

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106610.D
 Acq On : 20 Jun 2018 4:33
 Operator : JU/SJ
 Sample : J3580-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Quant Time: Jun 20 05:49:22 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

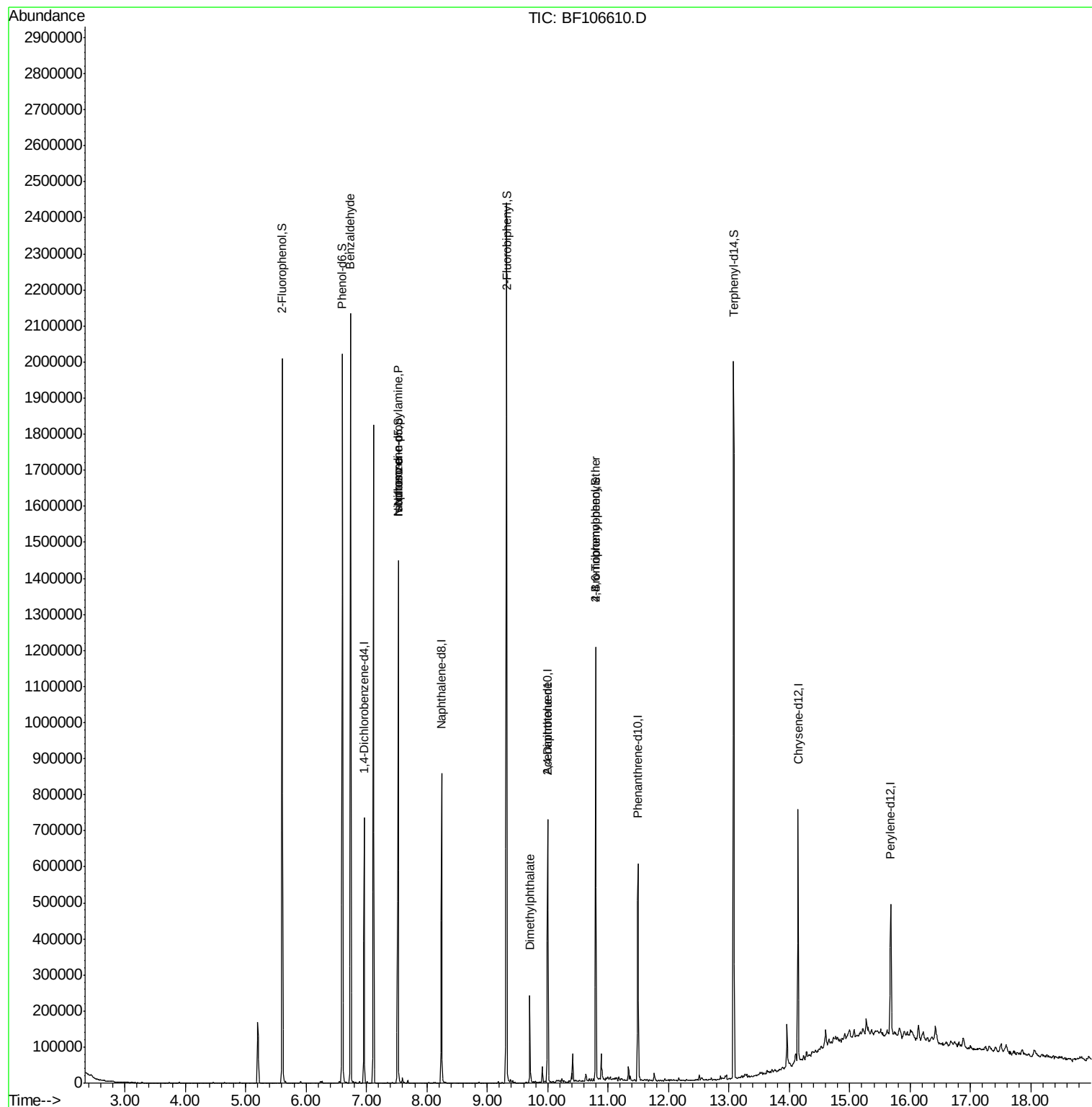
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97247	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	346450	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	134342	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	218116	20.00	ng	0.00
75) Chrysene-d12	14.14	240	251314	20.00	ng	-0.01
86) Perylene-d12	15.68	264	176682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	586048	102.05	ng	0.00
7) Phenol-d6	6.60	99	728153	101.53	ng	0.00
23) Nitrobenzene-d5	7.52	82	471732	75.67	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	150951	96.95	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	751665	96.74	ng	0.00
78) Terphenyl-d14	13.08	244	702453	67.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	13357	2.216	ng	81
19) n-Nitroso-di-n-propylamine	7.52	70	63575	13.448	ng	# 73
25) Isophorone	7.52	82	471725	42.941	ng	# 64
49) Dimethylphthalate	9.71	163	90189	8.951	ng	99
56) 2,4-Dinitrotoluene	10.00	165	17697	6.355	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	9676	3.717	ng	# 1

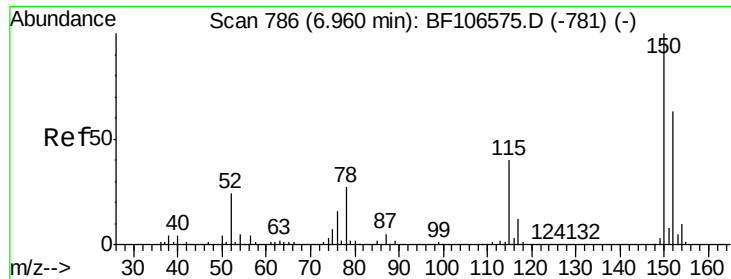
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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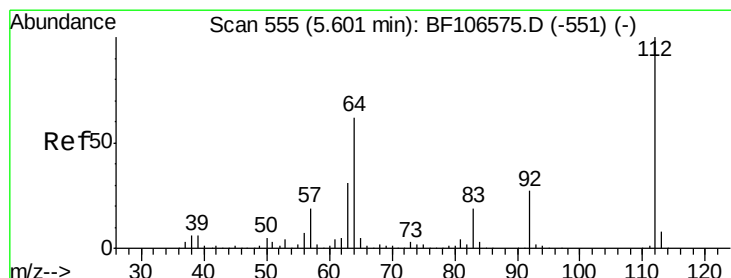
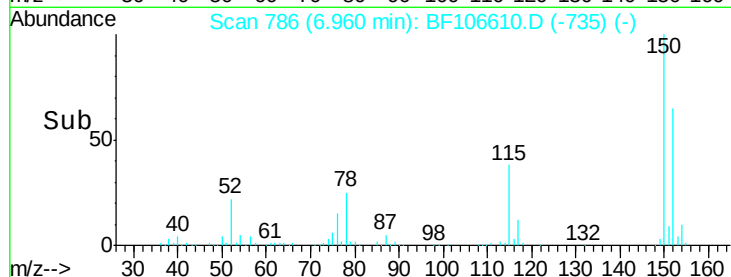
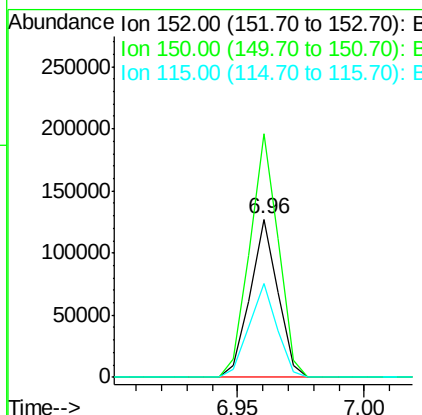
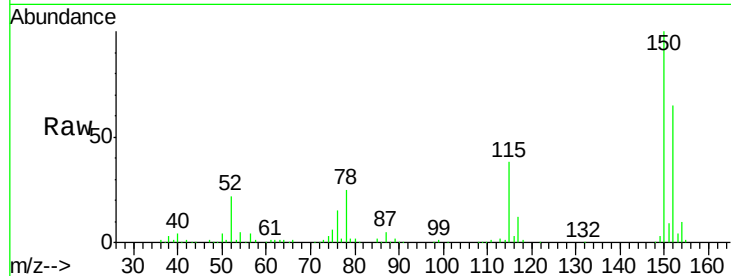




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106610.D
 Acq: 20 Jun 2018 4:33

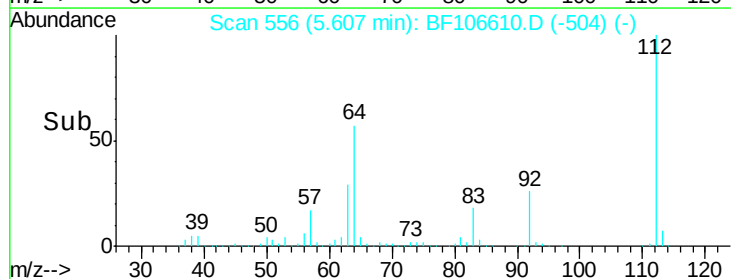
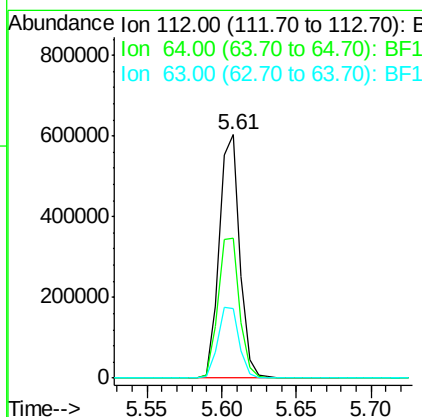
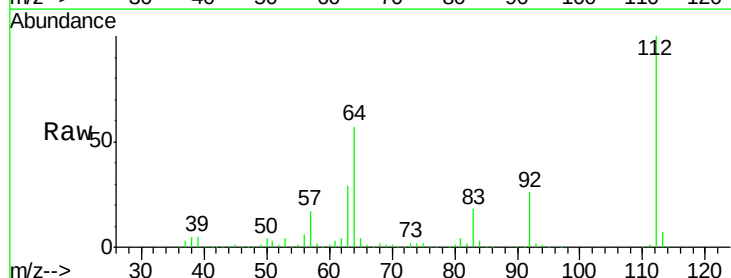
Instrument :
 BNA_F
 ClientSampleId :
 S-3

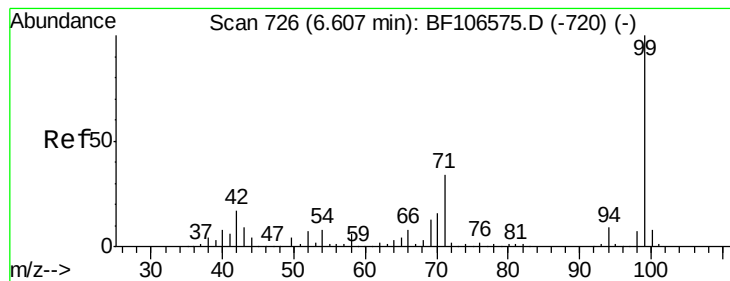
Tgt Ion:152 Resp: 97247
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 59.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 102.046 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF106610.D
 Acq: 20 Jun 2018 4:33

Tgt Ion:112 Resp: 586048
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.9 71.9
 63 28.8 23.7 35.5





#7

Phenol-d6

Concen: 101.529 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106610.D

Acq: 20 Jun 2018 4:33

Instrument :

BNA_F

ClientSampled :

S-3

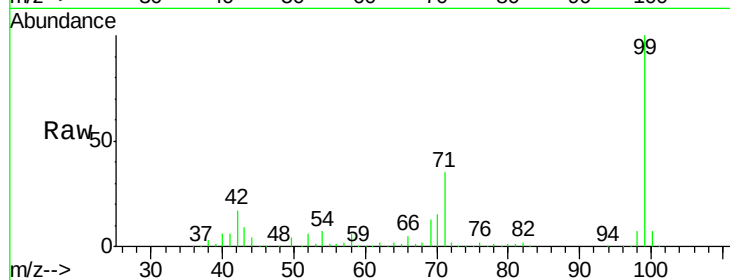
Tgt Ion: 99 Resp: 728153

Ion Ratio Lower Upper

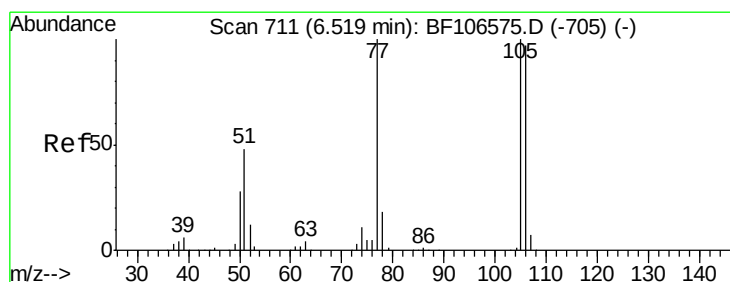
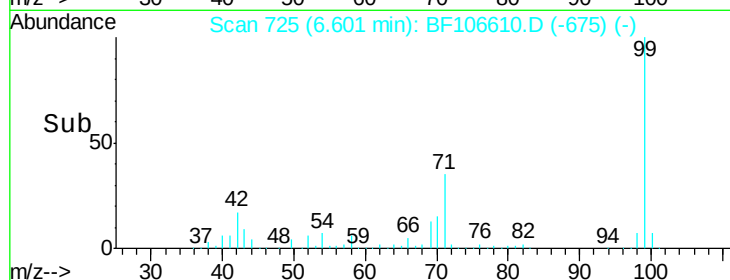
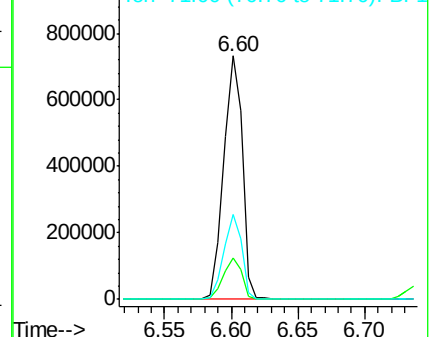
99 100

42 17.1 14.5 21.7

71 35.1 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: 2.216 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106610.D

Acq: 20 Jun 2018 4:33

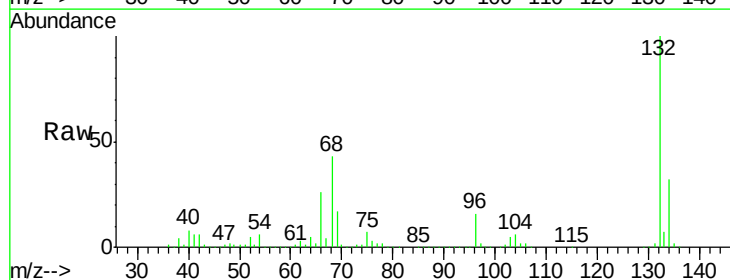
Tgt Ion: 77 Resp: 13357

Ion Ratio Lower Upper

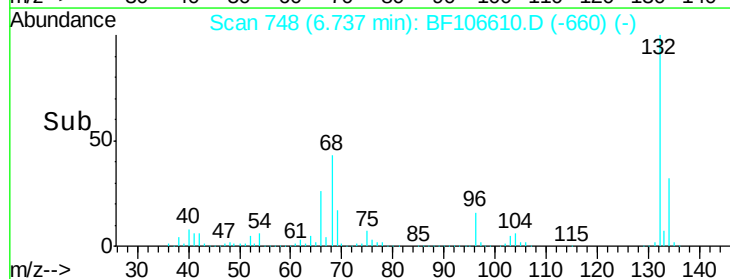
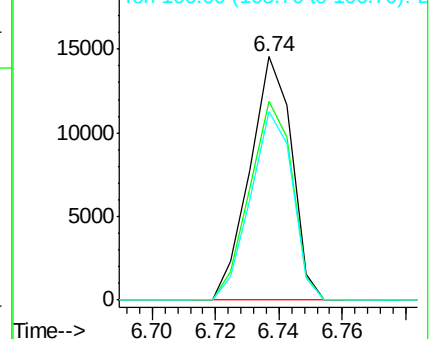
77 100

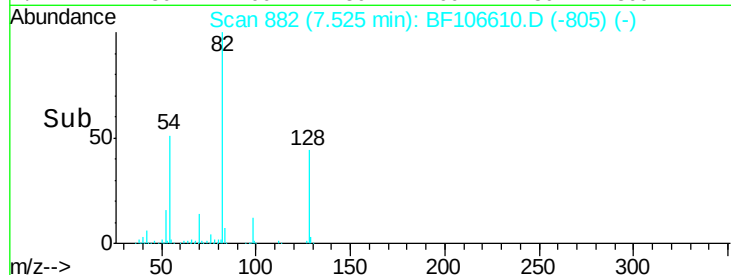
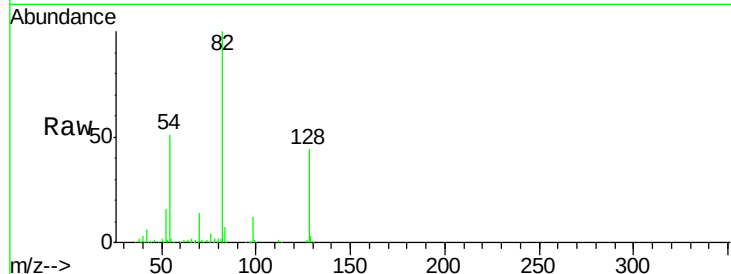
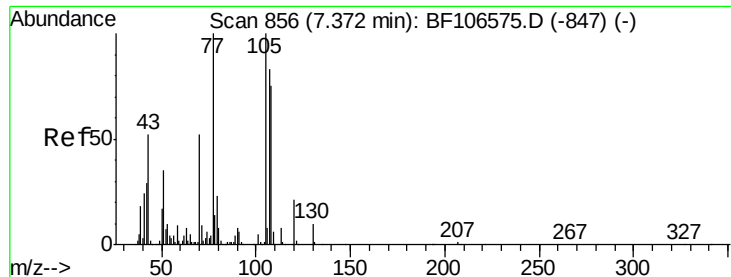
105 81.4 81.1 121.1

106 77.6 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

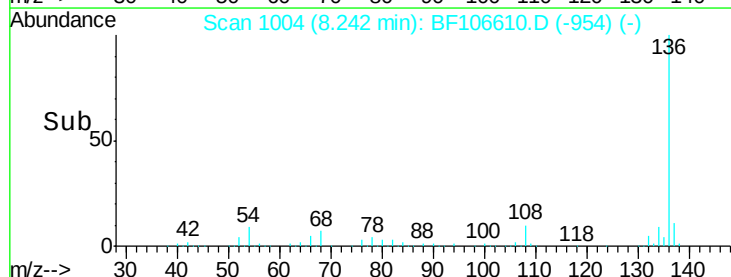
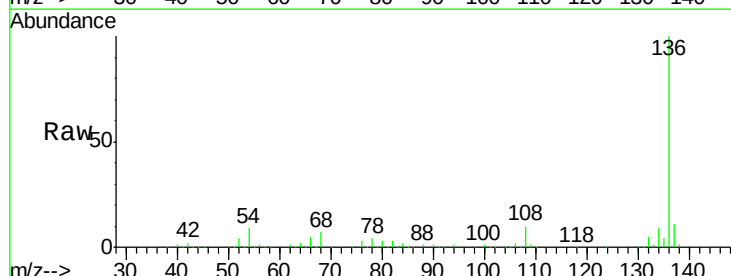
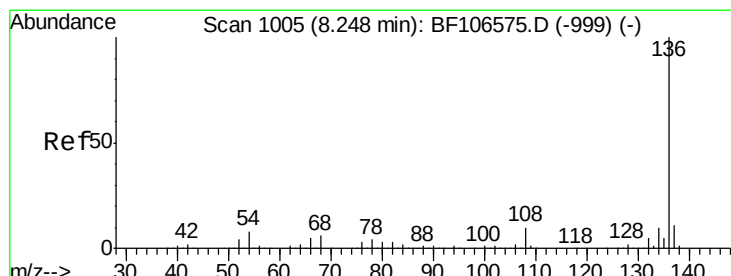
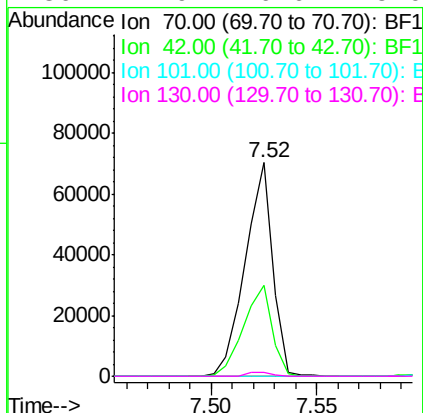




#19
n-Nitroso-di-n-propylamine
Concen: 13.448 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106610.D
Acq: 20 Jun 2018 4:33

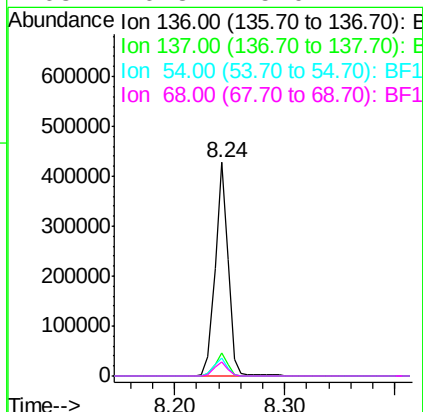
Instrument :
BNA_F
ClientSampled :
S-3

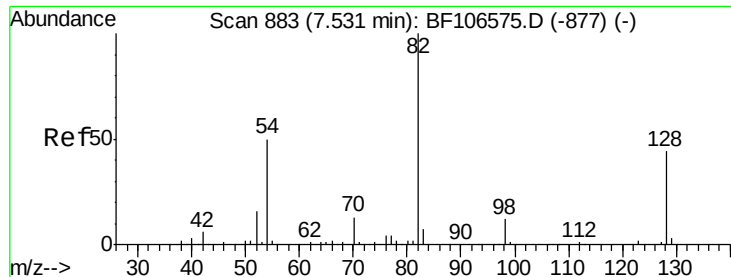
Tgt Ion: 70 Resp: 63575
Ion Ratio Lower Upper
70 100
42 42.7 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106610.D
Acq: 20 Jun 2018 4:33

Tgt Ion: 136 Resp: 346450
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.5 6.6 9.8
68 6.8 5.0 7.4

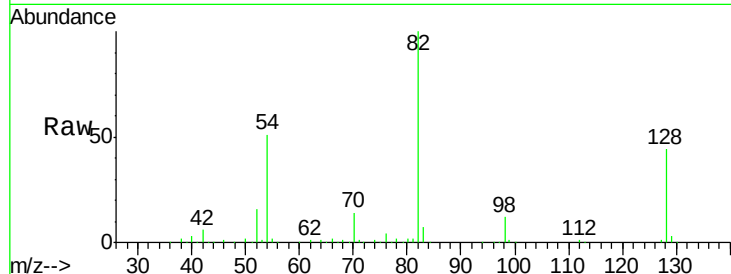




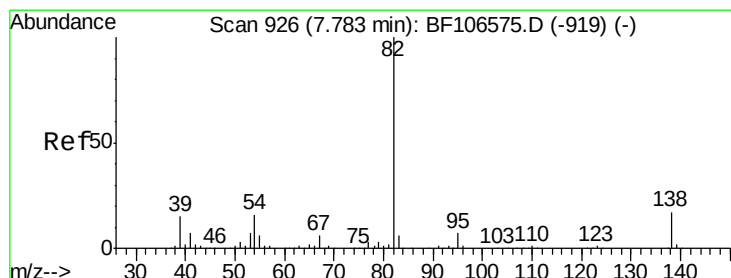
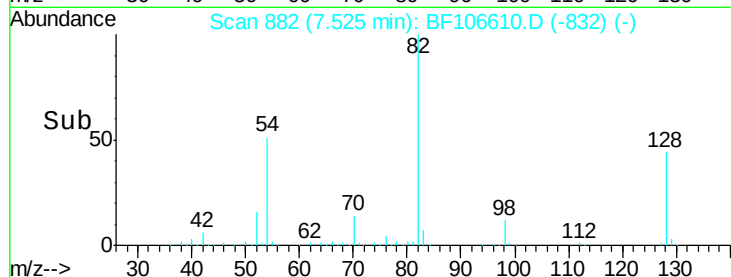
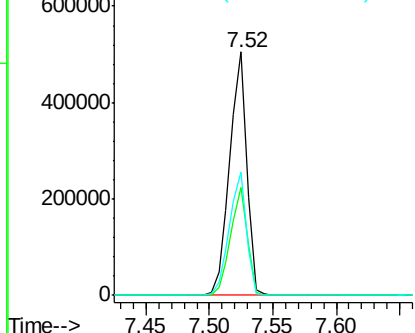
#23
Nitrobenzene-d5
Concen: 75.670 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106610.D
Acq: 20 Jun 2018 4:33

Instrument :
BNA_F
ClientSampleId :
S-3

Tgt Ion: 82 Resp: 471732
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 50.5 41.4 62.2

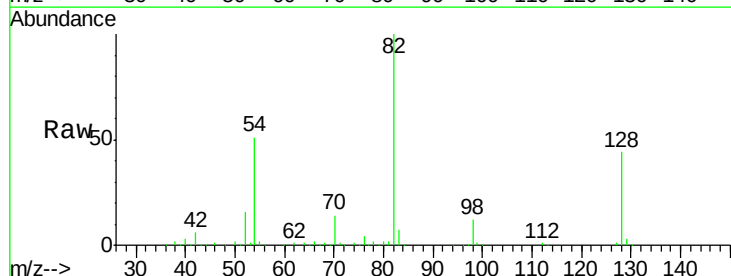


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

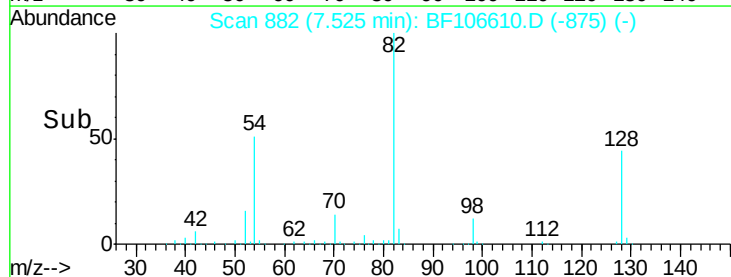
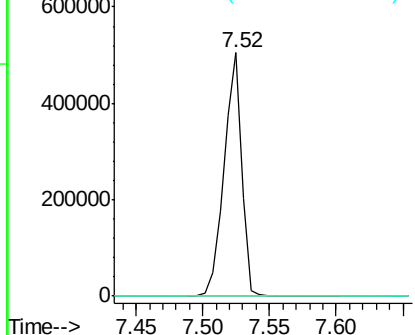


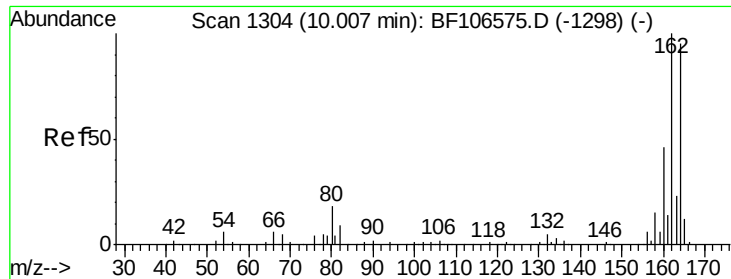
#25
Isophorone
Concen: 42.941 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106610.D
Acq: 20 Jun 2018 4:33

Tgt Ion: 82 Resp: 471725
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: BF106610.D

Acq: 20 Jun 2018 4:33

Instrument :

BNA_F

ClientSampleId :

S-3

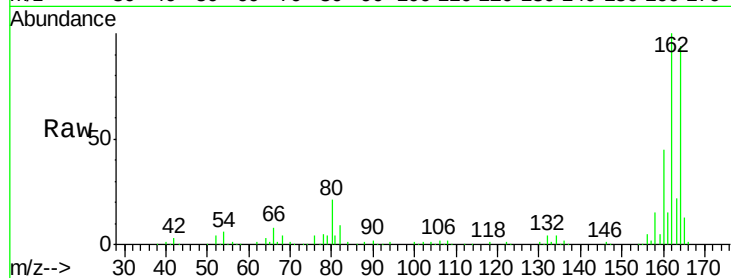
Tgt Ion:164 Resp: 134342

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

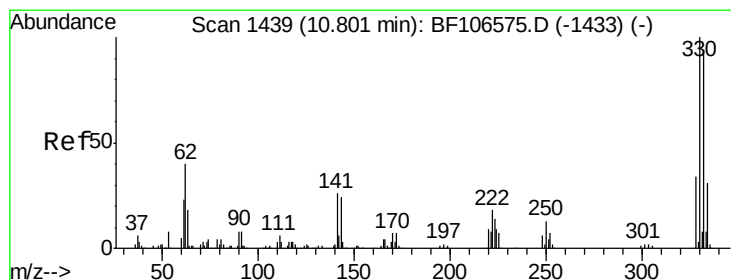
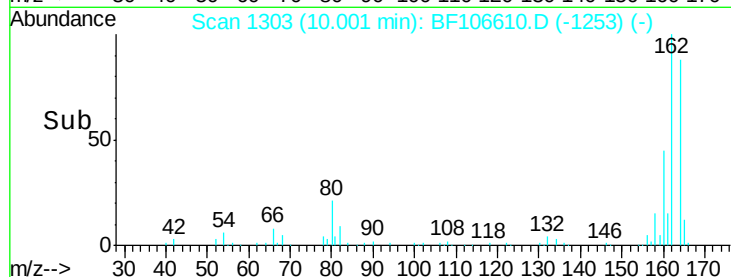
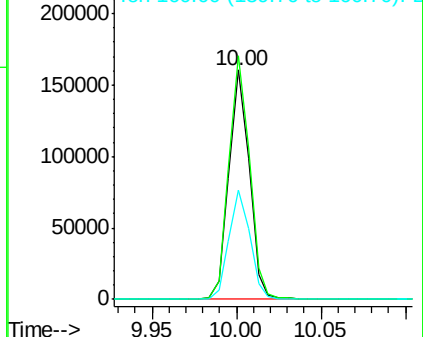
160 47.6 38.3 57.5



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: 96.946 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106610.D

Acq: 20 Jun 2018 4:33

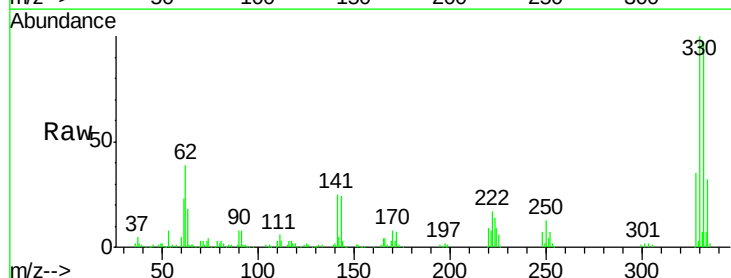
Tgt Ion:330 Resp: 150951

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

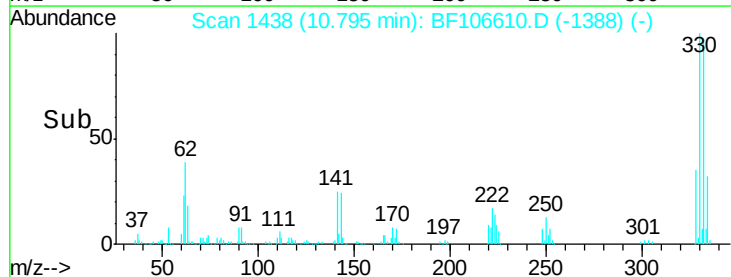
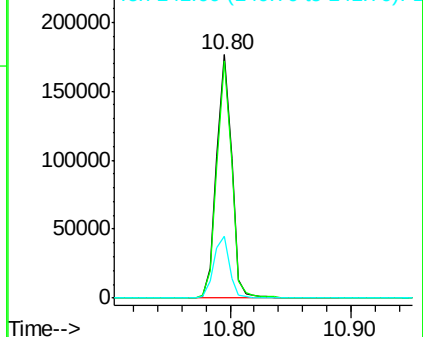
141 27.0 29.9 44.9#

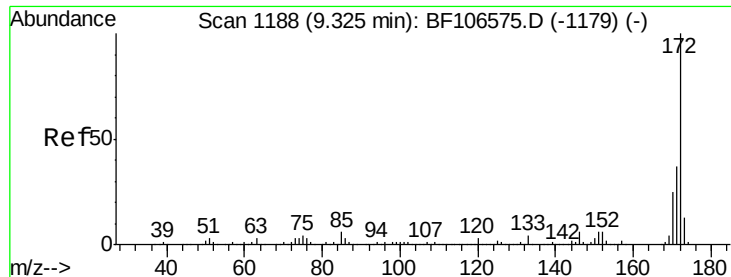


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

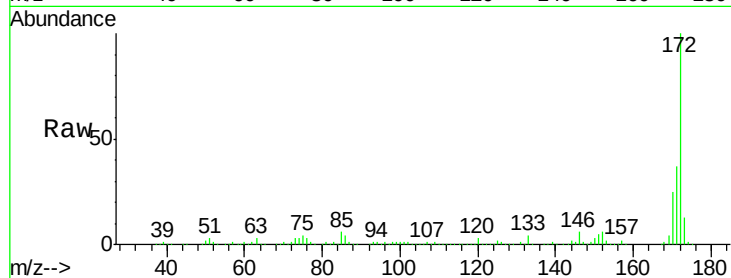




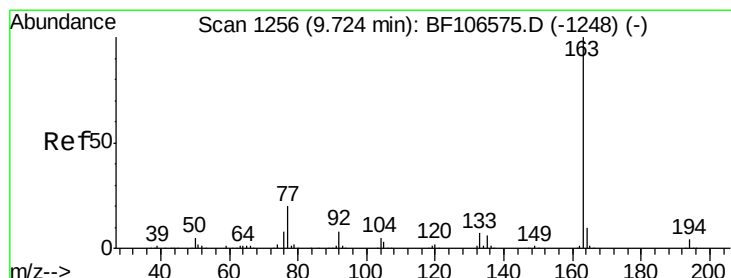
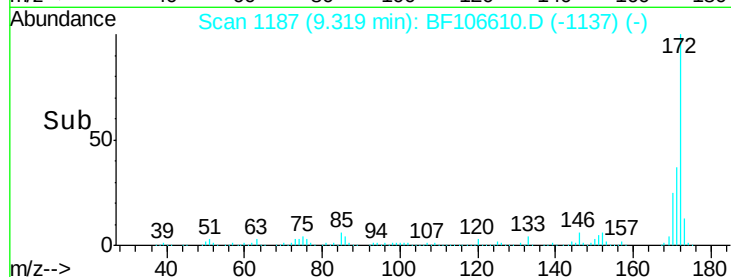
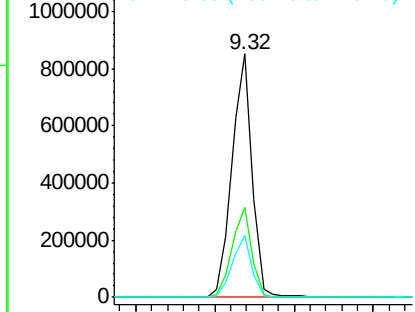
#44
 2-Fluorobiphenyl
 Concen: 96.743 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106610.D
 Acq: 20 Jun 2018 4:33

Instrument :
 BNA_F
 ClientSampled :
 S-3

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.3	19.6	29.4

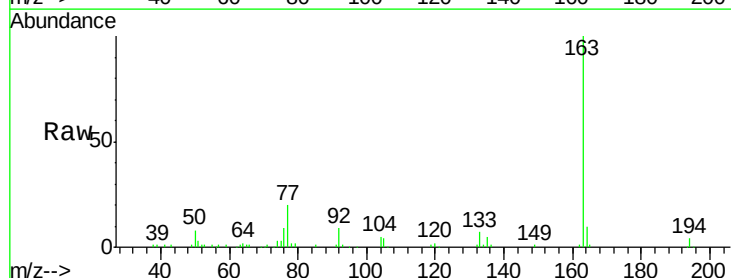


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

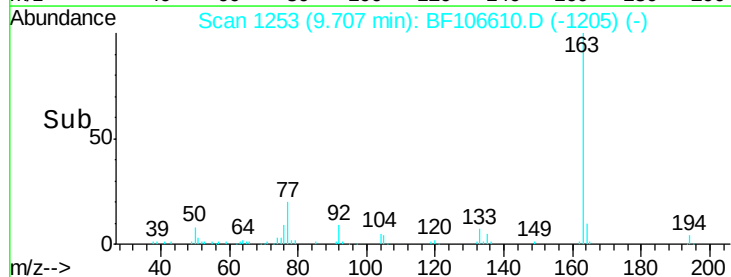
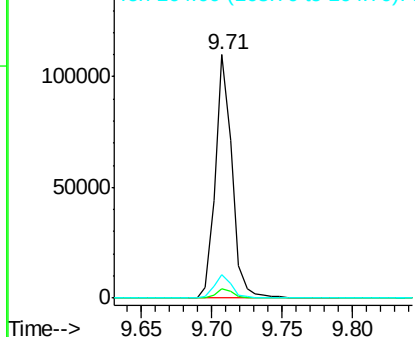


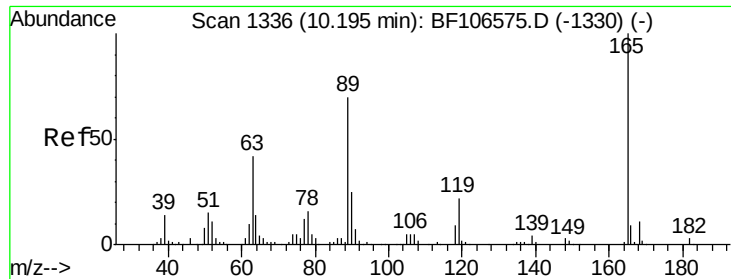
#49
 Dimethylphthalate
 Concen: 8.951 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106610.D
 Acq: 20 Jun 2018 4:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.6	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

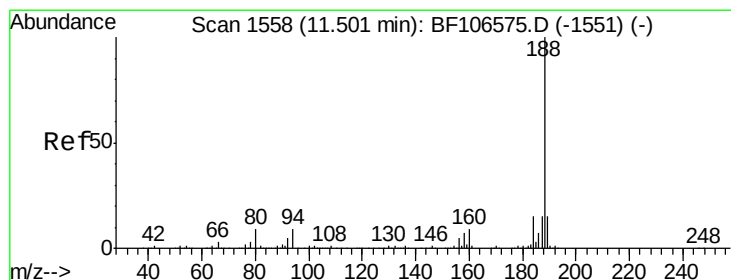
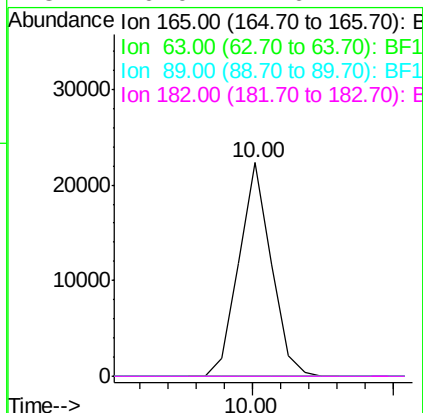
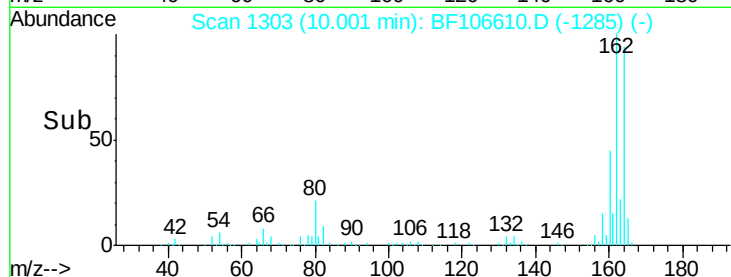
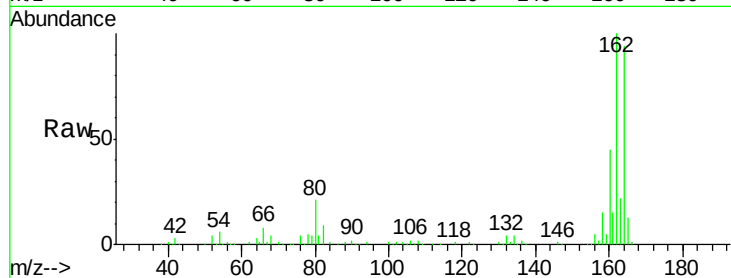




#56
2,4-Dinitrotoluene
Concen: 6.355 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106610.D
Acq: 20 Jun 2018 4:33

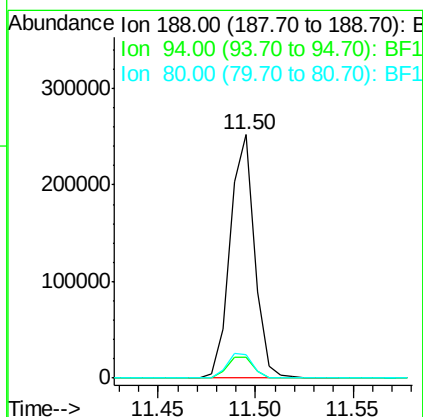
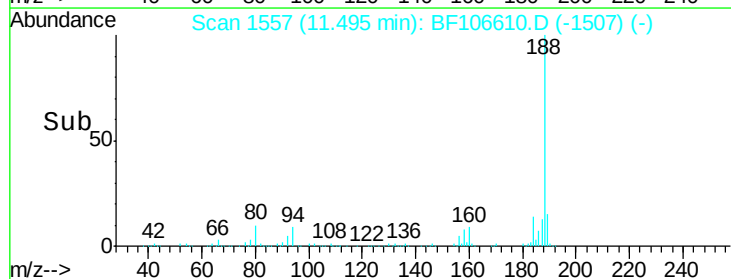
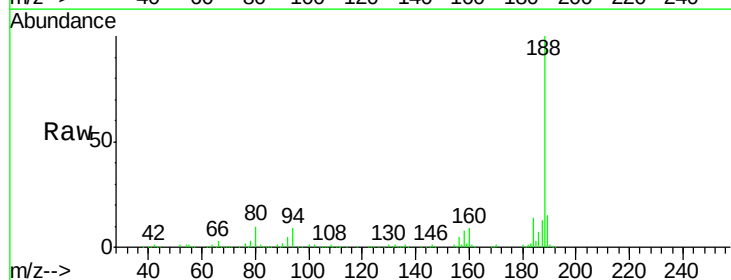
Instrument :
BNA_F
ClientSampleId :
S-3

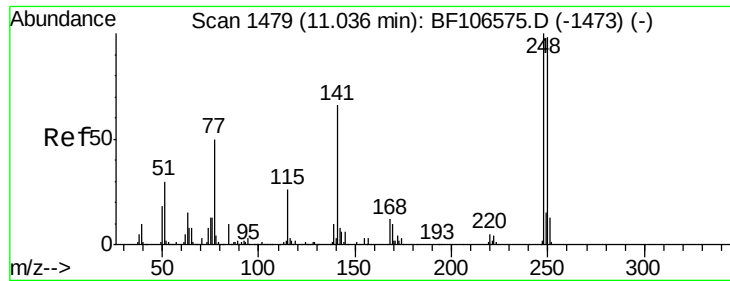
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106610.D
Acq: 20 Jun 2018 4:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.7	9.2	13.8

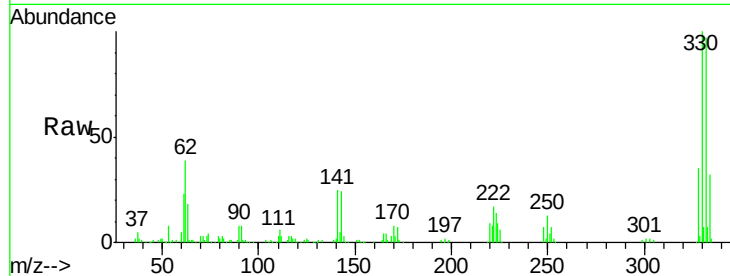




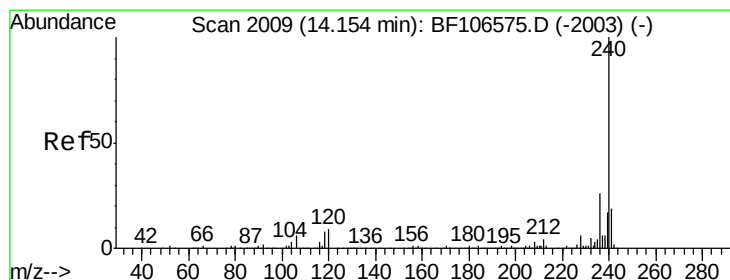
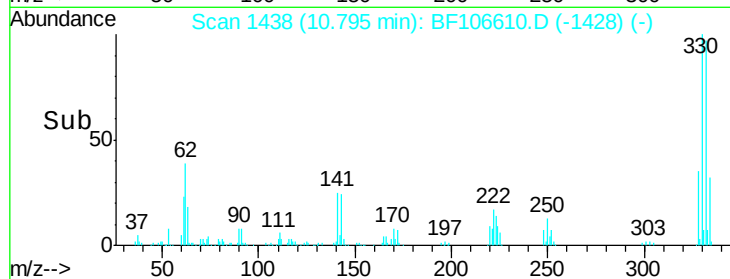
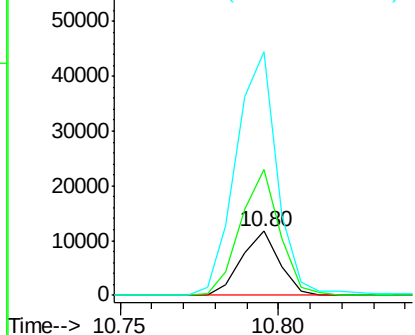
#66
 4-Bromophenyl-phenylether
 Concen: 3.717 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106610.D
 Acq: 20 Jun 2018 4:33

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Tgt Ion: 248 Resp: 9676
 Ion Ratio Lower Upper
 248 100
 250 197.1 76.9 115.3#
 141 381.2 74.4 111.6#

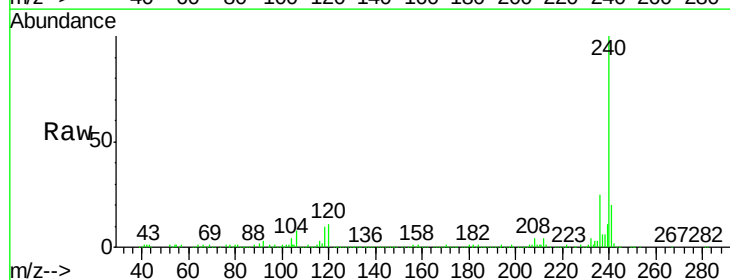


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

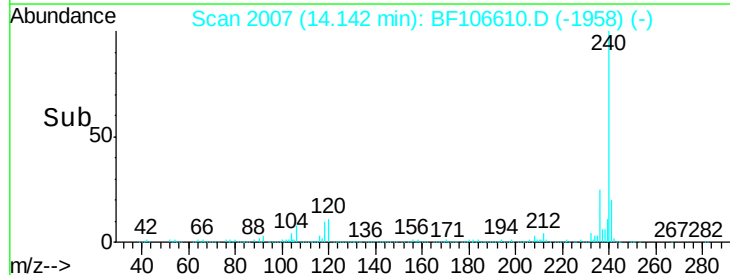
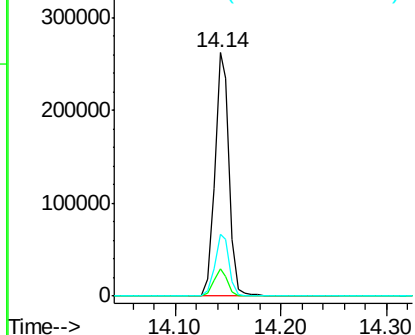


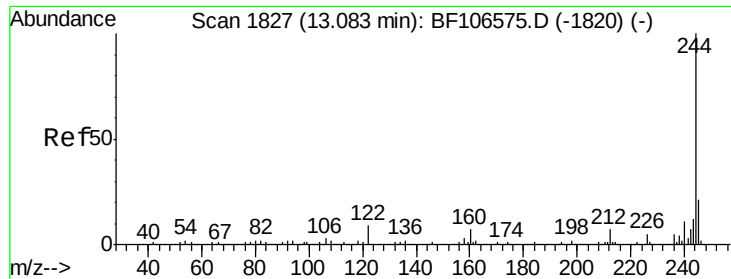
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF106610.D
 Acq: 20 Jun 2018 4:33

Tgt Ion: 240 Resp: 251314
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.5 14.3
 236 25.5 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: 67.706 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106610.D

Acq: 20 Jun 2018 4:33

Instrument :

BNA_F

ClientSampleId :

S-3

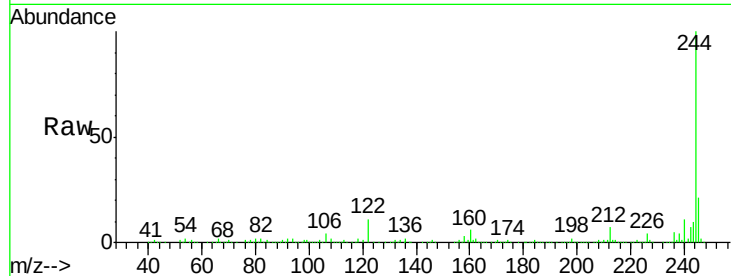
Tgt Ion:244 Resp: 702453

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

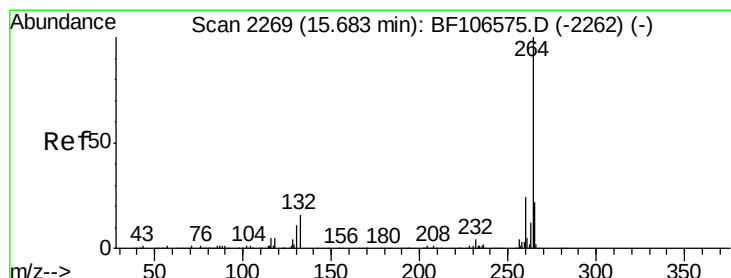
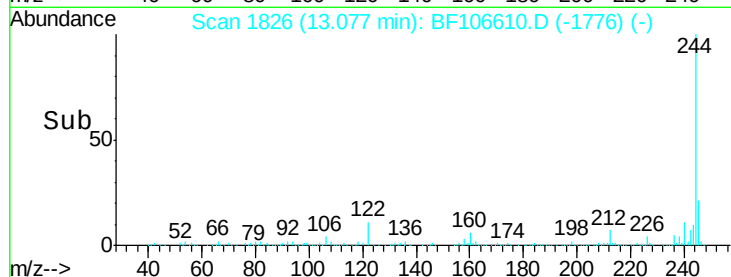
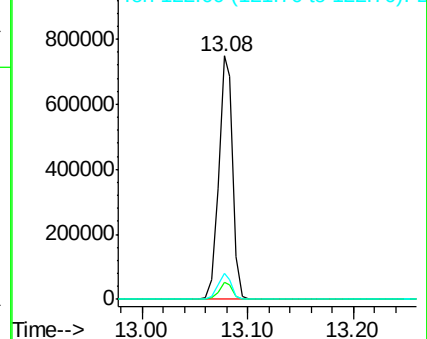
122 10.7 11.0 16.4#



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: BF106610.D

Acq: 20 Jun 2018 4:33

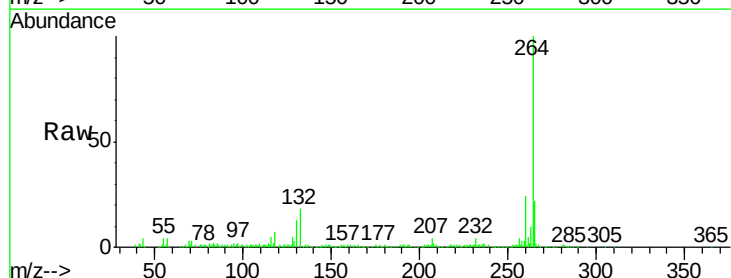
Tgt Ion:264 Resp: 176682

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.2 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

