

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105069.D
 Acq On : 3 May 2018 9:13
 Operator : JU/SJ
 Sample : J2666-03
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 03 11:05:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

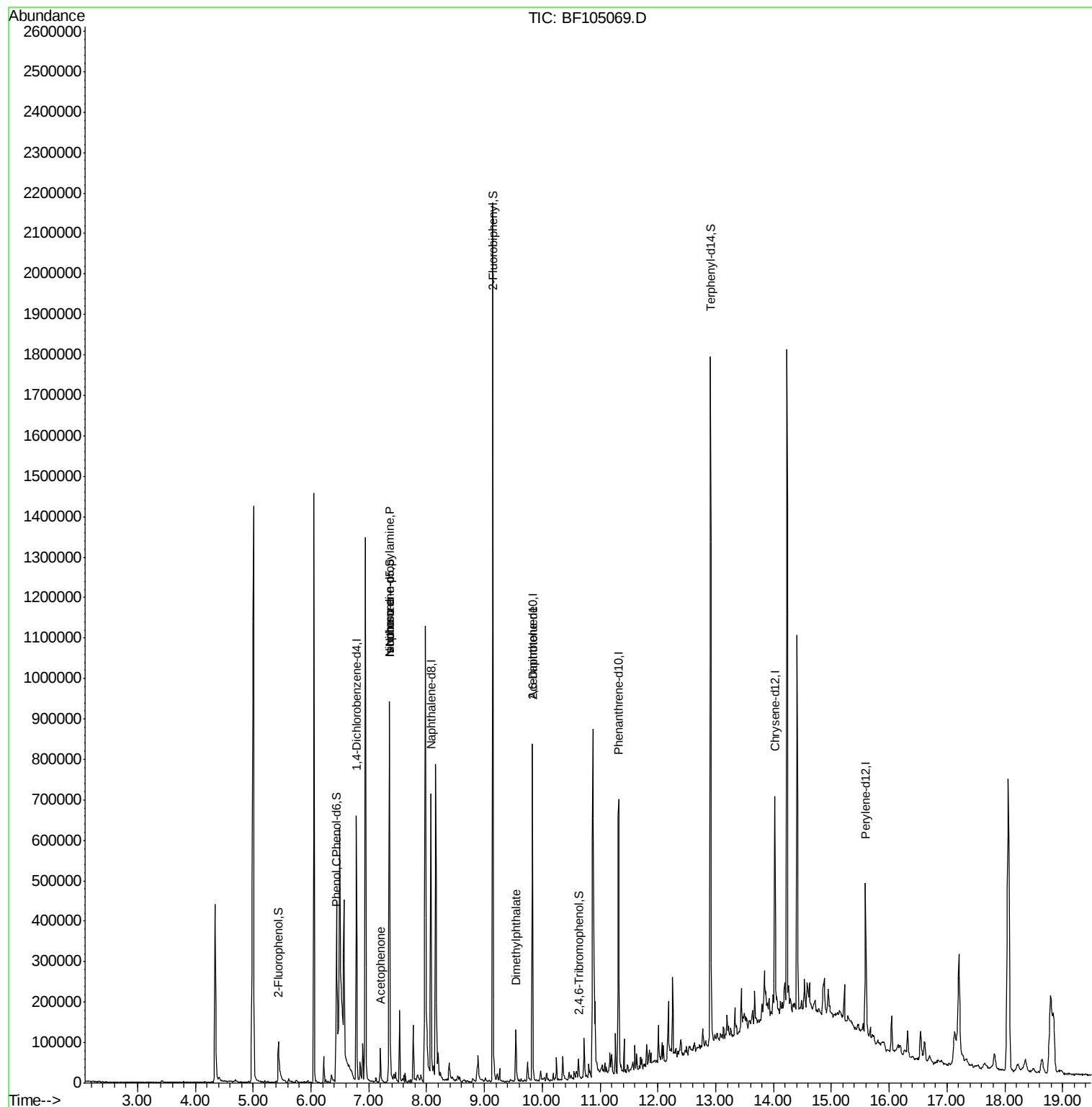
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	90302	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	357012	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	155441	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	261088	20.00	ng	0.00
75) Chrysene-d12	14.02	240	215484	20.00	ng	-0.01
86) Perylene-d12	15.59	264	167334	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	70734	11.98	ng	0.03
7) Phenol-d6	6.44	99	314349	43.32	ng	0.00
23) Nitrobenzene-d5	7.36	82	327945	59.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	6811	4.22	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	641235	65.17	ng	-0.01
78) Terphenyl-d14	12.91	244	562588	59.52	ng	0.00
Target Compounds						
10) Phenol	6.45	94	32842	4.266	ng	# 76
19) n-Nitroso-di-n-propylamine	7.36	70	42247	8.910	ng	# 70
22) Acetophenone	7.20	105	30949	3.521	ng	# 91
25) Isophorone	7.36	82	325371	28.142	ng	# 64
49) Dimethylphthalate	9.55	163	56991	4.649	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	20256	8.931	ng	# 26
76) Benzidine	12.91	184	7390	Below Cal		97

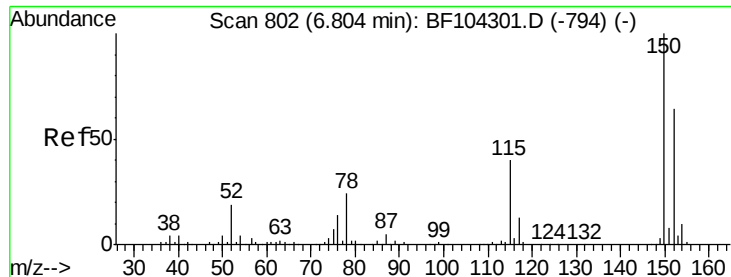
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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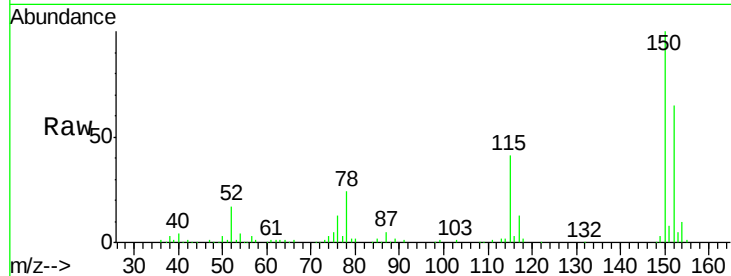


#1

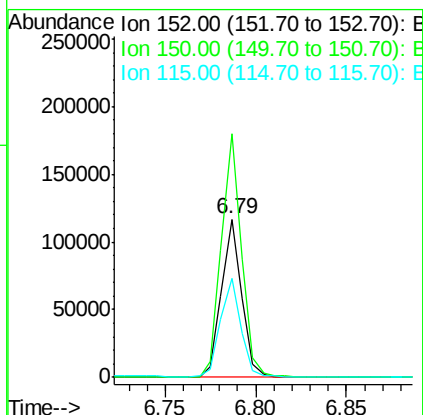
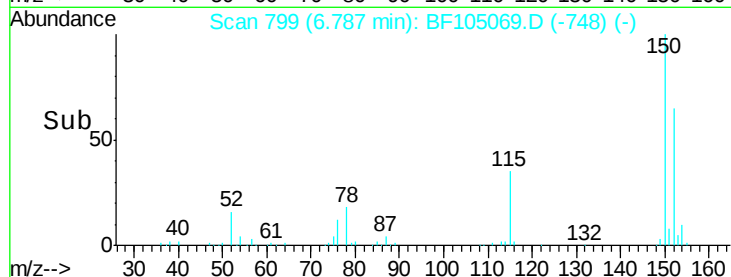
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105069.D
Acq: 3 May 2018 9:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90302
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 62.5 50.1 75.1



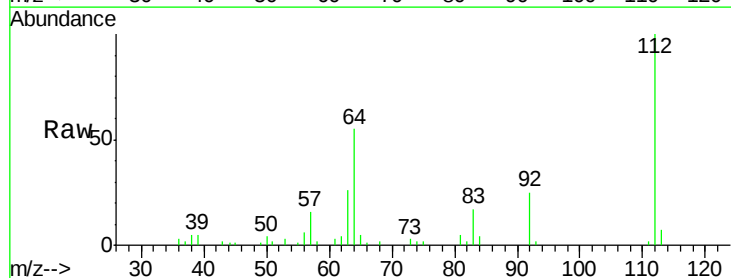
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



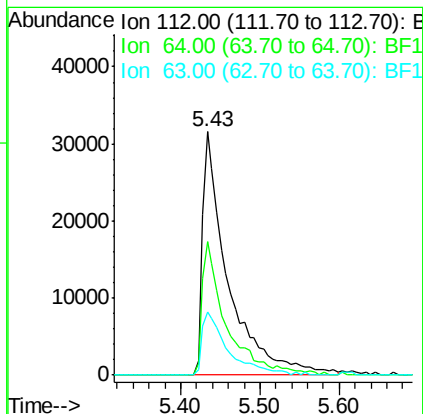
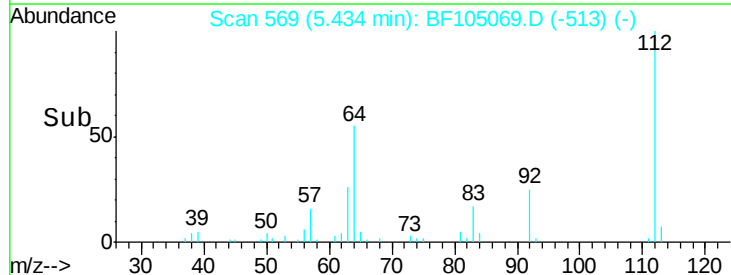
#5

2-Fluorophenol
Concen: 11.977 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.03 min
Lab File: BF105069.D
Acq: 3 May 2018 9:13

Tgt Ion:112 Resp: 70734
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 25.8 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: 43.321 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105069.D

Acq: 3 May 2018 9:13

Instrument :

BNA_F

ClientSampleId :

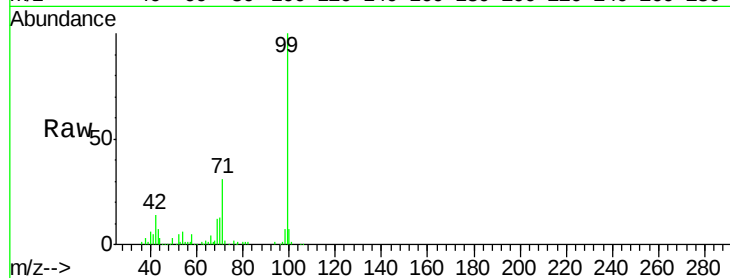
Tot Ion: 99 Resp: 314349

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

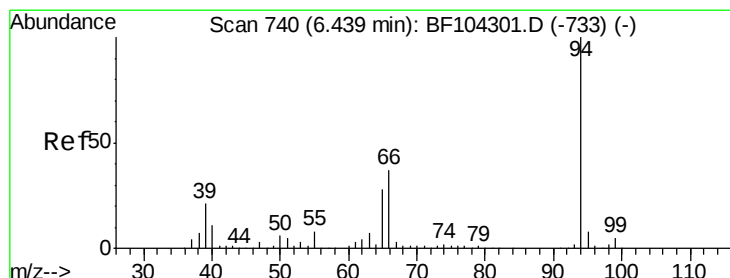
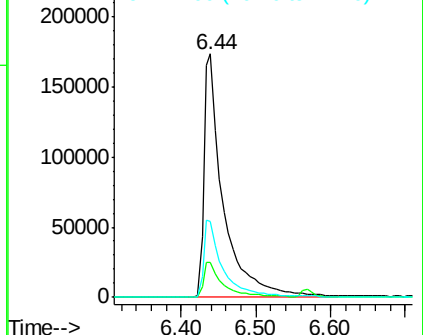
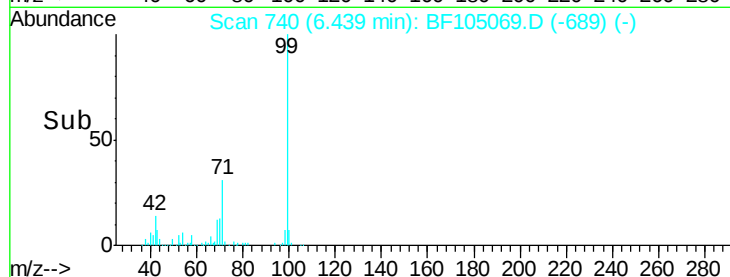
71 31.4 25.4 38.0



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



#10

Phenol

Concen: 4.266 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF105069.D

Acq: 3 May 2018 9:13

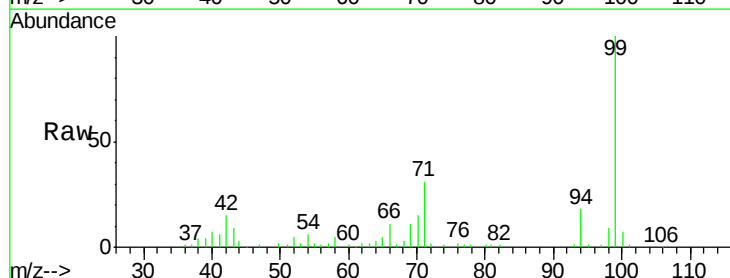
Tgt Ion: 94 Resp: 32842

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

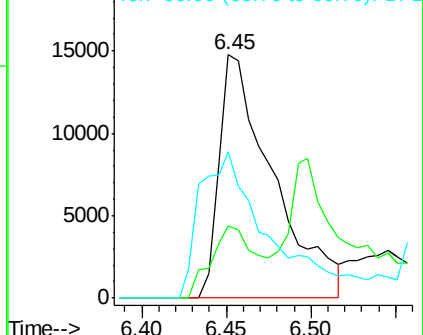
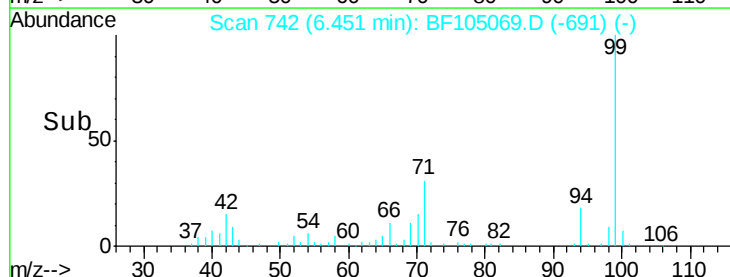
66 60.0 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

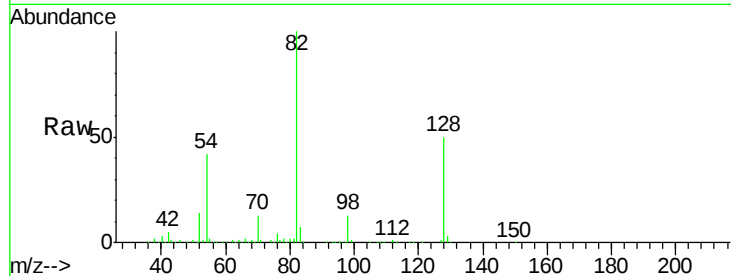




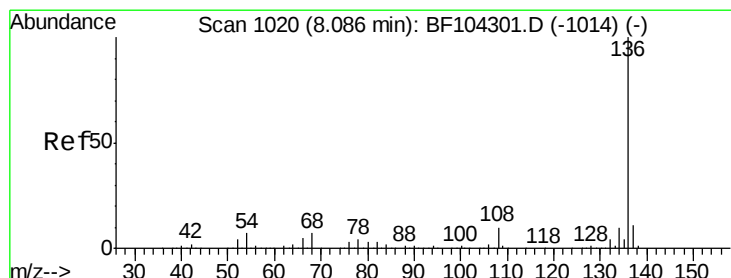
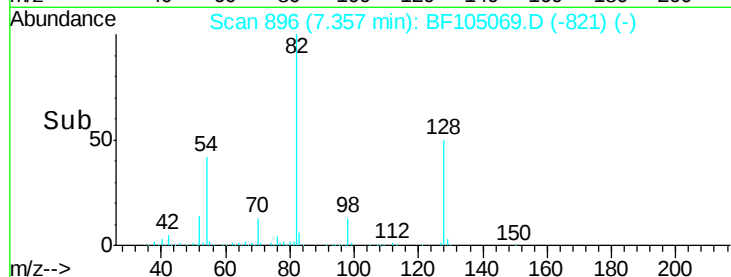
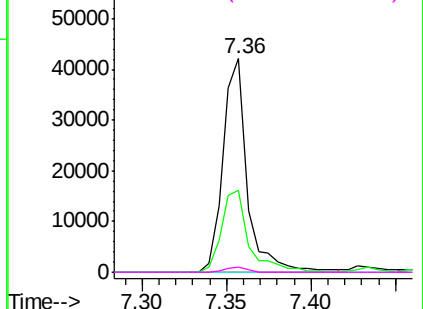
#19
n-Nitroso-di-n-propylamine
Concen: 8.910 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105069.D
Acq: 3 May 2018 9:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 42247
Ion Ratio Lower Upper
70 100
42 38.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#

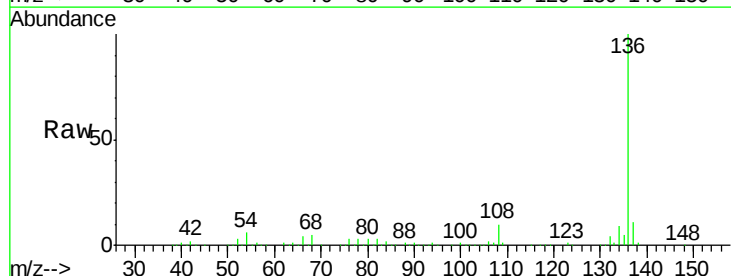


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

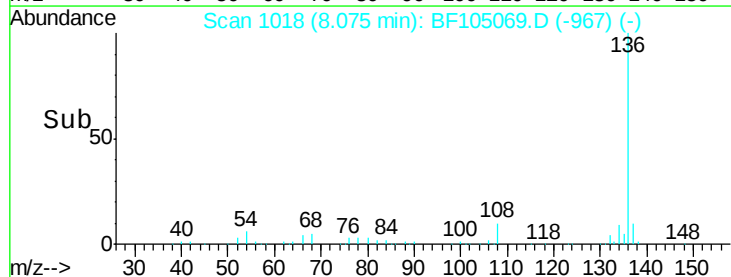
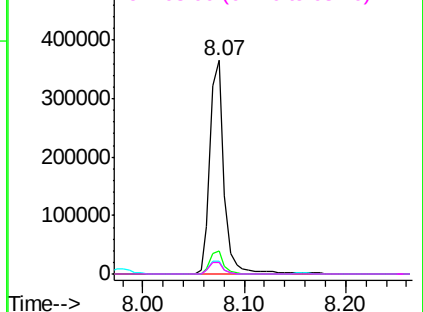


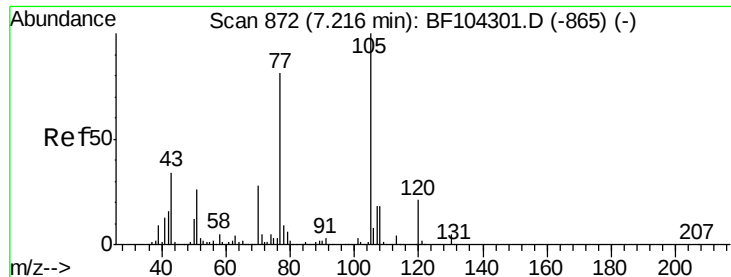
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105069.D
Acq: 3 May 2018 9:13

Tgt Ion: 136 Resp: 357012
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 5.8 6.6 9.8#
68 5.1 5.0 7.4



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





#22

Acetophenone

Concen: 3.521 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF105069.D

Acq: 3 May 2018 9:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 30949

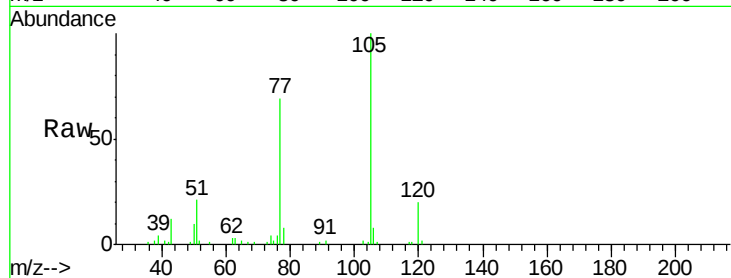
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 21.0 22.3 33.5#

120 20.4 16.9 25.3

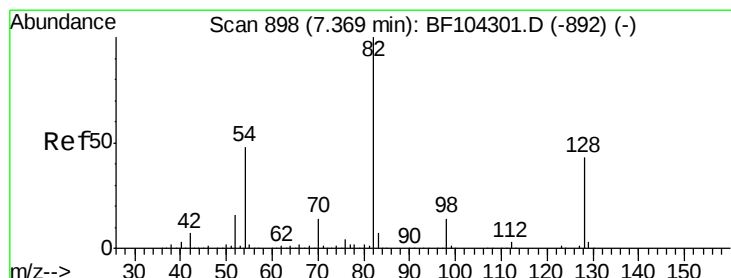
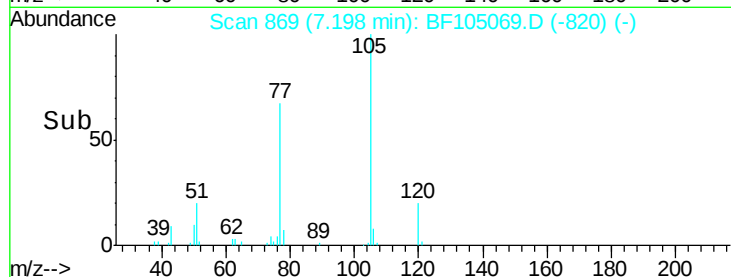
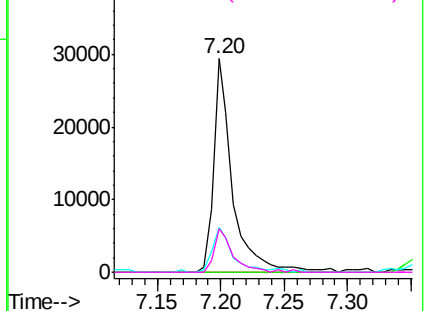


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 59.982 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105069.D

Acq: 3 May 2018 9:13

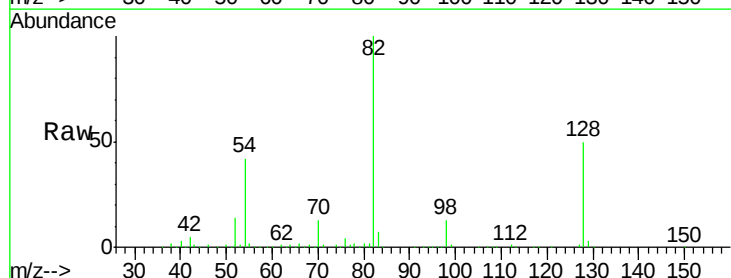
Tgt Ion: 82 Resp: 327945

Ion Ratio Lower Upper

82 100

128 50.1 36.1 54.1

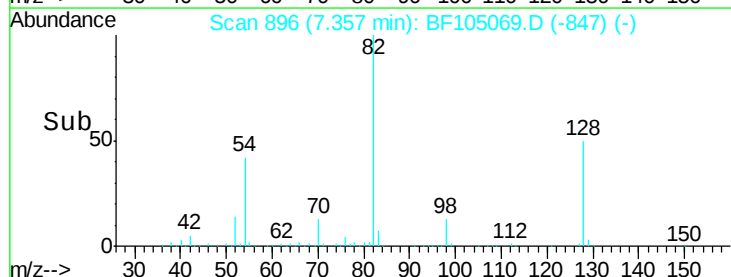
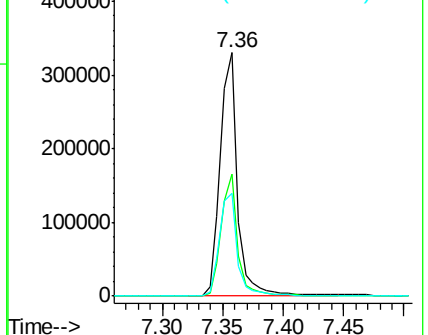
54 42.2 41.4 62.2

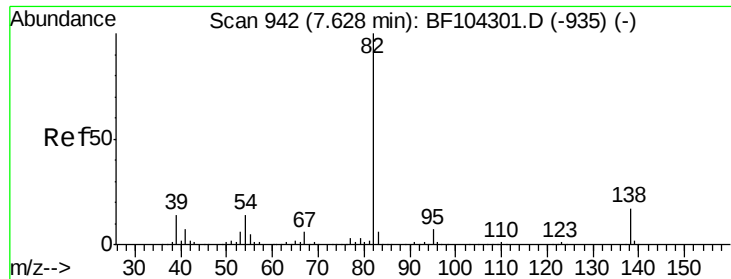


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 28.142 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105069.D

Acq: 3 May 2018 9:13

Instrument :

BNA_F

ClientSampleId :

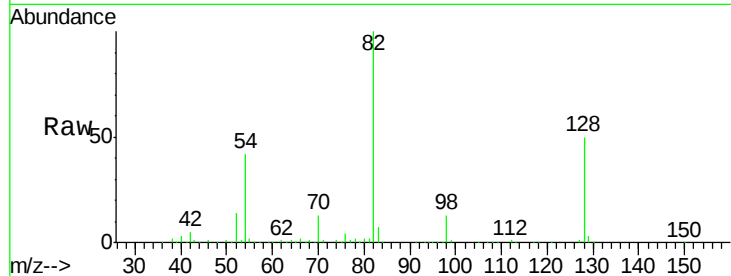
Tot Ion: 82 Resp: 325371

Ion Ratio Lower Upper

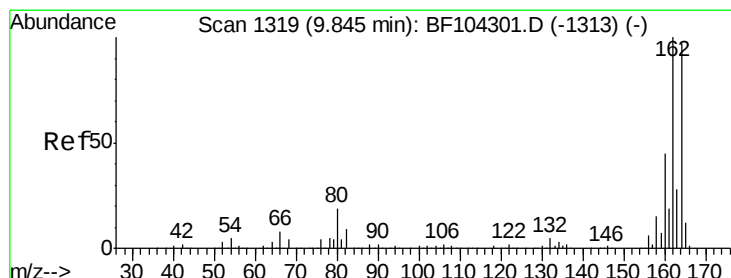
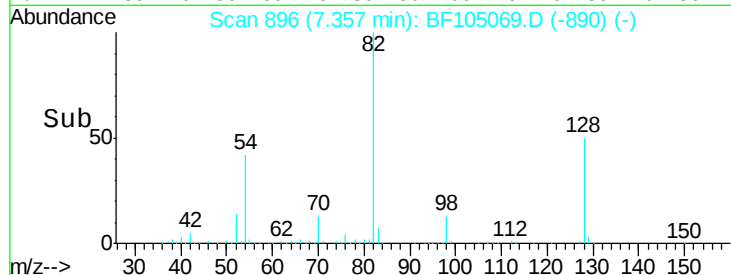
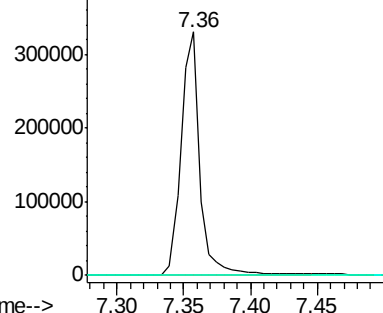
82 100

95 0.2 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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105069.D

Acq: 3 May 2018 9:13

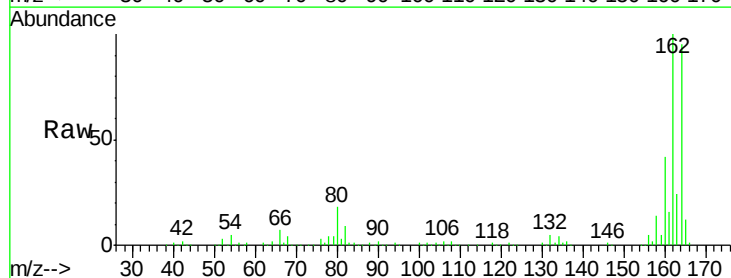
Tgt Ion:164 Resp: 155441

Ion Ratio Lower Upper

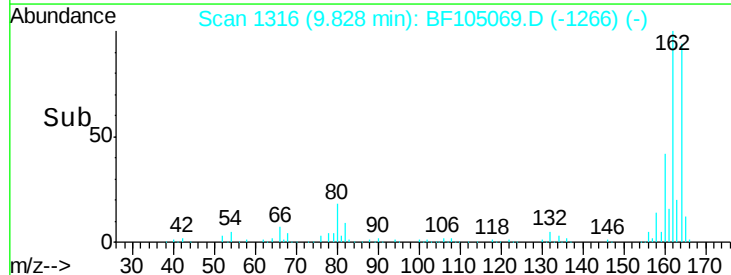
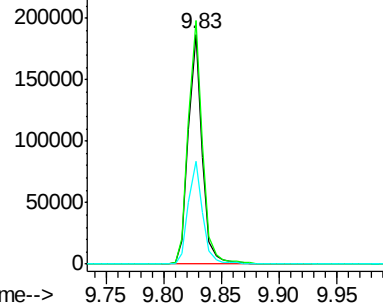
164 100

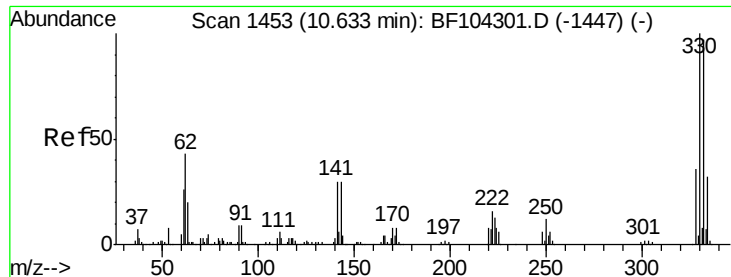
162 105.8 86.1 129.1

160 44.8 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

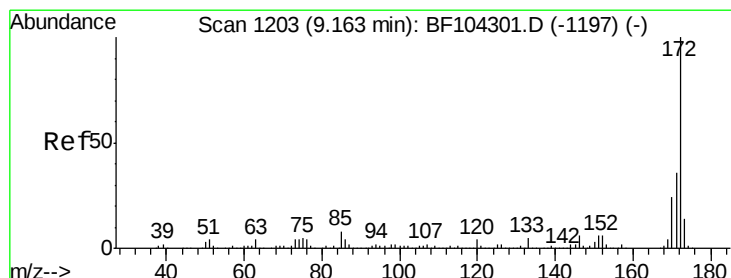
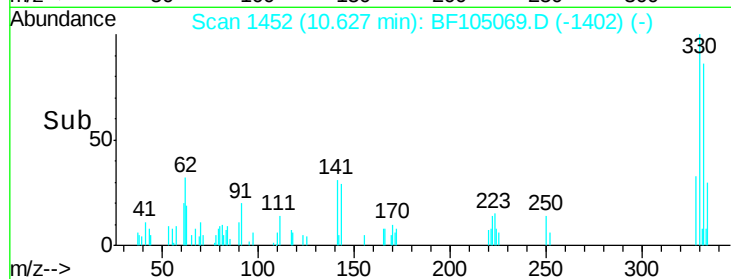
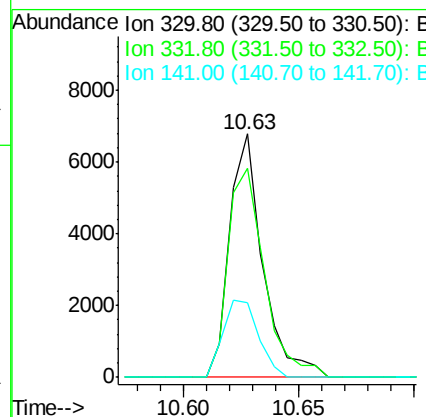
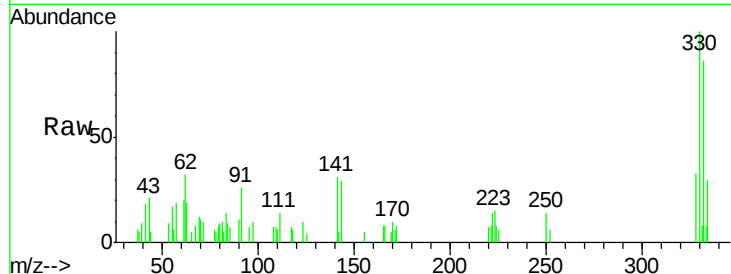




#41
 2,4,6-Tribromophenol
 Concen: 4.224 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF105069.D
 Acq: 3 May 2018 9:13

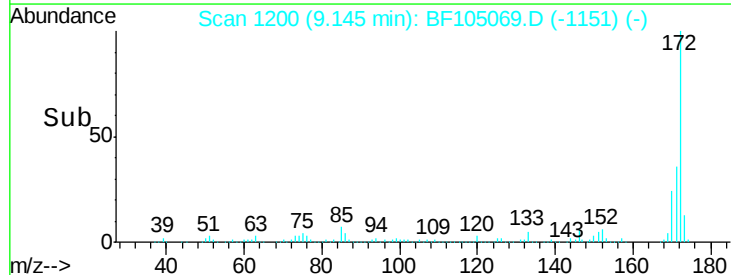
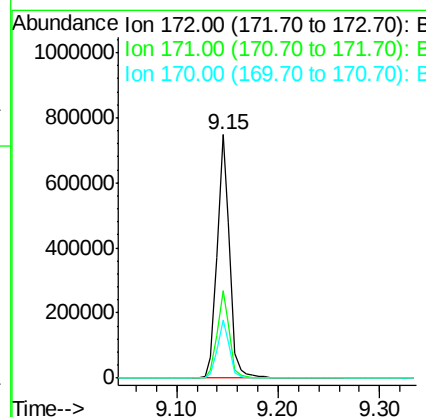
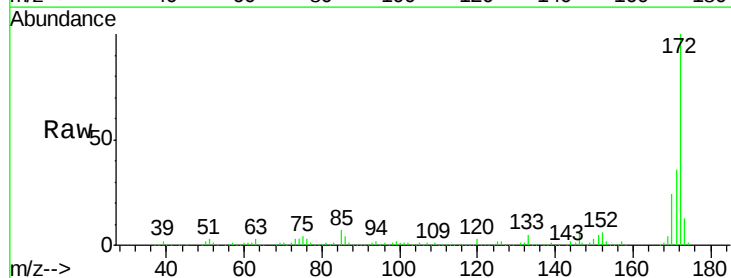
Instrument :
 BNA_F
 ClientSampleId :

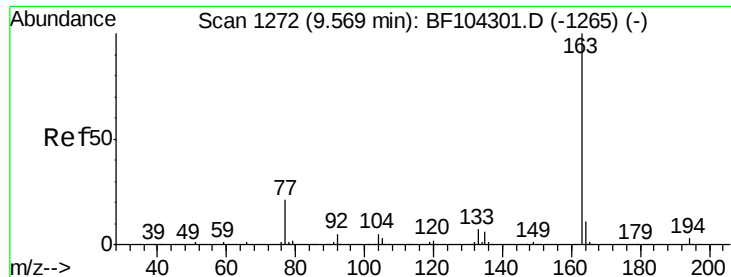
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.6
141	33.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 65.169 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105069.D
 Acq: 3 May 2018 9:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4

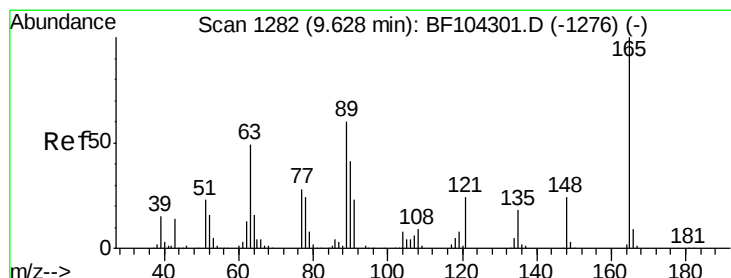
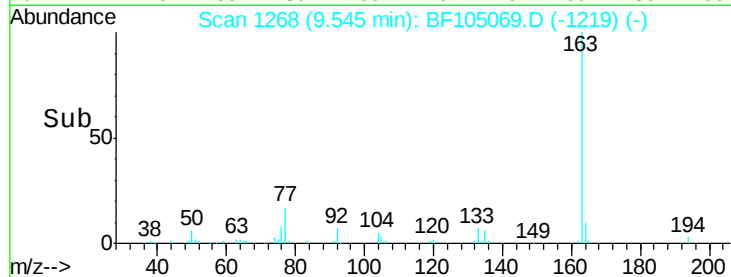
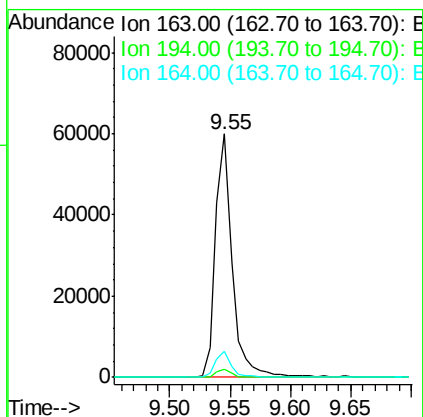
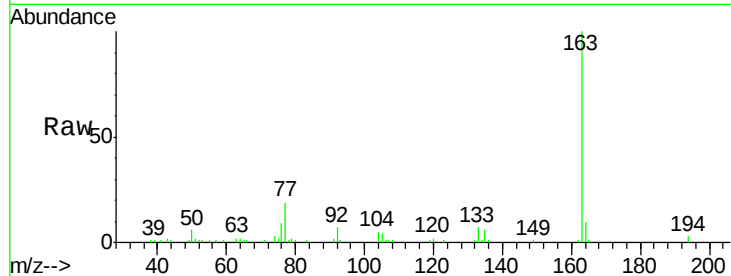




#49
Dimethylphthalate
Concen: 4.649 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105069.D
Acq: 3 May 2018 9:13

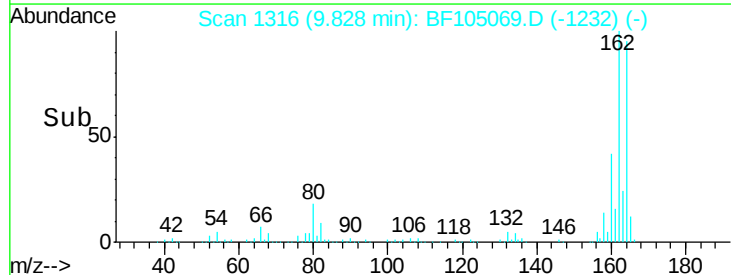
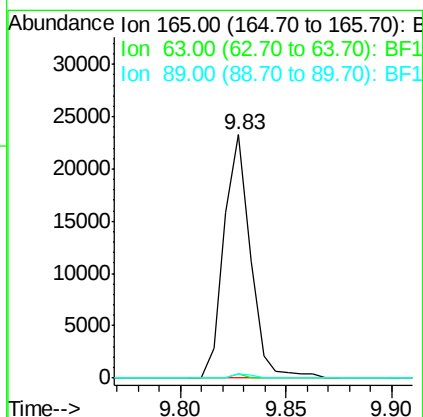
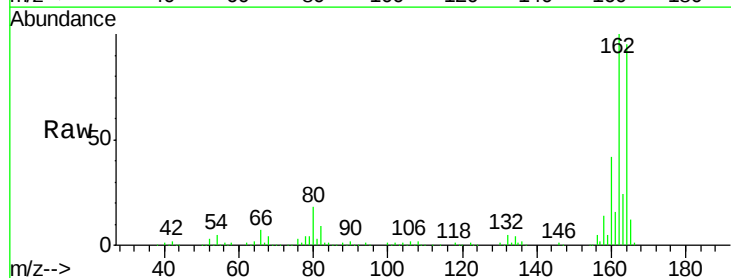
Instrument :
BNA_F
ClientSampleId :

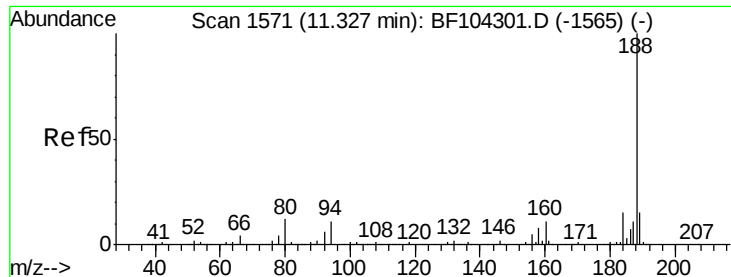
Tot Ion:163 Resp: 56991
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.931 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF105069.D
Acq: 3 May 2018 9:13

Tgt Ion:165 Resp: 20256
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.7 44.0 66.0#

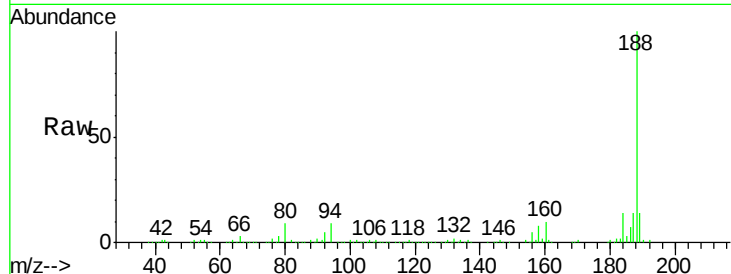




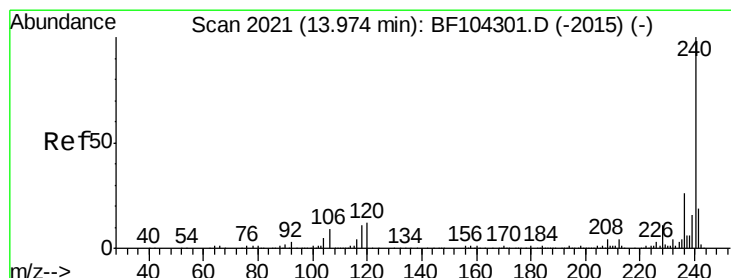
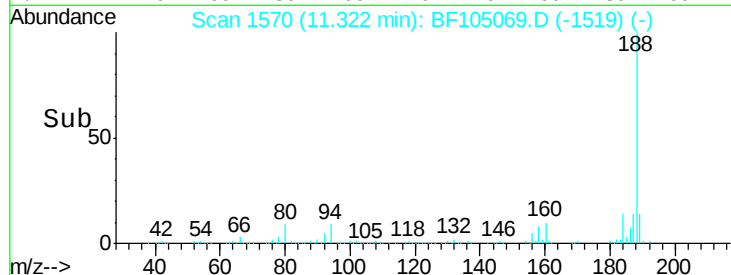
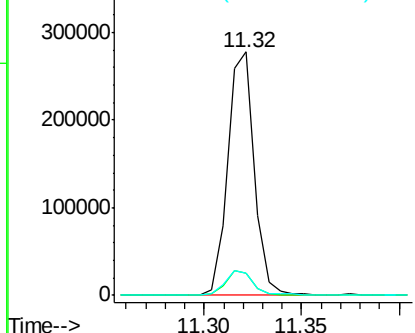
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105069.D
Acq: 3 May 2018 9:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 261088
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.3 9.2 13.8

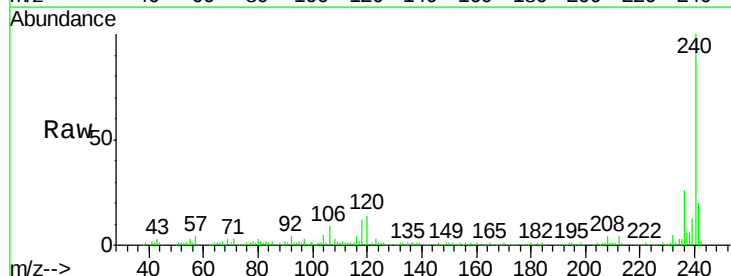


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

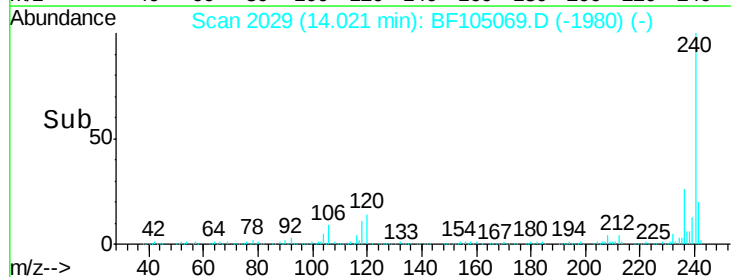
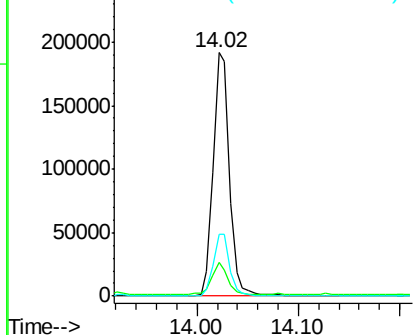


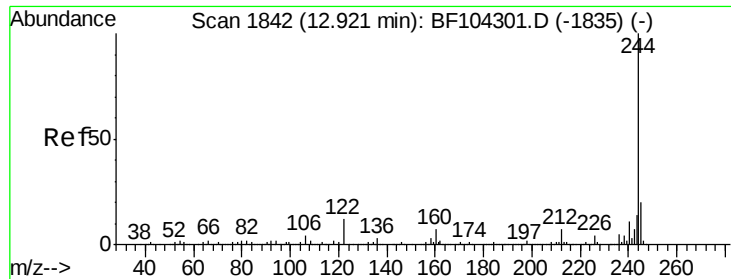
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF105069.D
Acq: 3 May 2018 9:13

Tgt Ion:240 Resp: 215484
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.7 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

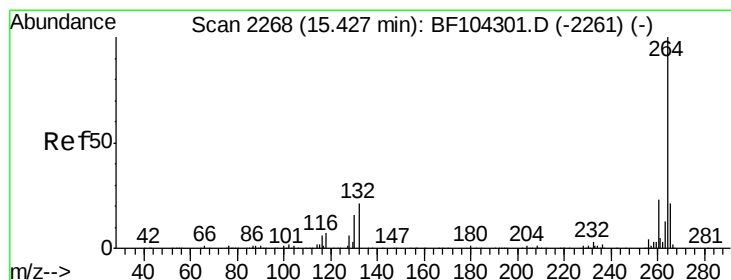
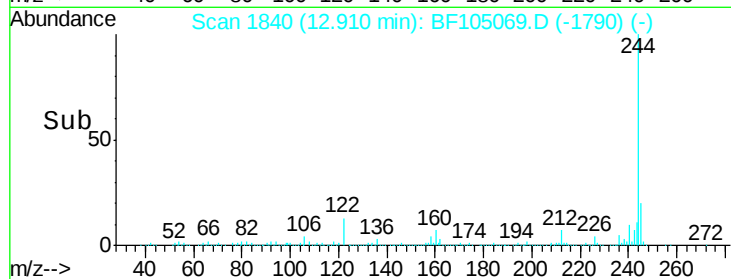
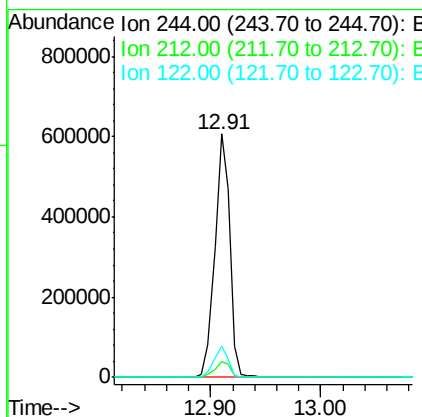
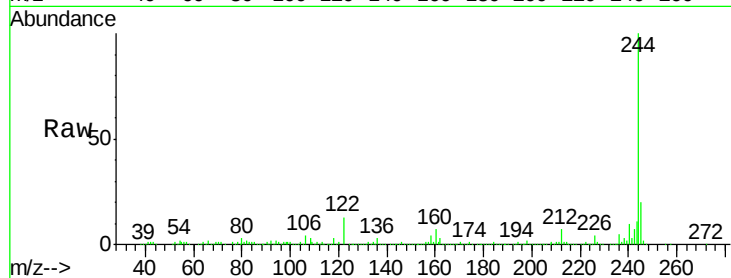




#78
 Terphenyl-d14
 Concen: 59.522 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF105069.D
 Acq: 3 May 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 562588
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BF105069.D
 Acq: 3 May 2018 9:13

Tgt Ion:264 Resp: 167334
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.6 17.5 26.3

