

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106748.D
 Acq On : 23 Jun 2018 9:31
 Operator : JU/SJ
 Sample : J3595-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC02

Quant Time: Jun 25 01:18:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44977	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	146129	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	60462	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	117874	20.00	ng	0.00
75) Chrysene-d12	14.15	240	131954	20.00	ng	0.00
86) Perylene-d12	15.69	264	96193	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	333292	125.48	ng	0.01
7) Phenol-d6	6.61	99	407221	122.77	ng	0.00
23) Nitrobenzene-d5	7.52	82	258757	98.41	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	101678	145.09	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	429697	127.70	ng	0.00
78) Terphenyl-d14	13.08	244	530584	97.40	ng	0.00

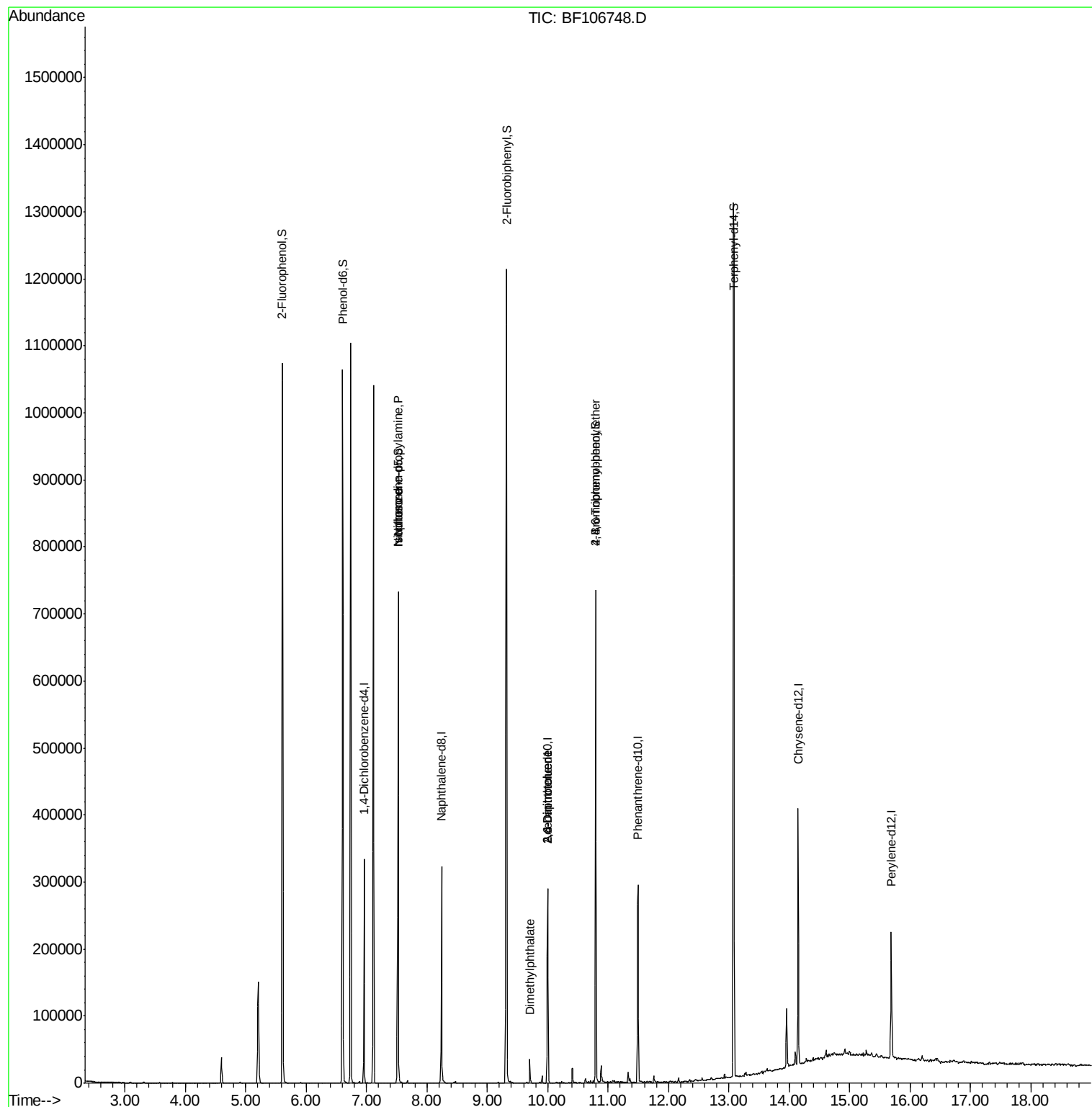
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	33235	15.200	ng	# 73
25) Isophorone	7.52	82	258752	55.844	ng	# 64
49) Dimethylphthalate	9.71	163	15985	3.525	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	7827	8.151	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	7827	6.245	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6144	4.367	ng	# 1

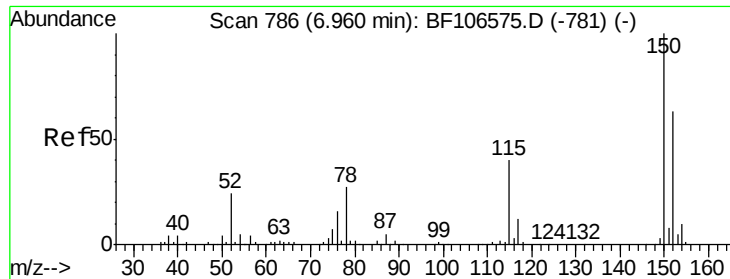
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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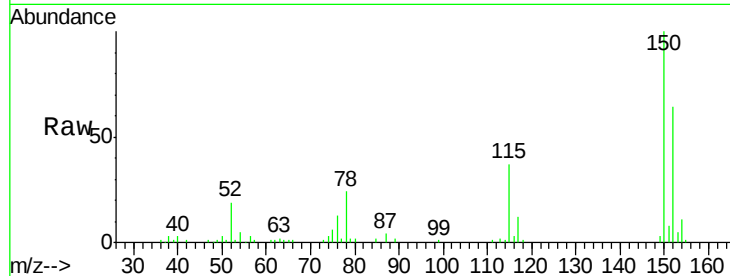


#1

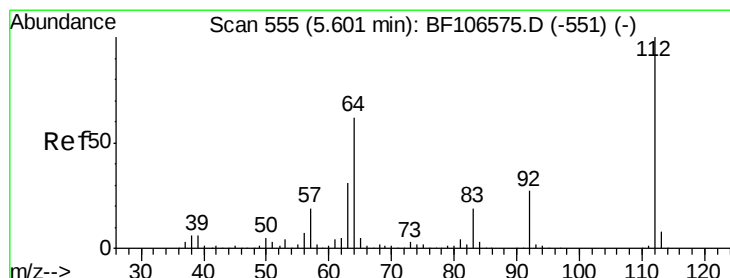
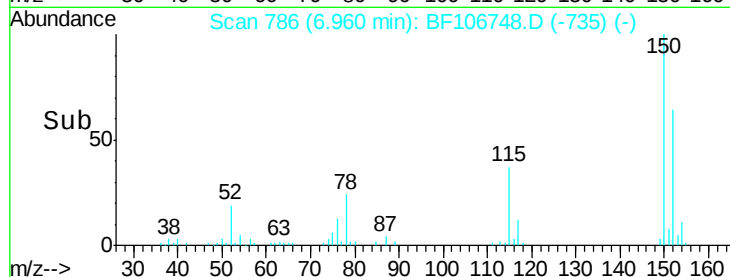
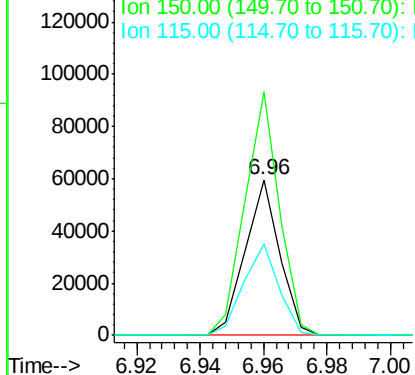
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106748.D
Acq: 23 Jun 2018 9:31

Instrument :
BNA_F
ClientSampleId :
CONC02

Tgt Ion:152 Resp: 44977
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 58.3 50.1 75.1



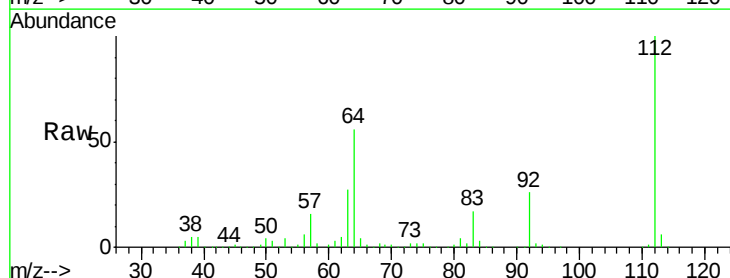
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



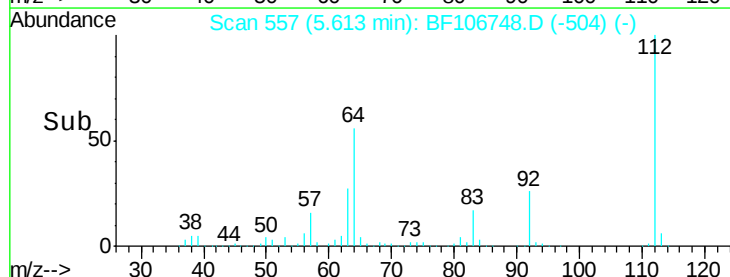
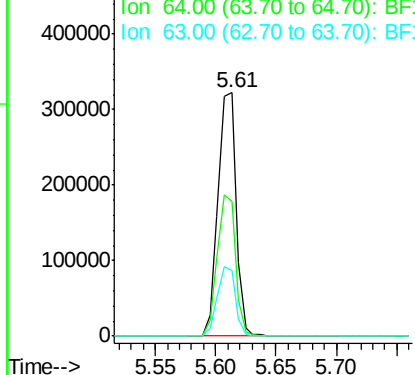
#5

2-Fluorophenol
Concen: 125.480 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106748.D
Acq: 23 Jun 2018 9:31

Tgt Ion:112 Resp: 333292
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 27.0 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: 122.767 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106748.D

Acq: 23 Jun 2018 9:31

Instrument :

BNA_F

ClientSampleId :

CONC02

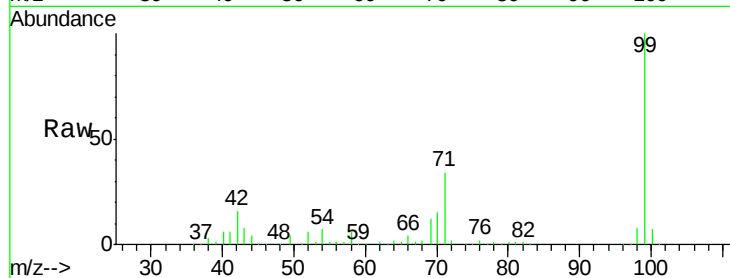
Tgt Ion: 99 Resp: 407221

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

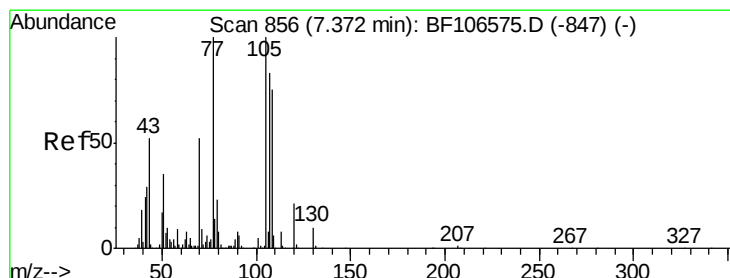
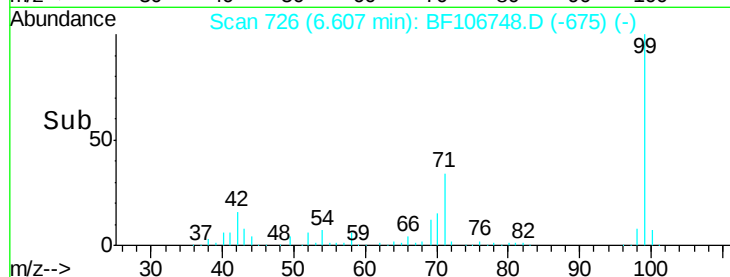
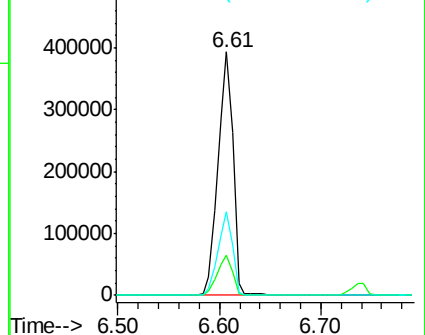
71 34.4 25.4 38.0



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: 15.200 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106748.D

Acq: 23 Jun 2018 9:31

Tgt Ion: 70 Resp: 33235

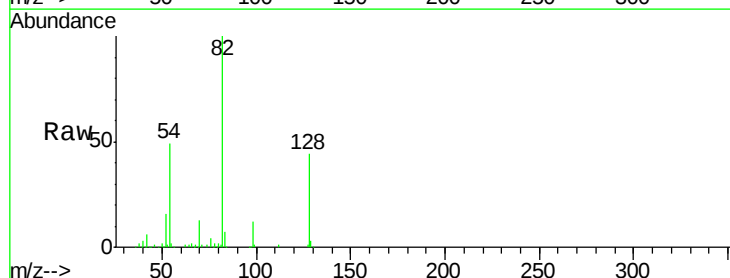
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

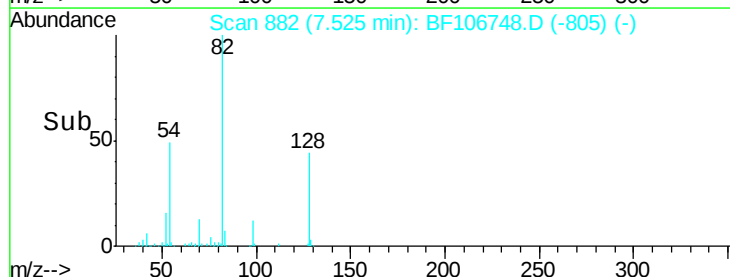
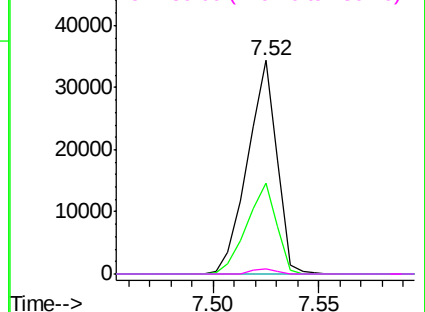


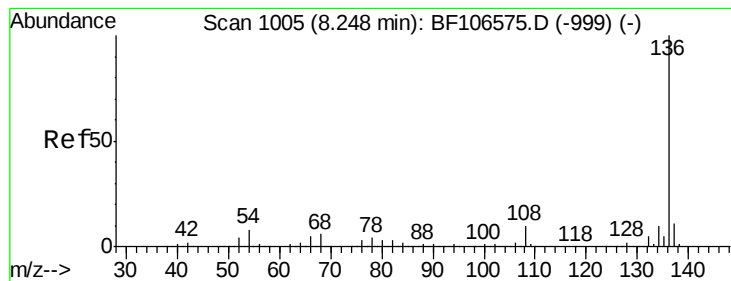
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF106748.D

Acq: 23 Jun 2018 9:31

Instrument :

BNA_F

ClientSampleId :

CONC02

Tgt Ion: 136 Resp: 146129

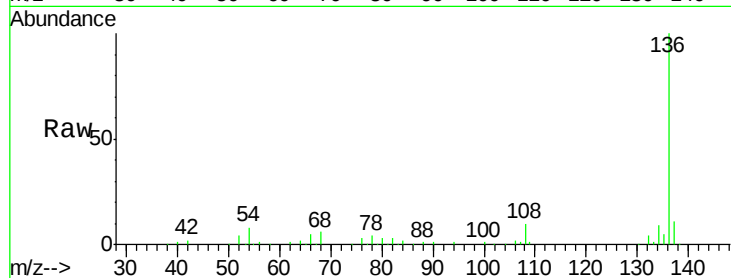
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.0 6.6 9.8

68 6.4 5.0 7.4

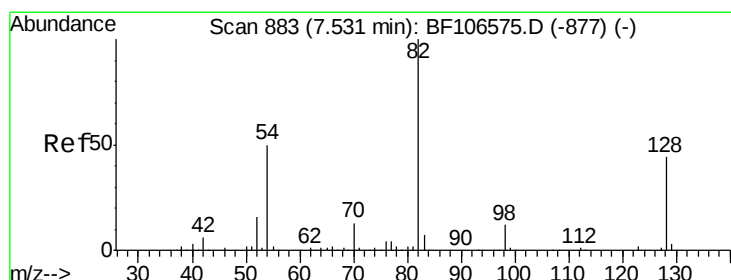
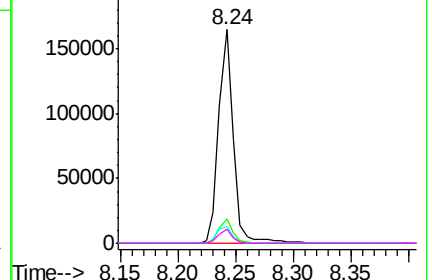
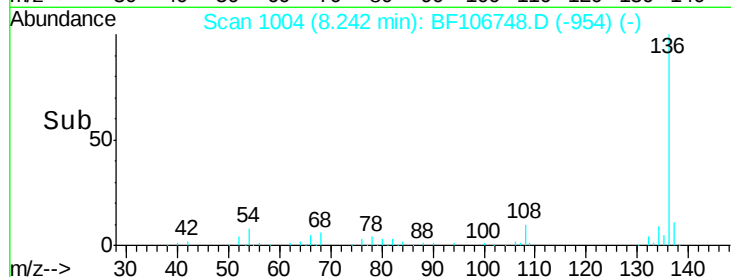


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.406 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106748.D

Acq: 23 Jun 2018 9:31

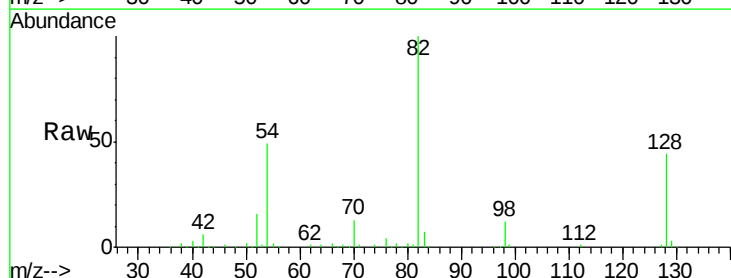
Tgt Ion: 82 Resp: 258757

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

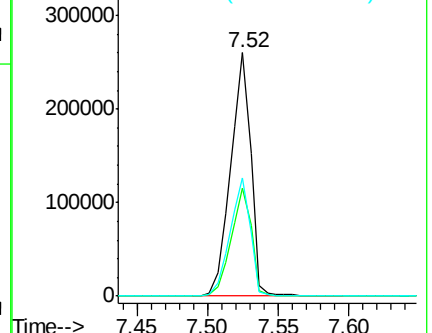
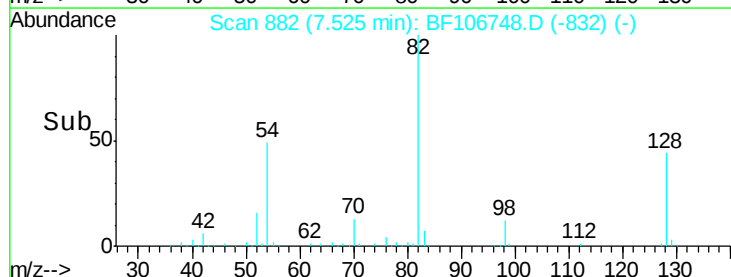
54 48.6 41.4 62.2

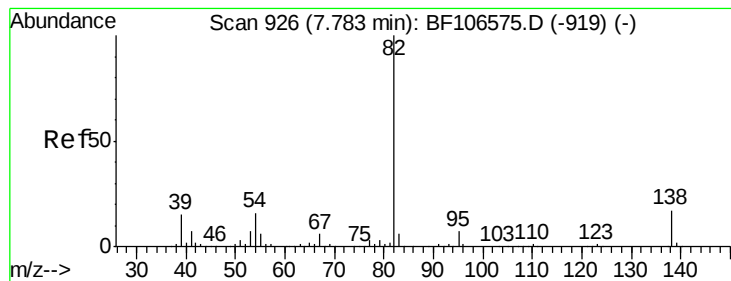


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 55.844 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106748.D

Acq: 23 Jun 2018 9:31

Instrument :

BNA_F

ClientSampleId :

CONC02

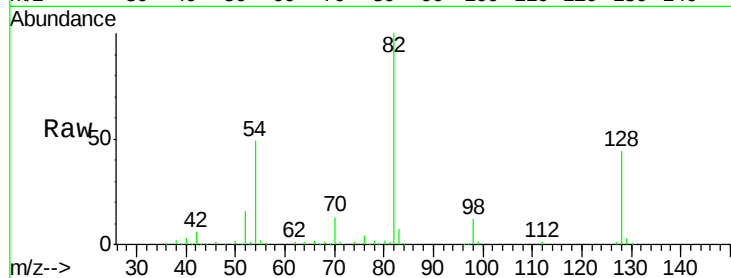
Tgt Ion: 82 Resp: 258752

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

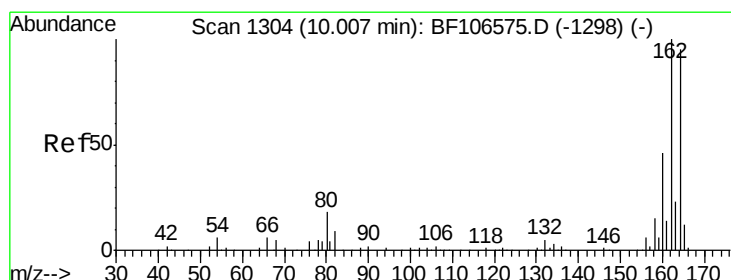
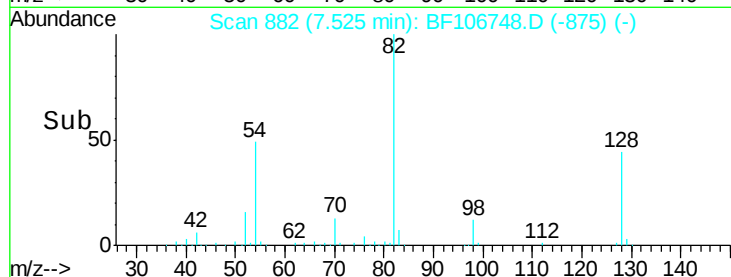
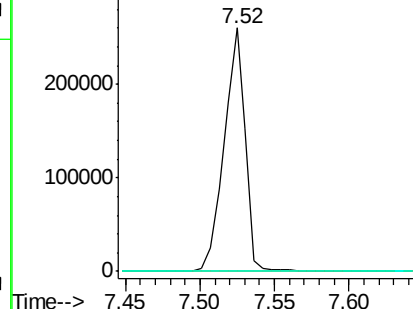
138 0.0 14.9 22.3#



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: BF106748.D

Acq: 23 Jun 2018 9:31

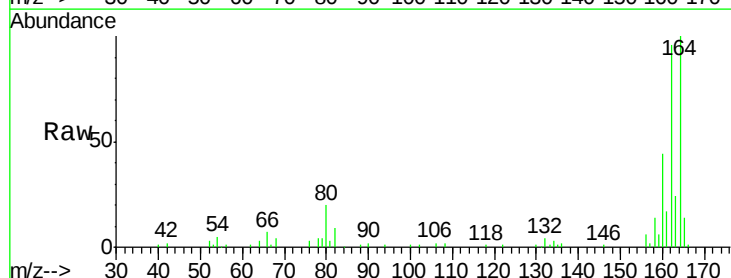
Tgt Ion: 164 Resp: 60462

Ion Ratio Lower Upper

164 100

162 96.2 86.1 129.1

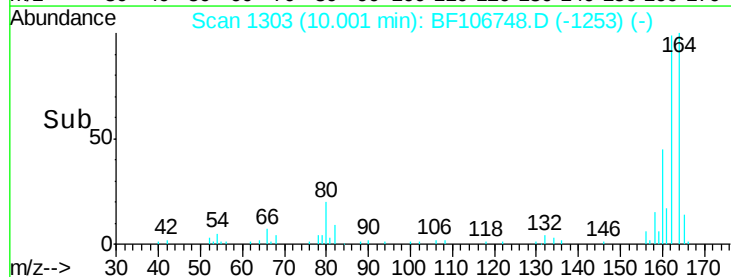
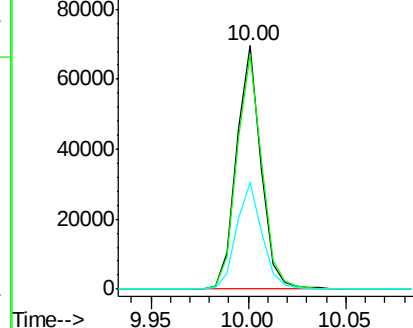
160 43.8 38.3 57.5



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

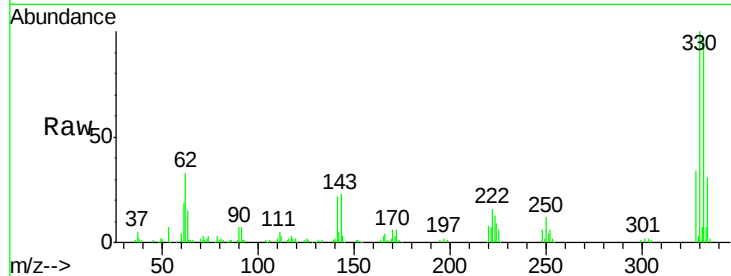




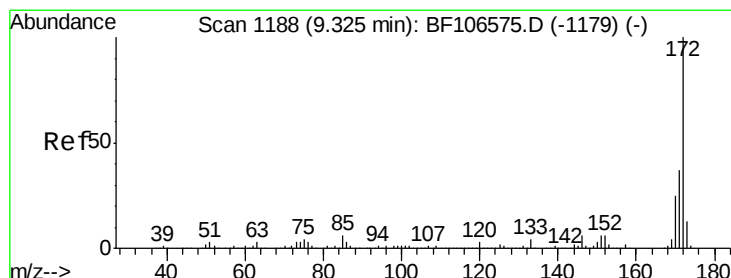
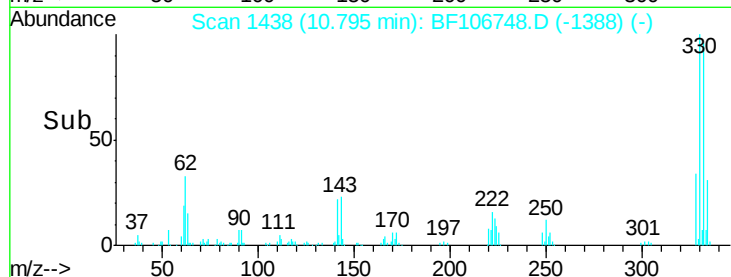
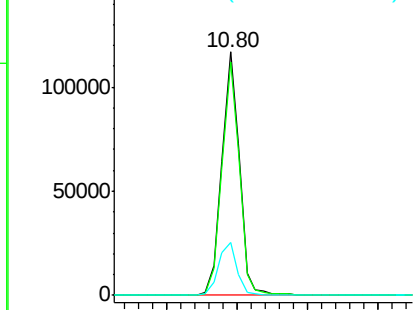
#41
 2,4,6-Tribromophenol
 Concen: 145.094 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106748.D
 Acq: 23 Jun 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :
 CONC02

Tgt Ion:330 Resp: 101678
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 23.0 29.9 44.9#

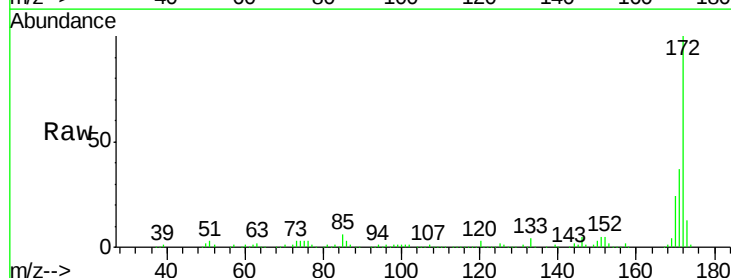


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

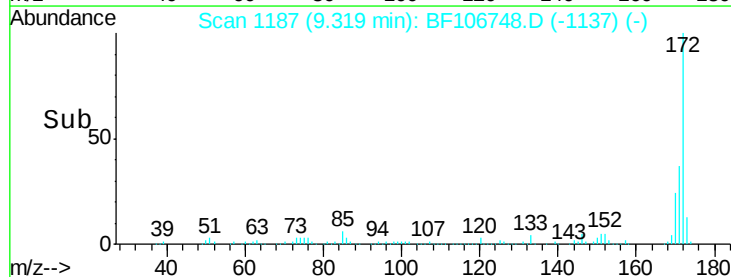
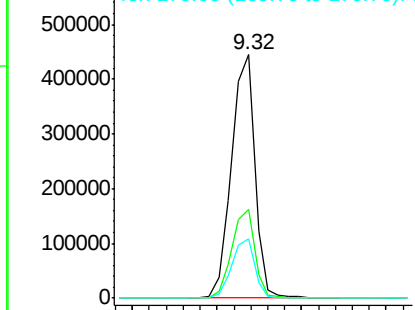


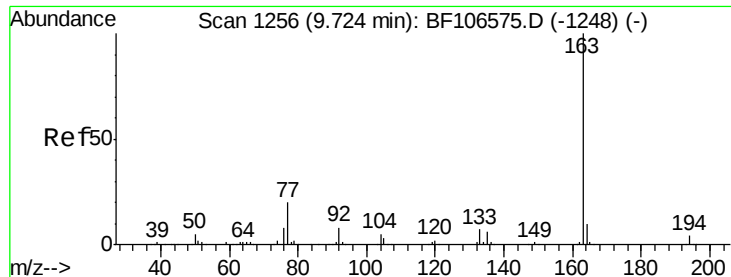
#44
 2-Fluorobiphenyl
 Concen: 127.704 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106748.D
 Acq: 23 Jun 2018 9:31

Tgt Ion:172 Resp: 429697
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.2 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

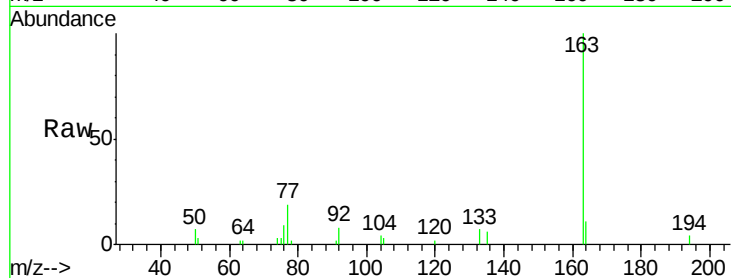




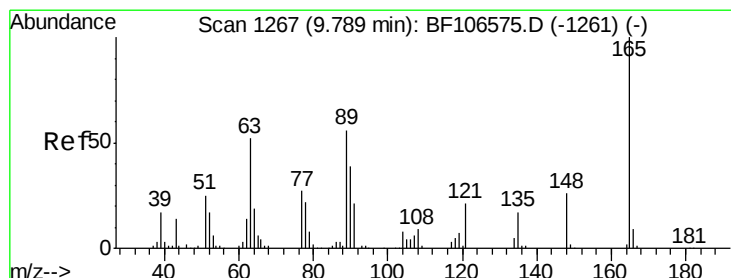
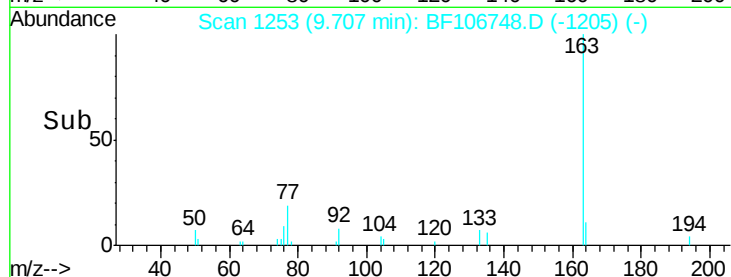
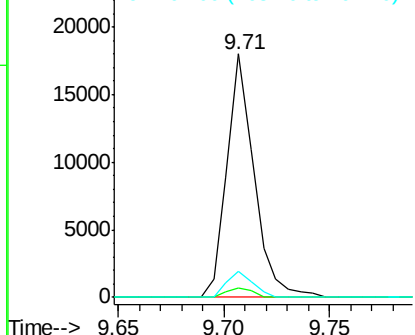
#49
Dimethylphthalate
Concen: 3.525 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106748.D
Acq: 23 Jun 2018 9:31

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CONC02

Tgt Ion:163 Resp: 15985
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.2 12.2

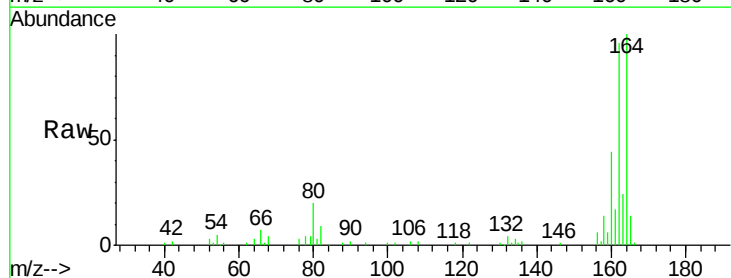


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

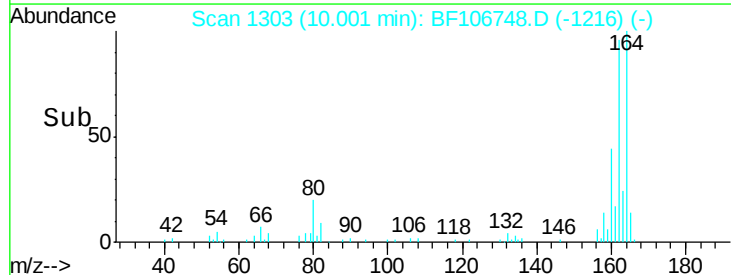
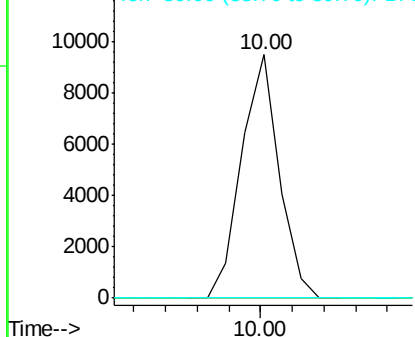


#50
2,6-Dinitrotoluene
Concen: 8.151 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106748.D
Acq: 23 Jun 2018 9:31

Tgt Ion:165 Resp: 7827
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



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

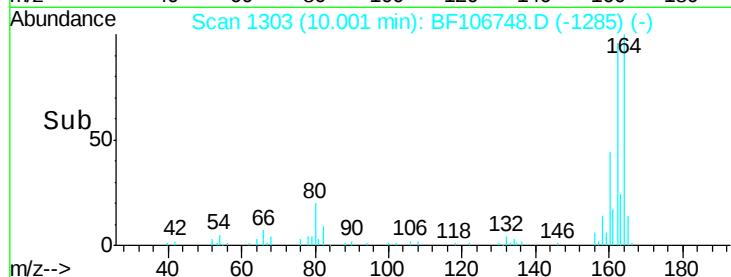
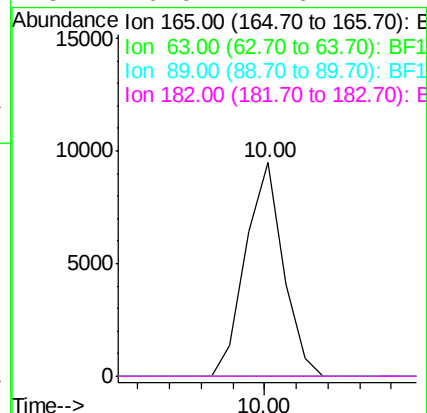
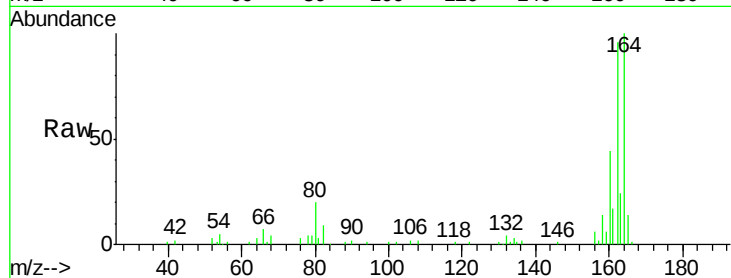




#56
2,4-Dinitrotoluene
Concen: 6.245 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106748.D
Acq: 23 Jun 2018 9:31

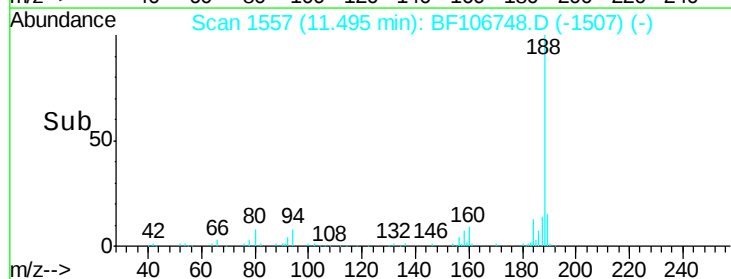
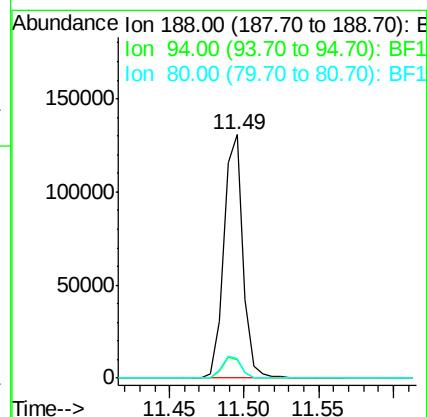
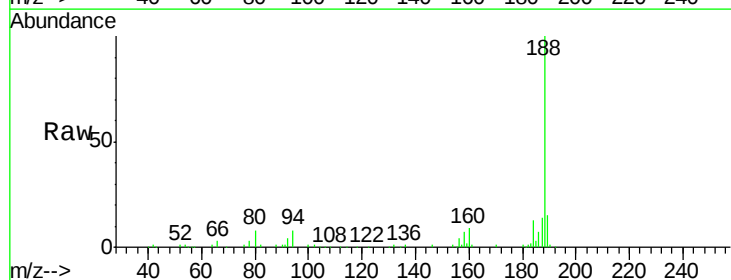
Instrument :
BNA_F
ClientSampleId :
CONC02

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: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106748.D
Acq: 23 Jun 2018 9:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.2	9.2	13.8#

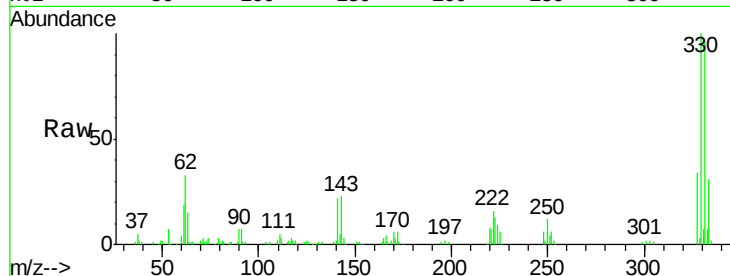




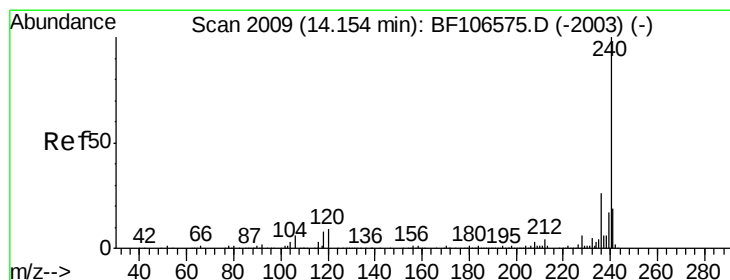
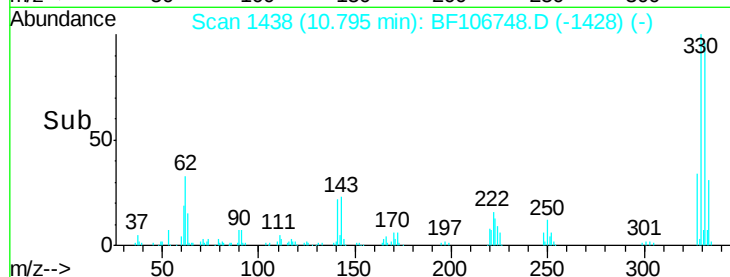
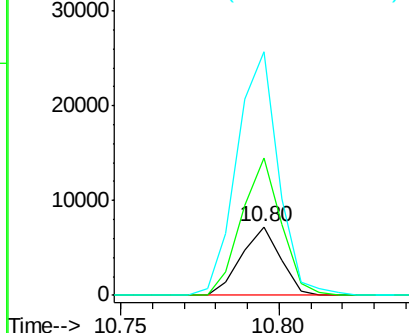
#66
4-Bromophenyl-phenylether
Concen: 4.367 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106748.D
Acq: 23 Jun 2018 9:31

Instrument :
BNA_F
ClientSampleId :
CONC02

Tgt Ion:248 Resp: 6144
Ion Ratio Lower Upper
248 100
250 201.5 76.9 115.3#
141 356.0 74.4 111.6#

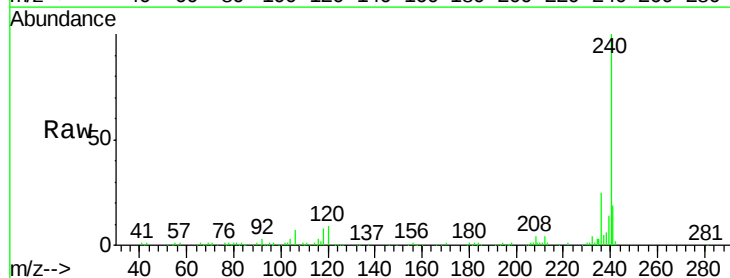


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

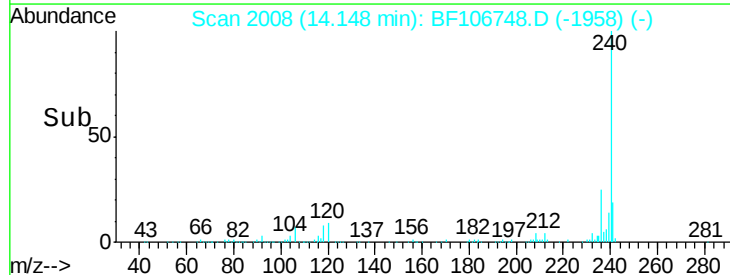
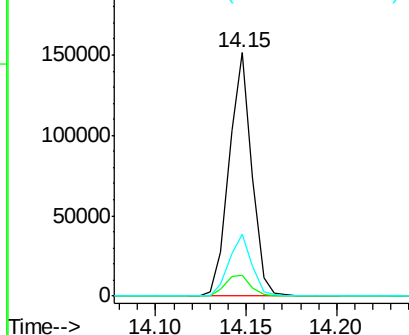


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106748.D
Acq: 23 Jun 2018 9:31

Tgt Ion:240 Resp: 131954
Ion Ratio Lower Upper
240 100
120 8.7 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

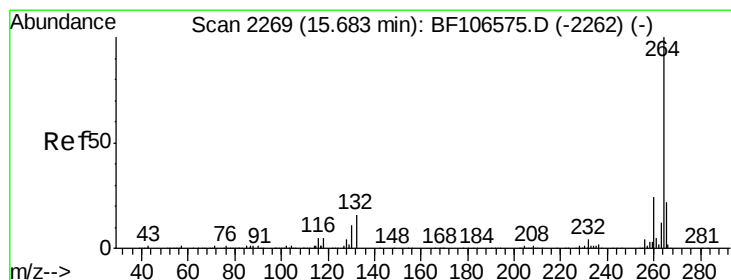
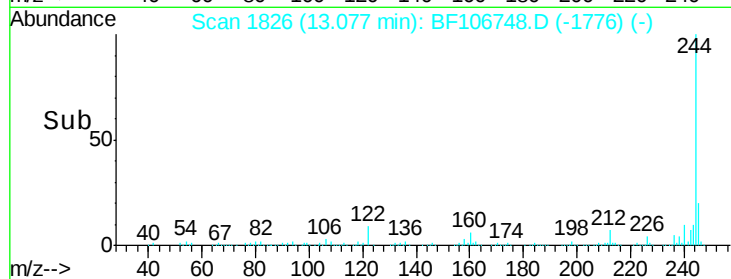
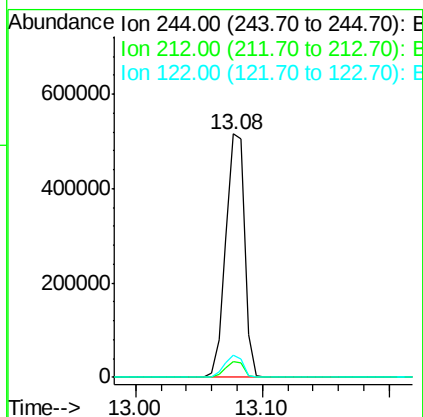
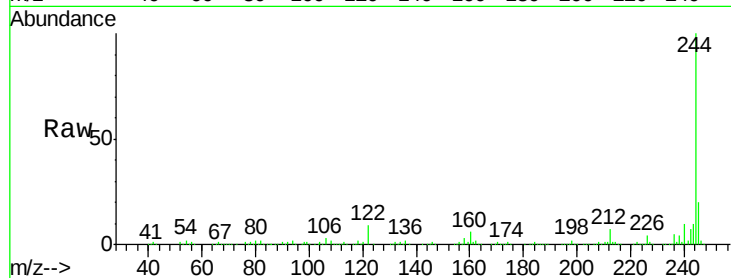




#78
 Terphenyl-d14
 Concen: 97.400 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106748.D
 Acq: 23 Jun 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :
 CONC02

Tgt Ion:244 Resp: 530584
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF106748.D
 Acq: 23 Jun 2018 9:31

Tgt Ion:264 Resp: 96193
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.8 17.5 26.3

