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 Data File : BF101177.D
 Acq On : 6 Dec 2017 19:32
 Operator : SJ/JU
 Sample : I6738-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20

Quant Time: Dec 06 23:51:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

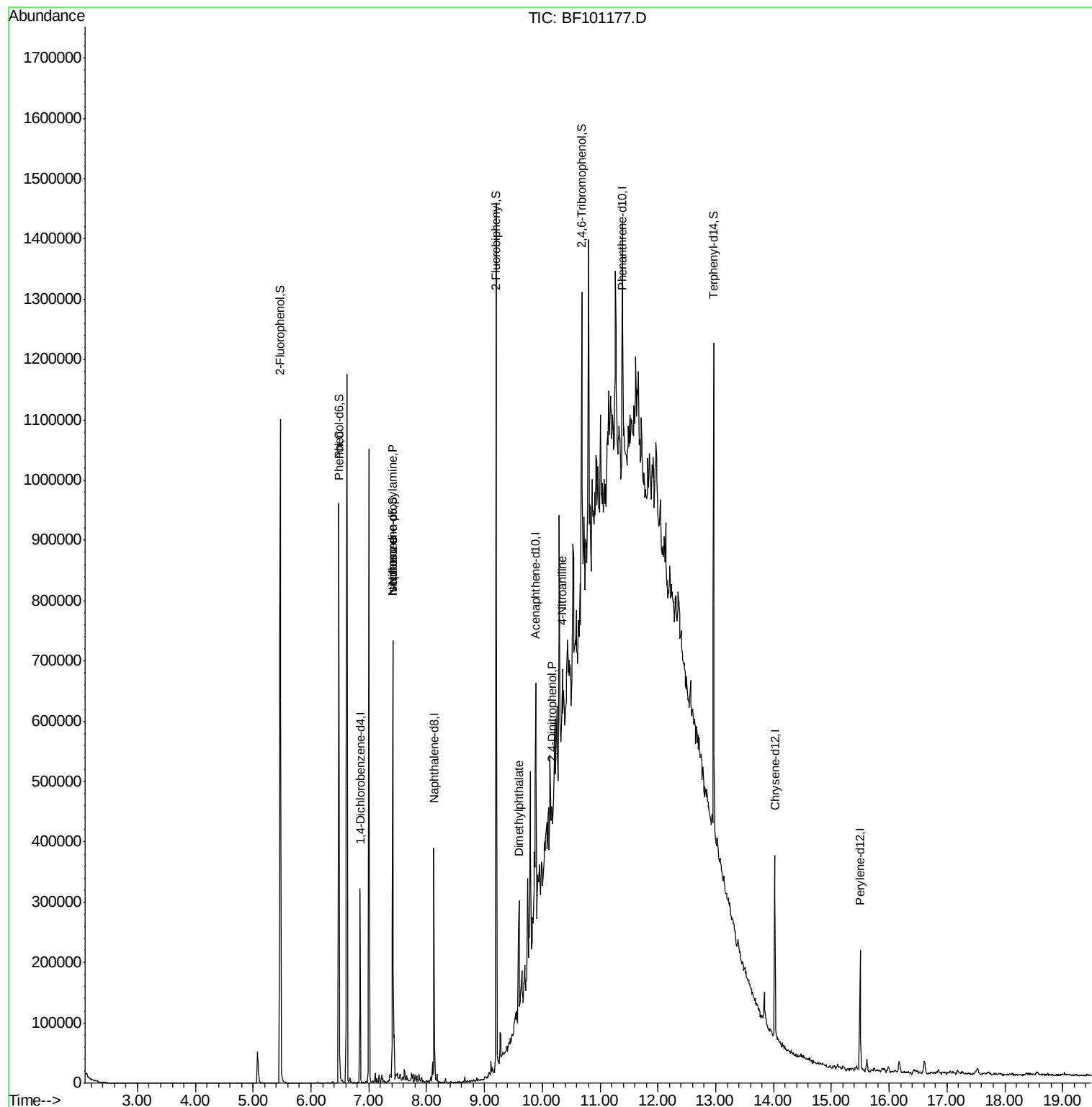
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	46502	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	174549	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	73154	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	106602	20.00	ng	0.01
75) Chrysene-d12	14.02	240	100253	20.00	ng	0.00
86) Perylene-d12	15.50	264	97601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	307634	109.32	ng	0.00
7) Phenol-d6	6.48	99	364894	106.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	218719	74.75	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	72054	81.99	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	438712	82.05	ng	0.00
78) Terphenyl-d14	12.96	244	292053	63.72	ng	0.00
Target Compounds						
10) Phenol	6.49	94	8440	2.222	ng	77
19) n-Nitroso-di-n-propylamine	7.42	70	32198	13.993	ng	# 83
25) Isophorone	7.42	82	218718	43.761	ng	# 64
49) Dimethylphthalate	9.60	163	43485	7.371	ng	# 98
53) 2,4-Dinitrophenol	10.17	184	939	6.208	ng	# 4
61) 4-Nitroaniline	10.35	138	5821	4.013	ng	79

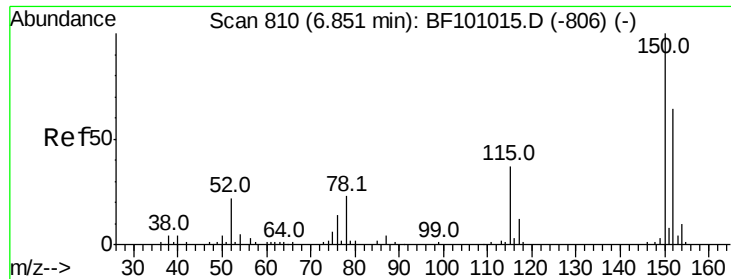
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101177.D
Acq On : 6 Dec 2017 19:32
Operator : SJ/JU
Sample : I6738-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
88-20-90-20

Quant Time: Dec 06 23:51:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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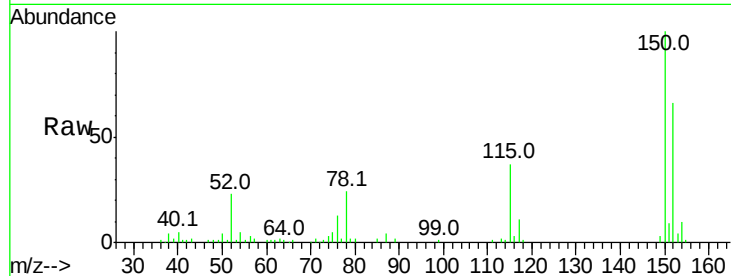


#1

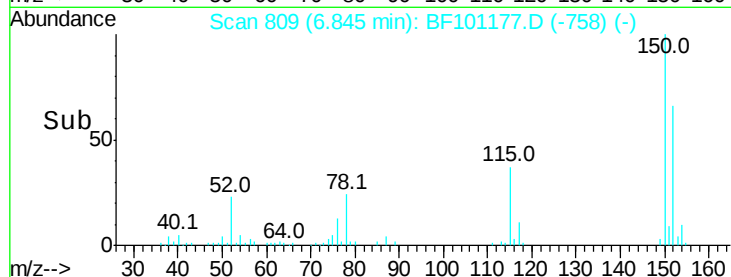
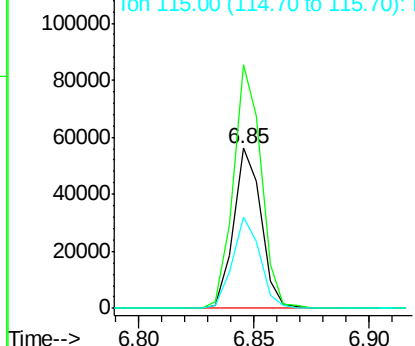
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101177.D
 Acq: 6 Dec 2017 19:32

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20

Tot Ion:152 Resp: 46502
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.6 186.8
 115 56.9 50.1 75.1



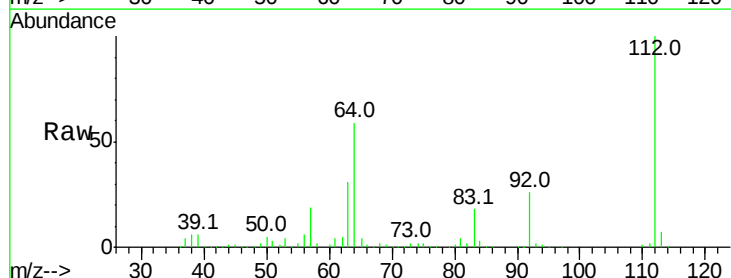
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



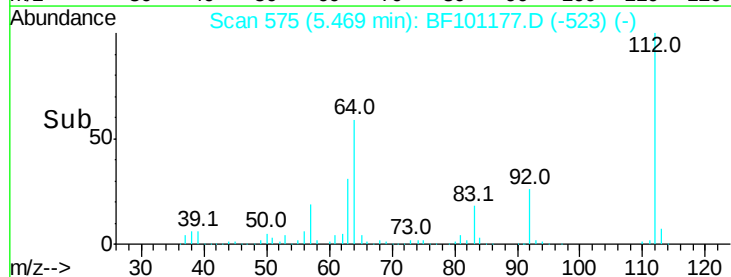
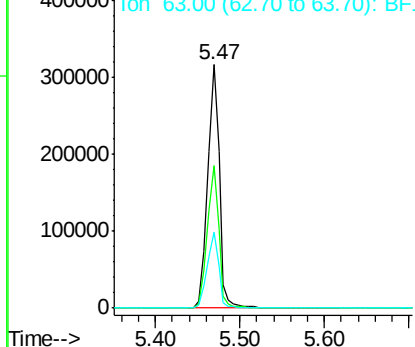
#5

2-Fluorophenol
 Concen: 109.317 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF101177.D
 Acq: 6 Dec 2017 19:32

Tgt Ion:112 Resp: 307634
 Ion Ratio Lower Upper
 112 100
 64 58.5 47.9 71.9
 63 31.0 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: 106.799 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

Instrument :

BNA_F

ClientSampleId :

88-20-90-20

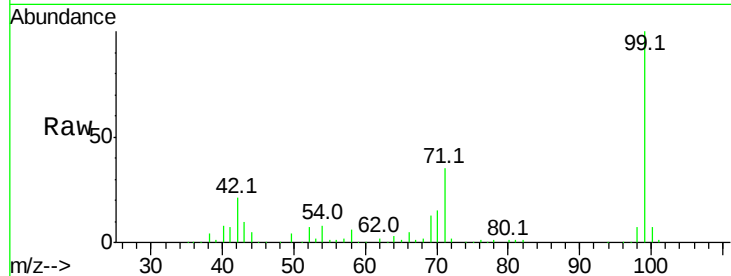
Tot Ion: 99 Resp: 364894

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

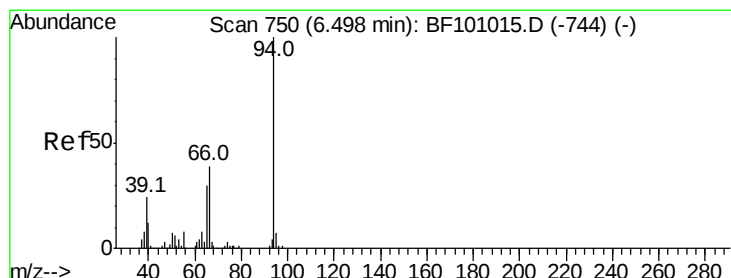
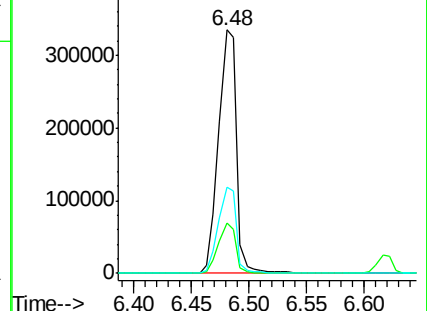
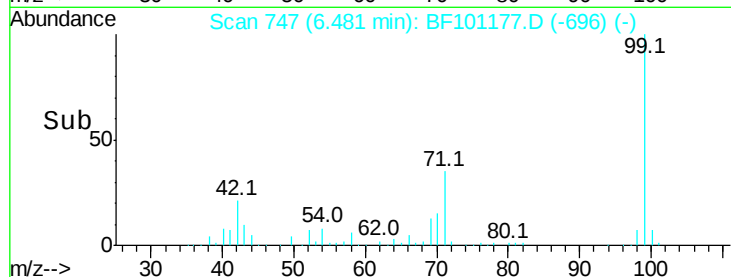
71 35.3 25.4 38.0



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: 2.222 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

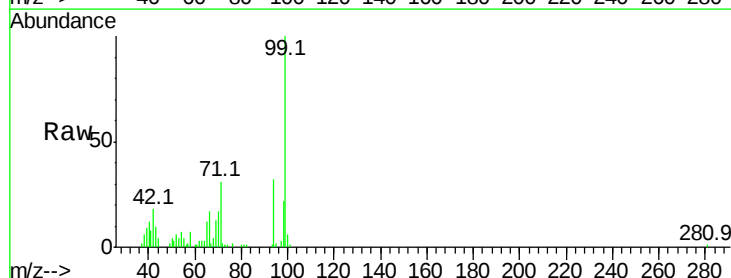
Tgt Ion: 94 Resp: 8440

Ion Ratio Lower Upper

94 100

65 37.8 7.9 47.9

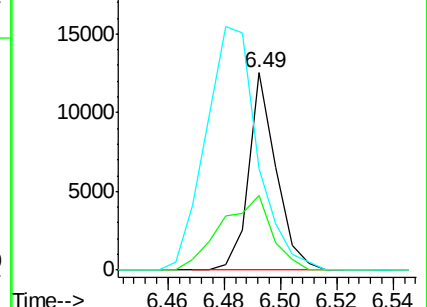
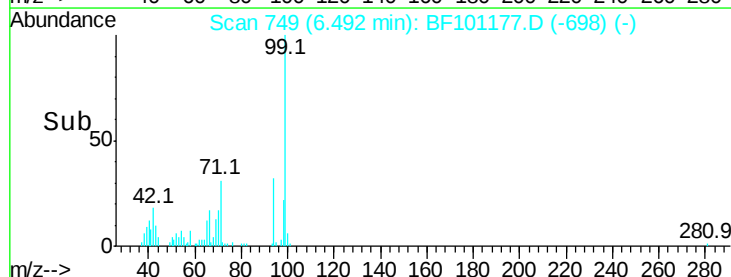
66 51.6 16.2 56.2



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

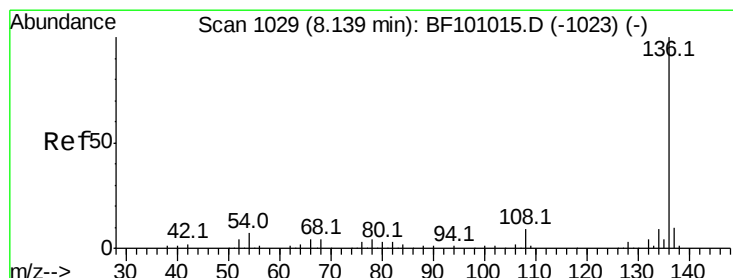
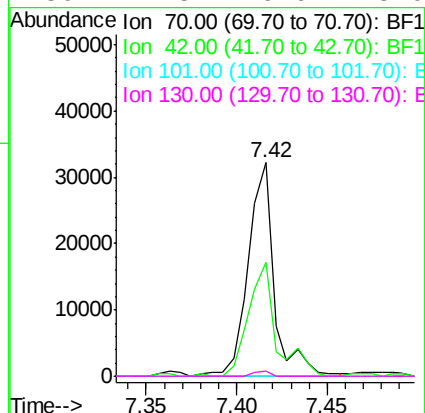
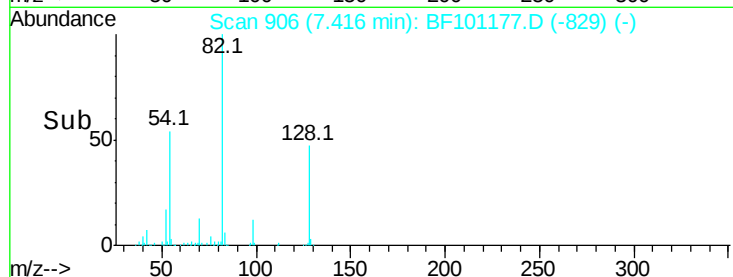
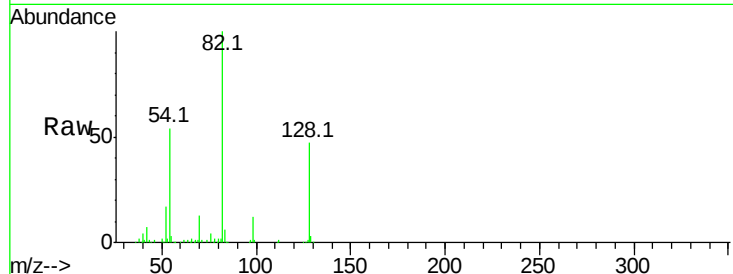




#19
n-Nitroso-di-n-propylamine
Concen: 13.993 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

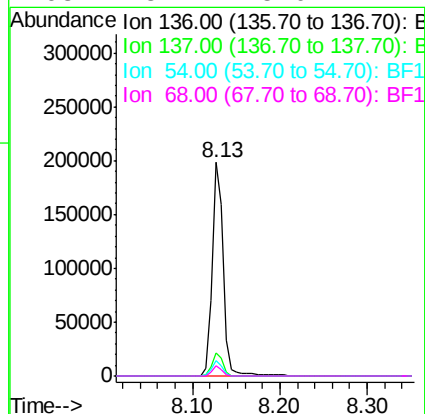
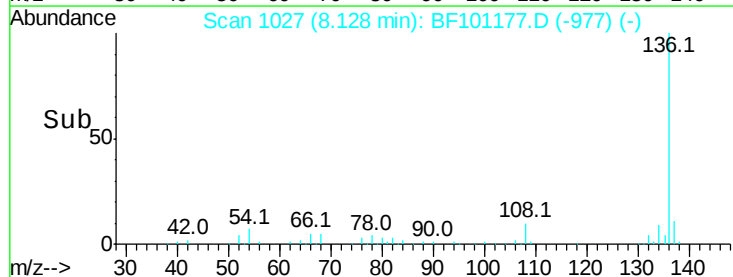
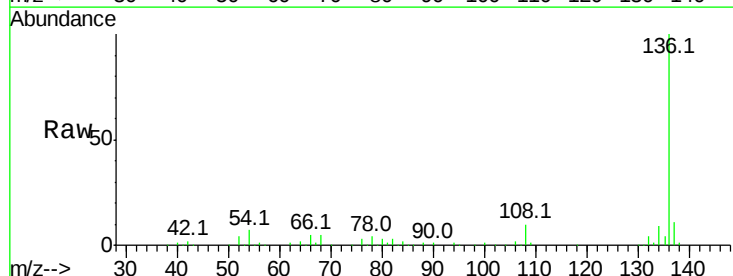
Instrument :
BNA_F
ClientSampleId :
88-20-90-20

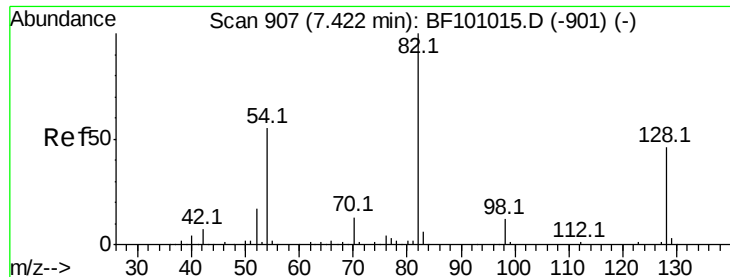
Tot Ion: 70 Resp: 32198
Ion Ratio Lower Upper
70 100
42 53.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

Tgt Ion: 136 Resp: 174549
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 6.6 9.8
68 5.1 5.0 7.4

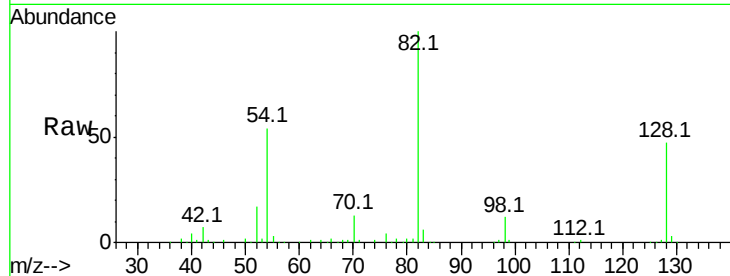




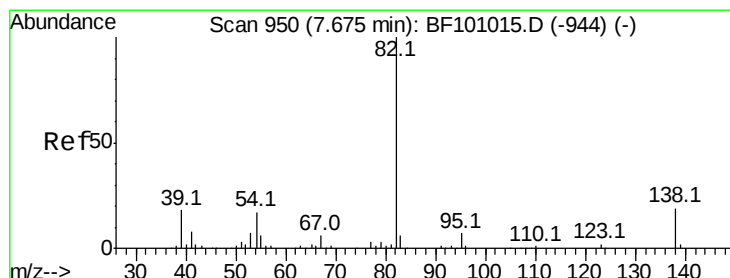
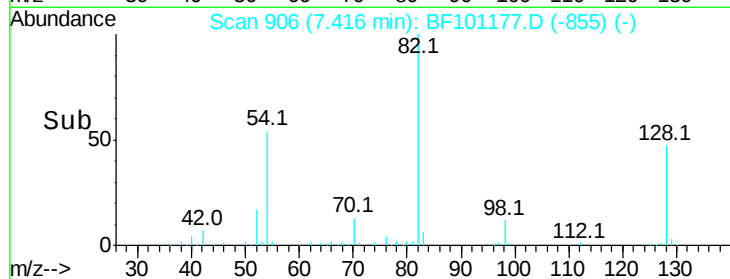
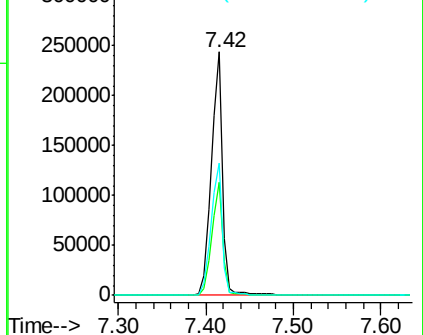
#23
 Nitrobenzene-d5
 Concen: 74.748 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101177.D
 Acq: 6 Dec 2017 19:32

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20

Tot Ion: 82 Resp: 218719
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 54.5 41.4 62.2

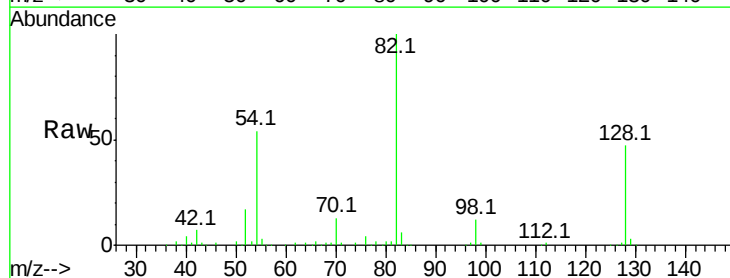


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

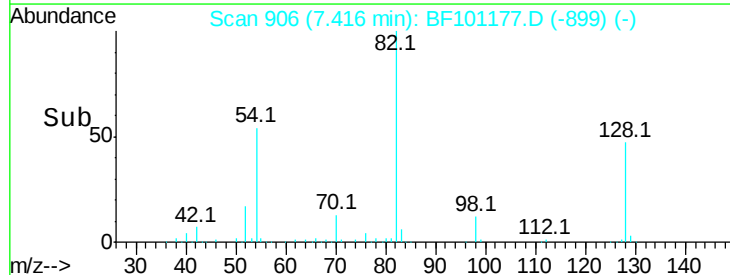
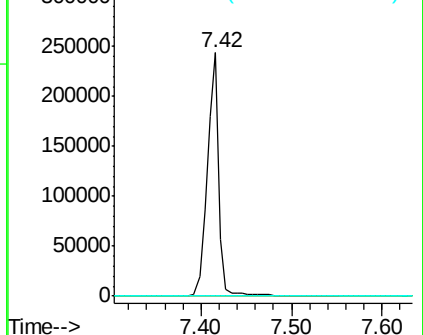


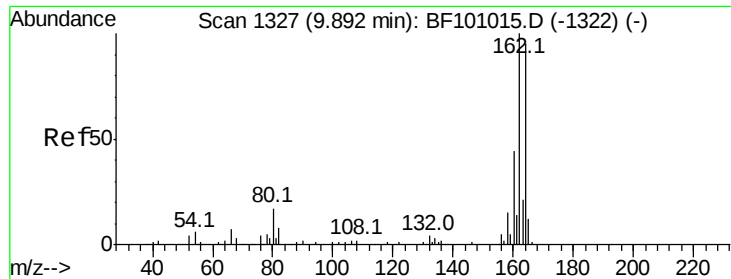
#25
 Isophorone
 Concen: 43.761 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF101177.D
 Acq: 6 Dec 2017 19:32

Tgt Ion: 82 Resp: 218718
 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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

Instrument :

BNA_F

ClientSampleId :

88-20-90-20

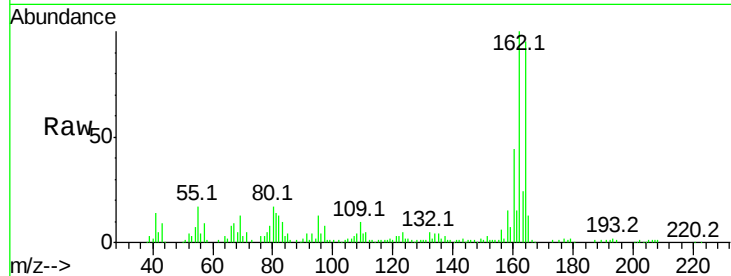
Tot Ion:164 Resp: 73154

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

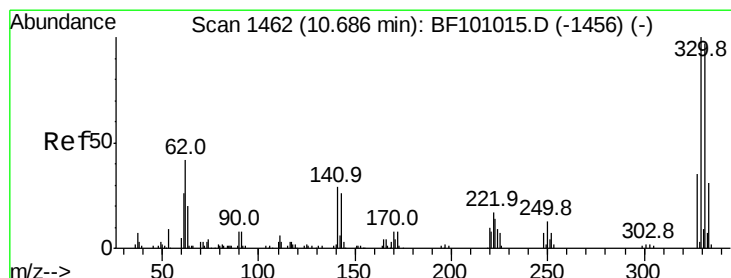
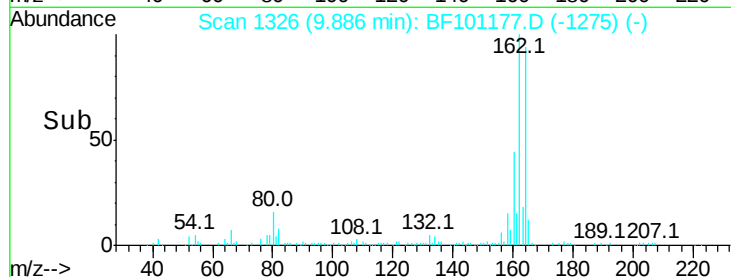
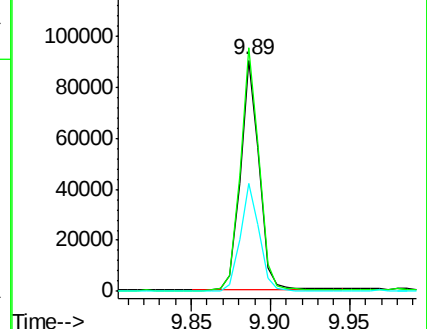
160 46.4 38.3 57.5



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: 81.993 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

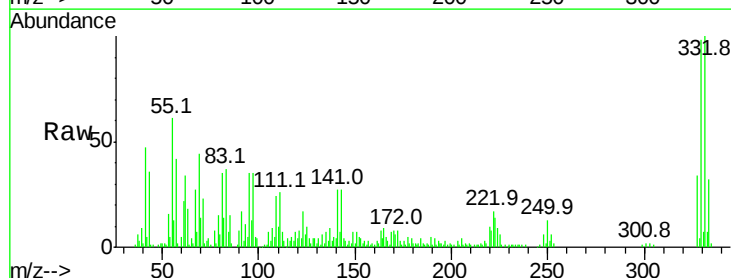
Tgt Ion:330 Resp: 72054

Ion Ratio Lower Upper

330 100

332 99.0 77.0 115.6

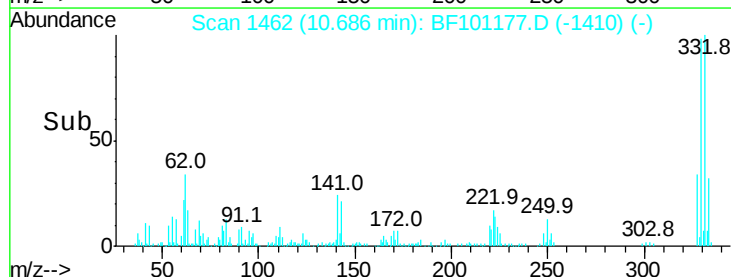
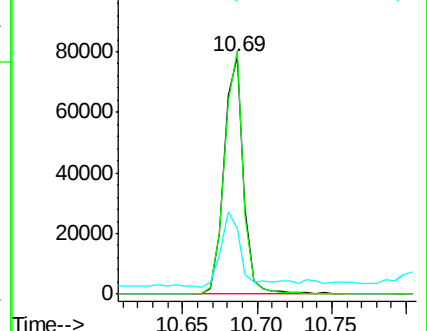
141 32.2 29.9 44.9

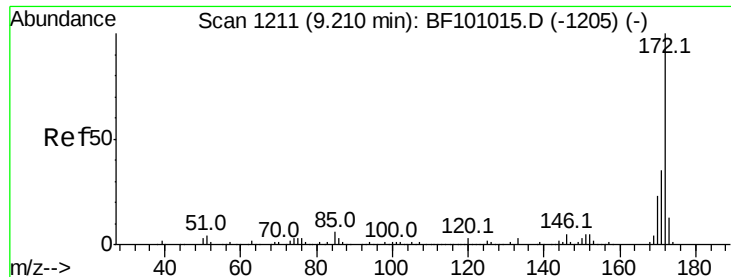


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

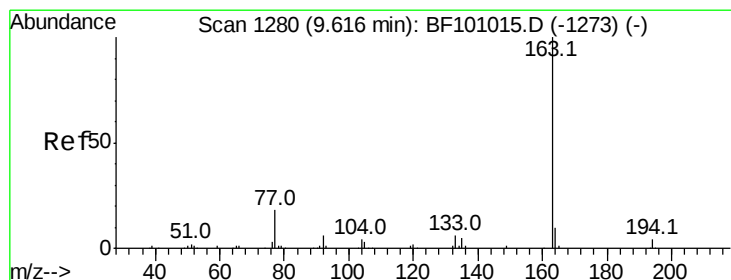
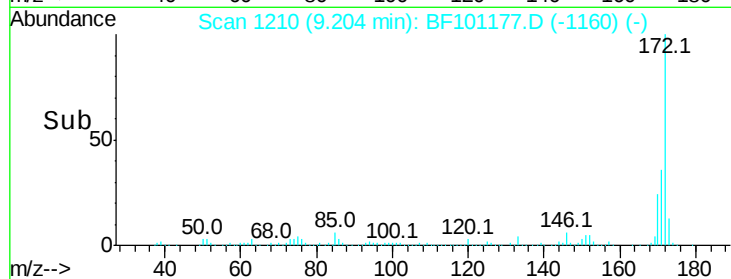
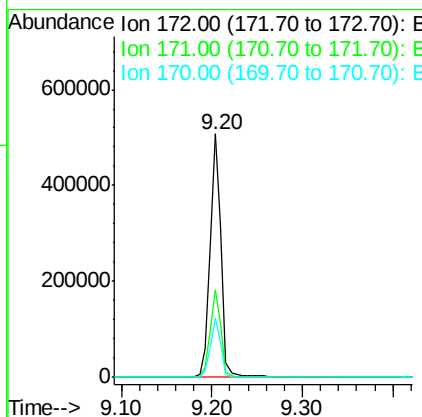
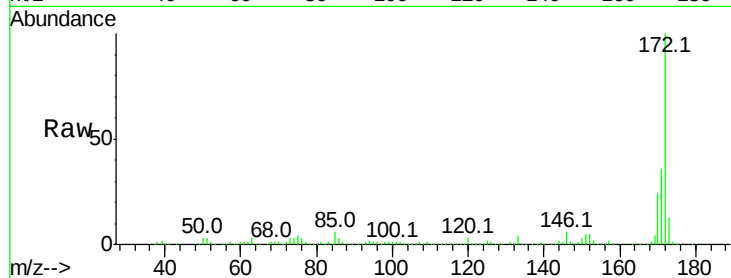




#44
2-Fluorobiphenyl
Concen: 82.052 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

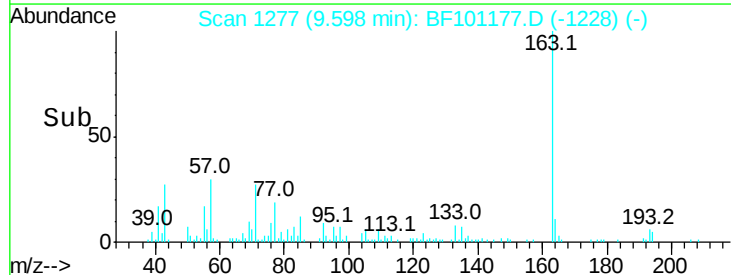
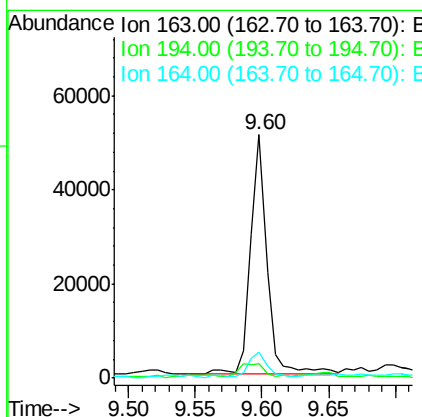
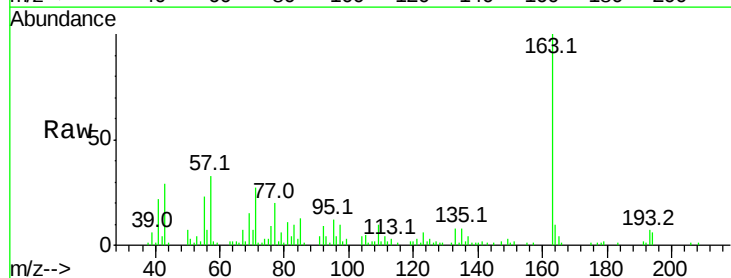
Instrument :
BNA_F
ClientSampleId :
88-20-90-20

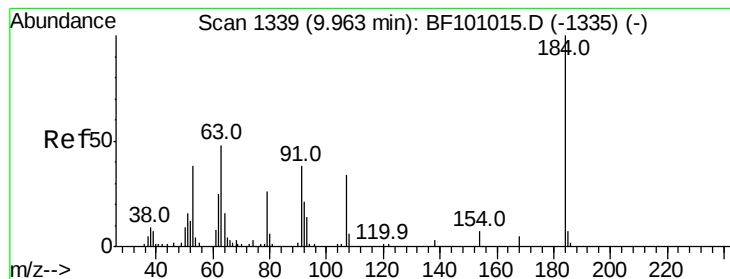
Tot Ion:172 Resp: 438712
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 7.371 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

Tgt Ion:163 Resp: 43485
Ion Ratio Lower Upper
163 100
194 5.8 2.7 4.1#
164 10.5 8.2 12.2





#53

2,4-Dinitrophenol

Concen: 6.208 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.21 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

Instrument :

BNA_F

ClientSampleId :

88-20-90-20

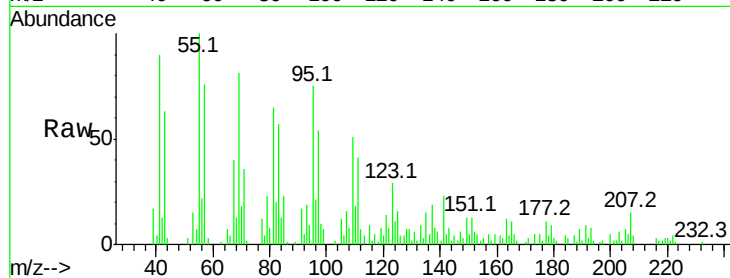
Tot Ion:184 Resp: 939

Ion Ratio Lower Upper

184 100

63 34.7 54.2 81.2#

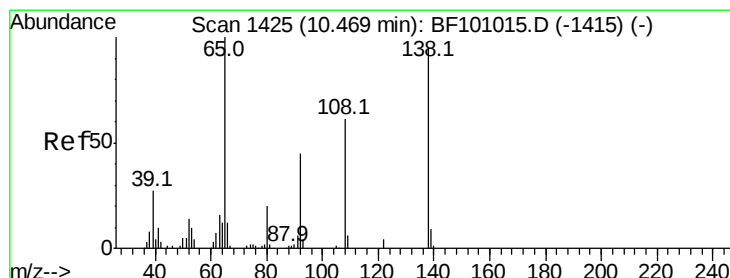
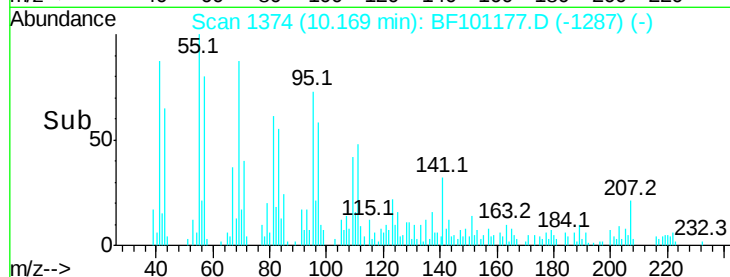
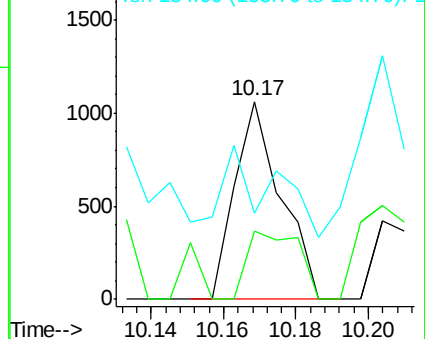
154 43.4 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#61

4-Nitroaniline

Concen: 4.013 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.12 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

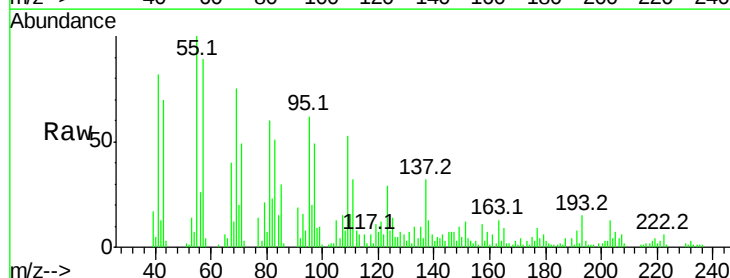
Tgt Ion:138 Resp: 5821

Ion Ratio Lower Upper

138 100

92 30.4 30.2 70.2

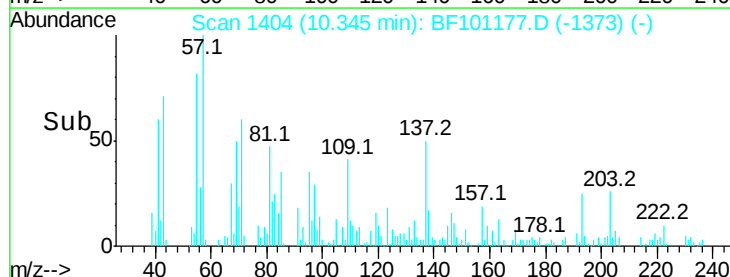
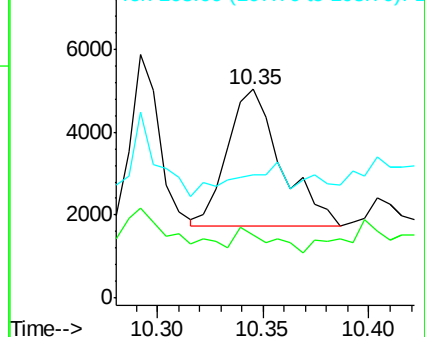
108 58.8 52.5 92.5

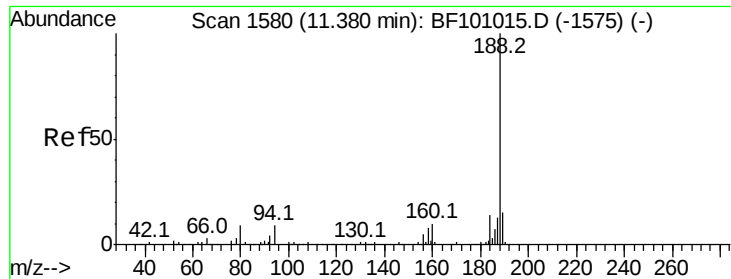


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

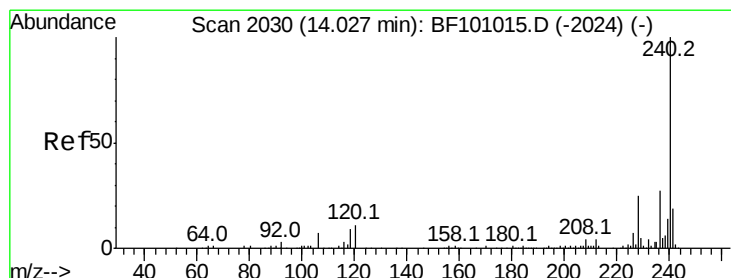
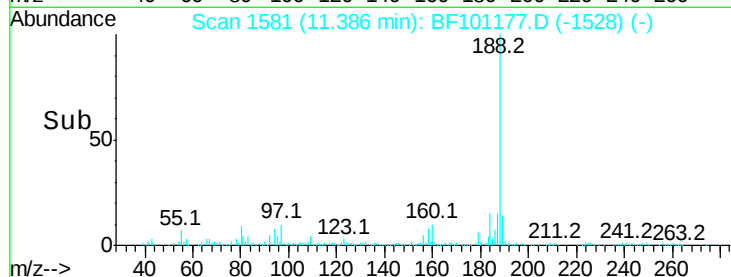
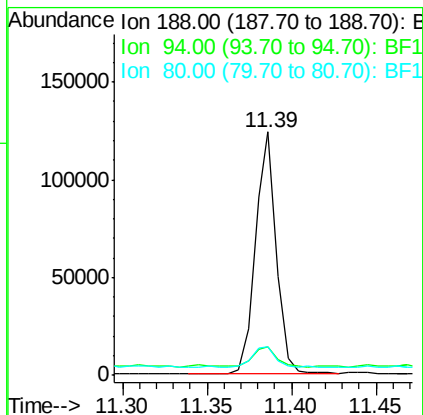
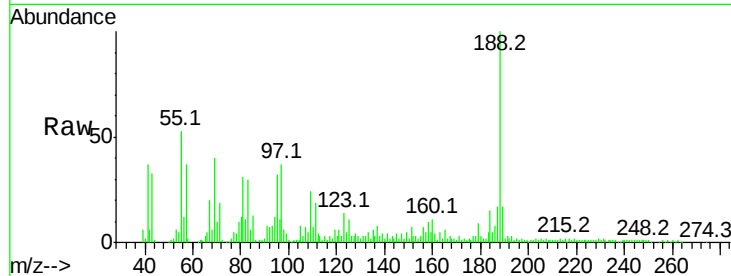




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

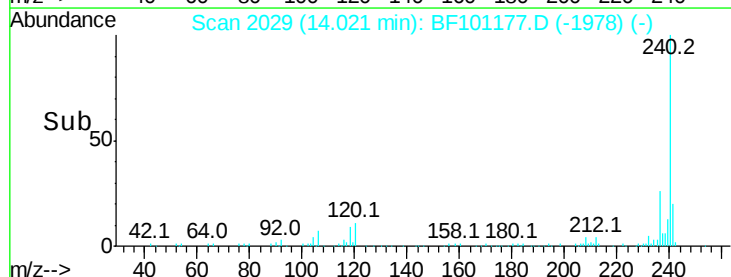
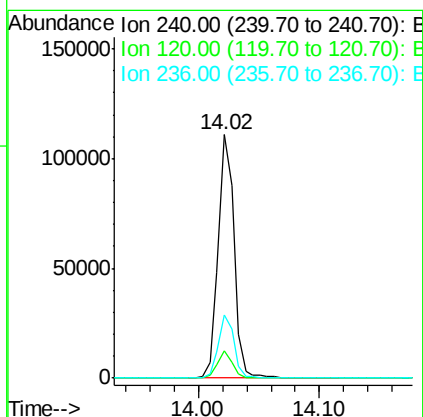
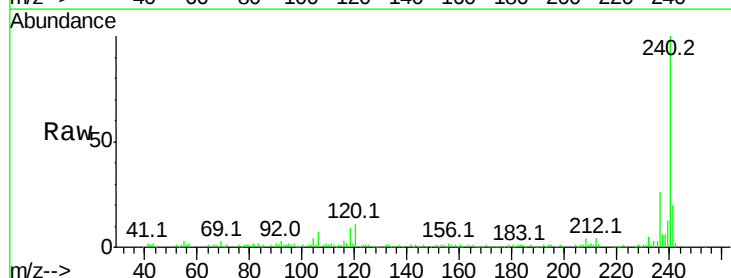
Instrument :
BNA_F
ClientSampleId :
88-20-90-20

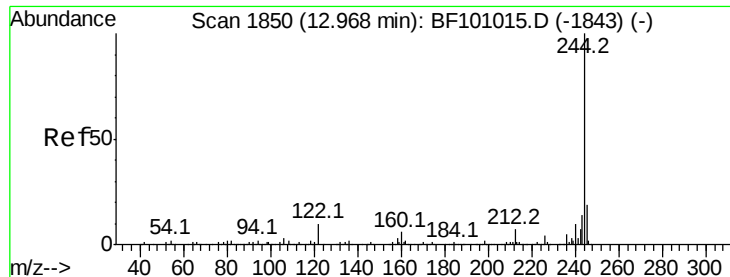
Tot Ion:188 Resp: 106602
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101177.D
Acq: 6 Dec 2017 19:32

Tgt Ion:240 Resp: 100253
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 63.718 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

Instrument :

BNA_F

ClientSampleId :

88-20-90-20

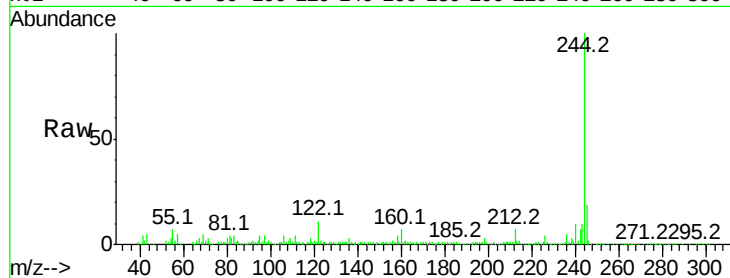
Tot Ion:244 Resp: 292053

Ion Ratio Lower Upper

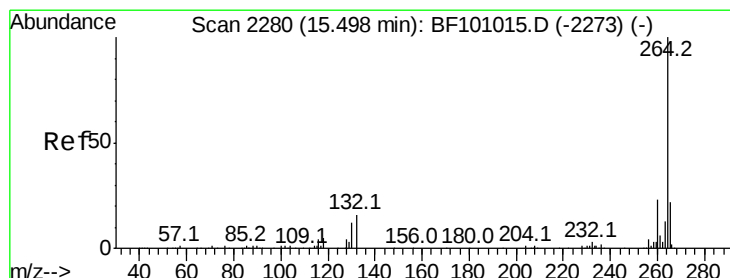
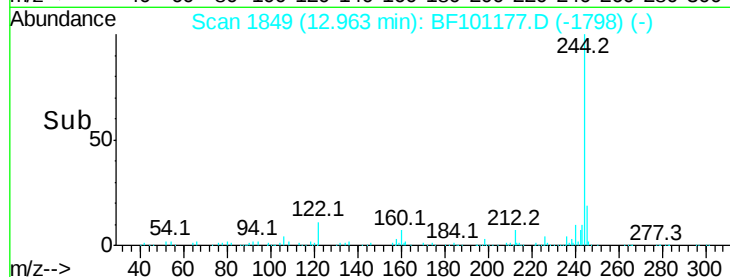
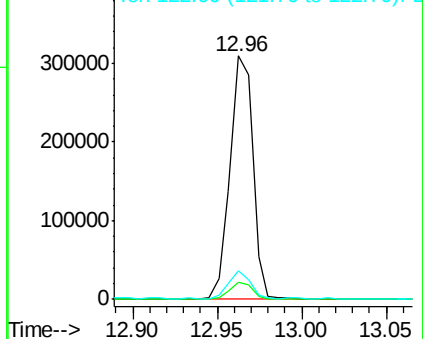
244 100

212 6.9 5.4 8.0

122 11.5 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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101177.D

Acq: 6 Dec 2017 19:32

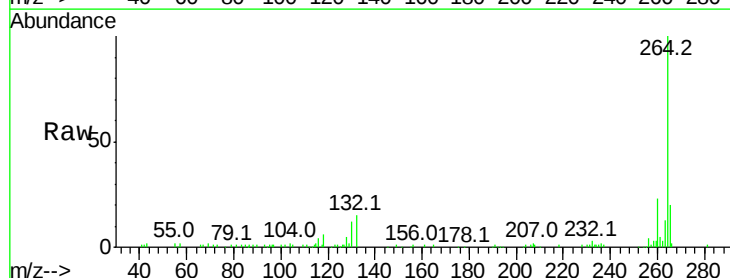
Tgt Ion:264 Resp: 97601

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.3 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

