

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099445.D
 Acq On : 13 Oct 2017 17:52
 Operator : SJ/JU
 Sample : I5713-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Oct 13 23:04:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

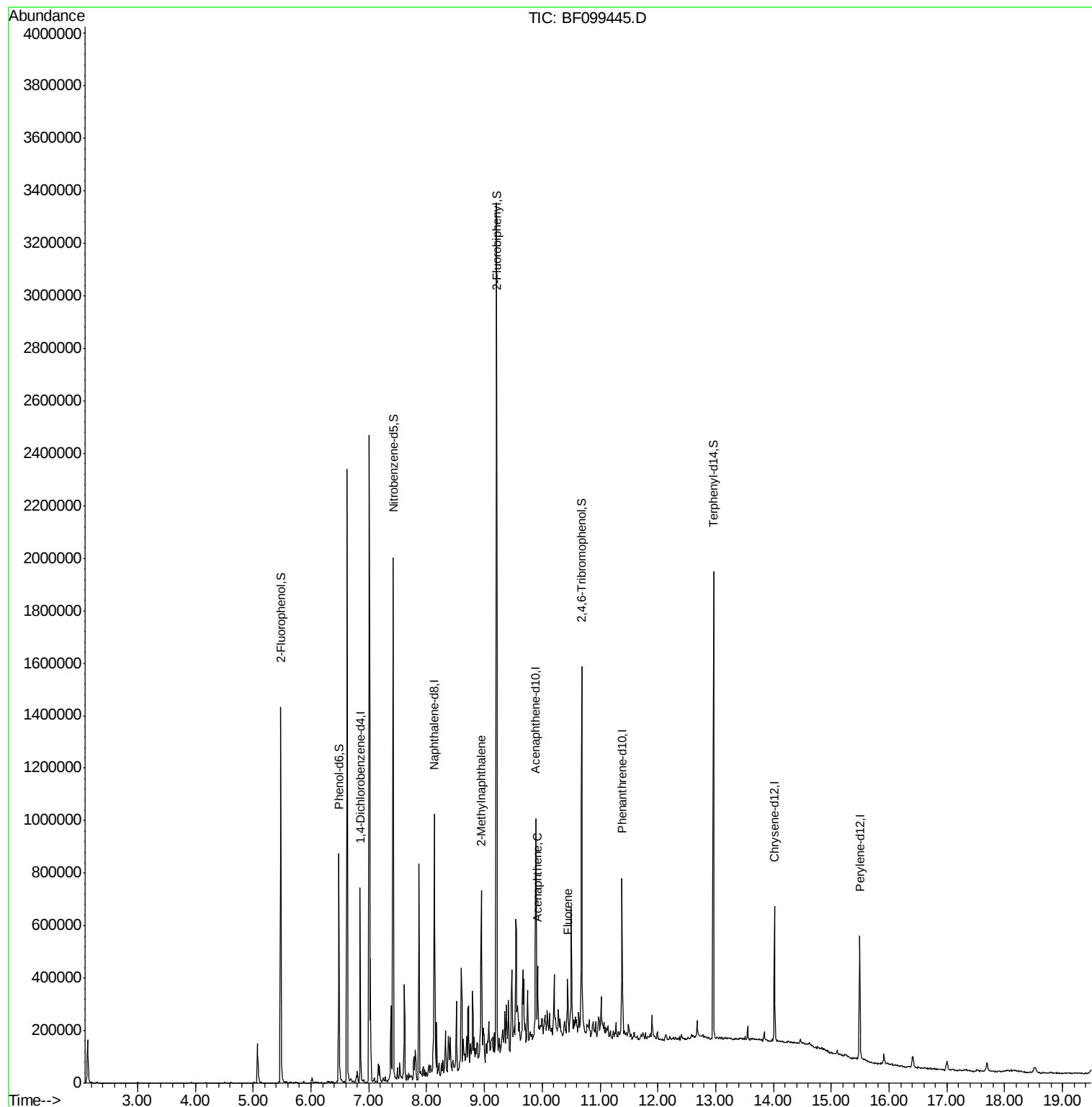
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	102146	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	389848	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	159210	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	224715	20.00	ng	0.00
75) Chrysene-d12	14.02	240	176827	20.00	ng	0.00
86) Perylene-d12	15.49	264	195666	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	422206	65.80	ng	0.00
7) Phenol-d6	6.48	99	305069	38.54	ng	0.00
23) Nitrobenzene-d5	7.42	82	601915	99.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	169120	129.82	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1039856	109.04	ng	0.00
78) Terphenyl-d14	12.96	244	628263	80.80	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.95	142	144161	12.11	ng	95
51) Acenaphthene	9.92	154	47495	4.77	ng	95
57) Fluorene	10.44	166	50569	4.74	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF099445.D

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MW-16

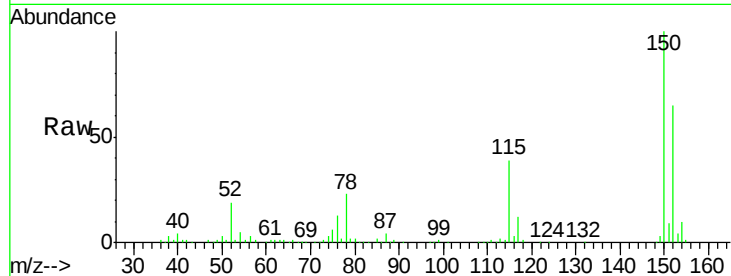
Tgt Ion:152 Resp: 102146

Ion Ratio Lower Upper

152 100

150 153.2 124.6 186.8

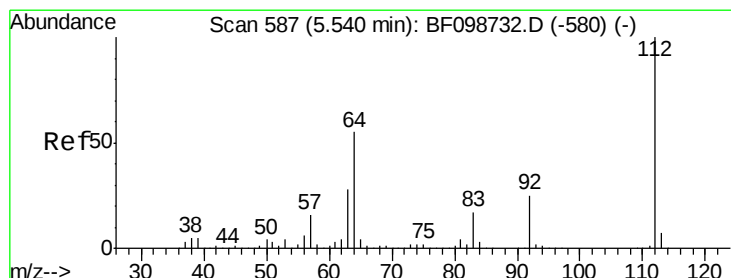
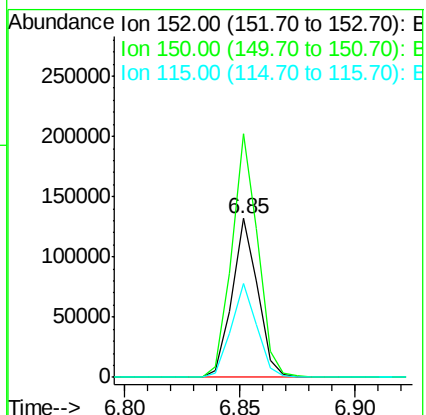
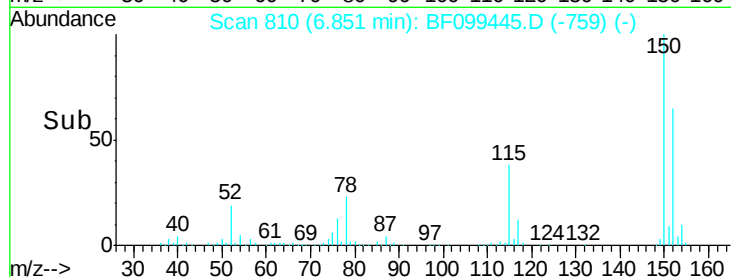
115 59.1 50.1 75.1



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: 65.80 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF099445.D

Acq: 13 Oct 2017 17:52

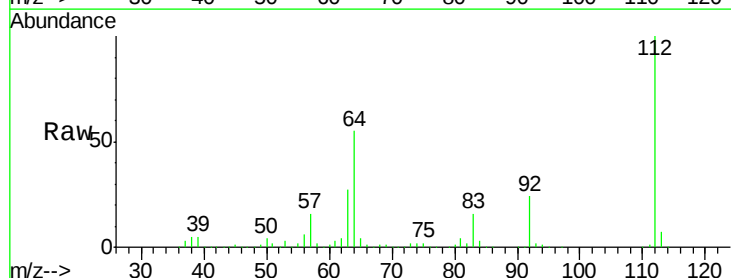
Tgt Ion:112 Resp: 422206

Ion Ratio Lower Upper

112 100

64 54.8 47.9 71.9

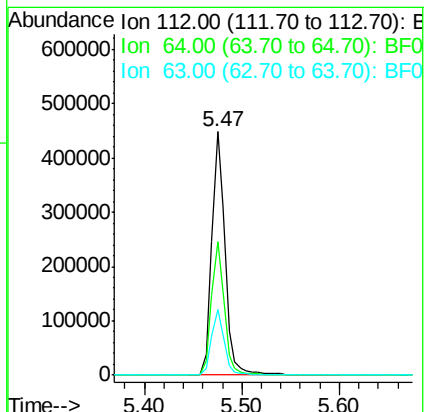
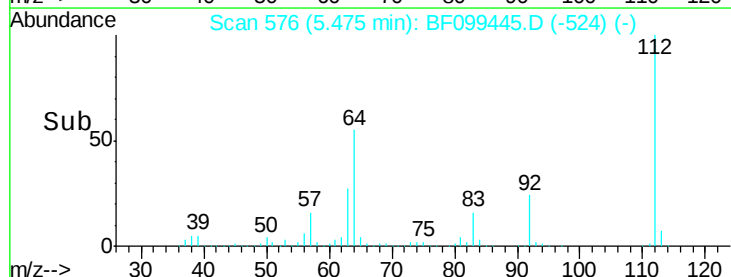
63 26.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.54 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099445.D

Acq: 13 Oct 2017 17:52

Instrument :

BNA_F

ClientSampleId :

MW-16

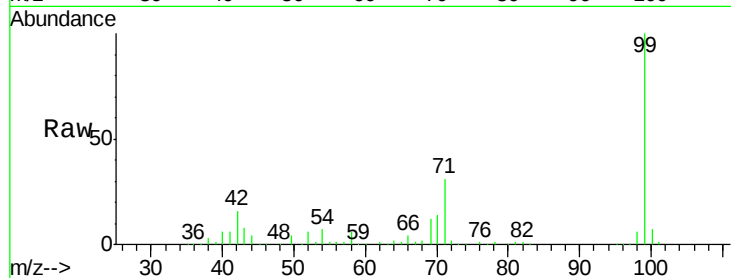
Tgt Ion: 99 Resp: 305069

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

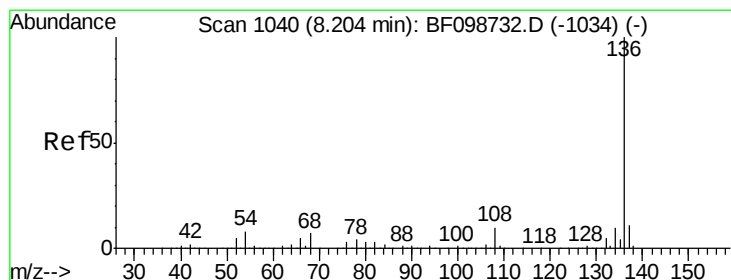
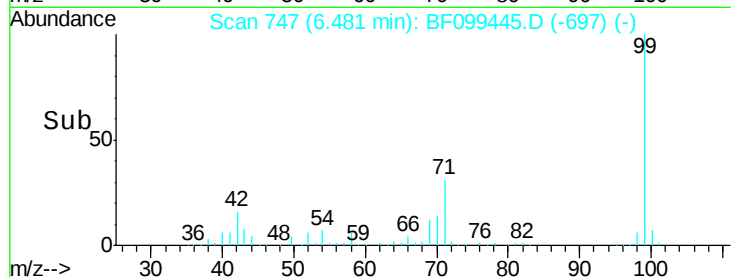
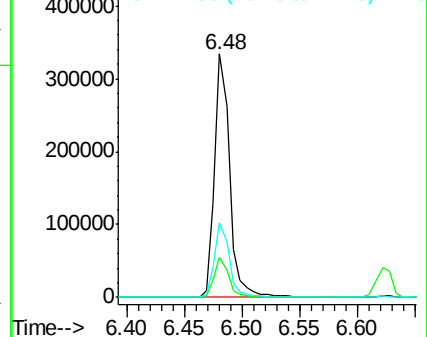
71 30.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099445.D

Acq: 13 Oct 2017 17:52

Tgt Ion: 136 Resp: 389848

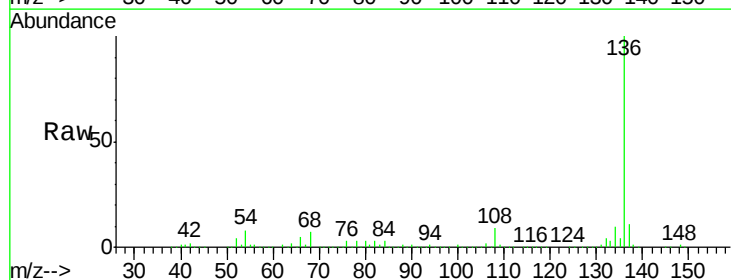
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.8 6.6 9.8

68 6.6 5.0 7.4

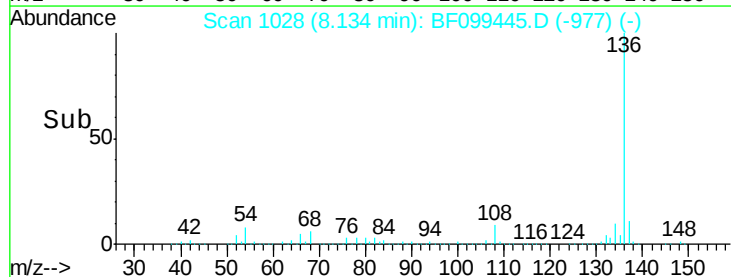
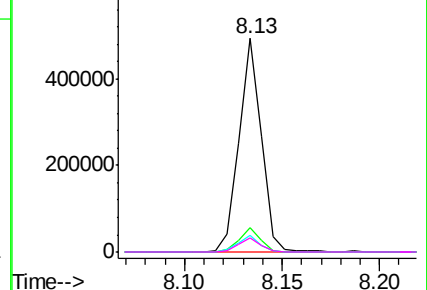


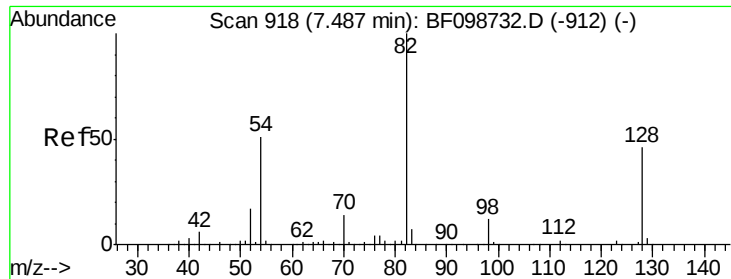
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

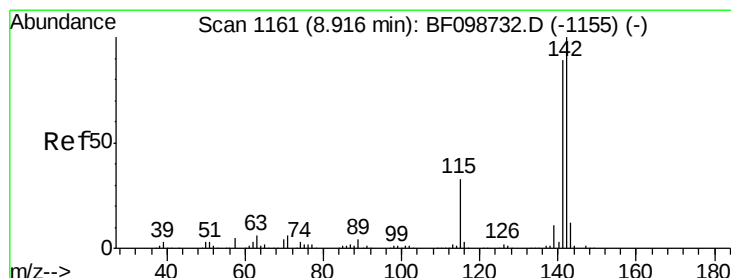
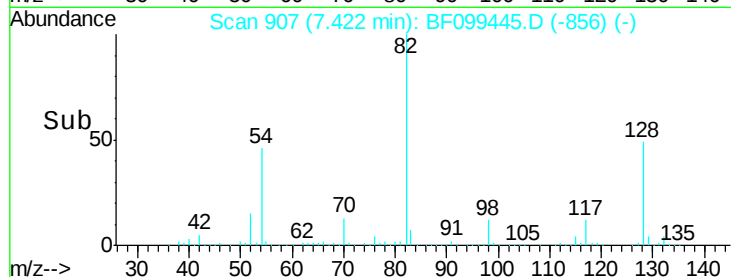
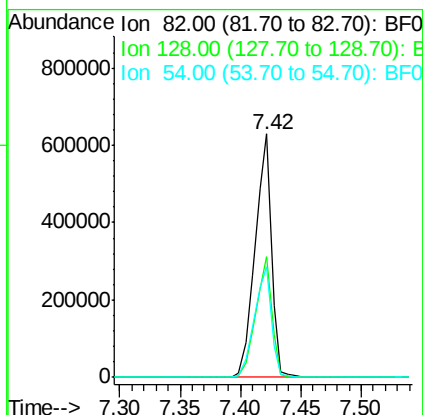
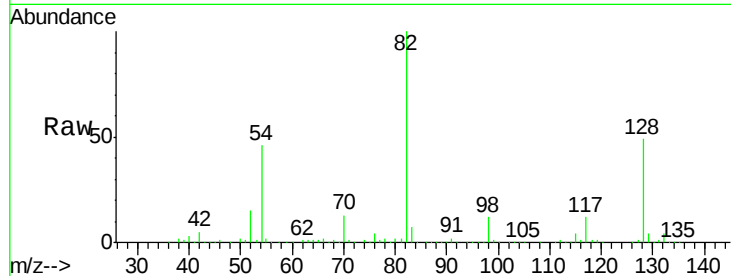




#23
 Nitrobenzene-d5
 Concen: 99.02 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099445.D
 Acq: 13 Oct 2017 17:52

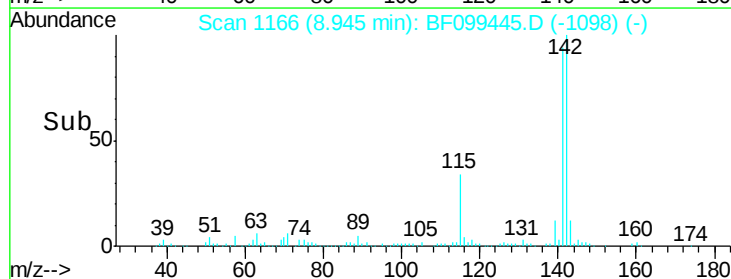
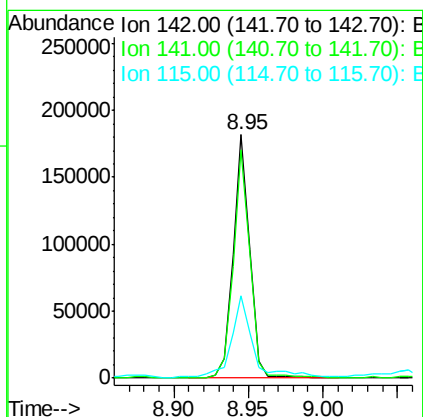
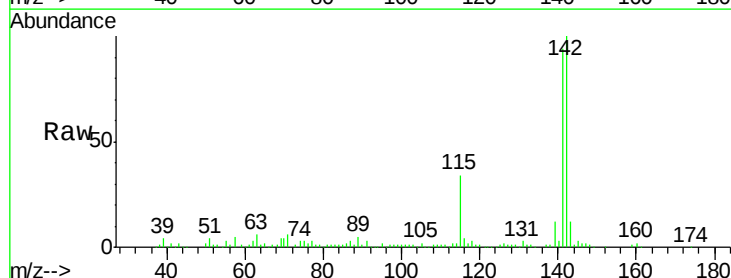
Instrument :
 BNA_F
 ClientSampled :
 MW-16

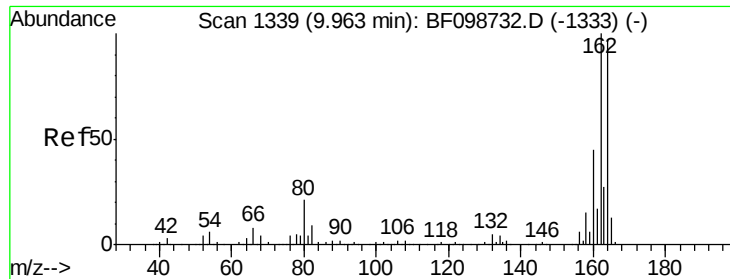
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.1	54.1
54	45.6	41.4	62.2



#37
 2-Methylnaphthalene
 Concen: 12.11 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.10 min
 Lab File: BF099445.D
 Acq: 13 Oct 2017 17:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	70.8	106.2
115	33.9	26.1	39.1

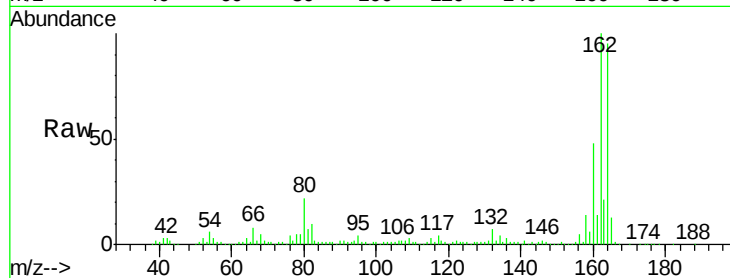




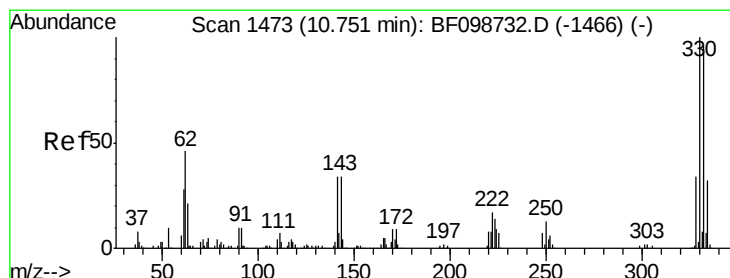
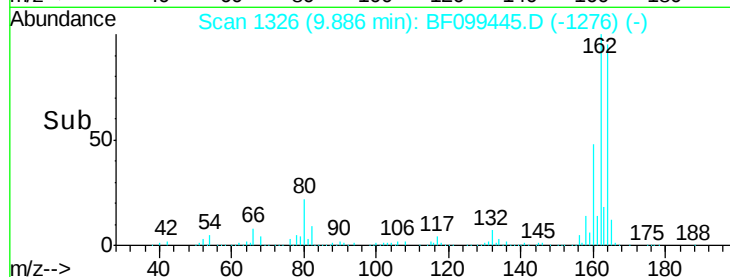
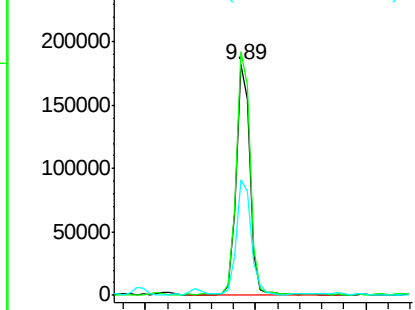
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099445.D
 Acq: 13 Oct 2017 17:52

Instrument :
 BNA_F
 ClientSampled :
 MW-16

Tgt Ion:164 Resp: 159210
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 50.2 38.3 57.5

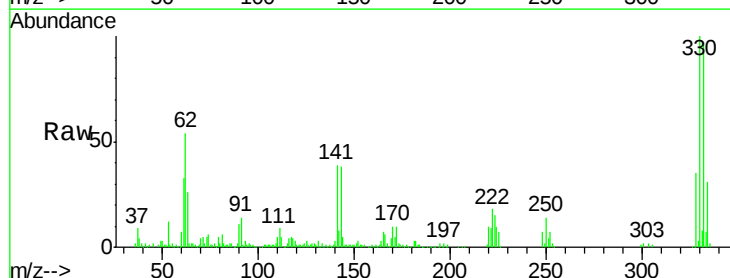


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

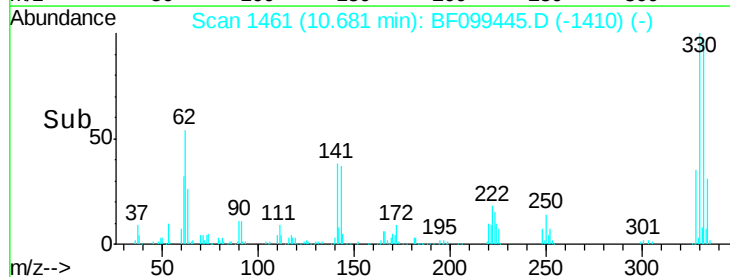
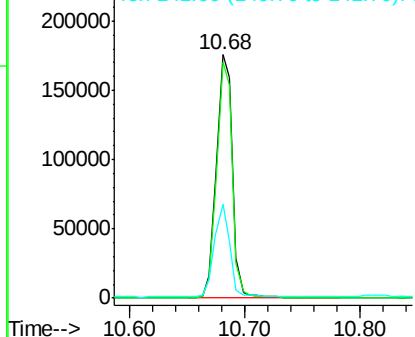


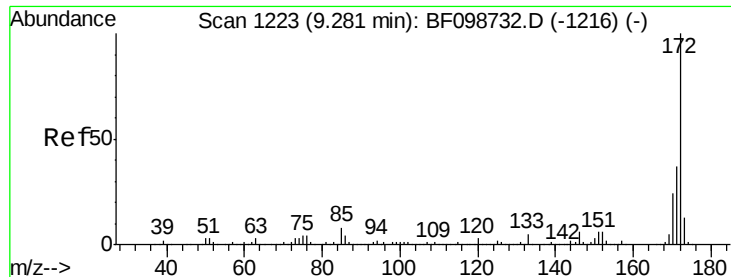
#41
 2,4,6-Tribromophenol
 Concen: 129.82 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099445.D
 Acq: 13 Oct 2017 17:52

Tgt Ion:330 Resp: 169120
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 37.0 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

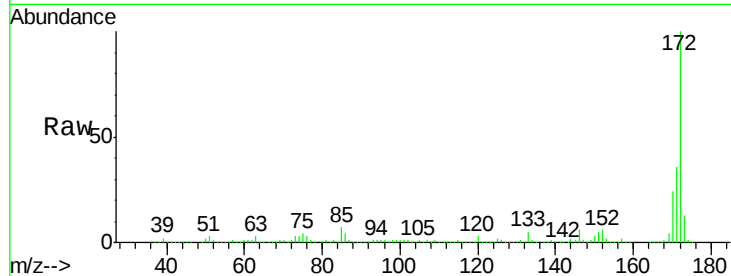




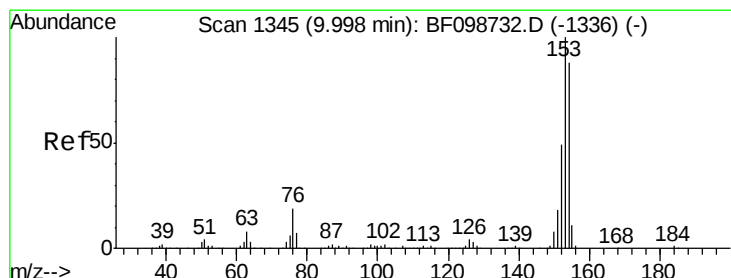
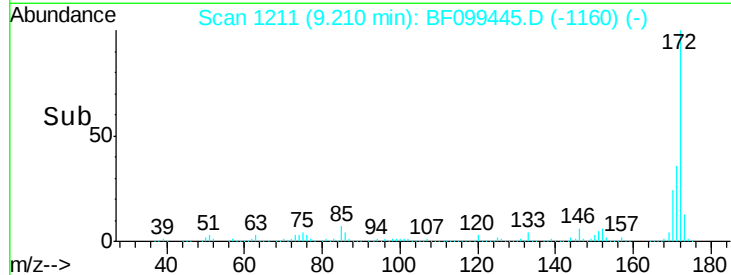
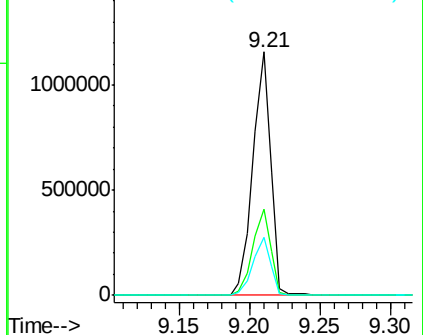
#44
 2-Fluorobiphenyl
 Concen: 109.04 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099445.D
 Acq: 13 Oct 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:172 Resp: 1039856
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.9 19.6 29.4

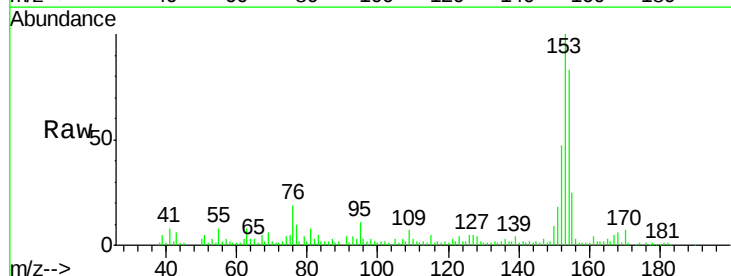


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

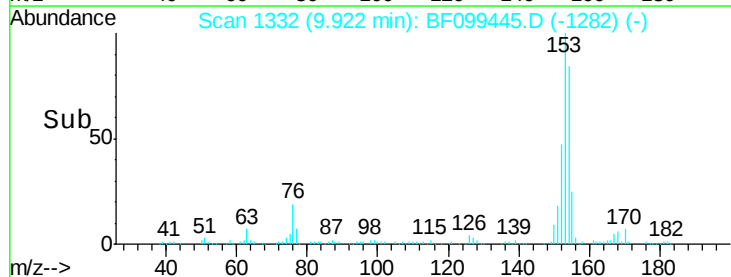
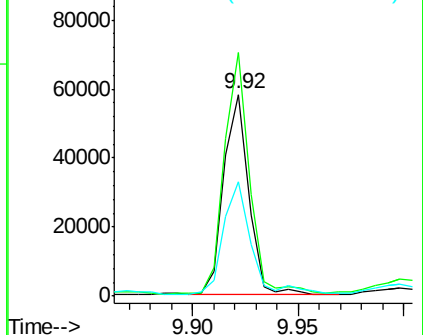


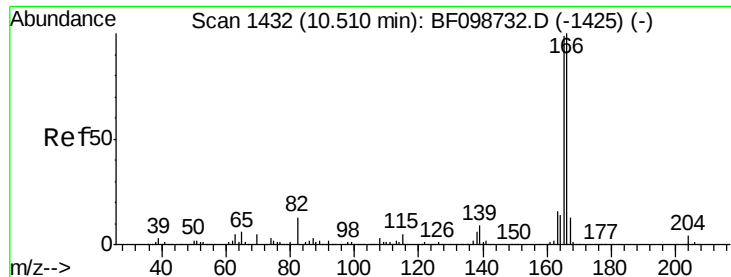
#51
 Acenaphthene
 Concen: 4.77 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF099445.D
 Acq: 13 Oct 2017 17:52

Tgt Ion:154 Resp: 47495
 Ion Ratio Lower Upper
 154 100
 153 120.6 91.2 136.8
 152 56.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

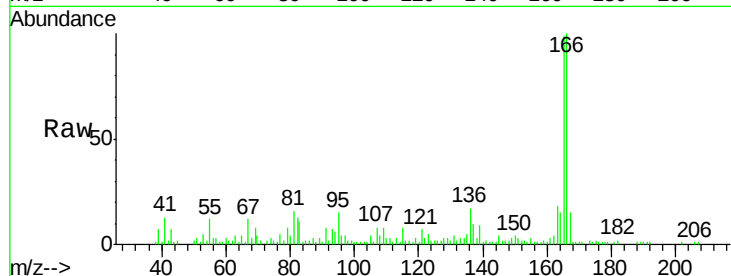




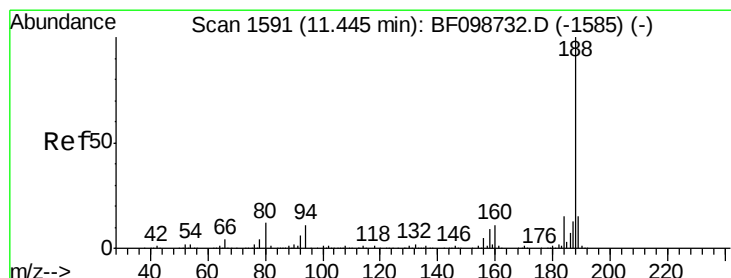
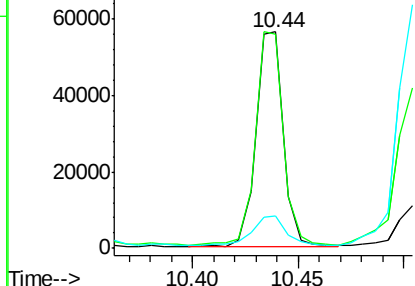
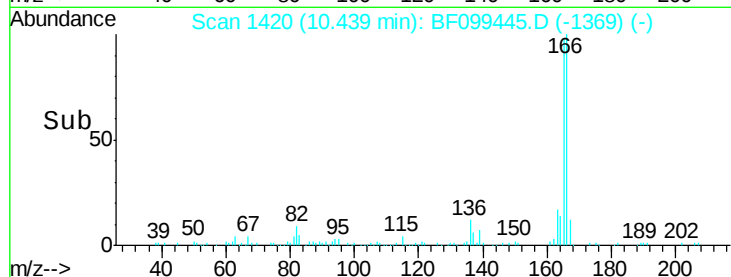
#57
 Fluorene
 Concen: 4.74 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF099445.D
 Acq: 13 Oct 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:166 Resp: 50569
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 14.8 10.6 16.0

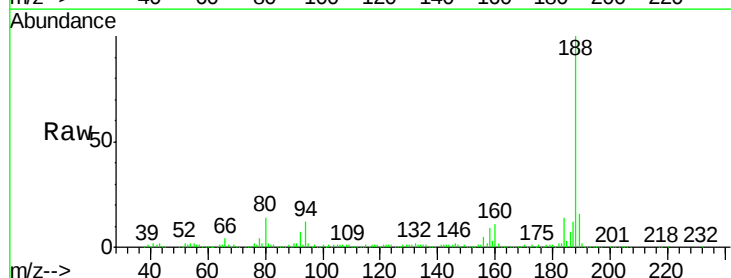


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

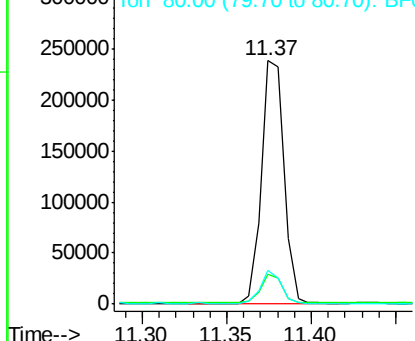
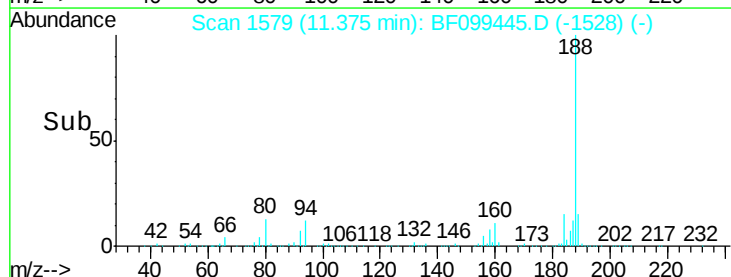


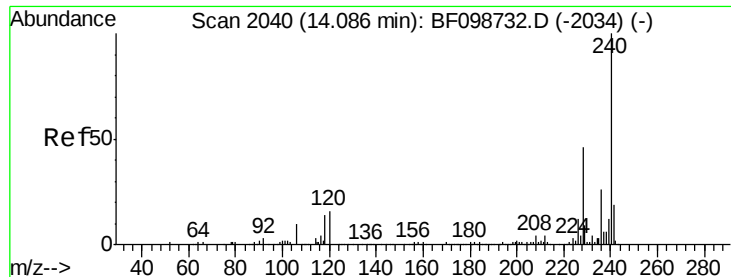
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099445.D
 Acq: 13 Oct 2017 17:52

Tgt Ion:188 Resp: 224715
 Ion Ratio Lower Upper
 188 100
 94 12.2 8.5 12.7
 80 13.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF099445.D

Acq: 13 Oct 2017 17:52

Instrument :

BNA_F

ClientSampleId :

MW-16

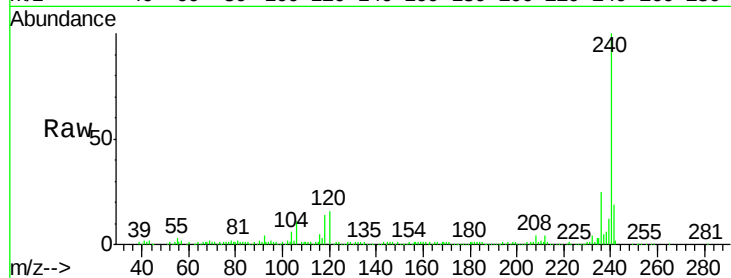
Tgt Ion:240 Resp: 176827

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

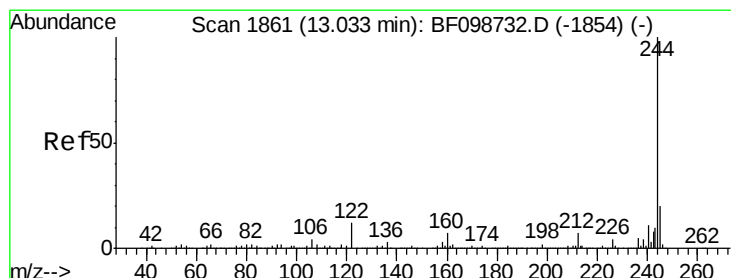
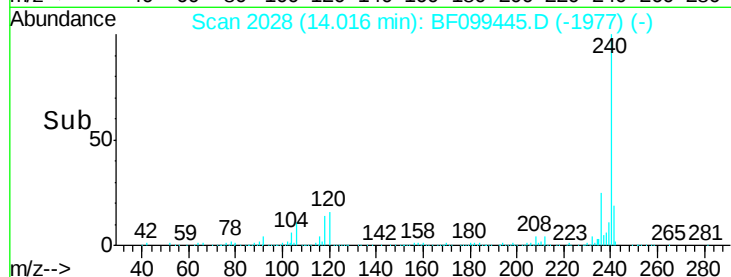
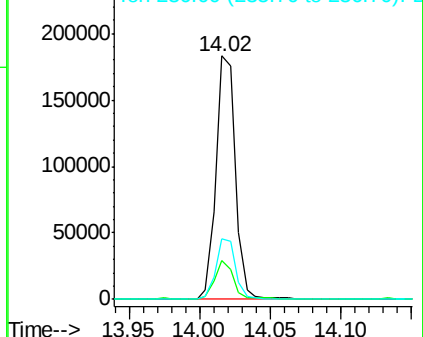
236 25.0 20.7 31.1



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: 80.80 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099445.D

Acq: 13 Oct 2017 17:52

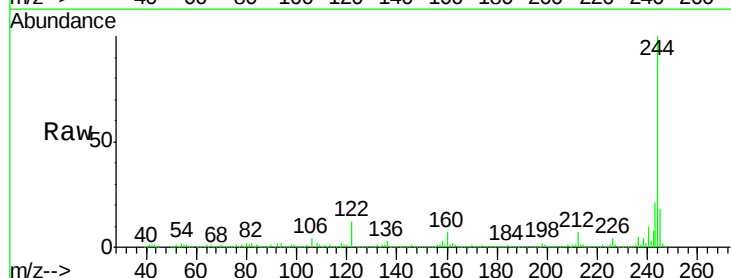
Tgt Ion:244 Resp: 628263

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

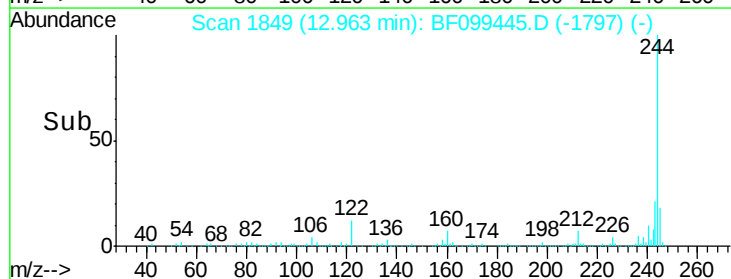
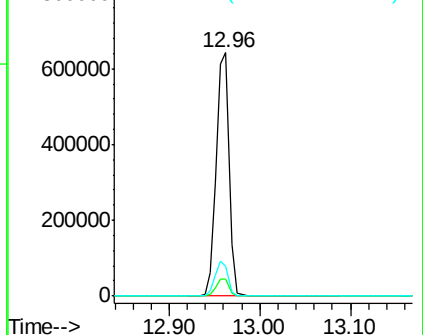
122 12.0 11.0 16.4

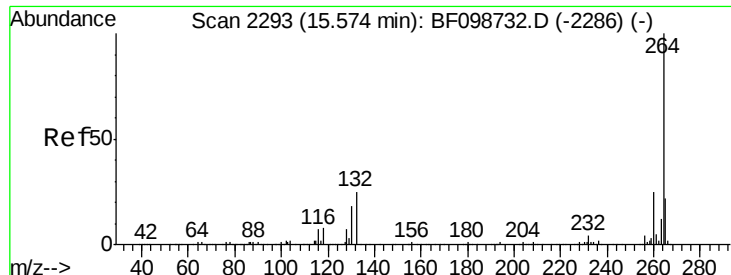


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 264 Resp: 195666
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.0 17.5 26.3

