

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106548.D
 Acq On : 18 Jun 2018 19:36
 Operator : JU/SJ
 Sample : J3566-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-D

Quant Time: Jun 19 01:08:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

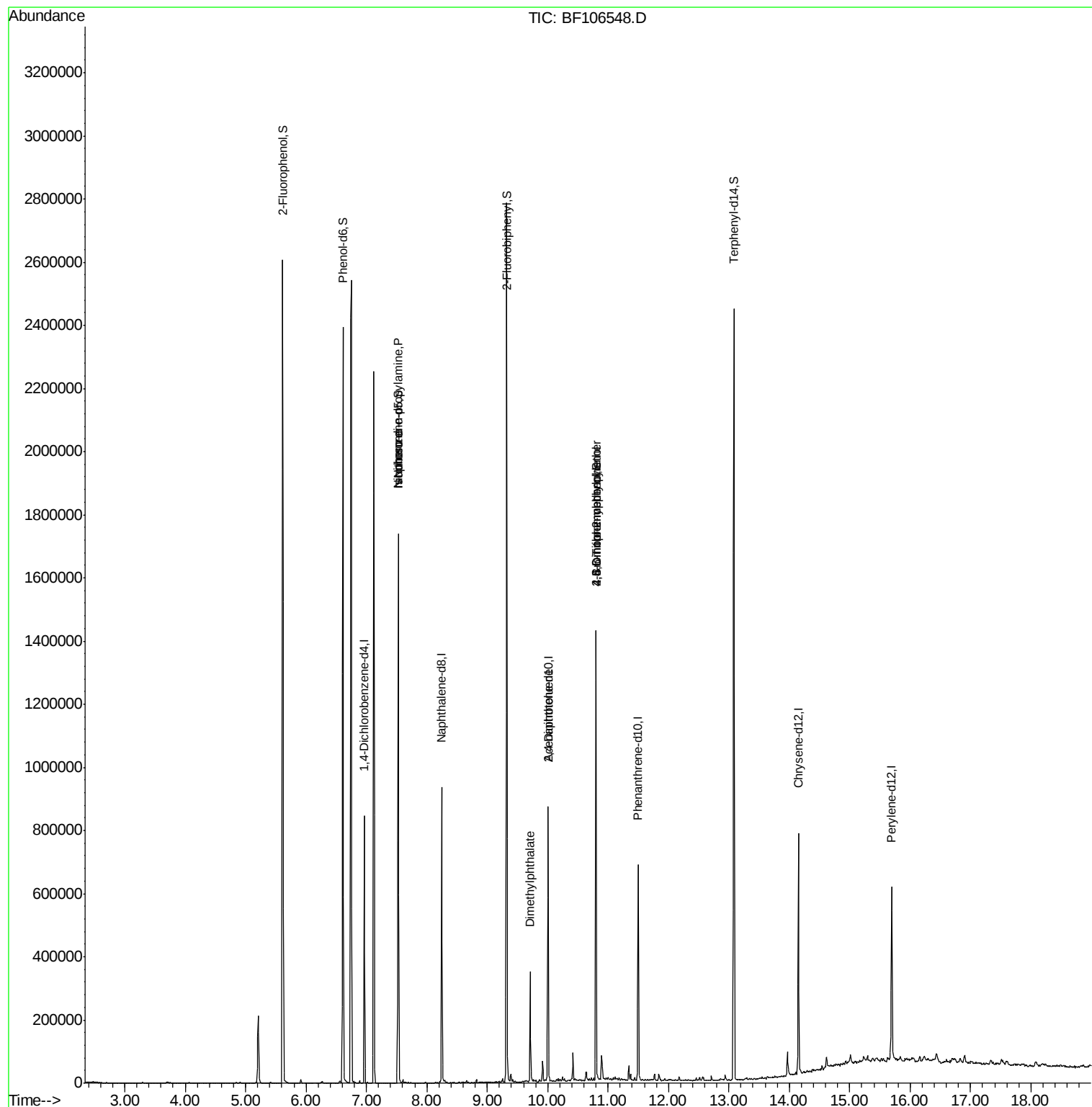
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107494	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	390254	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	158857	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	249523	20.00	ng	0.00
75) Chrysene-d12	14.15	240	276438	20.00	ng	0.00
86) Perylene-d12	15.69	264	264536	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	734746	115.69	ng	0.00
7) Phenol-d6	6.61	99	875225	109.07	ng	0.00
23) Nitrobenzene-d5	7.53	82	593457	89.46	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	181265	118.59	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	943316	119.13	ng	0.00
78) Terphenyl-d14	13.08	244	814529	73.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	80649	13.397	ng	# 75
25) Isophorone	7.53	82	593451	45.801	ng	# 64
49) Dimethylphthalate	9.71	163	126250	11.124	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	20394	7.005	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	327	6.506	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	11732	4.134	ng	# 1

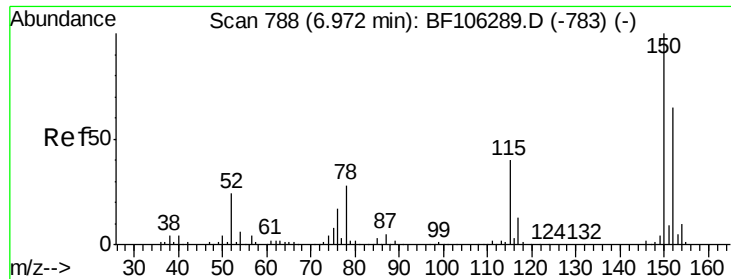
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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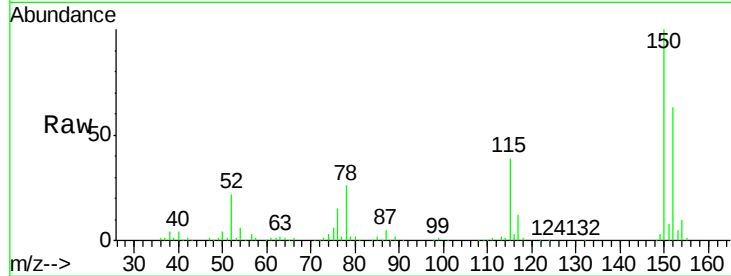


#1

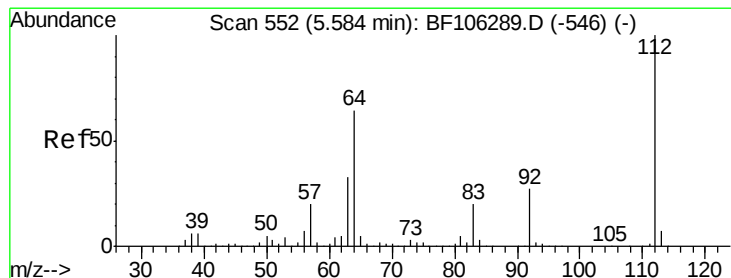
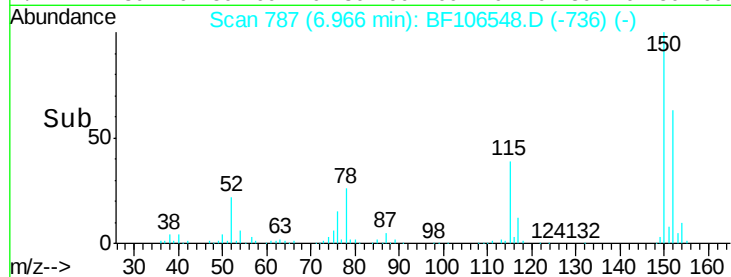
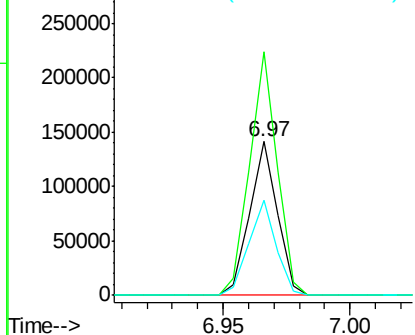
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106548.D
Acq: 18 Jun 2018 19:36

Instrument :
BNA_F
ClientSampleId :
TP-6-D

Tgt Ion:152 Resp: 107494
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 62.0 50.1 75.1



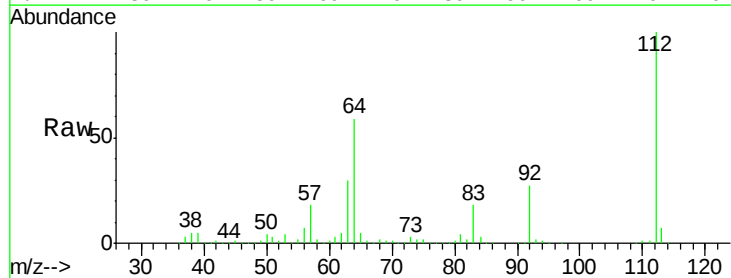
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



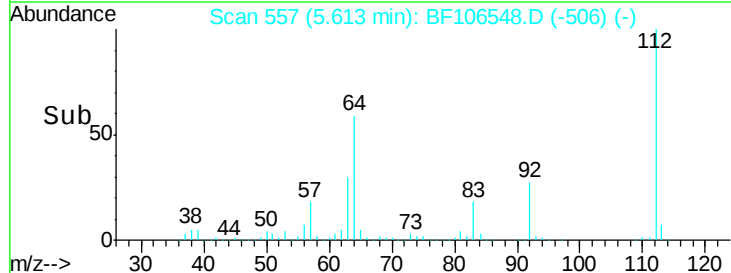
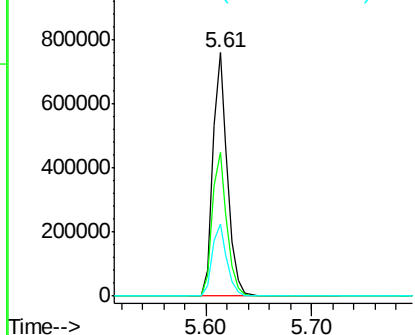
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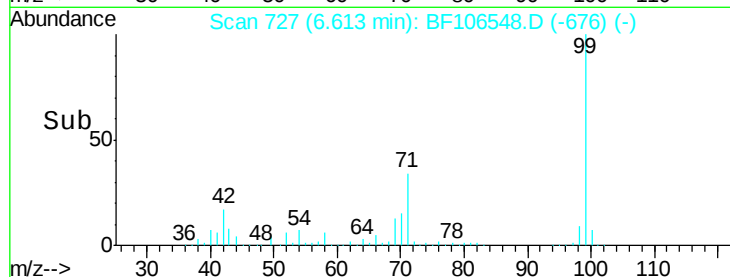
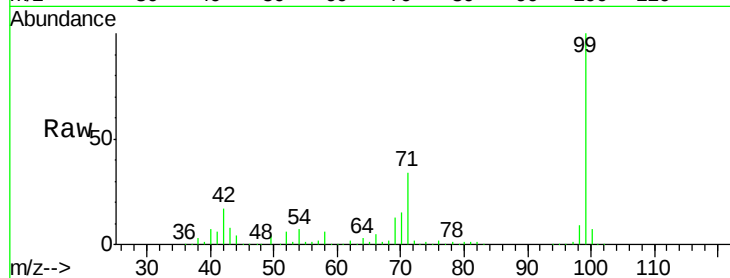
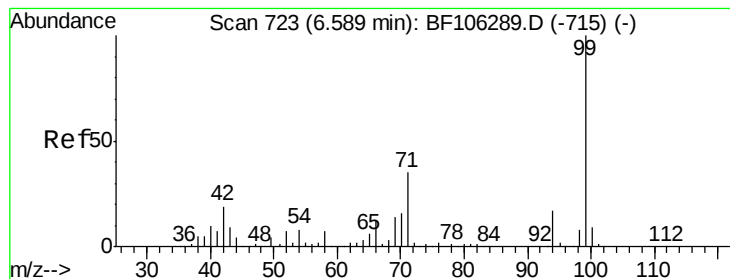
2-Fluorophenol
Concen: 115.686 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106548.D
Acq: 18 Jun 2018 19:36

Tgt Ion:112 Resp: 734746
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 29.6 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: 109.074 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106548.D

Acq: 18 Jun 2018 19:36

Instrument :

BNA_F

ClientSampled :

TP-6-D

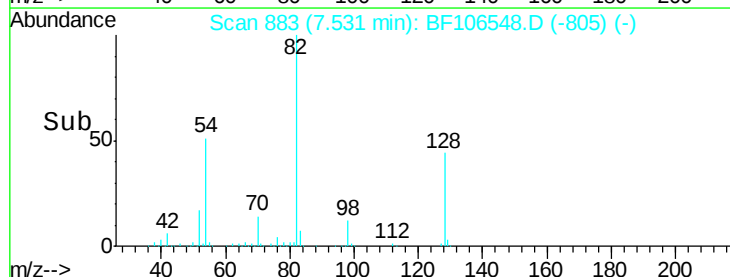
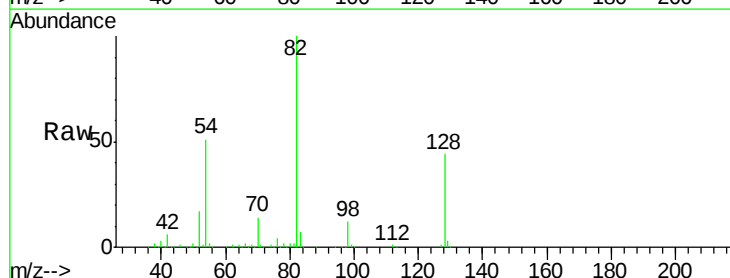
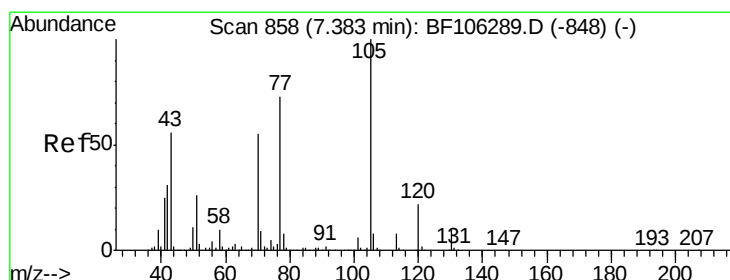
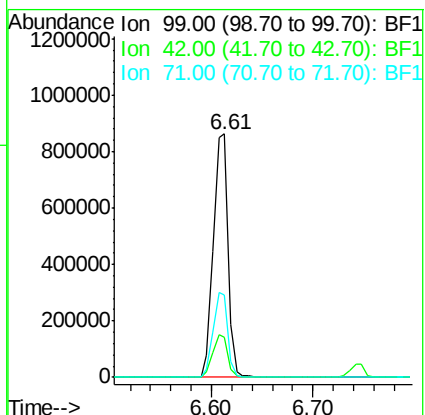
Tgt Ion: 99 Resp: 875225

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 33.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.397 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106548.D

Acq: 18 Jun 2018 19:36

Tgt Ion: 70 Resp: 80649

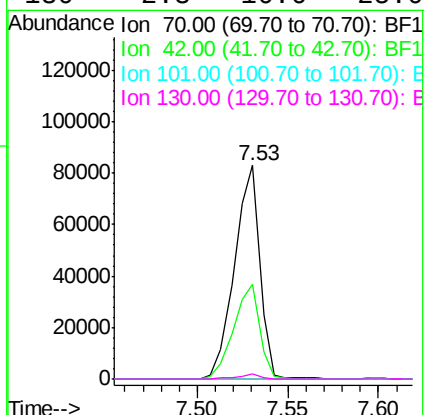
Ion Ratio Lower Upper

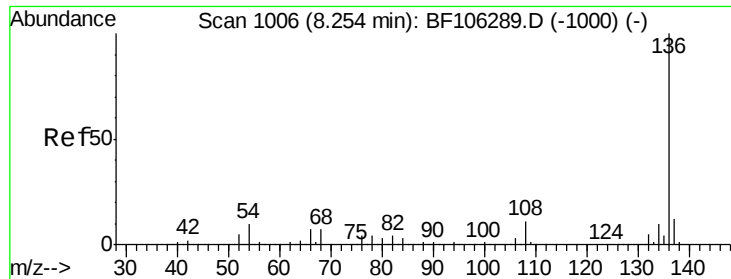
70 100

42 44.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

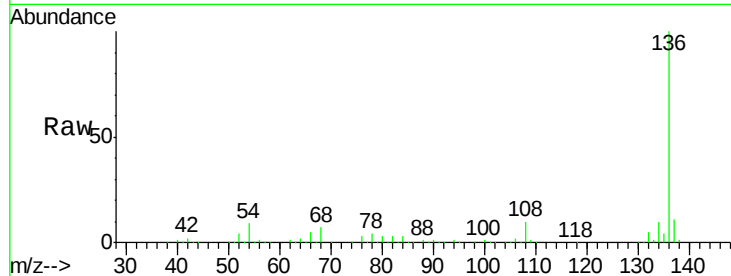




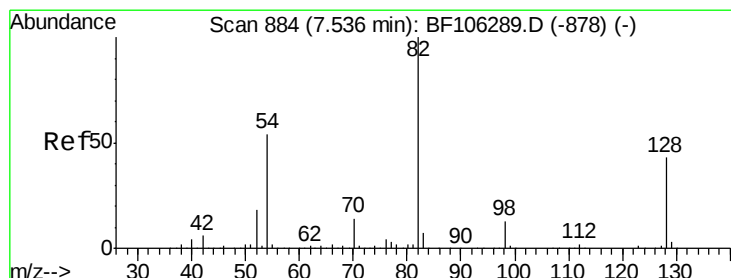
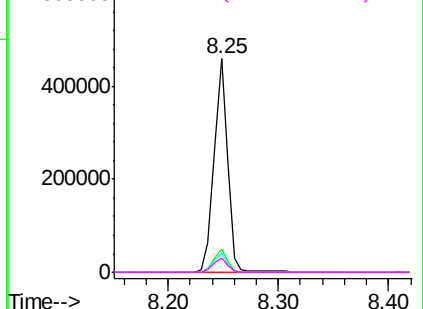
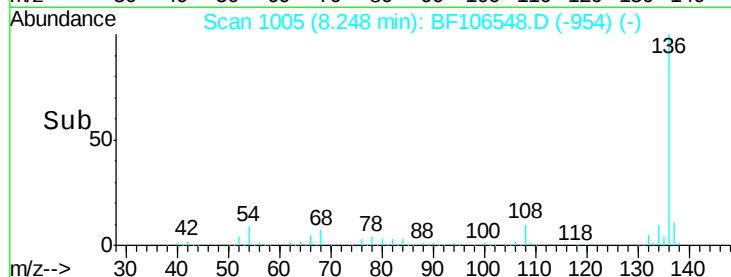
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106548.D
Acq: 18 Jun 2018 19:36

Instrument :
BNA_F
ClientSampleId :
TP-6-D

Tgt Ion:	136	Resp:	390254
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.8	6.6	9.8
68	6.6	5.0	7.4

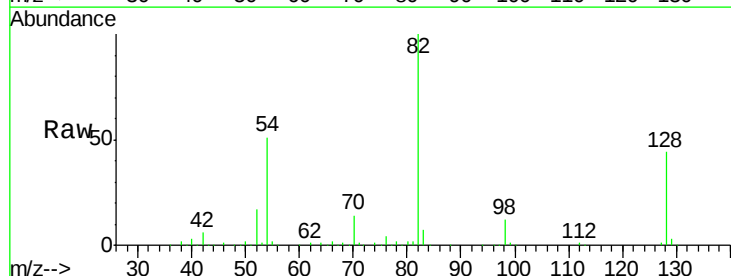


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

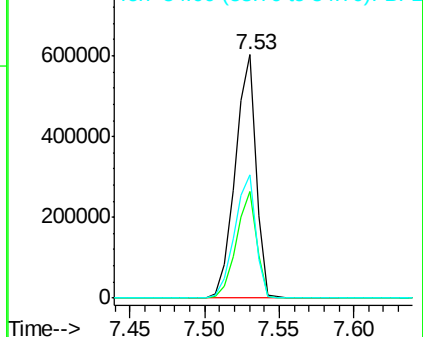
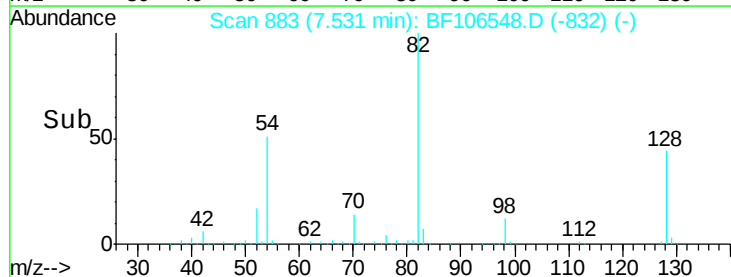


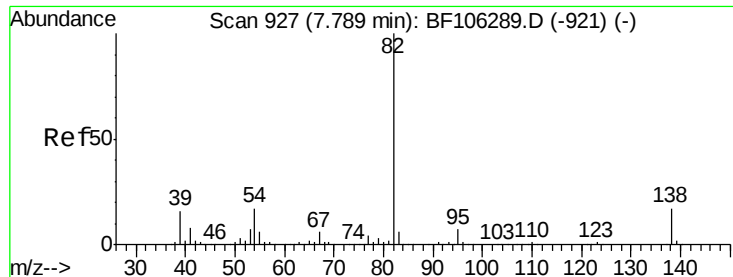
#23
Nitrobenzene-d5
Concen: 89.460 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106548.D
Acq: 18 Jun 2018 19:36

Tgt Ion:	82	Resp:	593457
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	50.8	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: 45.801 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106548.D

Acq: 18 Jun 2018 19:36

Instrument :

BNA_F

ClientSampleId :

TP-6-D

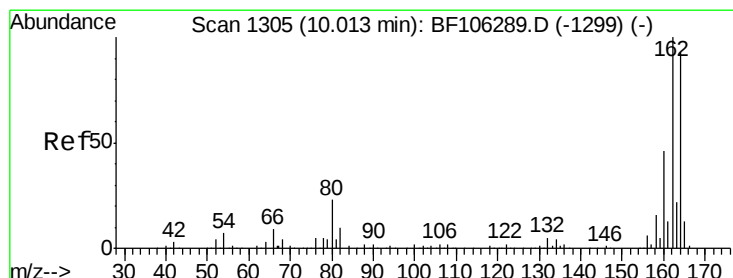
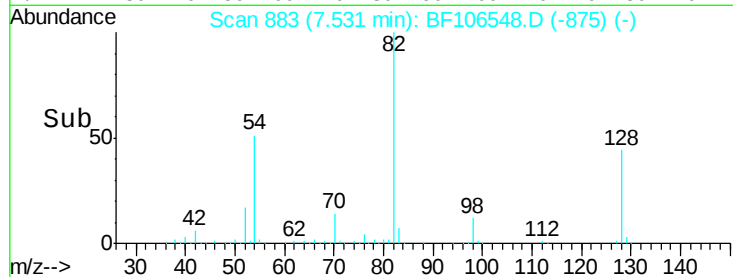
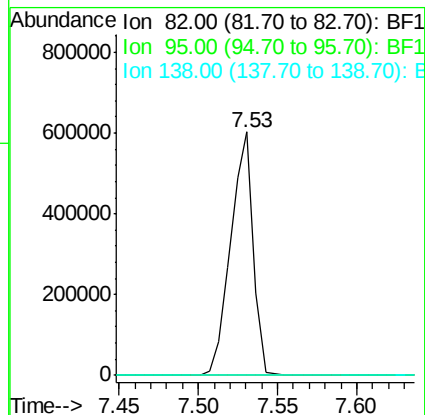
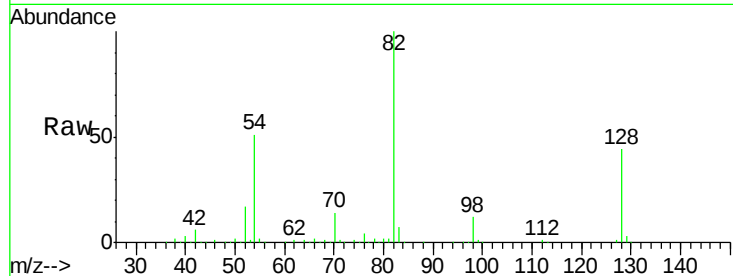
Tgt Ion: 82 Resp: 593451

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: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106548.D

Acq: 18 Jun 2018 19:36

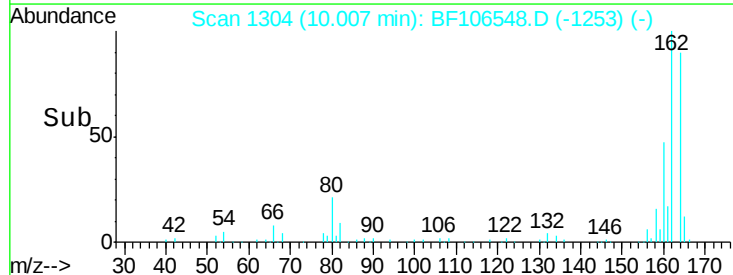
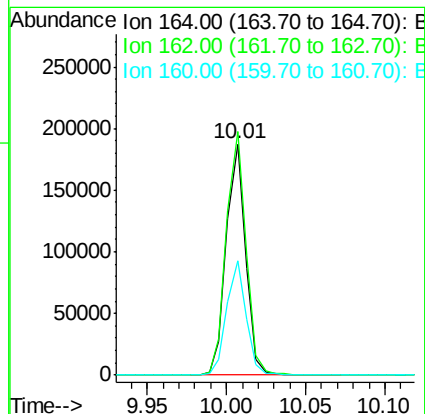
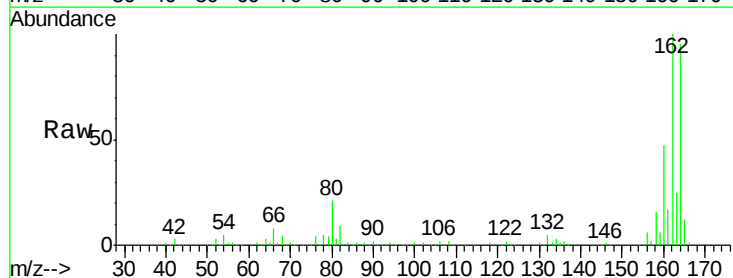
Tgt Ion: 164 Resp: 158857

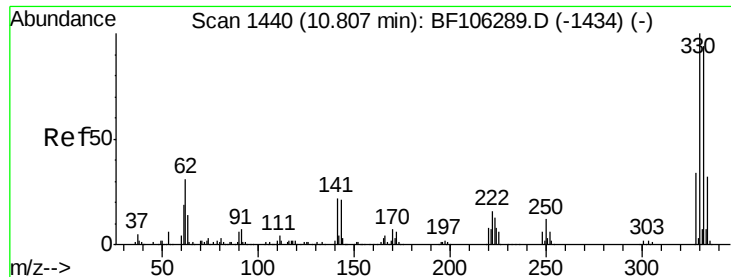
Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

160 49.2 38.3 57.5

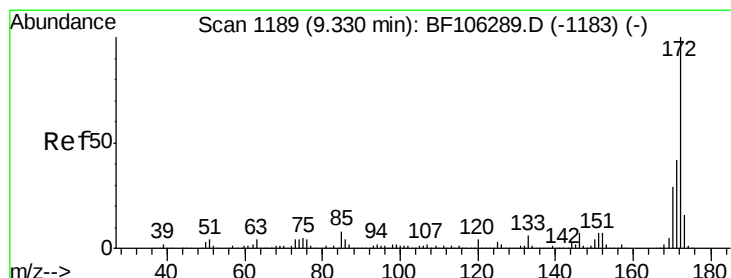
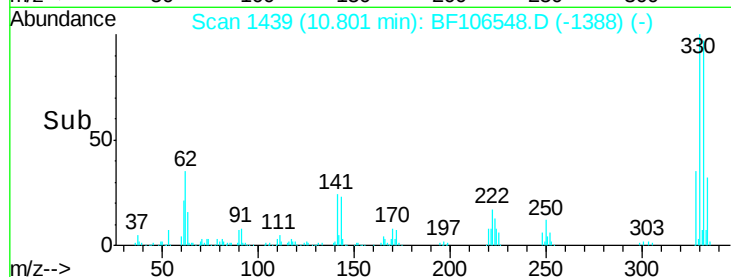
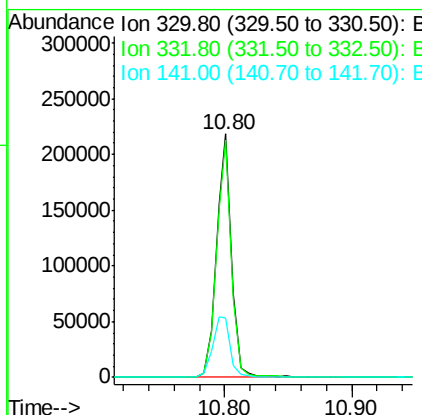
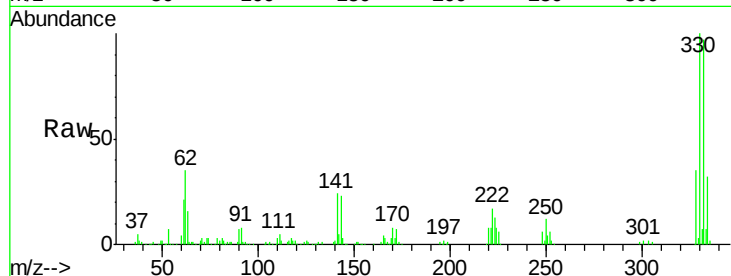




#41
 2,4,6-Tribromophenol
 Concen: 118.592 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106548.D
 Acq: 18 Jun 2018 19:36

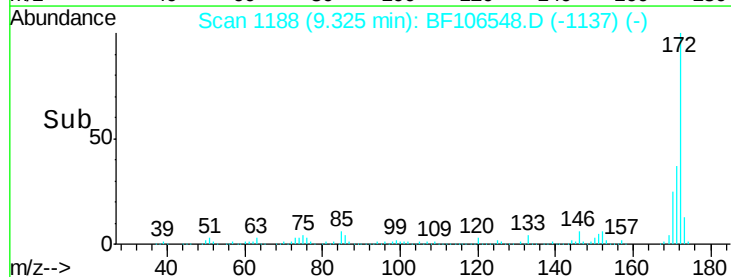
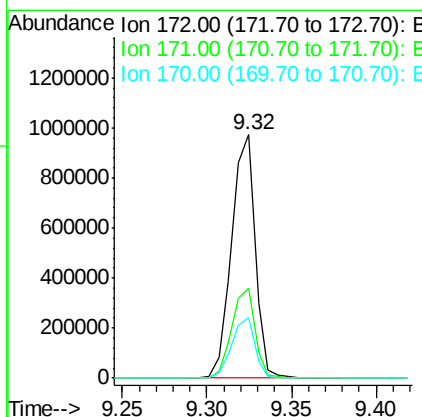
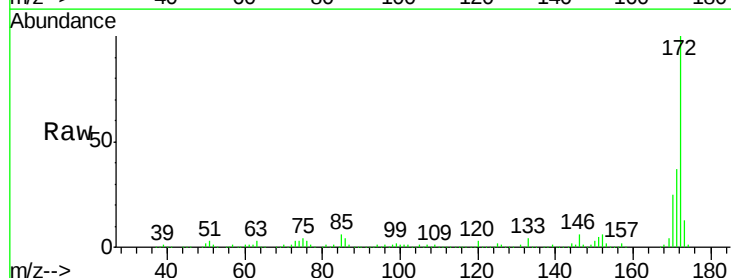
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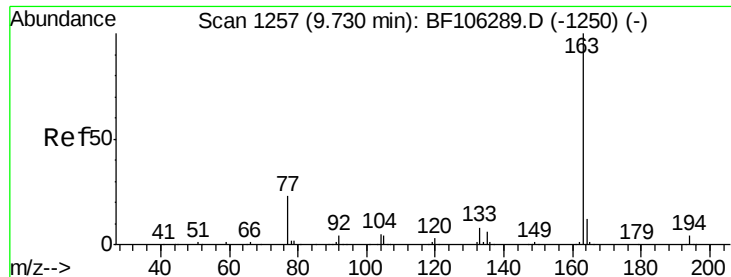
Tgt Ion:330 Resp: 181265
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 29.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 119.135 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106548.D
 Acq: 18 Jun 2018 19:36

Tgt Ion:172 Resp: 943316
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 25.0 19.6 29.4

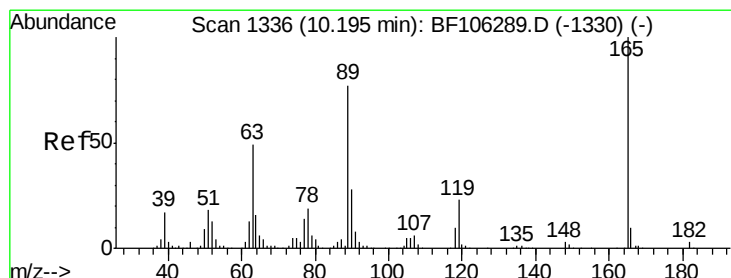
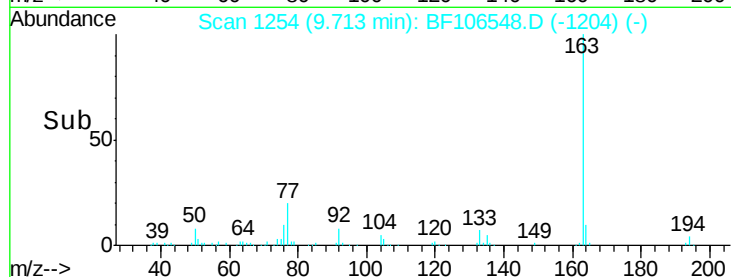
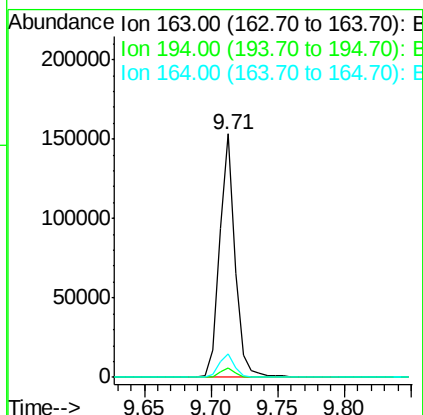
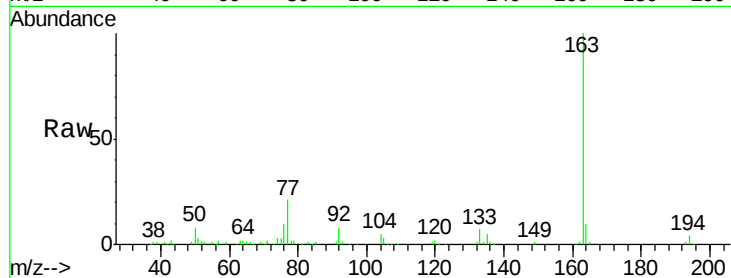




#49
Dimethylphthalate
Concen: 11.124 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106548.D
Acq: 18 Jun 2018 19:36

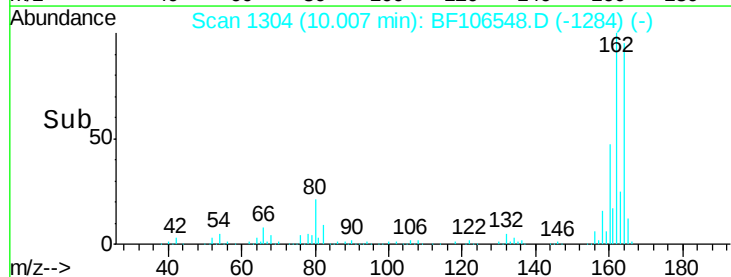
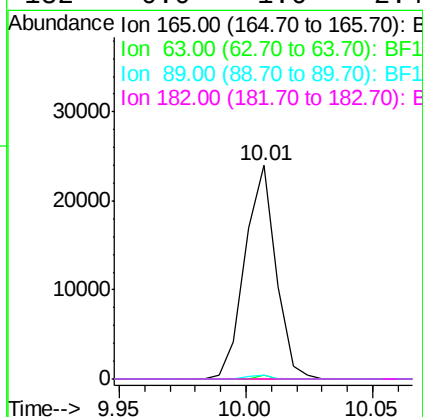
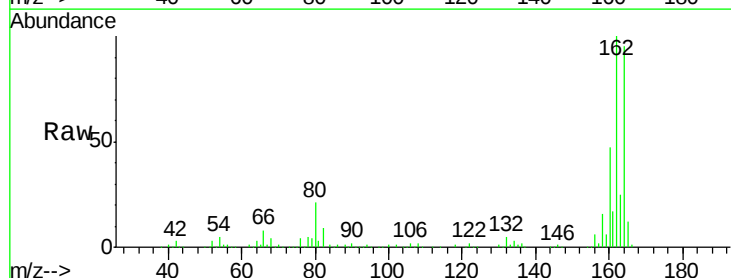
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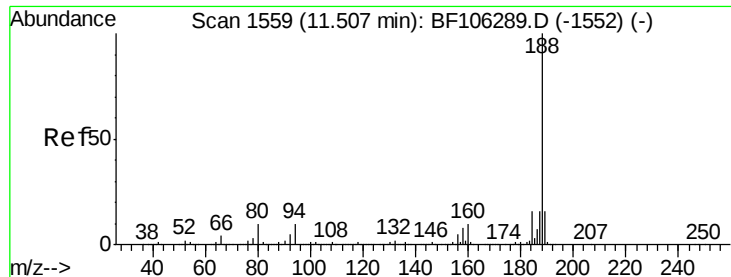
Tgt Ion:163 Resp: 126250
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 7.005 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106548.D
Acq: 18 Jun 2018 19:36

Tgt Ion:165 Resp: 20394
Ion Ratio Lower Upper
165 100
63 1.8 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#

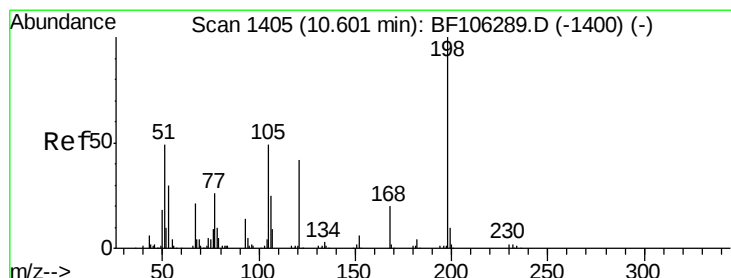
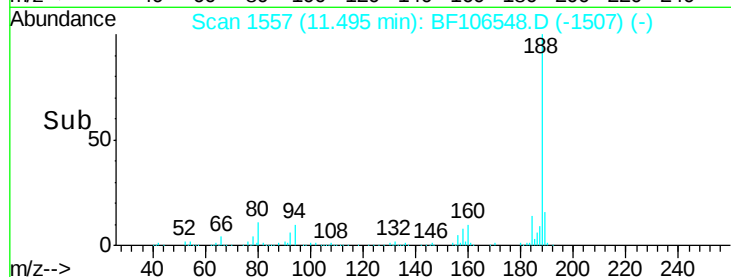
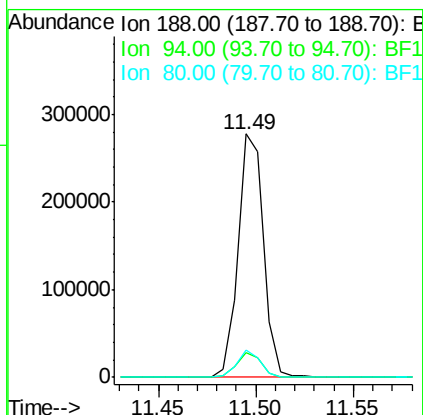
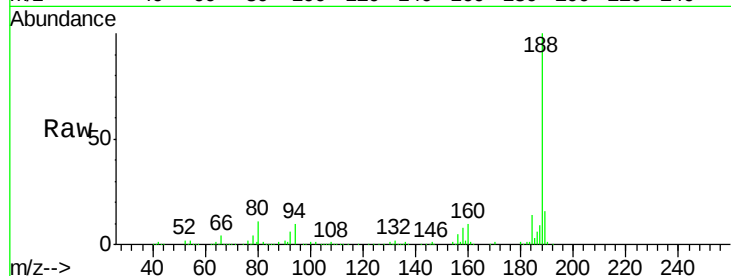




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106548.D
 Acq: 18 Jun 2018 19:36

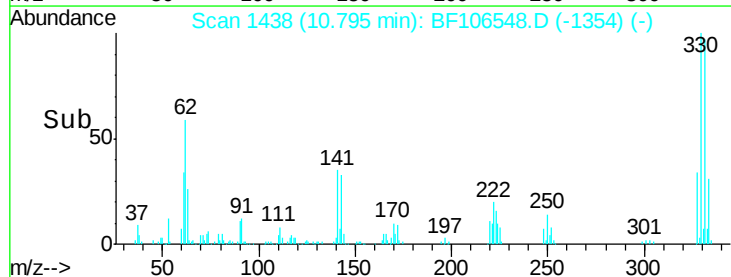
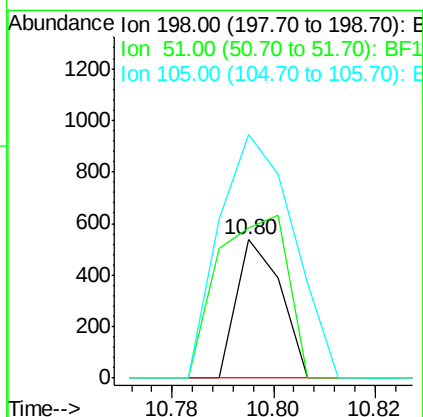
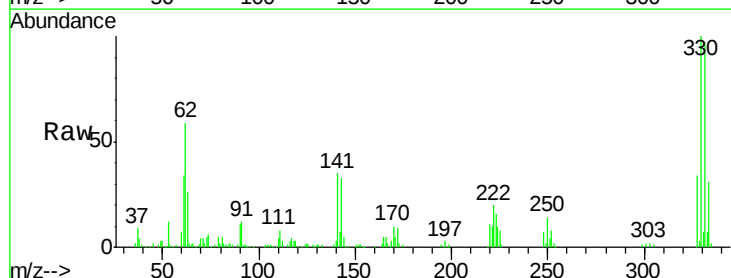
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-D

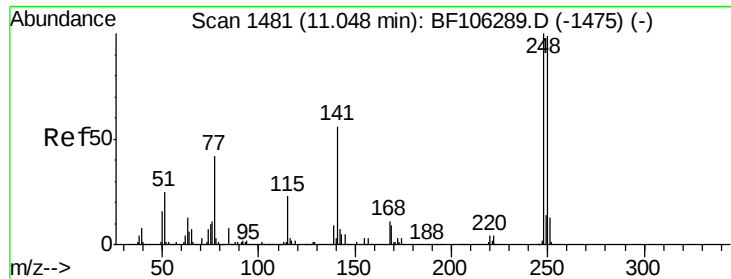
Tgt Ion:188 Resp: 249523
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 11.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.506 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF106548.D
 Acq: 18 Jun 2018 19:36

Tgt Ion:198 Resp: 327
 Ion Ratio Lower Upper
 198 100
 51 108.8 37.7 77.7#
 105 175.8 36.3 76.3#

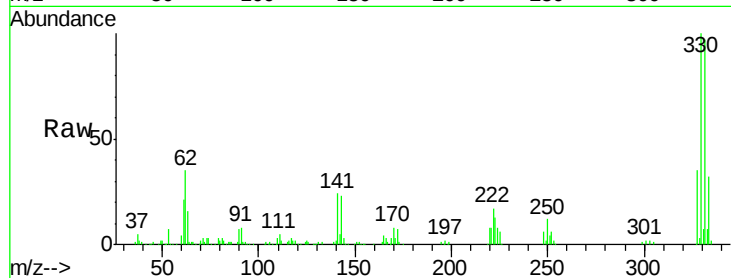




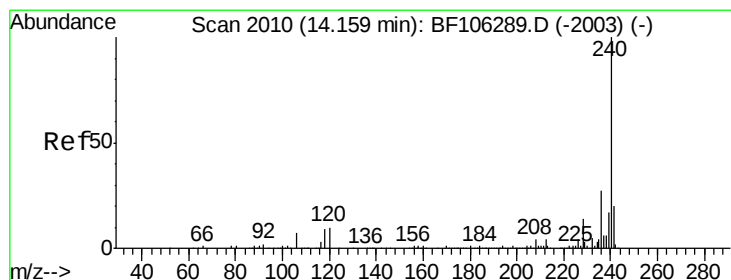
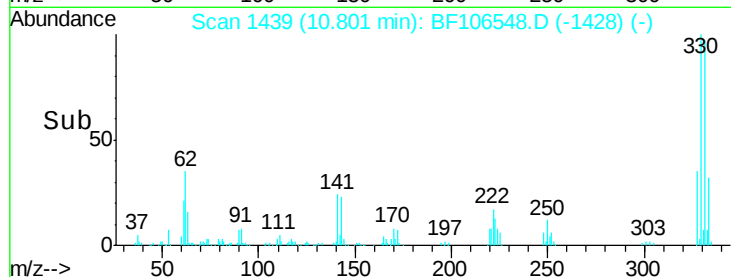
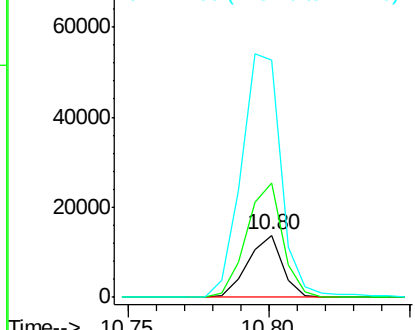
#66
4-Bromophenyl-phenylether
Concen: 4.134 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106548.D
Acq: 18 Jun 2018 19:36

Instrument :
BNA_F
ClientSampleId :
TP-6-D

Tgt Ion:248 Resp: 11732
Ion Ratio Lower Upper
248 100
250 183.7 76.9 115.3#
141 382.9 74.4 111.6#

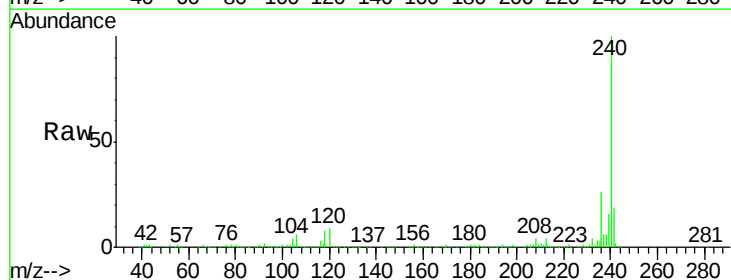


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

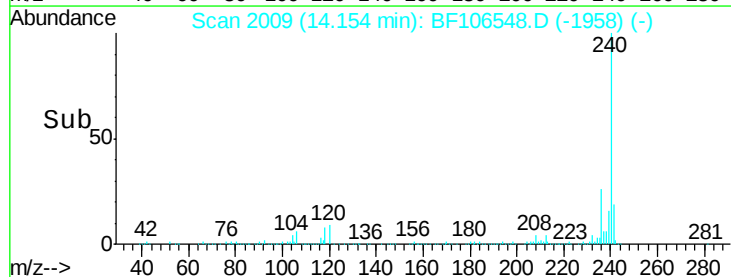
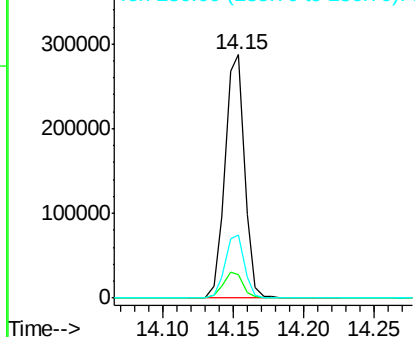


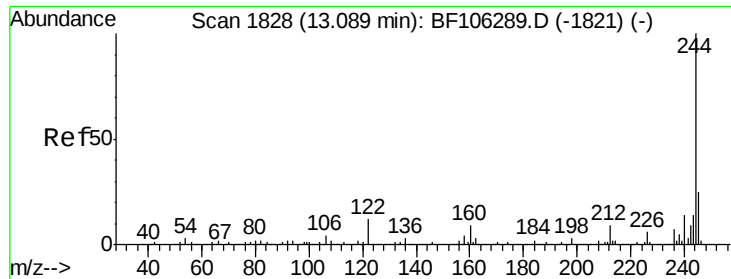
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106548.D
Acq: 18 Jun 2018 19:36

Tgt Ion:240 Resp: 276438
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 26.1 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: 73.185 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106548.D

Acq: 18 Jun 2018 19:36

Instrument :

BNA_F

ClientSampleId :

TP-6-D

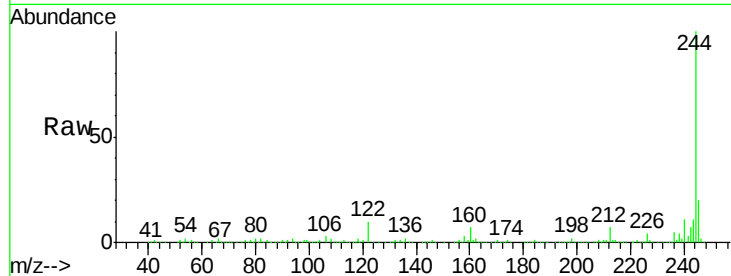
Tgt Ion:244 Resp: 814529

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

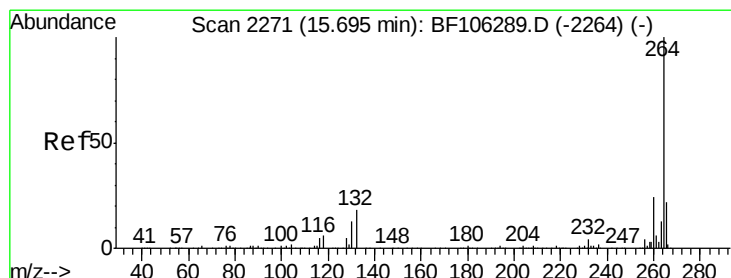
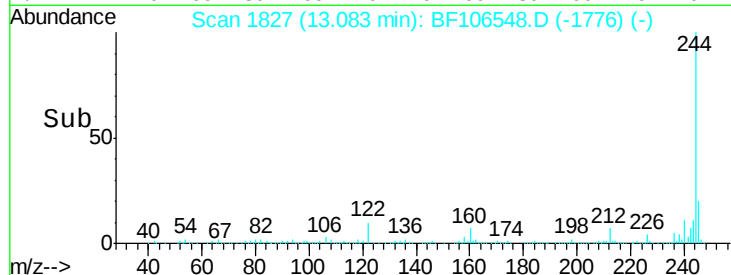
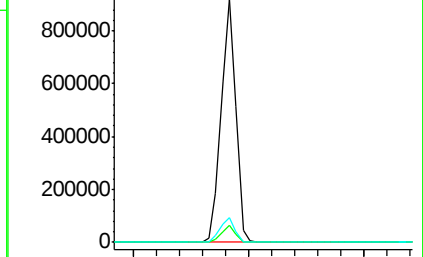
122 10.3 11.0 16.4#



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: 15.69 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF106548.D

Acq: 18 Jun 2018 19:36

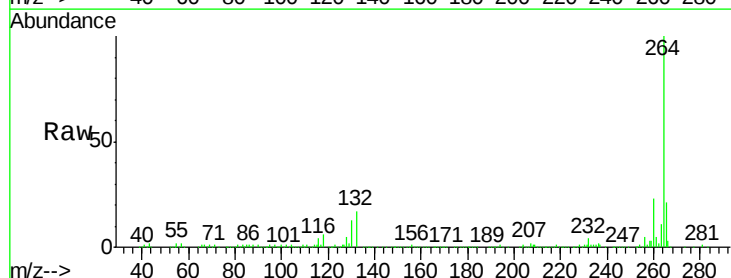
Tgt Ion:264 Resp: 264536

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.1 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

