

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106495.D
 Acq On : 15 Jun 2018 16:47
 Operator : JU/SJ
 Sample : J3467-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-06-061218

Quant Time: Jun 15 22:57:58 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	125865	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	459082	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	198408	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	330202	20.00	ng	0.00
75) Chrysene-d12	14.15	240	353060	20.00	ng	0.00
86) Perylene-d12	15.70	264	306136	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	395783	53.22	ng	0.00
7) Phenol-d6	6.61	99	297048	31.62	ng	0.00
23) Nitrobenzene-d5	7.53	82	706329	90.51	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	246272	129.00	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1116497	108.91	ng	0.00
78) Terphenyl-d14	13.08	244	1094382	76.99	ng	0.00

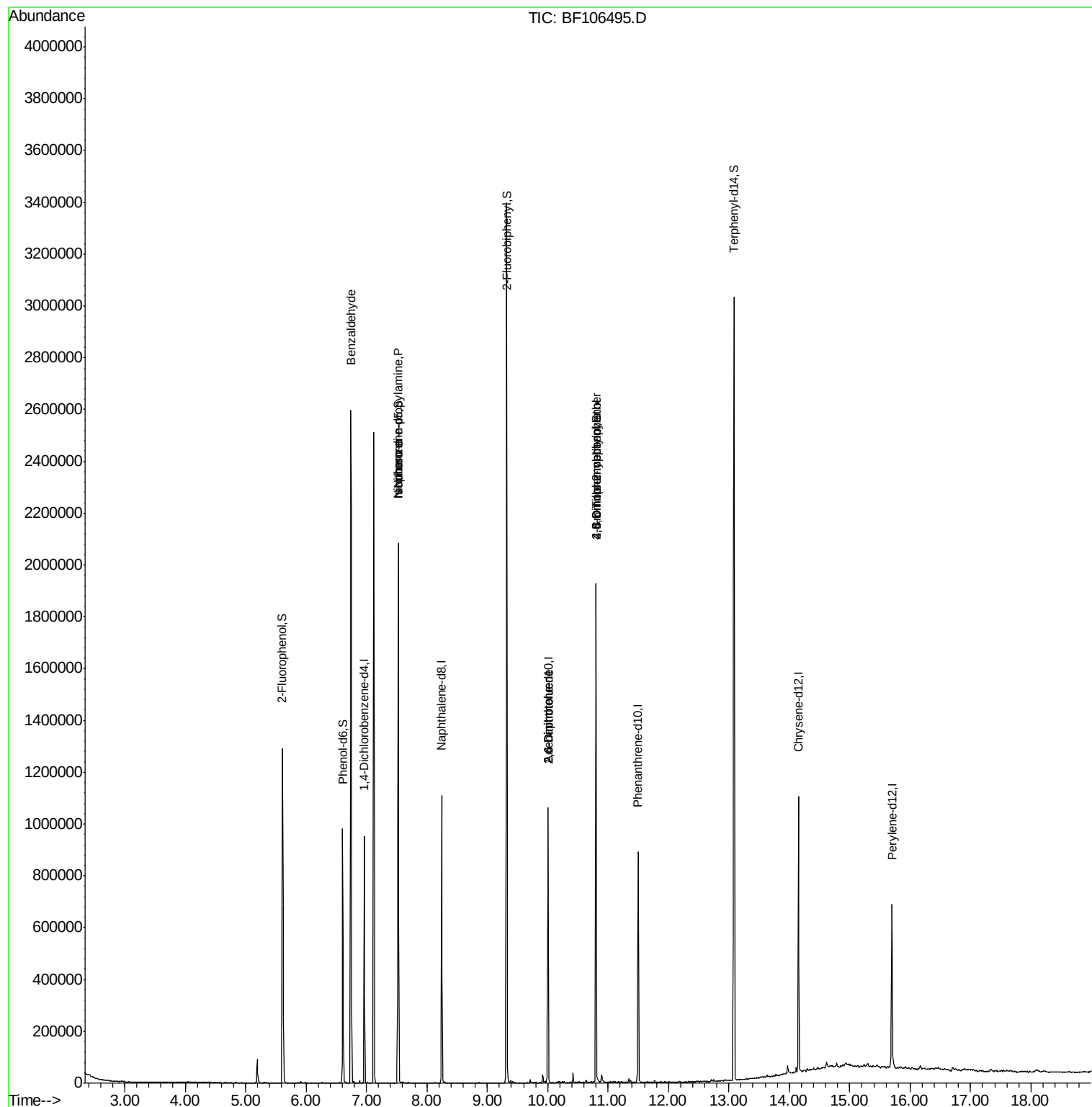
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	16034	2.250	ng	82
19) n-Nitroso-di-n-propylamine	7.53	70	95274	13.516	ng	# 75
25) Isophorone	7.53	82	706439	46.347	ng	# 64
50) 2,6-Dinitrotoluene	10.01	165	24752	8.548	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	24752	6.807	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	399	6.489	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	15706	4.182	ng	# 1

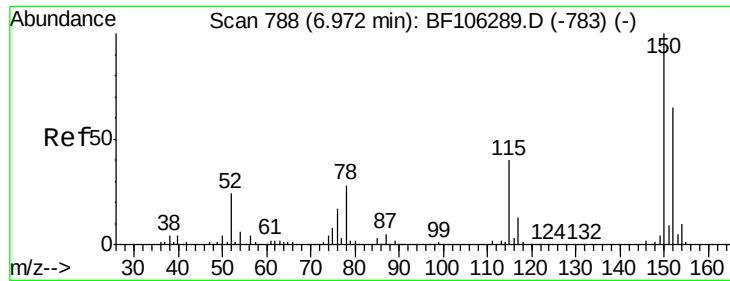
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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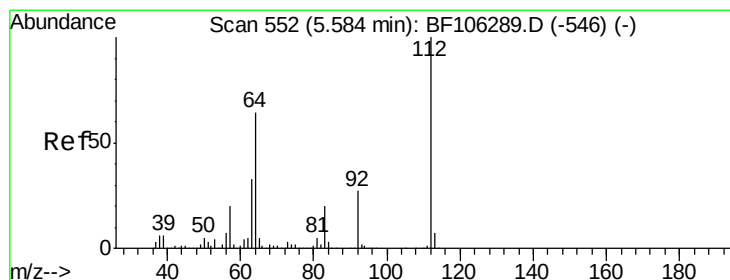
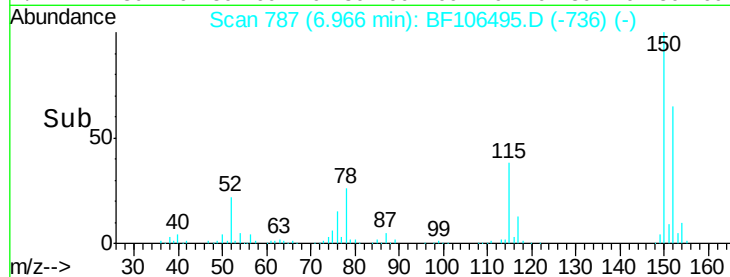
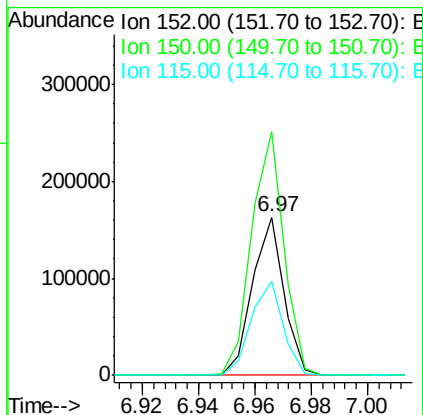
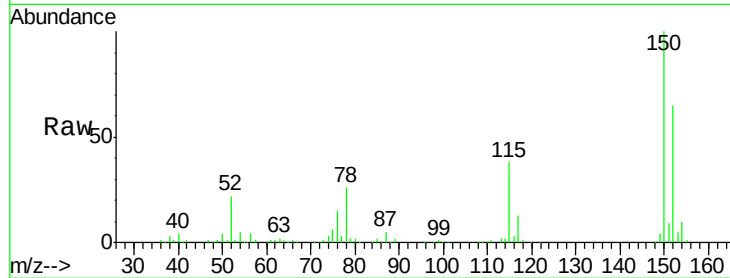


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106495.D
Acq: 15 Jun 2018 16:47

Instrument :
BNA_F
ClientSampleId :
C-MW-06-061218

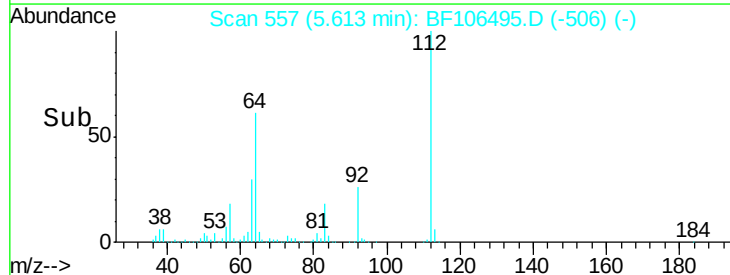
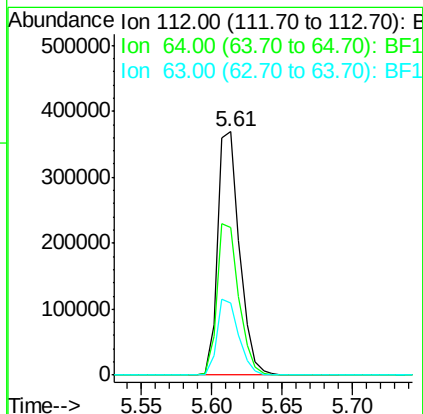
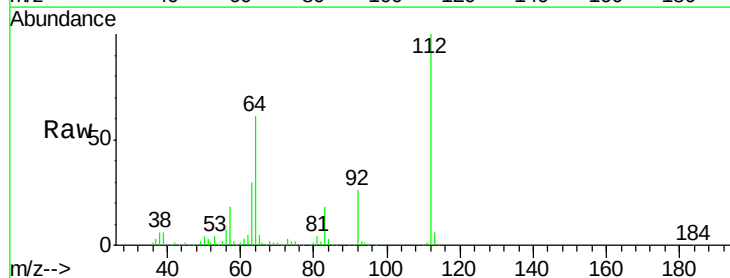
Tgt Ion:152 Resp: 125865
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 59.2 50.1 75.1

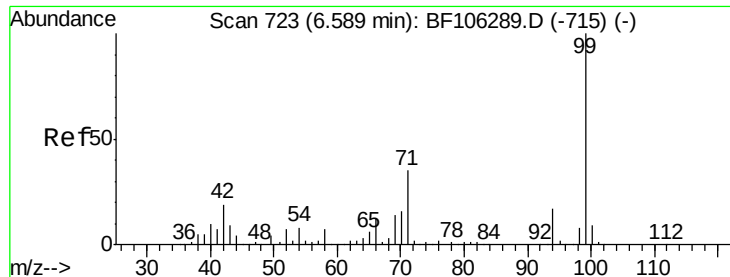


#5

2-Fluorophenol
Concen: 53.221 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106495.D
Acq: 15 Jun 2018 16:47

Tgt Ion:112 Resp: 395783
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 31.616 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106495.D

Acq: 15 Jun 2018 16:47

Instrument :

BNA_F

ClientSampleId :

C-MW-06-061218

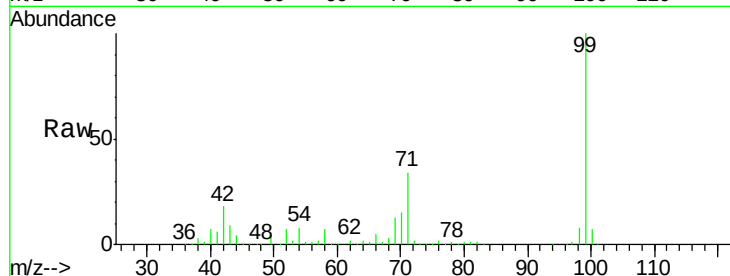
Tgt Ion: 99 Resp: 297048

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

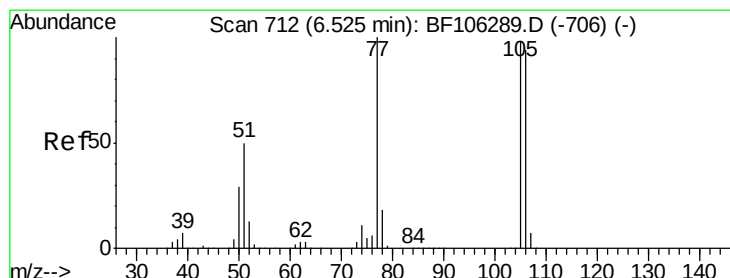
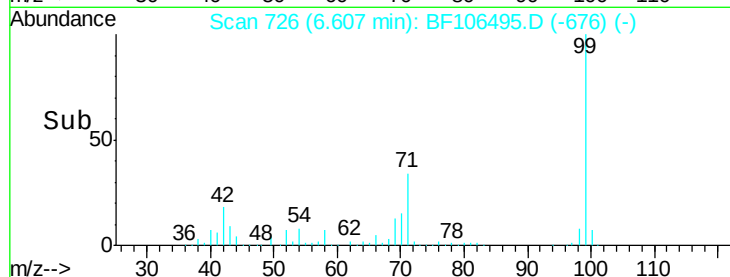
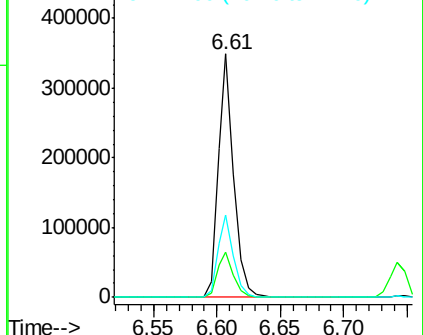
71 33.8 25.4 38.0



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: 2.250 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106495.D

Acq: 15 Jun 2018 16:47

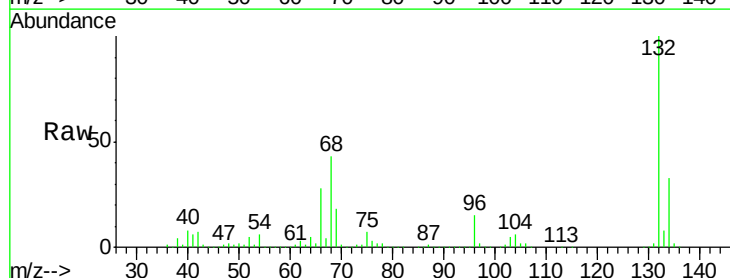
Tgt Ion: 77 Resp: 16034

Ion Ratio Lower Upper

77 100

105 83.2 81.1 121.1

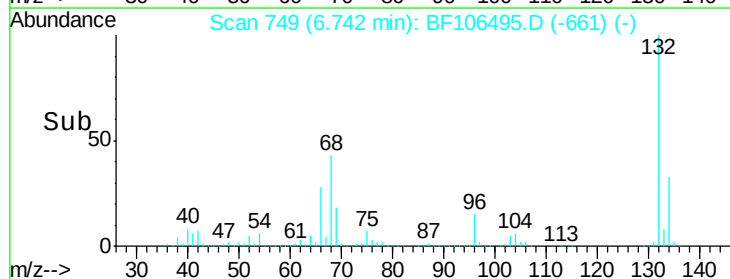
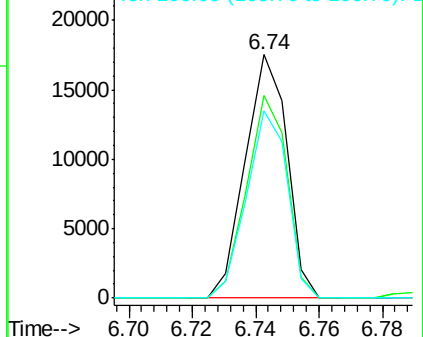
106 77.0 74.5 114.5

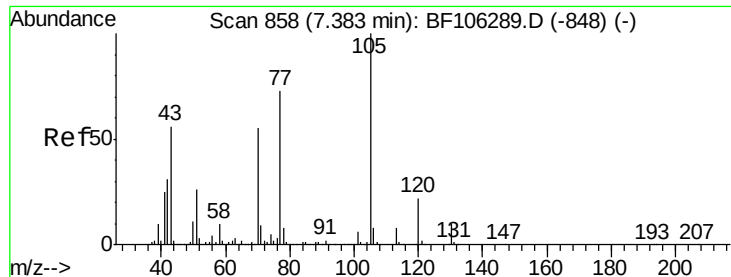


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

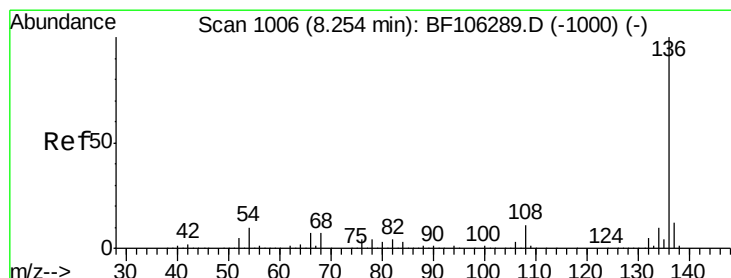
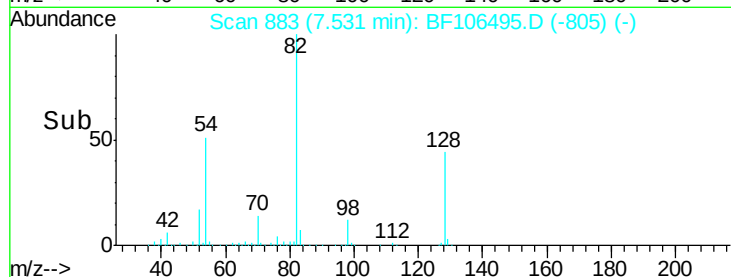
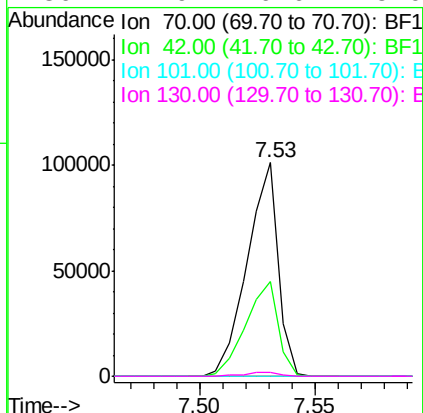
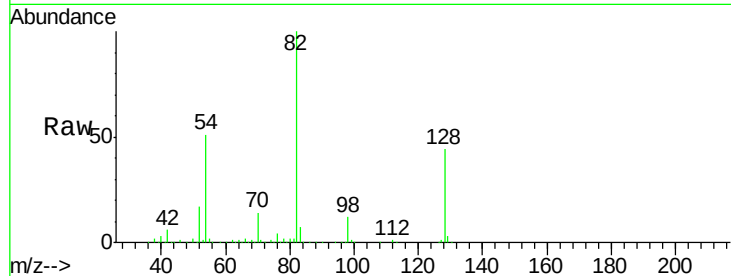




#19
n-Nitroso-di-n-propylamine
Concen: 13.516 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106495.D
Acq: 15 Jun 2018 16:47

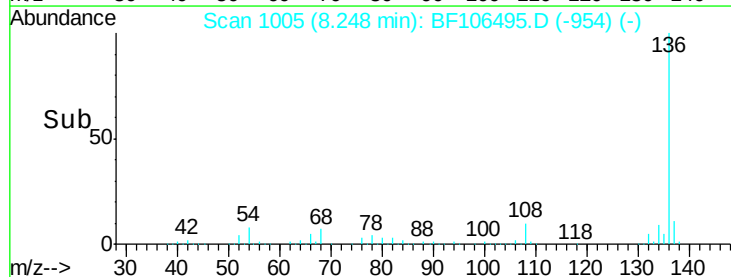
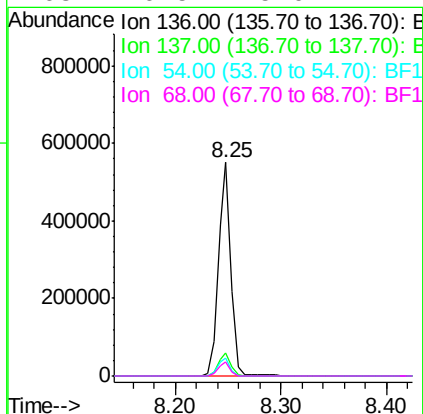
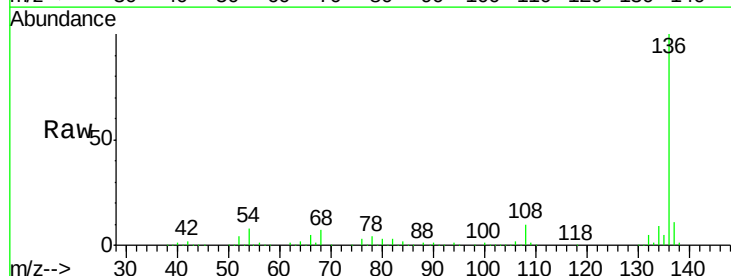
Instrument :
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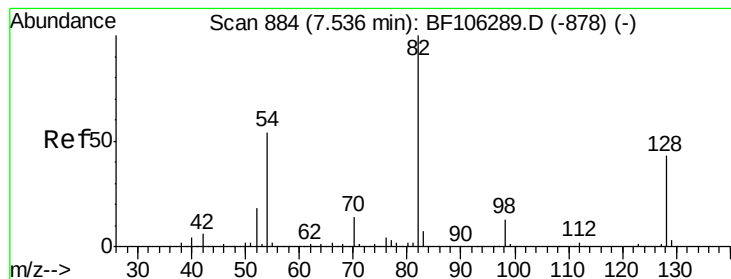
Tgt Ion: 70 Resp: 95274
Ion Ratio Lower Upper
70 100
42 44.3 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106495.D
Acq: 15 Jun 2018 16:47

Tgt Ion: 136 Resp: 459082
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.3 6.6 9.8
68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 90.512 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106495.D

Acq: 15 Jun 2018 16:47

Instrument :

BNA_F

ClientSampleId :

C-MW-06-061218

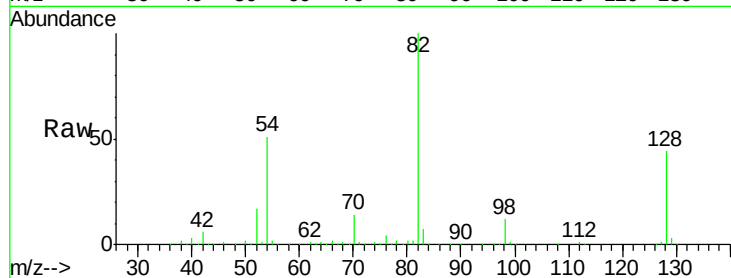
Tgt Ion: 82 Resp: 706329

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

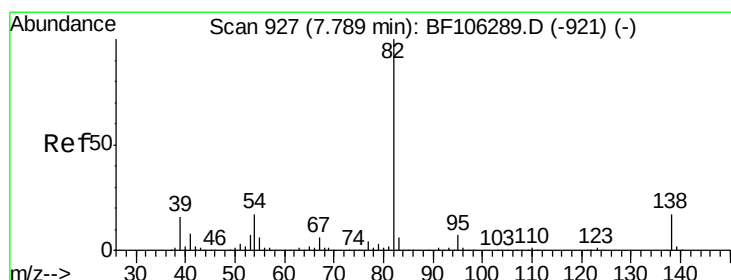
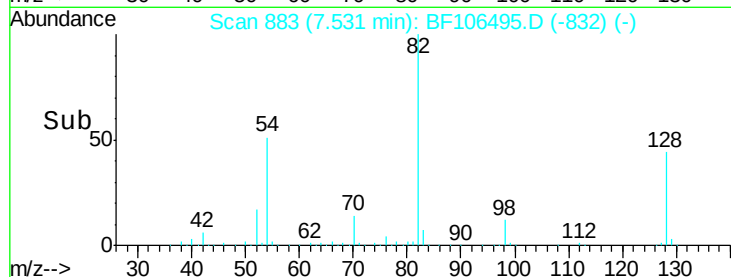
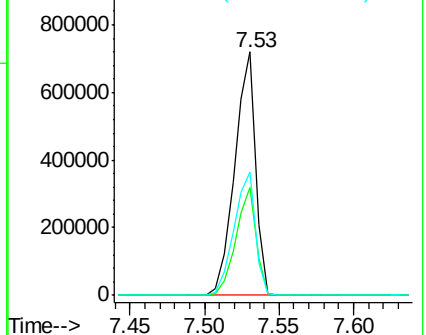
54 50.7 41.4 62.2



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: 46.347 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106495.D

Acq: 15 Jun 2018 16:47

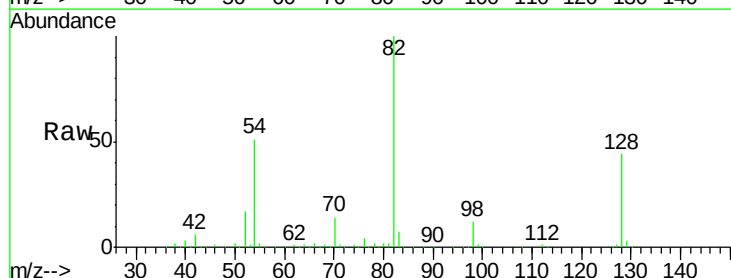
Tgt Ion: 82 Resp: 706439

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

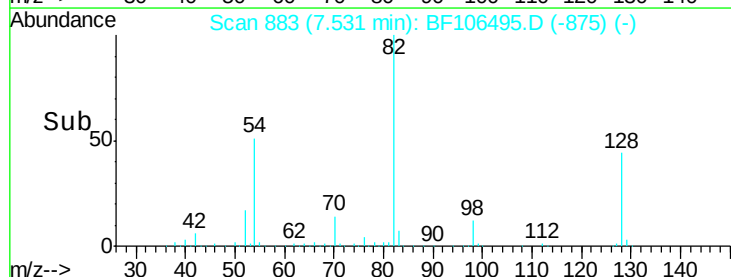
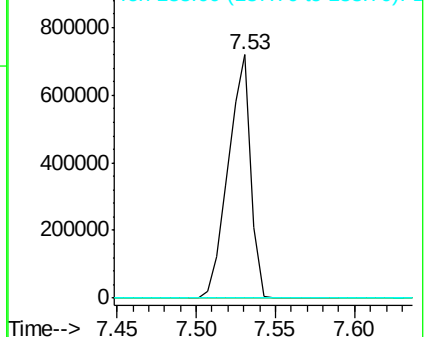
138 0.0 14.9 22.3#

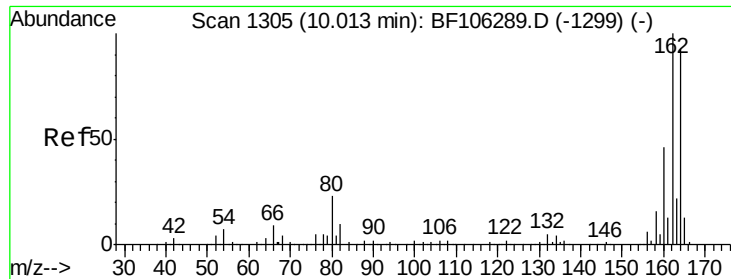


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

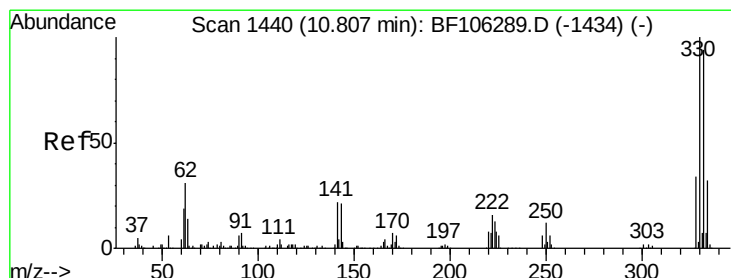
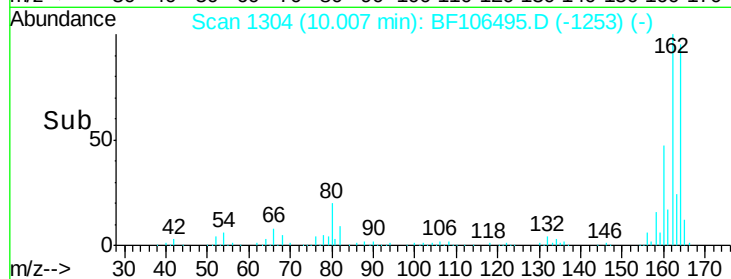
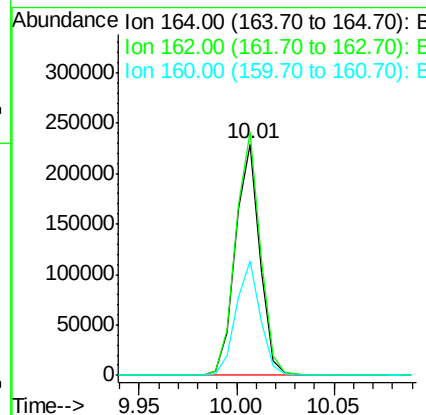
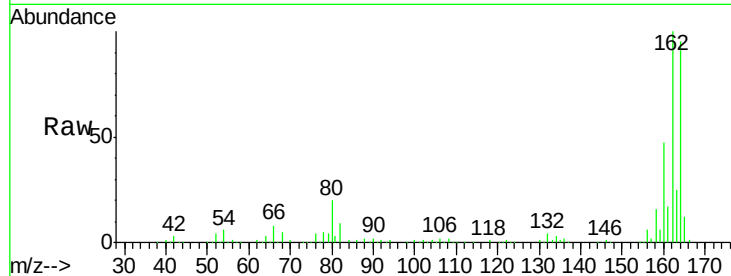




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106495.D
Acq: 15 Jun 2018 16:47

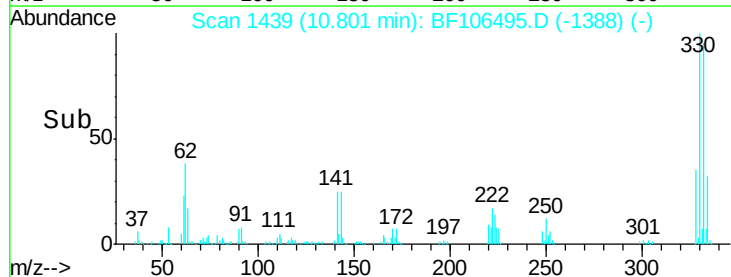
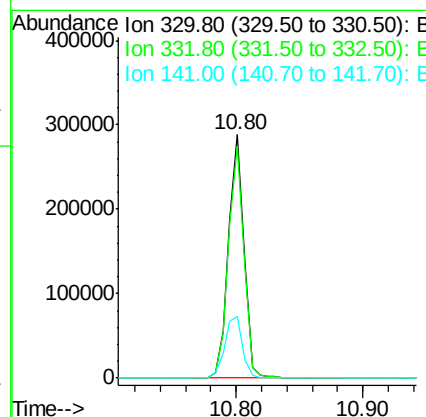
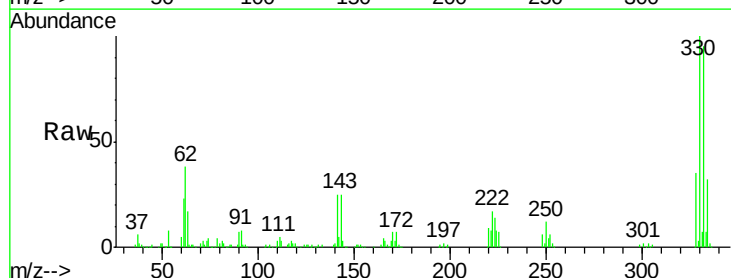
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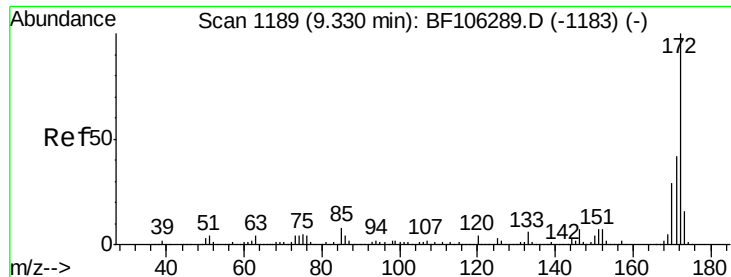
Tgt Ion:164 Resp: 198408
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 49.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 129.004 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106495.D
Acq: 15 Jun 2018 16:47

Tgt Ion:330 Resp: 246272
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 28.9 29.9 44.9#

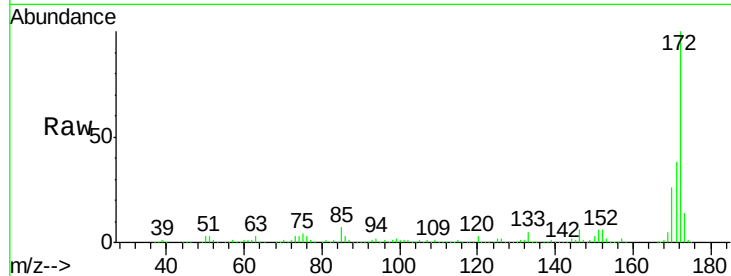




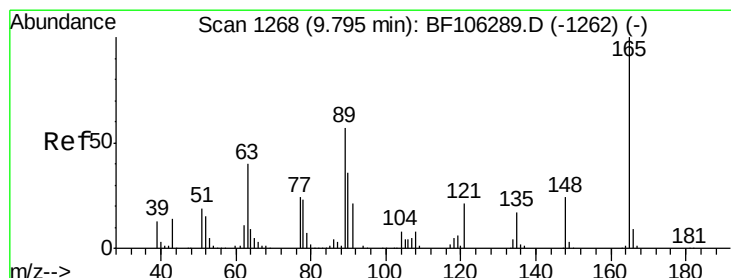
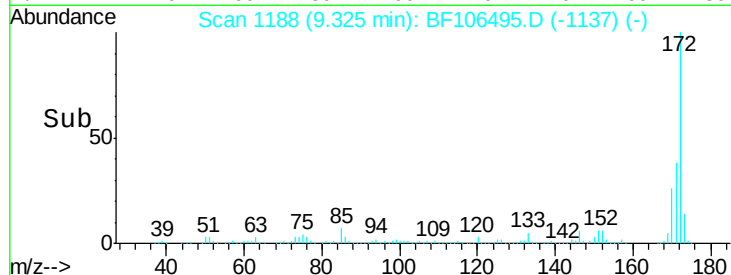
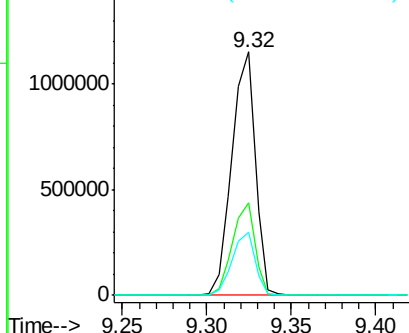
#44
 2-Fluorobiphenyl
 Concen: 108.910 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106495.D
 Acq: 15 Jun 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-06-061218

Tgt Ion:172 Resp: 1116497
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.7 44.5
 170 25.9 19.6 29.4

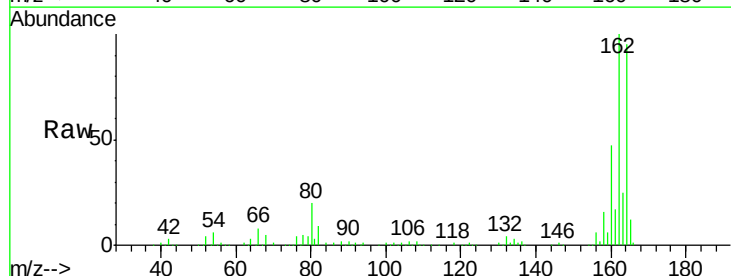


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

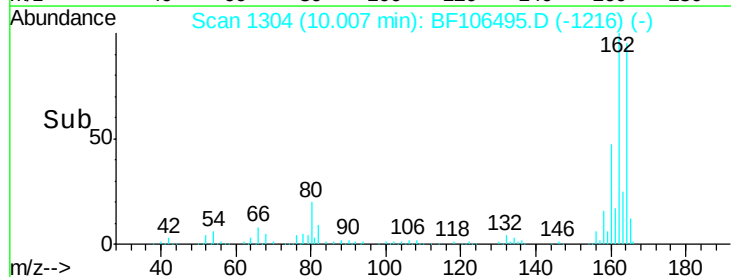
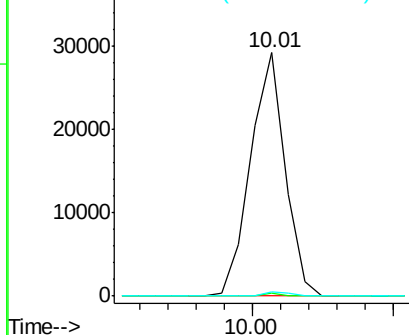


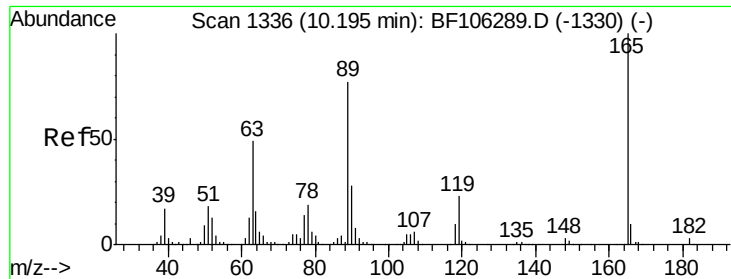
#50
 2,6-Dinitrotoluene
 Concen: 8.548 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.22 min
 Lab File: BF106495.D
 Acq: 15 Jun 2018 16:47

Tgt Ion:165 Resp: 24752
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.8 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

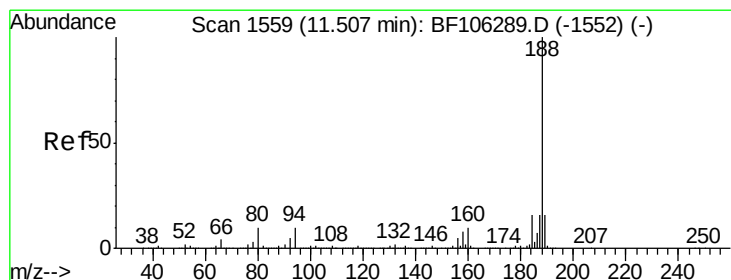
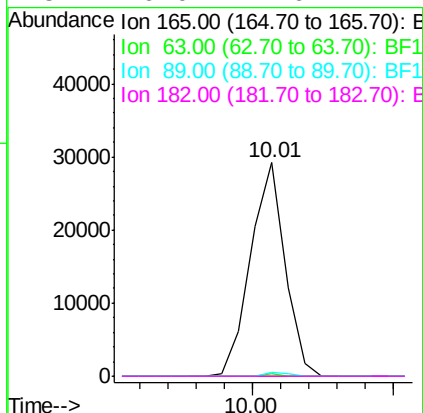
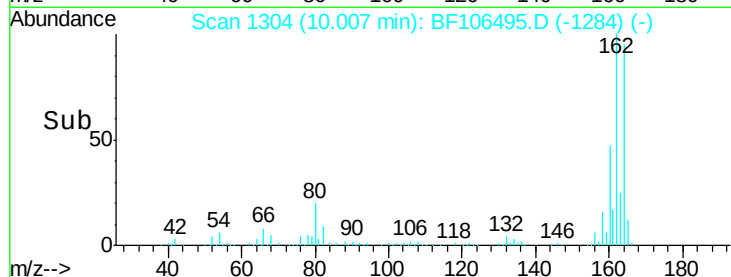
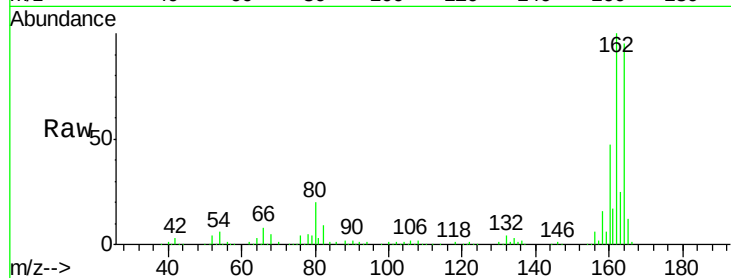




#56
2,4-Dinitrotoluene
Concen: 6.807 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106495.D
Acq: 15 Jun 2018 16:47

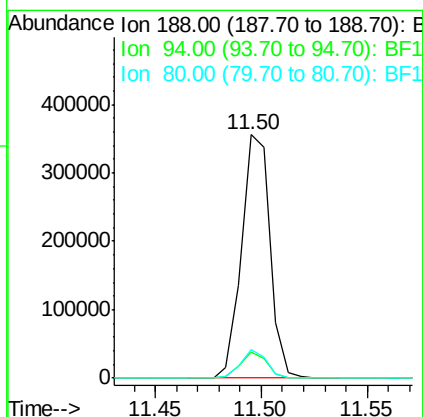
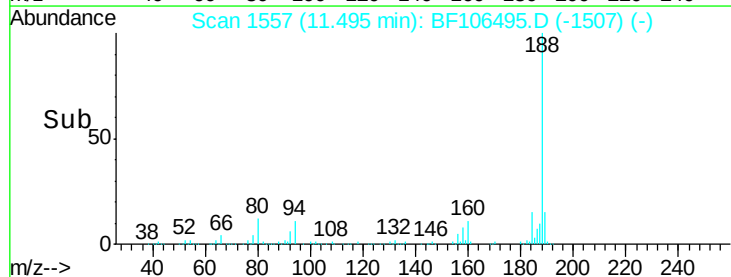
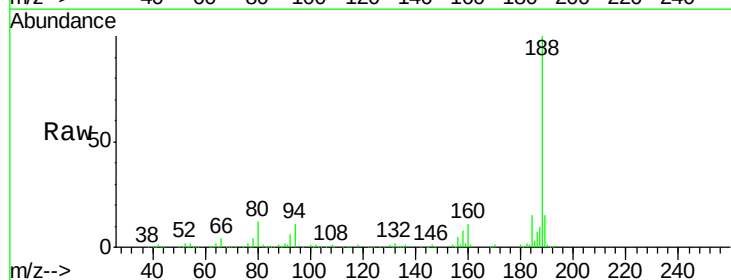
Instrument :
BNA_F
ClientSampleId :
C-MW-06-061218

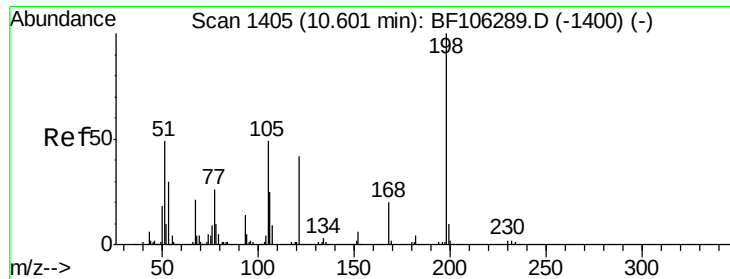
Tgt Ion:	165	Resp:	24752
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106495.D
Acq: 15 Jun 2018 16:47

Tgt Ion:	188	Resp:	330202
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.9	9.2	13.8

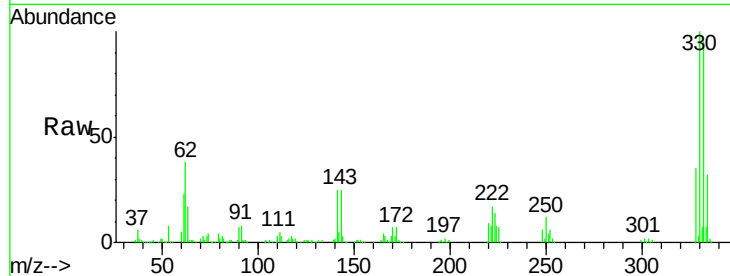




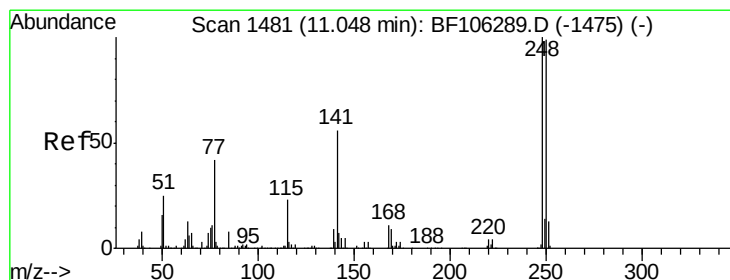
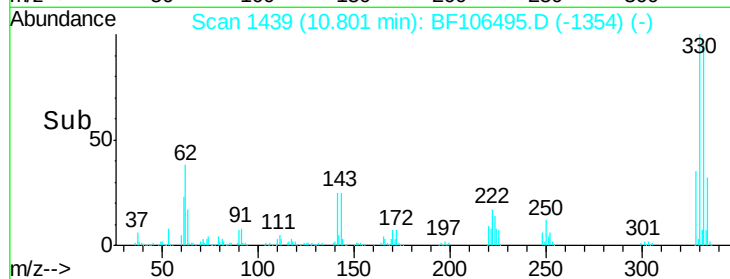
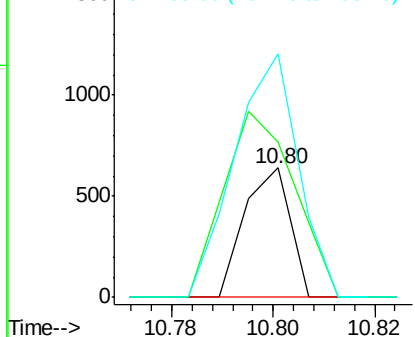
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.489 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106495.D
 Acq: 15 Jun 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-06-061218

Tgt Ion:198 Resp: 399
 Ion Ratio Lower Upper
 198 100
 51 119.8 37.7 77.7#
 105 188.1 36.3 76.3#

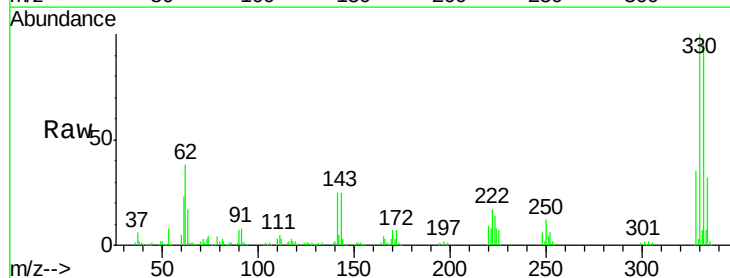


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

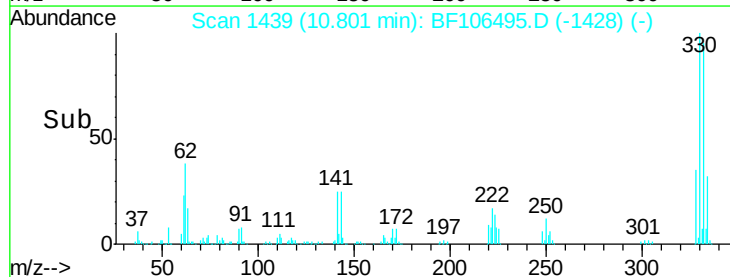
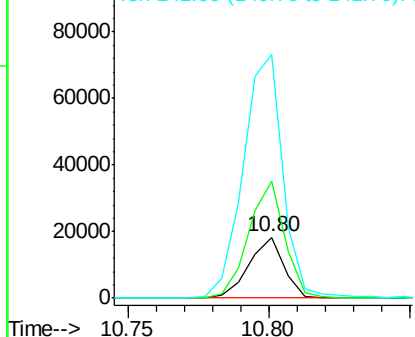


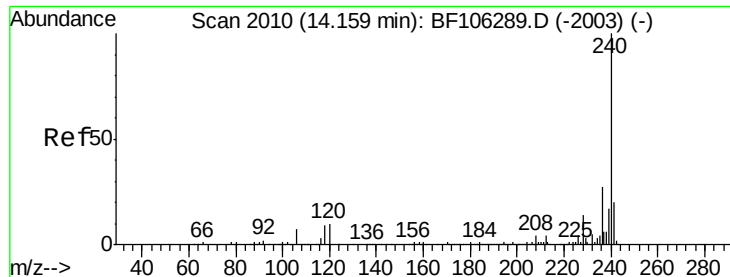
#66
 4-Bromophenyl-phenylether
 Concen: 4.182 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106495.D
 Acq: 15 Jun 2018 16:47

Tgt Ion:248 Resp: 15706
 Ion Ratio Lower Upper
 248 100
 250 191.3 76.9 115.3#
 141 398.2 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: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106495.D

Acq: 15 Jun 2018 16:47

Instrument :

BNA_F

ClientSampleId :

C-MW-06-061218

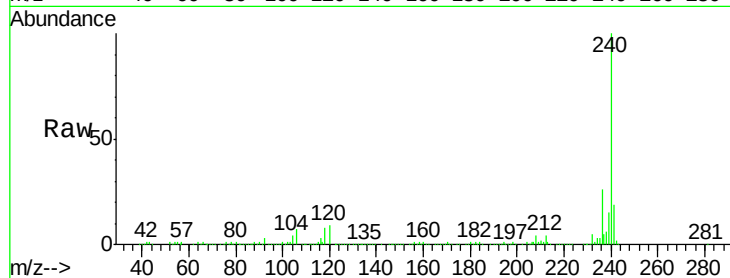
Tgt Ion:240 Resp: 353060

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

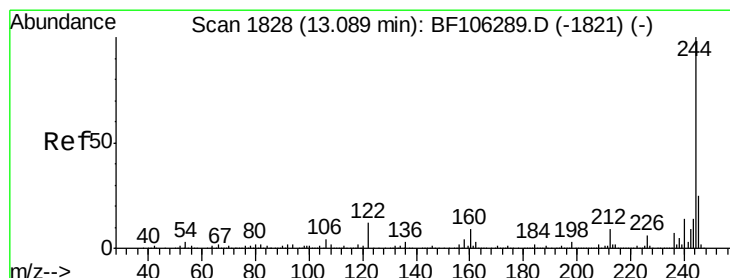
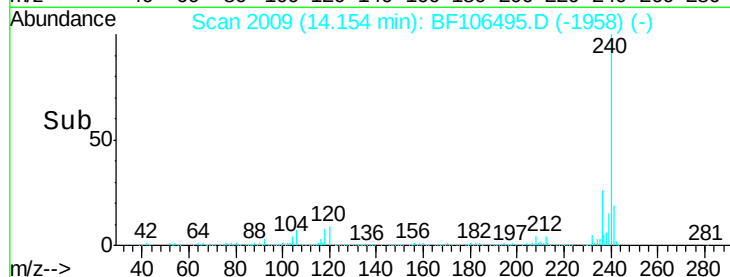
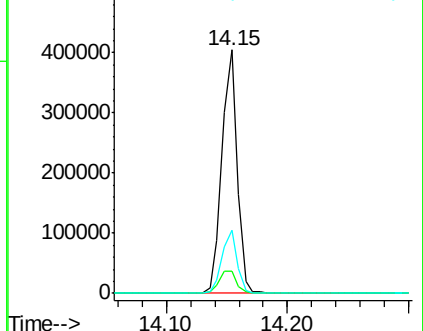
236 25.9 20.7 31.1



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: 76.990 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106495.D

Acq: 15 Jun 2018 16:47

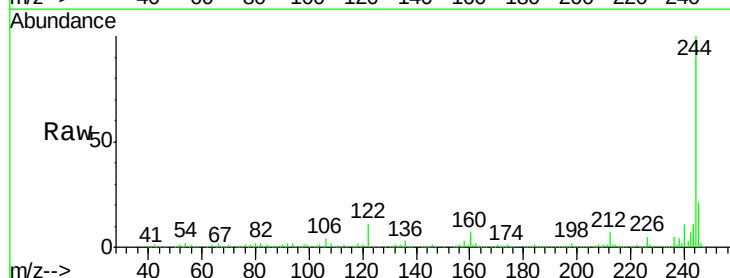
Tgt Ion:244 Resp: 1094382

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

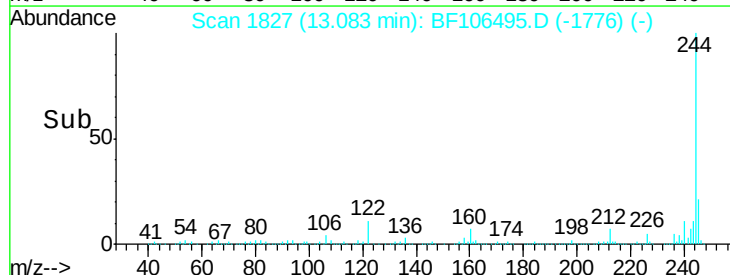
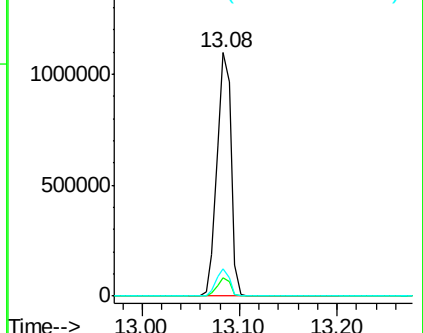
122 11.0 11.0 16.4

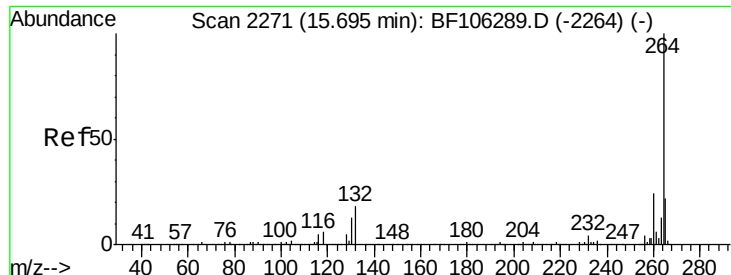


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106495.D
Acq: 15 Jun 2018 16:47

Instrument :
BNA_F
ClientSampleId :
C-MW-06-061218

Tgt Ion:	264	Resp:	306136
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.8	17.5	26.3

