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 Data File : BF100102.D
 Acq On : 2 Nov 2017 23:06
 Operator : SJ/JU
 Sample : I6207-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Nov 03 03:58:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

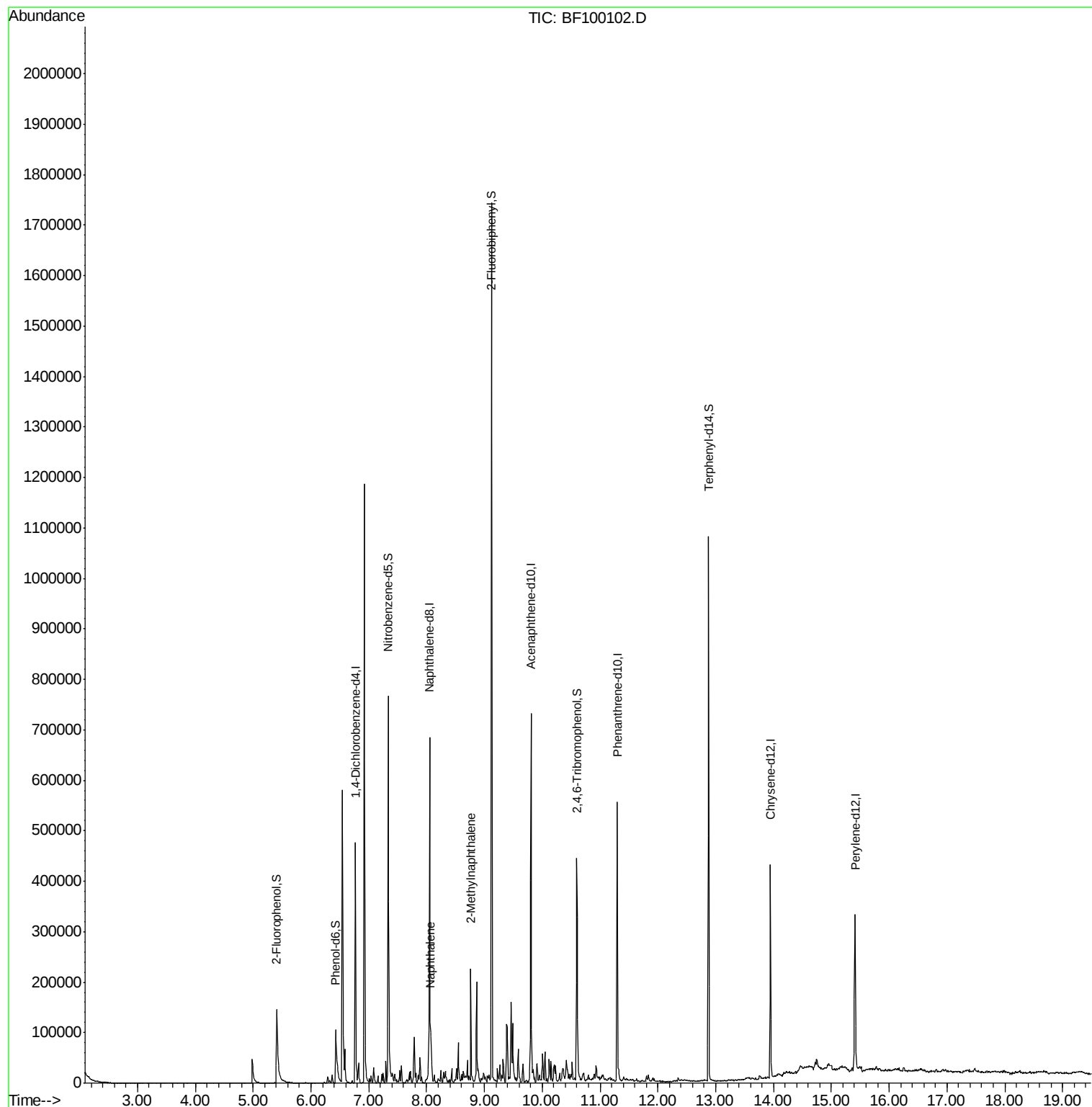
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	81496	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	323017	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	137302	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	202713	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	142259	20.00	ng	-0.03
86) Perylene-d12	15.41	264	140963	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	104424	20.12	ng	0.01
7) Phenol-d6	6.43	99	77878	12.65	ng	0.00
23) Nitrobenzene-d5	7.34	82	270202	53.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	54362	43.45	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	558716	62.78	ng	-0.01
78) Terphenyl-d14	12.87	244	346420	53.22	ng	-0.02
Target Compounds						
31) Naphthalene	8.07	128	37526	2.407	ng	97
37) 2-Methylnaphthalene	8.76	142	65351	6.254	ng	95

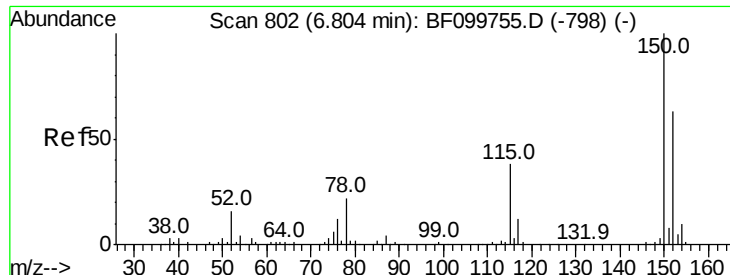
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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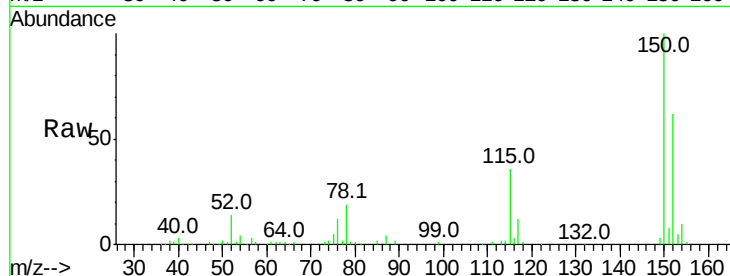


#1

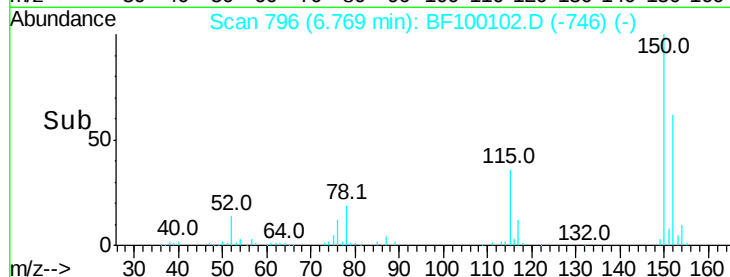
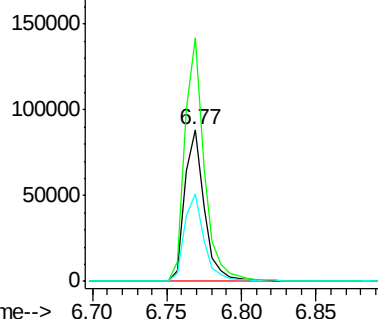
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion:152 Resp: 81496
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.6 186.8
 115 57.7 50.1 75.1



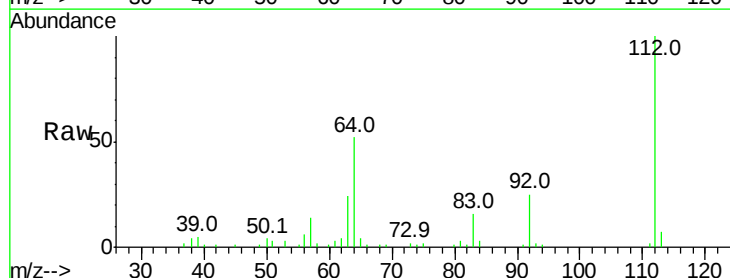
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



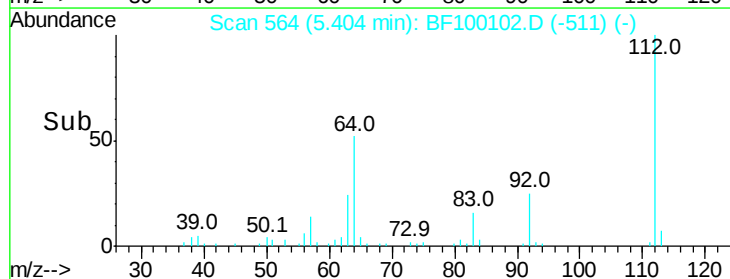
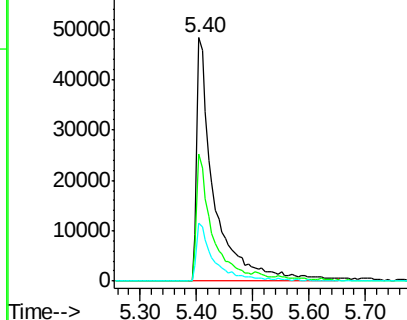
#5

2-Fluorophenol
 Concen: 20.117 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Tgt Ion:112 Resp: 104424
 Ion Ratio Lower Upper
 112 100
 64 52.0 47.9 71.9
 63 23.9 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: 12.653 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF100102.D

Acq: 2 Nov 2017 23:06

Instrument :

BNA_F

ClientSampleId :

MW-02

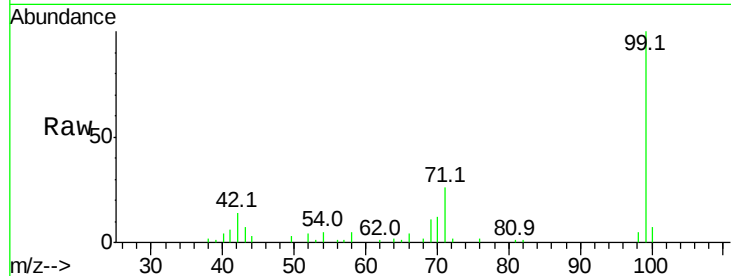
Tot Ion: 99 Resp: 77878

Ion Ratio Lower Upper

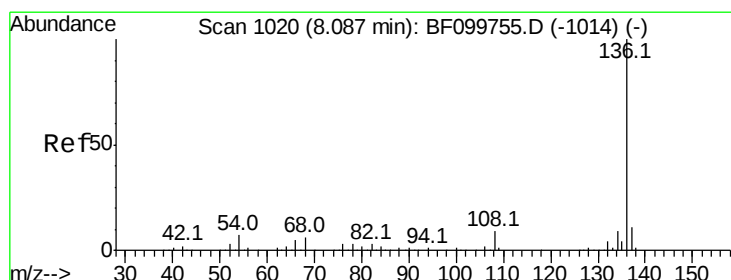
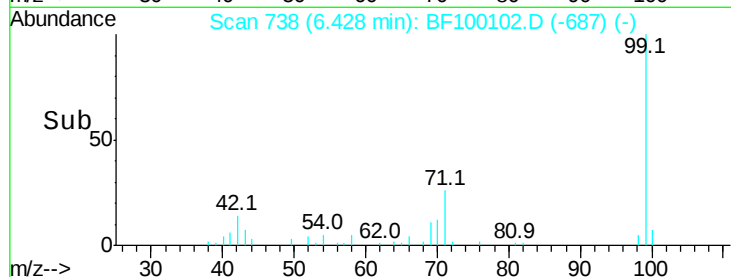
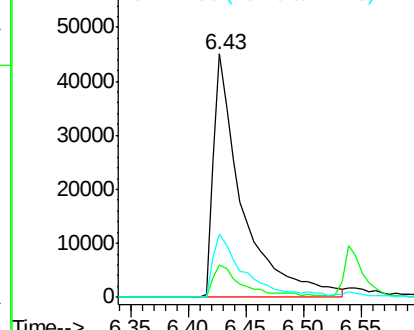
99 100

42 13.5 14.5 21.7#

71 25.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100102.D

Acq: 2 Nov 2017 23:06

Tgt Ion: 136 Resp: 323017

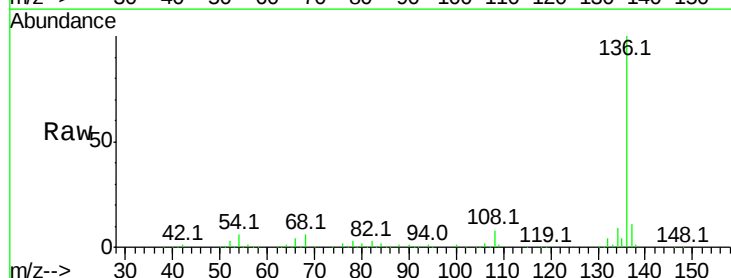
Ion Ratio Lower Upper

136 100

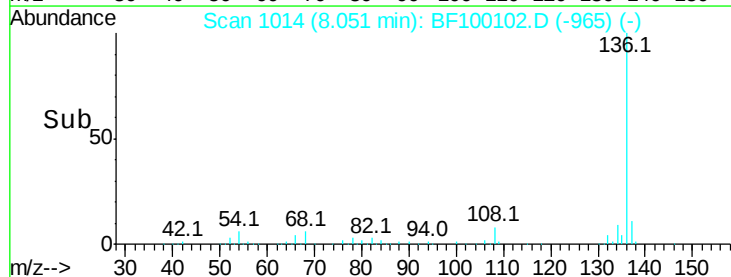
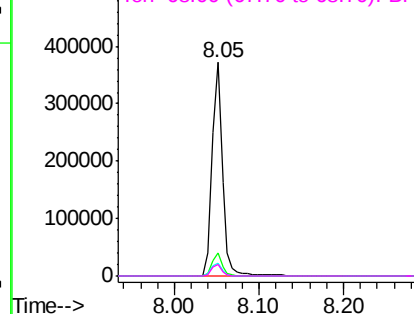
137 10.9 8.9 13.3

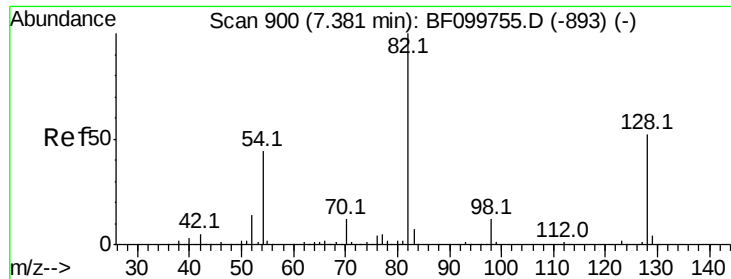
54 5.8 6.6 9.8#

68 5.5 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

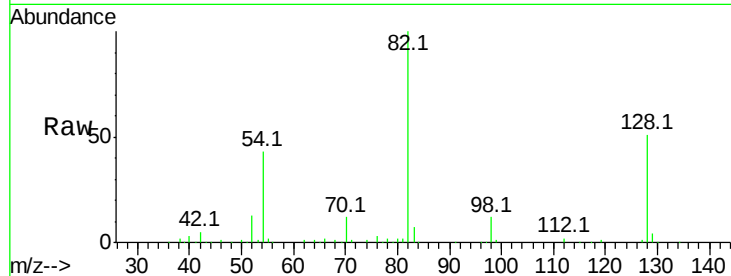




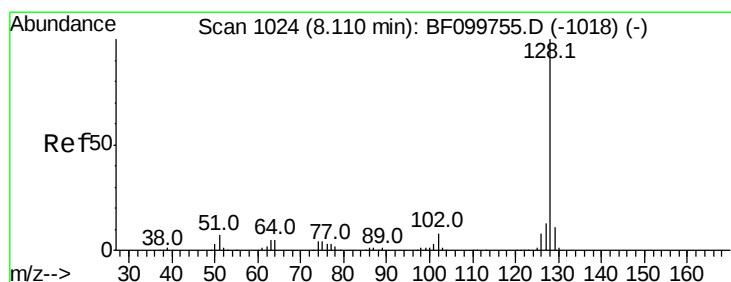
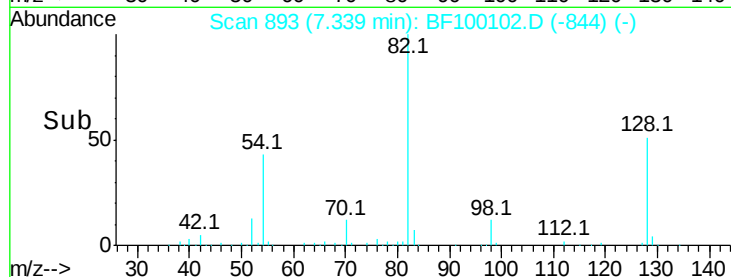
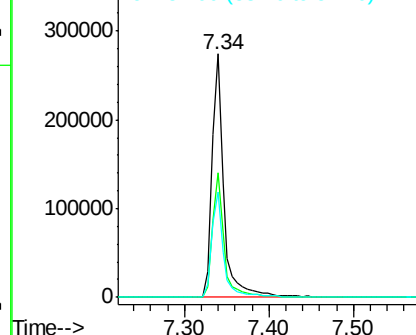
#23
Nitrobenzene-d5
Concen: 53.854 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion: 82 Resp: 270202
Ion Ratio Lower Upper
82 100
128 51.2 36.1 54.1
54 43.4 41.4 62.2

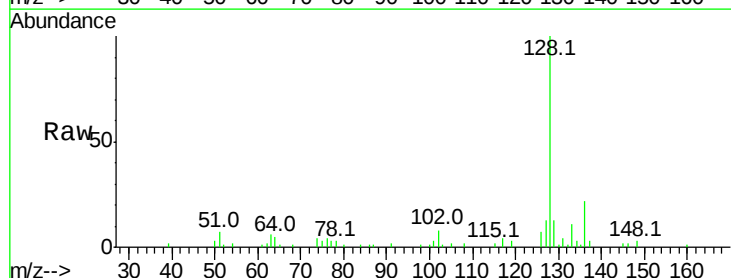


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

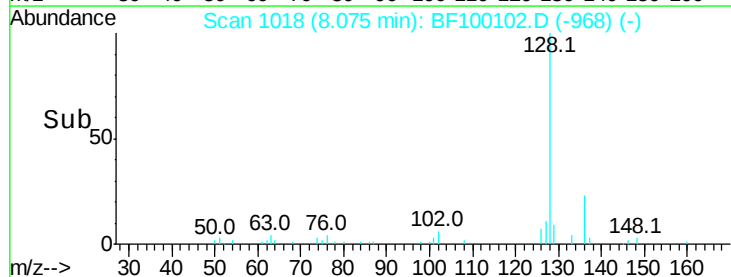
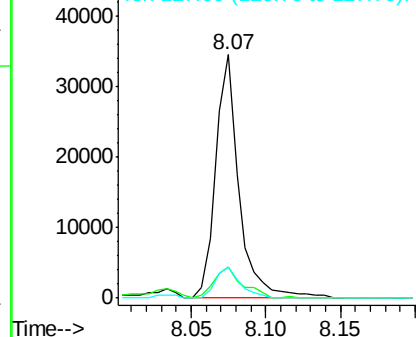


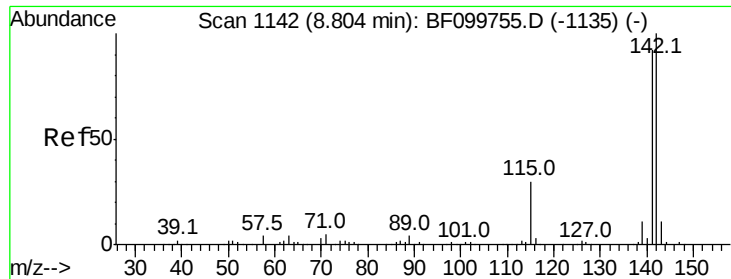
#31
Naphthalene
Concen: 2.407 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Tgt Ion: 128 Resp: 37526
Ion Ratio Lower Upper
128 100
129 12.6 8.8 13.2
127 12.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

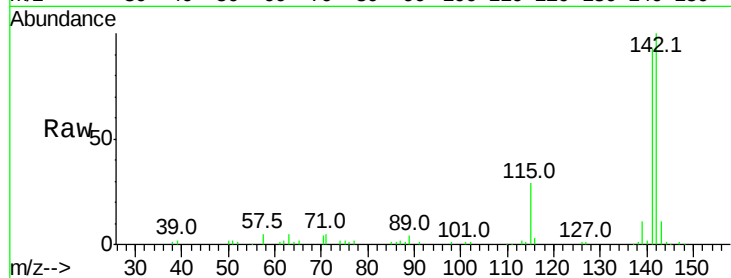




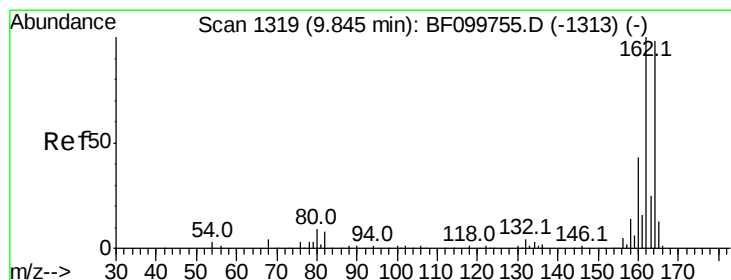
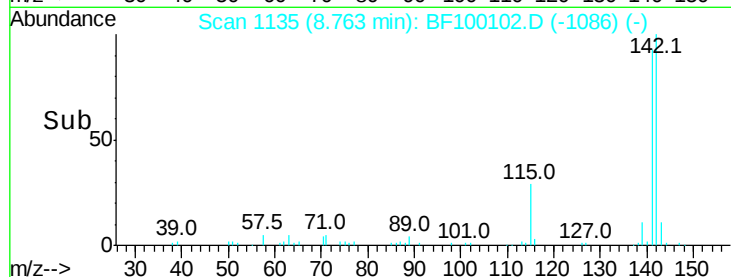
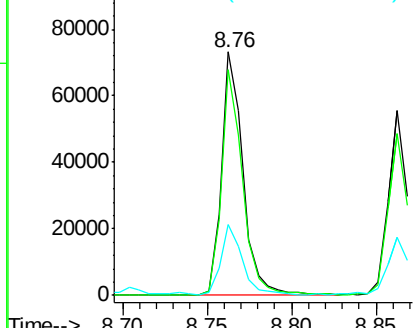
#37
2-Methylnaphthalene
Concen: 6.254 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:142 Resp: 65351
Ion Ratio Lower Upper
142 100
141 92.5 70.8 106.2
115 28.9 26.1 39.1

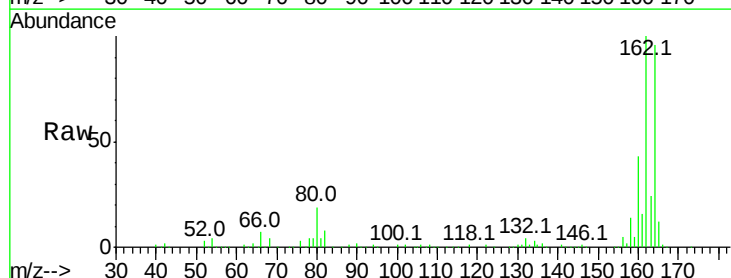


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

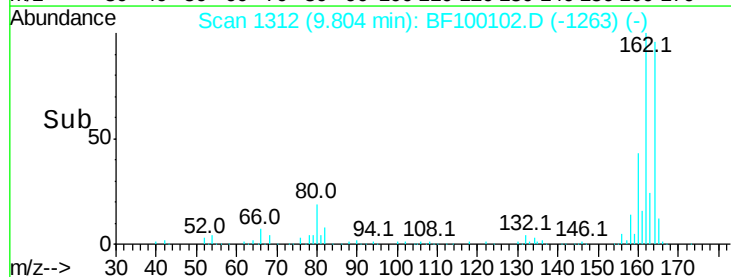
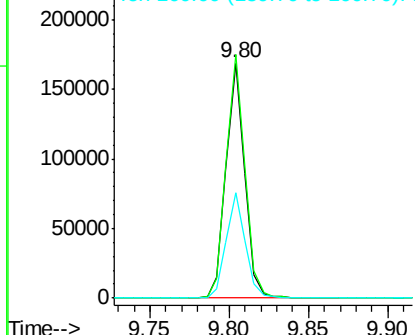


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Tgt Ion:164 Resp: 137302
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 45.1 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

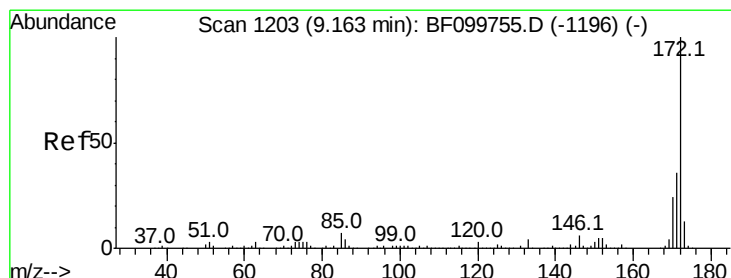
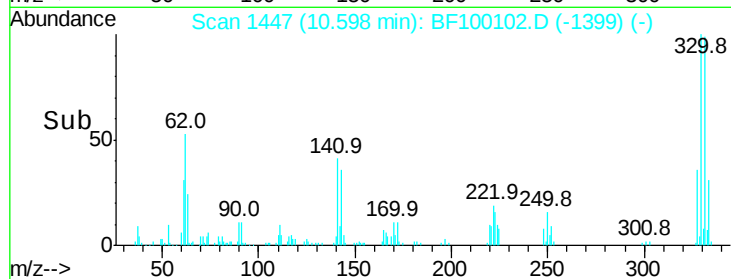
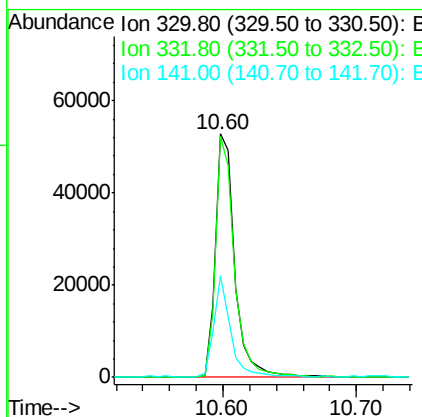
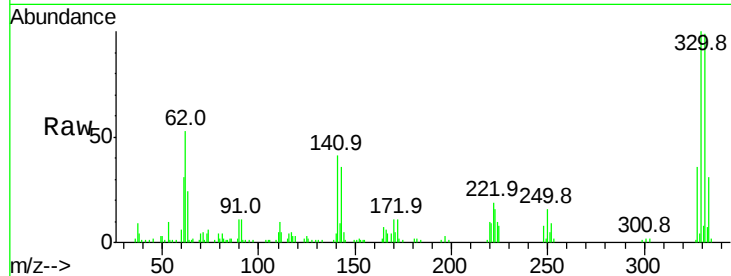




#41
 2,4,6-Tribromophenol
 Concen: 43.446 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

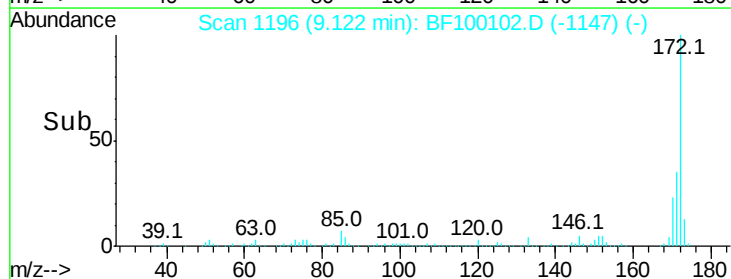
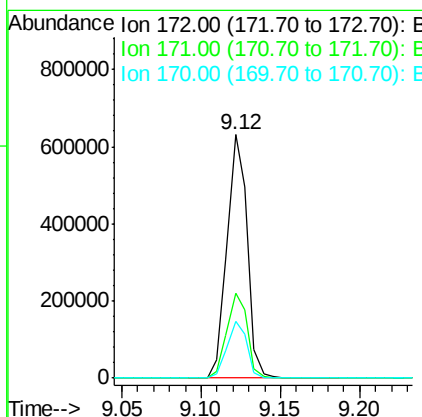
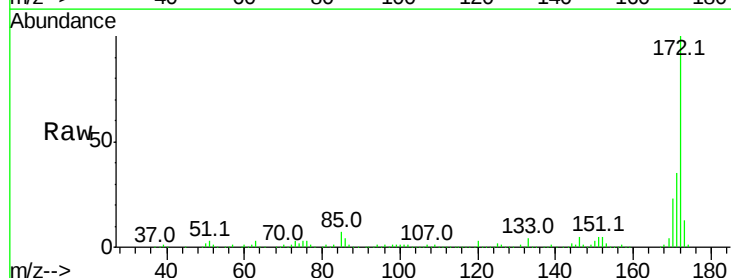
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

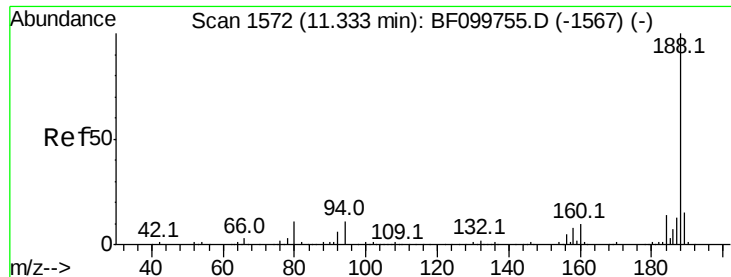
Tot Ion:330 Resp: 54362
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 37.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 62.782 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Tgt Ion:172 Resp: 558716
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.1 19.6 29.4

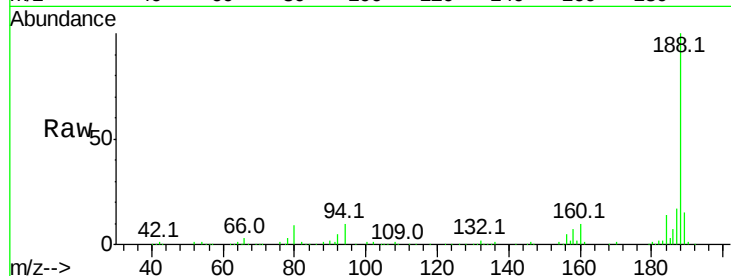




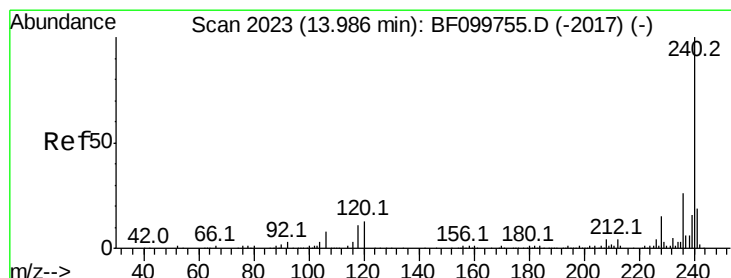
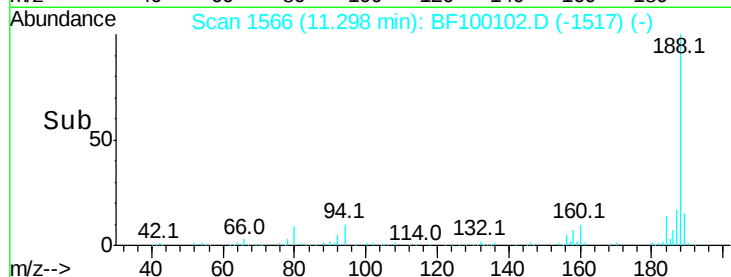
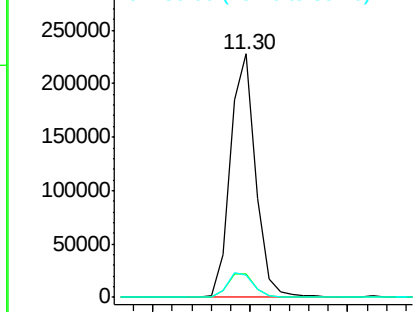
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:188 Resp: 202713
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.4 9.2 13.8

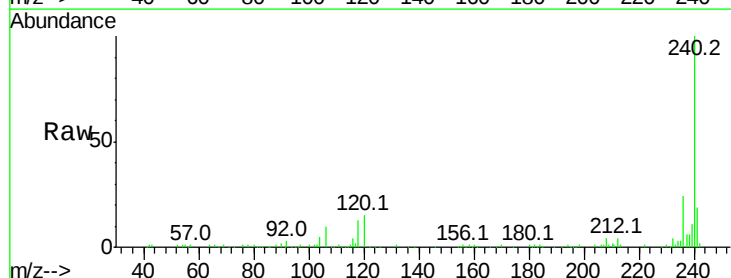


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

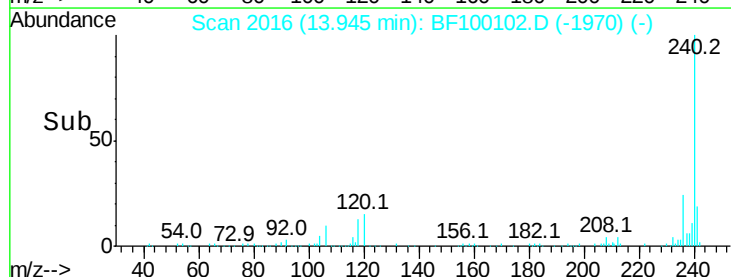
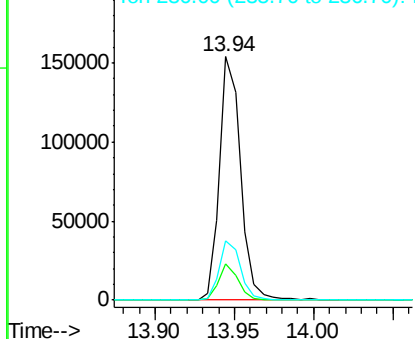


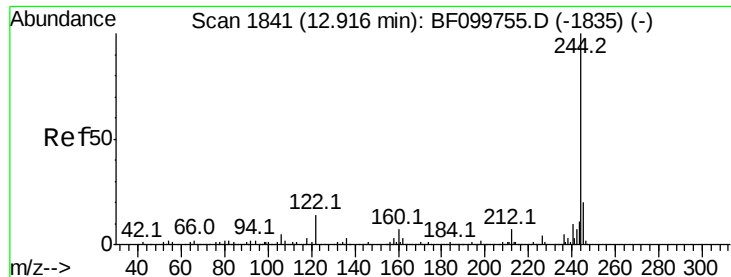
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Tgt Ion:240 Resp: 142259
Ion Ratio Lower Upper
240 100
120 15.2 9.5 14.3#
236 24.4 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

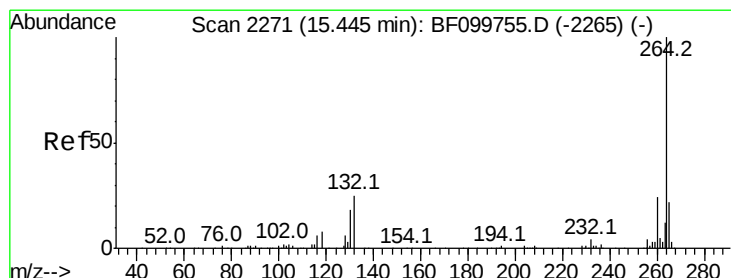
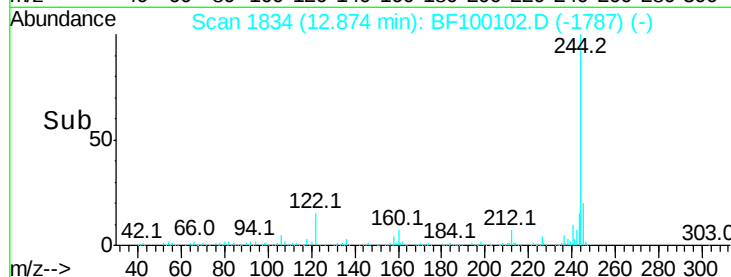
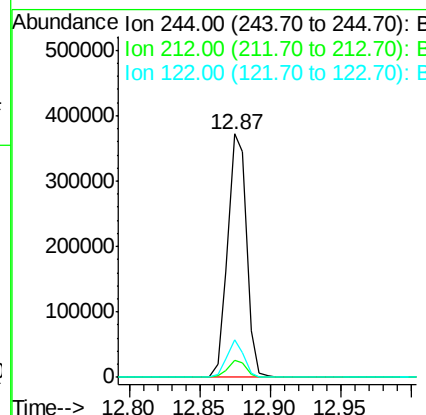
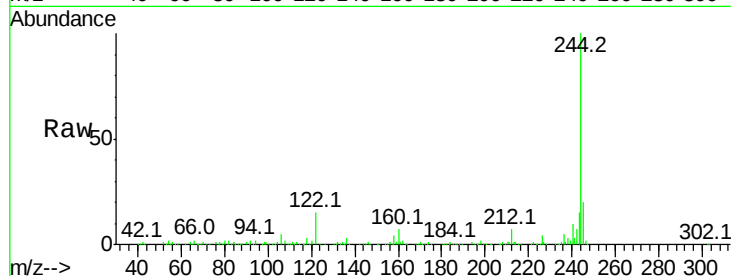




#78
 Terphenyl-d14
 Concen: 53.217 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Instrument :
 BNA_F
 ClientSampled :
 MW-02

Tot Ion:244 Resp: 346420
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 15.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100102.D
 Acq: 2 Nov 2017 23:06

Tgt Ion:264 Resp: 140963
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 21.4 17.5 26.3

