

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099478.D
 Acq On : 14 Oct 2017 15:50
 Operator : SJ/JU
 Sample : PB103277BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BL

Quant Time: Oct 14 23:58:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99324	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	412087	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	188098	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	336537	20.00	ng	0.00
75) Chrysene-d12	14.02	240	230796	20.00	ng	0.00
86) Perylene-d12	15.49	264	165625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	747604	119.82	ng	0.01
7) Phenol-d6	6.49	99	872989	113.42	ng	0.00
23) Nitrobenzene-d5	7.42	82	531758	82.75	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	183132	118.98	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1021092	90.62	ng	0.00
78) Terphenyl-d14	12.96	244	881379	86.85	ng	0.00

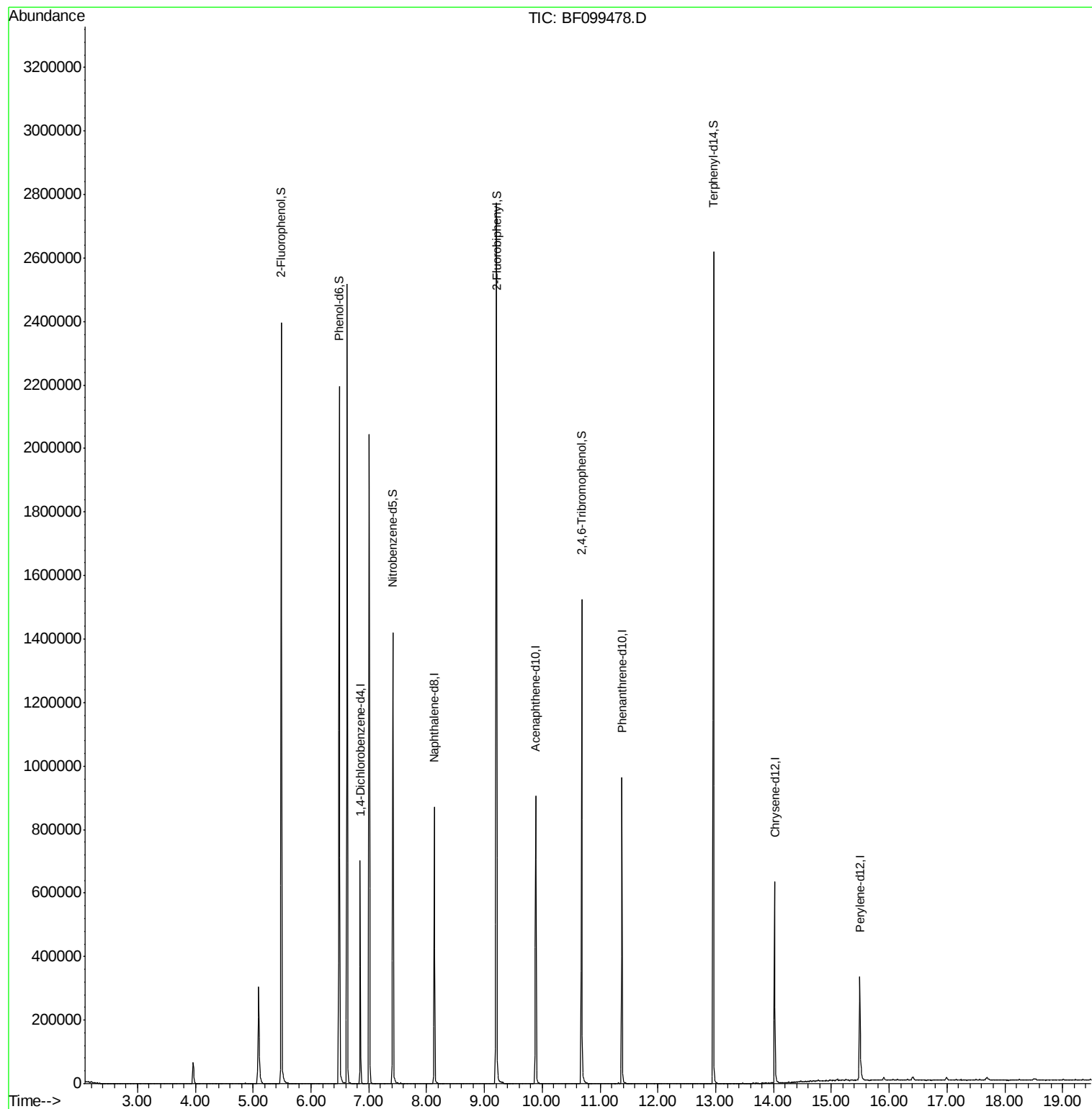
Target Compounds	Qvalue
------------------	--------

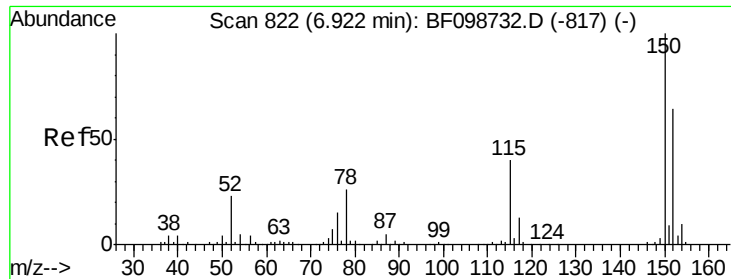
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
Data File : BF099478.D
Acq On : 14 Oct 2017 15:50
Operator : SJ/JU
Sample : PB103277BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103277BL

Quant Time: Oct 14 23:58:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 23:44:03 2017
Response via : Initial Calibration

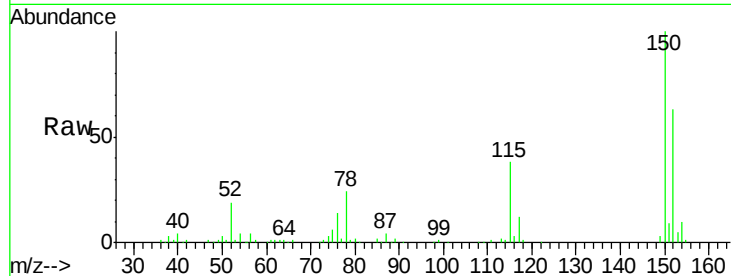




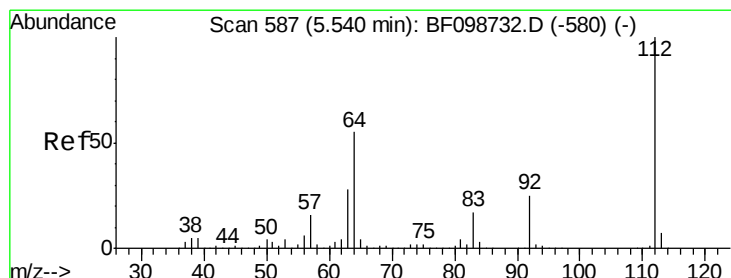
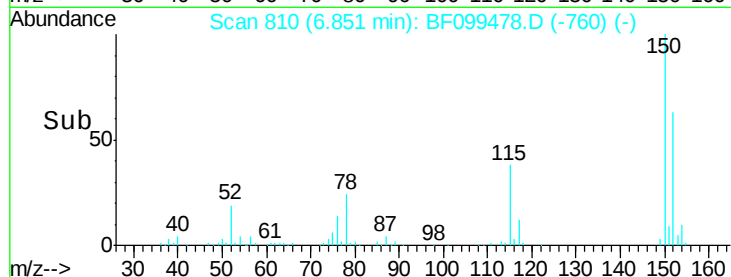
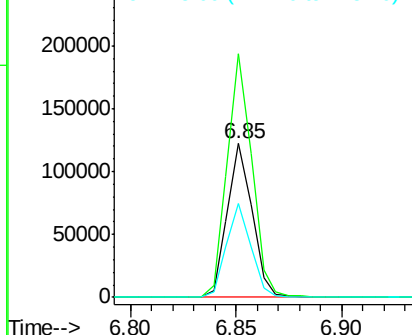
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF099478.D
 Acq: 14 Oct 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BL

Tgt Ion:152 Resp: 99324
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 61.0 50.1 75.1

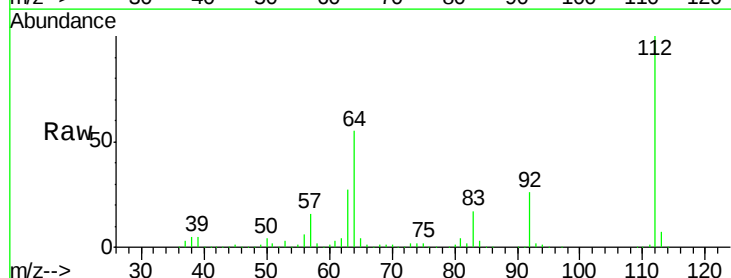


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

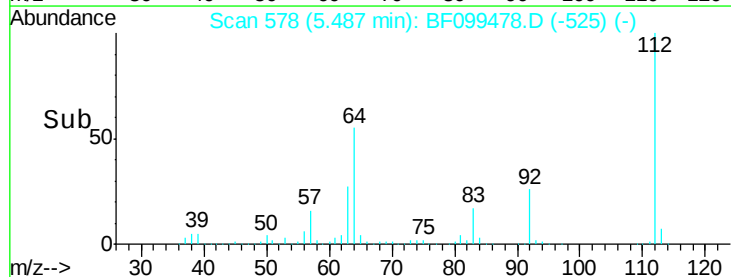
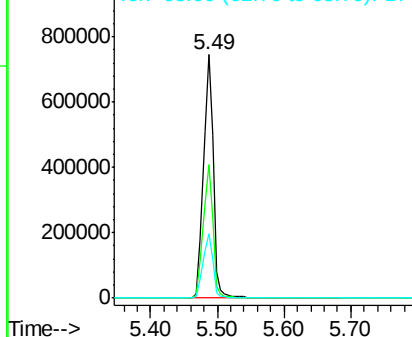


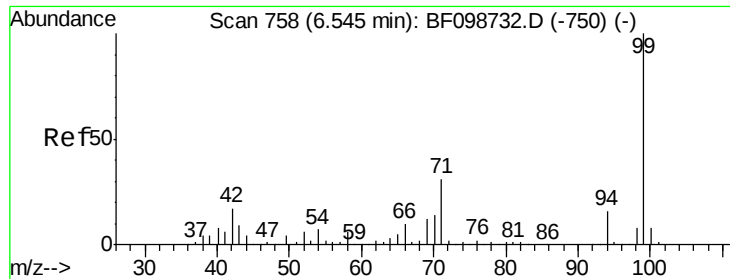
#5
 2-Fluorophenol
 Concen: 119.82 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099478.D
 Acq: 14 Oct 2017 15:50

Tgt Ion:112 Resp: 747604
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.9 71.9
 63 26.7 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: 113.42 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099478.D

Acq: 14 Oct 2017 15:50

Instrument :

BNA_F

ClientSampled :

PB103277BL

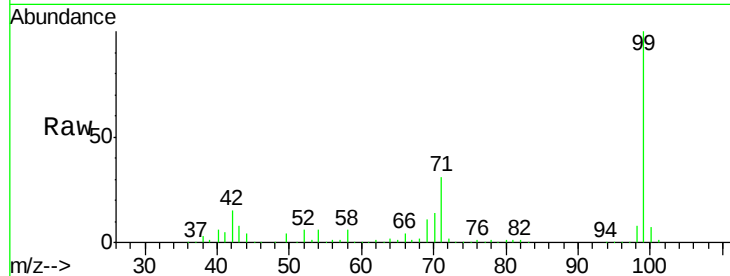
Tgt Ion: 99 Resp: 872989

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

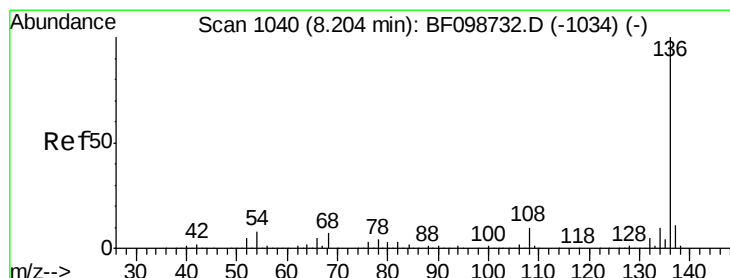
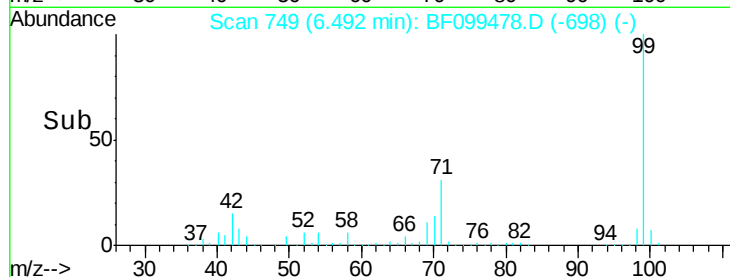
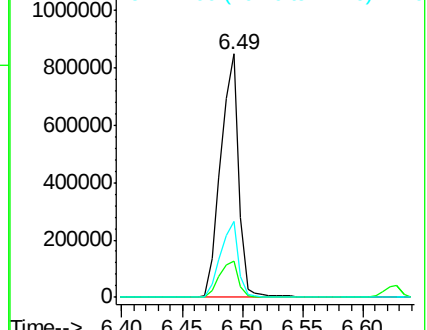
71 31.1 25.4 38.0



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. -0.01 min

Lab File: BF099478.D

Acq: 14 Oct 2017 15:50

Tgt Ion: 136 Resp: 412087

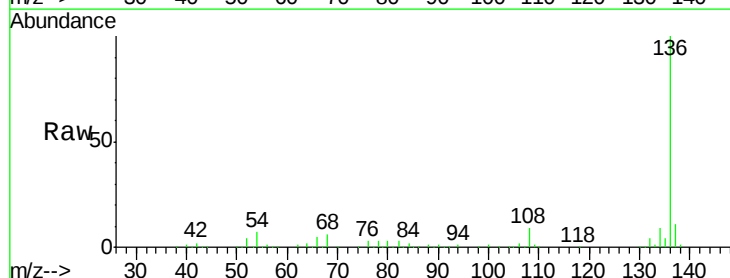
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 6.6 9.8

68 5.9 5.0 7.4

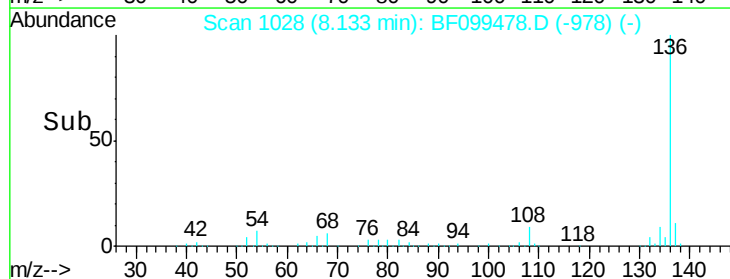
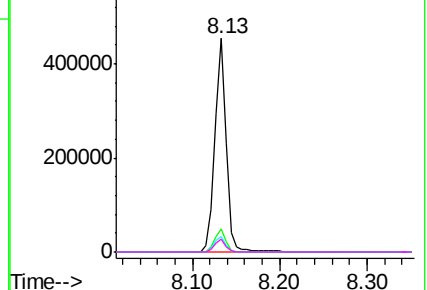


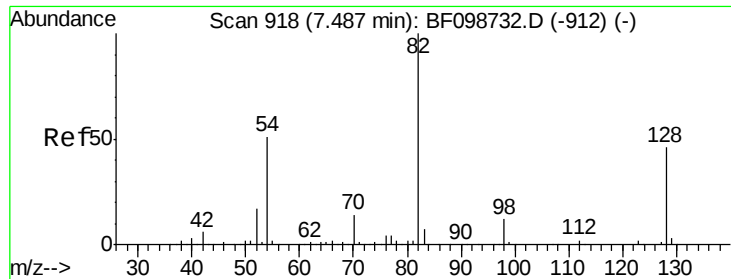
Abundance Ion 136.00 (135.70 to 136.70): E

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

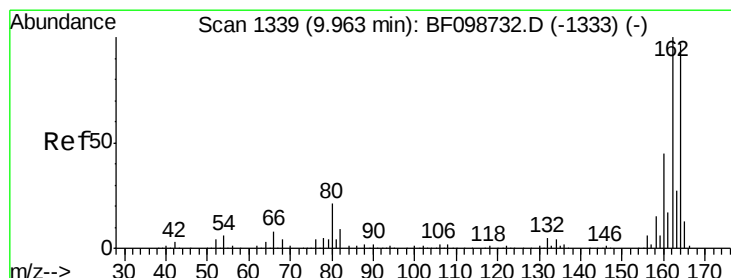
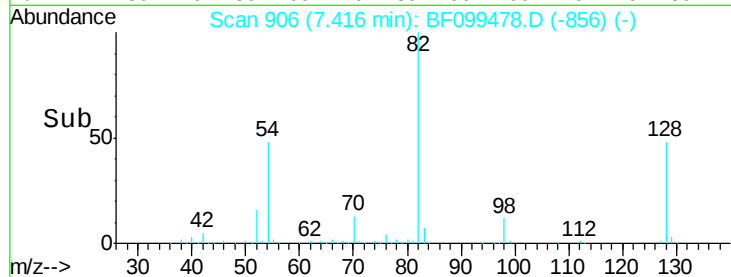
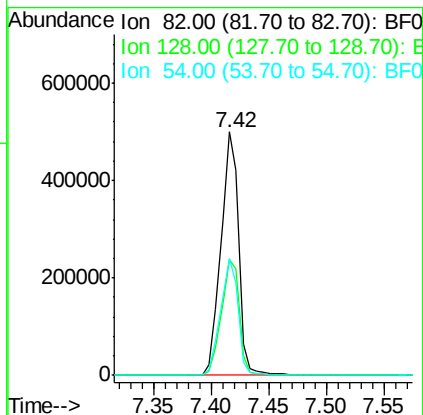
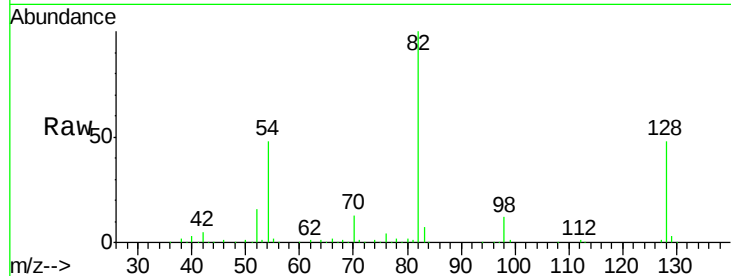




#23
 Nitrobenzene-d5
 Concen: 82.75 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099478.D
 Acq: 14 Oct 2017 15:50

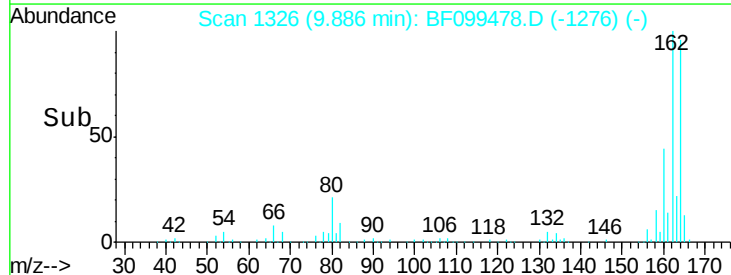
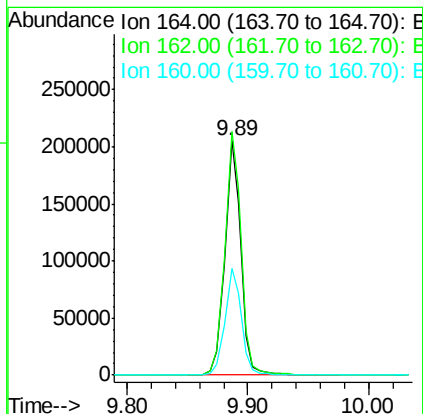
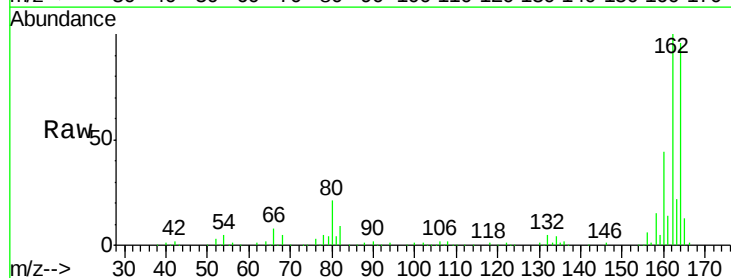
Instrument :
 BNA_F
 ClientSampleId :
 PB103277BL

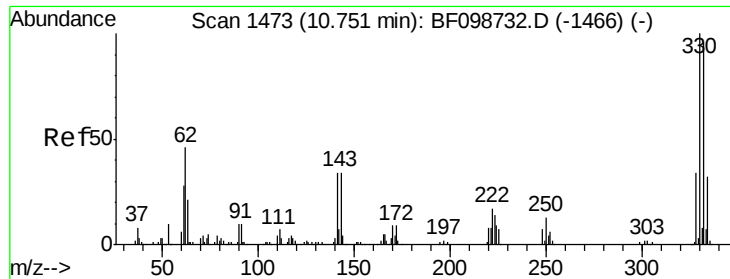
Tgt Ion: 82 Resp: 531758
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 48.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099478.D
 Acq: 14 Oct 2017 15:50

Tgt Ion: 164 Resp: 188098
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.6 38.3 57.5

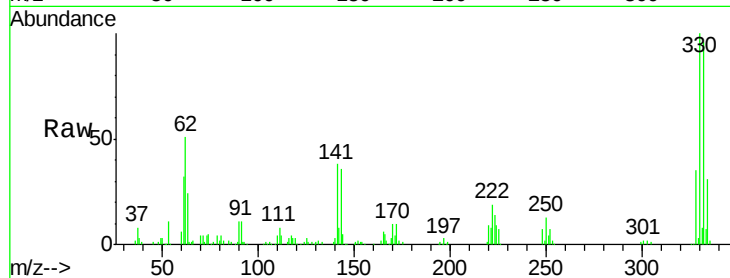




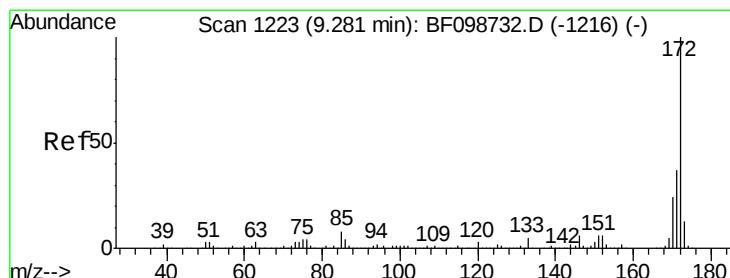
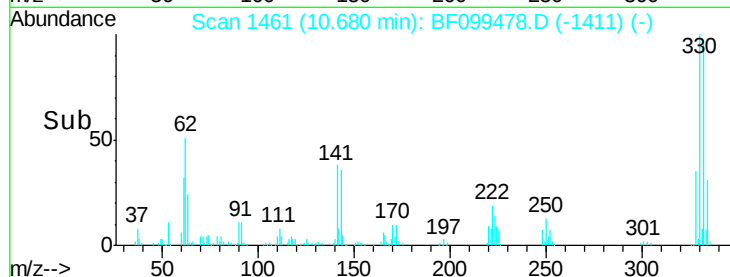
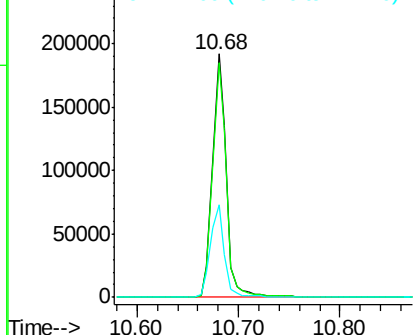
#41
 2,4,6-Tribromophenol
 Concen: 118.98 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF099478.D
 Acq: 14 Oct 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	39.1	29.9	44.9

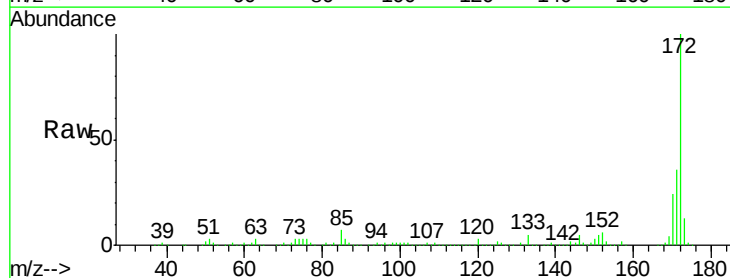


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

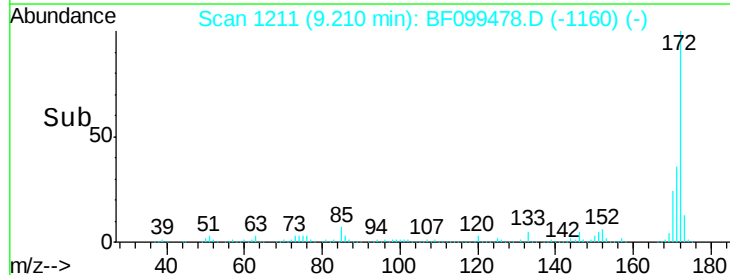
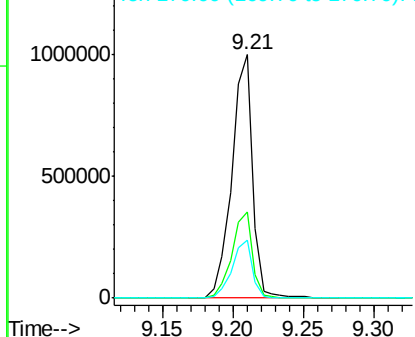


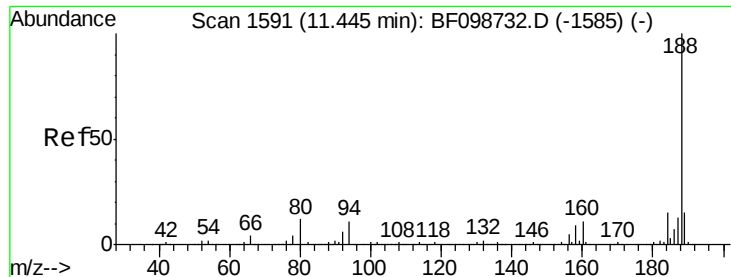
#44
 2-Fluorobiphenyl
 Concen: 90.62 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099478.D
 Acq: 14 Oct 2017 15:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.7	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: 20.00 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF099478.D

Acq: 14 Oct 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB103277BL

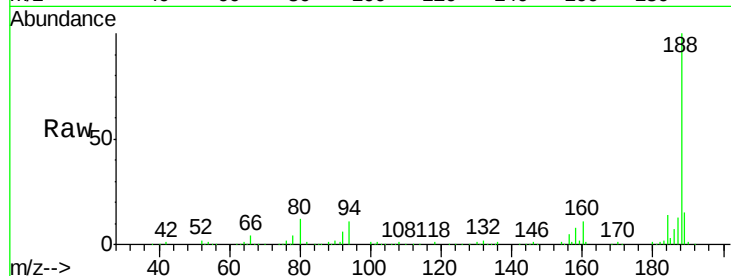
Tgt Ion:188 Resp: 336537

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

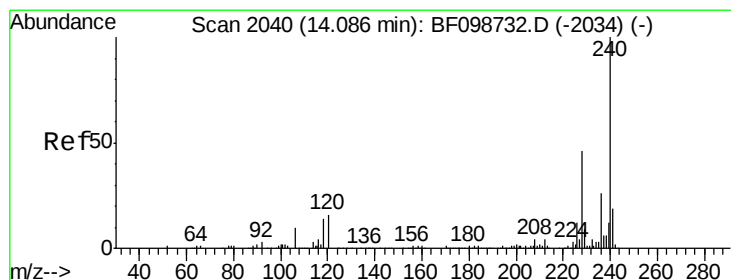
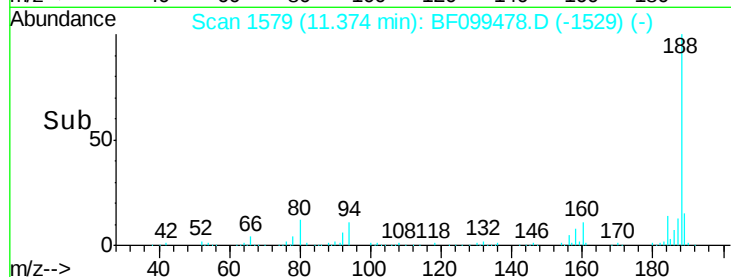
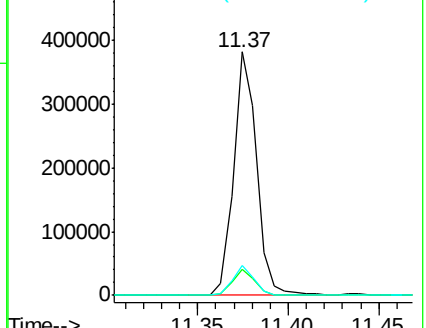
80 12.1 9.2 13.8



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: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099478.D

Acq: 14 Oct 2017 15:50

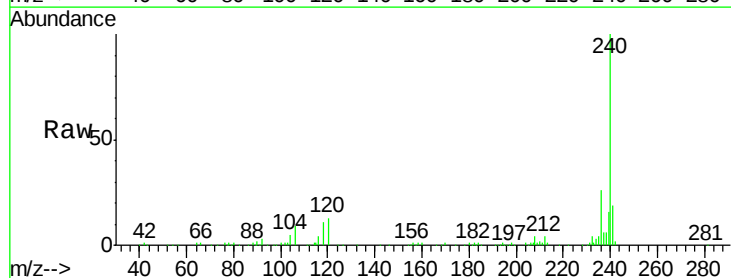
Tgt Ion:240 Resp: 230796

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

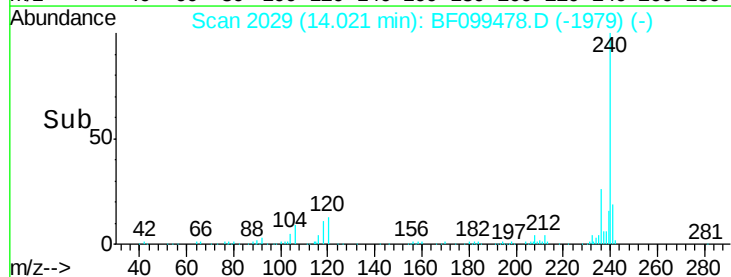
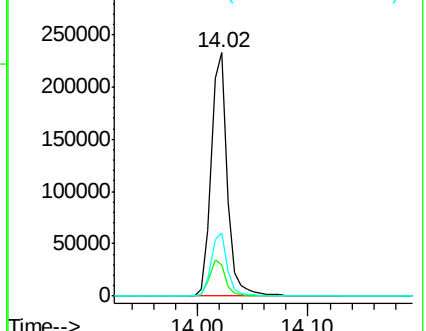
236 25.8 20.7 31.1

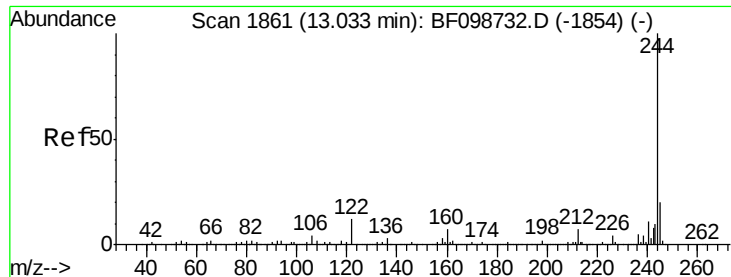


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.85 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF099478.D

Acq: 14 Oct 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB103277BL

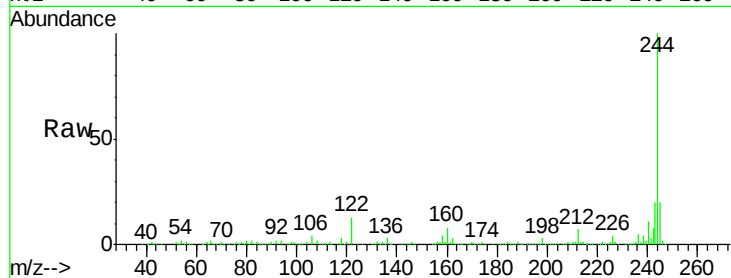
Tgt Ion:244 Resp: 881379

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

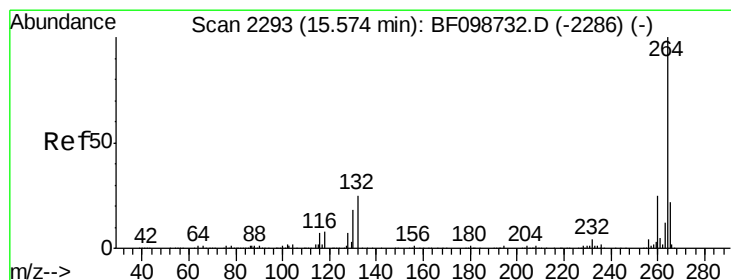
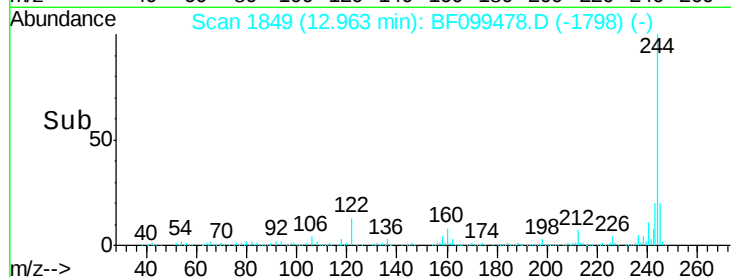
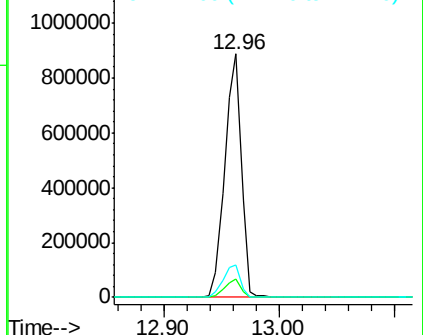
122 13.5 11.0 16.4



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. 0.00 min

Lab File: BF099478.D

Acq: 14 Oct 2017 15:50

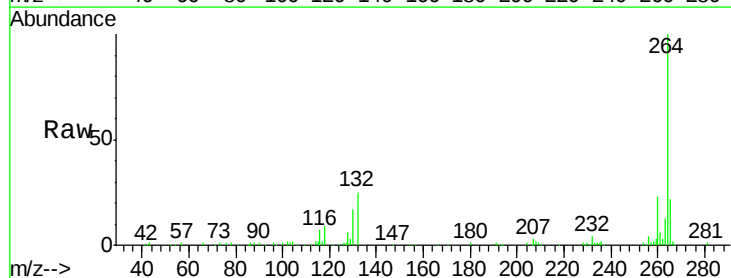
Tgt Ion:264 Resp: 165625

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.3 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

