

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101075.D
 Acq On : 1 Dec 2017 20:38
 Operator : SJ/JU
 Sample : I6622-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBNW1B-4-9

Quant Time: Dec 01 21:53:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

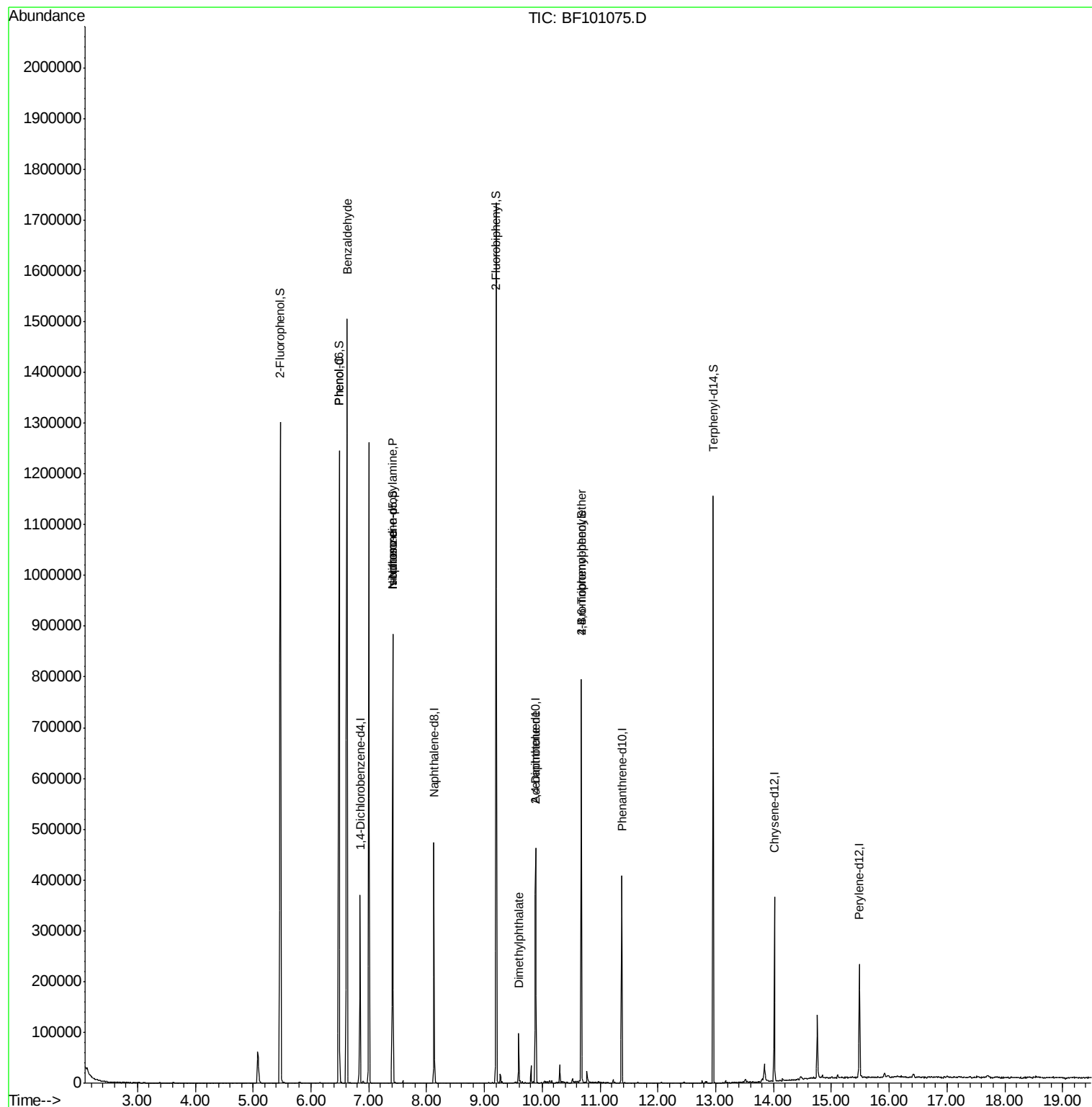
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51945	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	196837	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89389	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	146301	20.00	ng	0.00
75) Chrysene-d12	14.02	240	119168	20.00	ng	0.00
86) Perylene-d12	15.49	264	101399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	391983	124.70	ng	0.00
7) Phenol-d6	6.49	99	475545	124.60	ng	0.00
23) Nitrobenzene-d5	7.42	82	288518	87.44	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	93139	86.74	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	513258	78.56	ng	0.00
78) Terphenyl-d14	12.96	244	385486	70.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	9196	3.937	ng	82
10) Phenol	6.49	94	17133	4.037	ng	82
19) n-Nitroso-di-n-propylamine	7.42	70	38111	14.827	ng	# 78
25) Isophorone	7.42	82	288513	51.189	ng	# 64
49) Dimethylphthalate	9.60	163	39338	5.457	ng	# 97
56) 2,4-Dinitrotoluene	9.89	165	11043	5.427	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	5991	3.658	ng	# 1

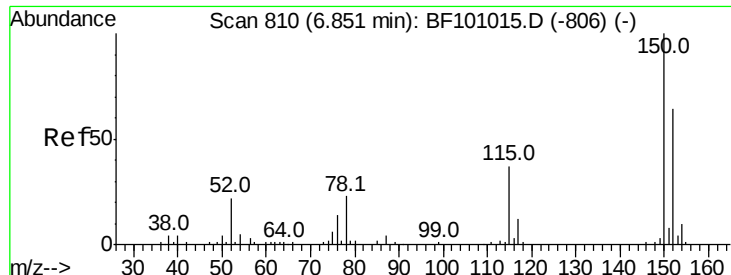
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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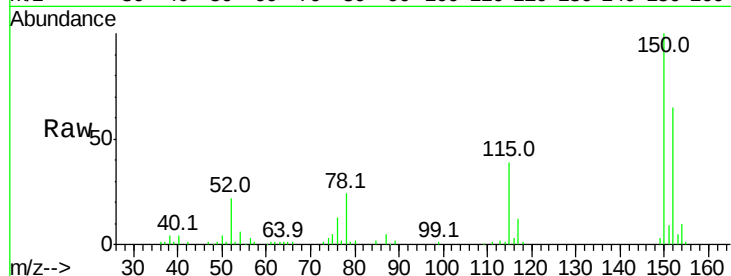


#1

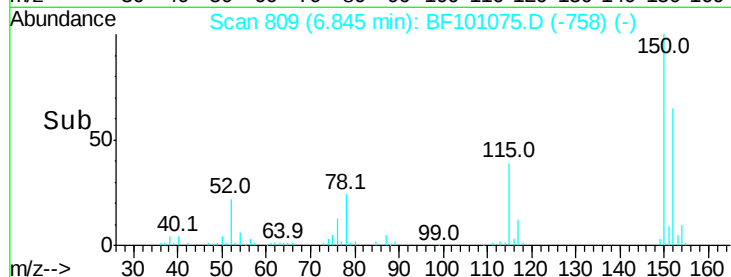
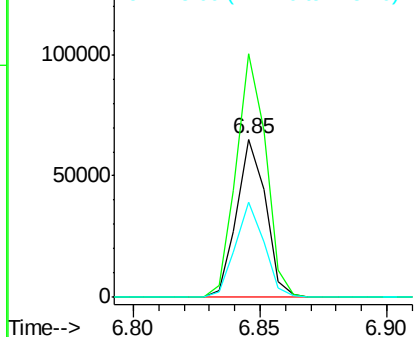
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101075.D
Acq: 1 Dec 2017 20:38

Instrument :
BNA_F
ClientSampleId :
DBNW1B-4-9

Tot Ion:152 Resp: 51945
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 60.2 50.1 75.1



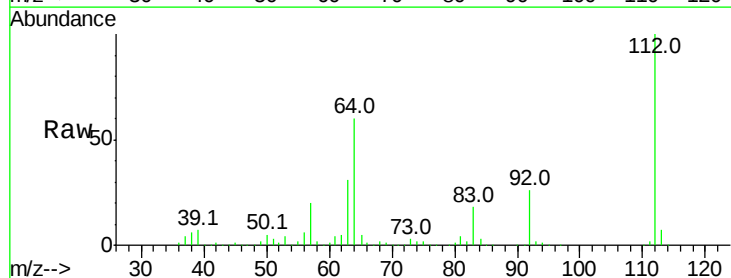
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



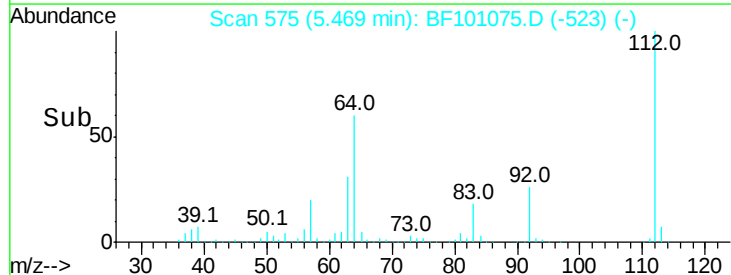
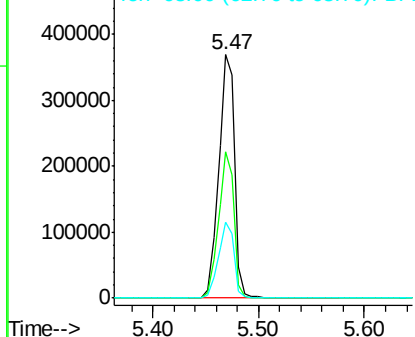
#5

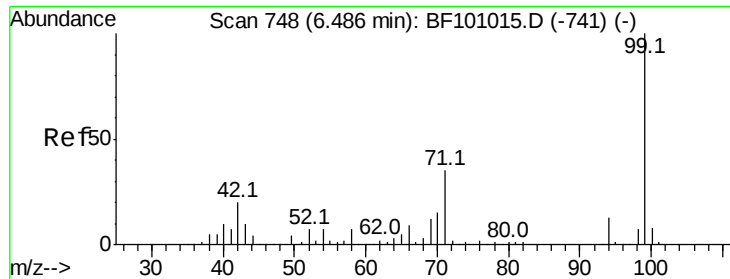
2-Fluorophenol
Concen: 124.695 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101075.D
Acq: 1 Dec 2017 20:38

Tgt Ion:112 Resp: 391983
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 31.2 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: 124.601 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101075.D

Acq: 1 Dec 2017 20:38

Instrument :

BNA_F

ClientSampleId :

DBNW1B-4-9

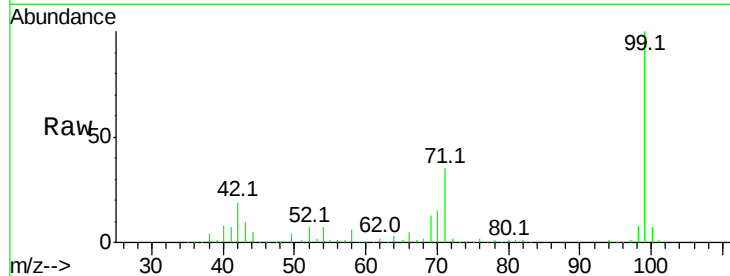
Tot Ion: 99 Resp: 475545

Ion Ratio Lower Upper

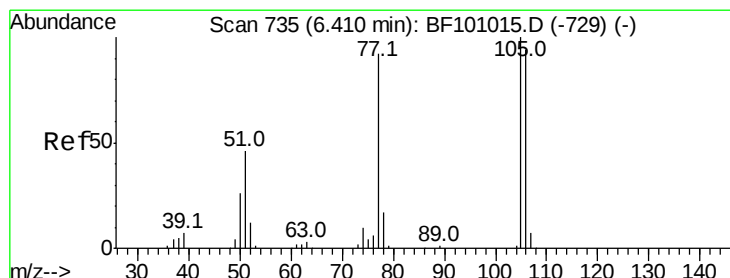
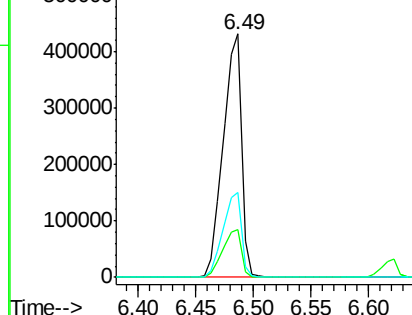
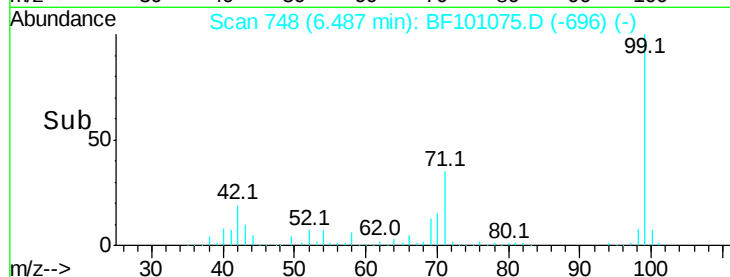
99 100

42 19.4 14.5 21.7

71 35.0 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: 3.937 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.22 min

Lab File: BF101075.D

Acq: 1 Dec 2017 20:38

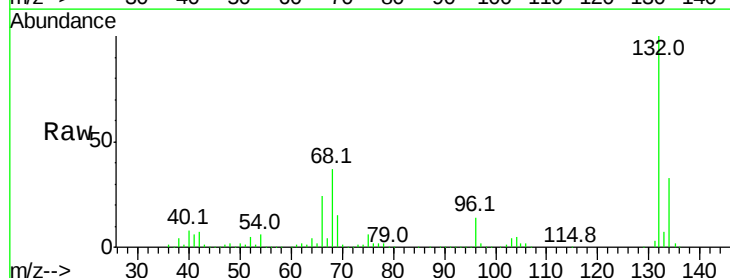
Tgt Ion: 77 Resp: 9196

Ion Ratio Lower Upper

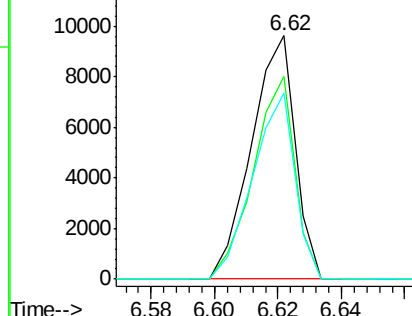
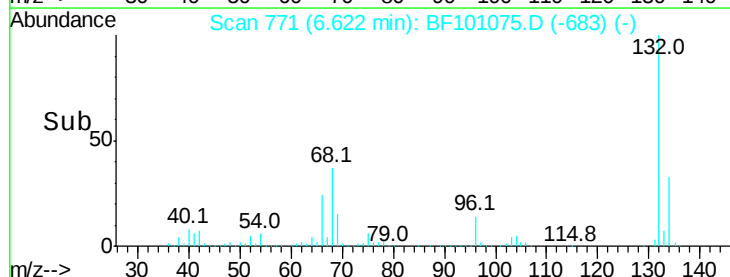
77 100

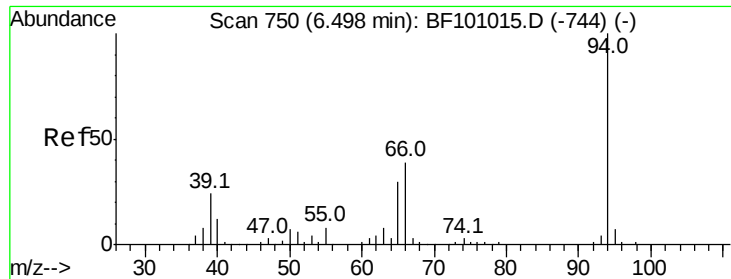
105 83.3 81.1 121.1

106 76.5 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

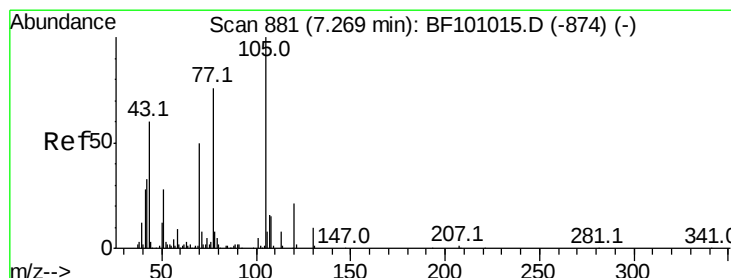
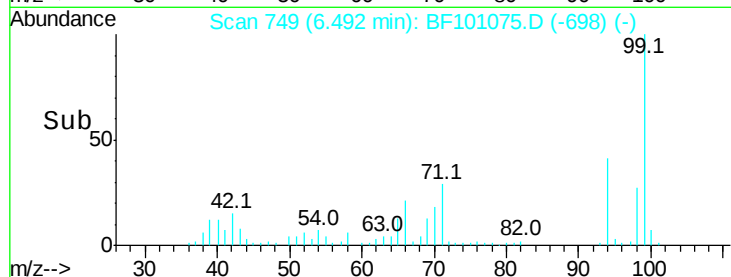
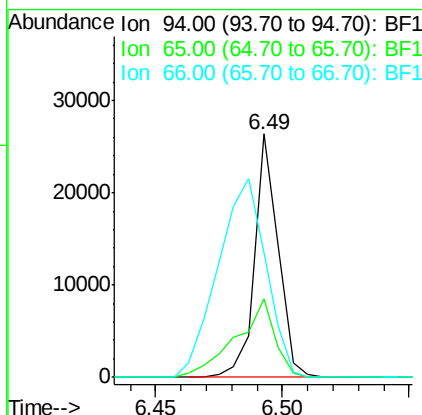
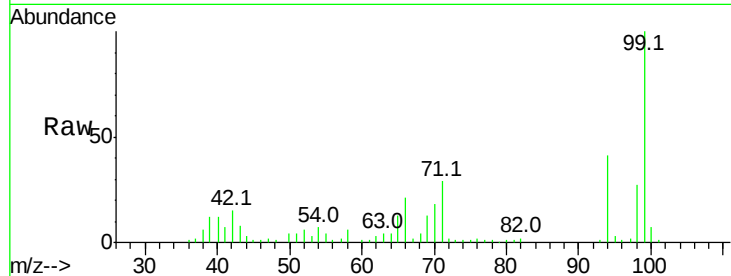




#10
Phenol
Concen: 4.037 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101075.D
Acq: 1 Dec 2017 20:38

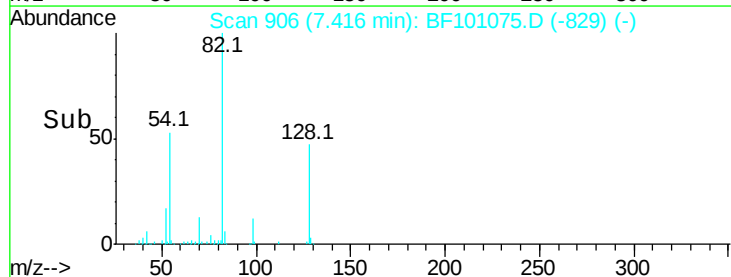
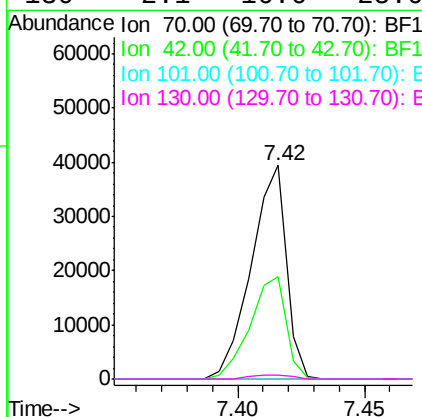
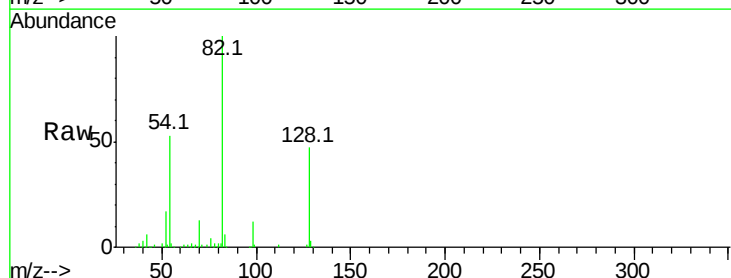
Instrument :
BNA_F
ClientSampleId :
DBNW1B-4-9

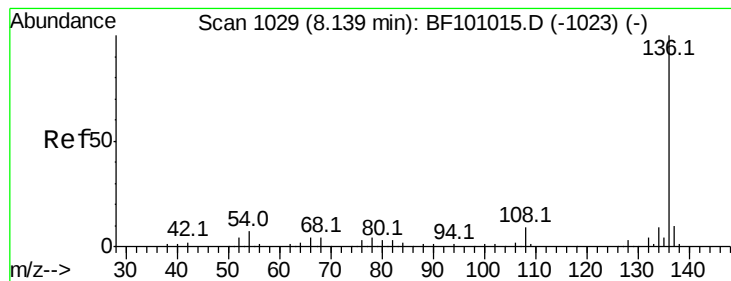
Tot Ion: 94 Resp: 17133
Ion Ratio Lower Upper
94 100
65 32.2 7.9 47.9
66 51.4 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.827 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101075.D
Acq: 1 Dec 2017 20:38

Tgt Ion: 70 Resp: 38111
Ion Ratio Lower Upper
70 100
42 47.8 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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101075.D

Acq: 1 Dec 2017 20:38

Instrument :

BNA_F

ClientSampleId :

DBNW1B-4-9

Tot Ion:136 Resp: 196837

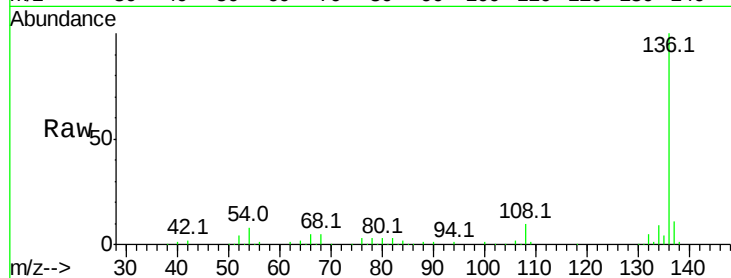
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 6.6 9.8

68 4.7 5.0 7.4#

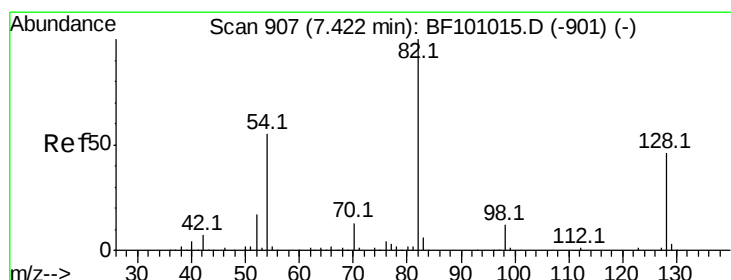
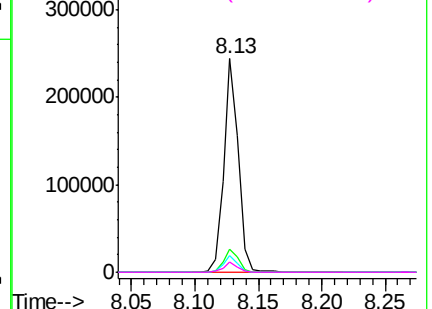
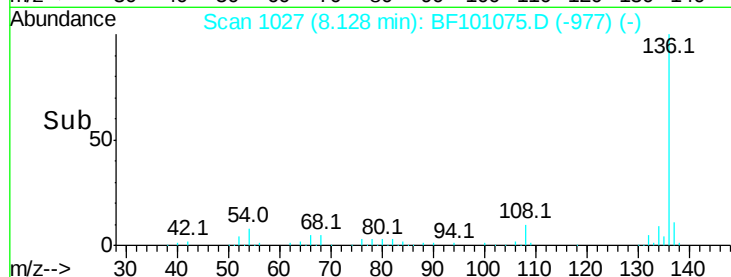


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.438 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF101075.D

Acq: 1 Dec 2017 20:38

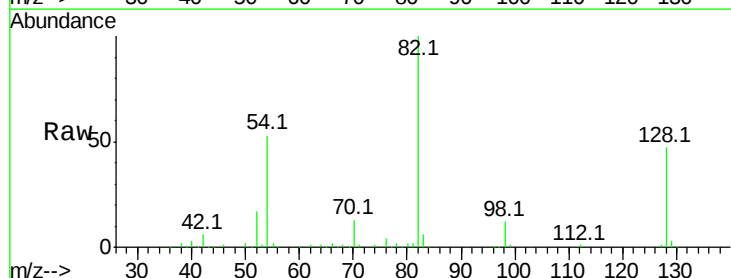
Tgt Ion: 82 Resp: 288518

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

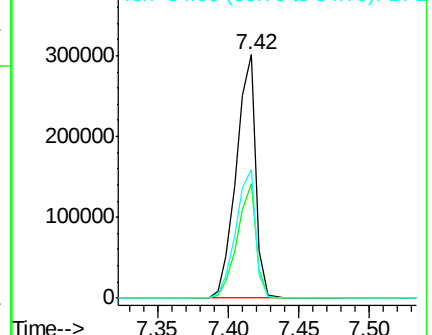
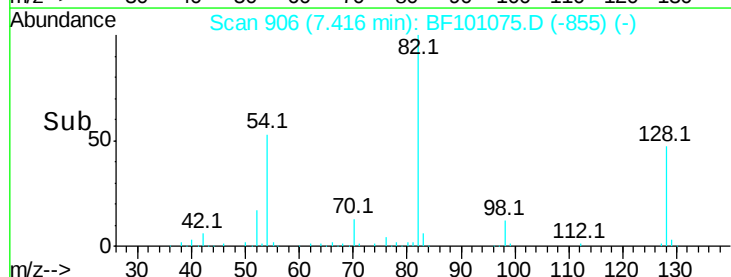
54 52.8 41.4 62.2

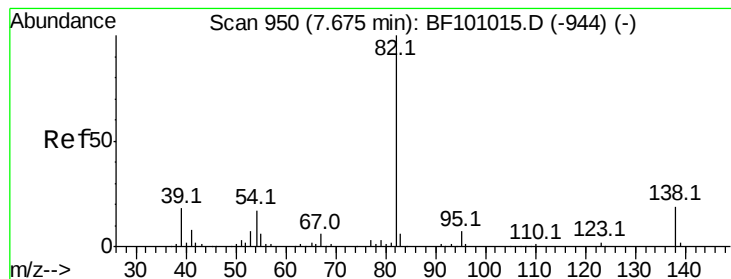


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.189 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF101075.D

Acq: 1 Dec 2017 20:38

Instrument :

BNA_F

ClientSampleId :

DBNW1B-4-9

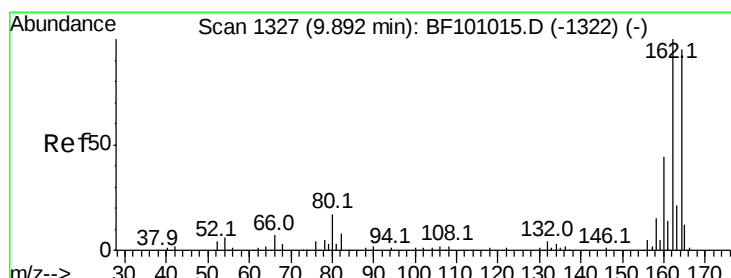
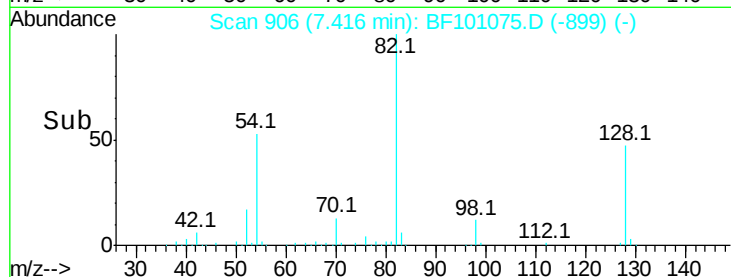
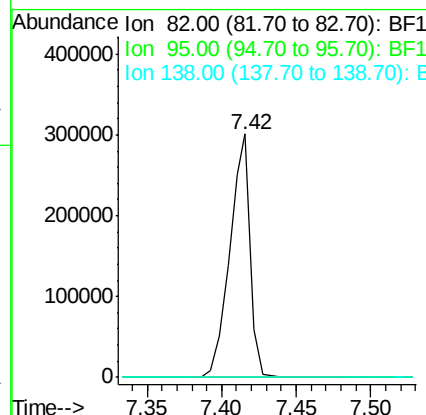
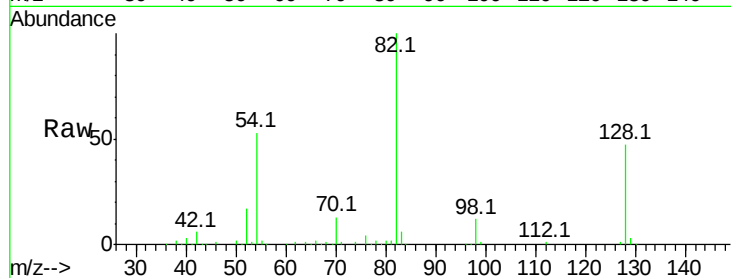
Tot Ion: 82 Resp: 288513

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101075.D

Acq: 1 Dec 2017 20:38

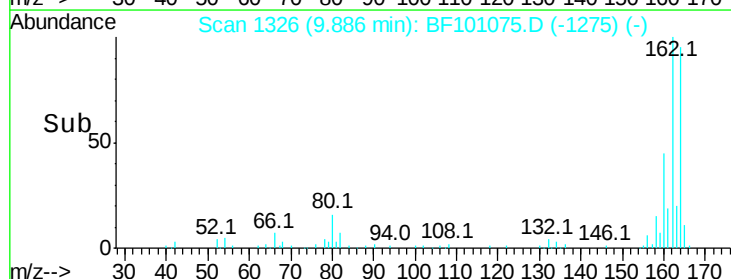
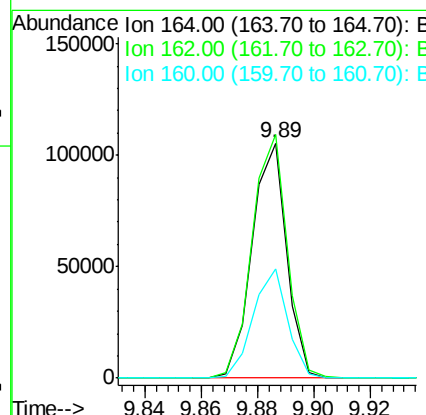
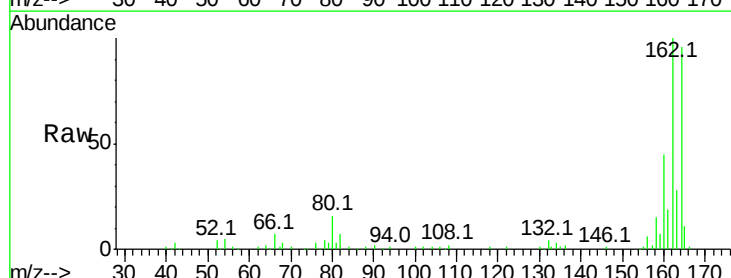
Tgt Ion:164 Resp: 89389

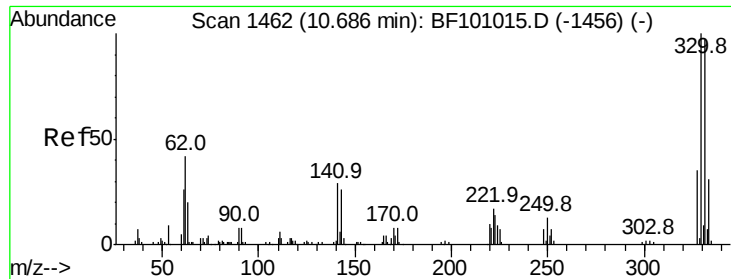
Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

160 46.4 38.3 57.5

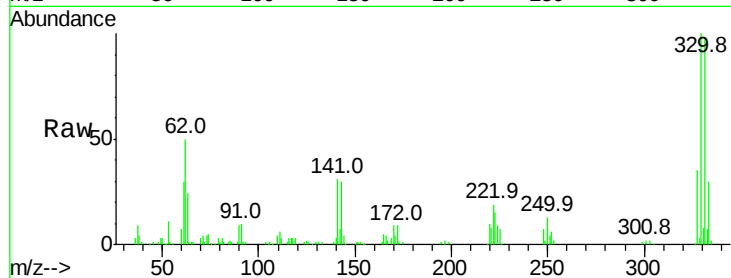




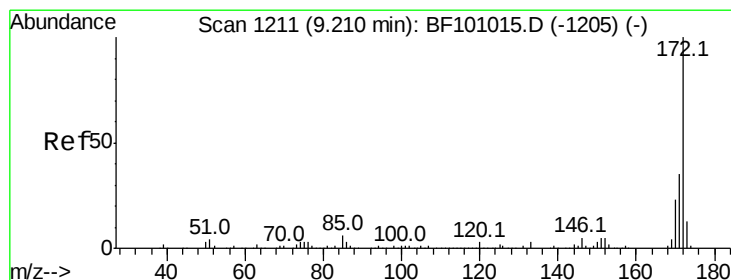
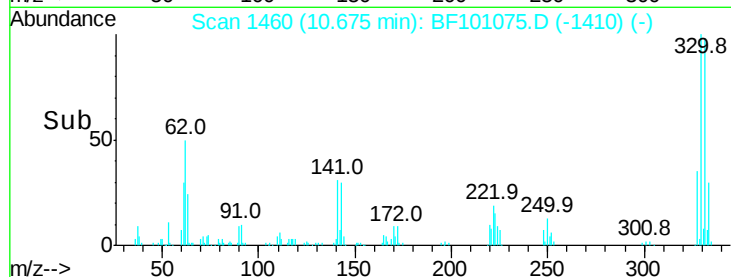
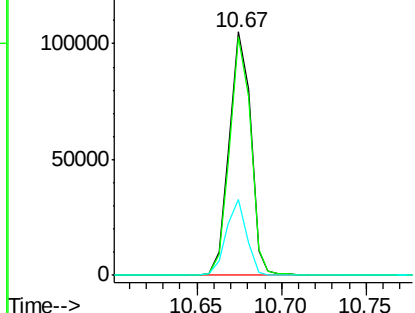
#41
 2,4,6-Tribromophenol
 Concen: 86.736 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101075.D
 Acq: 1 Dec 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 DBNW1B-4-9

Tot Ion:330 Resp: 93139
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 29.7 29.9 44.9#

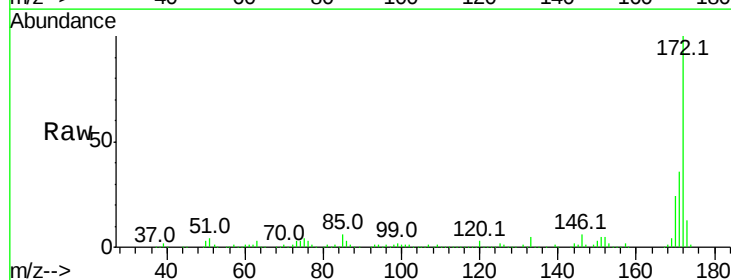


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

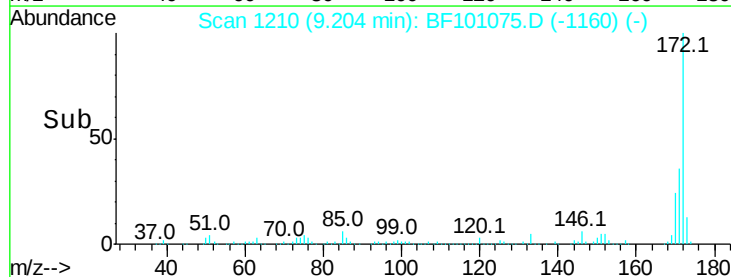
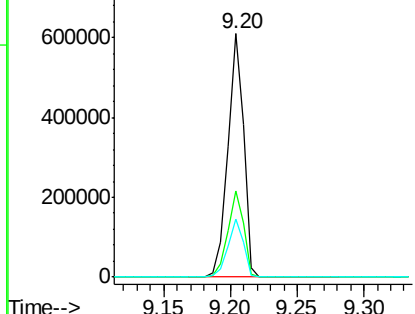


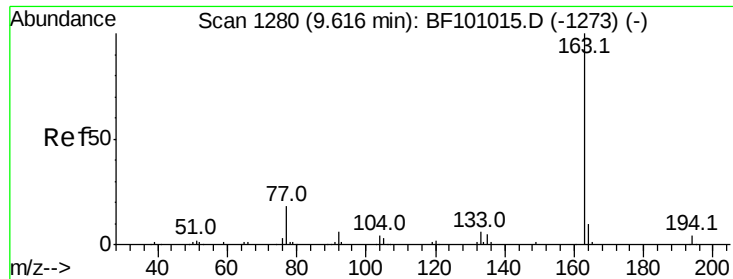
#44
 2-Fluorobiphenyl
 Concen: 78.560 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101075.D
 Acq: 1 Dec 2017 20:38

Tgt Ion:172 Resp: 513258
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.6 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

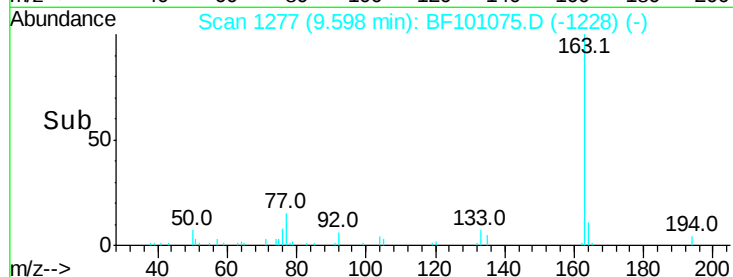
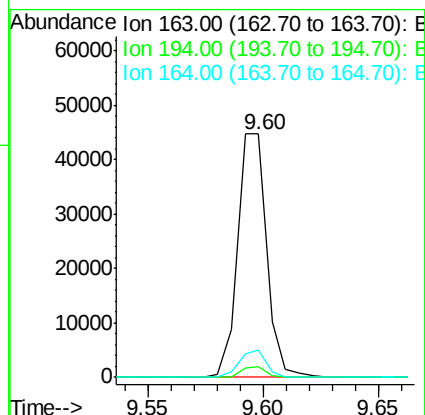
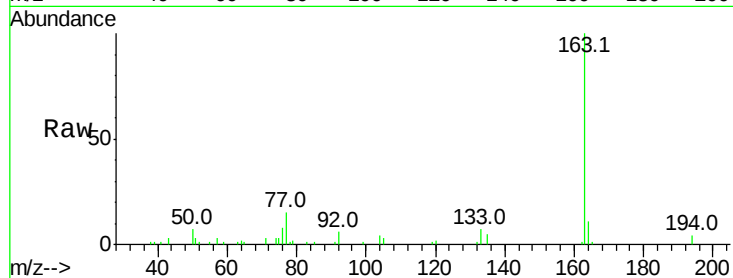




#49
Dimethylphthalate
Concen: 5.457 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101075.D
Acq: 1 Dec 2017 20:38

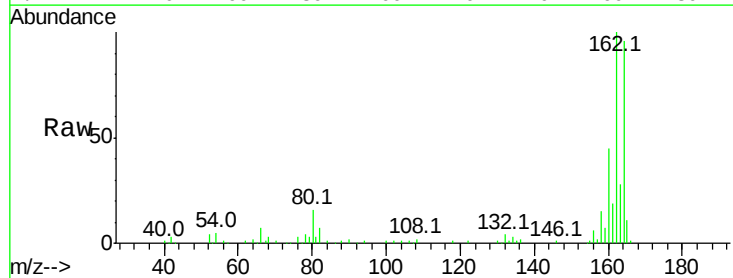
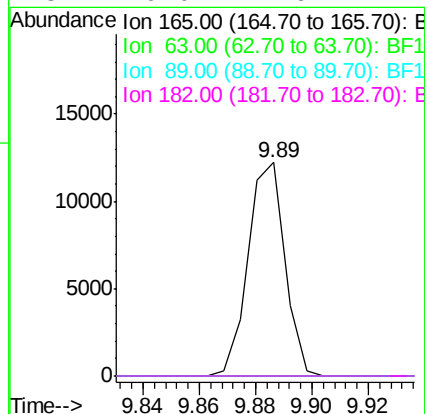
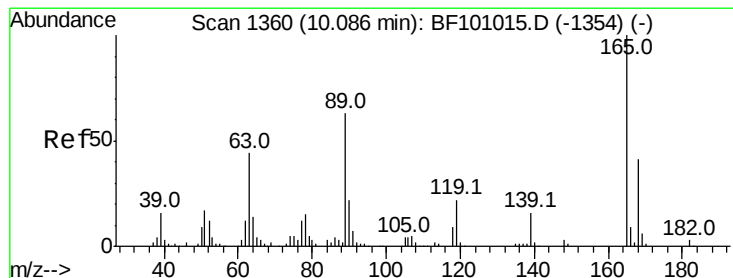
Instrument :
BNA_F
ClientSampleId :
DBNW1B-4-9

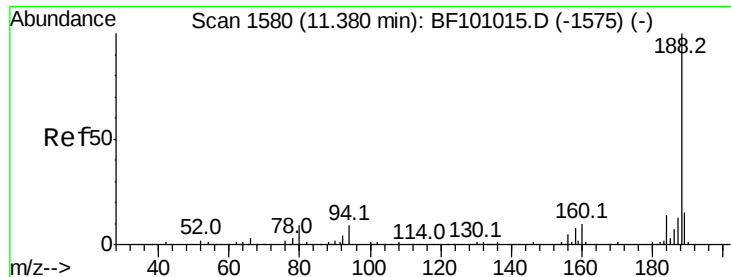
Tot Ion:163 Resp: 39338
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 11.2 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.427 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF101075.D
Acq: 1 Dec 2017 20:38

Tgt Ion:165 Resp: 11043
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

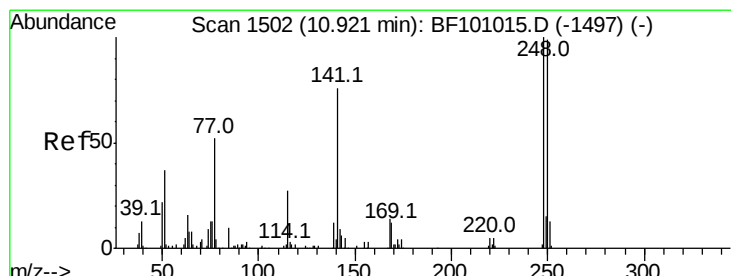
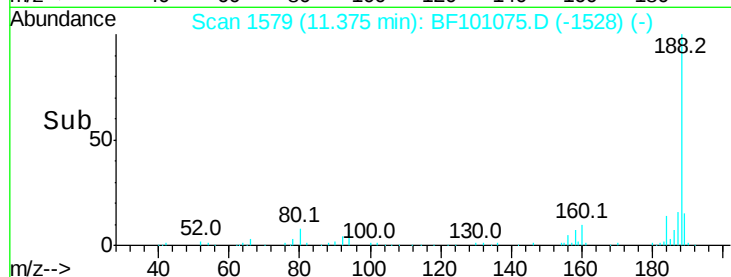
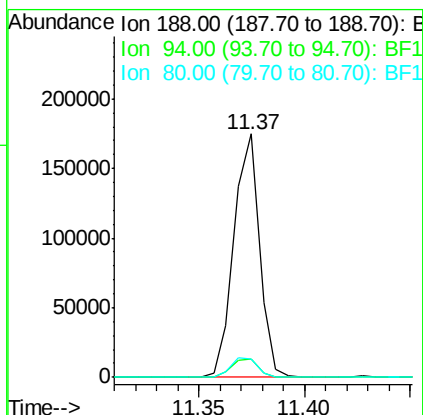
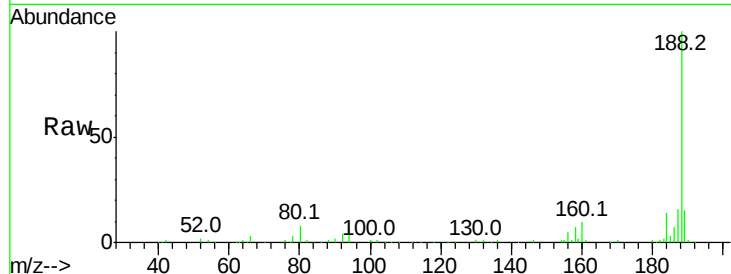




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101075.D
 Acq: 1 Dec 2017 20:38

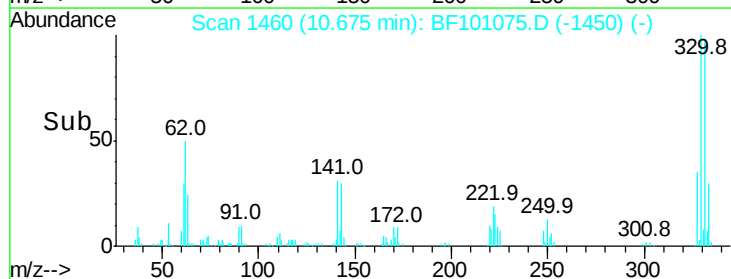
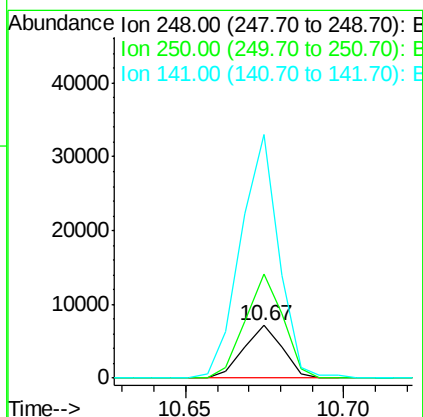
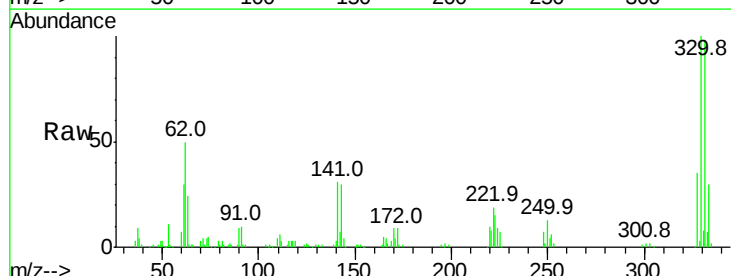
Instrument :
 BNA_F
 ClientSampleId :
 DBNW1B-4-9

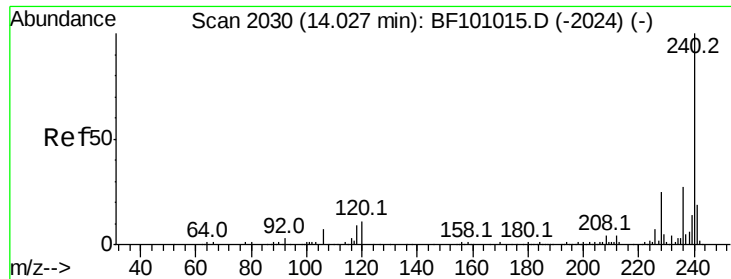
Tot Ion:188 Resp: 146301
 Ion Ratio Lower Upper
 188 100
 94 7.3 8.5 12.7#
 80 7.6 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.658 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101075.D
 Acq: 1 Dec 2017 20:38

Tgt Ion:248 Resp: 5991
 Ion Ratio Lower Upper
 248 100
 250 197.7 76.9 115.3#
 141 461.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101075.D

Acq: 1 Dec 2017 20:38

Instrument :

BNA_F

ClientSampleId :

DBNW1B-4-9

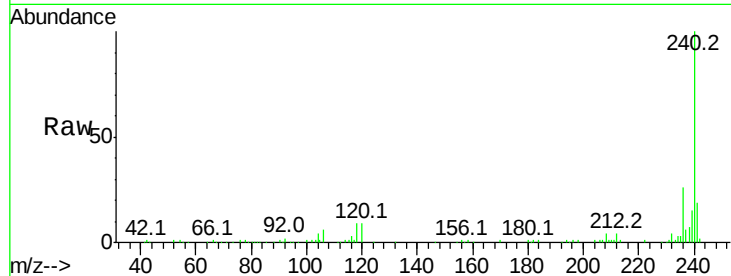
Tot Ion:240 Resp: 119168

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

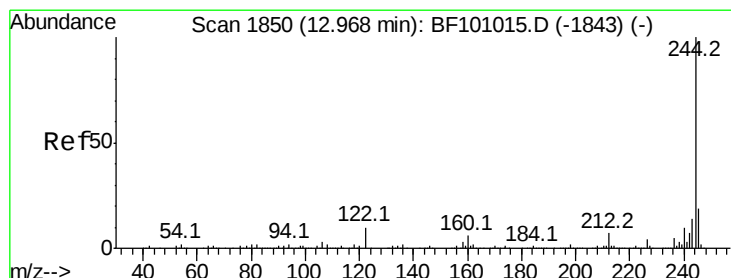
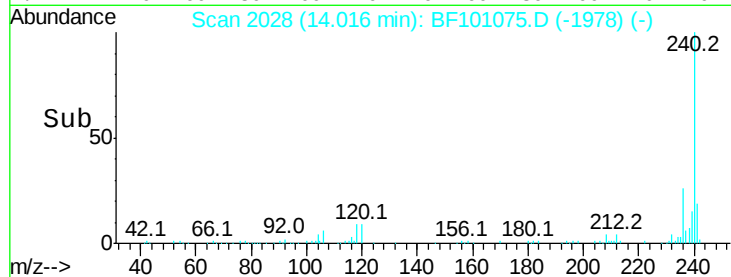
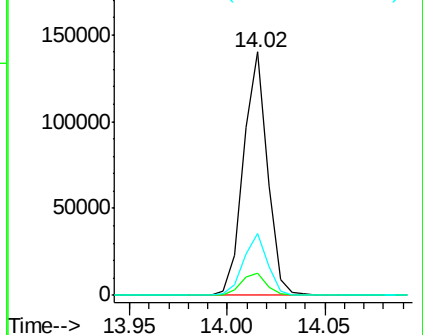
236 25.5 20.7 31.1



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: 70.754 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101075.D

Acq: 1 Dec 2017 20:38

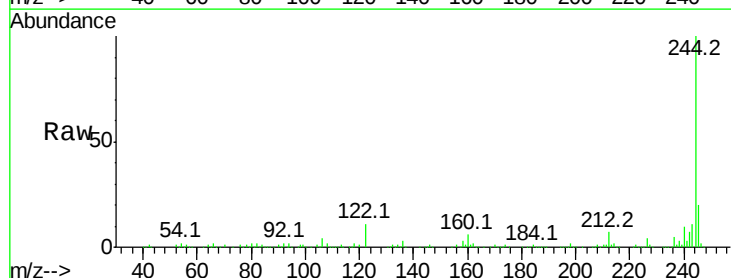
Tgt Ion:244 Resp: 385486

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

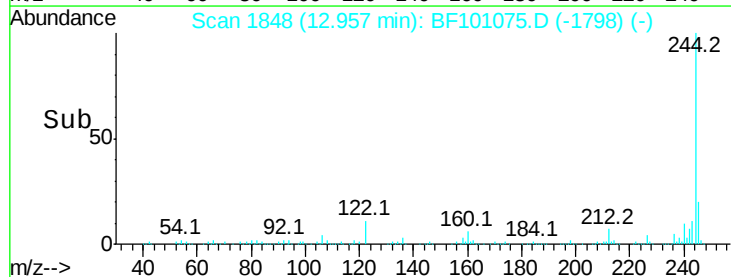
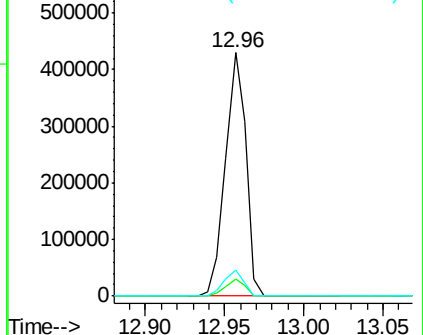
122 10.9 11.0 16.4#

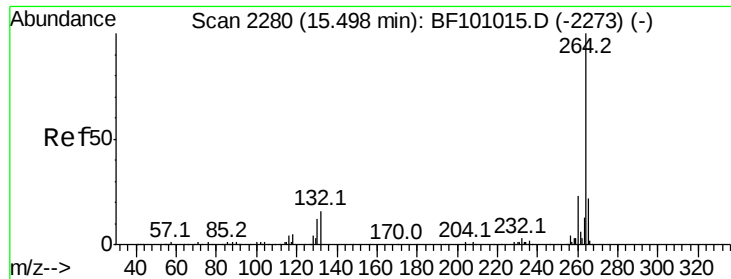


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF101075.D
 Acq: 1 Dec 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 DBNW1B-4-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	17.5	26.3

