

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106313.D
 Acq On : 11 Jun 2018 23:36
 Operator : JU/SJ
 Sample : J3422-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Jun 12 01:46:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

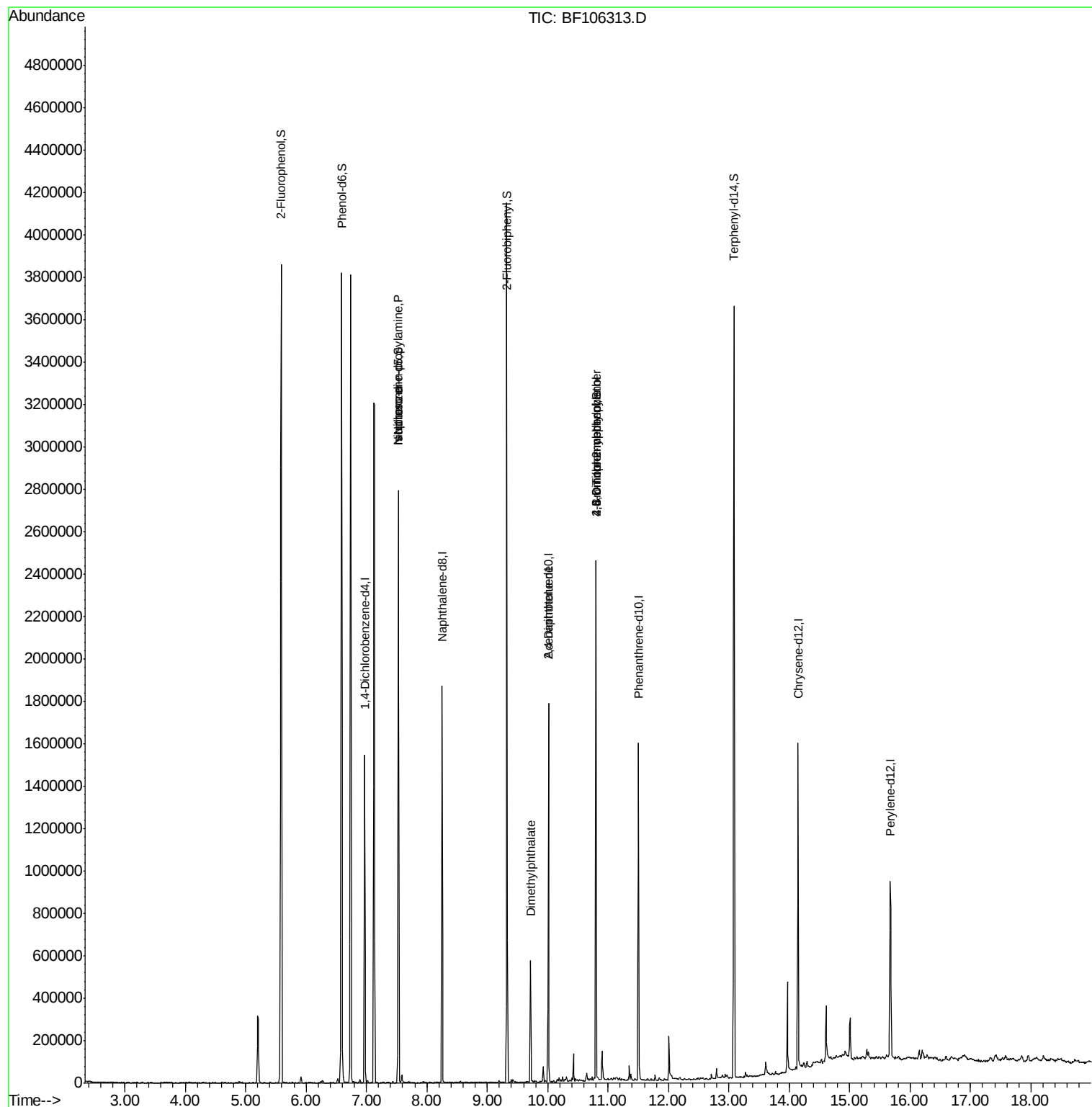
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	201522	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	720574	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	314325	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	511007	20.00	ng	0.00
75) Chrysene-d12	14.14	240	503050	20.00	ng	-0.02
86) Perylene-d12	15.67	264	391354	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1099753	92.36	ng	0.00
7) Phenol-d6	6.59	99	1367160	90.88	ng	0.00
23) Nitrobenzene-d5	7.53	82	885737	72.31	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	301476	99.68	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1301583	69.15	ng	0.00
78) Terphenyl-d14	13.08	244	1192473	58.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	123022	10.901	ng	# 76
25) Isophorone	7.53	82	885721	37.021	ng	# 64
49) Dimethylphthalate	9.72	163	214181	9.537	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	40921	7.104	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	608	6.486	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20351	3.501	ng	# 1

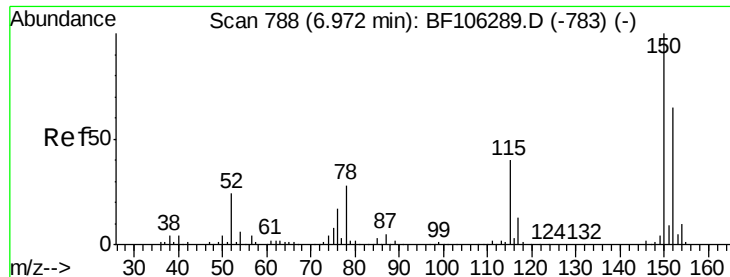
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
Data File : BF106313.D
Acq On : 11 Jun 2018 23:36
Operator : JU/SJ
Sample : J3422-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Time: Jun 12 01:46:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration



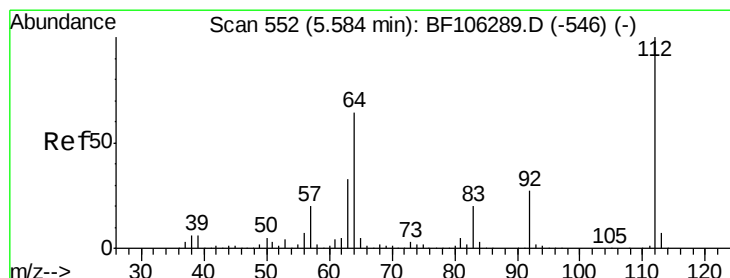
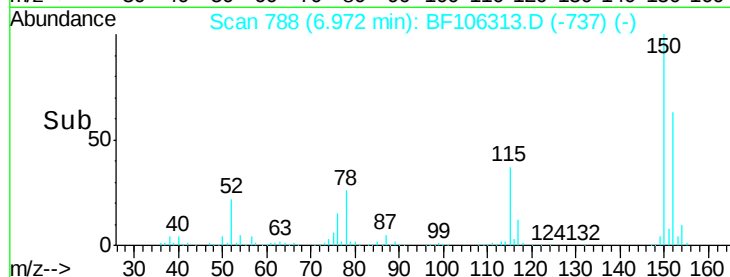
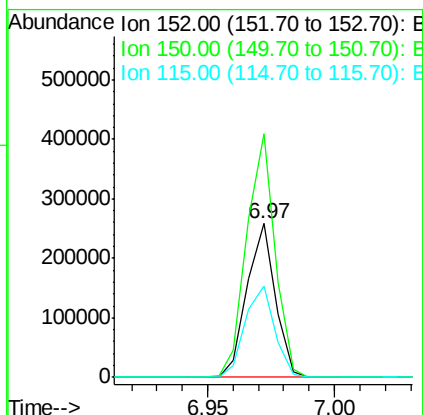
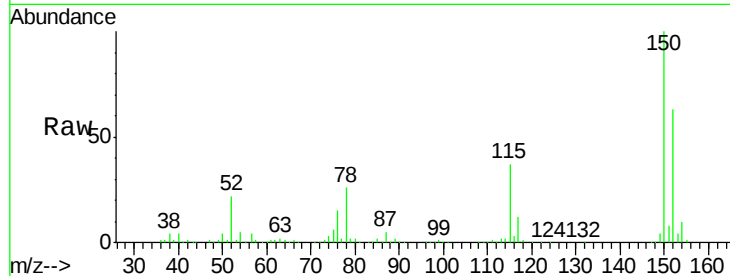


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106313.D
Acq: 11 Jun 2018 23:36

Instrument :
BNA_F
ClientSampled :
SP-1

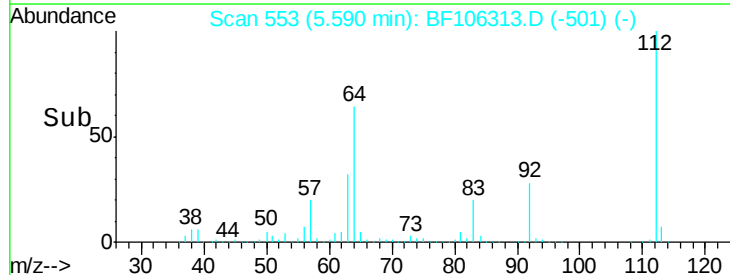
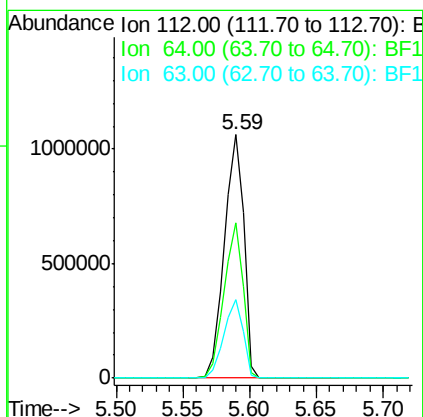
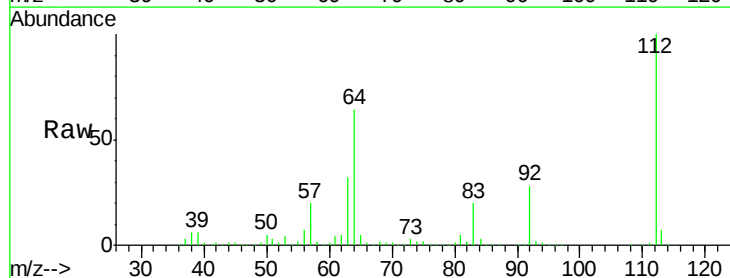
Tgt Ion:152 Resp: 201522
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 59.0 50.1 75.1

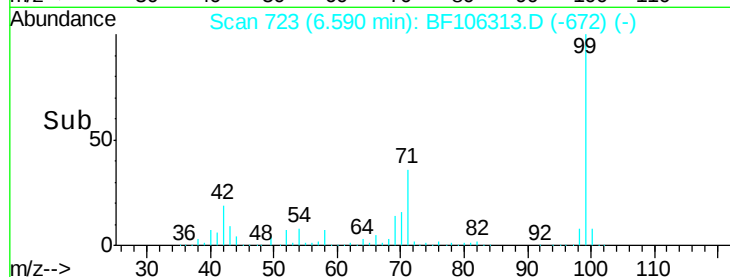
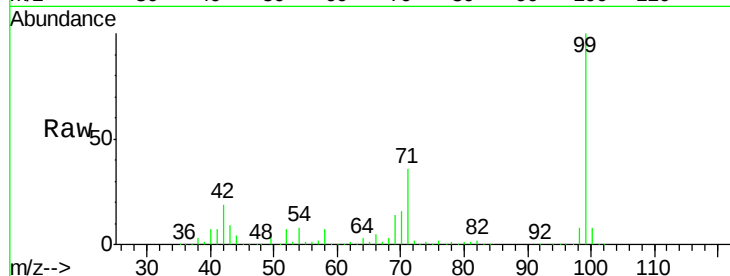
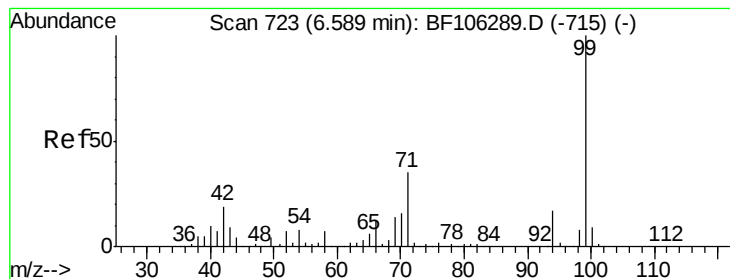


#5

2-Fluorophenol
Concen: 92.364 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106313.D
Acq: 11 Jun 2018 23:36

Tgt Ion:112 Resp: 1099753
Ion Ratio Lower Upper
112 100
64 63.8 47.9 71.9
63 32.2 23.7 35.5





#7

Phenol-d6

Concen: 90.883 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106313.D

Acq: 11 Jun 2018 23:36

Instrument :

BNA_F

ClientSampleId :

SP-1

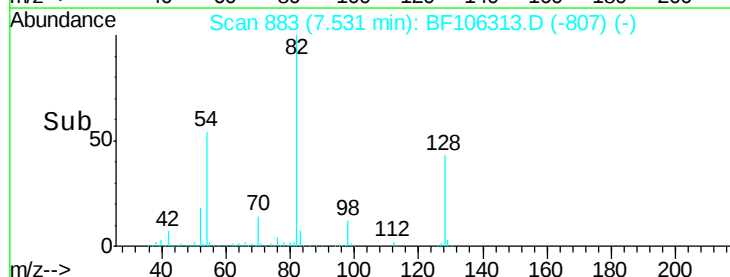
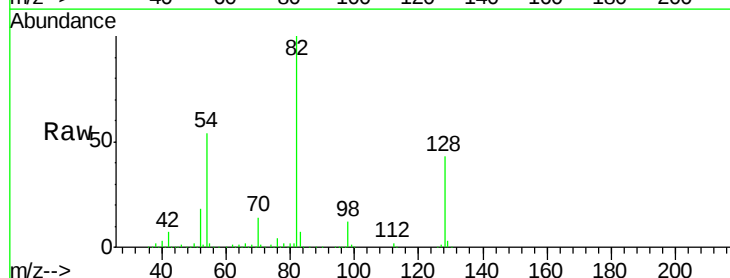
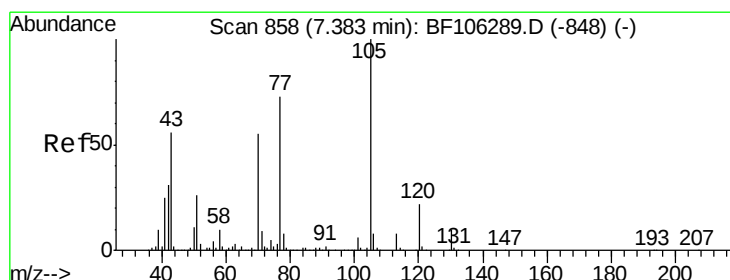
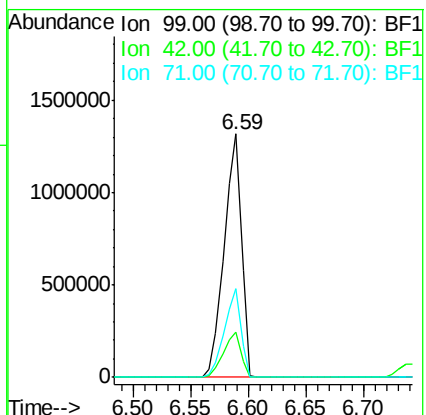
Tgt Ion: 99 Resp: 1367160

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

71 36.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.901 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106313.D

Acq: 11 Jun 2018 23:36

Tgt Ion: 70 Resp: 123022

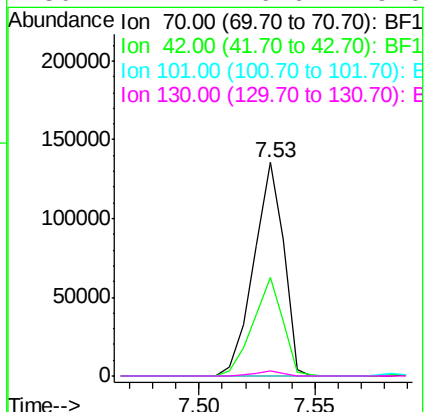
Ion Ratio Lower Upper

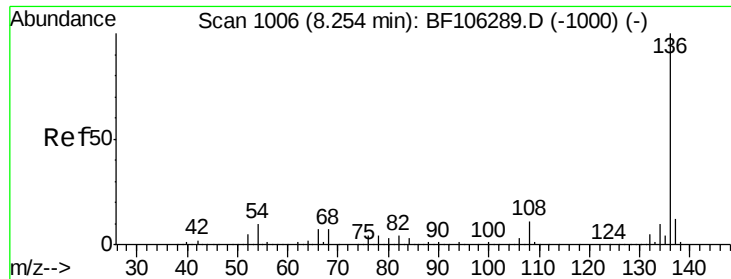
70 100

42 46.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

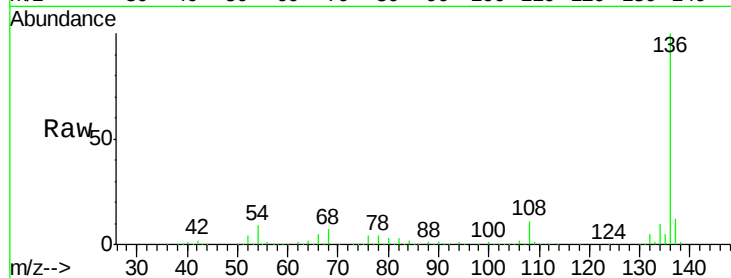




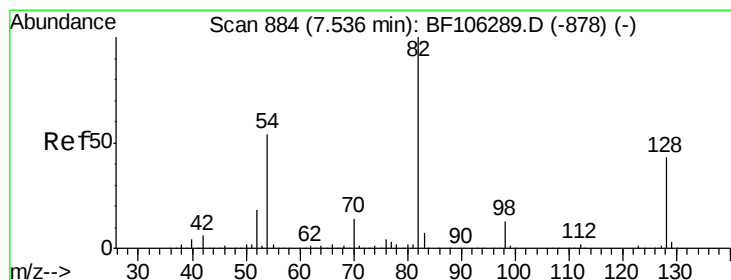
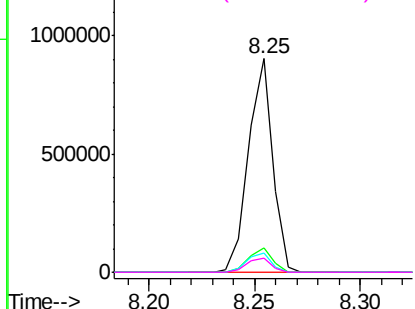
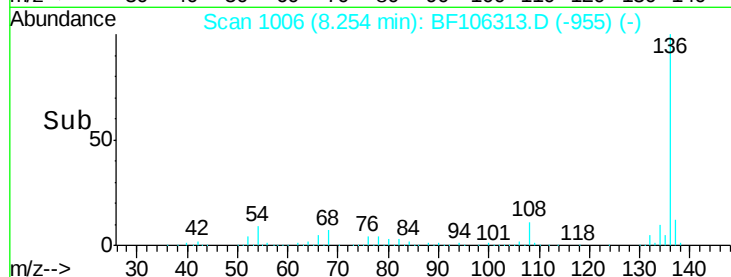
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106313.D
Acq: 11 Jun 2018 23:36

Instrument :
BNA_F
ClientSampled :
SP-1

Tgt Ion: 136 Resp: 720574
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.8 6.6 9.8
68 6.8 5.0 7.4

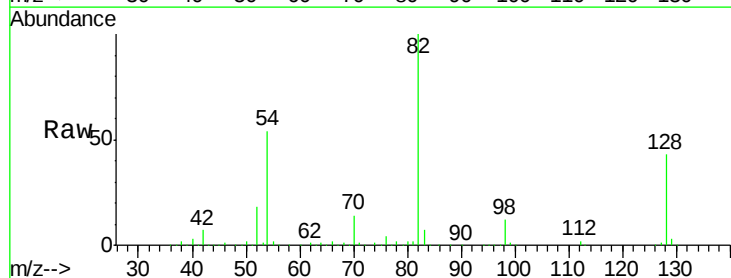


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

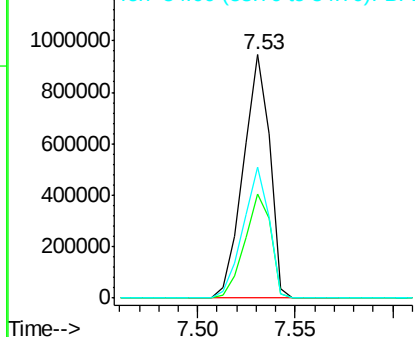
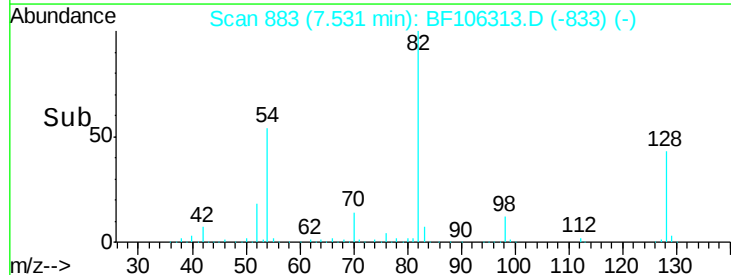


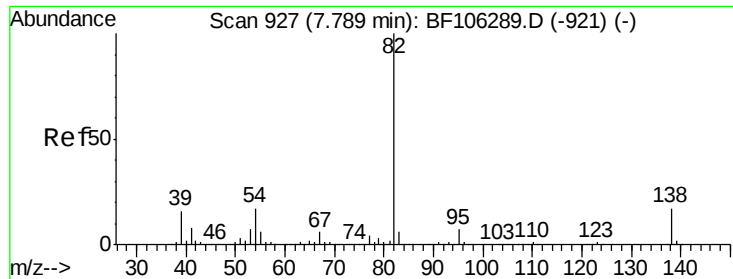
#23
Nitrobenzene-d5
Concen: 72.313 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106313.D
Acq: 11 Jun 2018 23:36

Tgt Ion: 82 Resp: 885737
Ion Ratio Lower Upper
82 100
128 42.9 36.1 54.1
54 53.6 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: 37.021 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106313.D

Acq: 11 Jun 2018 23:36

Instrument :

BNA_F

ClientSampleId :

SP-1

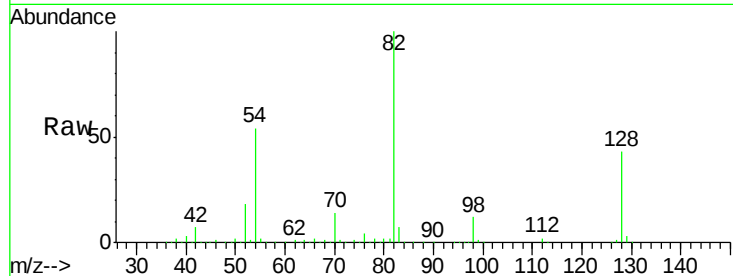
Tgt Ion: 82 Resp: 885721

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

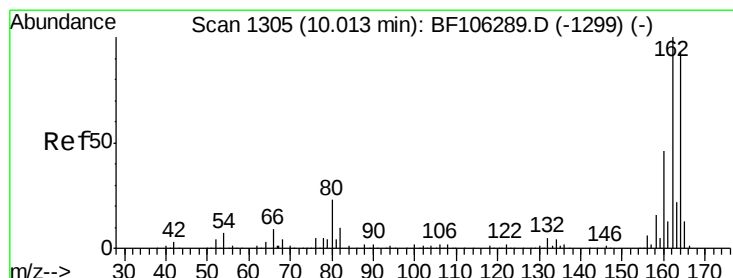
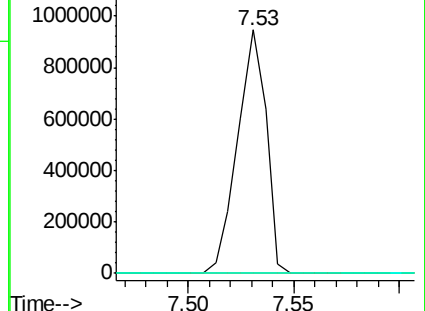
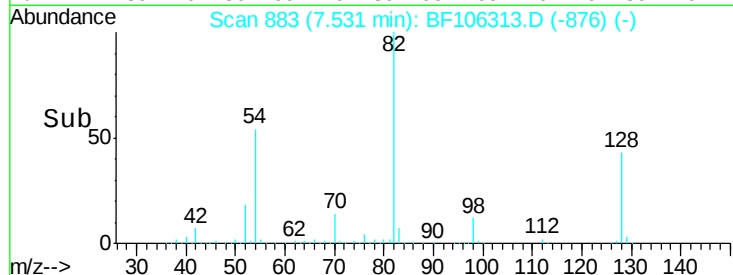
138 0.0 14.9 22.3#



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# 1305

Delta R.T. 0.00 min

Lab File: BF106313.D

Acq: 11 Jun 2018 23:36

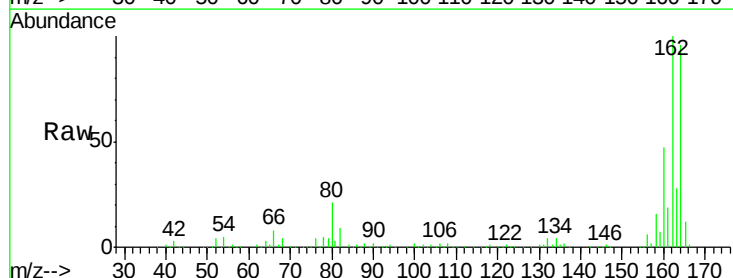
Tgt Ion: 164 Resp: 314325

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

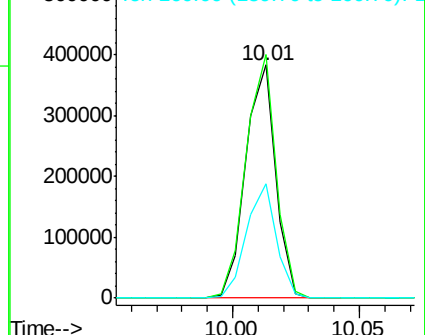
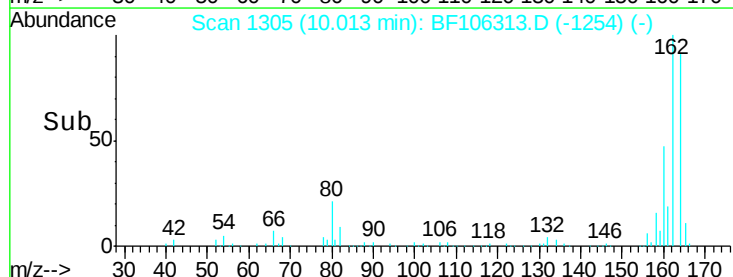
160 48.7 38.3 57.5

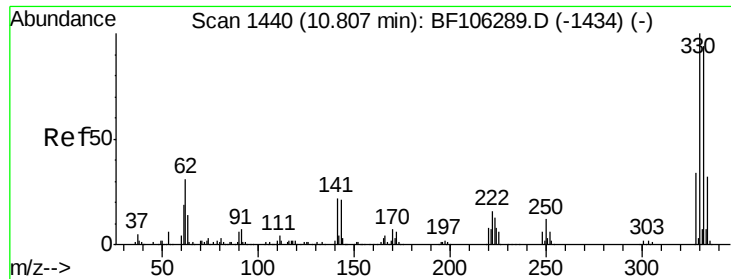


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

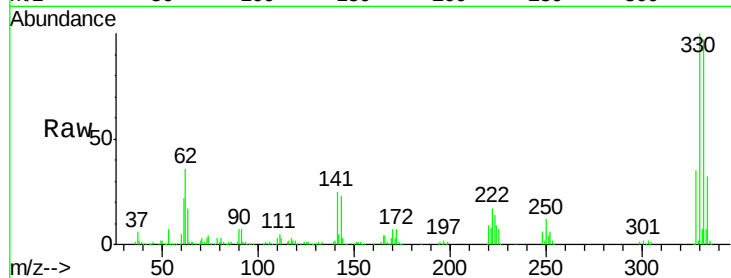




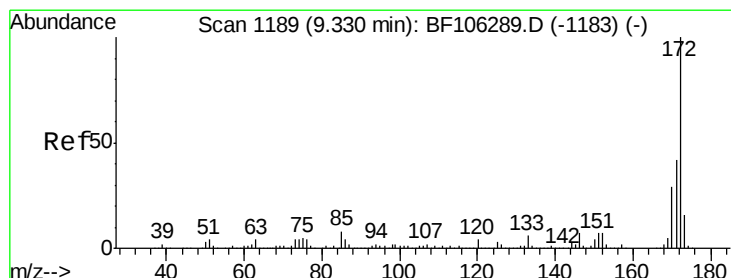
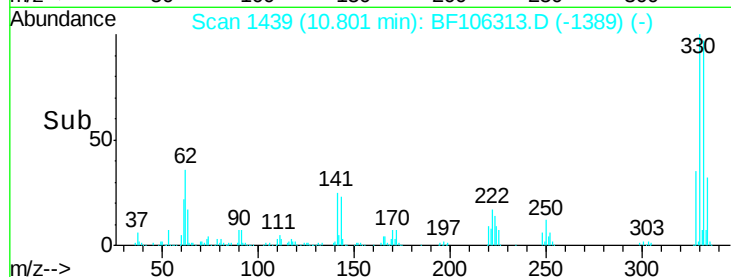
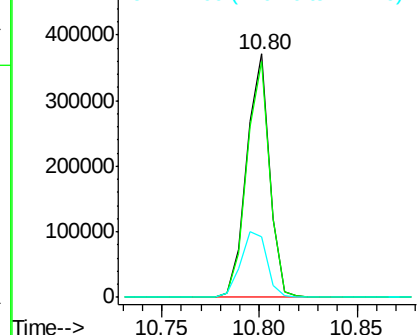
#41
 2,4,6-Tribromophenol
 Concen: 99.683 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106313.D
 Acq: 11 Jun 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:330 Resp: 301476
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 30.6 29.9 44.9

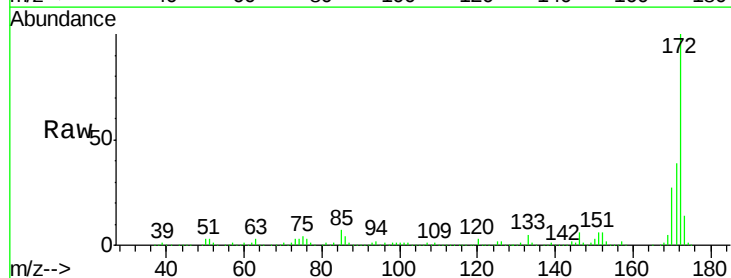


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

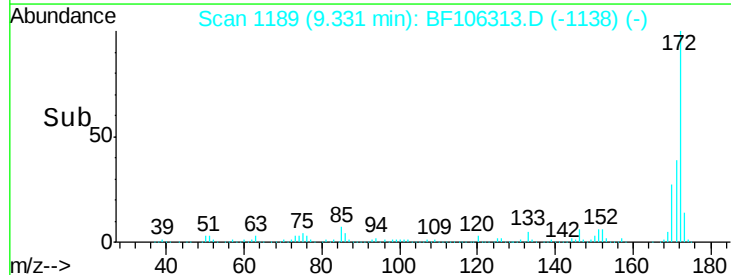
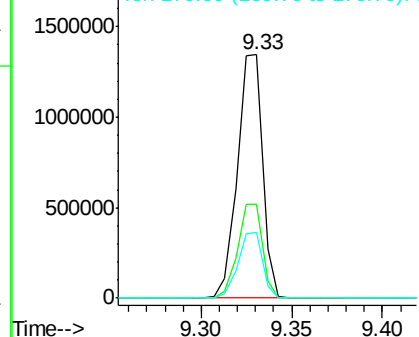


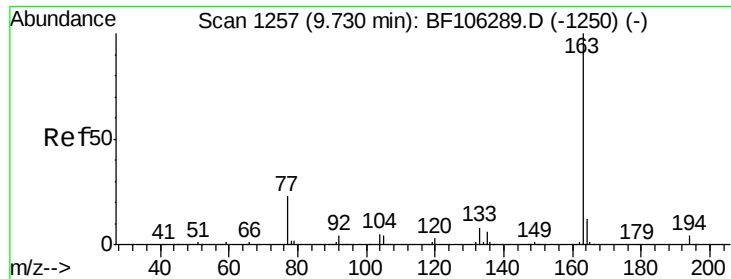
#44
 2-Fluorobiphenyl
 Concen: 69.149 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106313.D
 Acq: 11 Jun 2018 23:36

Tgt Ion:172 Resp: 1301583
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.7 44.5
 170 27.0 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

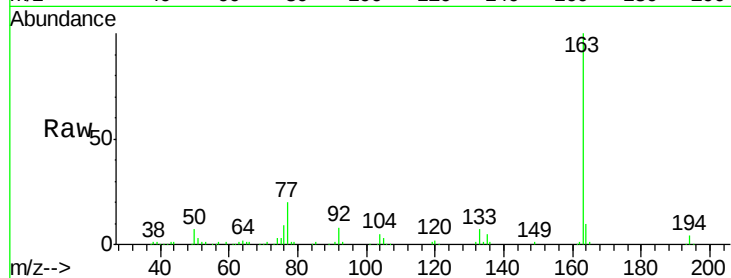




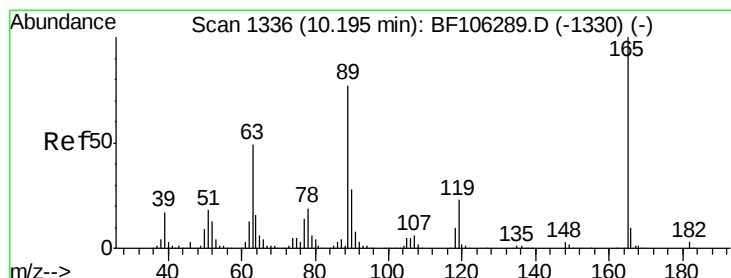
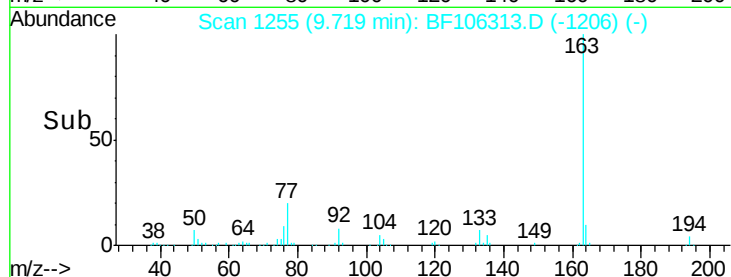
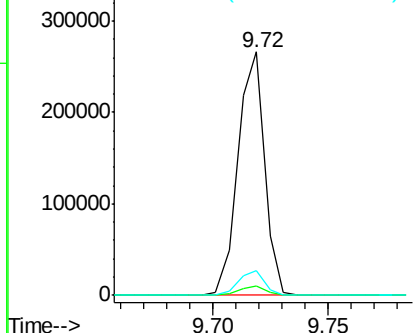
#49
Dimethylphthalate
Concen: 9.537 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106313.D
Acq: 11 Jun 2018 23:36

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:163 Resp: 214181
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.1 8.2 12.2

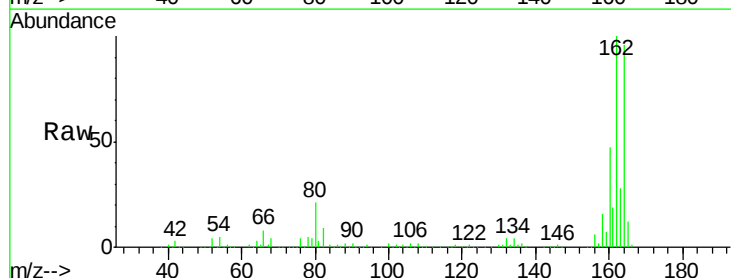


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

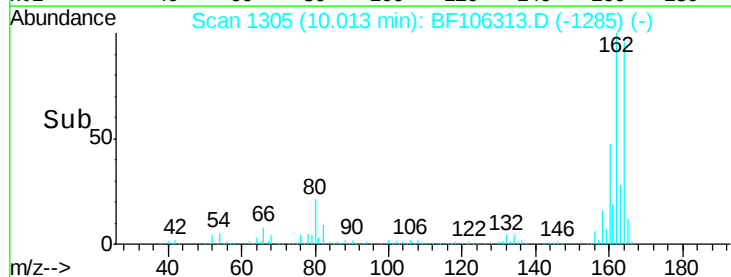
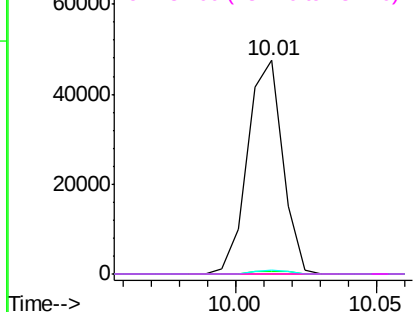


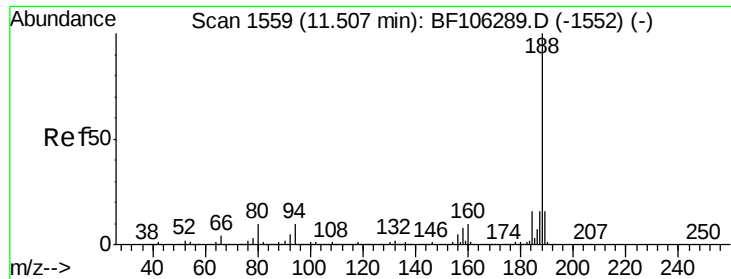
#56
2,4-Dinitrotoluene
Concen: 7.104 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106313.D
Acq: 11 Jun 2018 23:36

Tgt Ion:165 Resp: 40921
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#



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

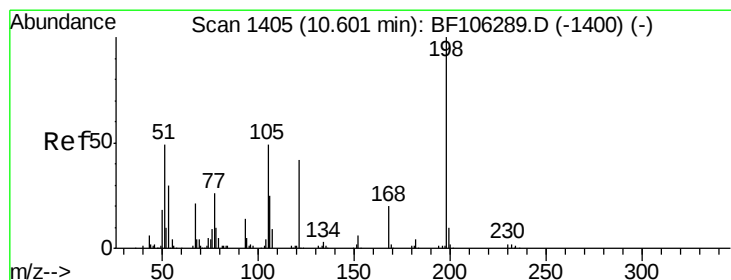
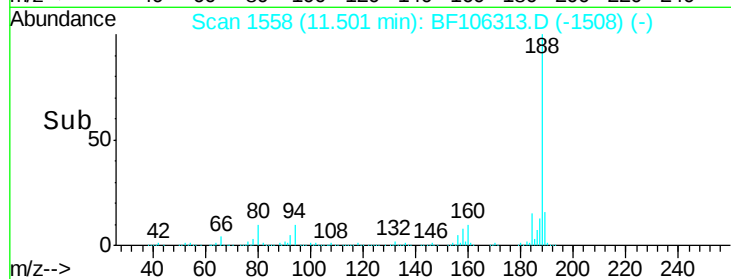
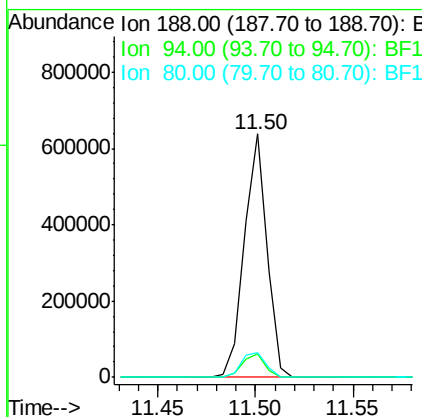
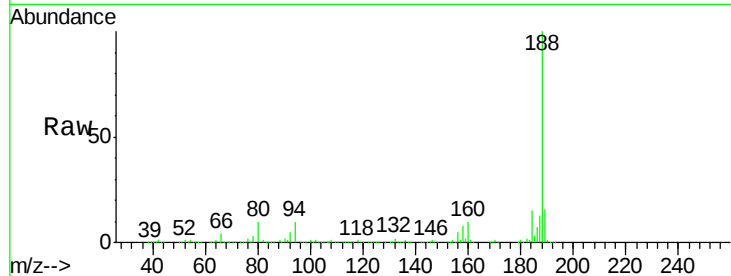




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106313.D
Acq: 11 Jun 2018 23:36

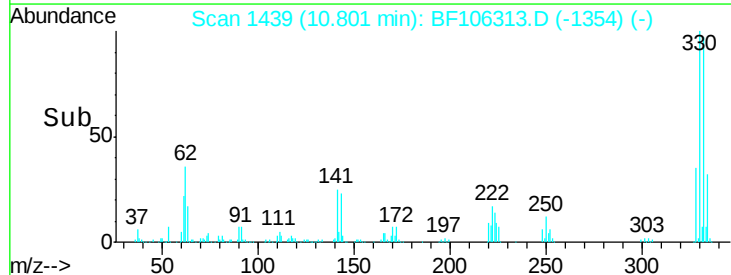
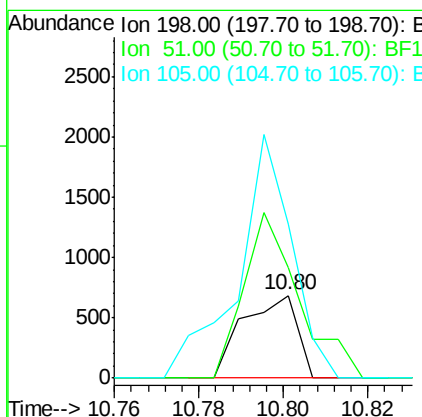
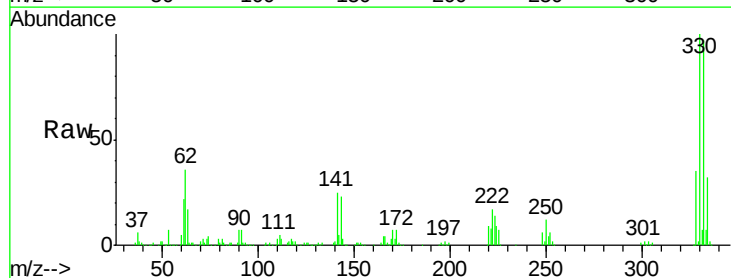
Instrument :
BNA_F
ClientSampleId :
SP-1

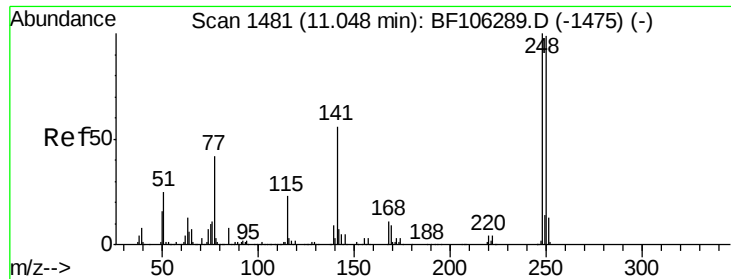
Tgt Ion:188 Resp: 511007
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.486 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106313.D
Acq: 11 Jun 2018 23:36

Tgt Ion:198 Resp: 608
Ion Ratio Lower Upper
198 100
51 134.5 37.7 77.7#
105 186.1 36.3 76.3#

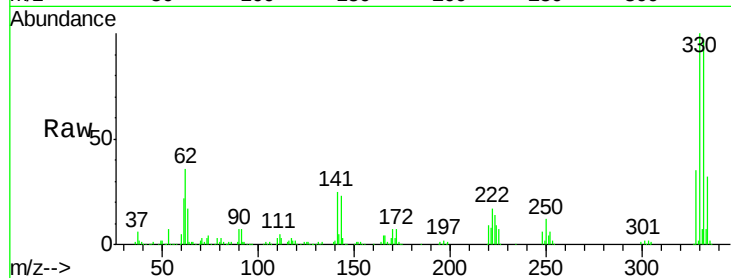




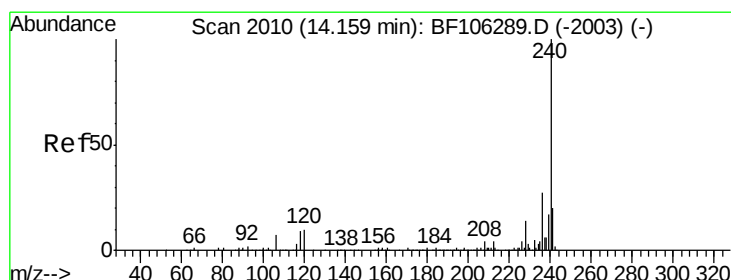
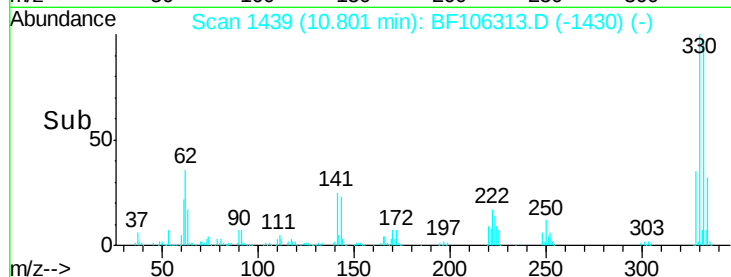
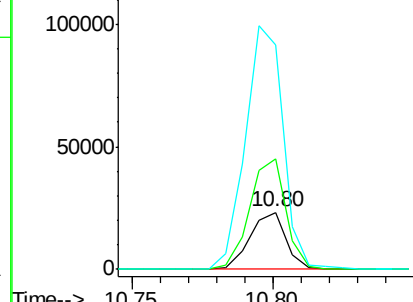
#66
4-Bromophenyl-phenylether
Concen: 3.501 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106313.D
Acq: 11 Jun 2018 23:36

Instrument :
BNA_F
ClientSampled :
SP-1

Tgt Ion:248 Resp: 20351
Ion Ratio Lower Upper
248 100
250 193.6 76.9 115.3#
141 392.5 74.4 111.6#

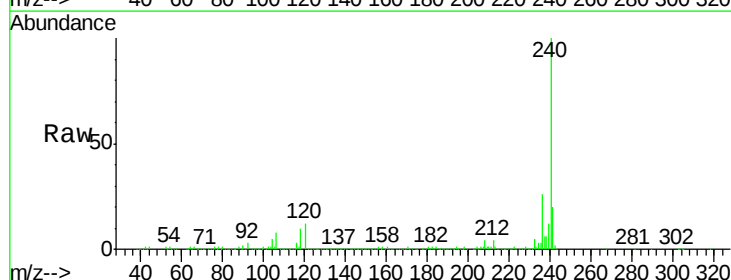


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

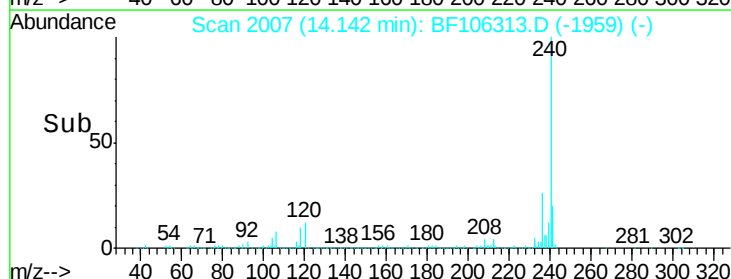
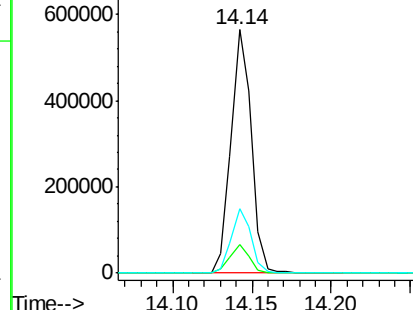


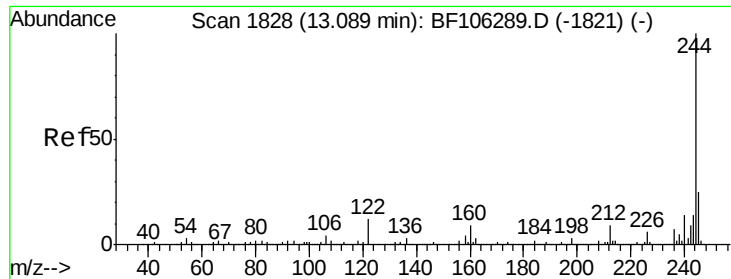
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106313.D
Acq: 11 Jun 2018 23:36

Tgt Ion:240 Resp: 503050
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 26.2 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

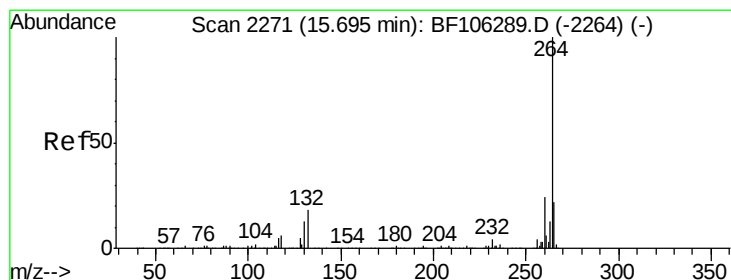
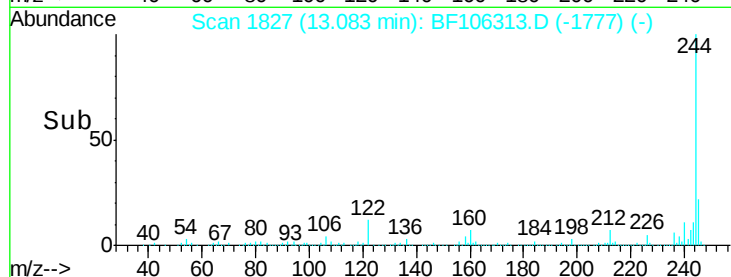
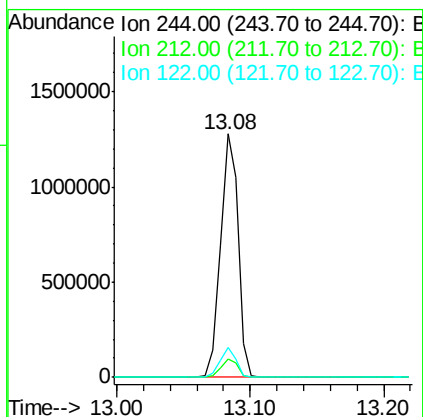
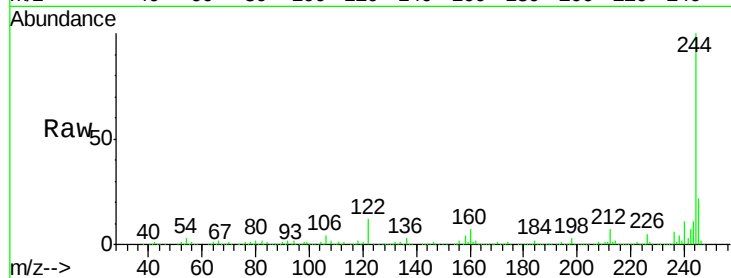




#78
 Terphenyl-d14
 Concen: 58.878 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF106313.D
 Acq: 11 Jun 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:244 Resp: 1192473
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF106313.D
 Acq: 11 Jun 2018 23:36

Tgt Ion:264 Resp: 391354
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.9 17.5 26.3

