

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106544.D
 Acq On : 18 Jun 2018 17:48
 Operator : JU/SJ
 Sample : J3566-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-S

Quant Time: Jun 19 01:08:11 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

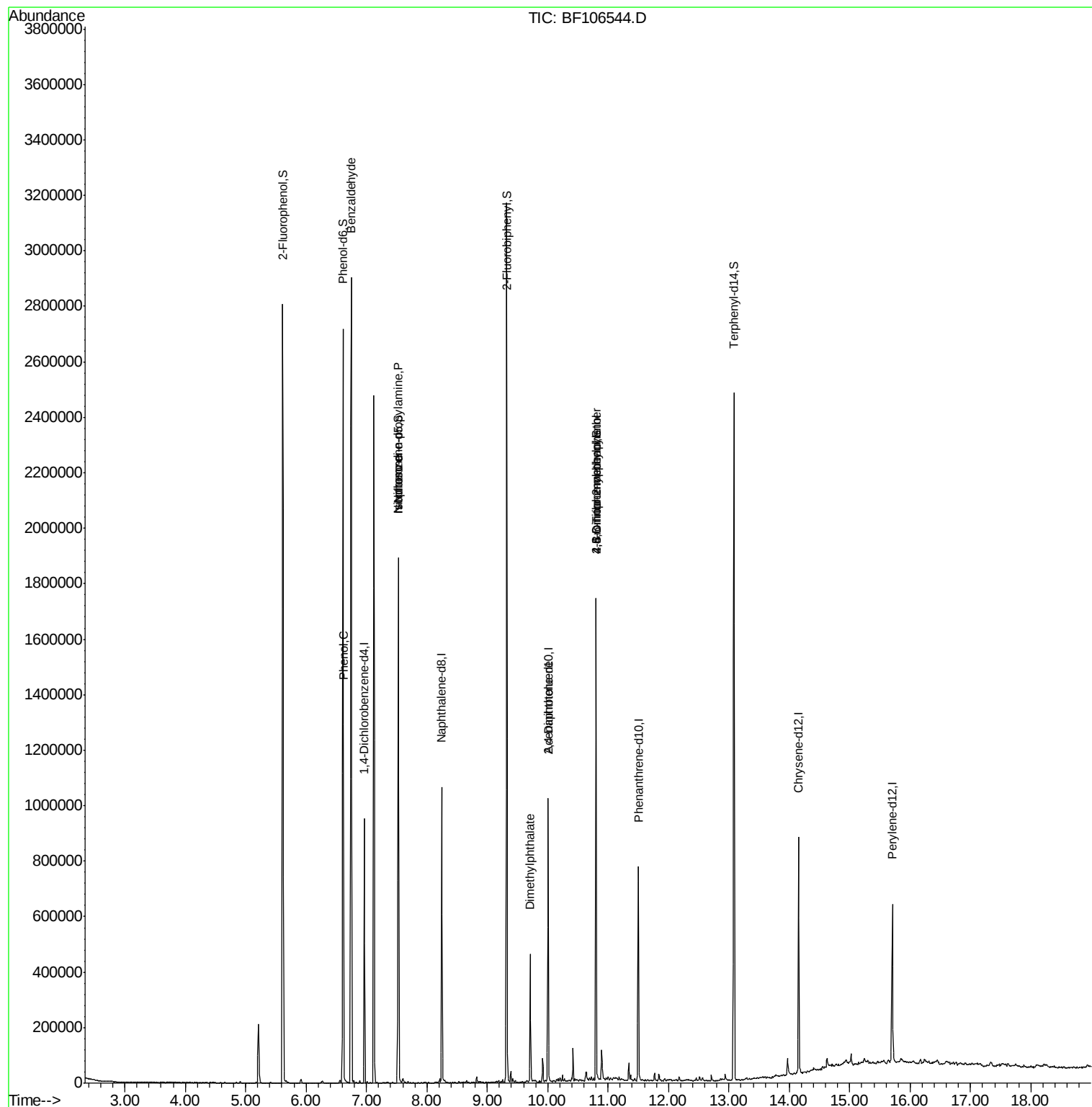
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118374	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	434962	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	181232	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	284420	20.00	ng	0.00
75) Chrysene-d12	14.15	240	276922	20.00	ng	0.00
86) Perylene-d12	15.71	264	283368	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	796590	113.90	ng	0.00
7) Phenol-d6	6.61	99	968962	109.66	ng	0.00
23) Nitrobenzene-d5	7.53	82	660287	89.30	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	214473	122.99	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1023630	109.57	ng	0.00
78) Terphenyl-d14	13.08	244	840835	75.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	18065	2.695	ng	Qvalue 90
10) Phenol	6.62	94	19981	2.071	ng	92
19) n-Nitroso-di-n-propylamine	7.53	70	88896	13.410	ng	# 74
25) Isophorone	7.53	82	660278	45.720	ng	# 64
49) Dimethylphthalate	9.71	163	164152	12.678	ng	99
56) 2,4-Dinitrotoluene	10.01	165	23859	7.184	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	497	6.576	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14184	4.385	ng	# 1

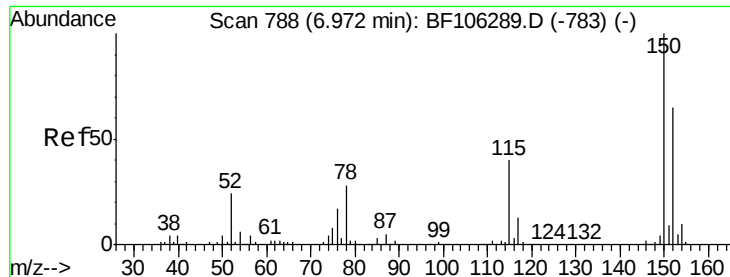
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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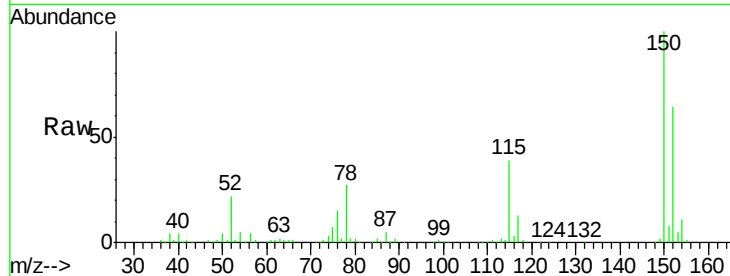


#1

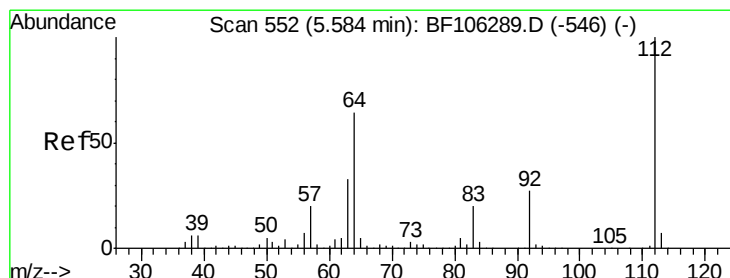
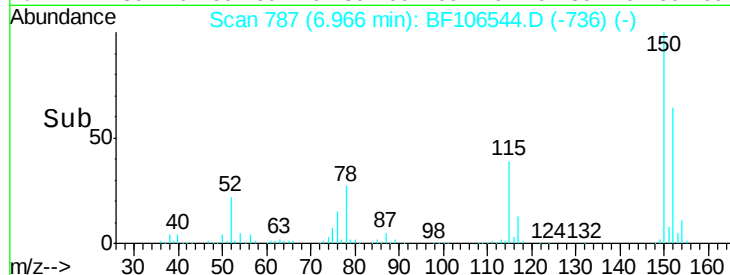
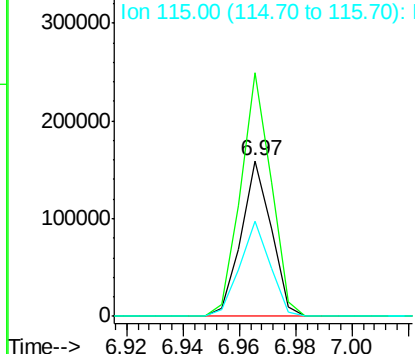
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106544.D
Acq: 18 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion:152 Resp: 118374
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 61.2 50.1 75.1



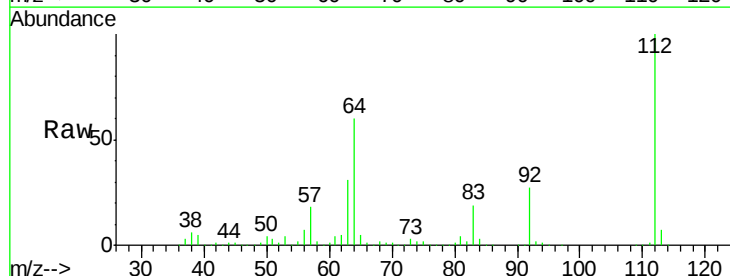
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



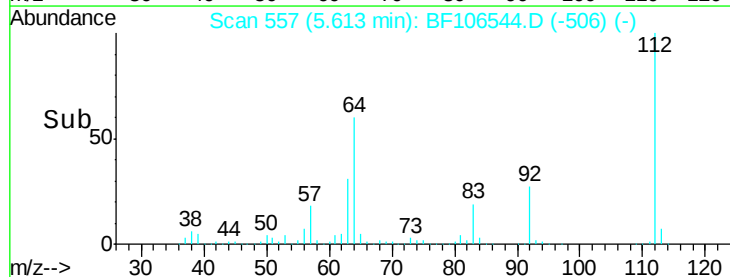
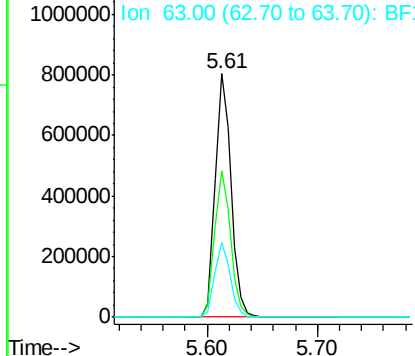
#5

2-Fluorophenol
Concen: 113.896 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106544.D
Acq: 18 Jun 2018 17:48

Tgt Ion:112 Resp: 796590
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.6 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: 109.657 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106544.D

Acq: 18 Jun 2018 17:48

Instrument :

BNA_F

ClientSampleId :

TP-8-S

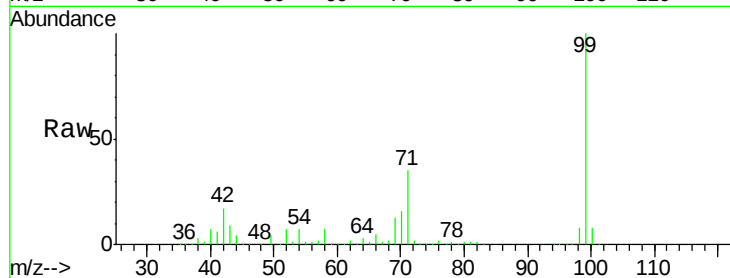
Tgt Ion: 99 Resp: 968962

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

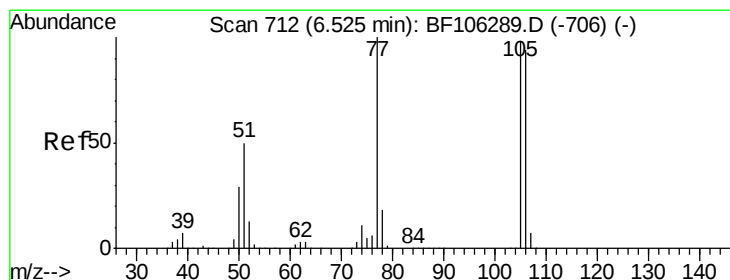
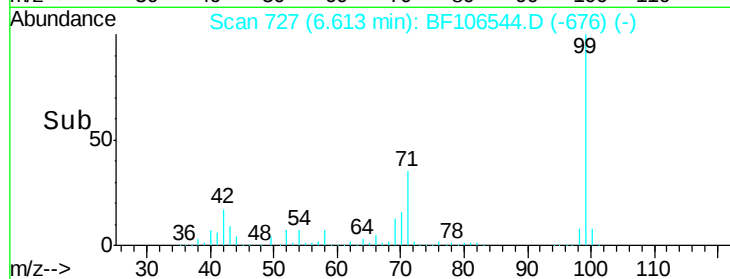
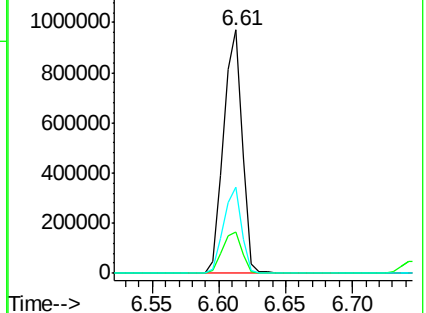
71 35.2 25.4 38.0



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: 2.695 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106544.D

Acq: 18 Jun 2018 17:48

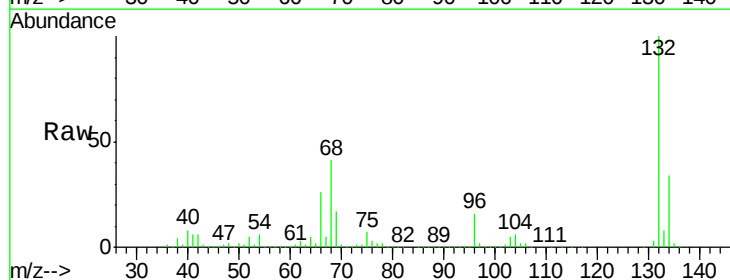
Tgt Ion: 77 Resp: 18065

Ion Ratio Lower Upper

77 100

105 92.7 81.1 121.1

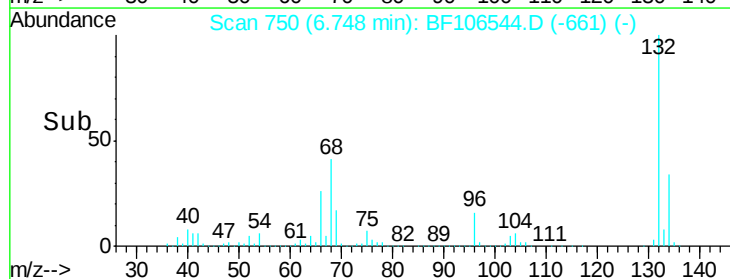
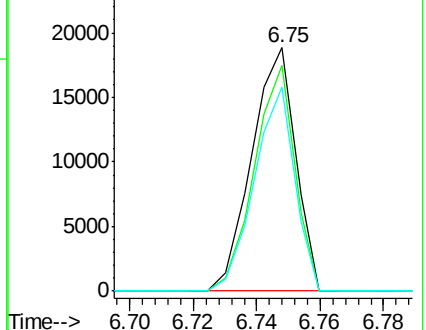
106 83.6 74.5 114.5

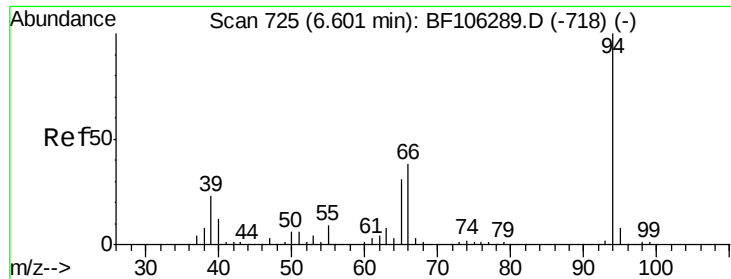


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.071 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF106544.D

Acq: 18 Jun 2018 17:48

Instrument :

BNA_F

ClientSampleId :

TP-8-S

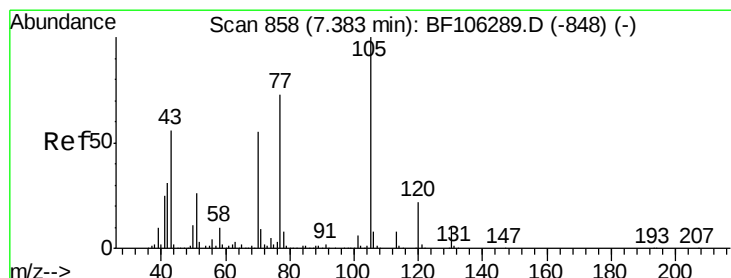
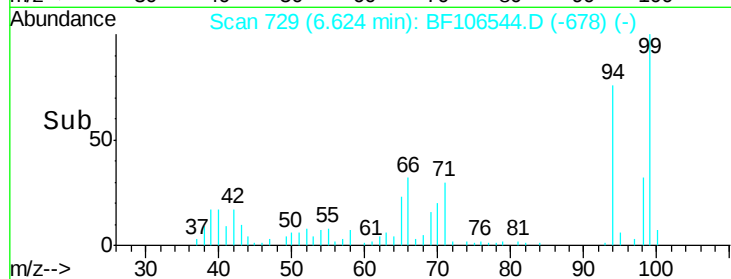
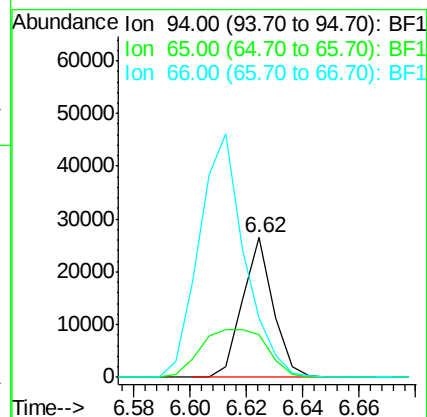
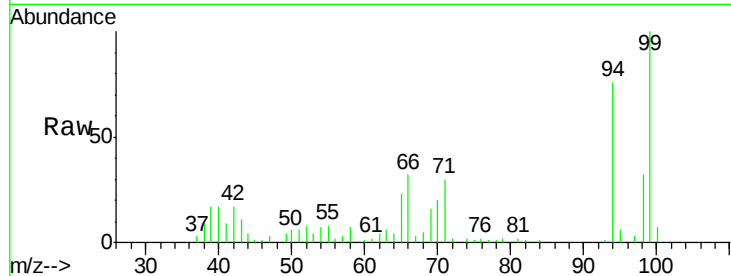
Tgt Ion: 94 Resp: 19981

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

66 42.1 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.410 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106544.D

Acq: 18 Jun 2018 17:48

Tgt Ion: 70 Resp: 88896

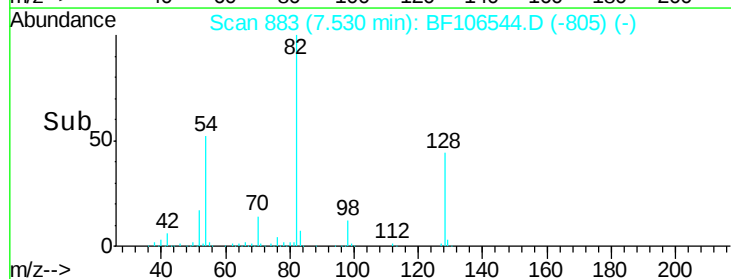
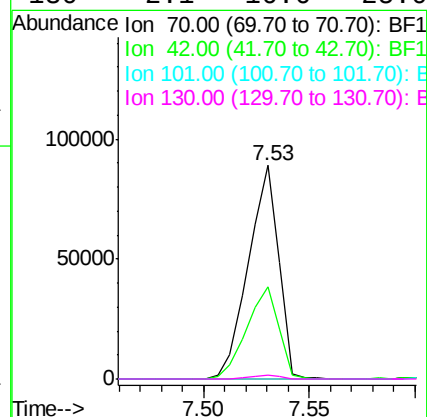
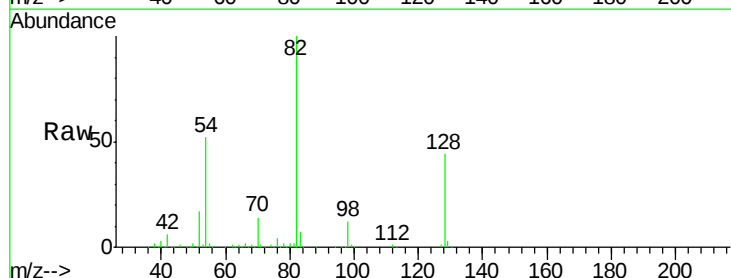
Ion Ratio Lower Upper

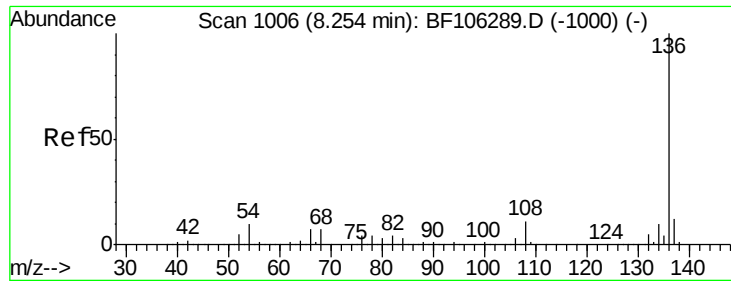
70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

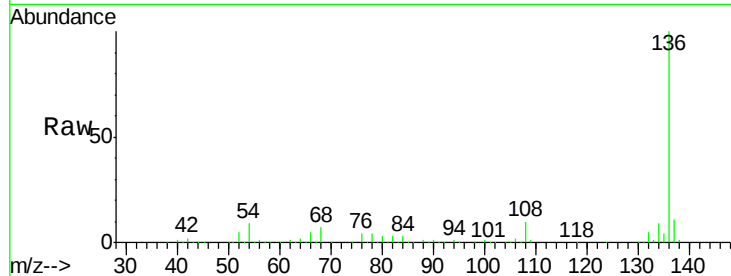




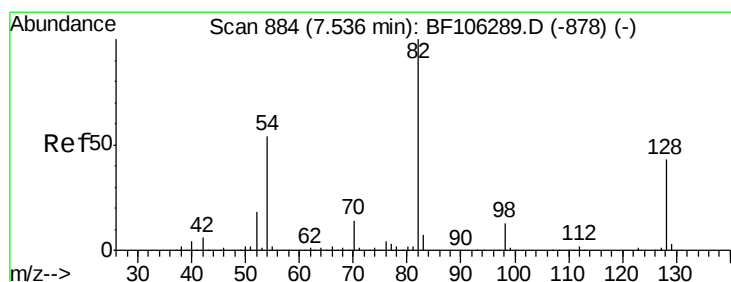
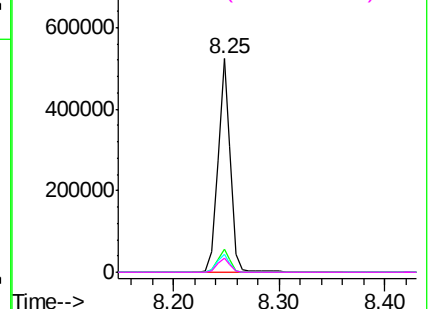
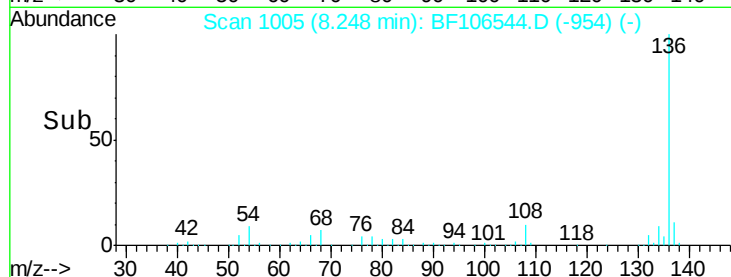
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF106544.D
Acq: 18 Jun 2018 17:48

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ClientSampleId :
TP-8-S

Tgt Ion: 136 Resp: 434962
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.7 6.6 9.8
68 6.7 5.0 7.4

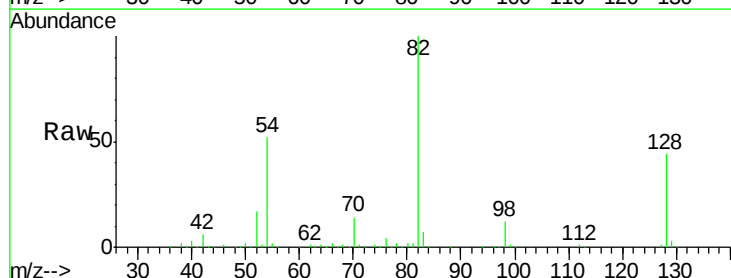


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

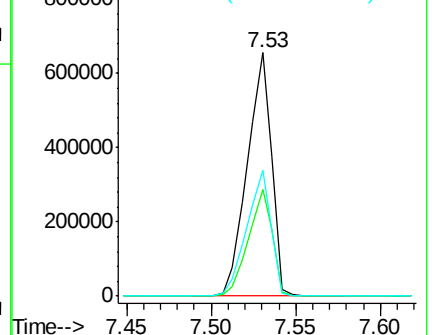
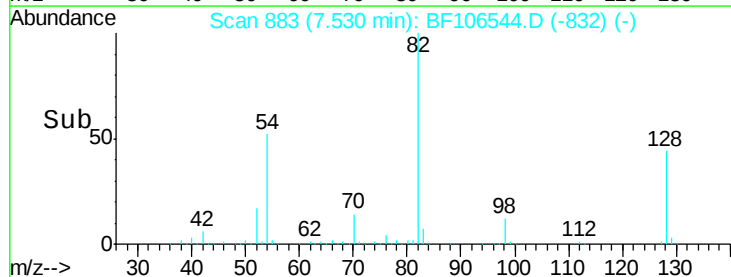


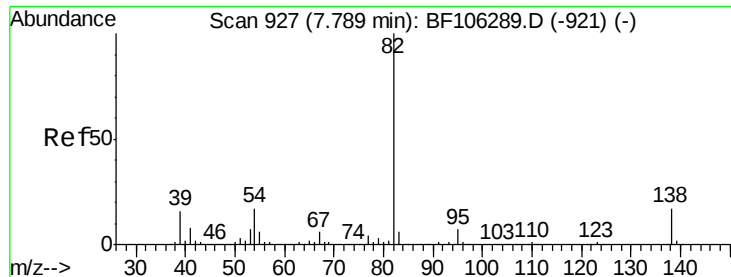
#23
Nitrobenzene-d5
Concen: 89.304 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF106544.D
Acq: 18 Jun 2018 17:48

Tgt Ion: 82 Resp: 660287
Ion Ratio Lower Upper
82 100
128 43.6 36.1 54.1
54 51.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.720 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106544.D

Acq: 18 Jun 2018 17:48

Instrument :

BNA_F

ClientSampleId :

TP-8-S

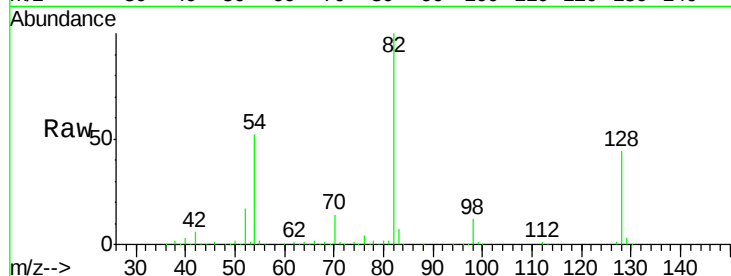
Tgt Ion: 82 Resp: 660278

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

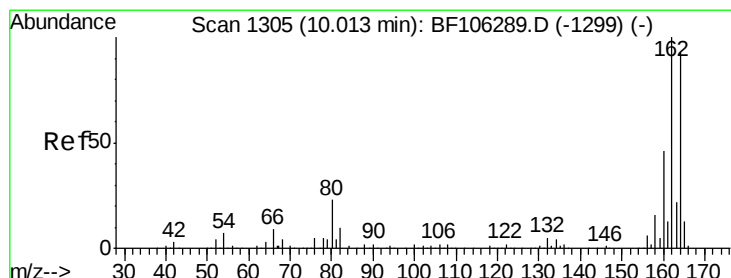
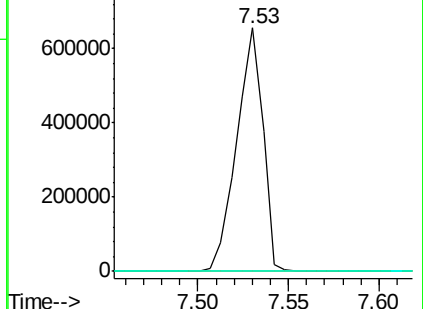
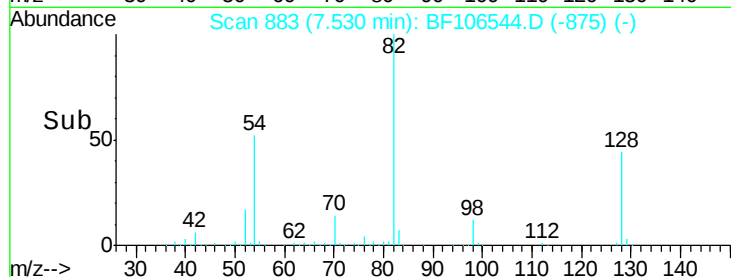
138 0.0 14.9 22.3#



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: BF106544.D

Acq: 18 Jun 2018 17:48

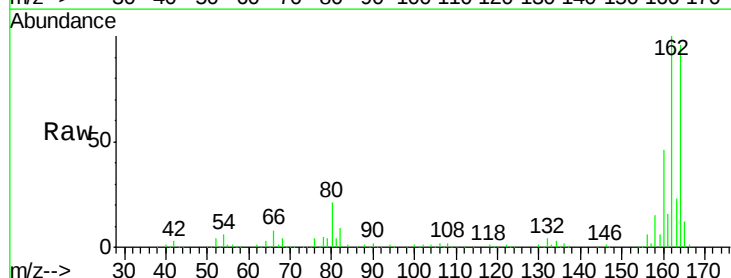
Tgt Ion: 164 Resp: 181232

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

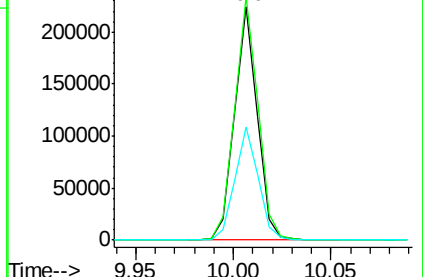
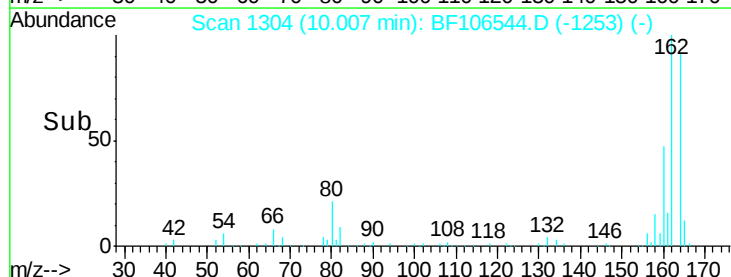
160 48.3 38.3 57.5

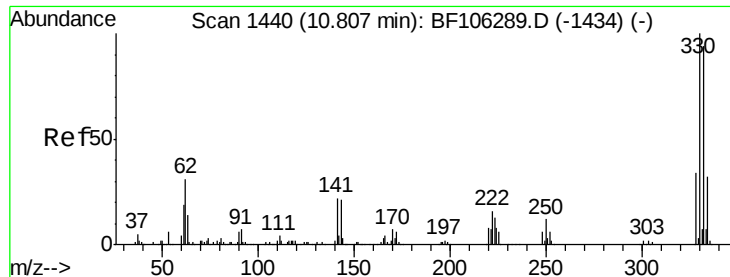


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

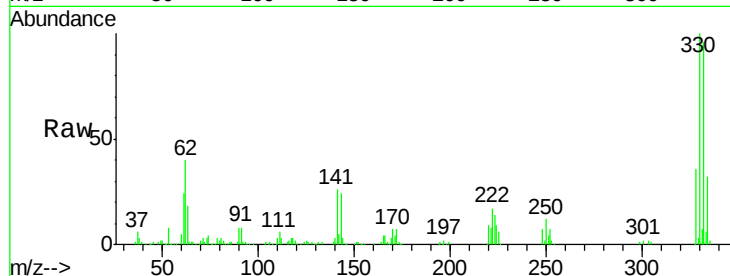




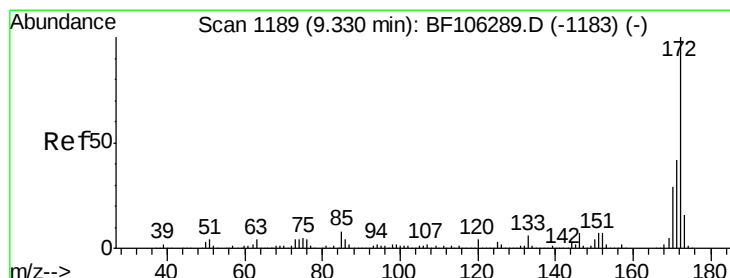
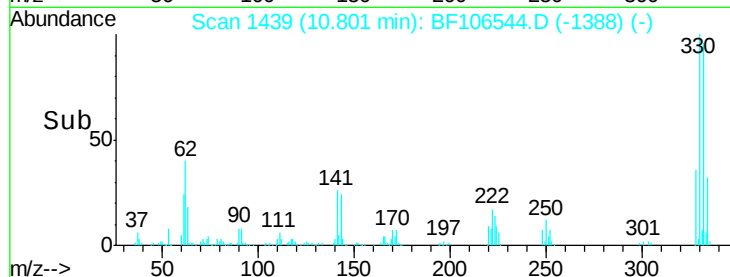
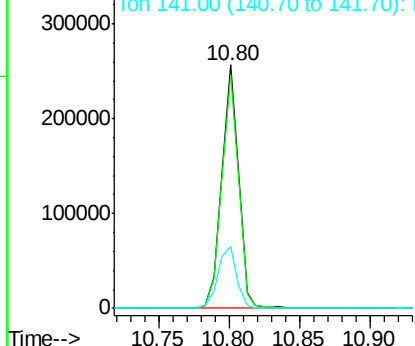
#41
 2,4,6-Tribromophenol
 Concen: 122.994 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF106544.D
 Acq: 18 Jun 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-S

Tgt Ion:330 Resp: 214473
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 28.2 29.9 44.9#

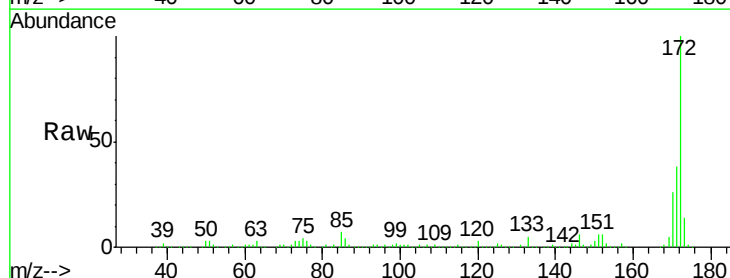


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

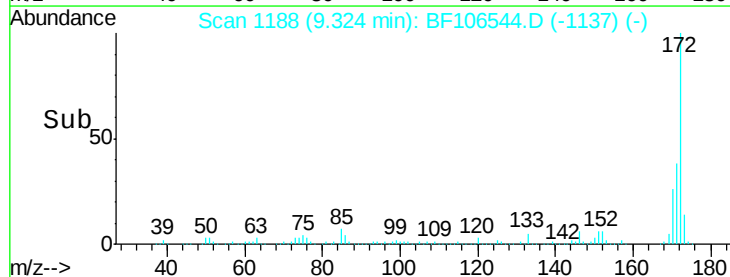
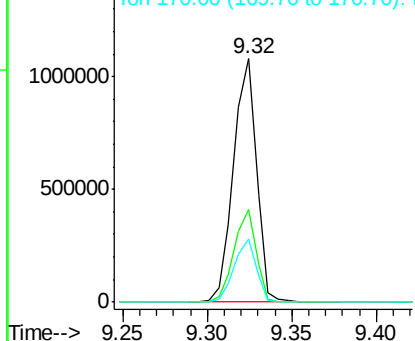


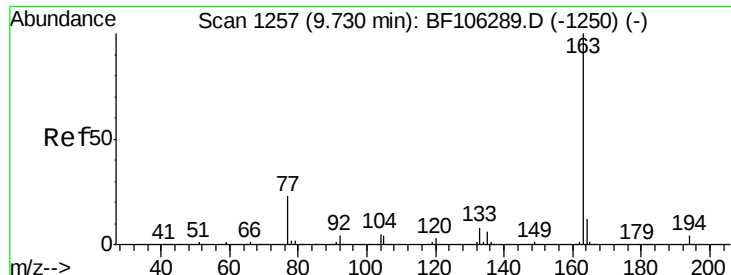
#44
 2-Fluorobiphenyl
 Concen: 109.569 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106544.D
 Acq: 18 Jun 2018 17:48

Tgt Ion:172 Resp: 1023630
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.7 44.5
 170 25.7 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

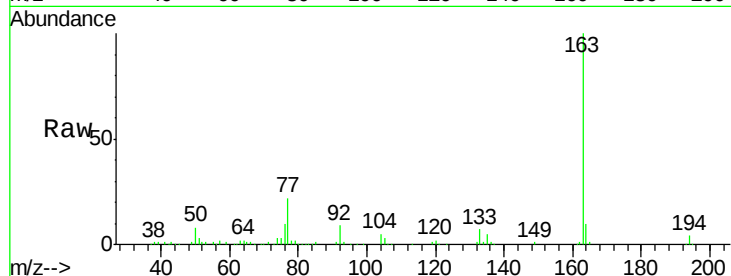




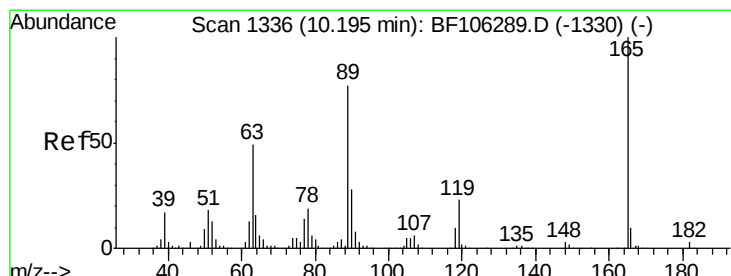
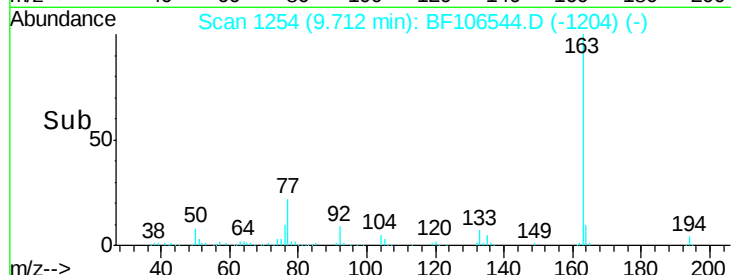
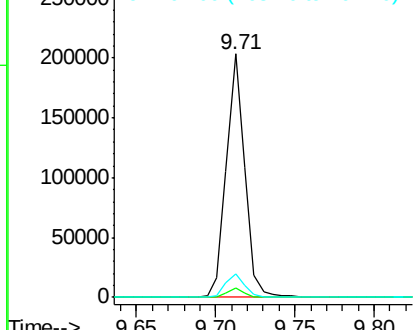
#49
Dimethylphthalate
Concen: 12.678 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106544.D
Acq: 18 Jun 2018 17:48

Instrument :
BNA_F
ClientSampled :
TP-8-S

Tgt Ion:163 Resp: 164152
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.8 8.2 12.2

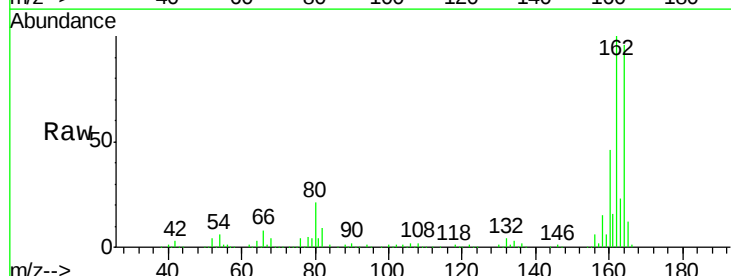


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

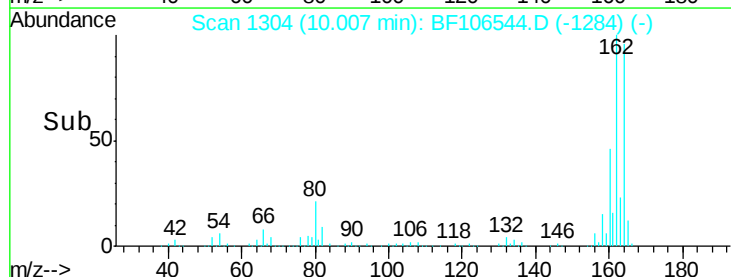
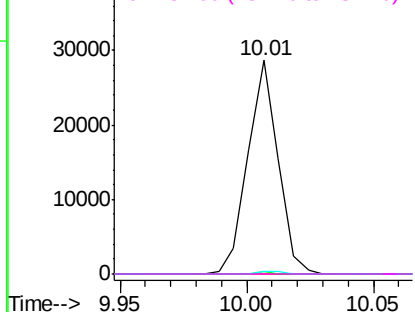


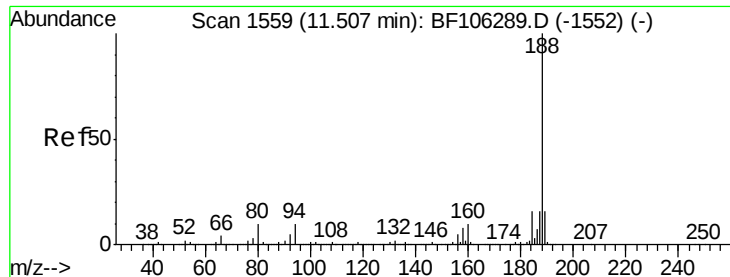
#56
2,4-Dinitrotoluene
Concen: 7.184 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106544.D
Acq: 18 Jun 2018 17:48

Tgt Ion:165 Resp: 23859
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF106544.D

Acq: 18 Jun 2018 17:48

Instrument :

BNA_F

ClientSampleId :

TP-8-S

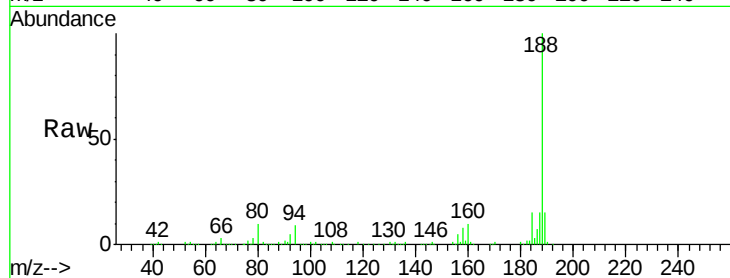
Tgt Ion:188 Resp: 284420

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

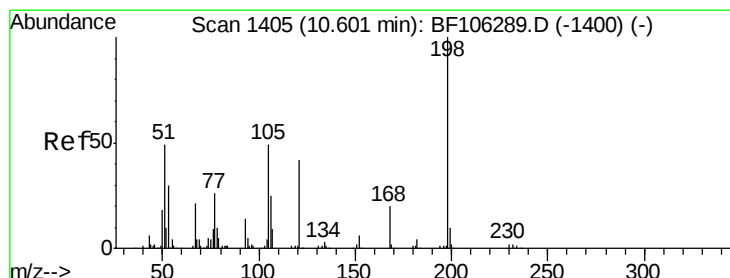
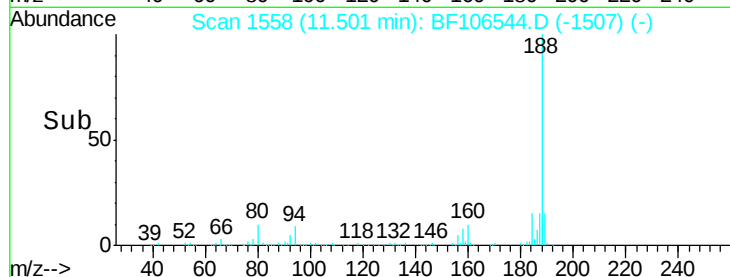
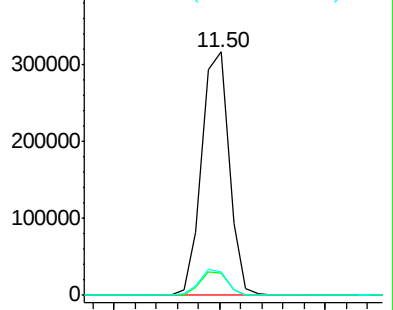
80 9.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 6.576 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106544.D

Acq: 18 Jun 2018 17:48

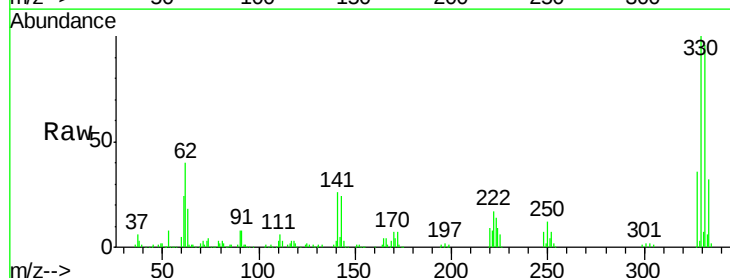
Tgt Ion:198 Resp: 497

Ion Ratio Lower Upper

198 100

51 160.9 37.7 77.7#

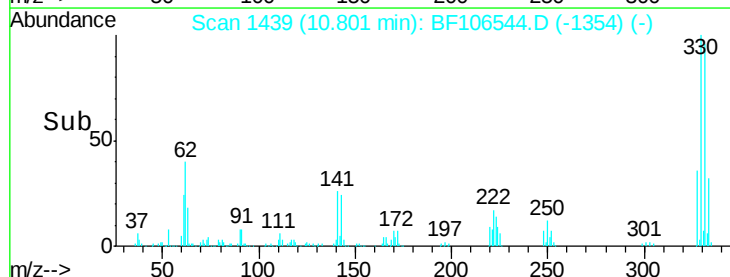
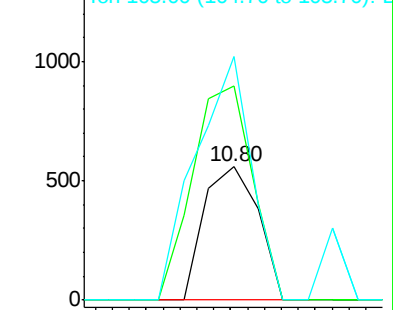
105 183.0 36.3 76.3#

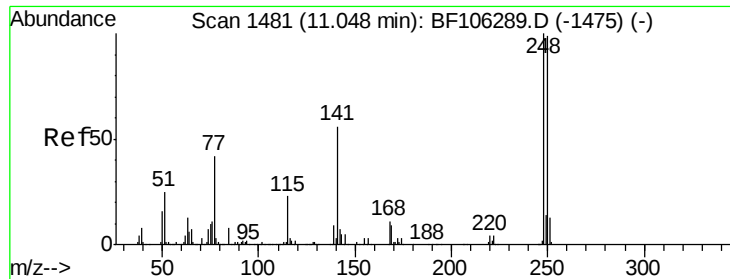


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

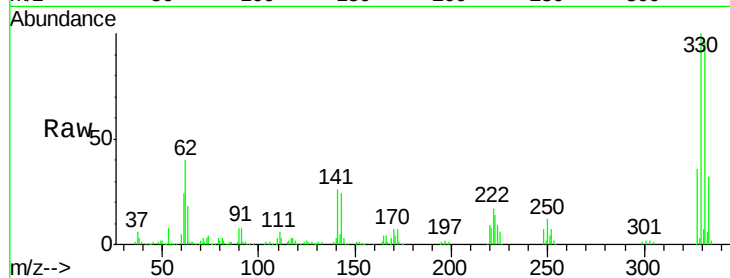




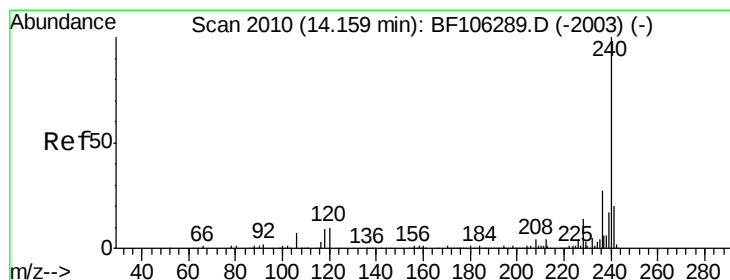
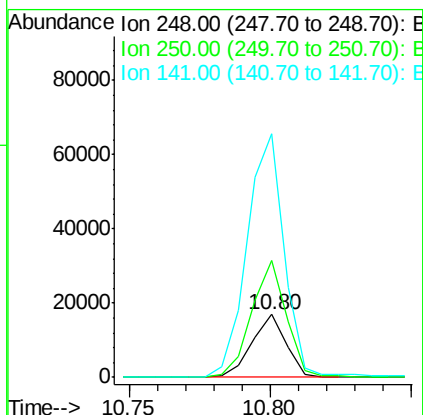
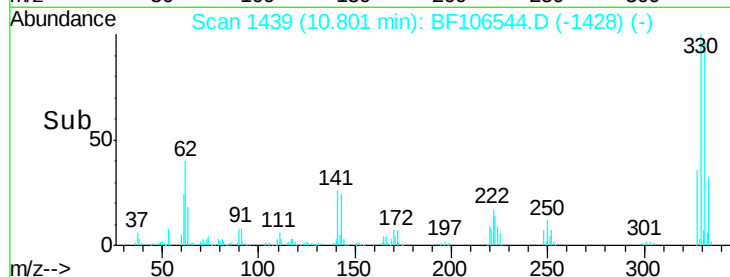
#66
 4-Bromophenyl-phenylether
 Concen: 4.385 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106544.D
 Acq: 18 Jun 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-S

Tgt Ion: 248 Resp: 14184
 Ion Ratio Lower Upper
 248 100
 250 185.6 76.9 115.3#
 141 385.9 74.4 111.6#

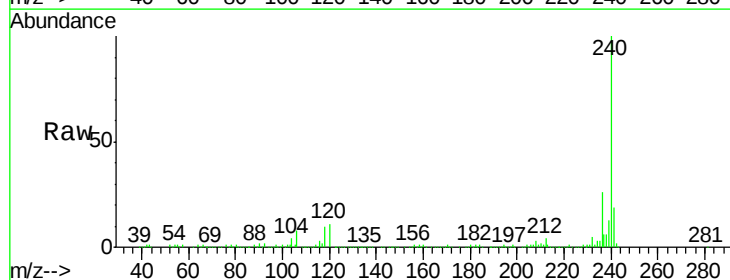


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

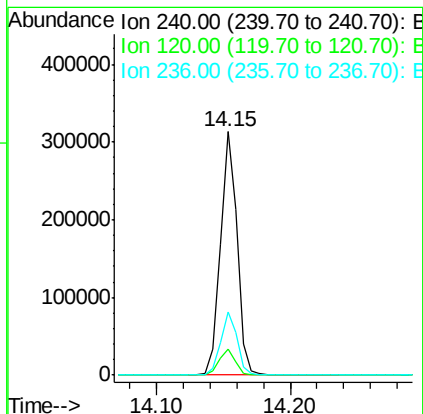
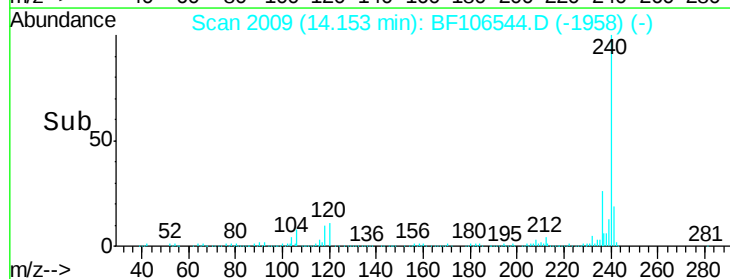


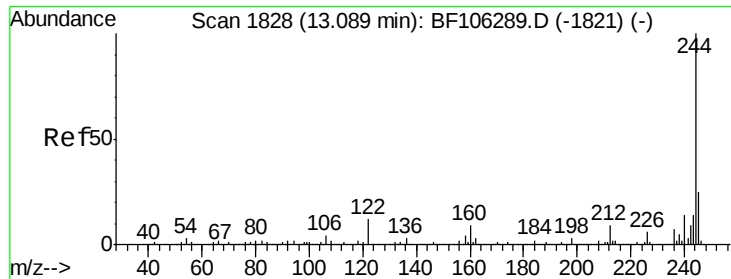
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF106544.D
 Acq: 18 Jun 2018 17:48

Tgt Ion: 240 Resp: 276922
 Ion Ratio Lower Upper
 240 100
 120 10.7 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

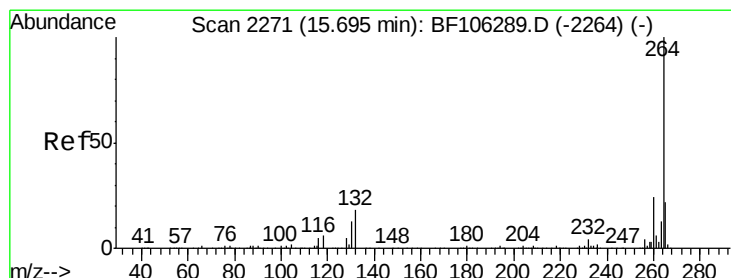
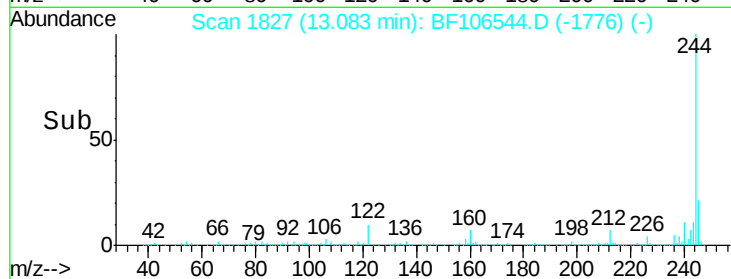
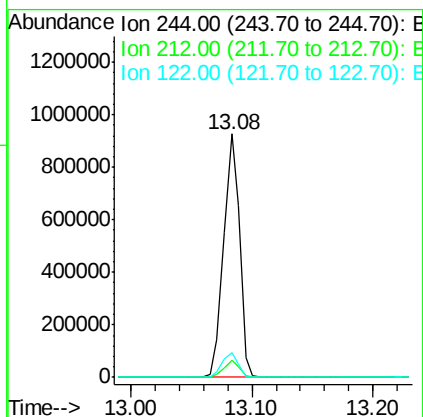
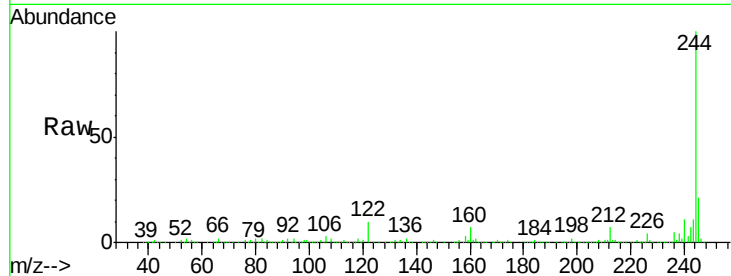




#78
 Terphenyl-d14
 Concen: 75.417 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF106544.D
 Acq: 18 Jun 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-S

Tgt Ion: 244 Resp: 840835
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. 0.02 min
 Lab File: BF106544.D
 Acq: 18 Jun 2018 17:48

Tgt Ion: 264 Resp: 283368
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.5 26.3

