

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099741.D
 Acq On : 21 Oct 2017 21:26
 Operator : SJ/JU
 Sample : I6025-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Oct 22 01:59:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	83055	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	347022	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	154273	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	247450	20.00	ng	0.00
75) Chrysene-d12	13.98	240	140548	20.00	ng	0.00
86) Perylene-d12	15.44	264	148958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	348178	66.73	ng	0.00
7) Phenol-d6	6.46	99	302749	47.04	ng	0.00
23) Nitrobenzene-d5	7.38	82	453832	83.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	150145	118.94	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	910905	98.57	ng	0.00
78) Terphenyl-d14	12.92	244	559361	90.51	ng	0.00

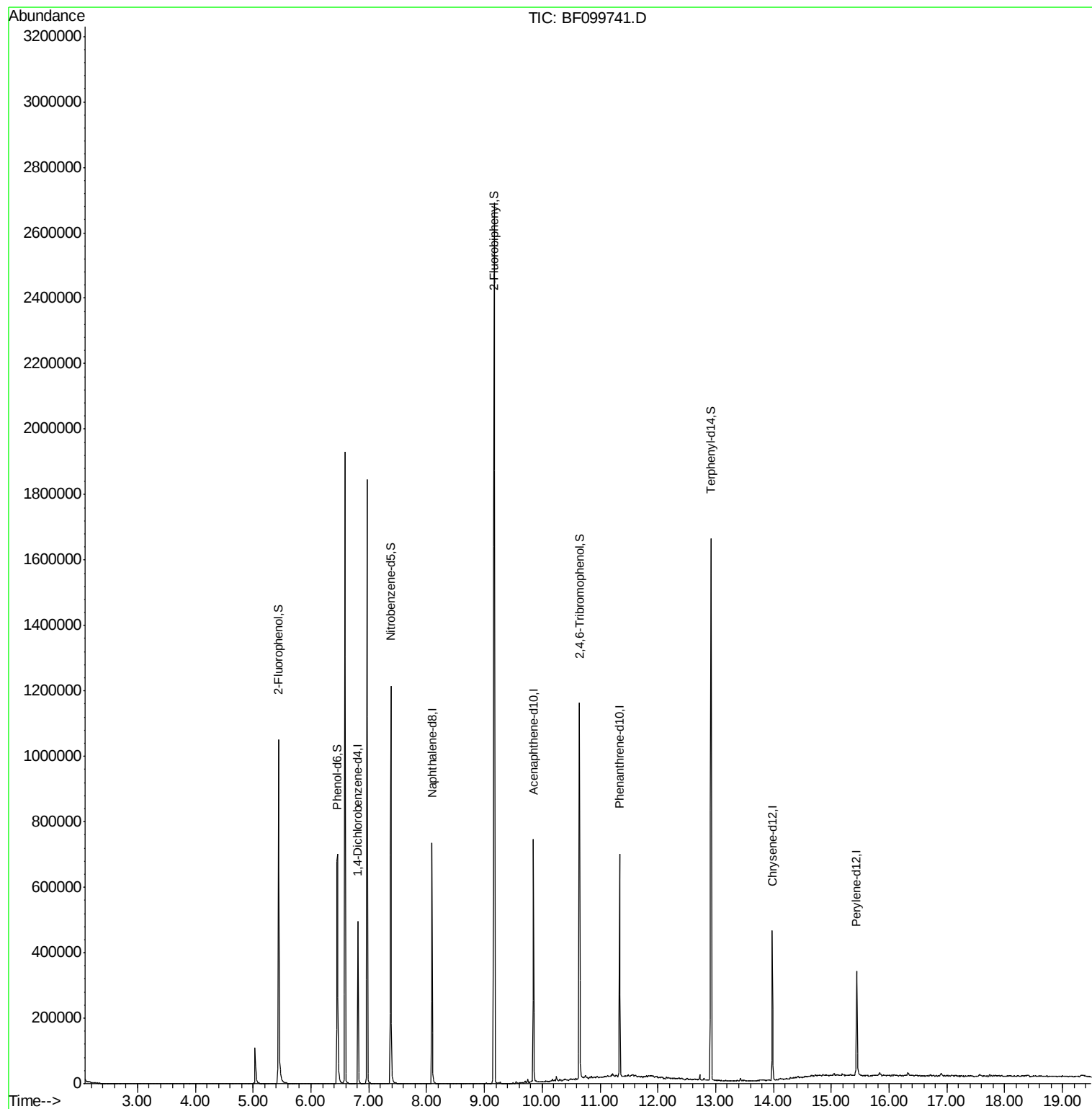
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099741.D
Acq On : 21 Oct 2017 21:26
Operator : SJ/JU
Sample : I6025-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Time: Oct 22 01:59:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration



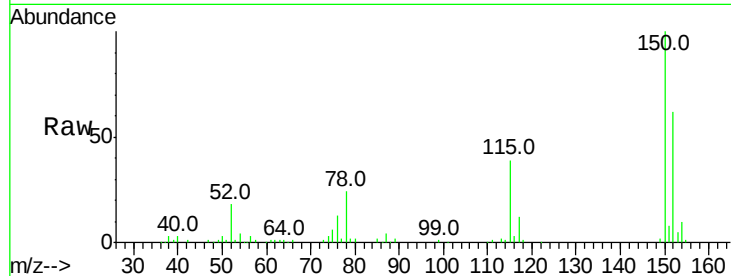


#1

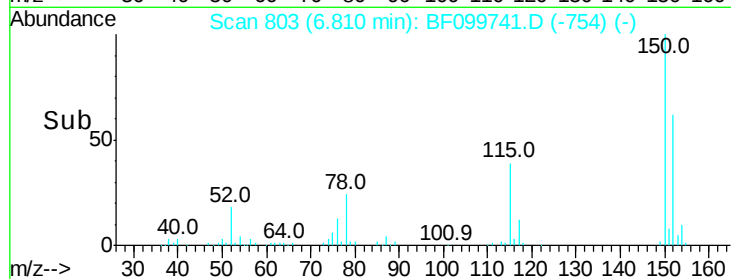
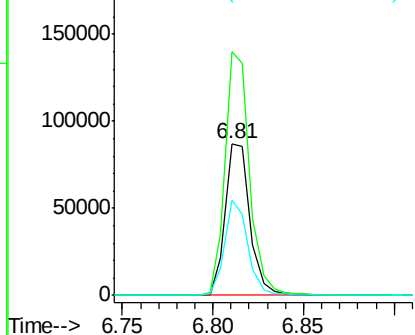
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion:152 Resp: 83055
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.6 186.8
 115 62.9 50.1 75.1



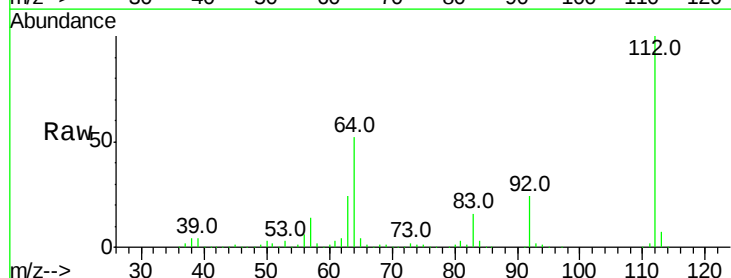
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



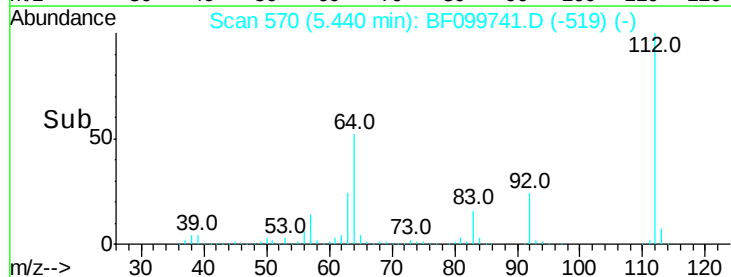
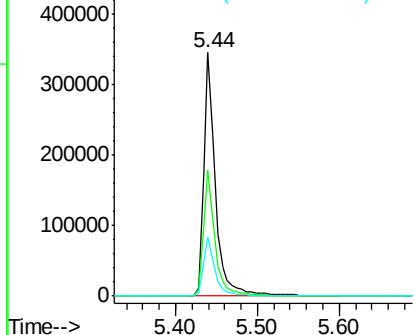
#5

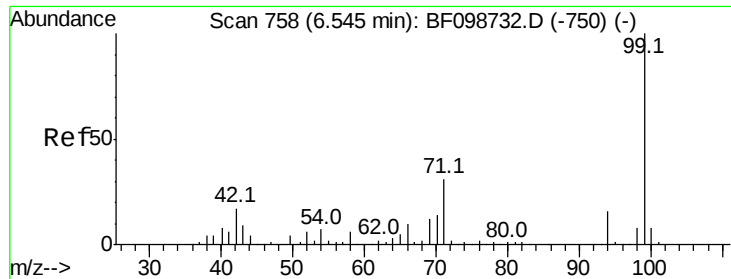
2-Fluorophenol
 Concen: 66.735 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

Tgt Ion:112 Resp: 348178
 Ion Ratio Lower Upper
 112 100
 64 51.9 47.9 71.9
 63 24.5 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: 47.039 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099741.D

Acq: 21 Oct 2017 21:26

Instrument :

BNA_F

ClientSampleId :

MW-01

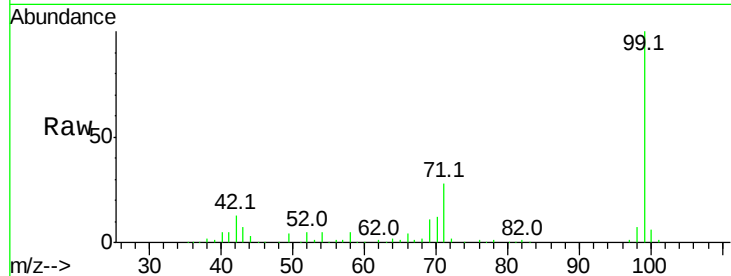
Tot Ion: 99 Resp: 302749

Ion Ratio Lower Upper

99 100

42 13.1 14.5 21.7#

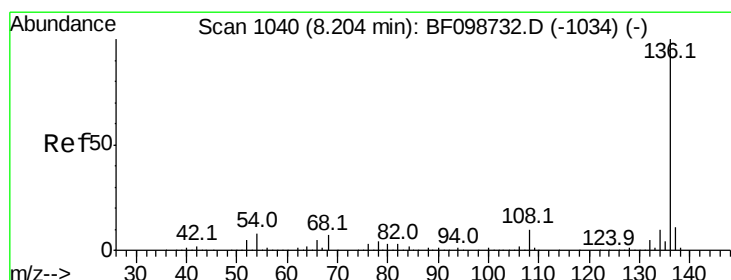
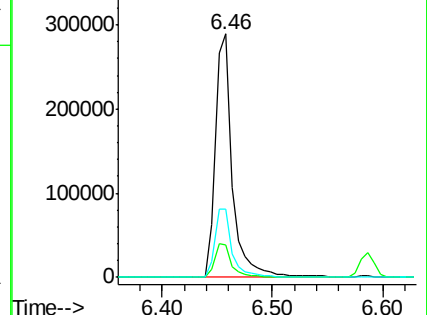
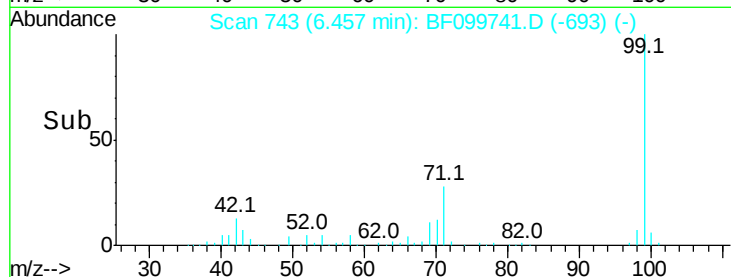
71 27.8 25.4 38.0



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: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF099741.D

Acq: 21 Oct 2017 21:26

Tgt Ion: 136 Resp: 347022

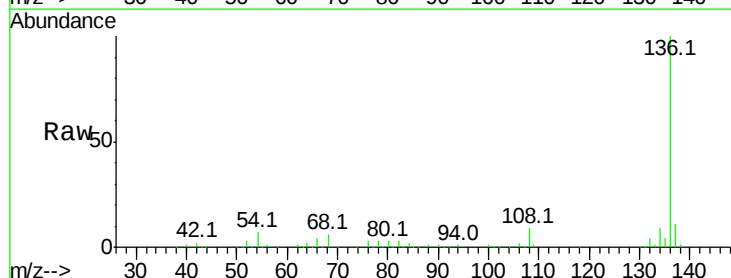
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.8 6.6 9.8

68 5.7 5.0 7.4

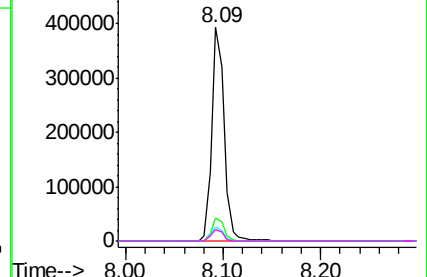
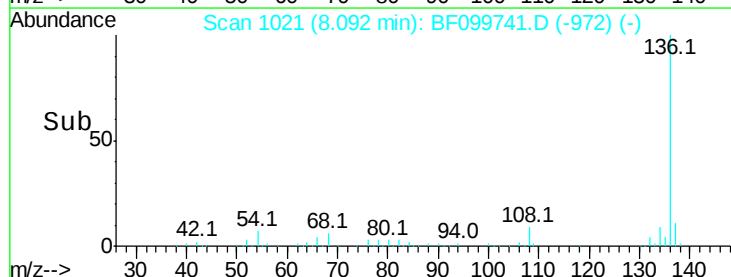


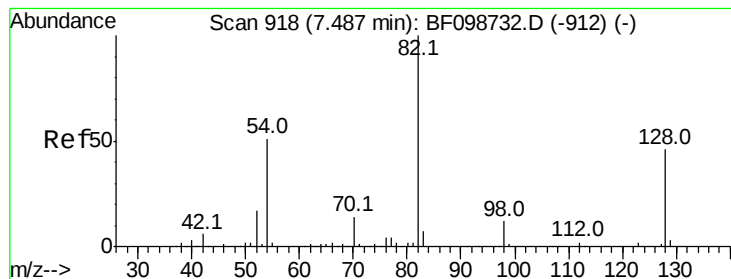
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.869 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF099741.D

Acq: 21 Oct 2017 21:26

Instrument :

BNA_F

ClientSampleId :

MW-01

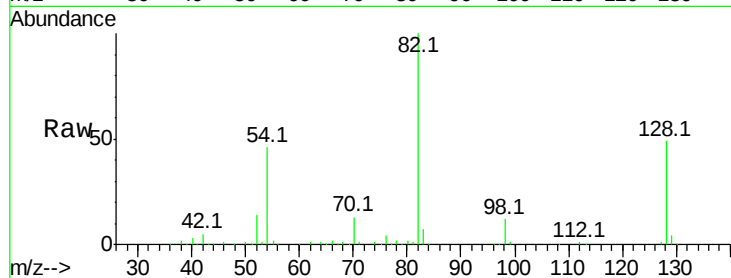
Tot Ion: 82 Resp: 453832

Ion Ratio Lower Upper

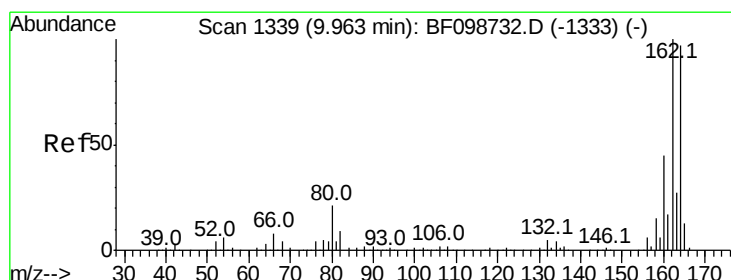
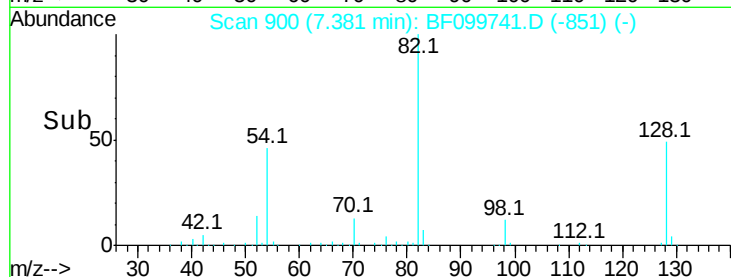
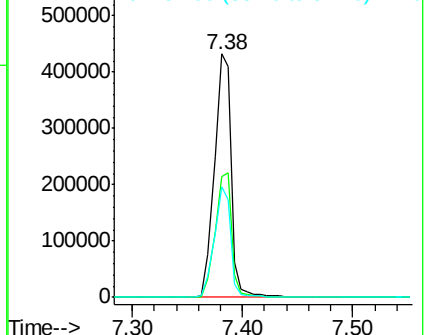
82 100

128 49.4 36.1 54.1

54 45.6 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: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF099741.D

Acq: 21 Oct 2017 21:26

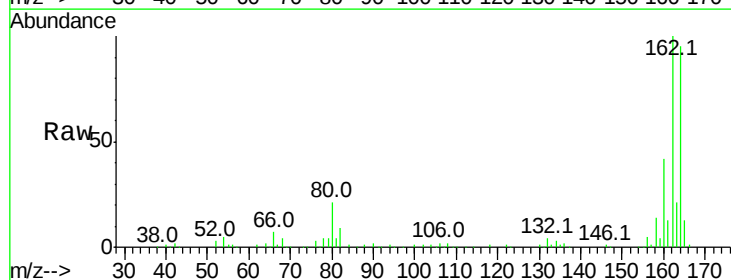
Tgt Ion:164 Resp: 154273

Ion Ratio Lower Upper

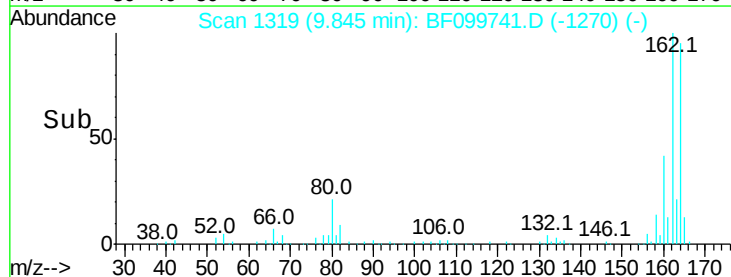
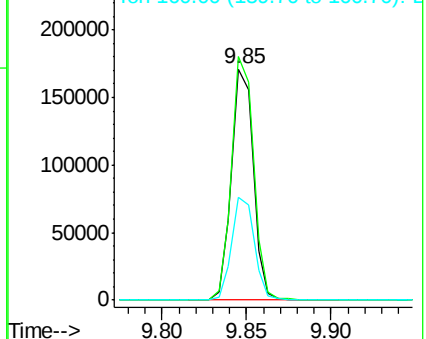
164 100

162 105.4 86.1 129.1

160 44.7 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

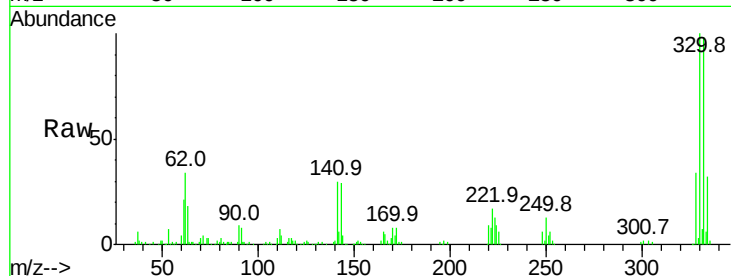




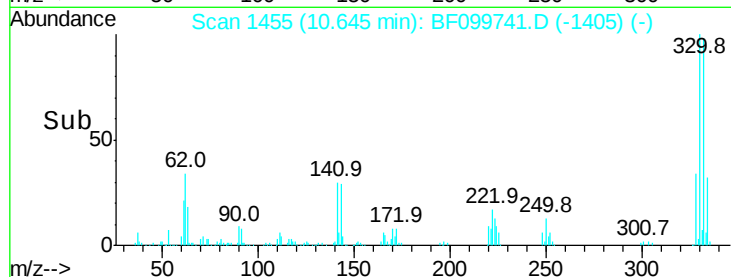
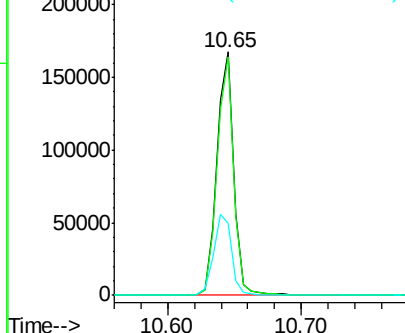
#41
 2,4,6-Tribromophenol
 Concen: 118.939 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion:330 Resp: 150145
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 36.1 29.9 44.9

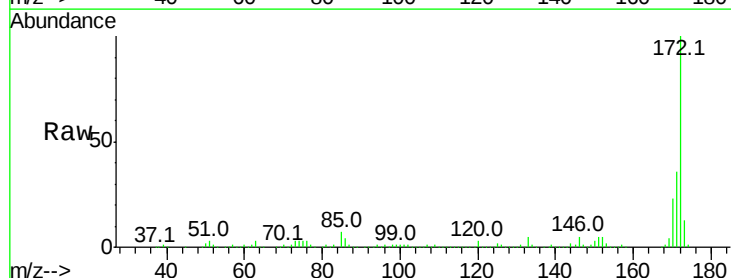


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

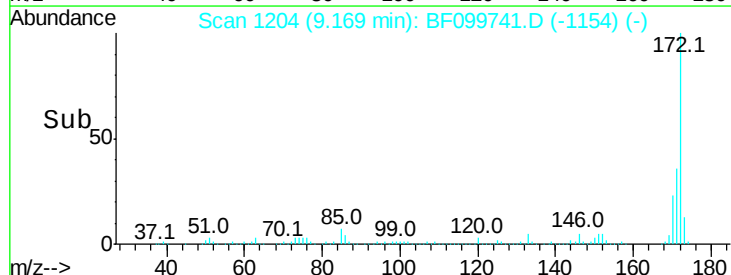
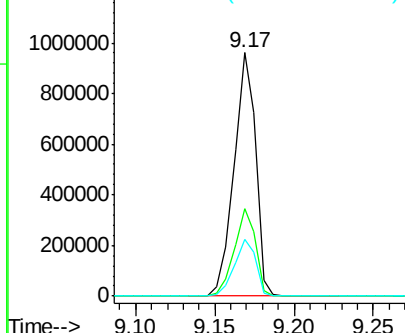


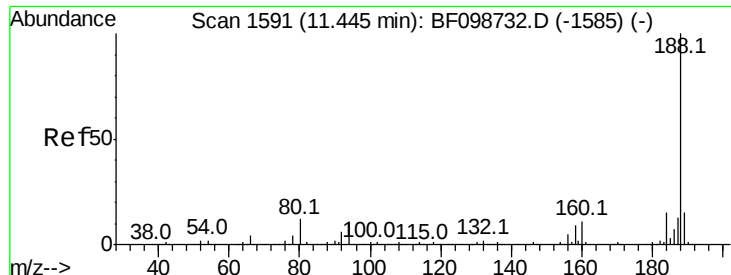
#44
 2-Fluorobiphenyl
 Concen: 98.571 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

Tgt Ion:172 Resp: 910905
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.4 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

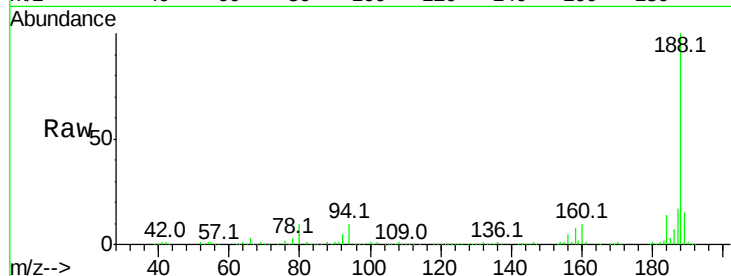




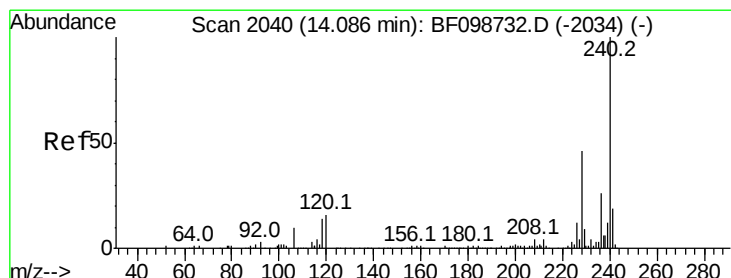
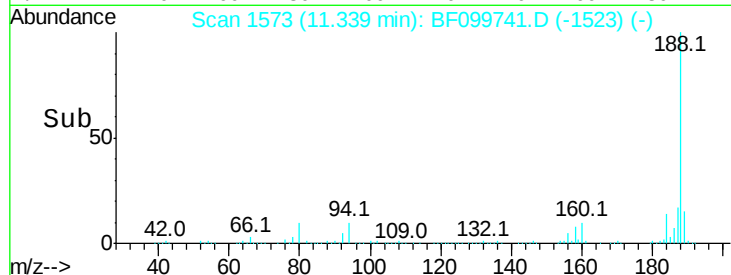
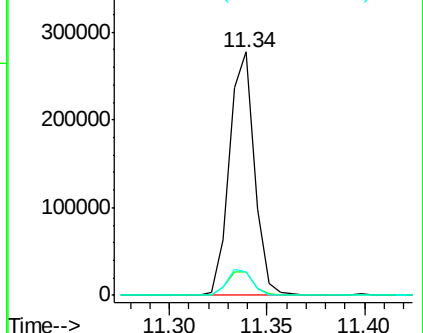
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099741.D
Acq: 21 Oct 2017 21:26

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion:188 Resp: 247450
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 9.9 9.2 13.8

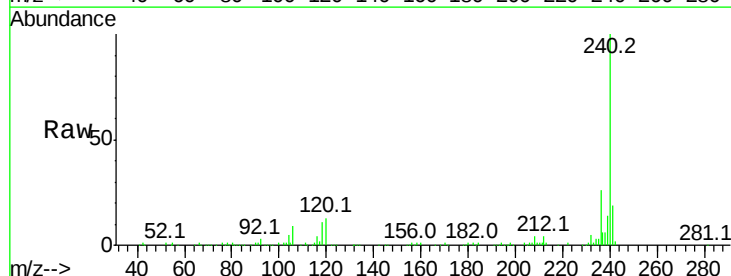


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

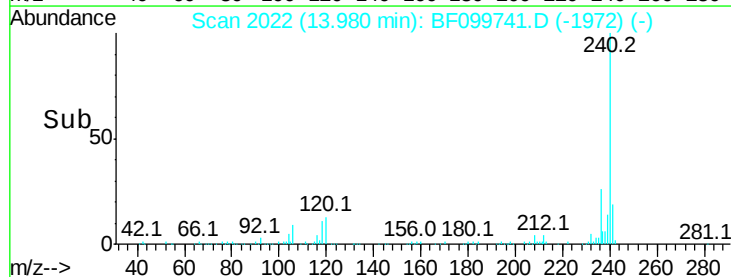
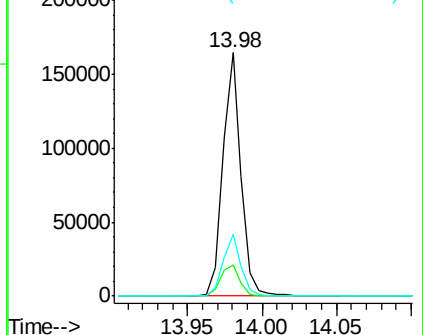


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099741.D
Acq: 21 Oct 2017 21:26

Tgt Ion:240 Resp: 140548
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.5 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: 90.510 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099741.D

Acq: 21 Oct 2017 21:26

Instrument :

BNA_F

ClientSampleId :

MW-01

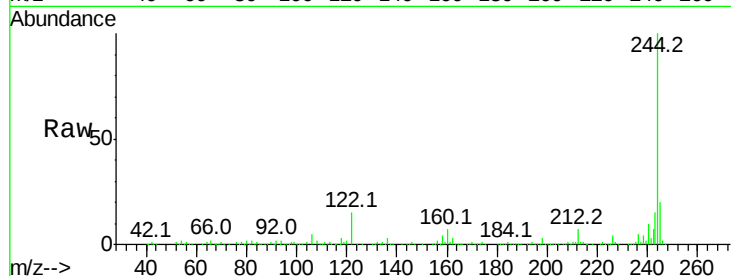
Tot Ion:244 Resp: 559361

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

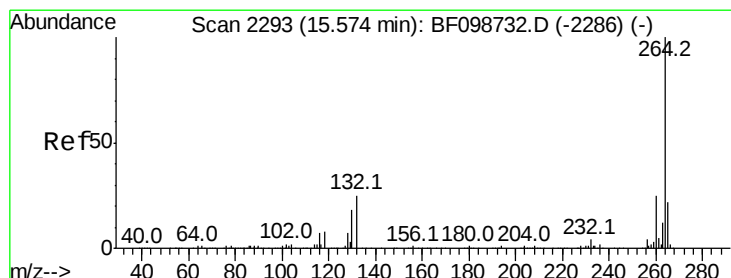
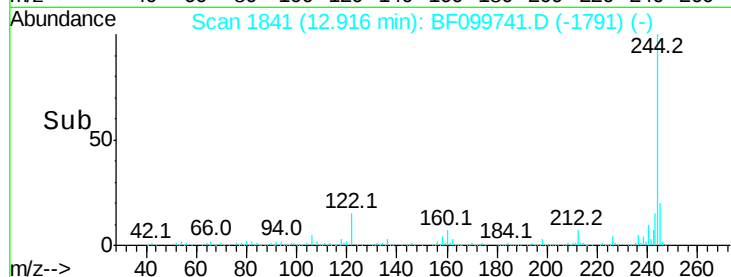
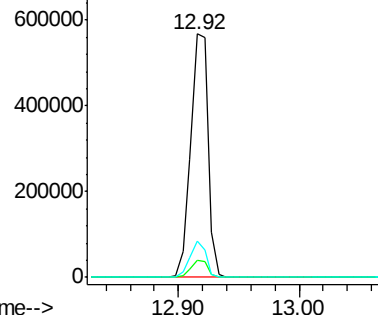
122 15.0 11.0 16.4



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: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF099741.D

Acq: 21 Oct 2017 21:26

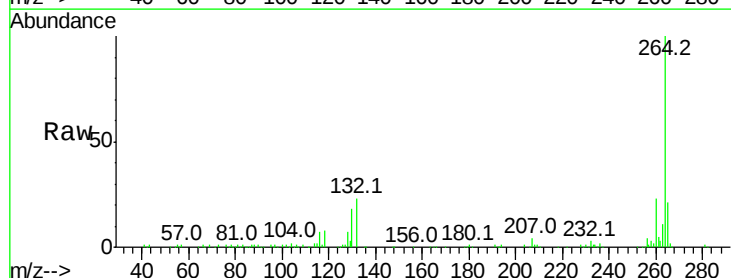
Tgt Ion:264 Resp: 148958

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.9 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

