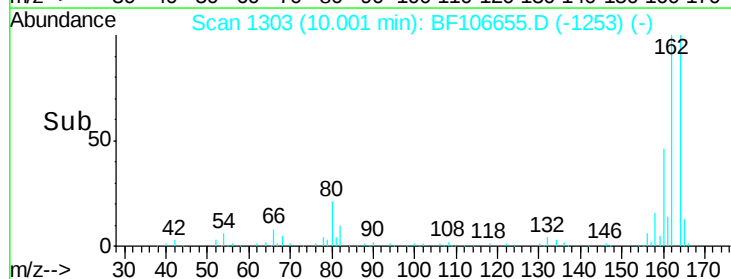
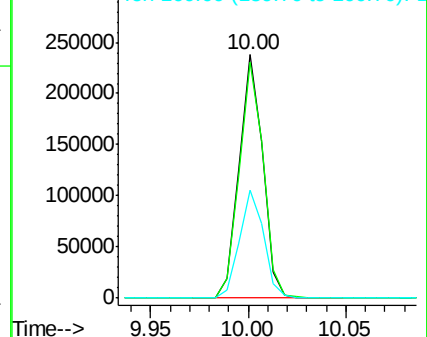
160 44.4 38.3 57.5

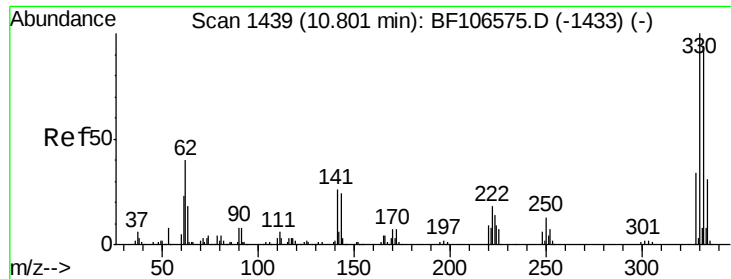


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

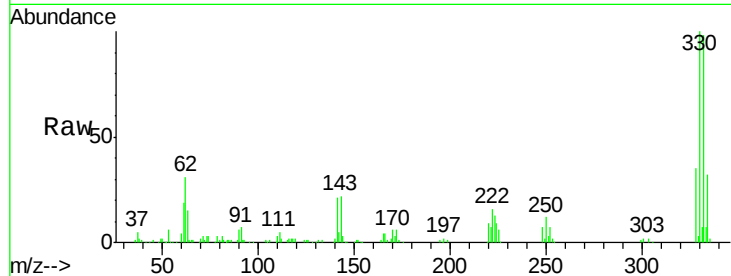




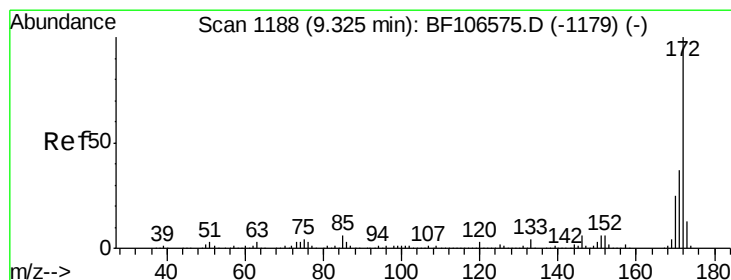
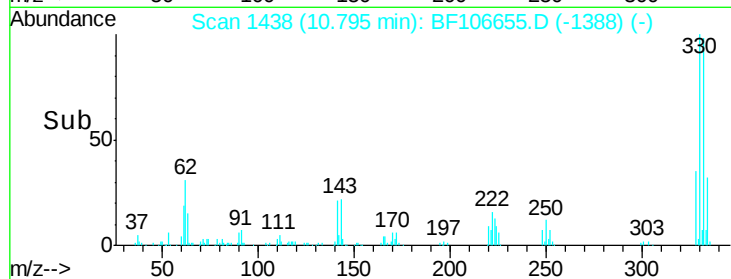
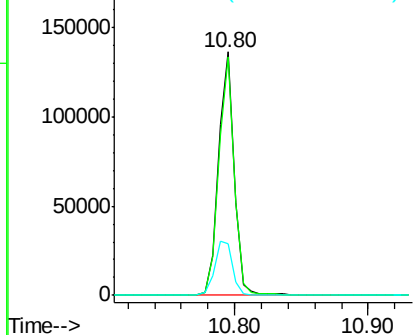
#41
 2,4,6-Tribromophenol
 Concen: 49.009 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106655.D
 Acq: 21 Jun 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	25.5	29.9	44.9#

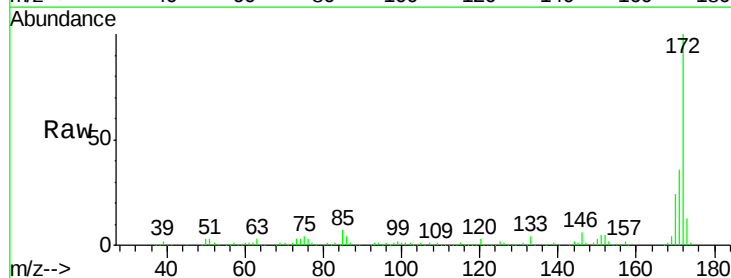


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

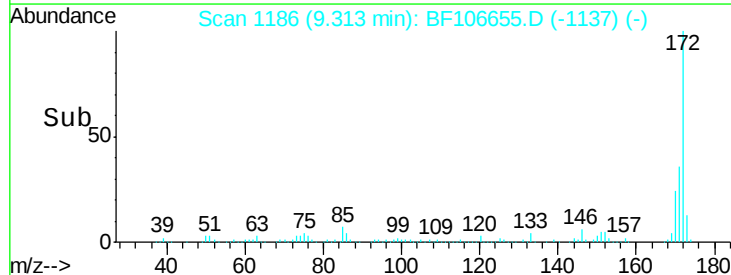
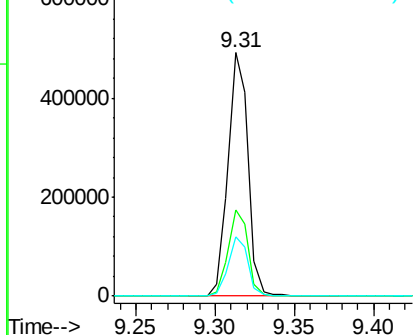


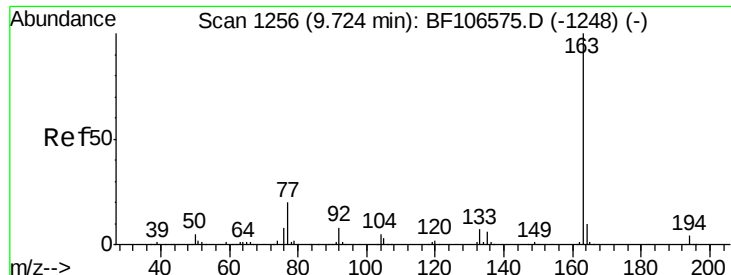
#44
 2-Fluorobiphenyl
 Concen: 26.212 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106655.D
 Acq: 21 Jun 2018 12:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.3	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

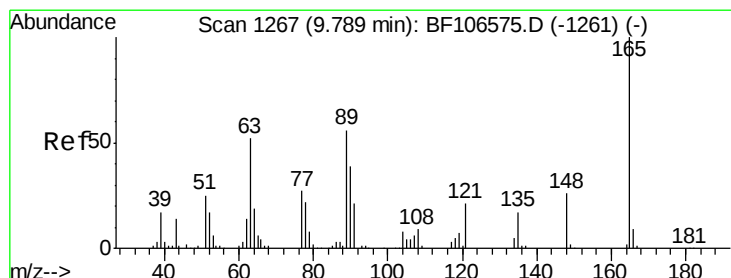
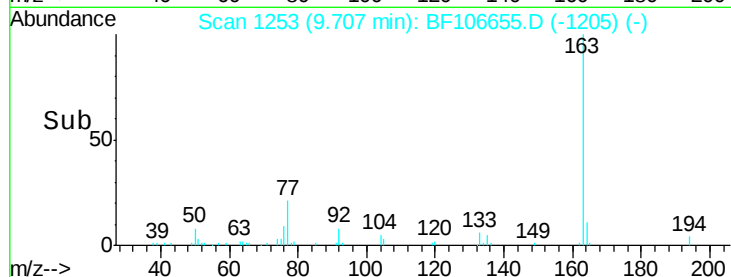
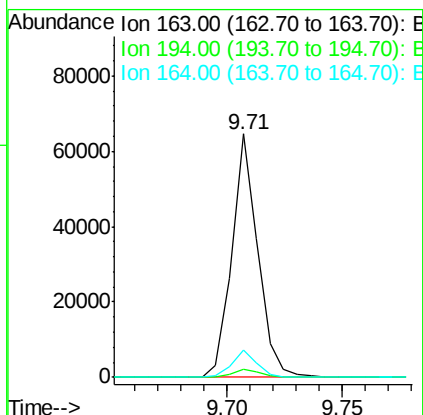
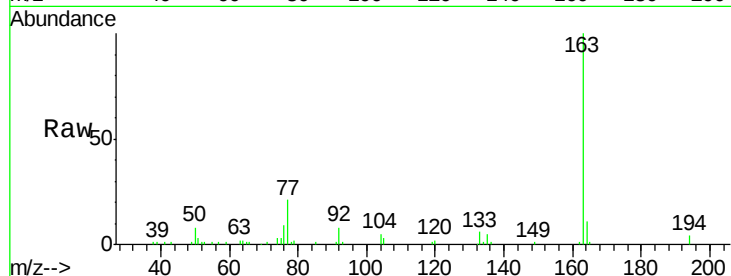




#49
Dimethylphthalate
Concen: 3.383 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

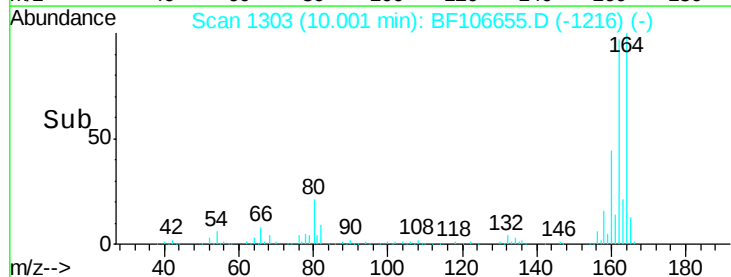
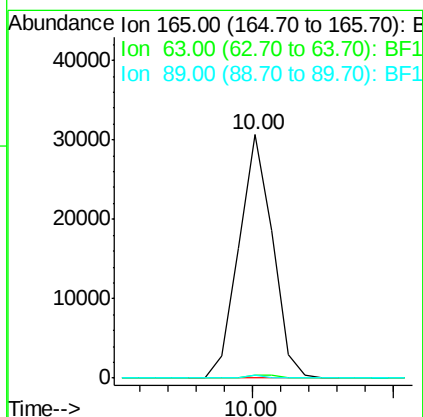
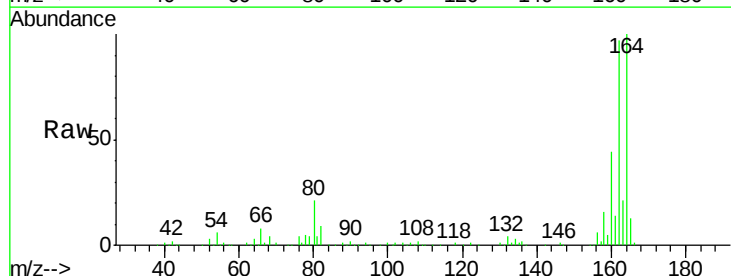
Instrument :
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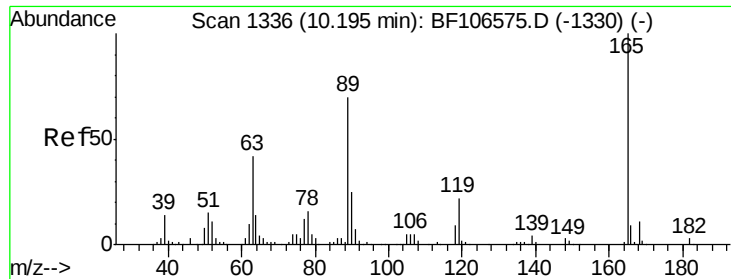
Tgt Ion:163 Resp: 50657
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 11.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.964 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion:165 Resp: 25250
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.0 44.0 66.0#

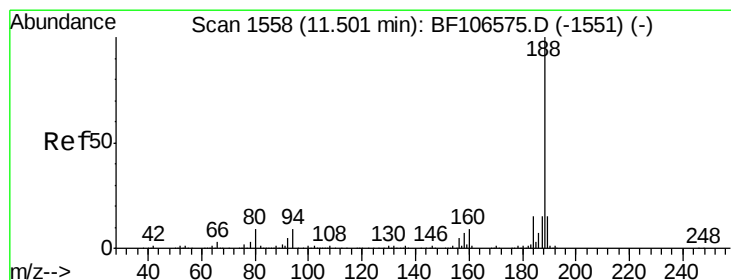
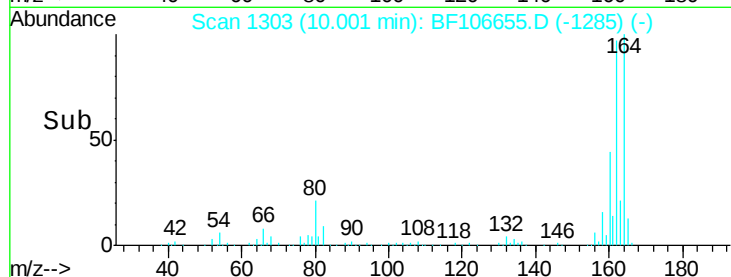
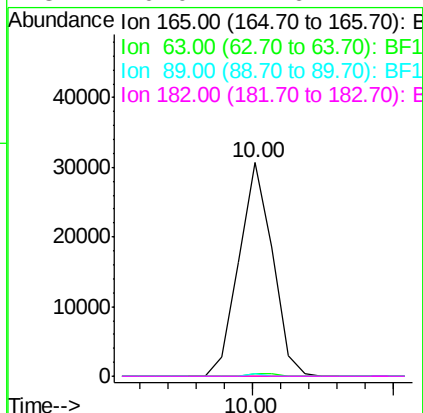
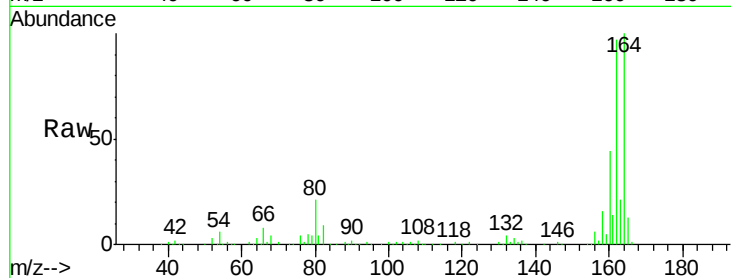




#56
 2,4-Dinitrotoluene
 Concen: 6.101 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106655.D
 Acq: 21 Jun 2018 12:18

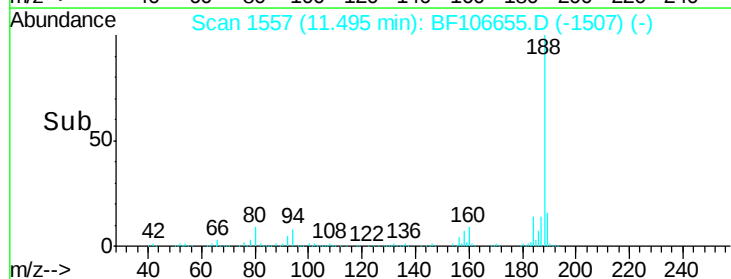
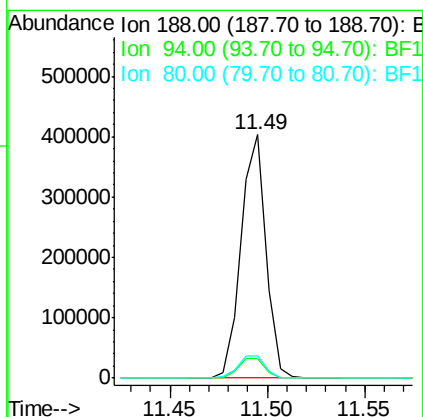
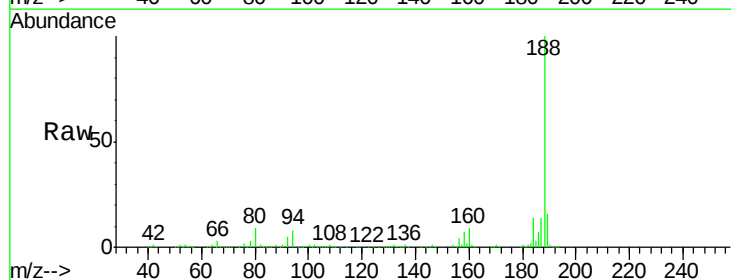
Instrument :
 BNA_F
 ClientSampleId :
 TP-13

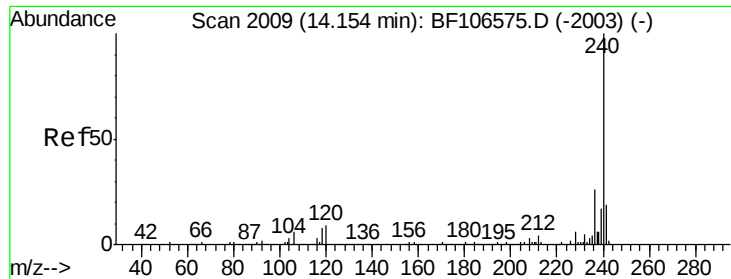
Tgt Ion:	165	Resp:	25250
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106655.D
 Acq: 21 Jun 2018 12:18

Tgt Ion:	188	Resp:	356213
Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.1	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106655.D

Acq: 21 Jun 2018 12:18

Instrument :

BNA_F

ClientSampleId :

TP-13

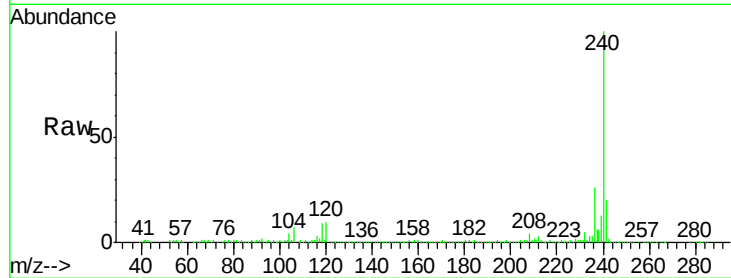
Tgt Ion:240 Resp: 281866

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

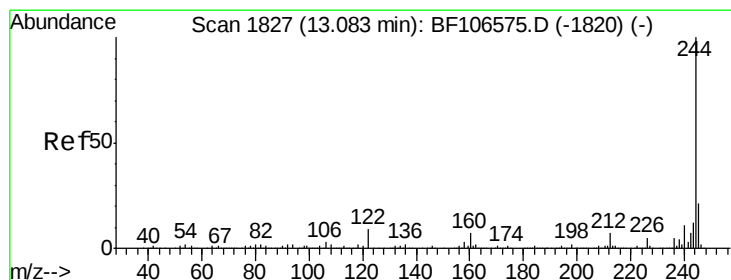
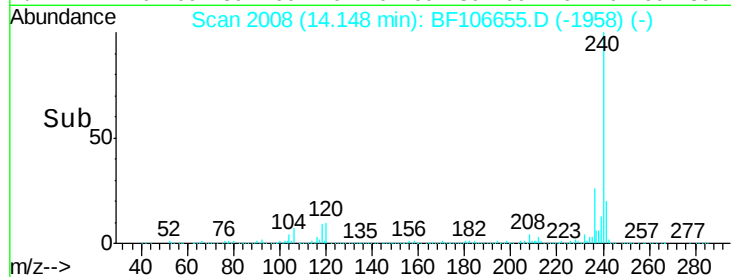
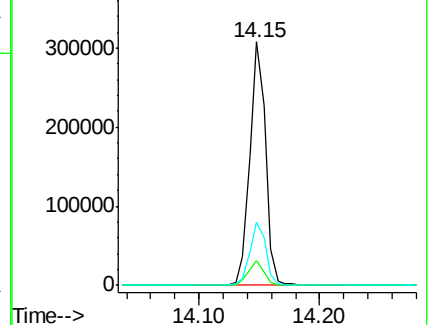
236 25.8 20.7 31.1



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: 35.014 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106655.D

Acq: 21 Jun 2018 12:18

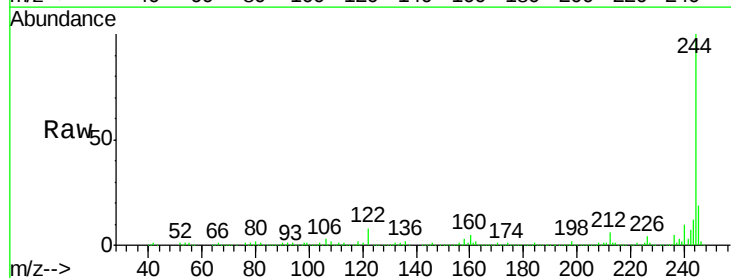
Tgt Ion:244 Resp: 407430

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

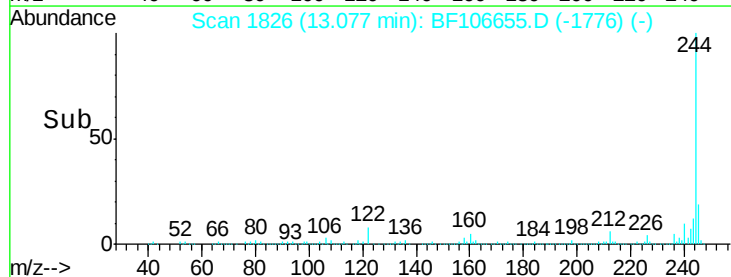
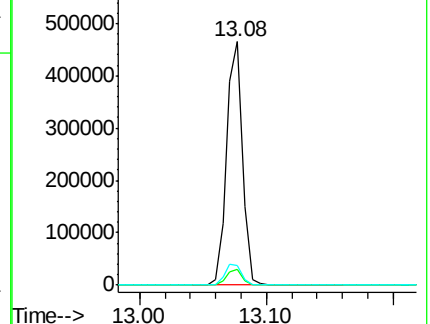
122 8.2 11.0 16.4#

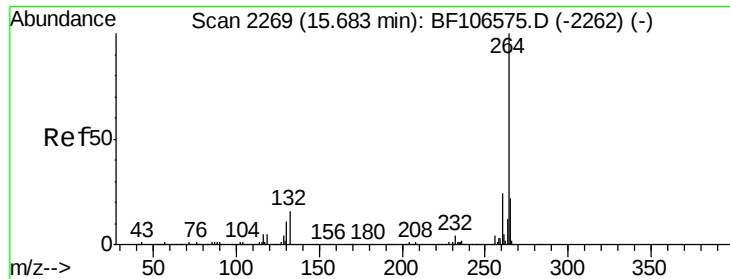


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

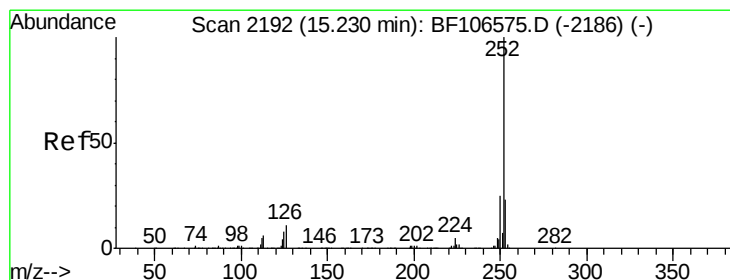
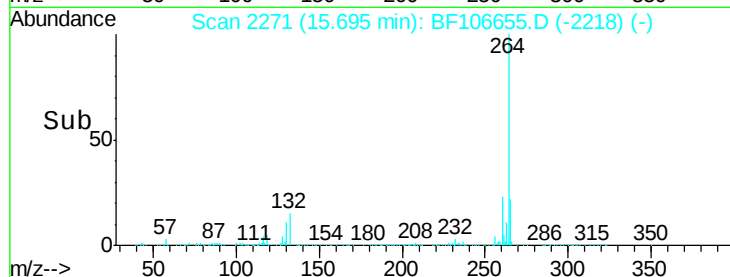
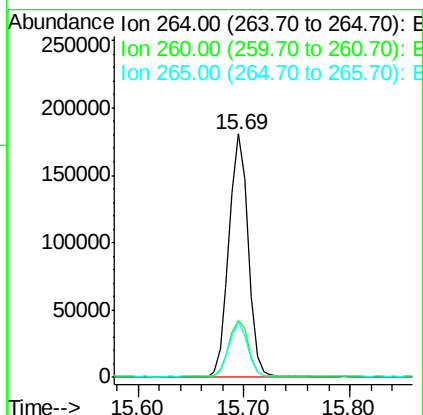
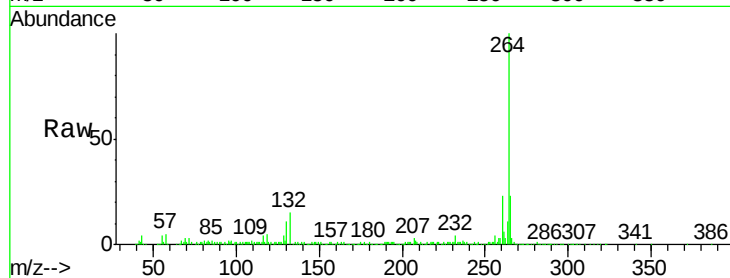




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

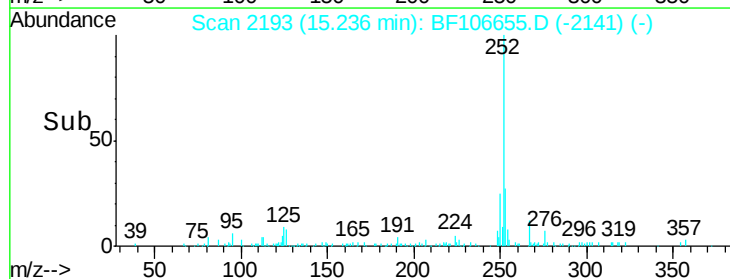
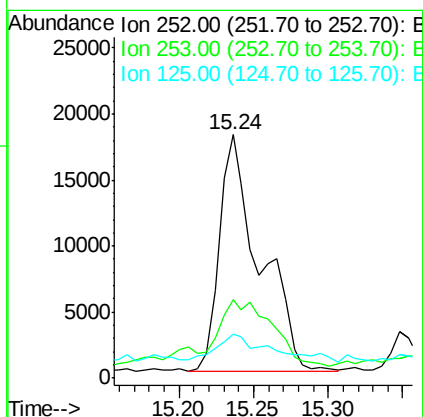
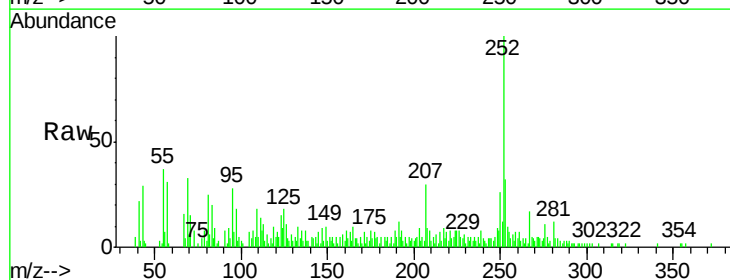
Instrument :
BNA_F
ClientSampleId :
TP-13

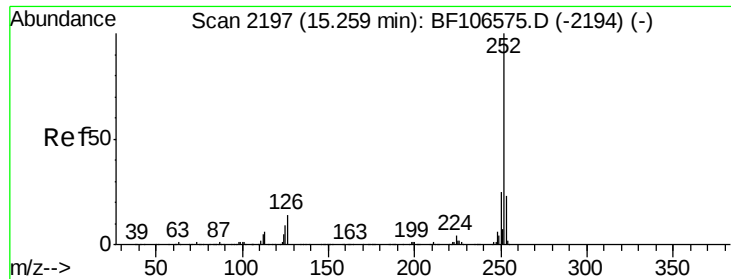
Tgt Ion:264 Resp: 226710
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.5 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.401 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion:252 Resp: 33813
Ion Ratio Lower Upper
252 100
253 32.2 17.0 25.6#
125 17.9 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 2.521 ng

RT: 15.24 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BF106655.D

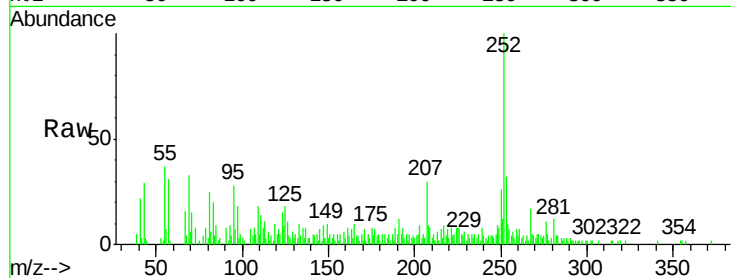
Acq: 21 Jun 2018 12:18

Instrument :

BNA_F

ClientSampleId :

TP-13



Tgt Ion:	252	Resp:	33813
Ion	Ratio	Lower	Upper
252	100		
253	32.2	17.9	26.9#
125	17.9	10.2	15.2#

