

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099446.D
 Acq On : 13 Oct 2017 18:21
 Operator : SJ/JU
 Sample : I5713-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Oct 13 23:09:55 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

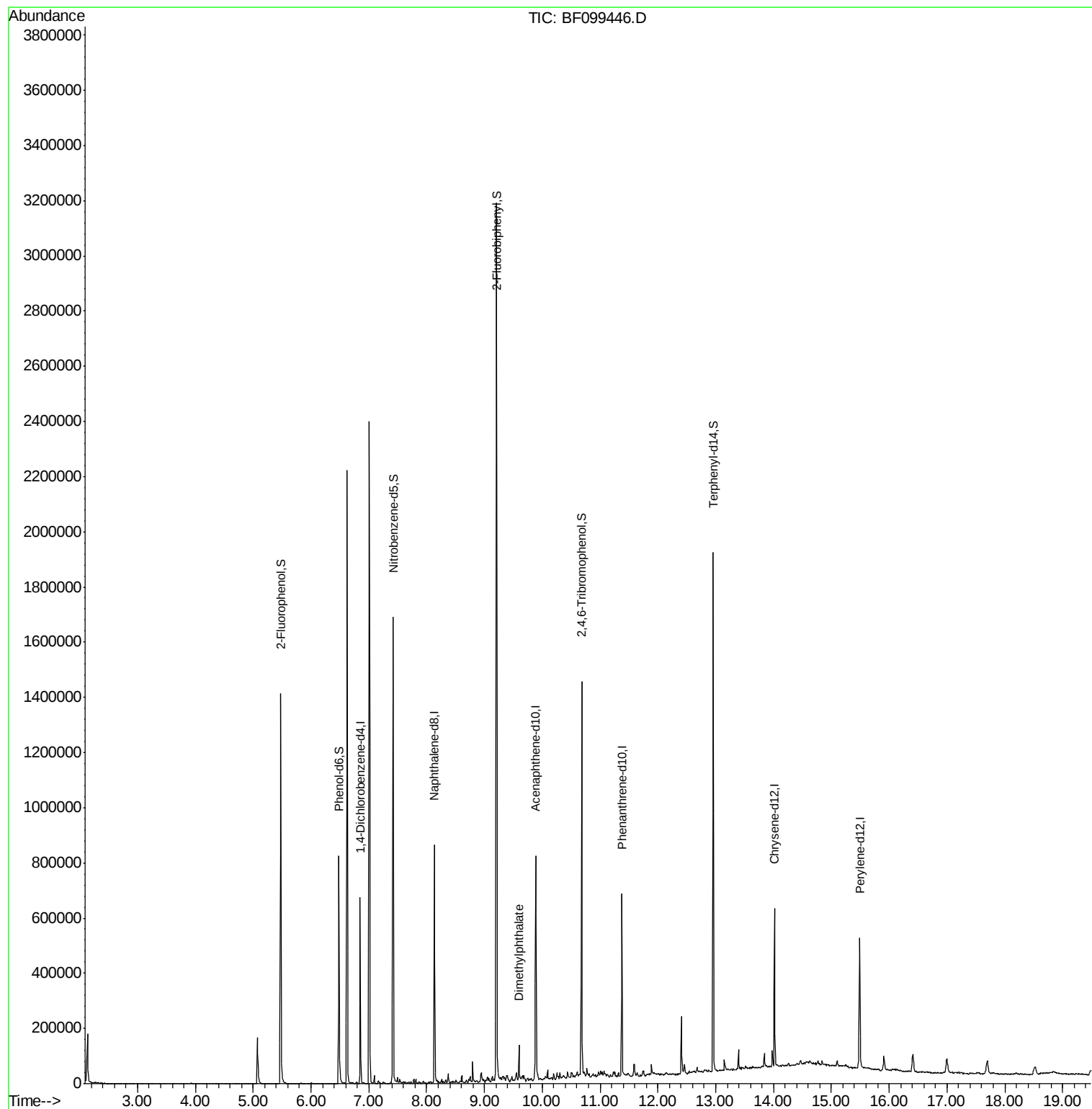
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94207	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	371071	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	149705	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	222634	20.00	ng	0.00
75) Chrysene-d12	14.02	240	179567	20.00	ng	0.00
86) Perylene-d12	15.49	264	195312	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	410683	69.40	ng	0.00
7) Phenol-d6	6.48	99	297194	40.71	ng	0.00
23) Nitrobenzene-d5	7.42	82	587232	101.49	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	165492	135.10	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1009025	112.52	ng	0.00
78) Terphenyl-d14	12.96	244	636998	80.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	49337	4.37	ng	Qvalue 100

(#) = 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: BF099446.D

Acq: 13 Oct 2017 18:21

Instrument :

BNA_F

ClientSampled :

MW-18

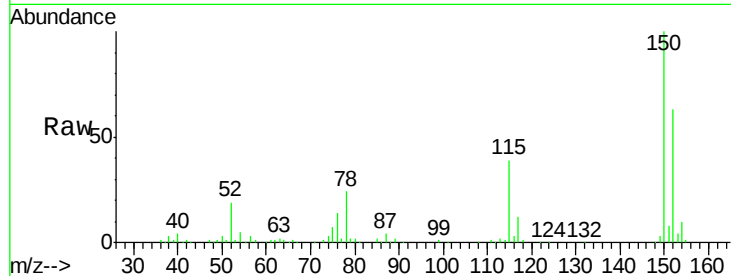
Tgt Ion:152 Resp: 94207

Ion Ratio Lower Upper

152 100

150 158.6 124.6 186.8

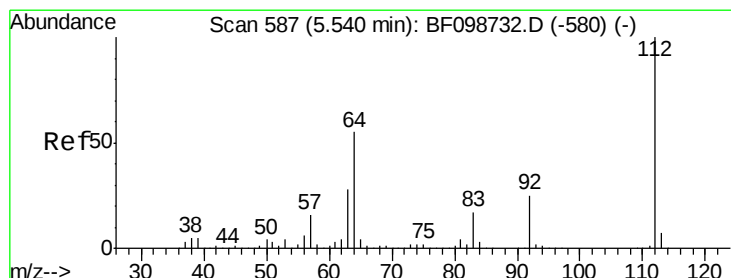
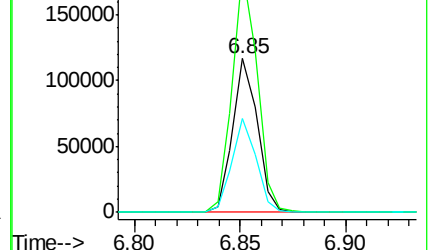
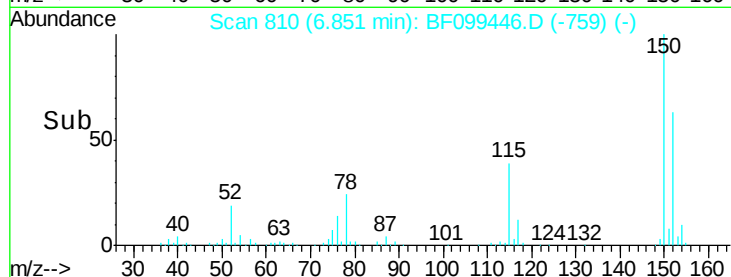
115 61.5 50.1 75.1



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: 69.40 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

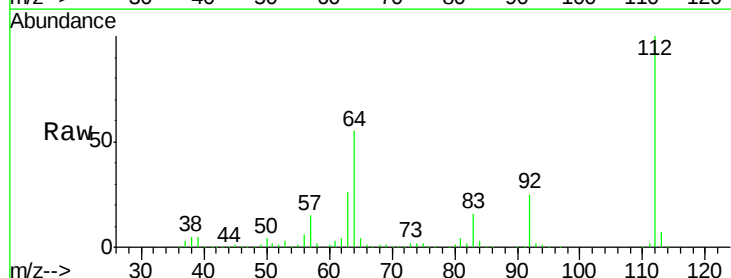
Tgt Ion:112 Resp: 410683

Ion Ratio Lower Upper

112 100

64 54.8 47.9 71.9

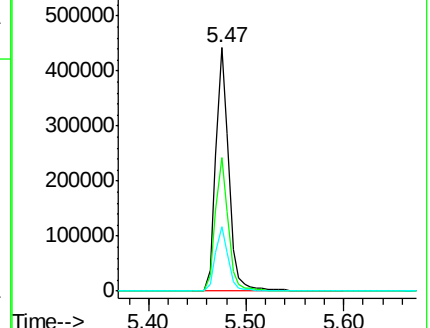
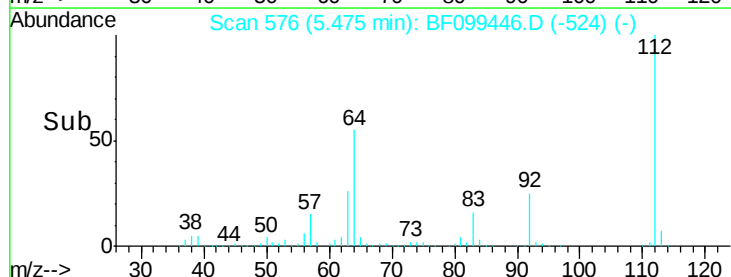
63 26.5 23.7 35.5

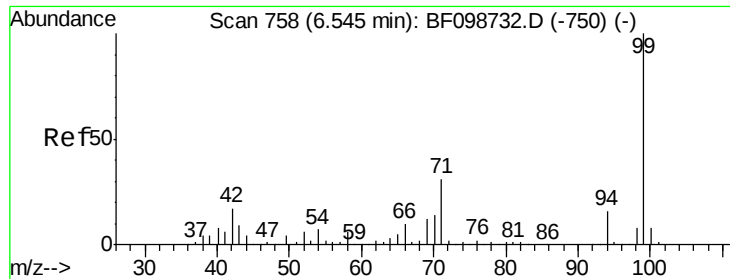


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.71 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

Instrument :

BNA_F

ClientSampleId :

MW-18

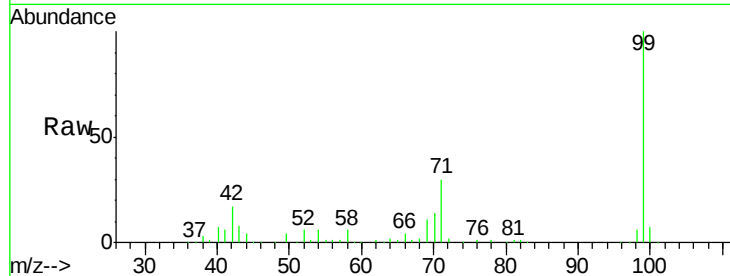
Tgt Ion: 99 Resp: 297194

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

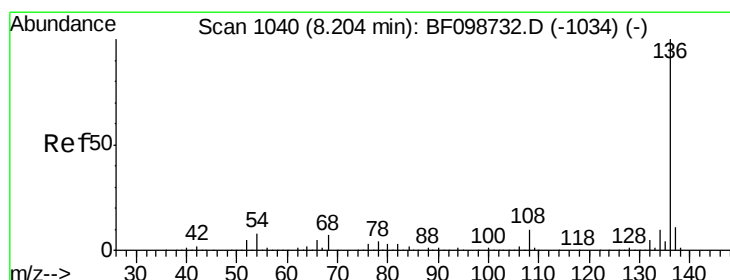
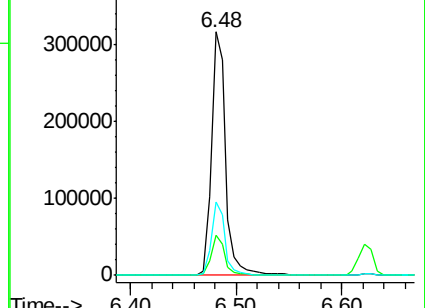
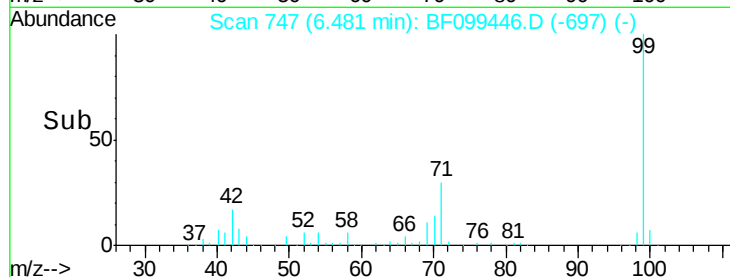
71 30.3 25.4 38.0



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: BF099446.D

Acq: 13 Oct 2017 18:21

Tgt Ion: 136 Resp: 371071

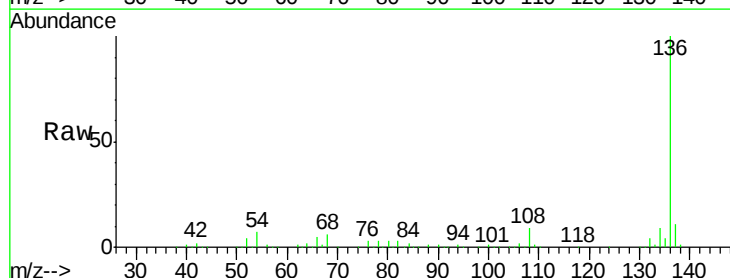
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 5.9 5.0 7.4

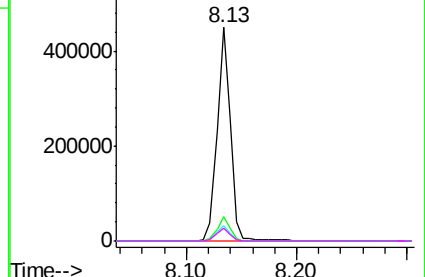
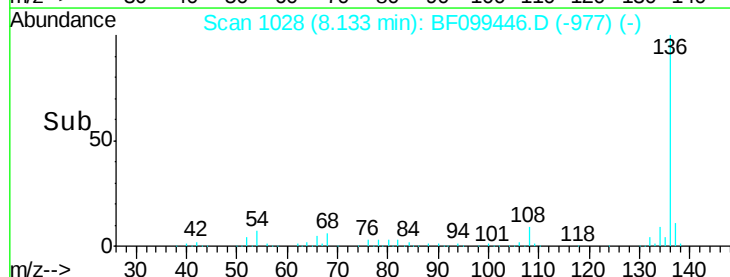


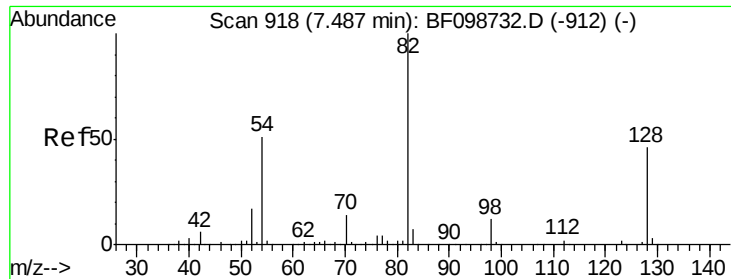
Abundance Ion 136.00 (135.70 to 136.70): E

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

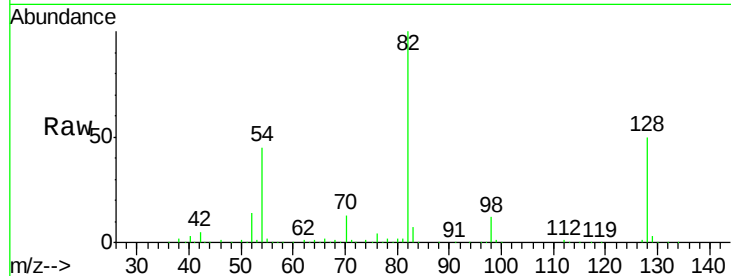




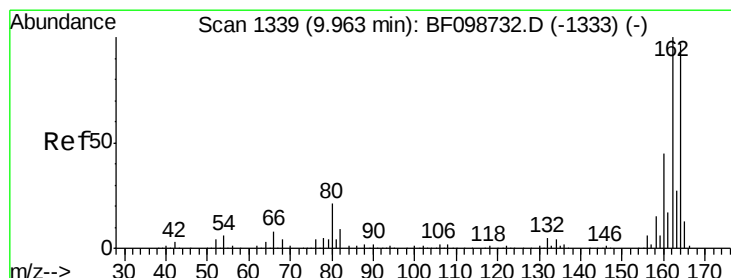
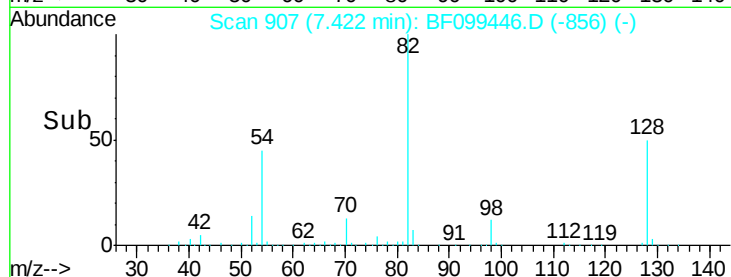
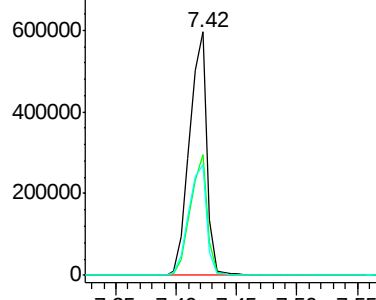
#23
 Nitrobenzene-d5
 Concen: 101.49 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099446.D
 Acq: 13 Oct 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.1	54.1
54	45.3	41.4	62.2

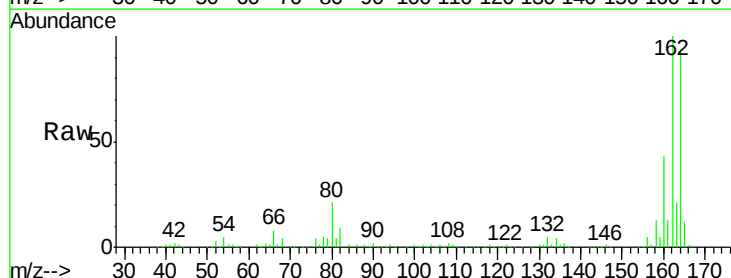


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

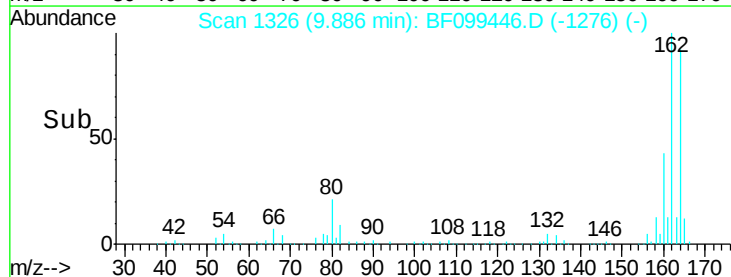
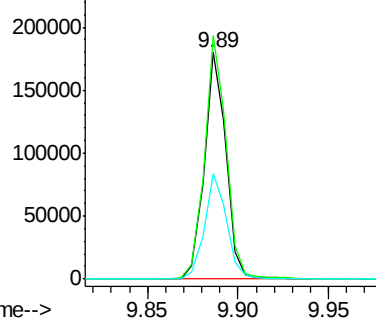


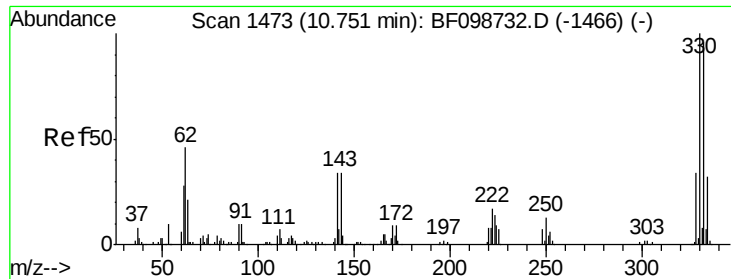
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099446.D
 Acq: 13 Oct 2017 18:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.4	86.1	129.1
160	46.5	38.3	57.5



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

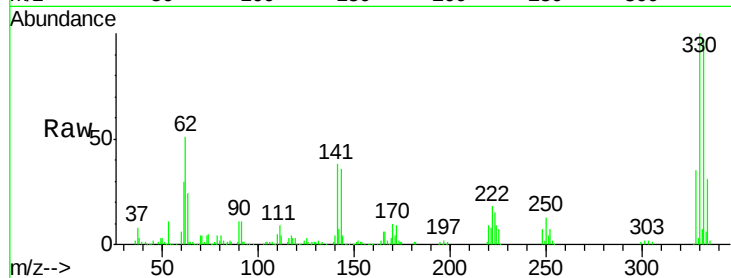




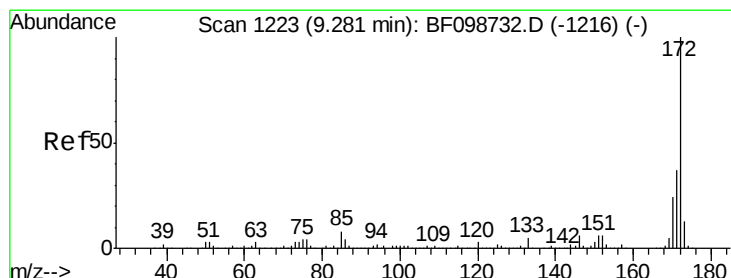
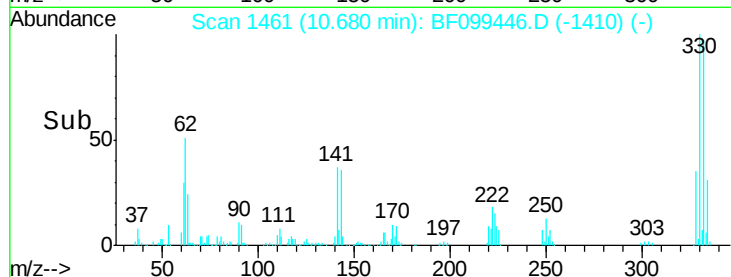
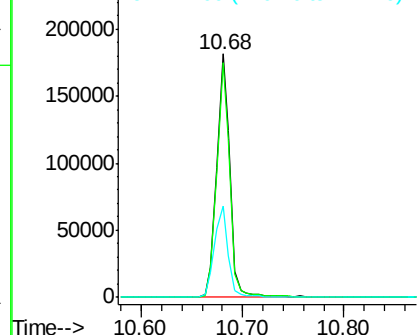
#41
 2,4,6-Tribromophenol
 Concen: 135.10 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099446.D
 Acq: 13 Oct 2017 18:21

Instrument :
 BNA_F
 ClientSampled :
 MW-18

Tgt Ion:330 Resp: 165492
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 39.1 29.9 44.9

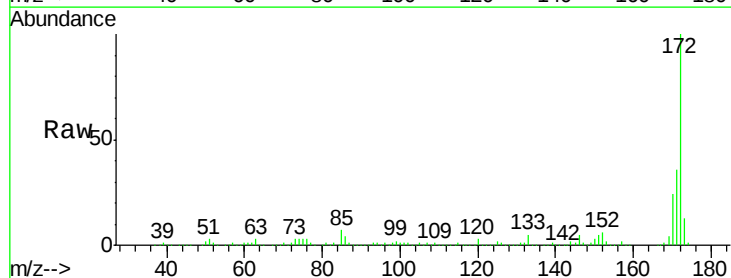


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

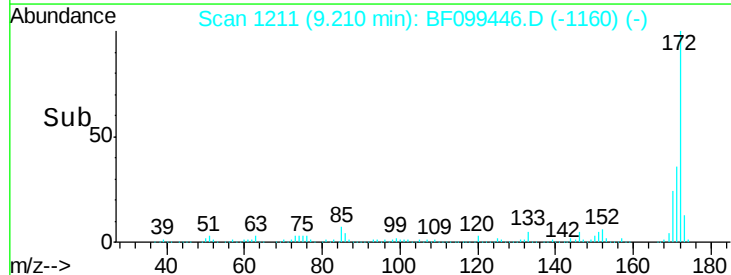
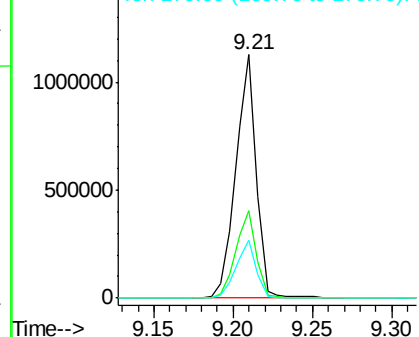


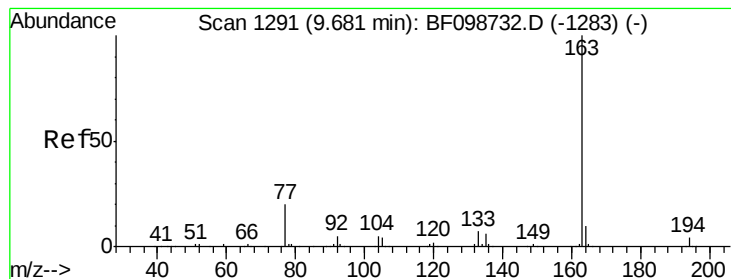
#44
 2-Fluorobiphenyl
 Concen: 112.52 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099446.D
 Acq: 13 Oct 2017 18:21

Tgt Ion:172 Resp: 1009025
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.0 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: 4.37 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

Instrument :

BNA_F

ClientSampleId :

MW-18

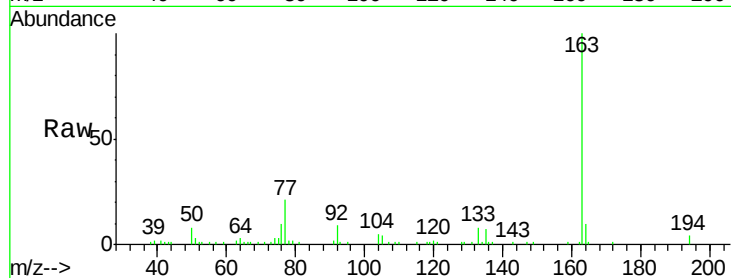
Tgt Ion:163 Resp: 49337

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

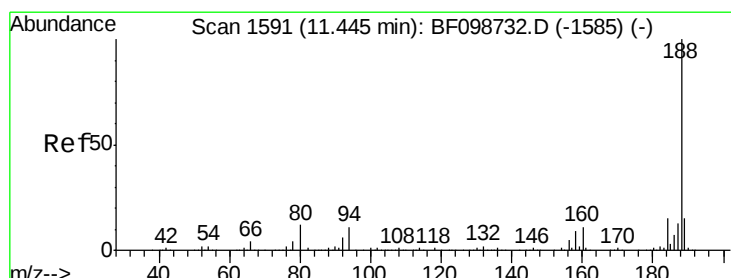
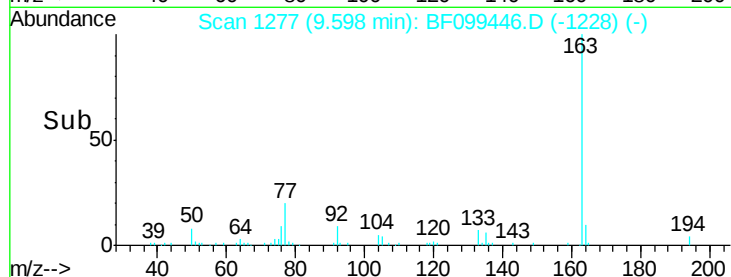
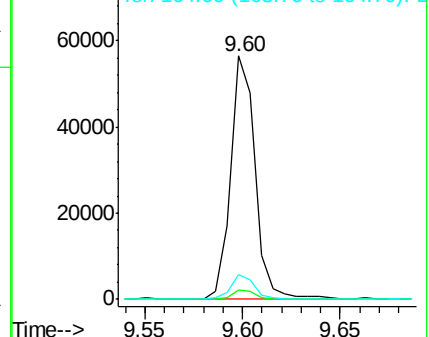
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

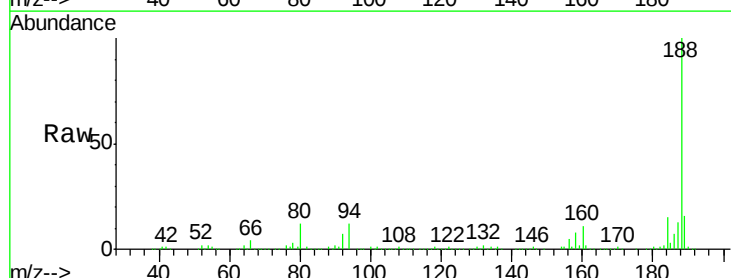
Tgt Ion:188 Resp: 222634

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

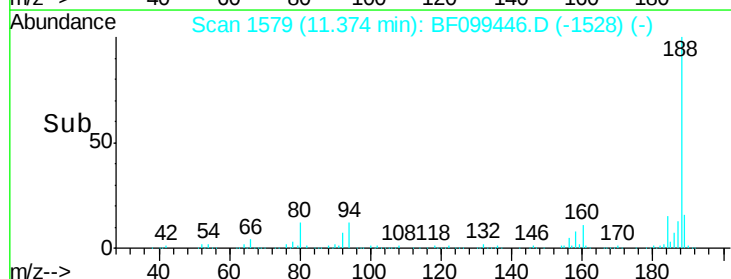
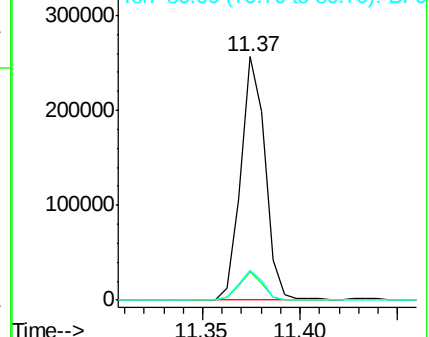
80 12.0 9.2 13.8

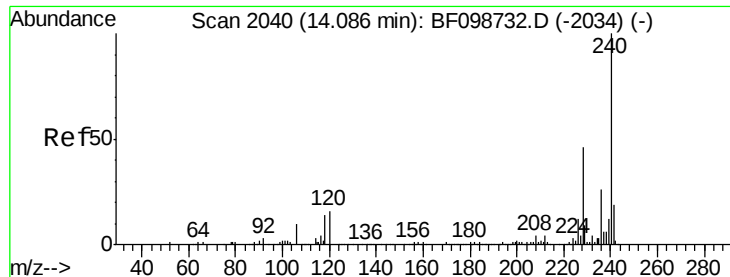


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF099446.D

Acq: 13 Oct 2017 18:21

Instrument :

BNA_F

ClientSampleId :

MW-18

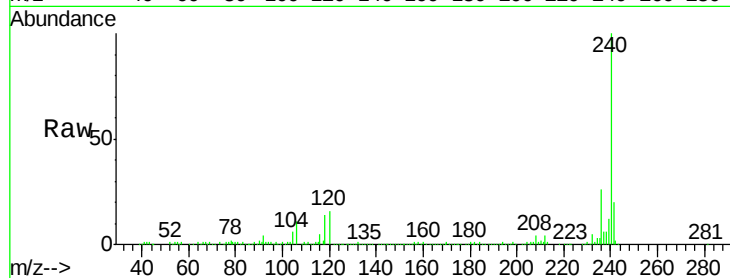
Tgt Ion:240 Resp: 179567

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

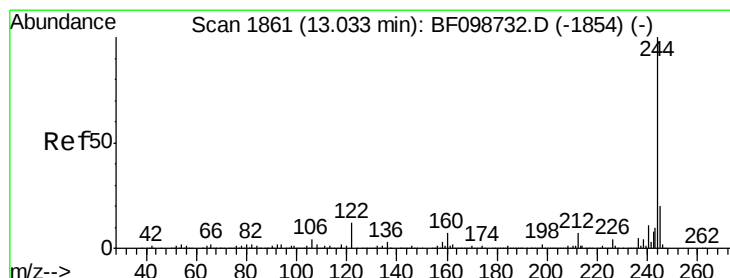
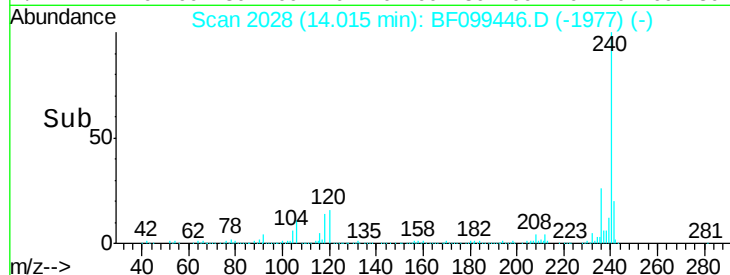
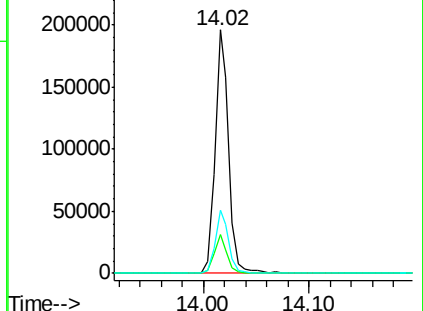
236 25.7 20.7 31.1



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: 80.68 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099446.D

Acq: 13 Oct 2017 18:21

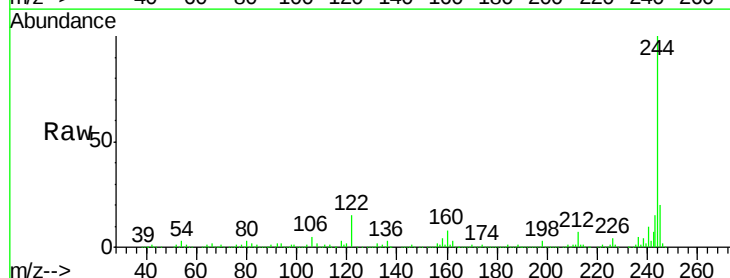
Tgt Ion:244 Resp: 636998

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

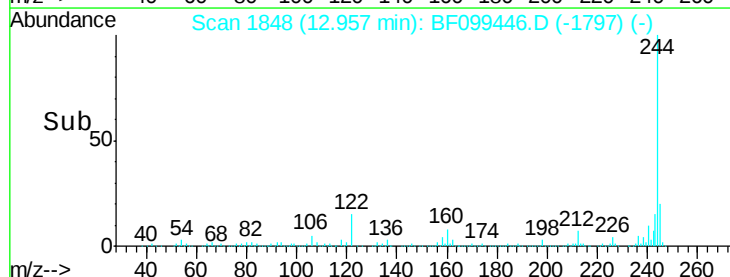
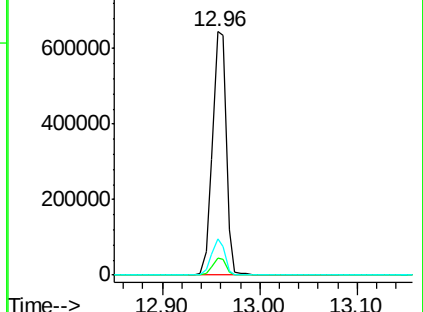
122 15.0 11.0 16.4

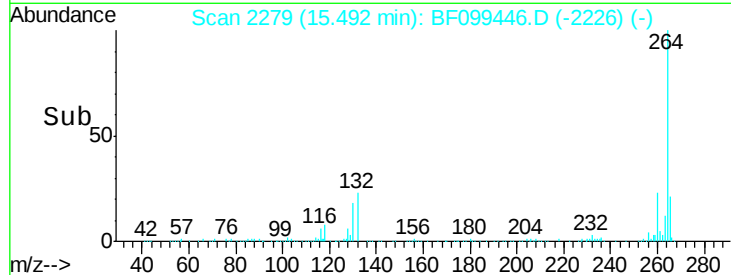
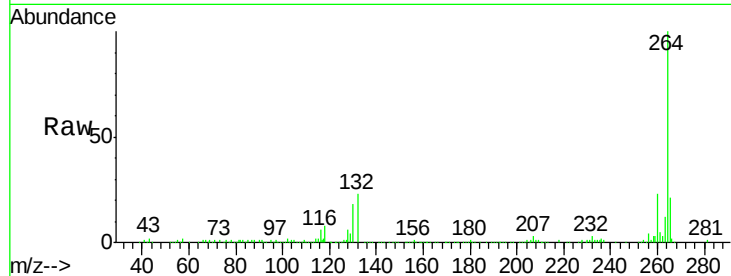
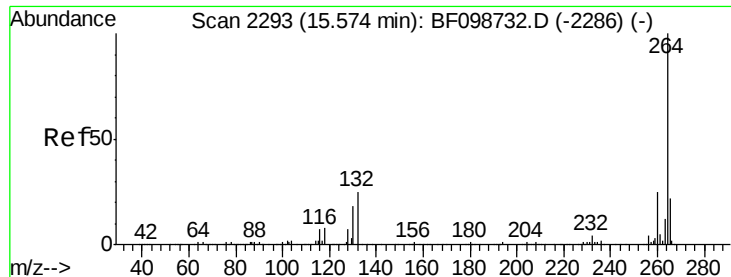


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF099446.D
Acq: 13 Oct 2017 18:21

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 264 Resp: 195312
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 21.2 17.5 26.3

