

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099113.D
 Acq On : 5 Oct 2017 19:49
 Operator : SJ/JU
 Sample : I5526-03DL2 100X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL2

Quant Time: Oct 05 20:16:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 20:16:21 2017
 Response via : Initial Calibration

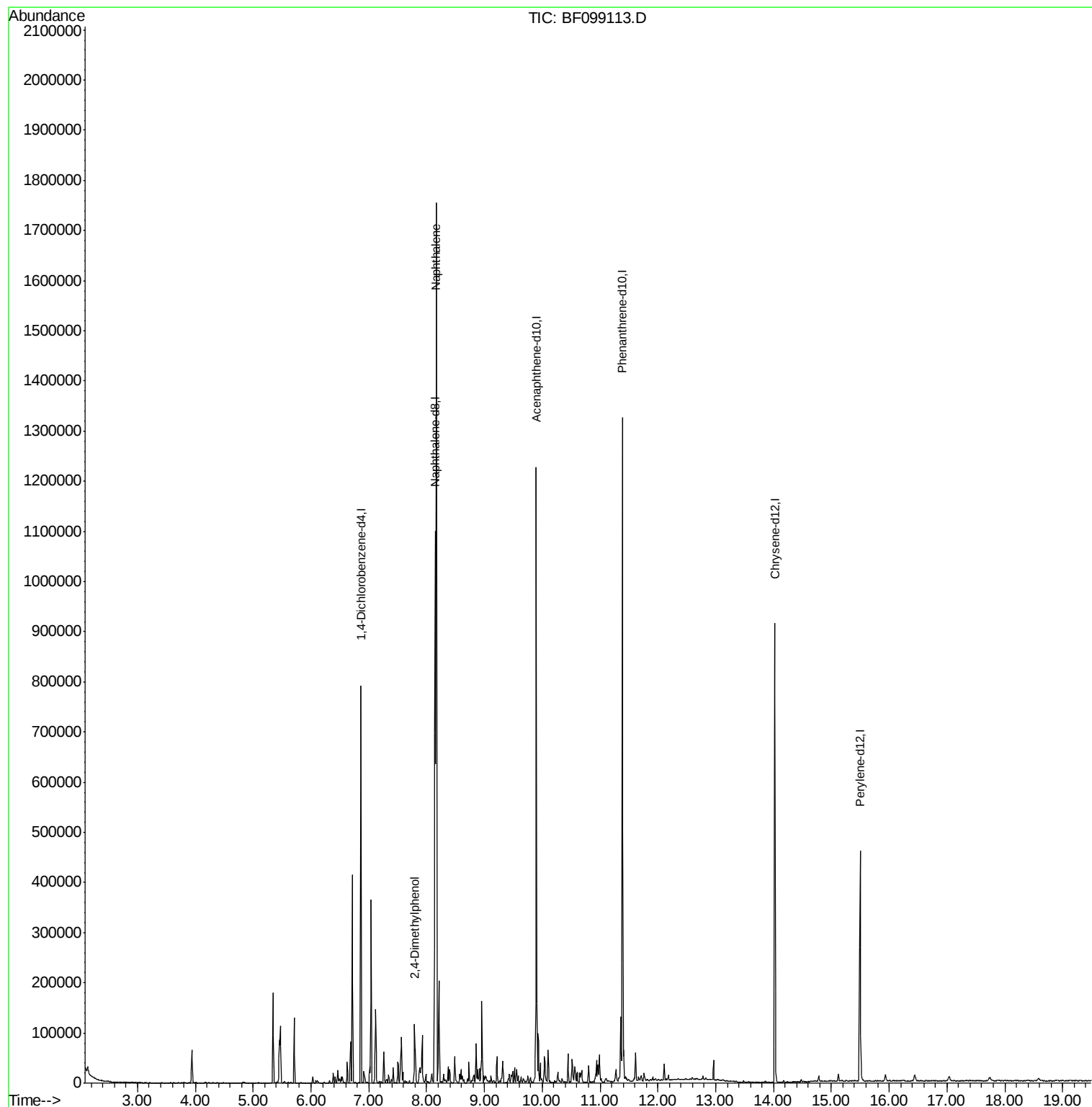
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115665	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	491318	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	231837	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	415463	20.00	ng	0.00
75) Chrysene-d12	14.02	240	298757	20.00	ng	-0.01
86) Perylene-d12	15.50	264	204282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	4677	0.64	ng	0.00
7) Phenol-d6	6.48	99	3818	0.43	ng	-0.02
23) Nitrobenzene-d5	7.42	82	7490	0.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	1614	0.85	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	16176	1.16	ng	-0.01
78) Terphenyl-d14	12.96	244	11792	0.90	ng	-0.01
Target Compounds						
27) 2,4-Dimethylphenol	7.79	122	28978	3.672	ng	97
31) Naphthalene	8.17	128	801475	34.733	ng	100

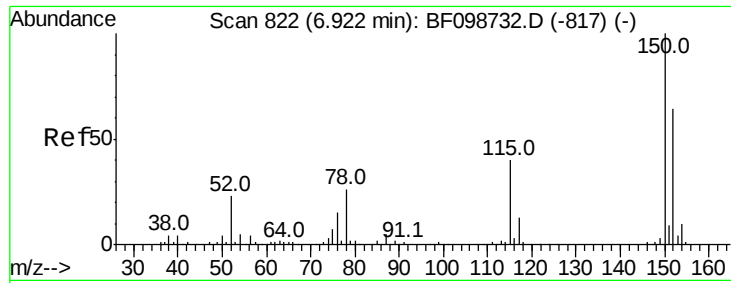
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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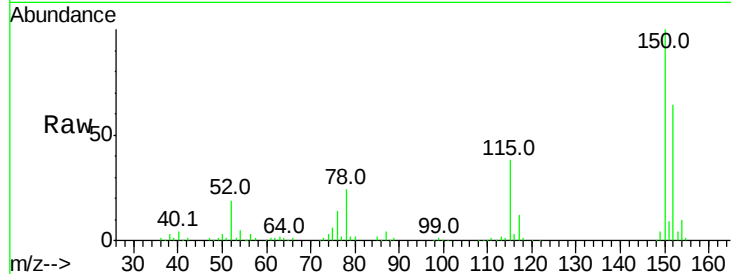


#1

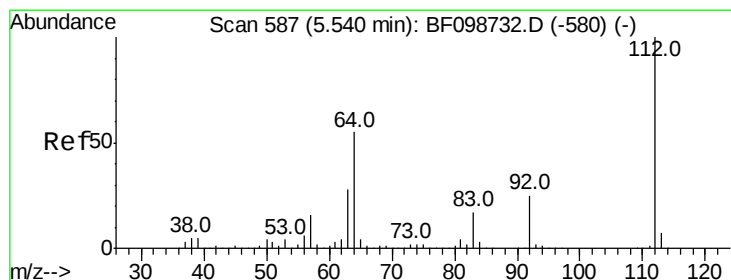
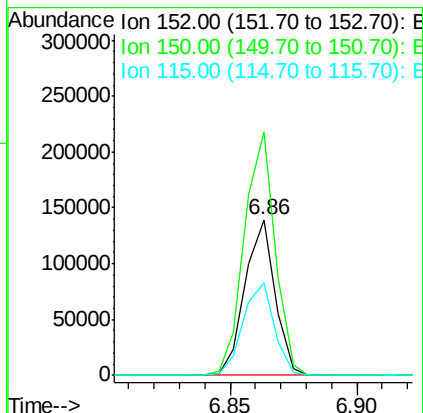
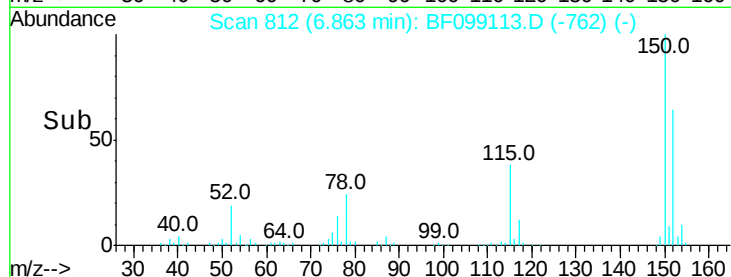
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099113.D
Acq: 5 Oct 2017 19:49

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion:152 Resp: 115665
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 59.4 50.1 75.1



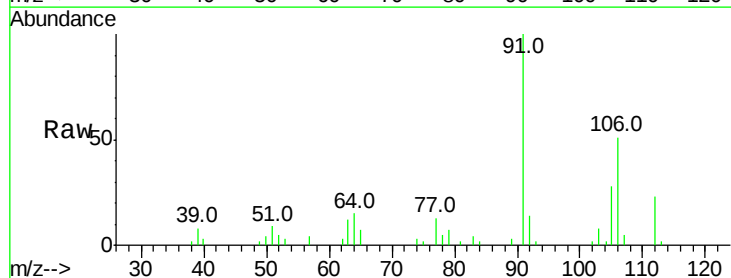
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



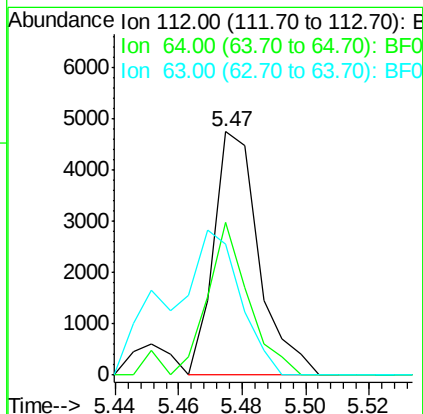
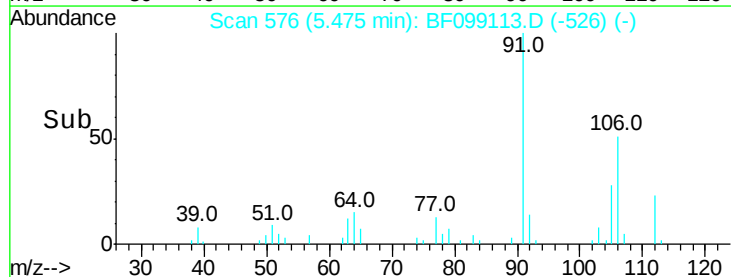
#5

2-Fluorophenol
Concen: 0.644 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099113.D
Acq: 5 Oct 2017 19:49

Tgt Ion:112 Resp: 4677
Ion Ratio Lower Upper
112 100
64 63.0 47.9 71.9
63 53.9 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: 0.426 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099113.D

Acq: 5 Oct 2017 19:49

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL2

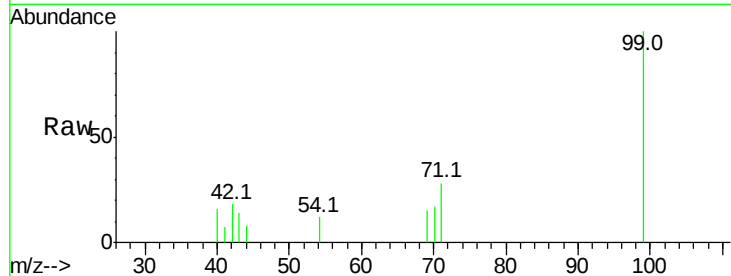
Tot Ion: 99 Resp: 3818

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

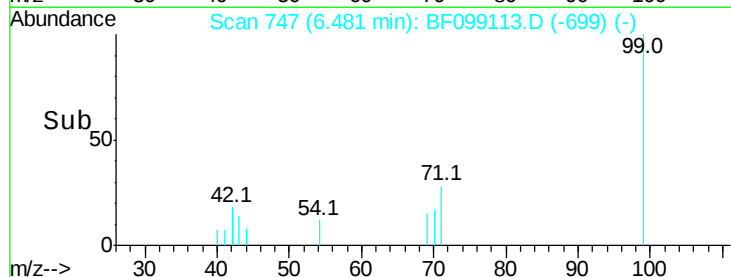
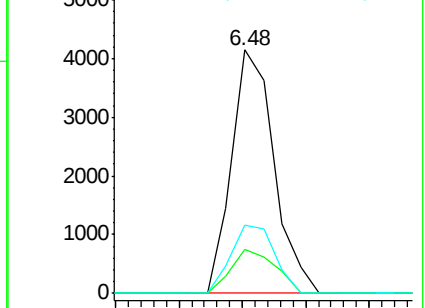
71 28.3 25.4 38.0



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: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099113.D

Acq: 5 Oct 2017 19:49

Tgt Ion: 136 Resp: 491318

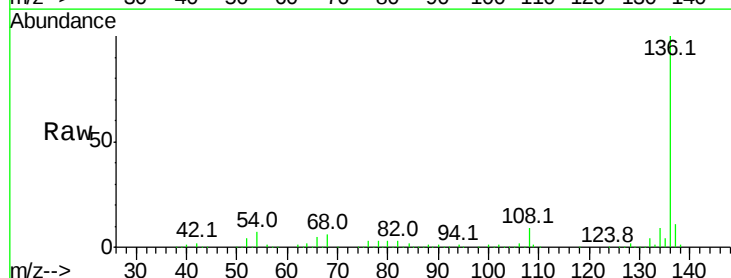
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 6.6 9.8

68 6.0 5.0 7.4

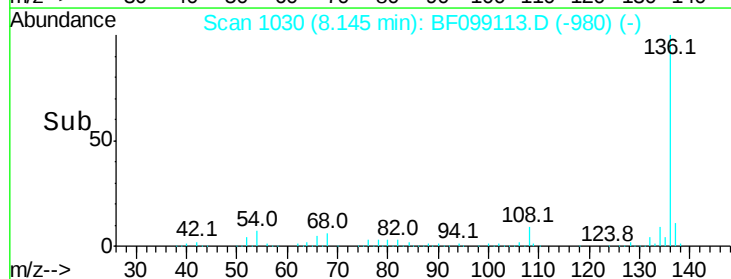
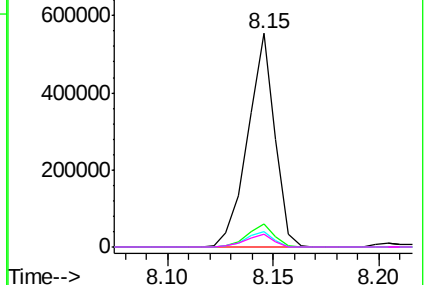


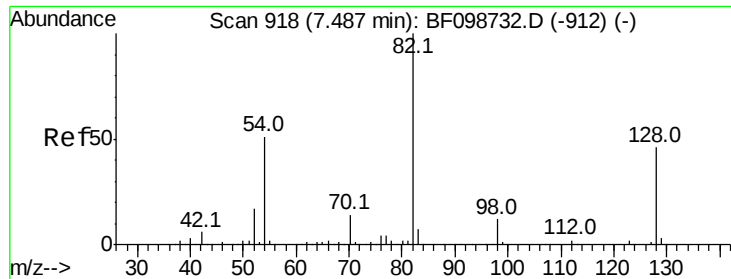
Abundance Ion 136.00 (135.70 to 136.70): E

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

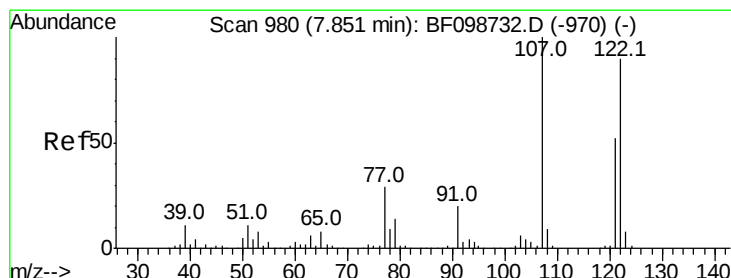
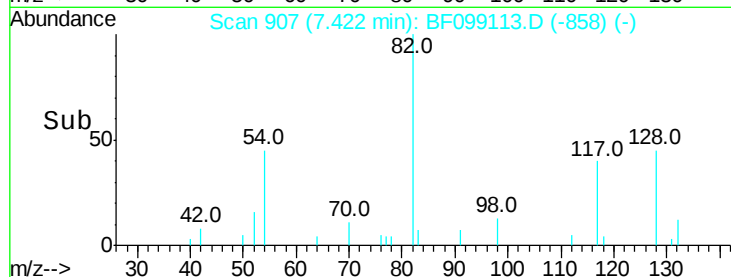
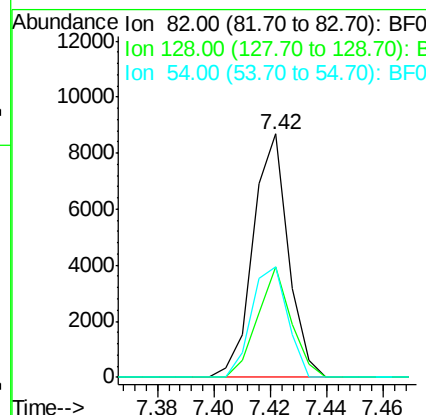
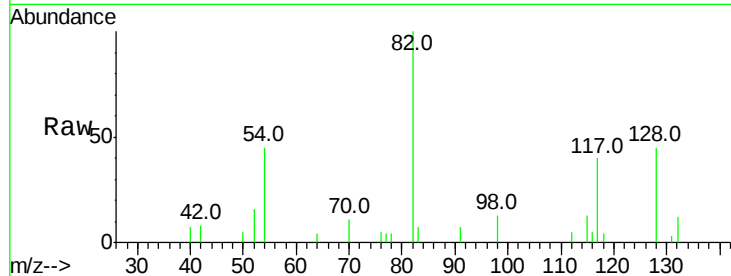




#23
Nitrobenzene-d5
Concen: 0.978 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099113.D
Acq: 5 Oct 2017 19:49

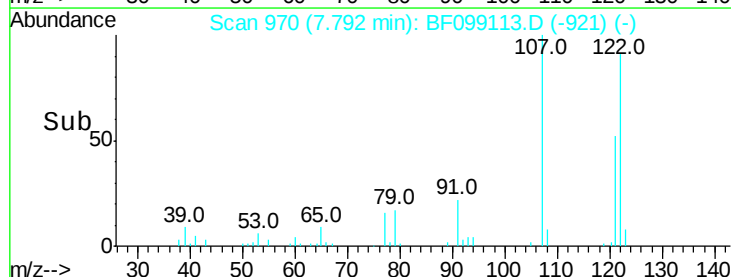
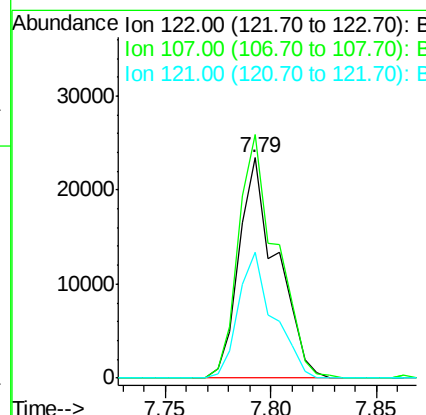
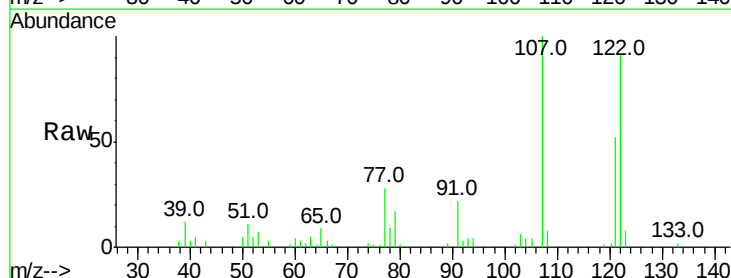
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

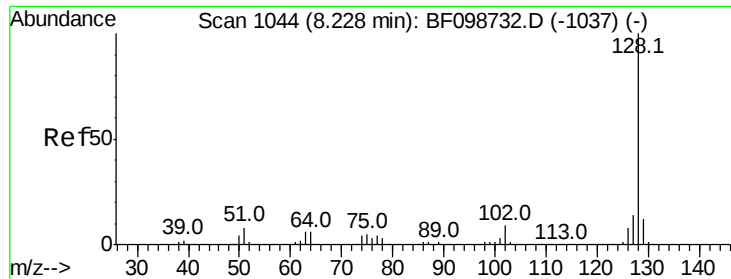
Tot Ion: 82 Resp: 7490
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 45.4 41.4 62.2



#27
2,4-Dimethylphenol
Concen: 3.672 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF099113.D
Acq: 5 Oct 2017 19:49

Tgt Ion: 122 Resp: 28978
Ion Ratio Lower Upper
122 100
107 110.4 91.2 136.8
121 57.3 47.2 70.8

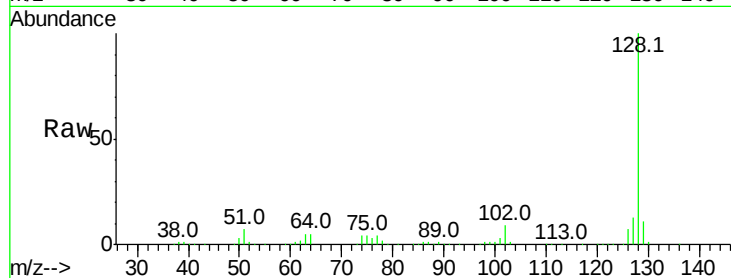




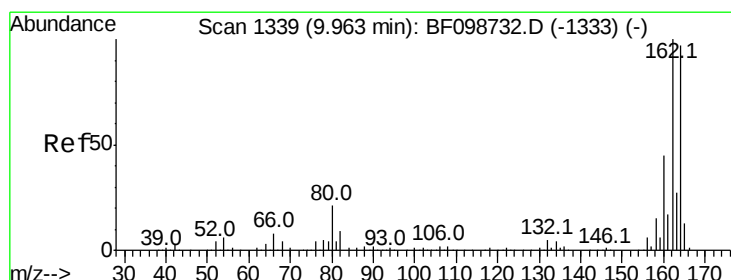
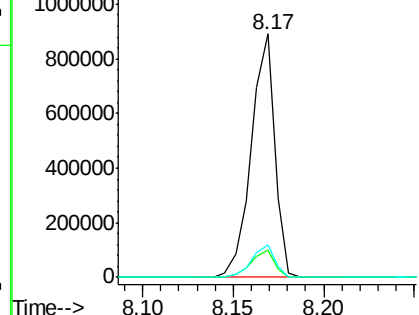
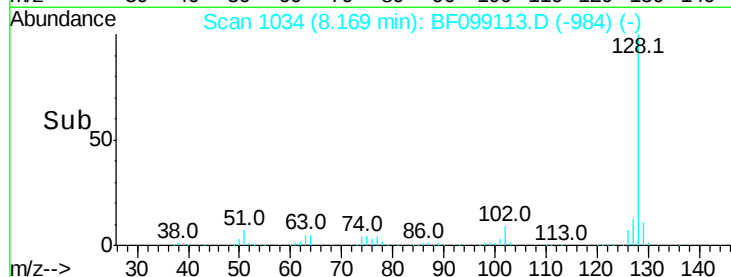
#31
Naphthalene
Concen: 34.733 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF099113.D
Acq: 5 Oct 2017 19:49

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion:128 Resp: 801475
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.9 16.3

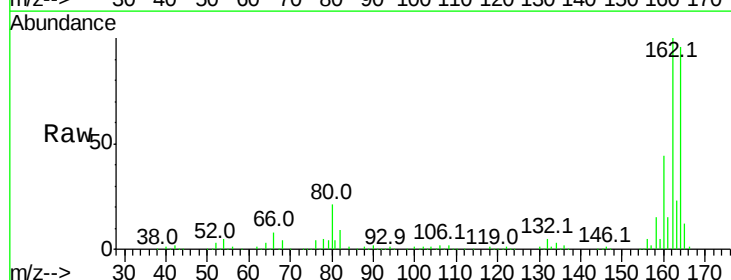


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

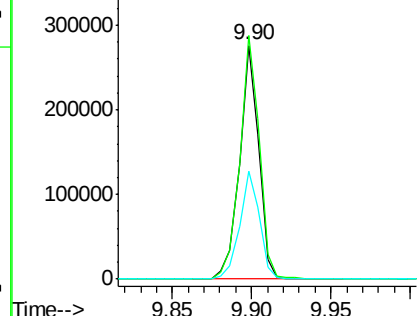
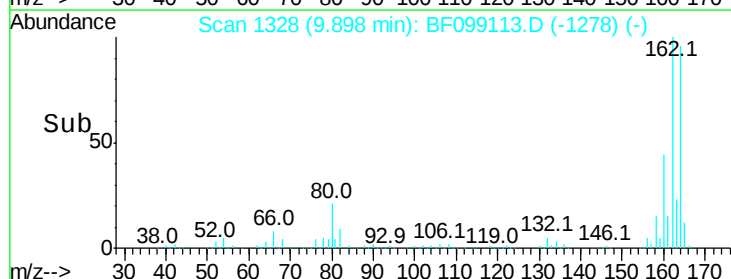


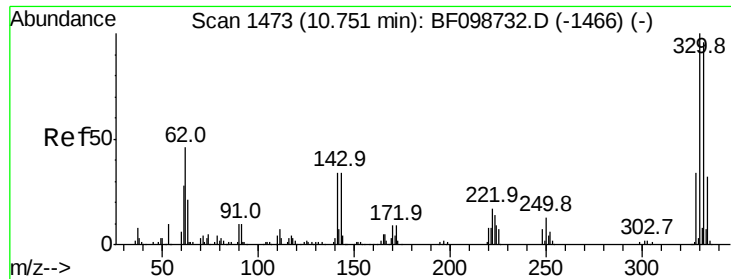
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099113.D
Acq: 5 Oct 2017 19:49

Tgt Ion:164 Resp: 231837
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 46.0 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

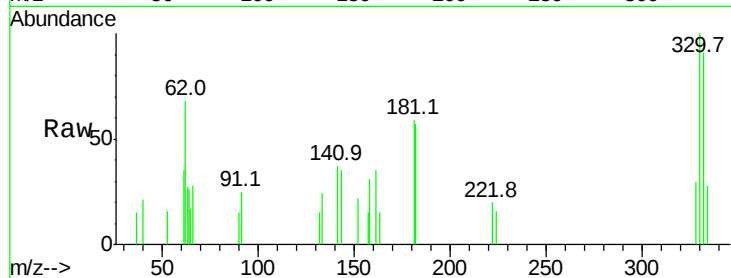




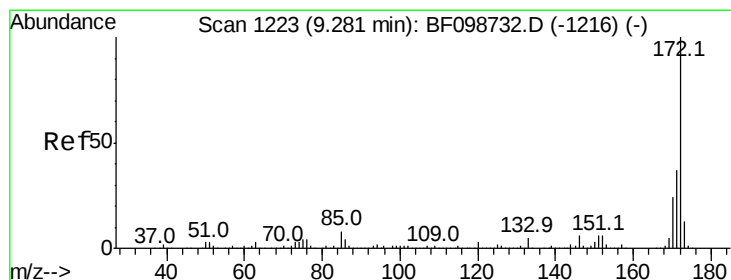
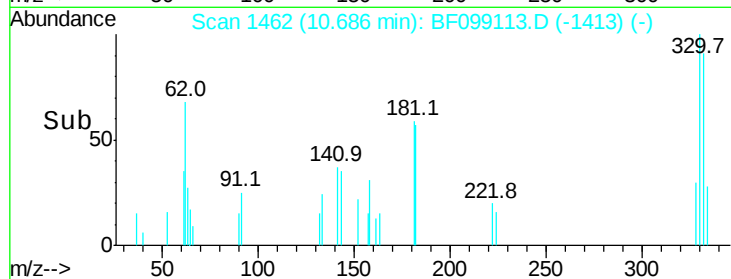
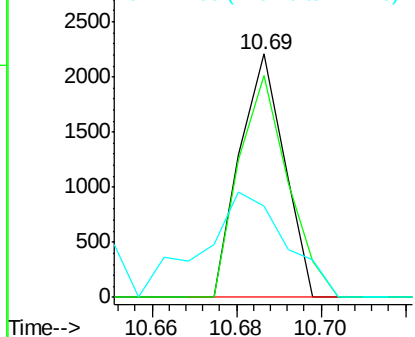
#41
 2,4,6-Tribromophenol
 Concen: 0.851 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099113.D
 Acq: 5 Oct 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL2

Tot Ion:330 Resp: 1614
 Ion Ratio Lower Upper
 330 100
 332 101.2 77.0 115.6
 141 81.4 29.9 44.9#

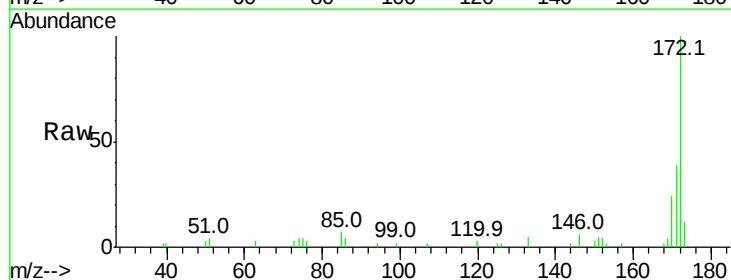


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

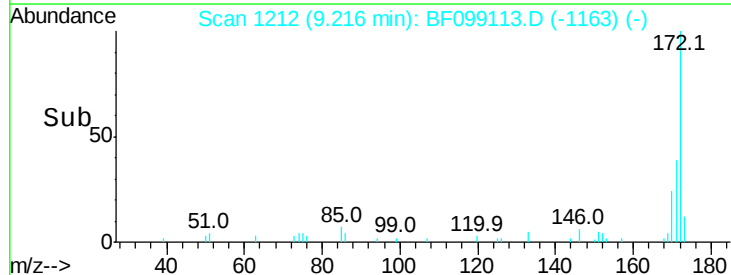
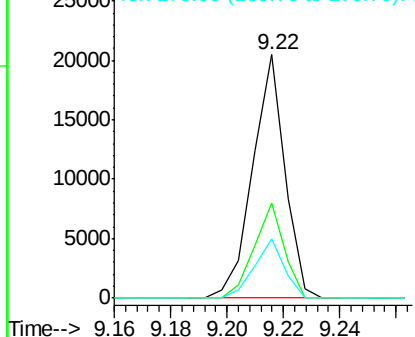


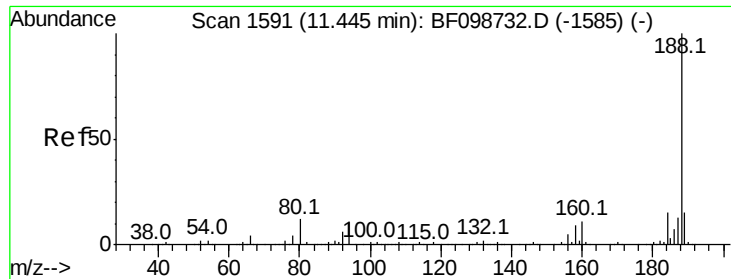
#44
 2-Fluorobiphenyl
 Concen: 1.165 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099113.D
 Acq: 5 Oct 2017 19:49

Tgt Ion:172 Resp: 16176
 Ion Ratio Lower Upper
 172 100
 171 39.2 29.7 44.5
 170 24.3 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099113.D

Acq: 5 Oct 2017 19:49

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL2

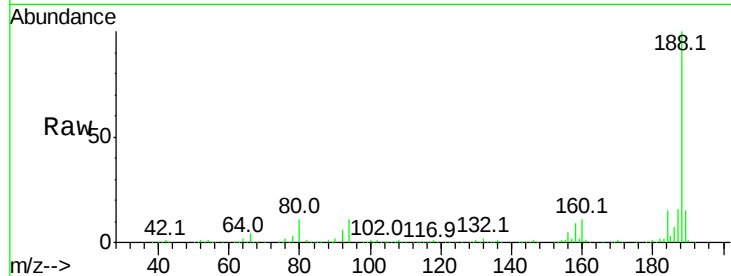
Tot Ion:188 Resp: 415463

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

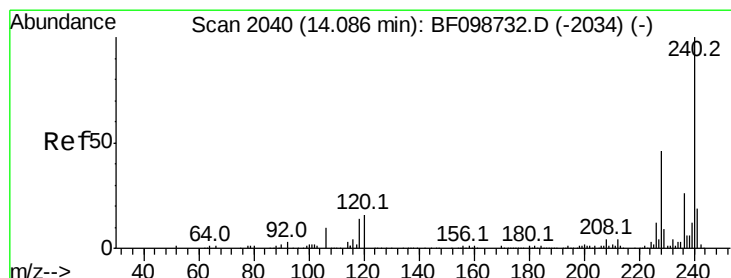
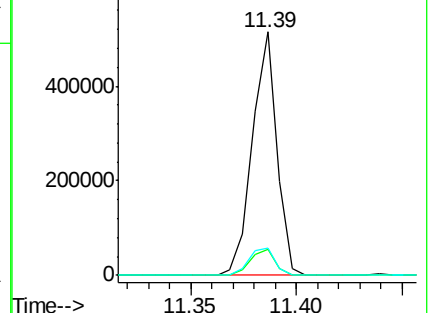
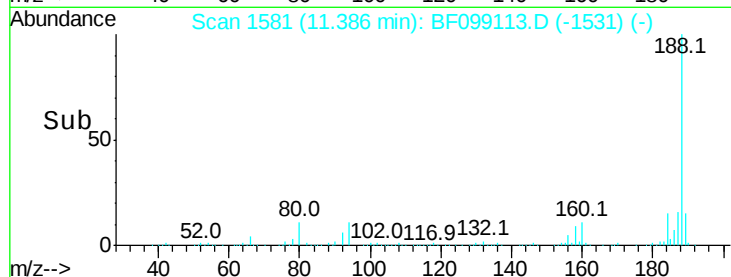
80 11.1 9.2 13.8



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: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099113.D

Acq: 5 Oct 2017 19:49

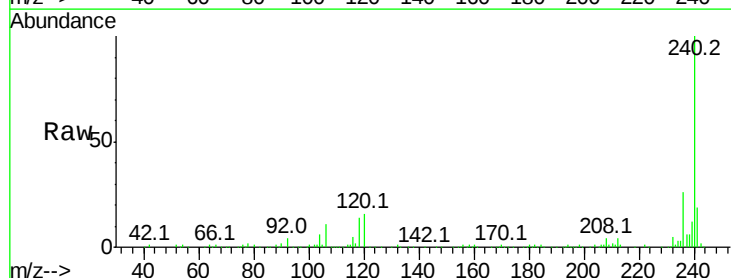
Tgt Ion:240 Resp: 298757

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

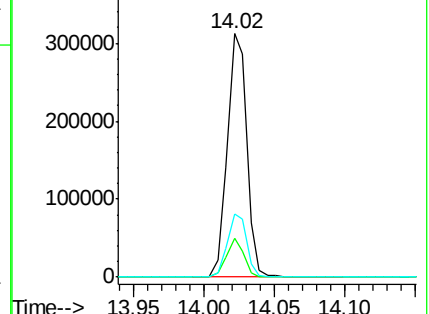
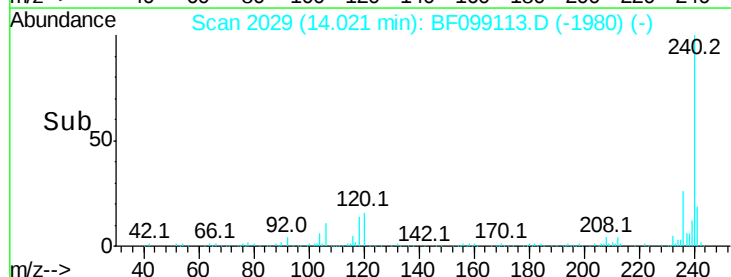
236 26.0 20.7 31.1

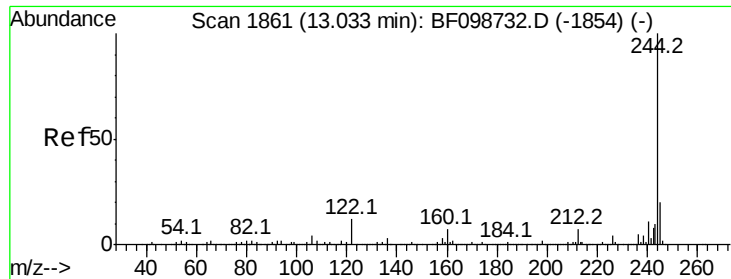


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

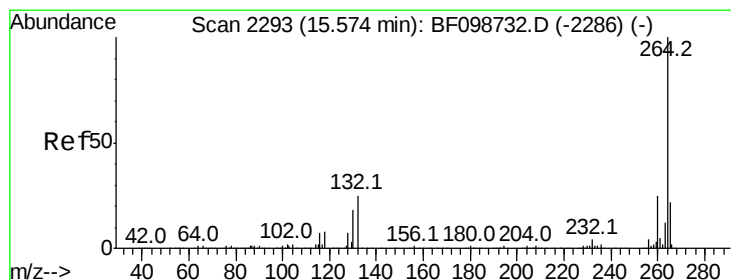
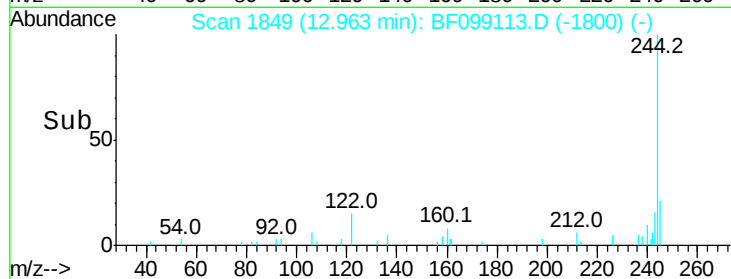
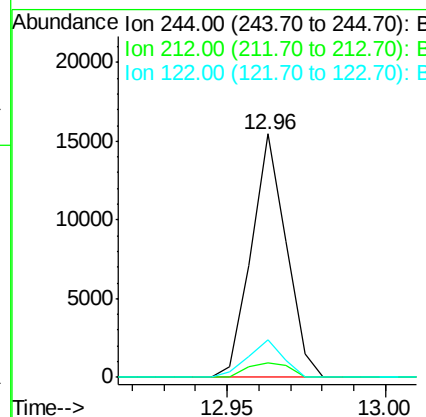
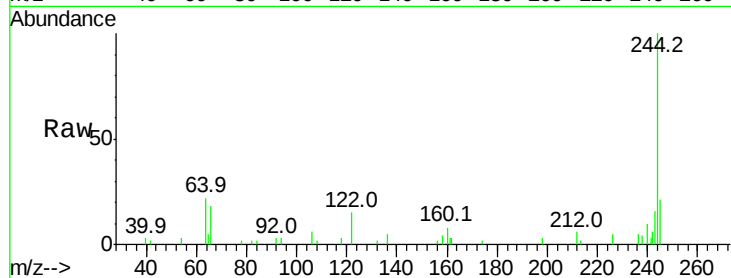




#78
 Terphenyl-d14
 Concen: 0.898 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099113.D
 Acq: 5 Oct 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL2

Tot Ion:244 Resp: 11792
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.4 8.0
 122 15.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099113.D
 Acq: 5 Oct 2017 19:49

Tgt Ion:264 Resp: 204282
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.9 17.5 26.3

