

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106527.D
 Acq On : 18 Jun 2018 10:03
 Operator : JU/SJ
 Sample : PB110285BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BL

Quant Time: Jun 19 01:04:01 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

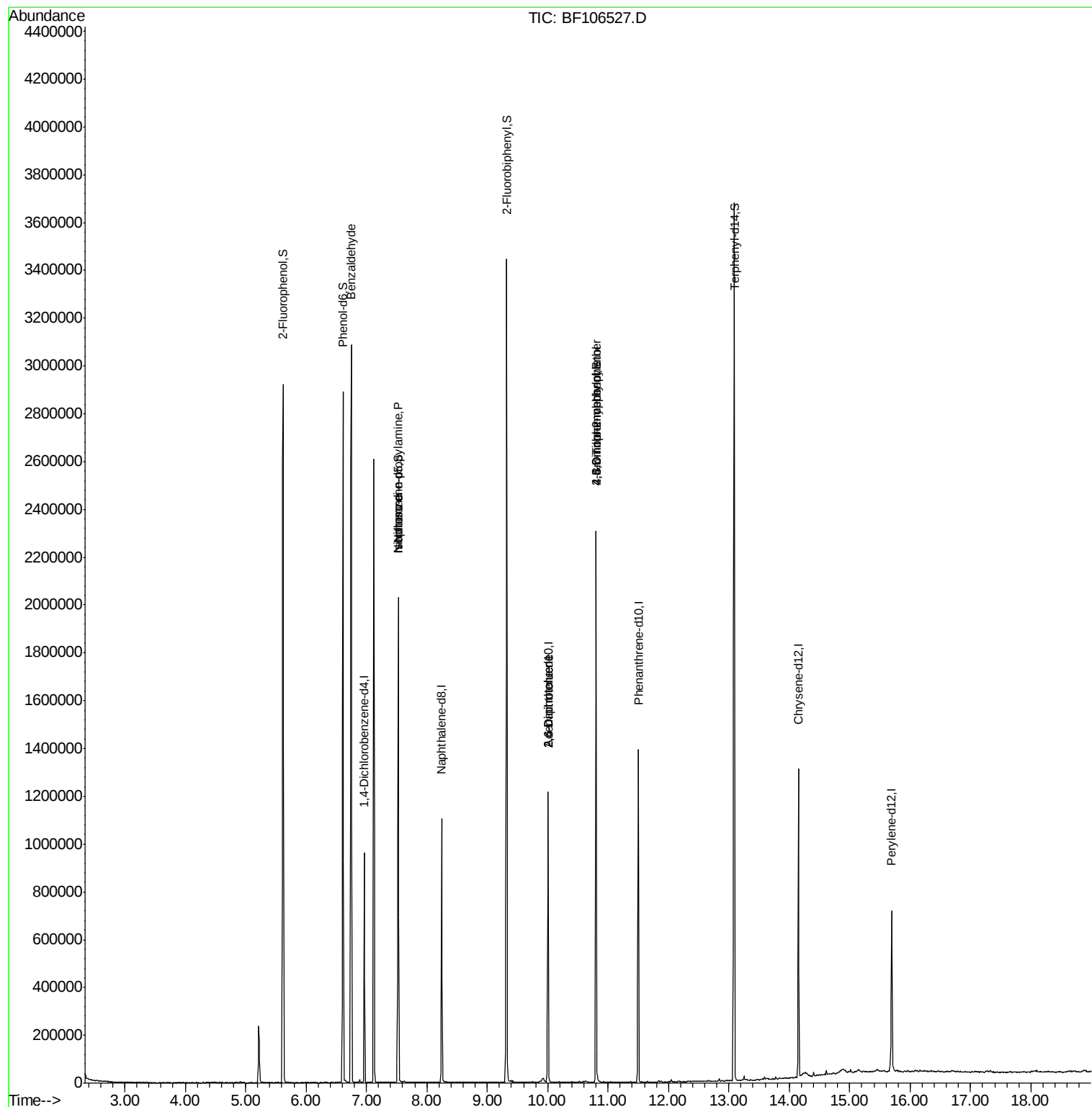
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	123351	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	471915	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	234171	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	494795	20.00	ng	0.00
75) Chrysene-d12	14.15	240	457281	20.00	ng	0.00
86) Perylene-d12	15.69	264	337443	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	858472	117.79	ng	0.00
7) Phenol-d6	6.61	99	1040809	113.04	ng	0.00
23) Nitrobenzene-d5	7.53	82	736818	91.85	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	357298	158.58	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1265881	102.15	ng	0.00
78) Terphenyl-d14	13.09	244	1576624	85.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	20031	2.868	ng	84
19) n-Nitroso-di-n-propylamine	7.53	70	97805	14.158	ng	# 75
25) Isophorone	7.53	82	736811	47.025	ng	# 64
50) 2,6-Dinitrotoluene	10.01	165	30178	8.831	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	30178	7.032	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	680	6.516	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	21996	3.909	ng	# 1

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

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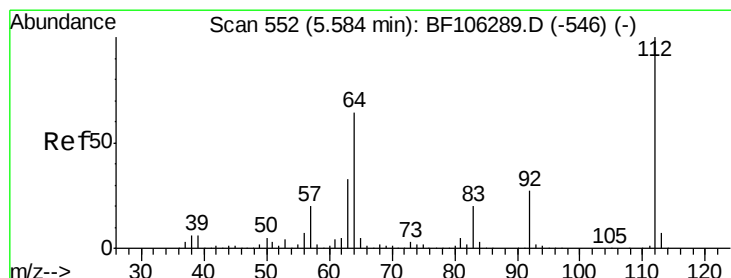
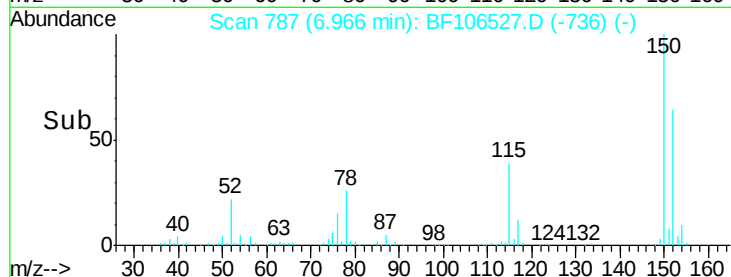
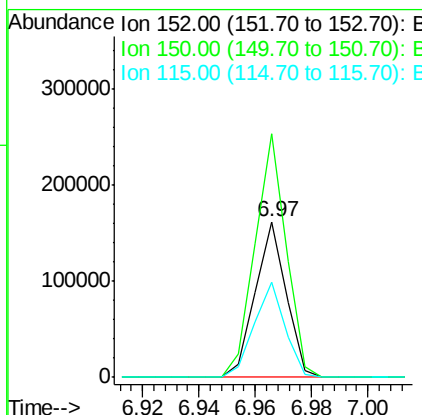
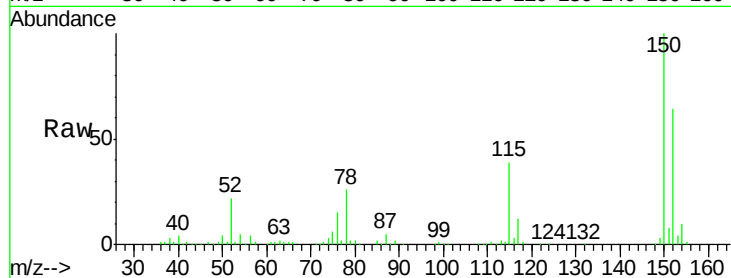




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106527.D
 Acq: 18 Jun 2018 10:03

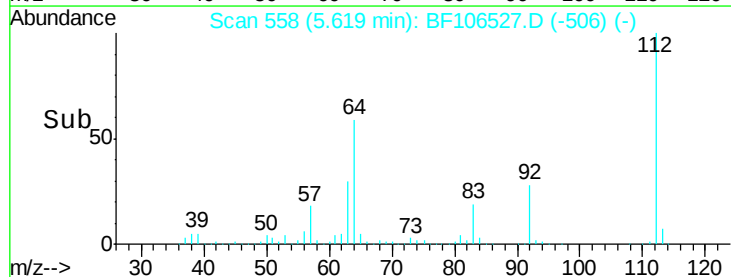
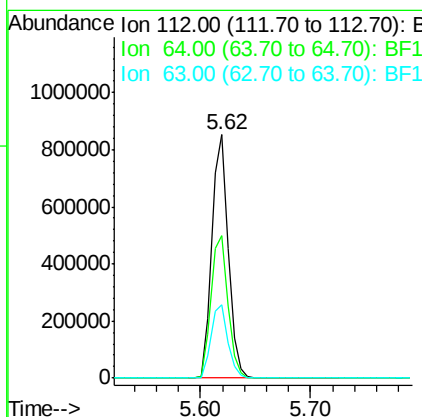
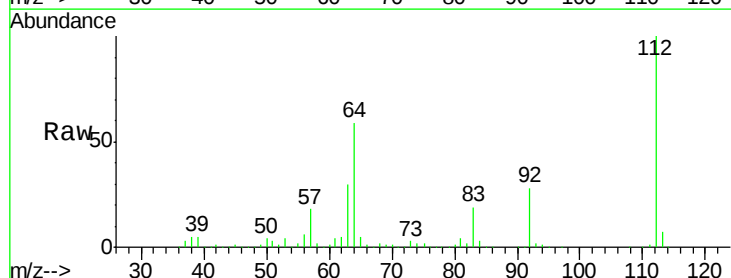
Instrument :
 BNA_F
 ClientSampleId :
 PB110285BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	61.2	50.1	75.1



#5
 2-Fluorophenol
 Concen: 117.791 ng
 RT: 5.62 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF106527.D
 Acq: 18 Jun 2018 10:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	30.0	23.7	35.5





#7

Phenol-d6

Concen: 113.035 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106527.D

Acq: 18 Jun 2018 10:03

Instrument :

BNA_F

ClientSampled :

PB110285BL

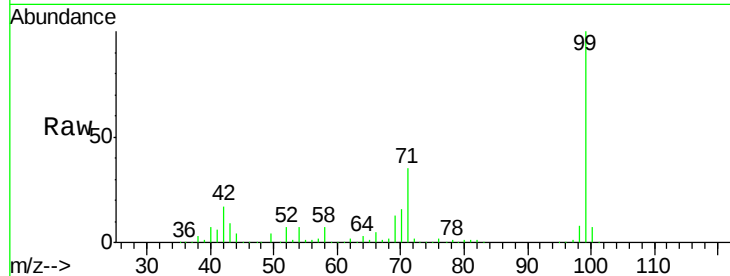
Tgt Ion: 99 Resp: 1040809

Ion Ratio Lower Upper

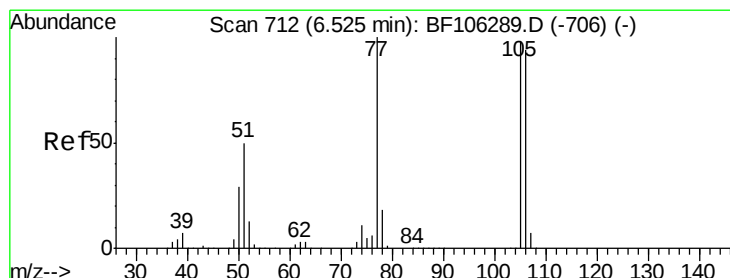
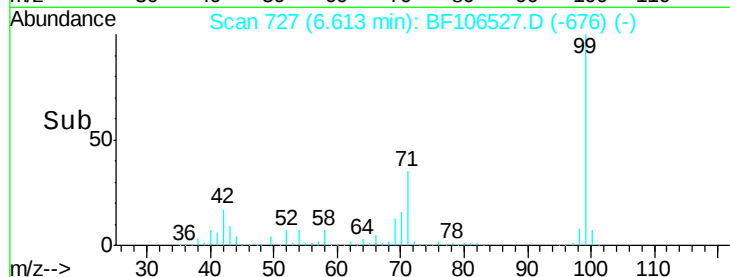
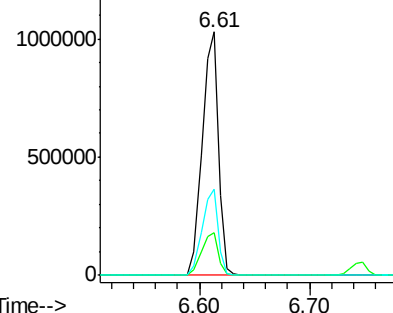
99 100

42 17.3 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: 2.868 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106527.D

Acq: 18 Jun 2018 10:03

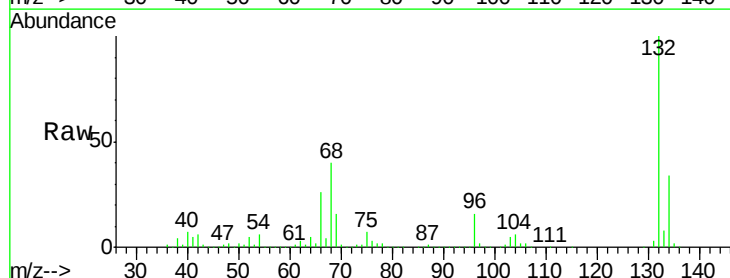
Tgt Ion: 77 Resp: 20031

Ion Ratio Lower Upper

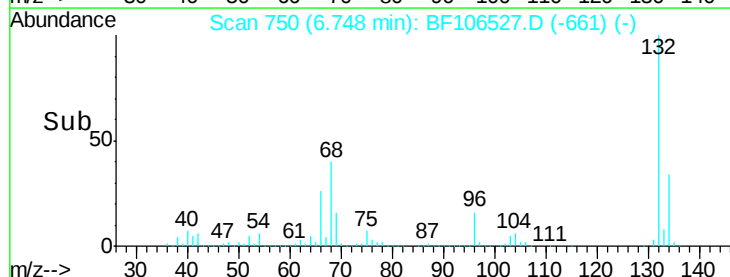
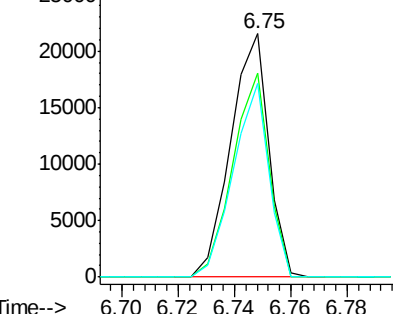
77 100

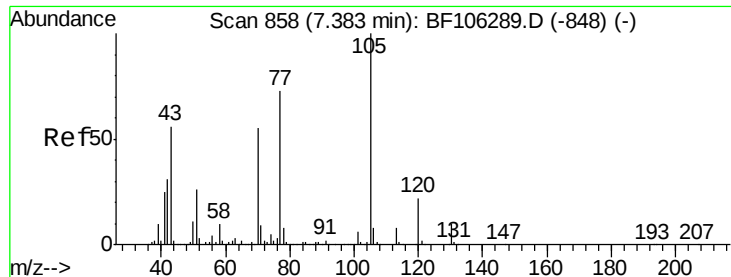
105 83.7 81.1 121.1

106 79.5 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

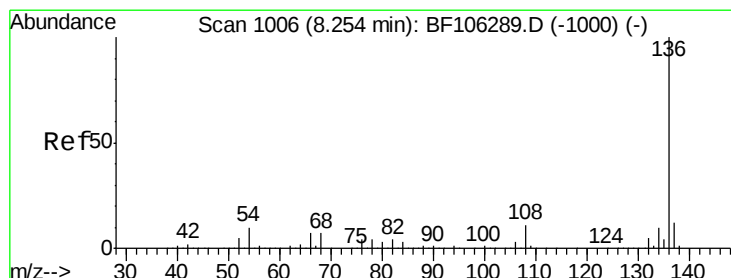
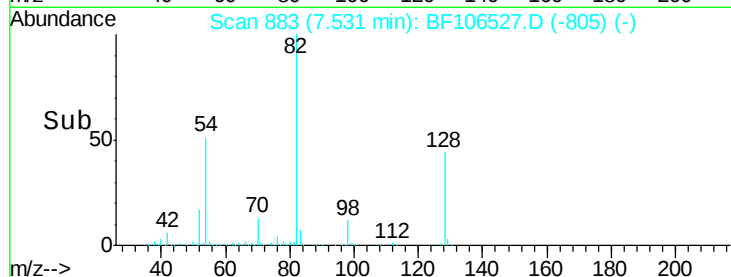
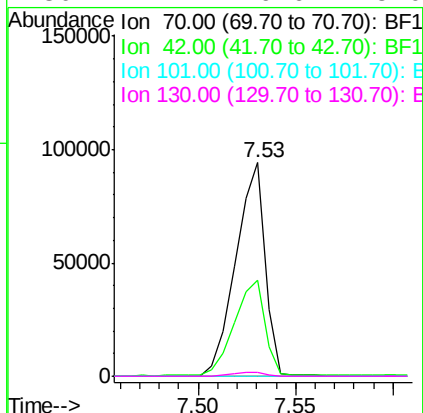
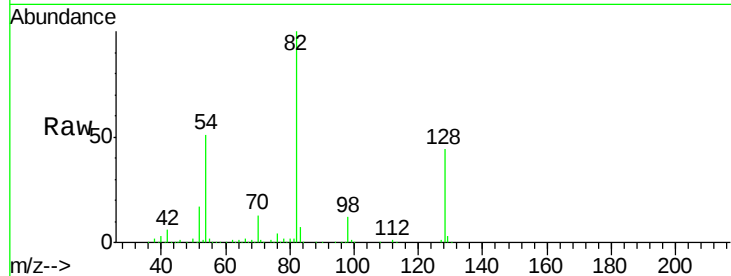




#19
n-Nitroso-di-n-propylamine
Concen: 14.158 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106527.D
Acq: 18 Jun 2018 10:03

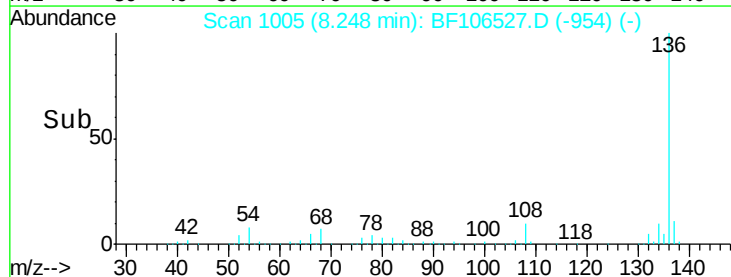
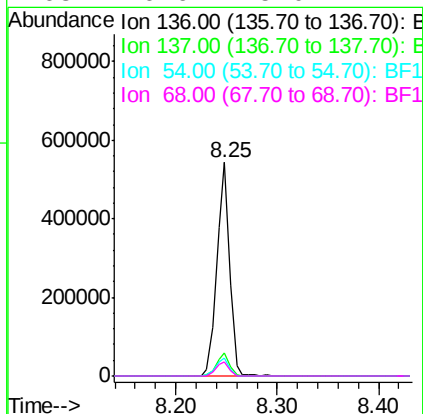
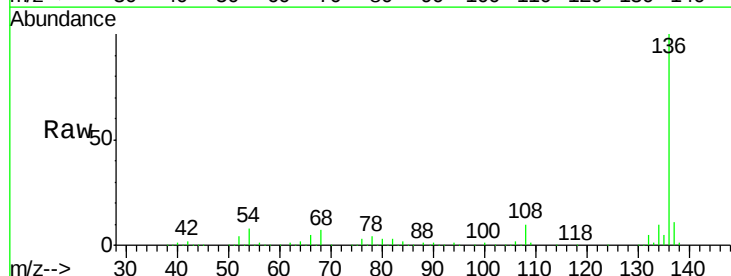
Instrument :
BNA_F
ClientSampleId :
PB110285BL

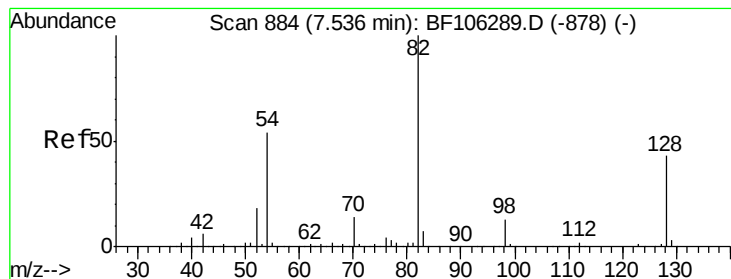
Tgt Ion: 70 Resp: 97805
Ion Ratio Lower Upper
70 100
42 45.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106527.D
Acq: 18 Jun 2018 10:03

Tgt Ion: 136 Resp: 471915
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.3 6.6 9.8
68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 91.851 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106527.D

Acq: 18 Jun 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110285BL

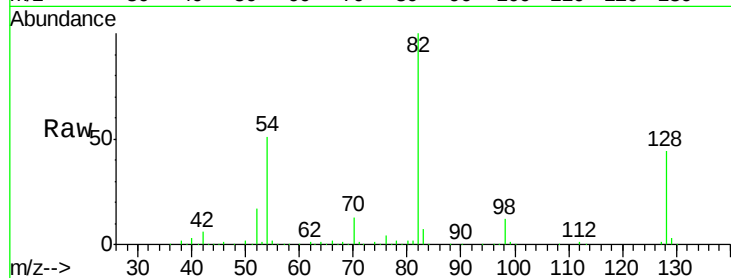
Tgt Ion: 82 Resp: 736818

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

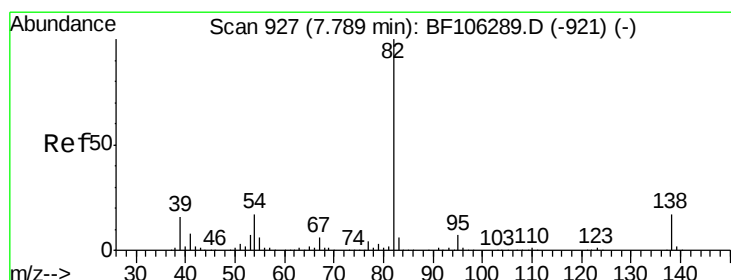
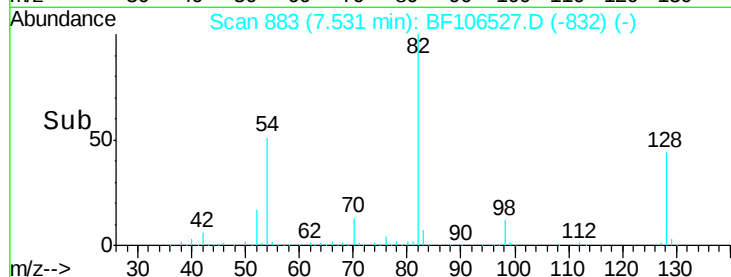
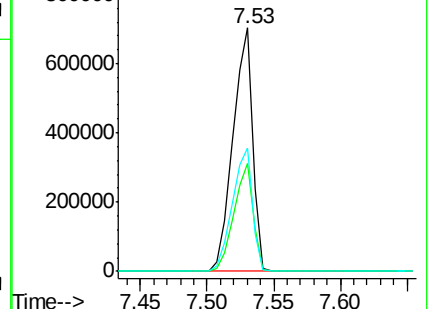
54 50.6 41.4 62.2



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: 47.025 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106527.D

Acq: 18 Jun 2018 10:03

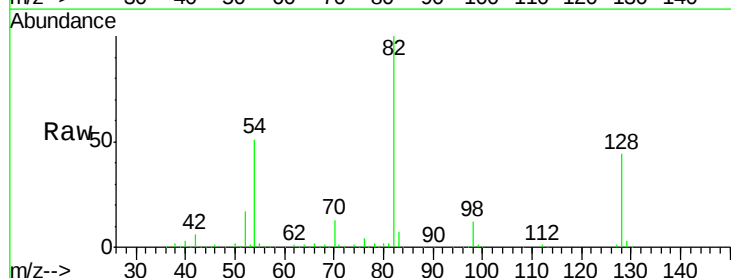
Tgt Ion: 82 Resp: 736811

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

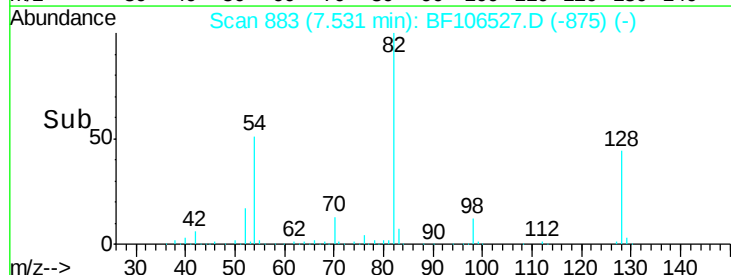
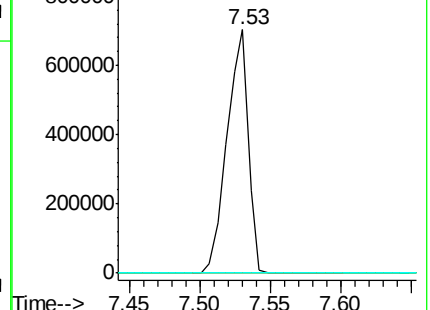
138 0.0 14.9 22.3#

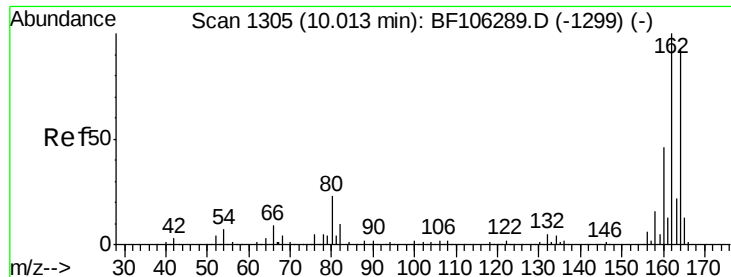


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF106527.D

Acq: 18 Jun 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110285BL

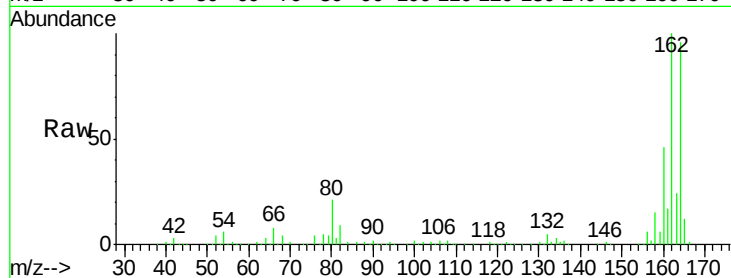
Tgt Ion:164 Resp: 234171

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

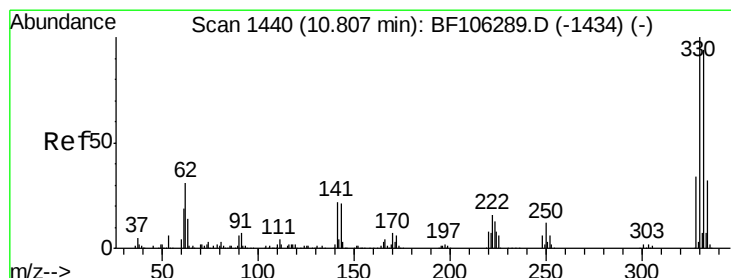
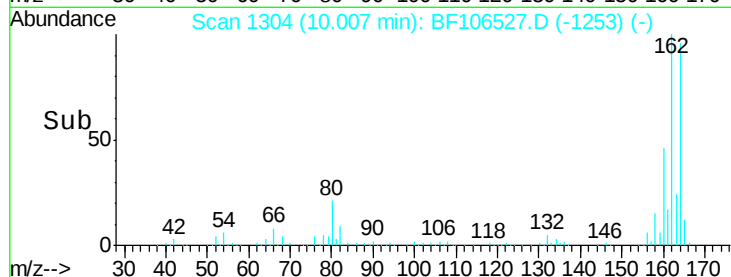
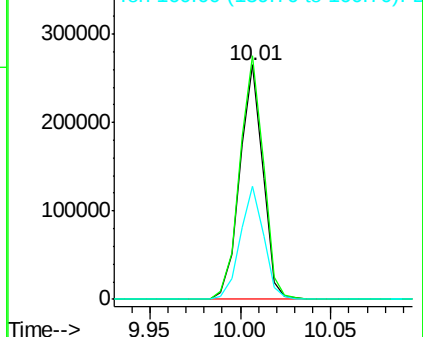
160 48.1 38.3 57.5



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: 158.578 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106527.D

Acq: 18 Jun 2018 10:03

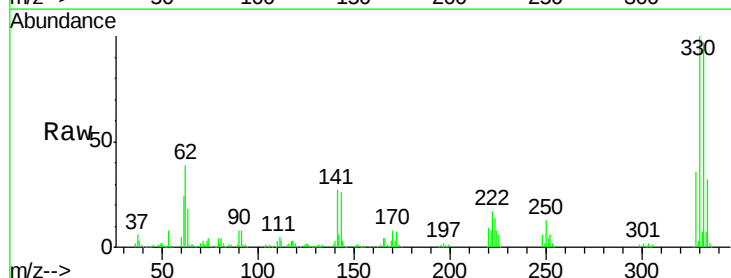
Tgt Ion:330 Resp: 357298

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

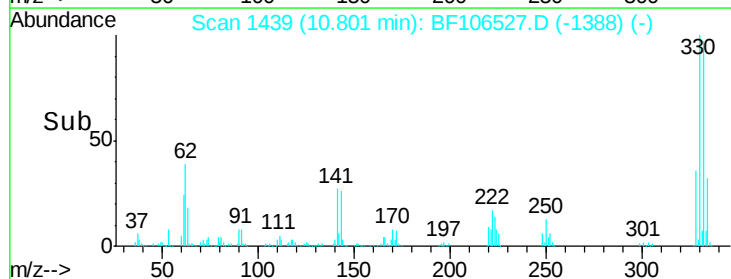
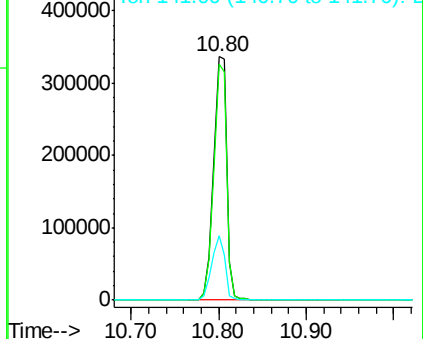
141 26.5 29.9 44.9#

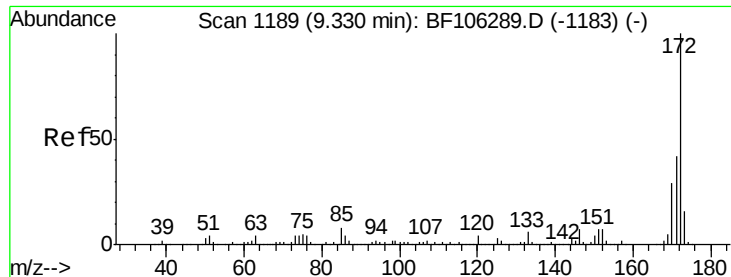


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

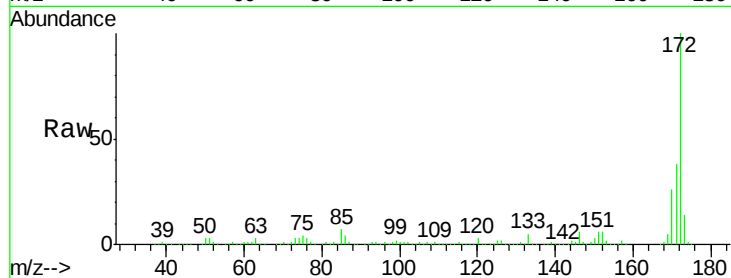




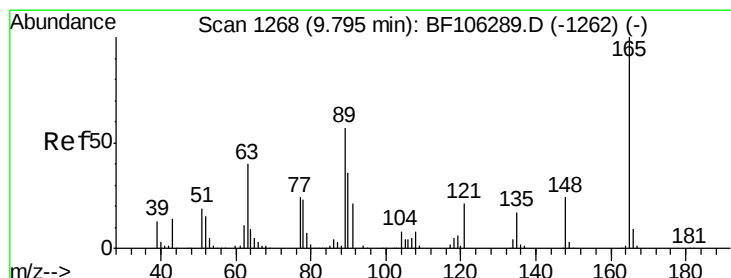
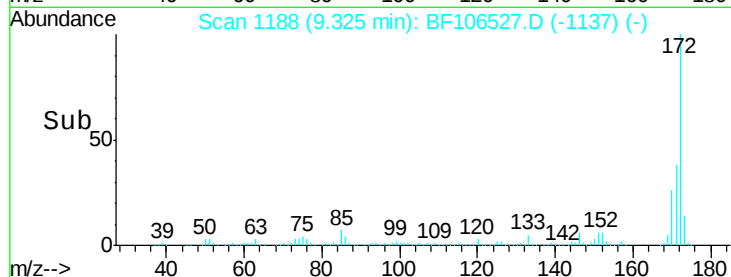
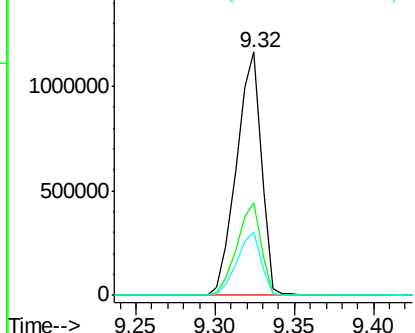
#44
 2-Fluorobiphenyl
 Concen: 102.153 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106527.D
 Acq: 18 Jun 2018 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BL

Tgt Ion:172 Resp: 1265881
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.7 44.5
 170 26.0 19.6 29.4

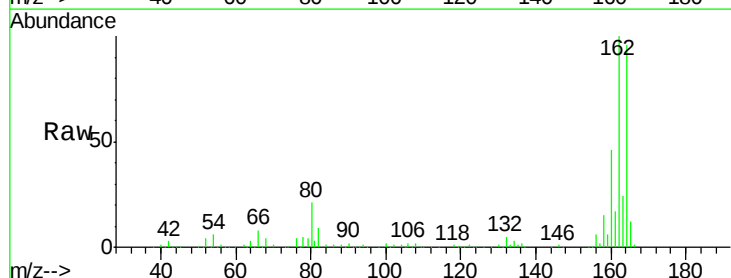


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

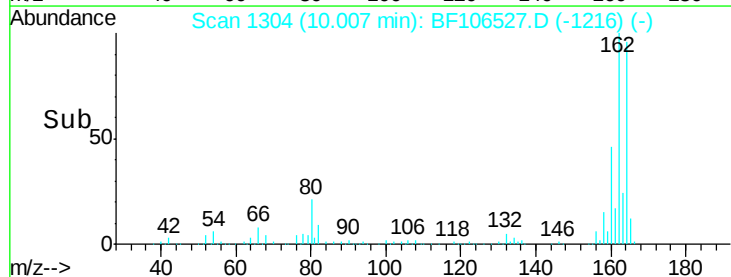
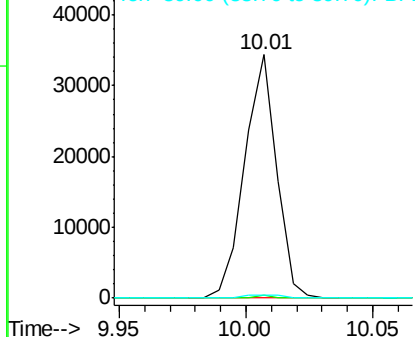


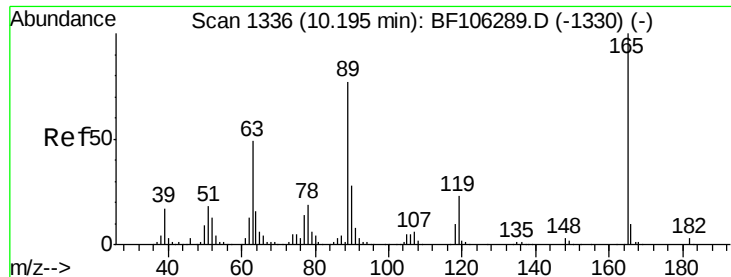
#50
 2,6-Dinitrotoluene
 Concen: 8.831 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.22 min
 Lab File: BF106527.D
 Acq: 18 Jun 2018 10:03

Tgt Ion:165 Resp: 30178
 Ion Ratio Lower Upper
 165 100
 63 1.0 44.7 67.1#
 89 1.3 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

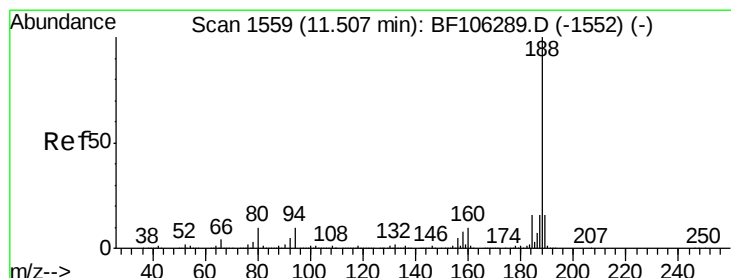
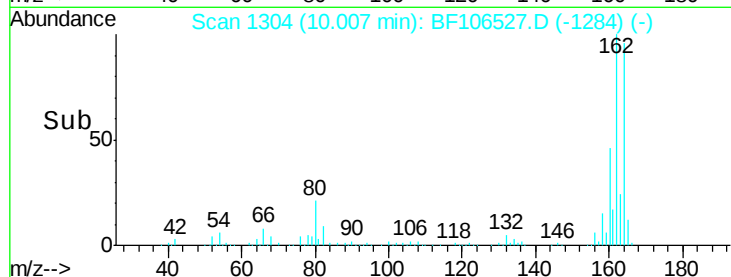
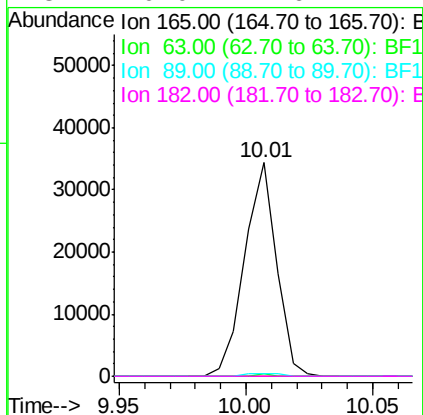
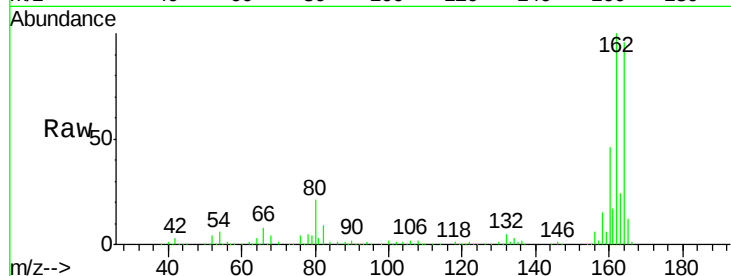




#56
 2,4-Dinitrotoluene
 Concen: 7.032 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106527.D
 Acq: 18 Jun 2018 10:03

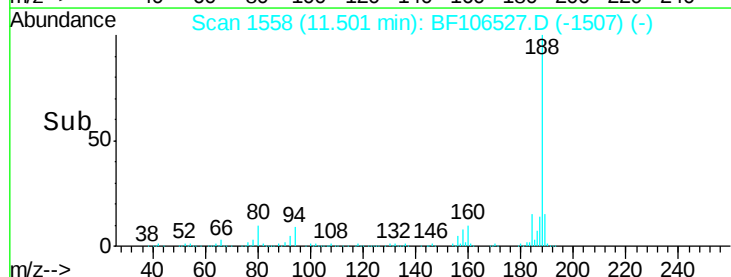
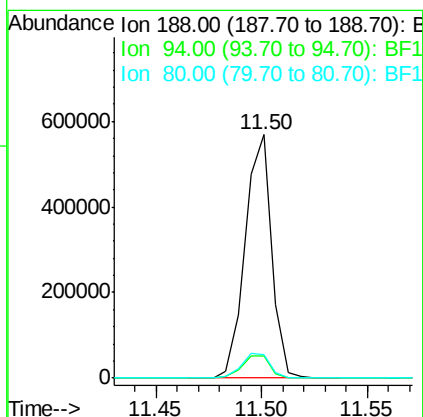
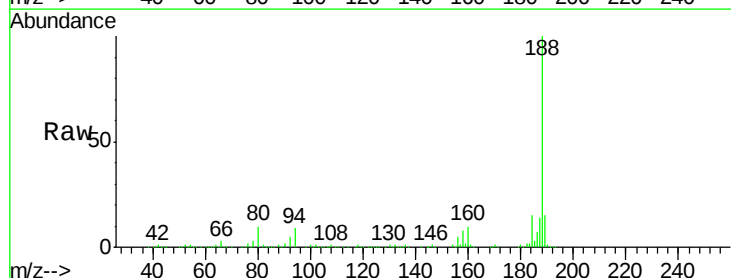
Instrument :
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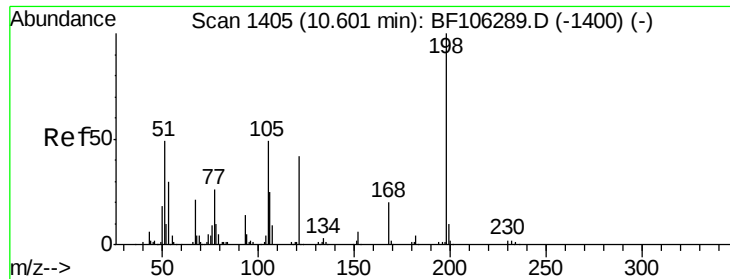
Tgt Ion:	165	Resp:	30178
Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF106527.D
 Acq: 18 Jun 2018 10:03

Tgt Ion:	188	Resp:	494795
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.8	9.2	13.8

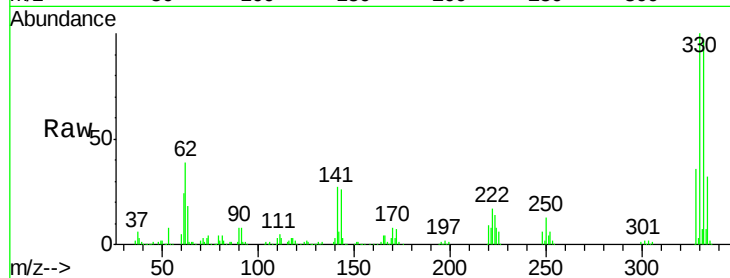




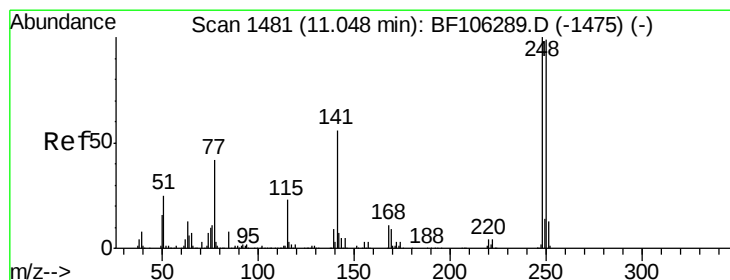
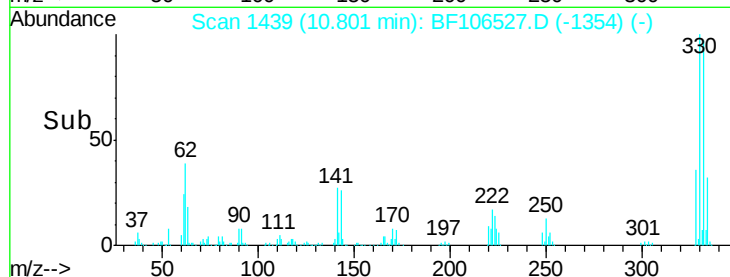
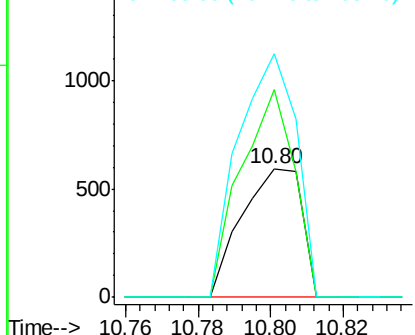
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.516 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106527.D
 Acq: 18 Jun 2018 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BL

Tgt Ion:198 Resp: 680
 Ion Ratio Lower Upper
 198 100
 51 161.2 37.7 77.7#
 105 189.4 36.3 76.3#

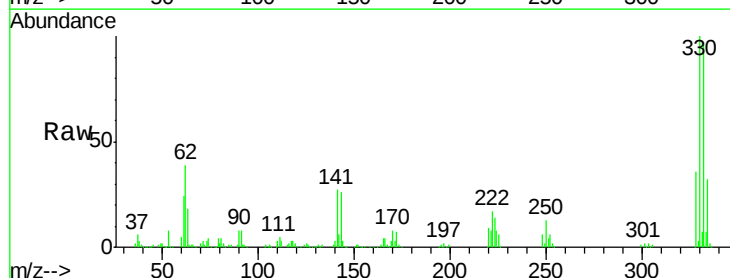


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

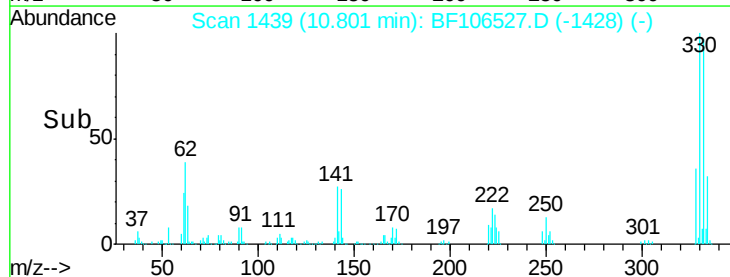
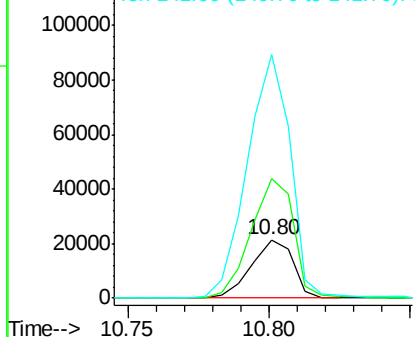


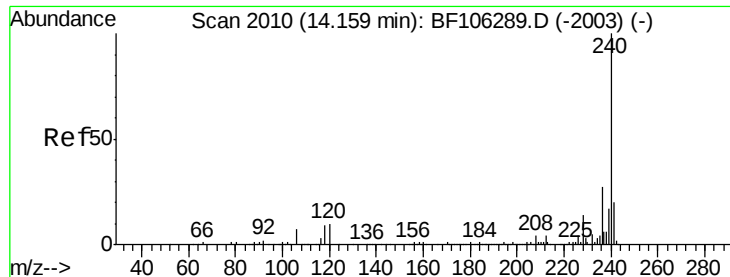
#66
 4-Bromophenyl-phenylether
 Concen: 3.909 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106527.D
 Acq: 18 Jun 2018 10:03

Tgt Ion:248 Resp: 21996
 Ion Ratio Lower Upper
 248 100
 250 204.6 76.9 115.3#
 141 417.4 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: BF106527.D

Acq: 18 Jun 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110285BL

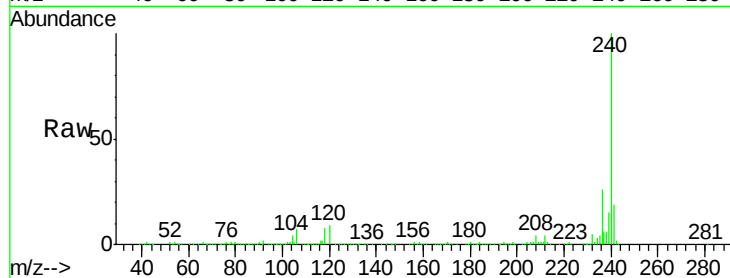
Tgt Ion:240 Resp: 457281

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

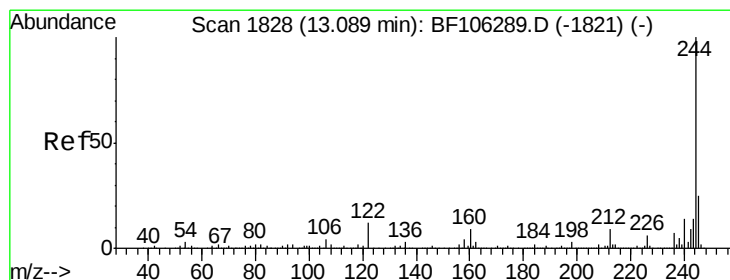
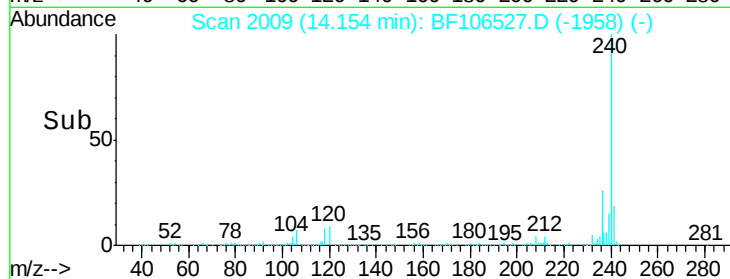
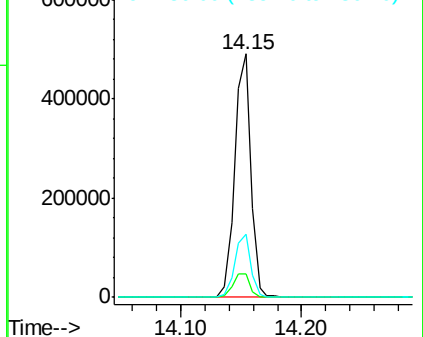
236 26.1 20.7 31.1



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: 85.636 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106527.D

Acq: 18 Jun 2018 10:03

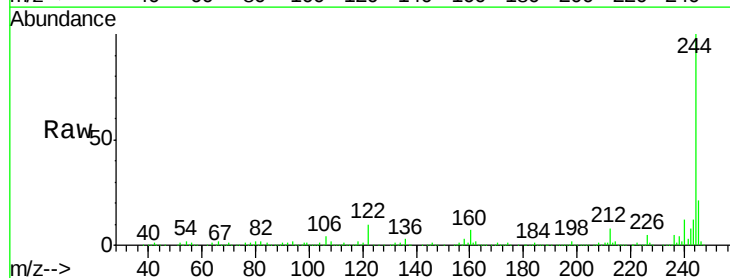
Tgt Ion:244 Resp: 1576624

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

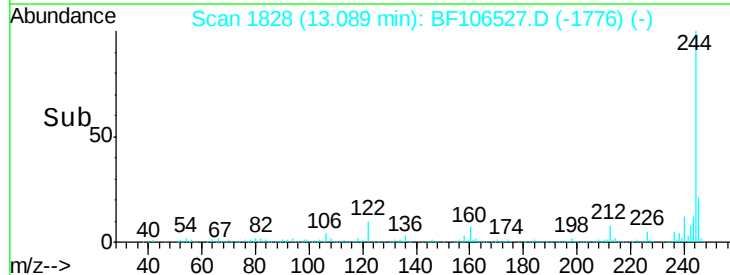
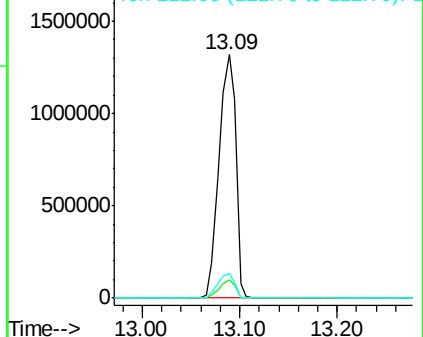
122 10.0 11.0 16.4#

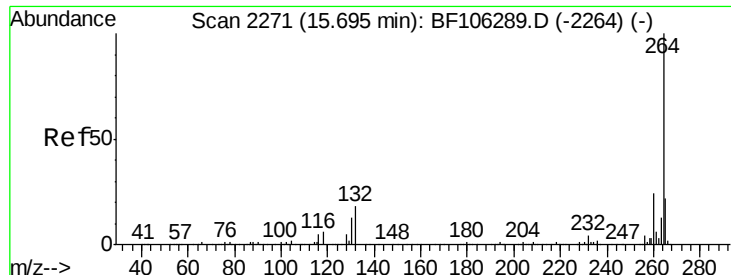


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

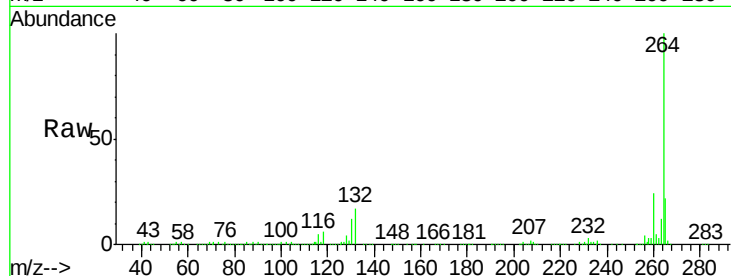




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106527.D
Acq: 18 Jun 2018 10:03

Instrument :
BNA_F
ClientSampleId :
PB110285BL

Tgt Ion: 264 Resp: 337443
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.8 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

