

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106637.D
 Acq On : 20 Jun 2018 23:16
 Operator : JU/SJ
 Sample : J3554-06RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-5(2.5)

Quant Time: Jun 21 01:04:57 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

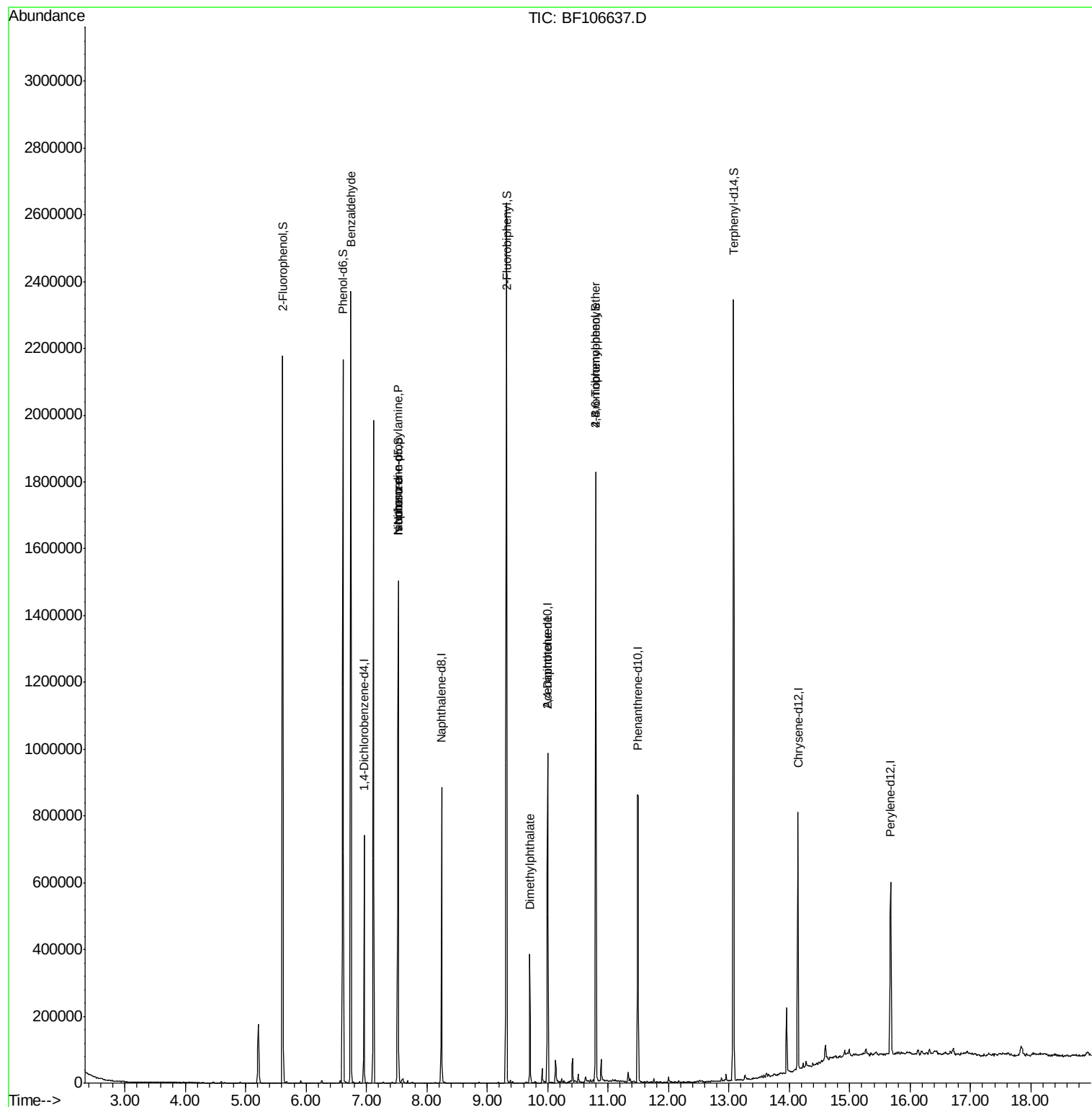
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93871	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	363463	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	187115	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	341469	20.00	ng	0.00
75) Chrysene-d12	14.14	240	261935	20.00	ng	-0.01
86) Perylene-d12	15.68	264	249206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	648458	116.97	ng	0.01
7) Phenol-d6	6.61	99	825531	119.25	ng	0.00
23) Nitrobenzene-d5	7.52	82	574340	87.82	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	266921	123.08	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	856635	75.91	ng	0.00
78) Terphenyl-d14	13.08	244	856751	79.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	15506	2.653	ng	85
19) n-Nitroso-di-n-propylamine	7.52	70	76152	16.688	ng	# 73
25) Isophorone	7.52	82	574336	49.835	ng	# 64
49) Dimethylphthalate	9.71	163	133840	9.537	ng	98
56) 2,4-Dinitrotoluene	10.00	165	23971	6.180	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	16925	4.153	ng	# 1

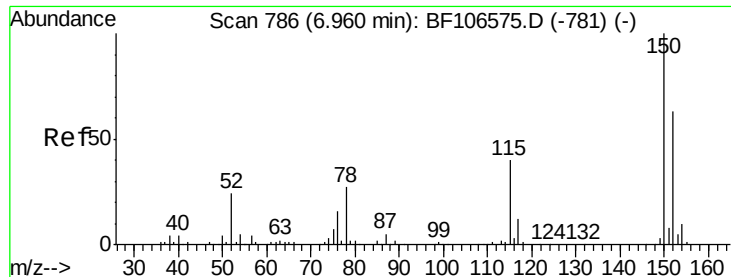
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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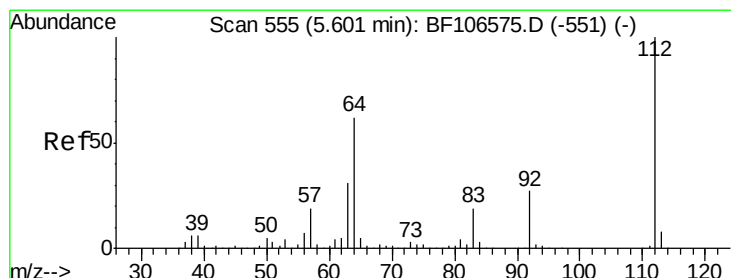
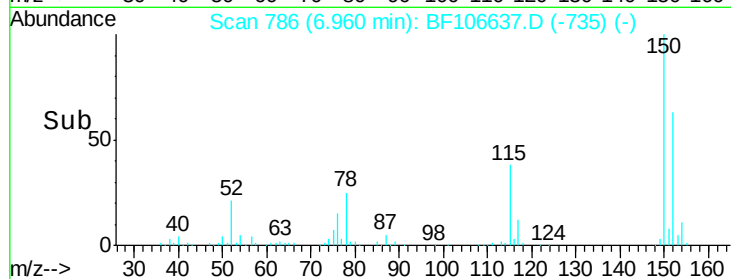
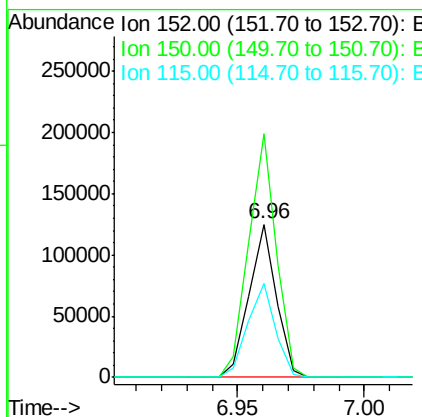
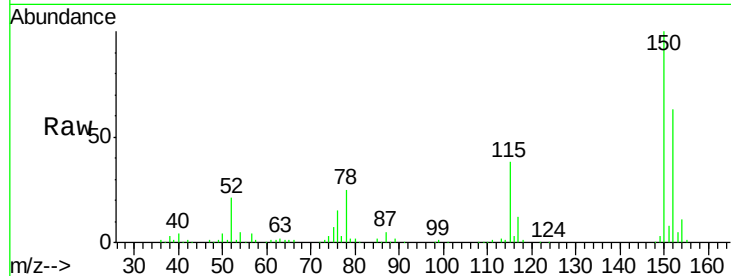


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

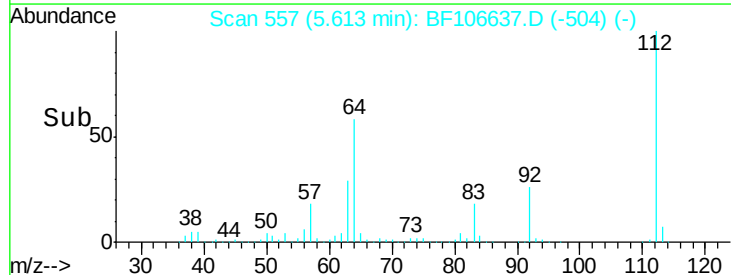
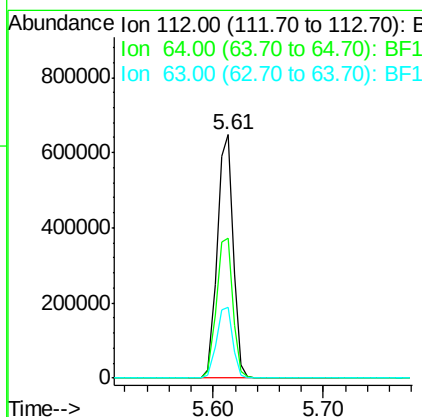
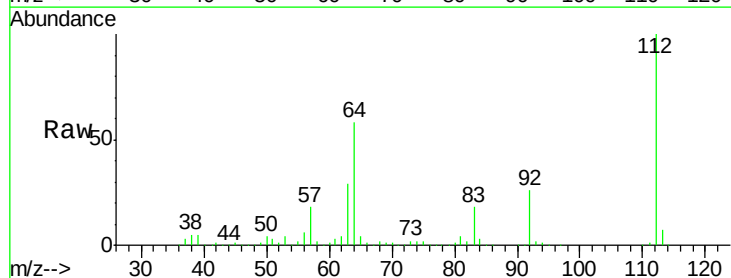
Tgt Ion:152 Resp: 93871
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 61.2 50.1 75.1

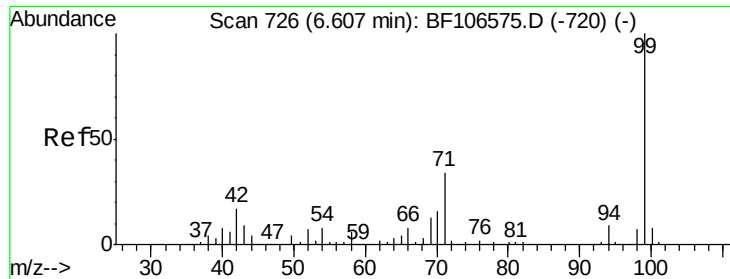


#5

2-Fluorophenol
Concen: 116.974 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion:112 Resp: 648458
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 119.246 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106637.D

Acq: 20 Jun 2018 23:16

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

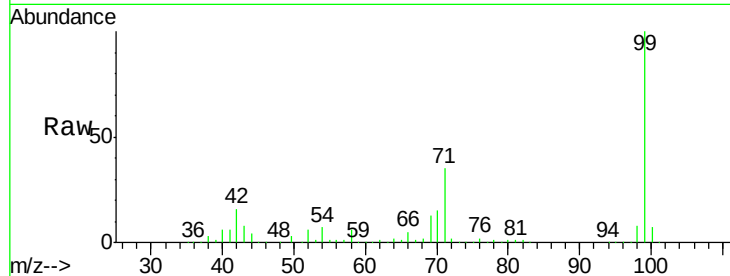
Tgt Ion: 99 Resp: 825531

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

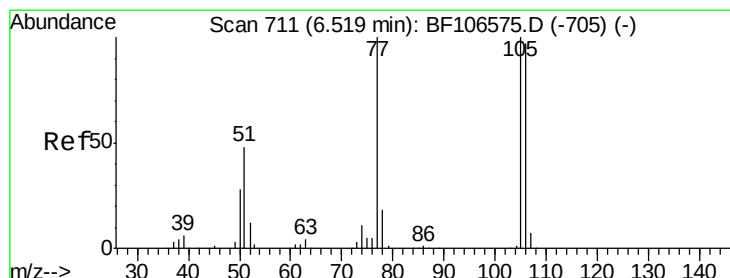
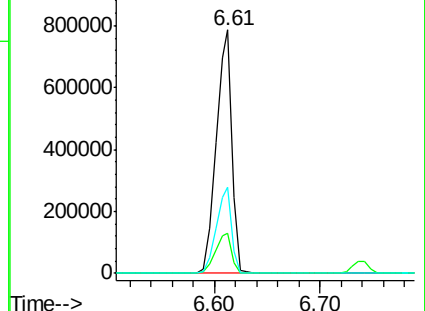
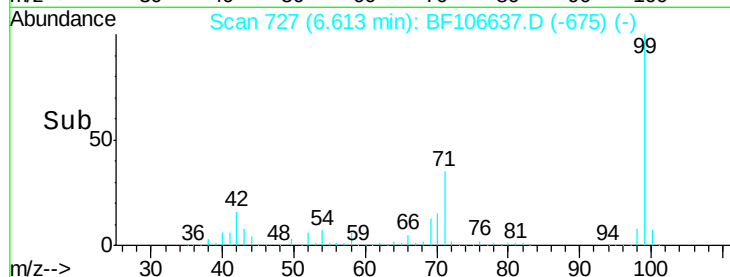
71 35.2 25.4 38.0



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: 2.653 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106637.D

Acq: 20 Jun 2018 23:16

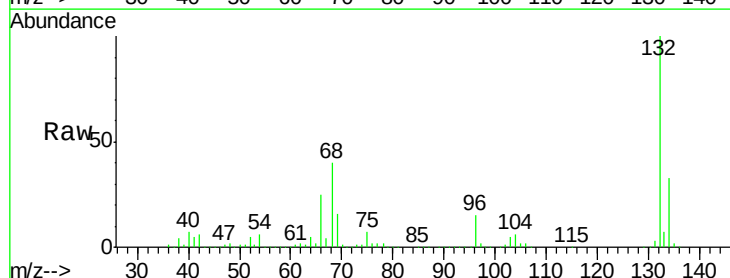
Tgt Ion: 77 Resp: 15506

Ion Ratio Lower Upper

77 100

105 87.5 81.1 121.1

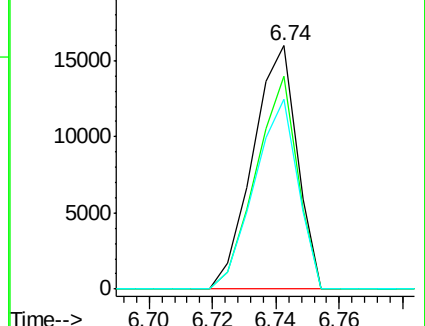
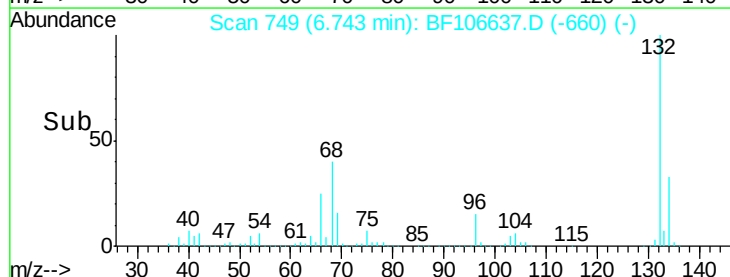
106 78.1 74.5 114.5

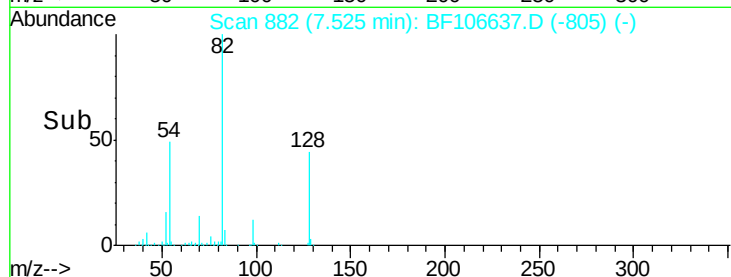
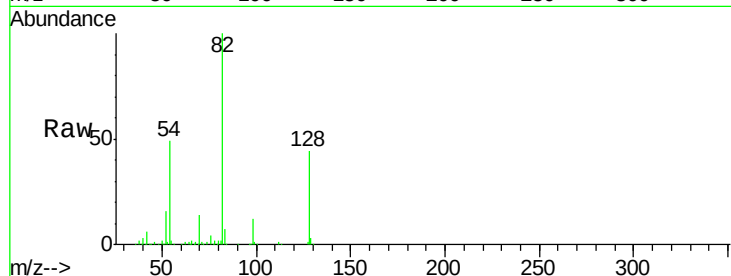
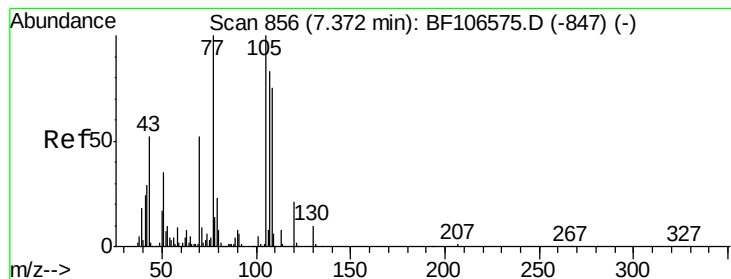


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 16.688 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106637.D

Acq: 20 Jun 2018 23:16

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

Tgt Ion: 70 Resp: 76152

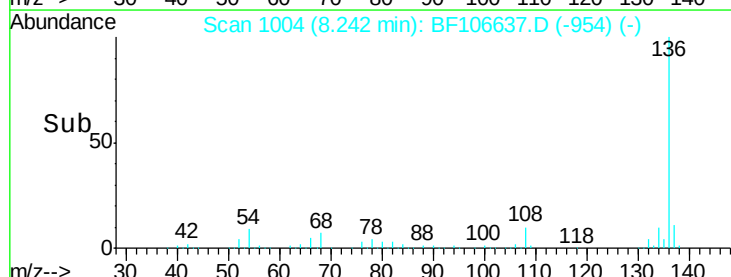
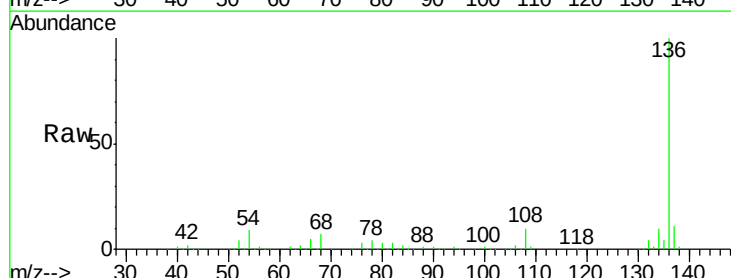
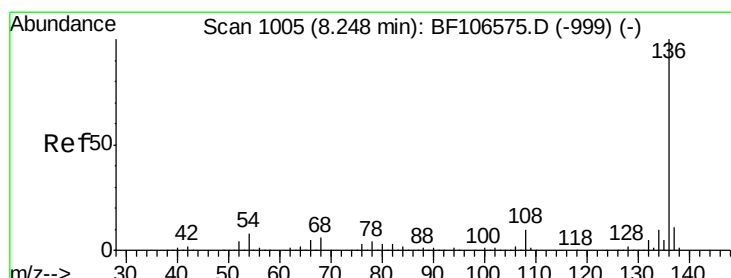
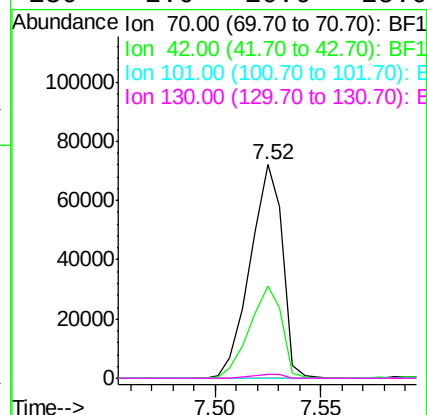
Ion Ratio Lower Upper

70 100

42 43.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 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: BF106637.D

Acq: 20 Jun 2018 23:16

Tgt Ion: 136 Resp: 363463

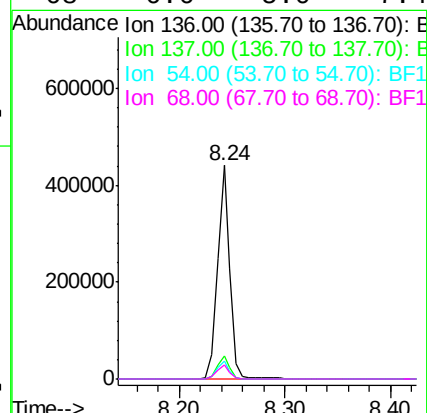
Ion Ratio Lower Upper

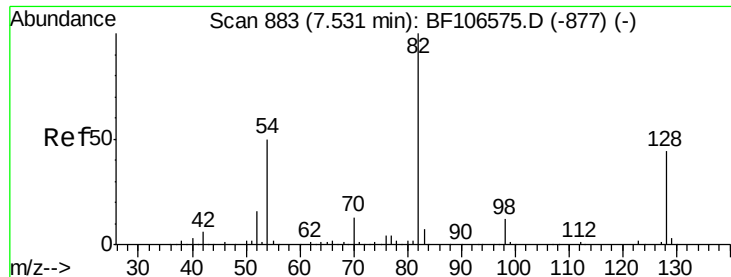
136 100

137 10.8 8.9 13.3

54 8.5 6.6 9.8

68 6.6 5.0 7.4

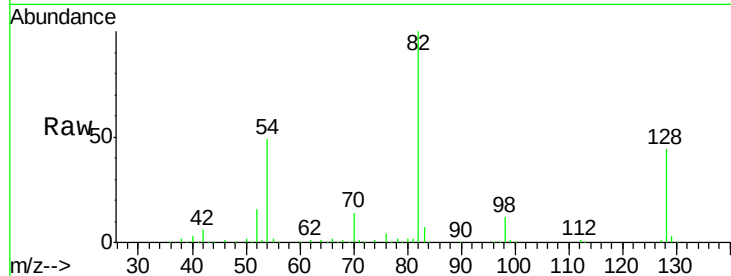




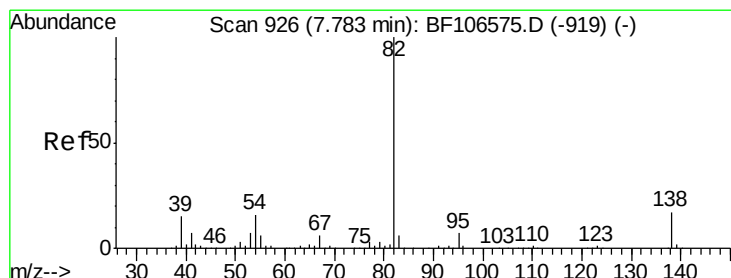
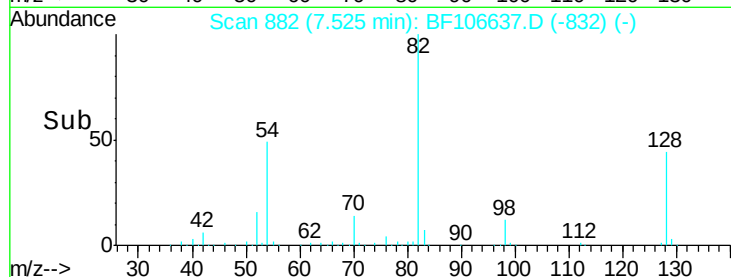
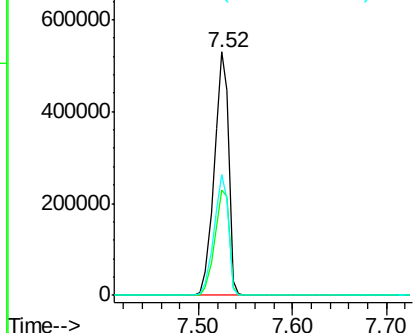
#23
 Nitrobenzene-d5
 Concen: 87.817 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106637.D
 Acq: 20 Jun 2018 23:16

Instrument :
 BNA_F
 ClientSampleId :
 A-5(2.5)

Tgt Ion: 82 Resp: 574340
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.1 54.1
 54 49.4 41.4 62.2

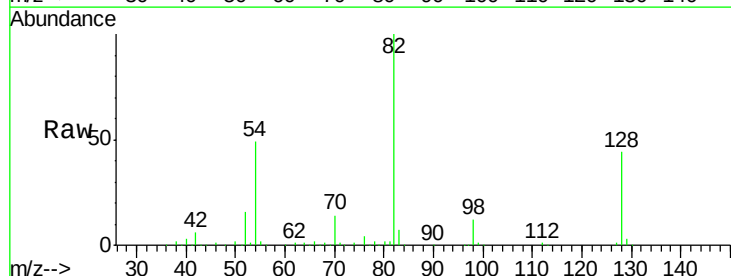


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

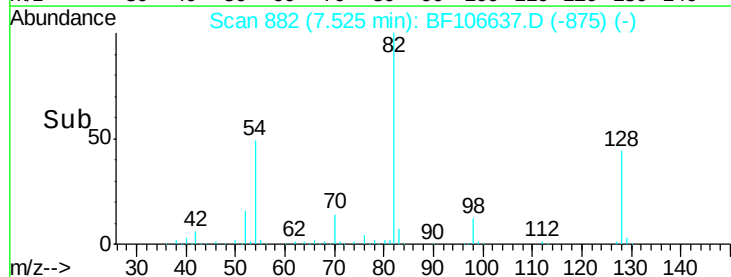
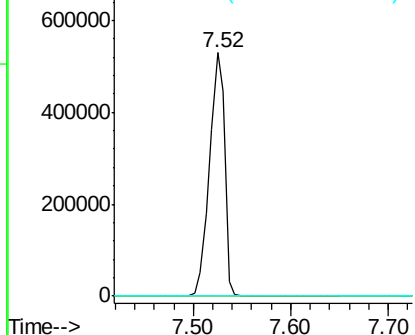


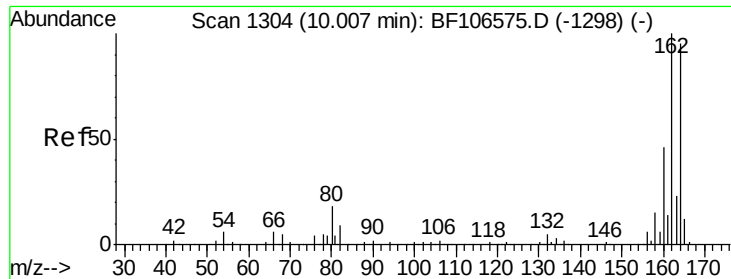
#25
 Isophorone
 Concen: 49.835 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106637.D
 Acq: 20 Jun 2018 23:16

Tgt Ion: 82 Resp: 574336
 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: BF106637.D

Acq: 20 Jun 2018 23:16

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

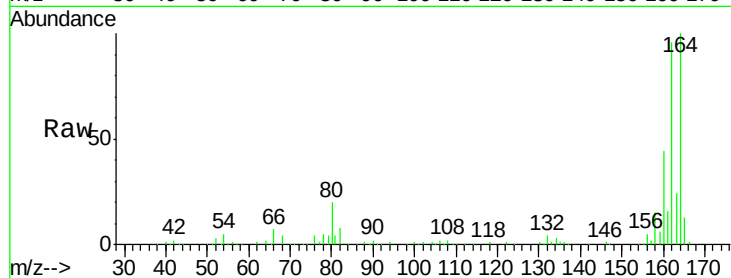
Tgt Ion:164 Resp: 187115

Ion Ratio Lower Upper

164 100

162 95.7 86.1 129.1

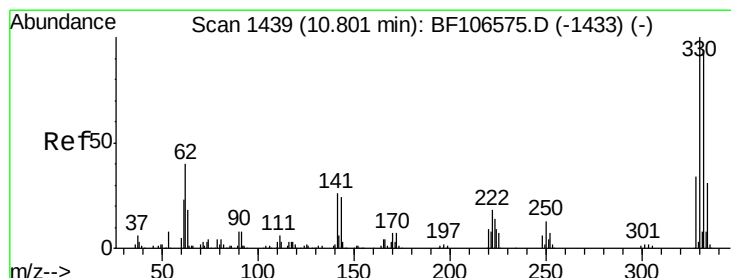
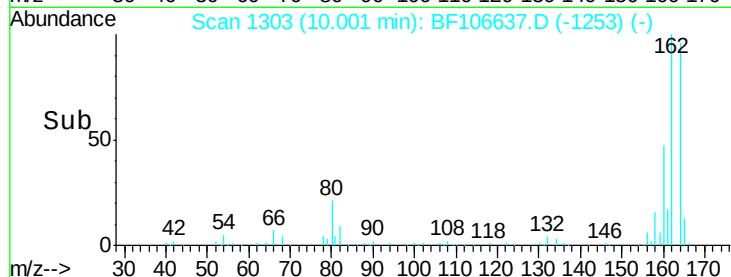
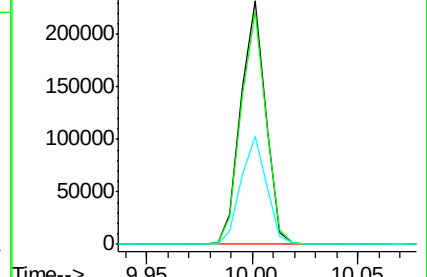
160 44.3 38.3 57.5



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: 123.078 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106637.D

Acq: 20 Jun 2018 23:16

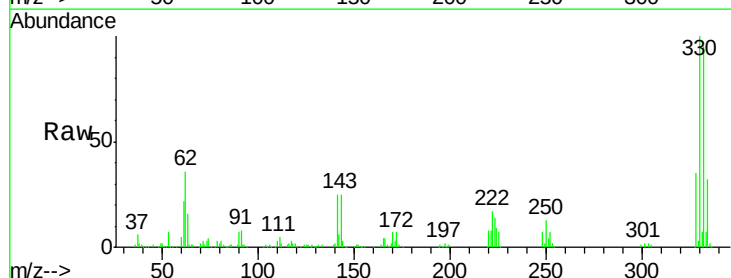
Tgt Ion:330 Resp: 266921

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

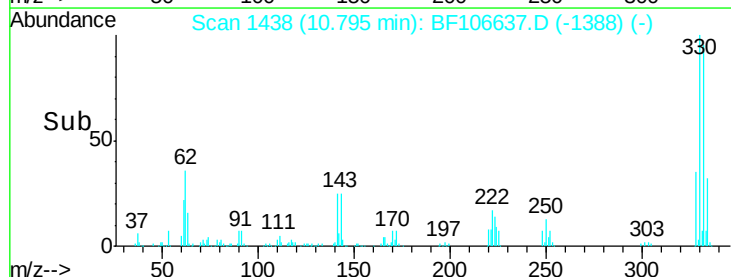
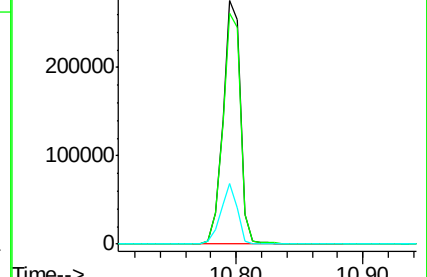
141 24.0 29.9 44.9#

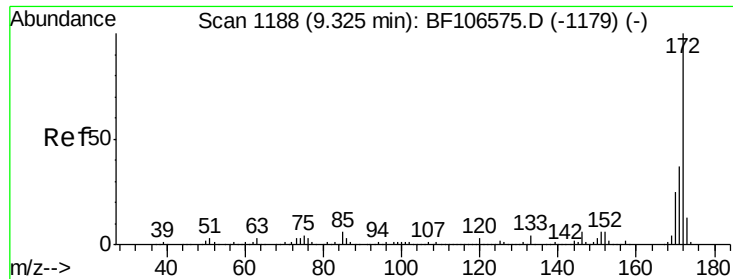


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

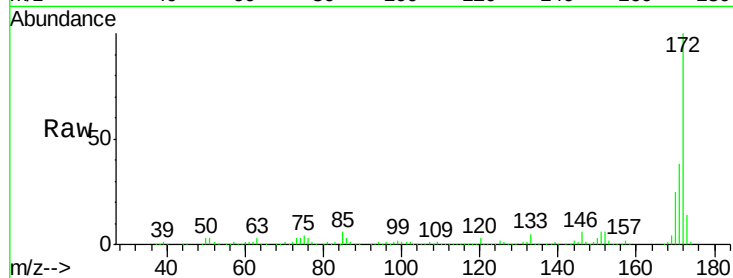




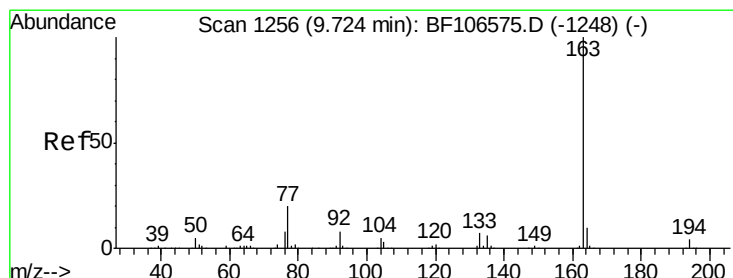
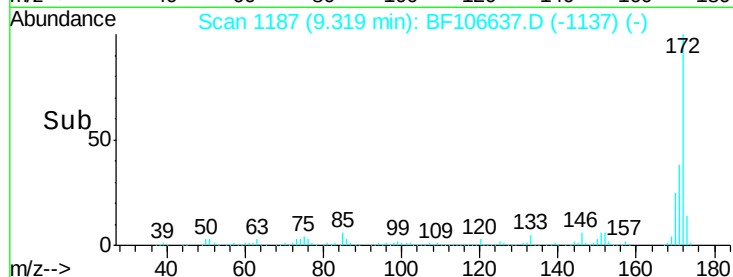
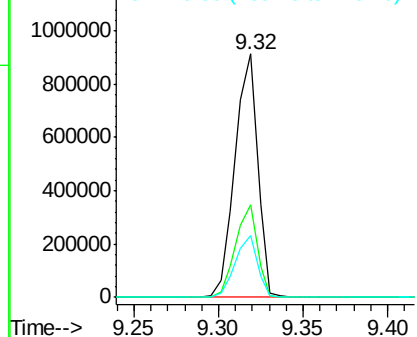
#44
2-Fluorobiphenyl
Concen: 75.914 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

Tgt Ion:172 Resp: 856635
Ion Ratio Lower Upper
172 100
171 37.8 29.7 44.5
170 25.4 19.6 29.4

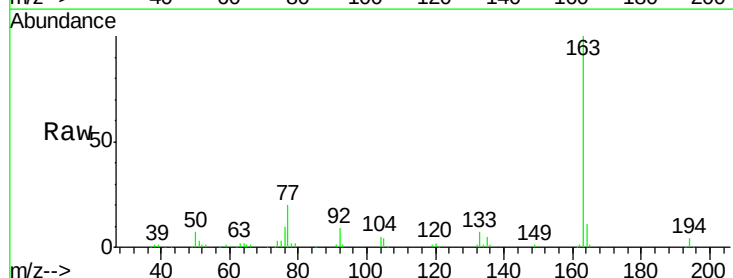


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

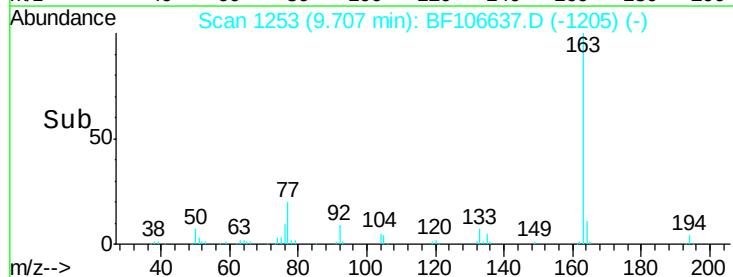
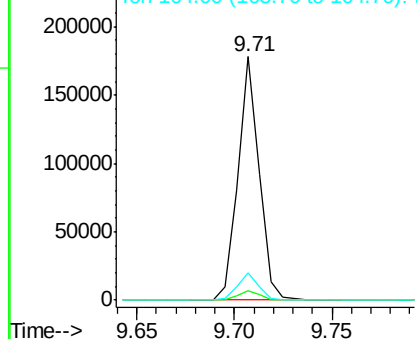


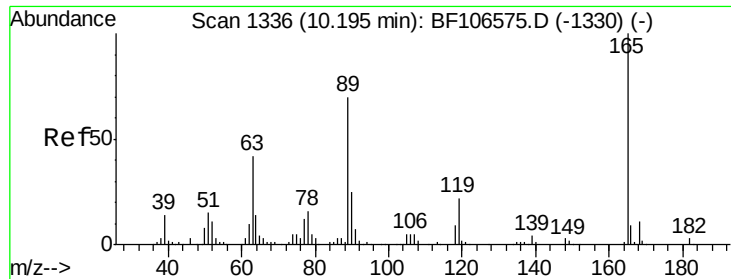
#49
Dimethylphthalate
Concen: 9.537 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion:163 Resp: 133840
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.1 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

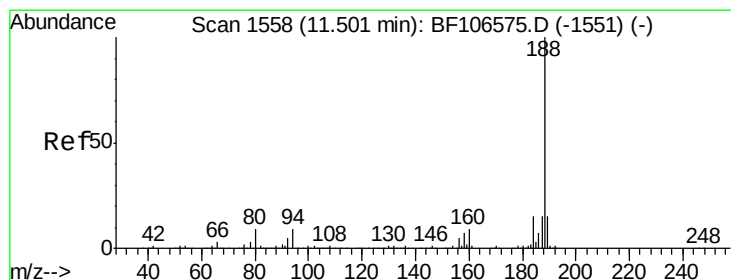
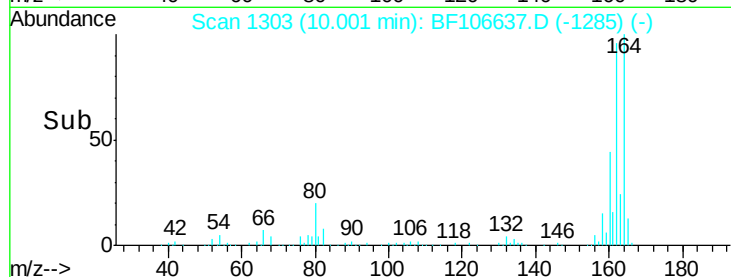
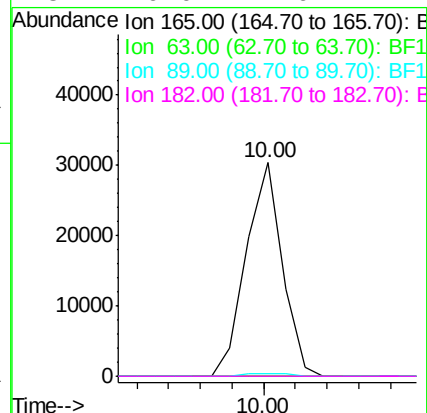
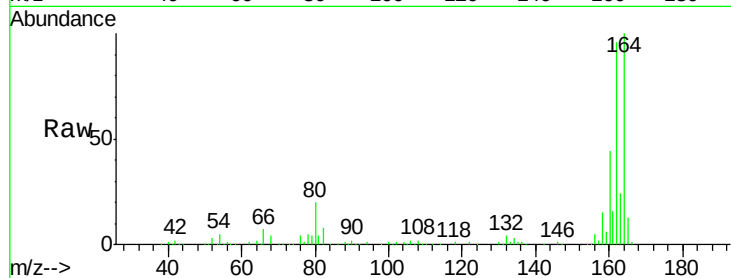




#56
2,4-Dinitrotoluene
Concen: 6.180 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

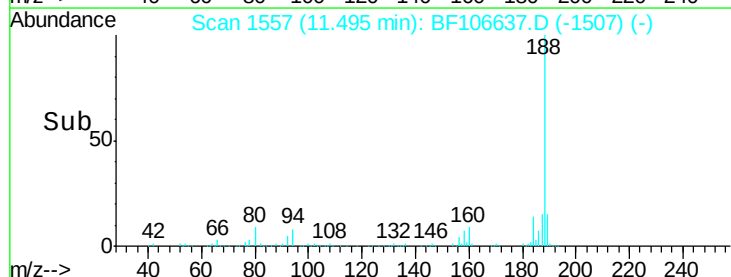
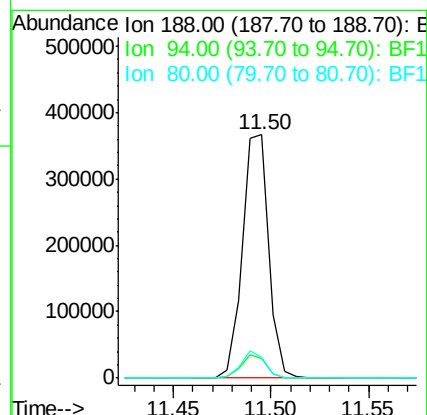
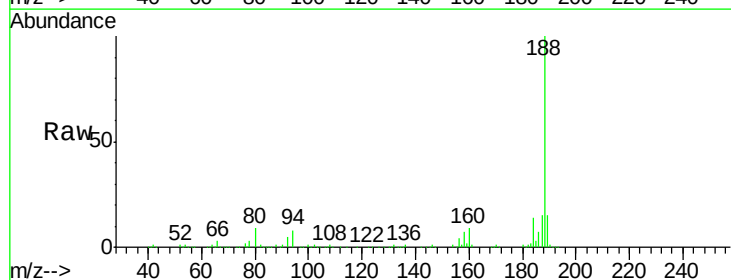
Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

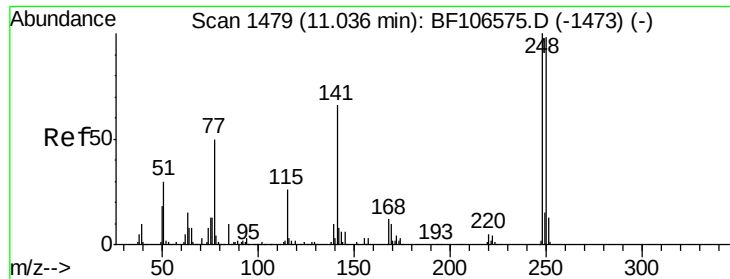
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.6	9.2	13.8#

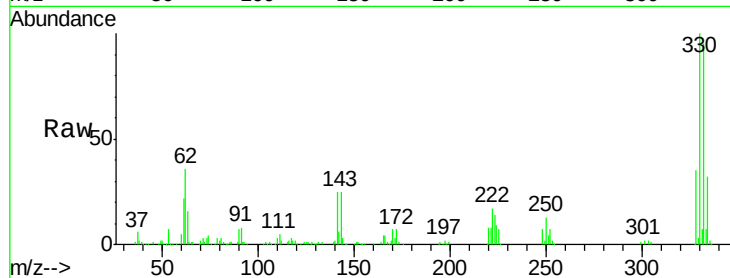




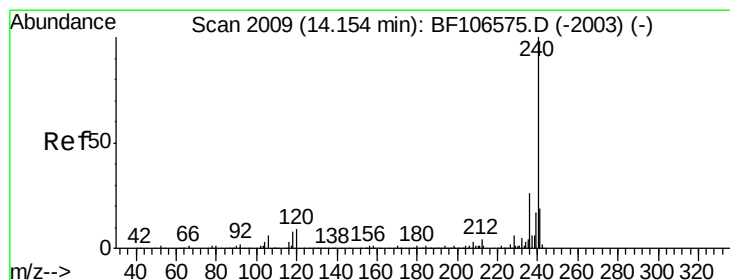
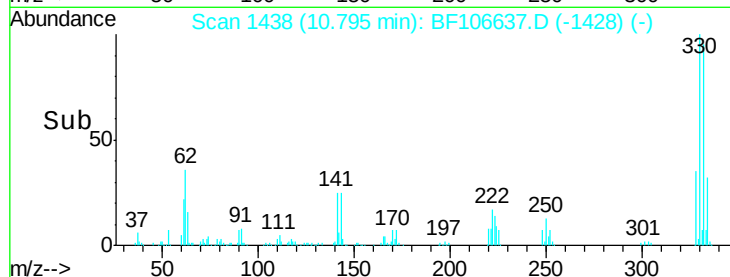
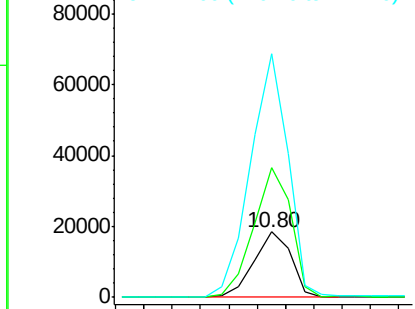
#66
4-Bromophenyl-phenylether
Concen: 4.153 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Instrument :
BNA_F
ClientSampled :
A-5(2.5)

Tgt Ion:248 Resp: 16925
Ion Ratio Lower Upper
248 100
250 198.2 76.9 115.3#
141 372.0 74.4 111.6#

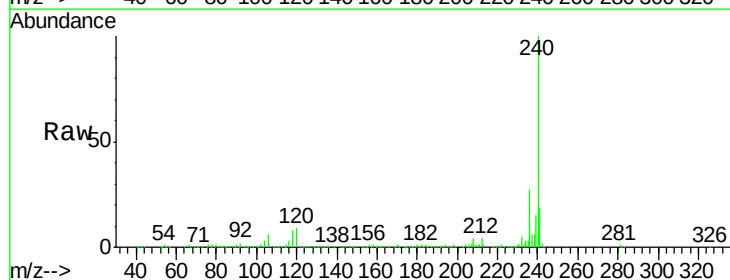


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

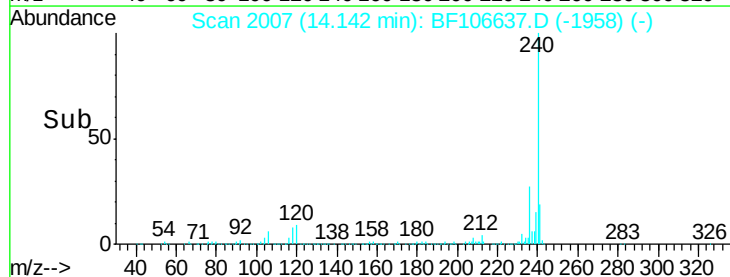
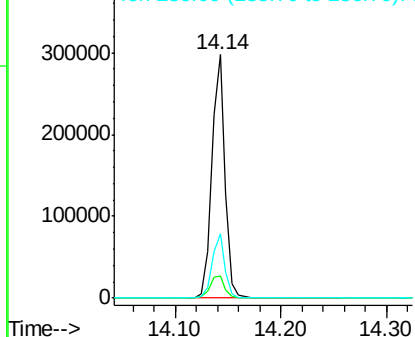


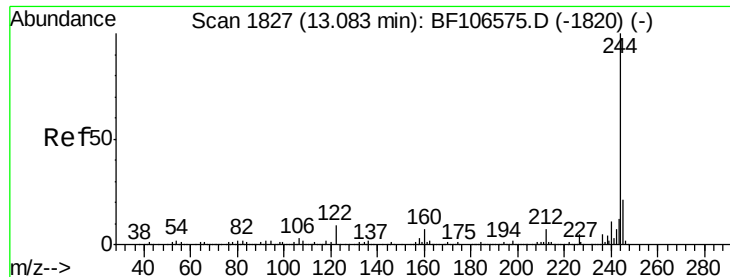
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion:240 Resp: 261935
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 26.5 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: 79.230 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106637.D

Acq: 20 Jun 2018 23:16

Instrument :

BNA_F

ClientSampleId :

A-5(2.5)

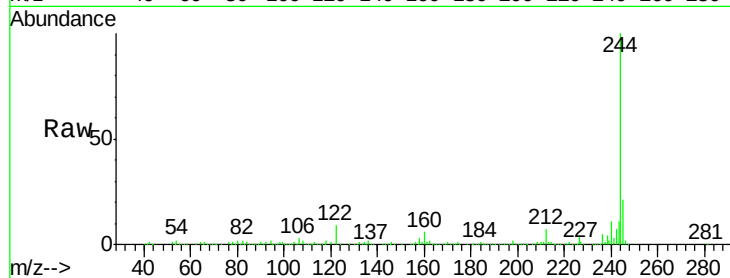
Tgt Ion:244 Resp: 856751

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

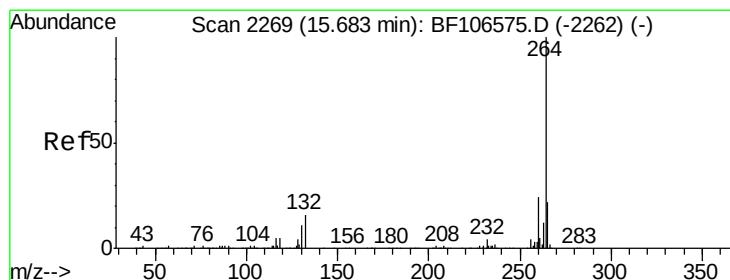
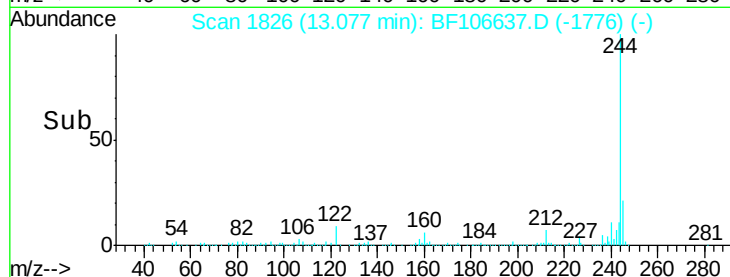
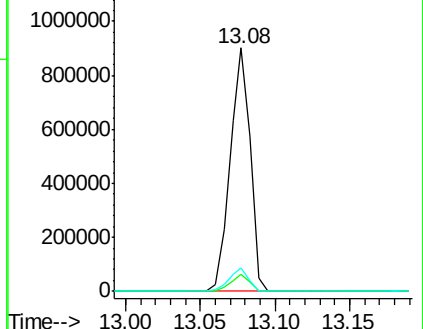
122 9.4 11.0 16.4#



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: BF106637.D

Acq: 20 Jun 2018 23:16

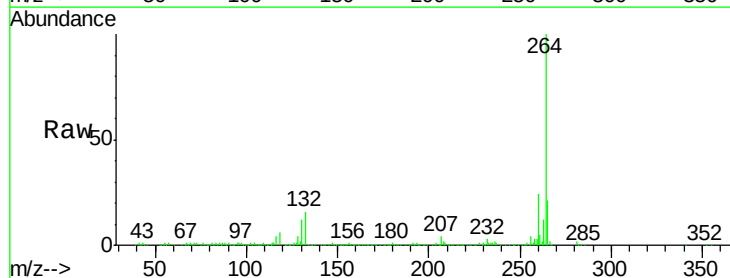
Tgt Ion:264 Resp: 249206

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.2 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

