

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099557.D
 Acq On : 16 Oct 2017 21:22
 Operator : SJ/JU
 Sample : I5782-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3(1-3)

Quant Time: Oct 17 02:03:21 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

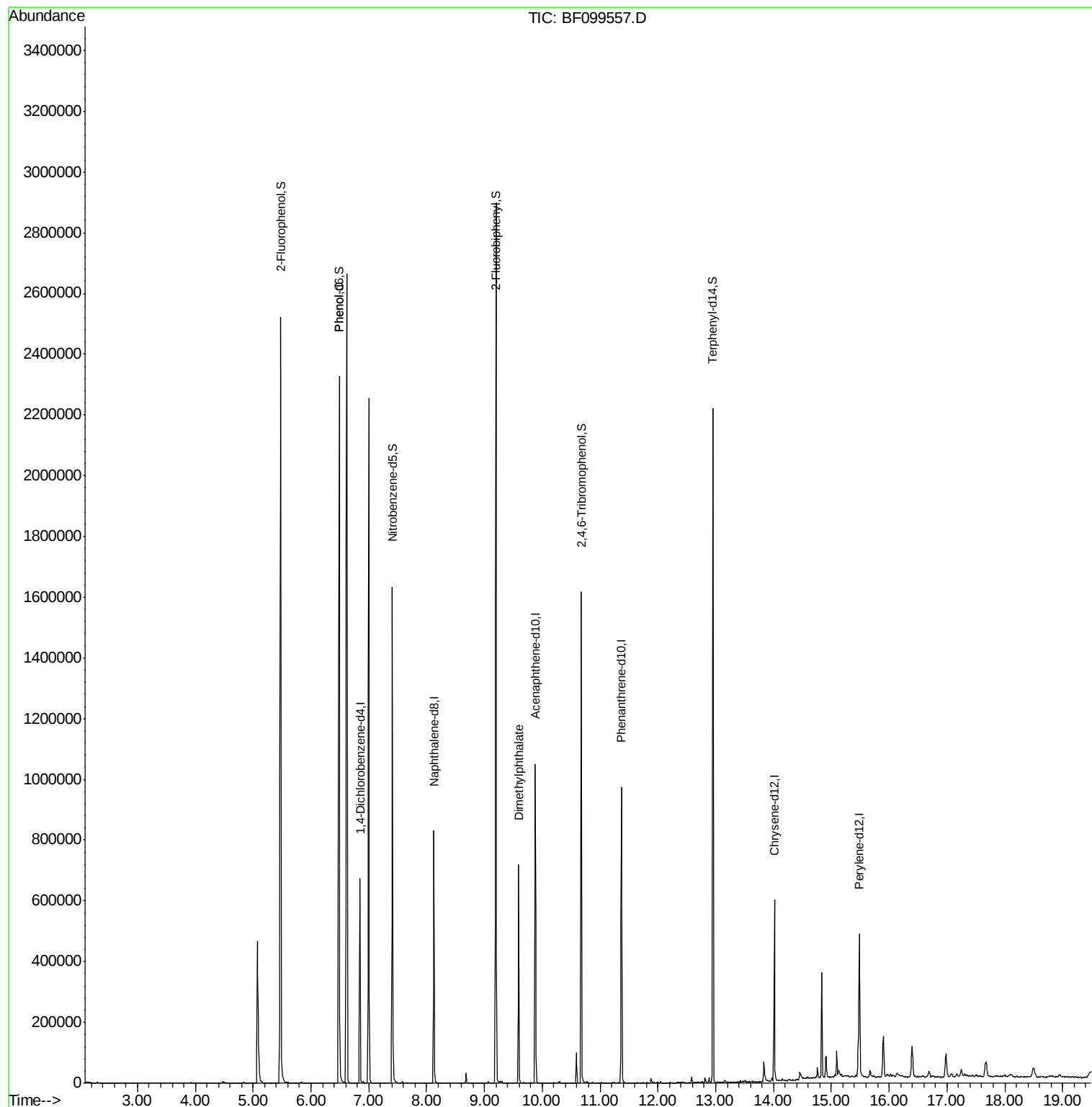
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105482	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	434457	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	194661	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	325858	20.00	ng	0.00
75) Chrysene-d12	14.02	240	199704	20.00	ng	0.00
86) Perylene-d12	15.49	264	197145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	827635	124.90	ng	0.00
7) Phenol-d6	6.49	99	993873	121.59	ng	0.00
23) Nitrobenzene-d5	7.41	82	607719	89.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	195410	122.68	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1067873	91.58	ng	0.00
78) Terphenyl-d14	12.96	244	781176	88.96	ng	0.00
Target Compounds						
10) Phenol	6.49	94	74015	8.096	ng	95
49) Dimethylphthalate	9.59	163	283957	19.327	ng	99

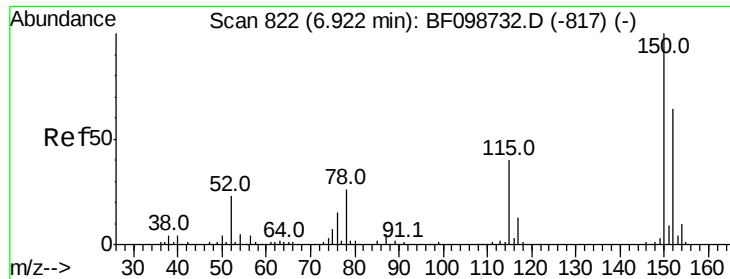
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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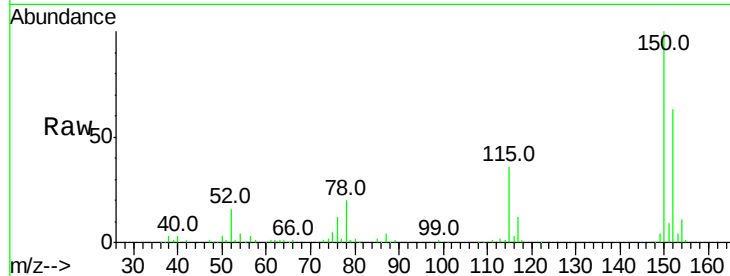


#1

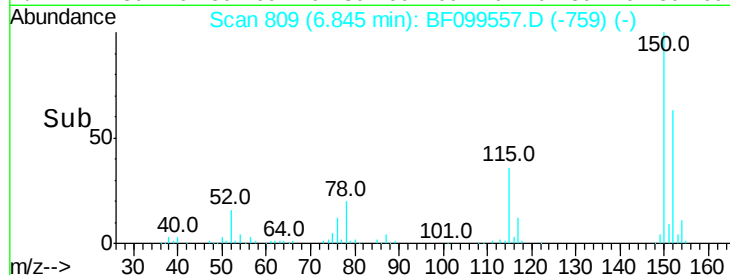
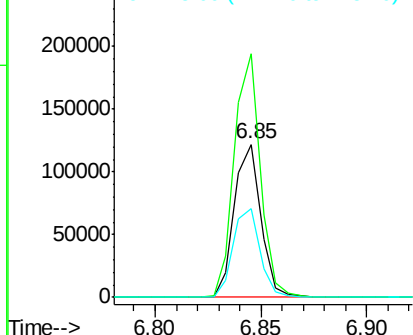
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099557.D
 Acq: 16 Oct 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 S3(1-3)

Tot Ion:152 Resp: 105482
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.6 186.8
 115 57.6 50.1 75.1



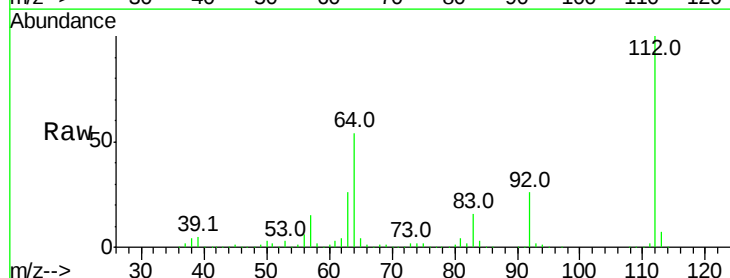
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



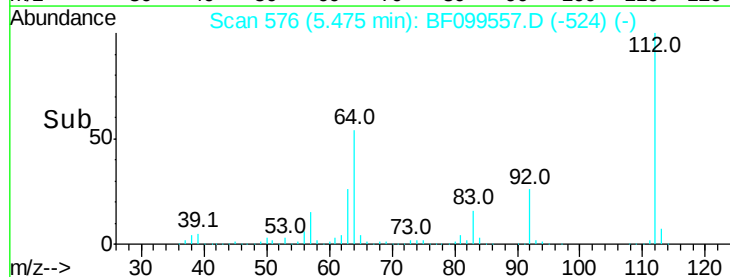
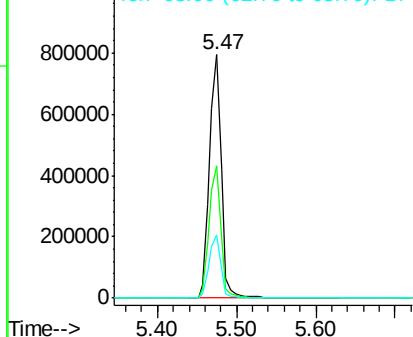
#5

2-Fluorophenol
 Concen: 124.904 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099557.D
 Acq: 16 Oct 2017 21:22

Tgt Ion:112 Resp: 827635
 Ion Ratio Lower Upper
 112 100
 64 54.4 47.9 71.9
 63 26.2 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: 121.588 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099557.D

Acq: 16 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

S3(1-3)

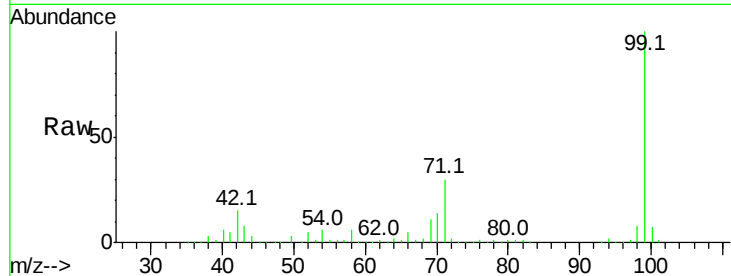
Tot Ion: 99 Resp: 993873

Ion Ratio Lower Upper

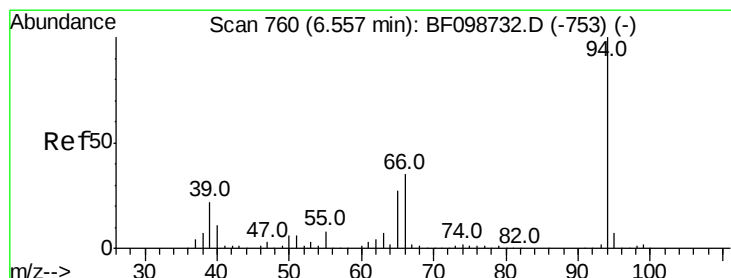
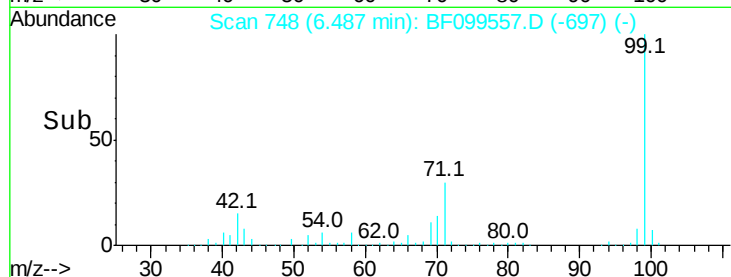
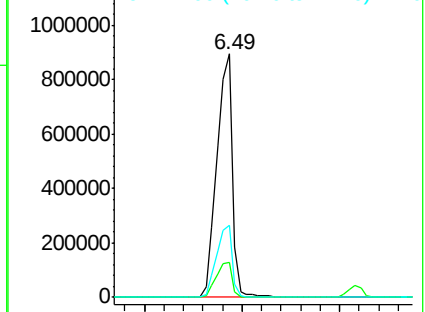
99 100

42 14.6 14.5 21.7

71 29.9 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



#10

Phenol

Concen: 8.096 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099557.D

Acq: 16 Oct 2017 21:22

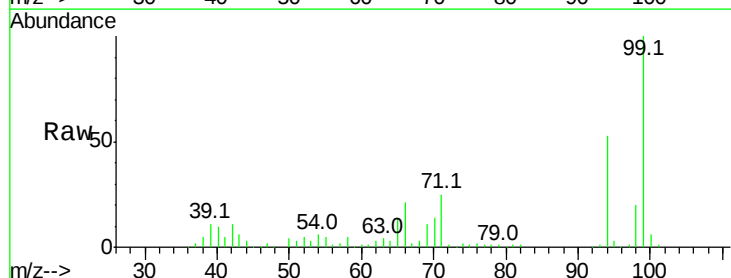
Tgt Ion: 94 Resp: 74015

Ion Ratio Lower Upper

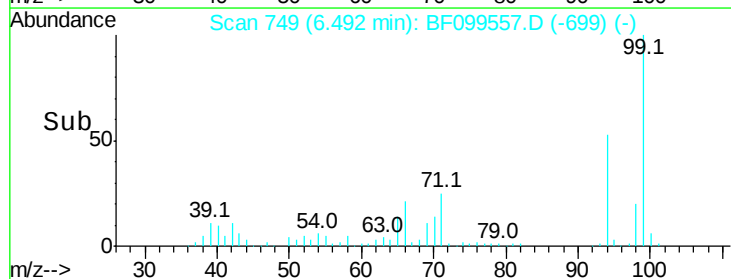
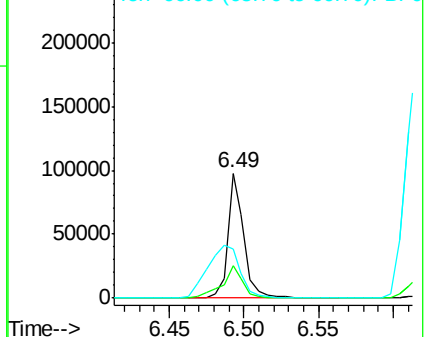
94 100

65 26.1 7.9 47.9

66 39.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

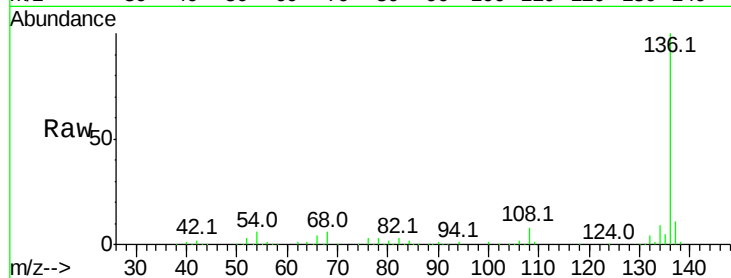




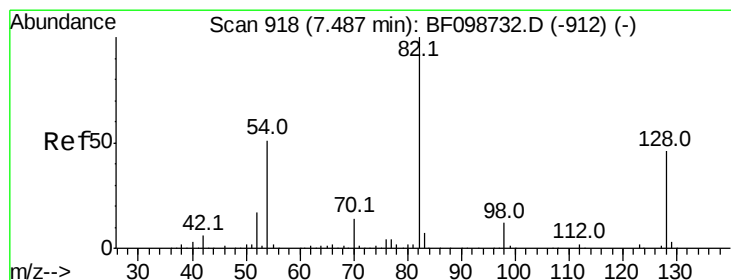
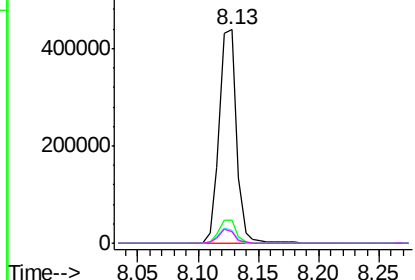
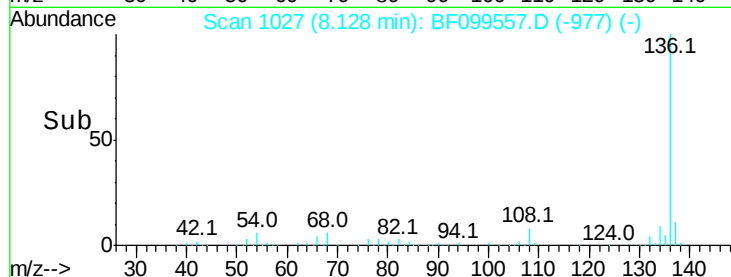
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099557.D
Acq: 16 Oct 2017 21:22

Instrument :
BNA_F
ClientSampleId :
S3(1-3)

Tot Ion:136	Resp:	434457
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.2	6.6 9.8#
68	5.6	5.0 7.4

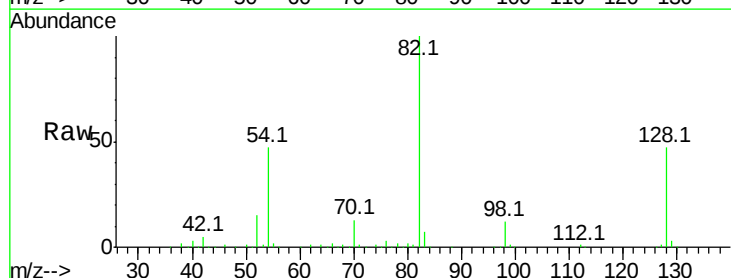


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

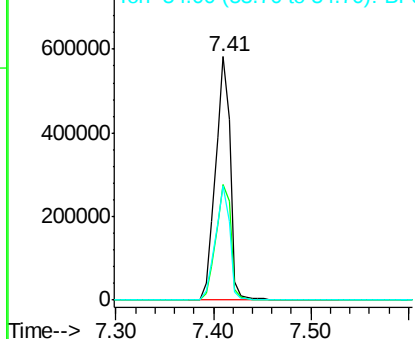
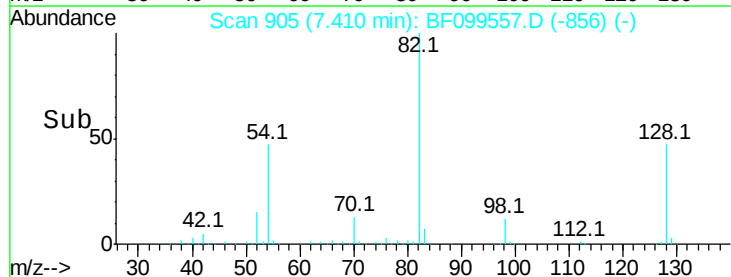


#23
Nitrobenzene-d5
Concen: 89.705 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099557.D
Acq: 16 Oct 2017 21:22

Tgt Ion: 82	Resp:	607719
Ion Ratio	Lower	Upper
82	100	
128	47.4	36.1 54.1
54	46.7	41.4 62.2



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

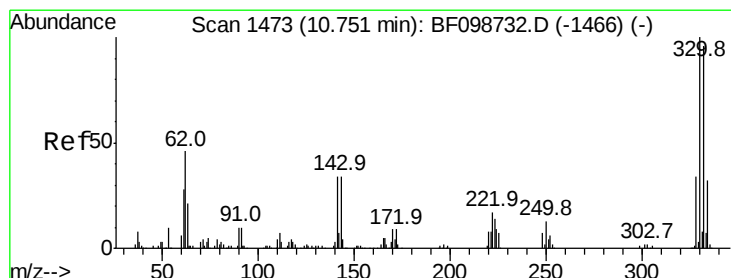
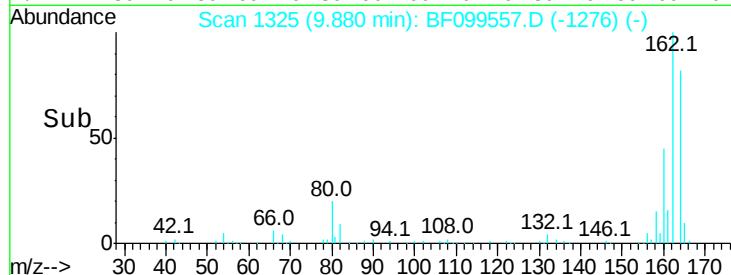
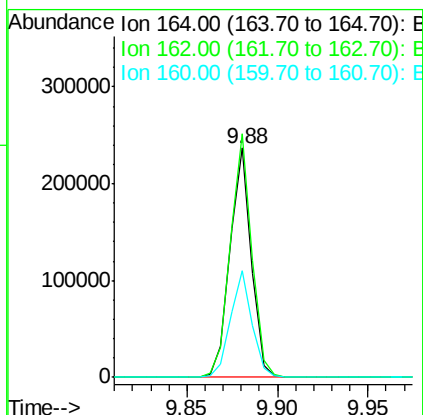
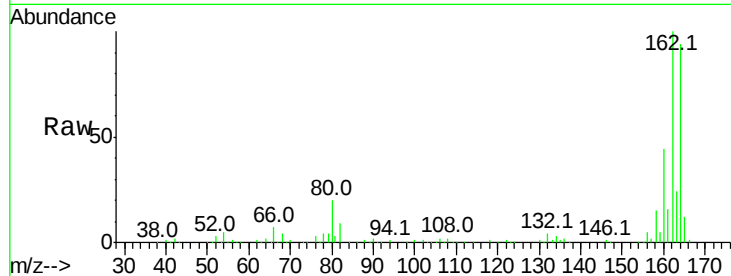




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099557.D
Acq: 16 Oct 2017 21:22

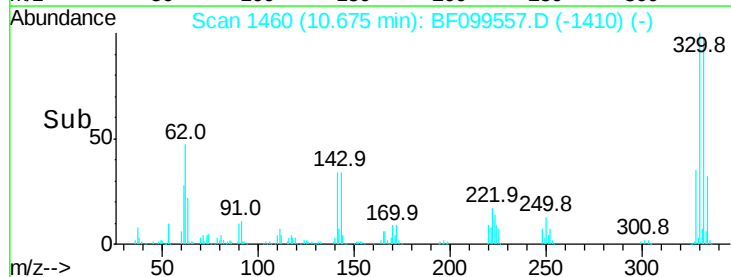
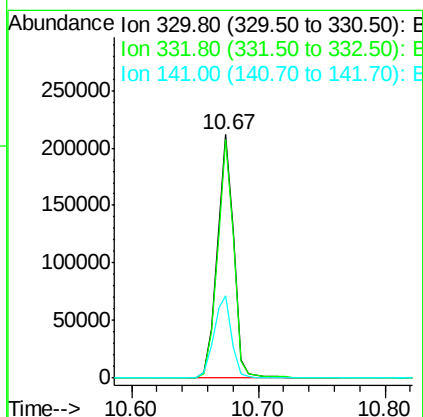
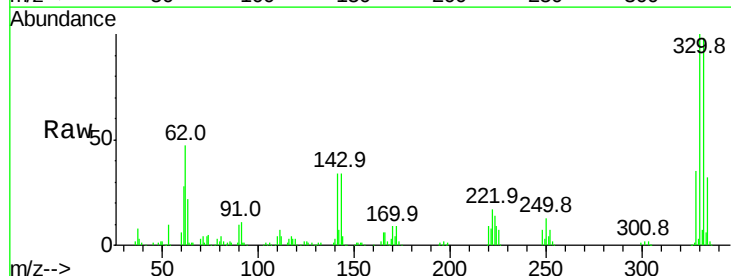
Instrument :
BNA_F
ClientSampleId :
S3(1-3)

Tot Ion:164 Resp: 194661
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 46.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 122.679 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099557.D
Acq: 16 Oct 2017 21:22

Tgt Ion:330 Resp: 195410
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 36.4 29.9 44.9

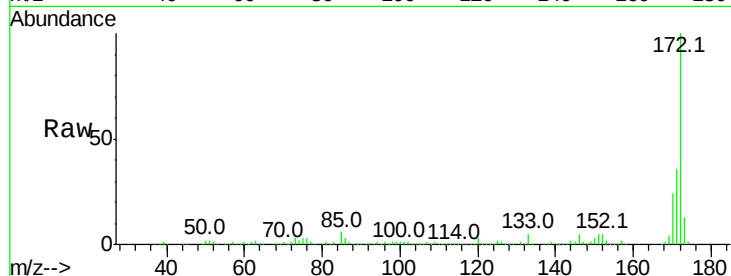




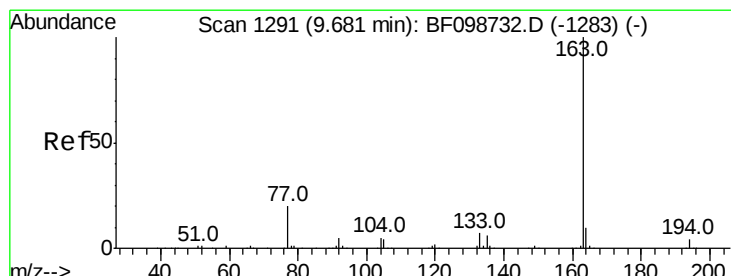
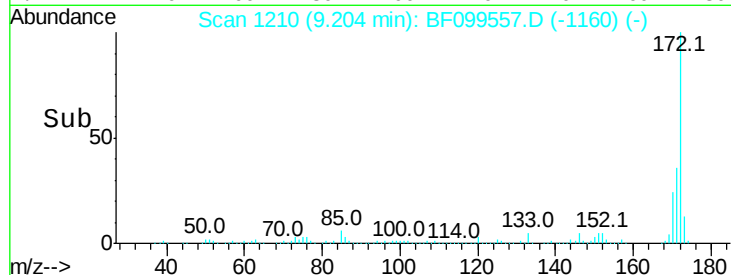
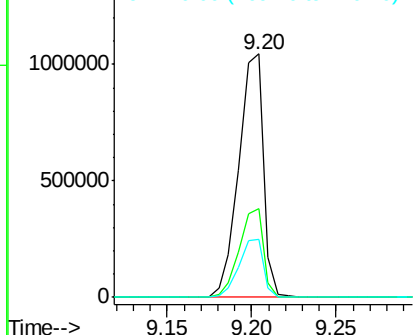
#44
2-Fluorobiphenyl
Concen: 91.581 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099557.D
Acq: 16 Oct 2017 21:22

Instrument :
BNA_F
ClientSampled :
S3(1-3)

Tot Ion:172 Resp: 1067873
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.8 19.6 29.4

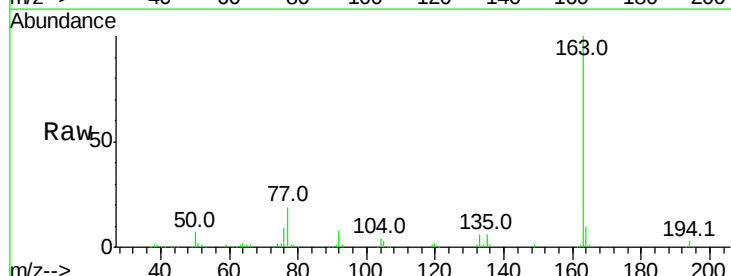


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

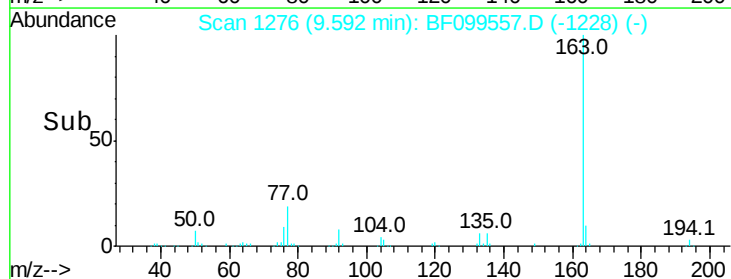
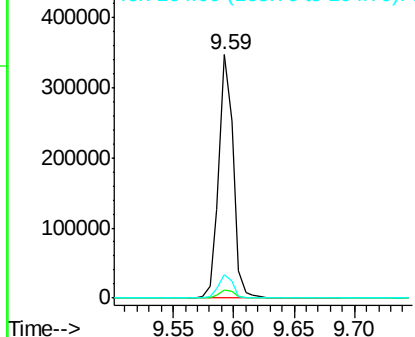


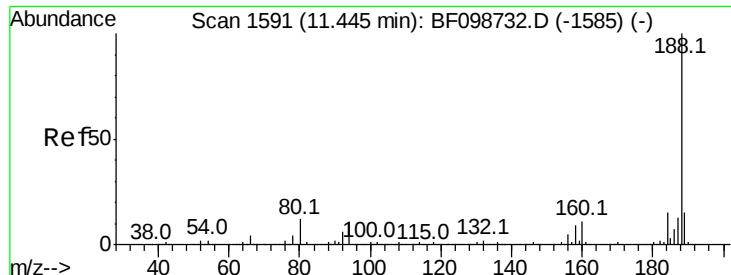
#49
Dimethylphthalate
Concen: 19.327 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099557.D
Acq: 16 Oct 2017 21:22

Tgt Ion:163 Resp: 283957
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.8 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: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF099557.D

Acq: 16 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

S3(1-3)

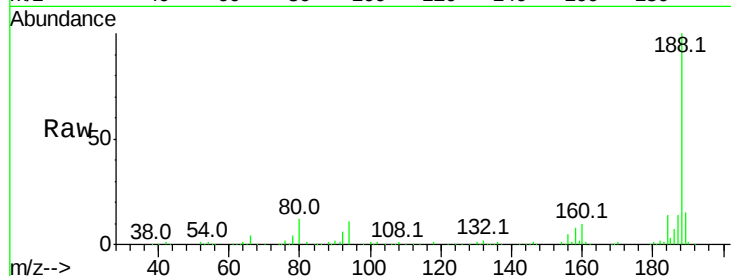
Tot Ion:188 Resp: 325858

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

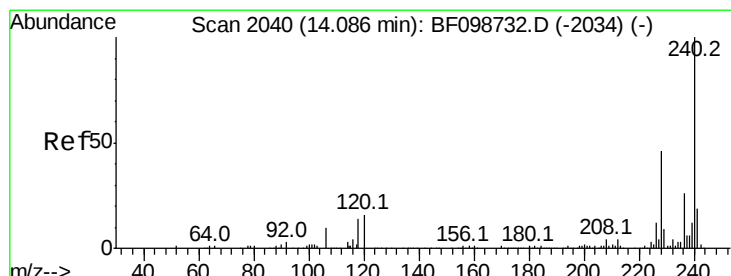
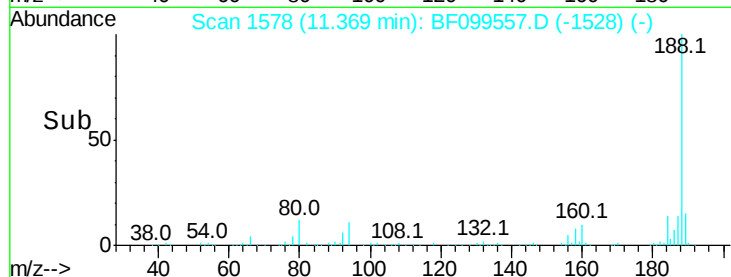
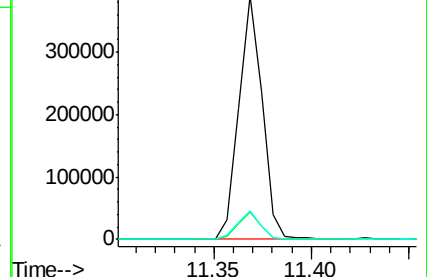
80 11.7 9.2 13.8



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# 2028

Delta R.T. 0.00 min

Lab File: BF099557.D

Acq: 16 Oct 2017 21:22

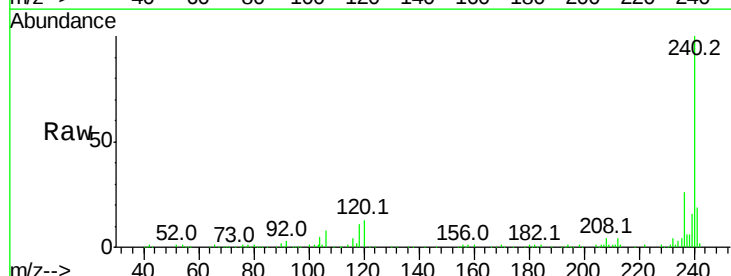
Tgt Ion:240 Resp: 199704

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

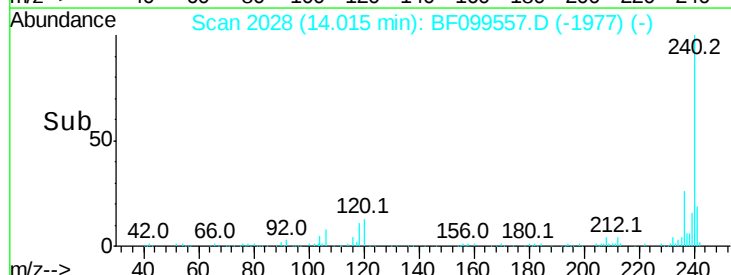
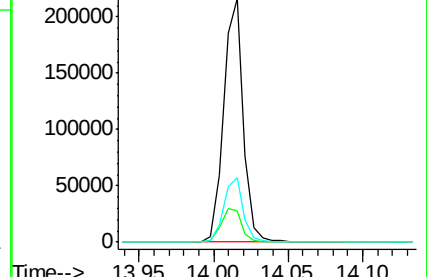
236 26.2 20.7 31.1

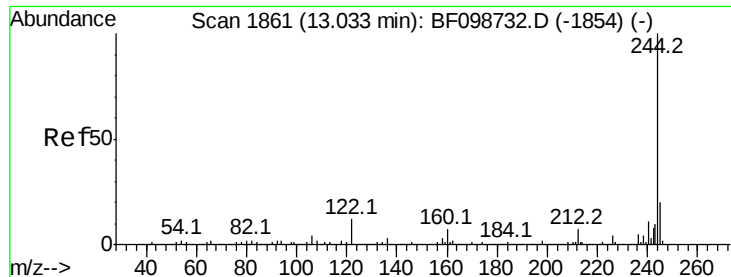


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.959 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099557.D

Acq: 16 Oct 2017 21:22

Instrument :

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ClientSampleId :

S3(1-3)

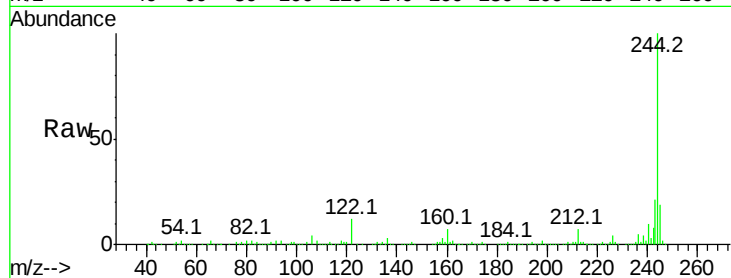
Tot Ion:244 Resp: 781176

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

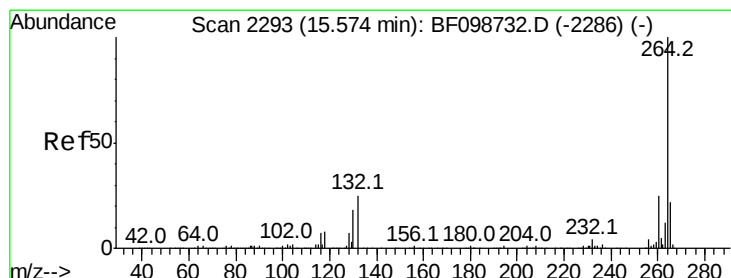
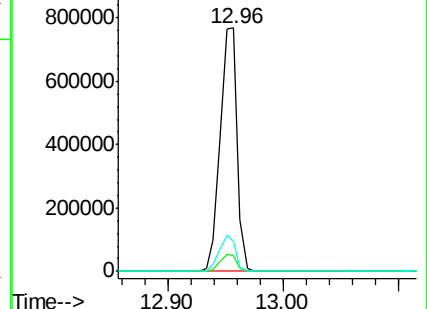
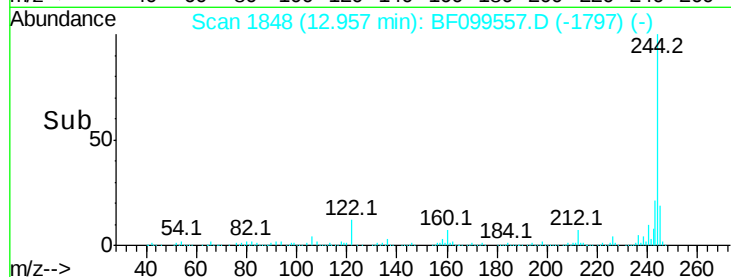
122 12.1 11.0 16.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099557.D

Acq: 16 Oct 2017 21:22

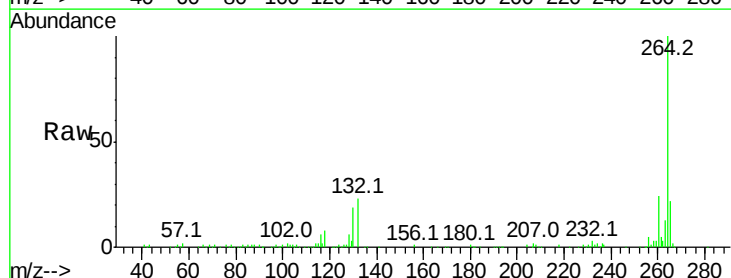
Tgt Ion:264 Resp: 197145

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.5 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

