

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099213.D
 Acq On : 8 Oct 2017 1:30
 Operator : SJ/JU
 Sample : PB103045BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BL

Quant Time: Oct 08 05:22:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115391	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	448862	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	171047	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	258419	20.00	ng	0.00
75) Chrysene-d12	14.03	240	195463	20.00	ng	0.00
86) Perylene-d12	15.50	264	148798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	840574	115.96	ng	0.02
7) Phenol-d6	6.50	99	980704	109.67	ng	0.00
23) Nitrobenzene-d5	7.43	82	553424	79.07	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	138383	98.87	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	990036	96.63	ng	0.00
78) Terphenyl-d14	12.97	244	677887	78.87	ng	0.00

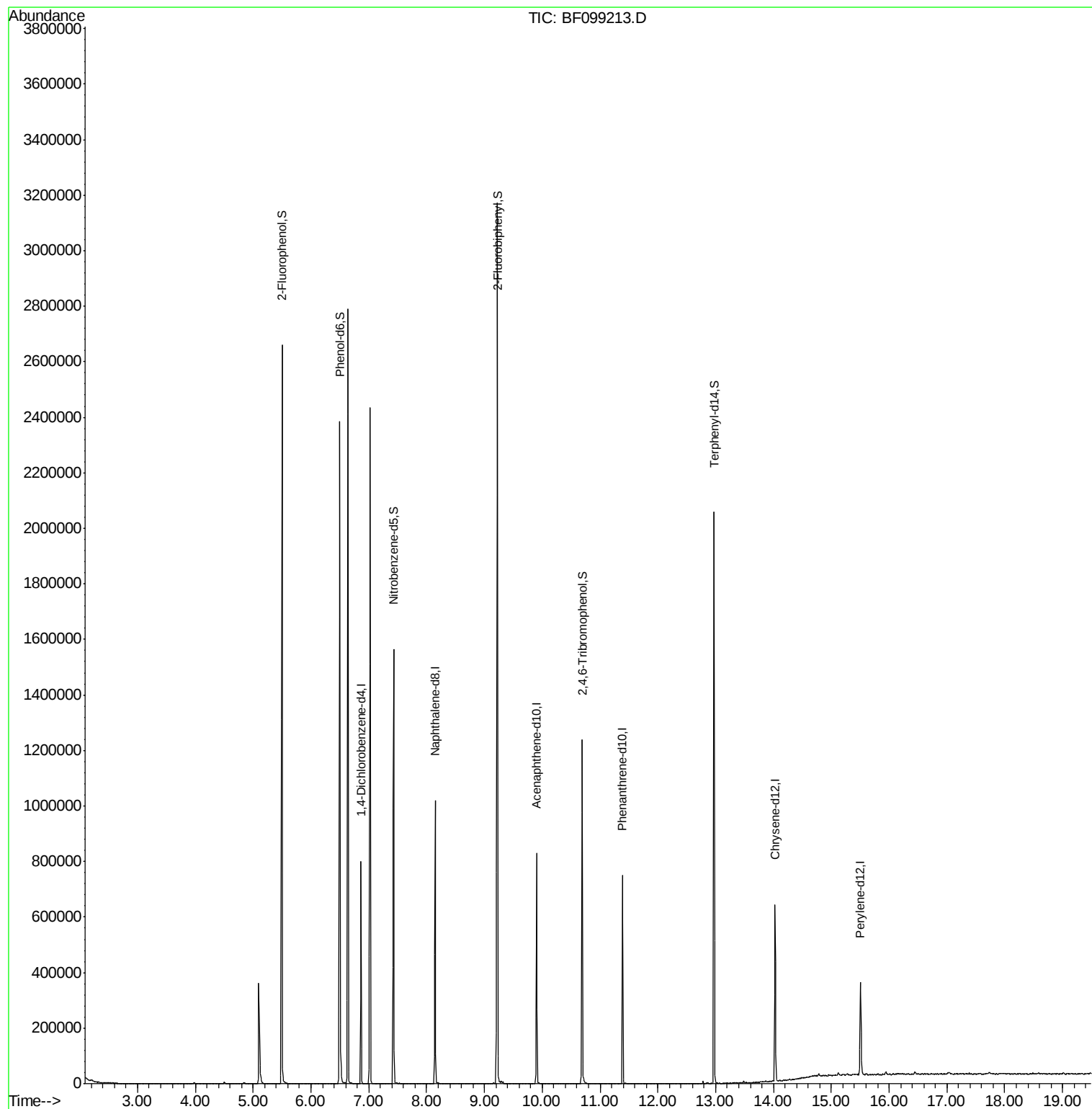
Target Compounds Qvalue

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

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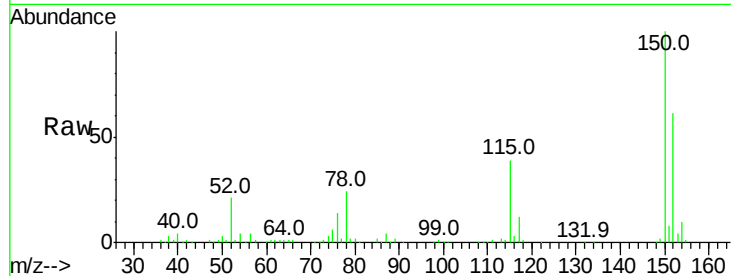


#1

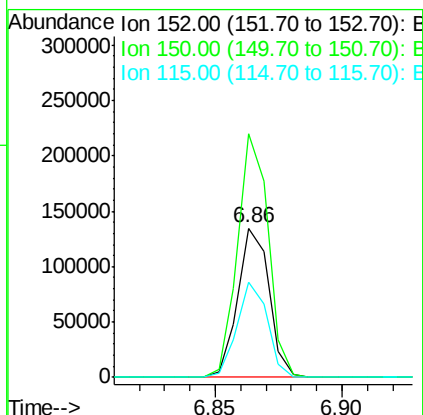
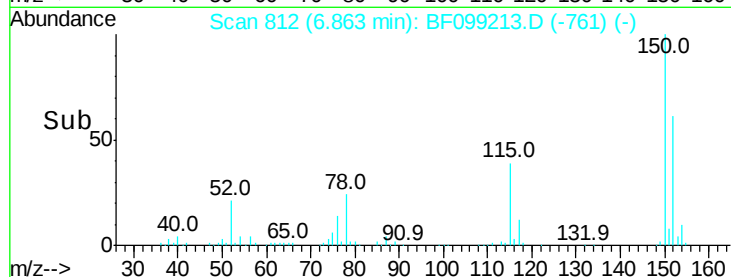
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF099213.D
 Acq: 8 Oct 2017 1:30

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BL

Tot Ion:152 Resp: 115391
 Ion Ratio Lower Upper
 152 100
 150 162.9 124.6 186.8
 115 63.3 50.1 75.1



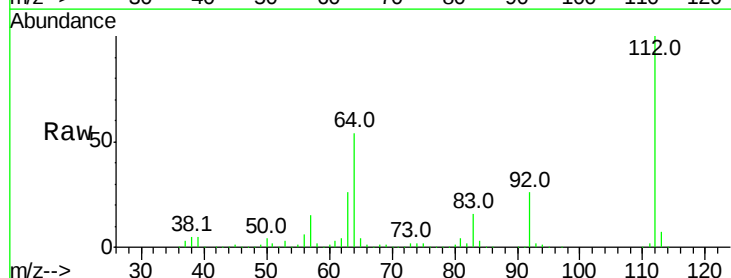
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



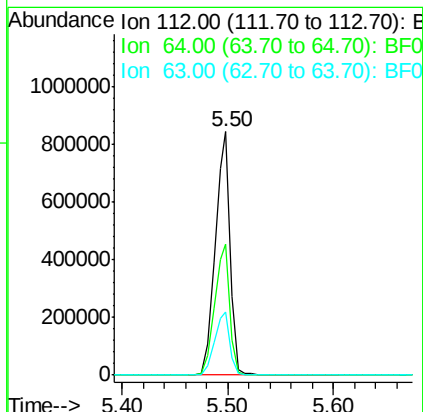
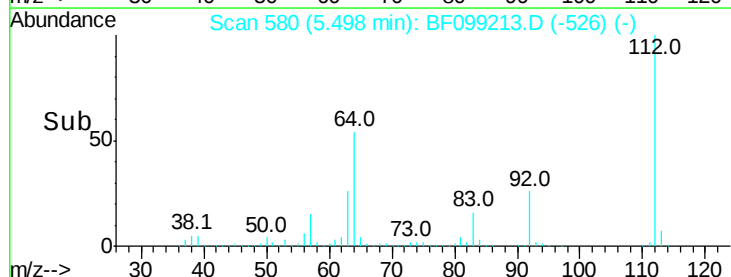
#5

2-Fluorophenol
 Concen: 115.963 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF099213.D
 Acq: 8 Oct 2017 1:30

Tgt Ion:112 Resp: 840574
 Ion Ratio Lower Upper
 112 100
 64 53.5 47.9 71.9
 63 26.1 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: 109.674 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099213.D

Acq: 8 Oct 2017 1:30

Instrument :

BNA_F

ClientSampleId :

PB103045BL

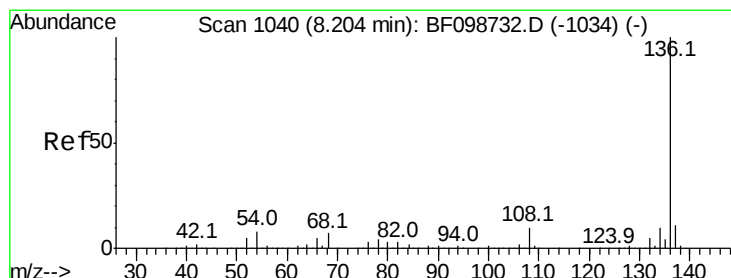
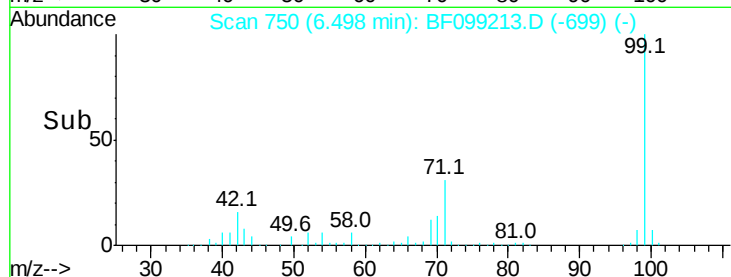
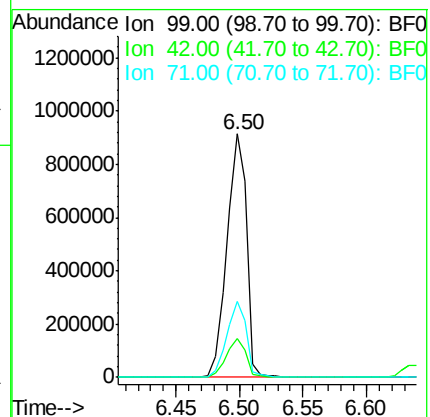
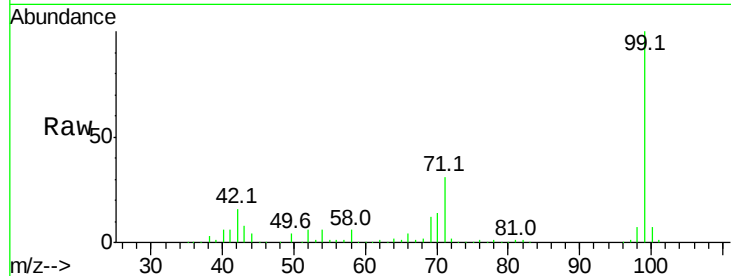
Tot Ion: 99 Resp: 980704

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 31.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF099213.D

Acq: 8 Oct 2017 1:30

Tgt Ion: 136 Resp: 448862

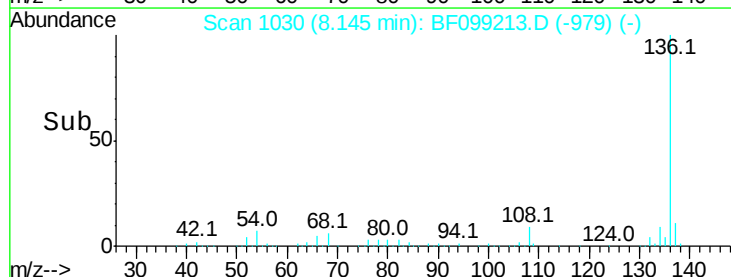
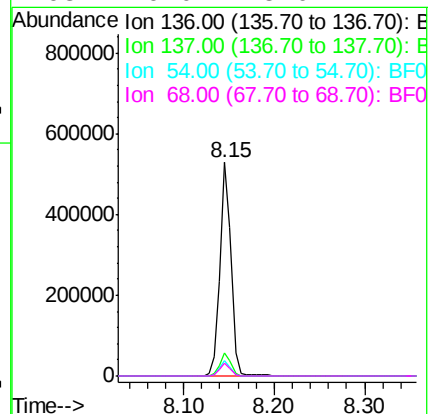
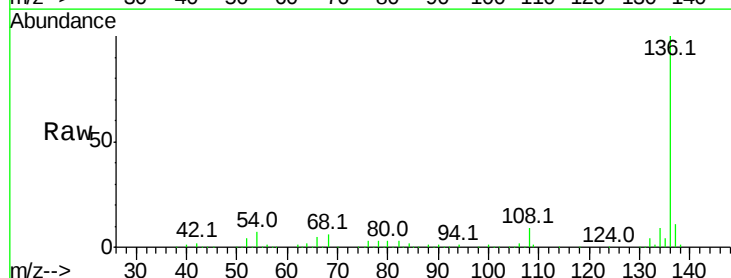
Ion Ratio Lower Upper

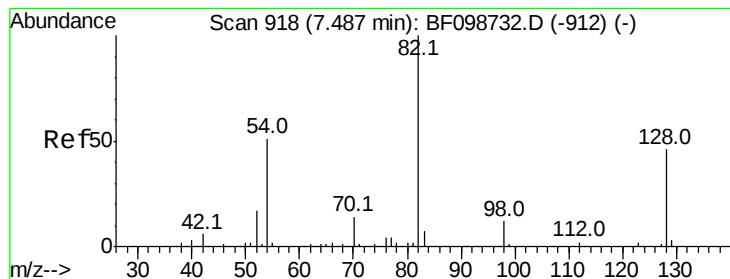
136 100

137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 79.069 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF099213.D

Acq: 8 Oct 2017 1:30

Instrument :

BNA_F

ClientSampleId :

PB103045BL

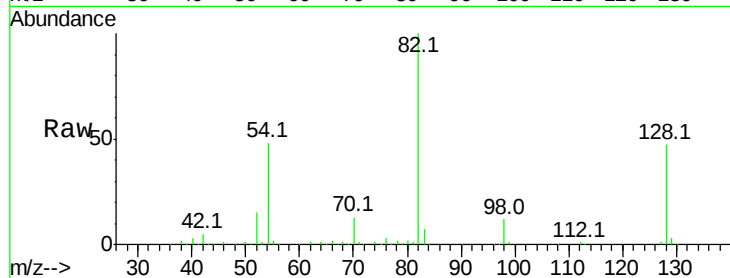
Tot Ion: 82 Resp: 553424

Ion Ratio Lower Upper

82 100

128 47.3 36.1 54.1

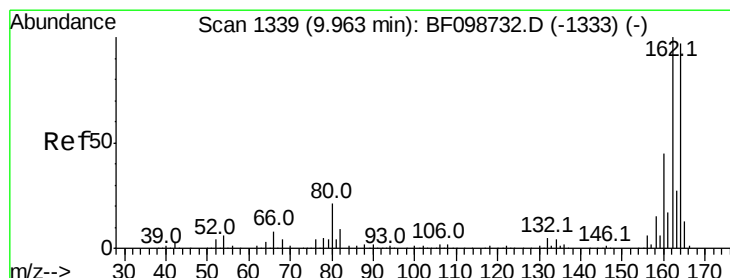
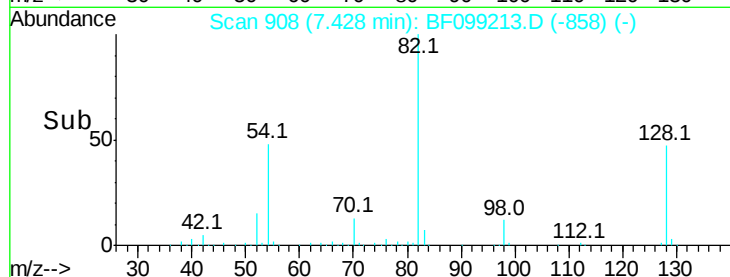
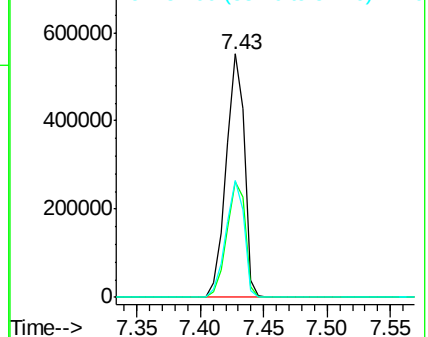
54 48.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF099213.D

Acq: 8 Oct 2017 1:30

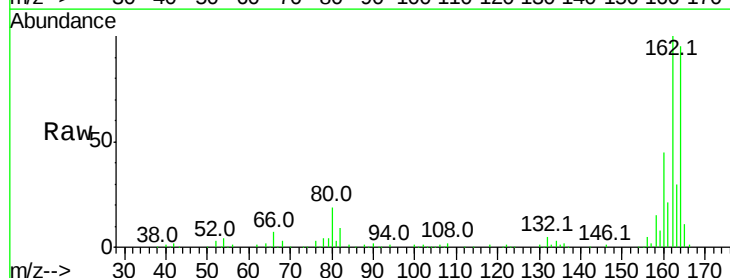
Tgt Ion: 164 Resp: 171047

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

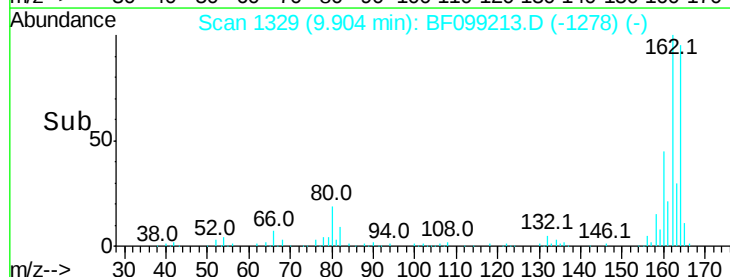
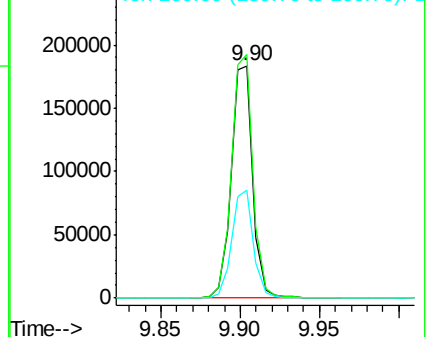
160 46.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

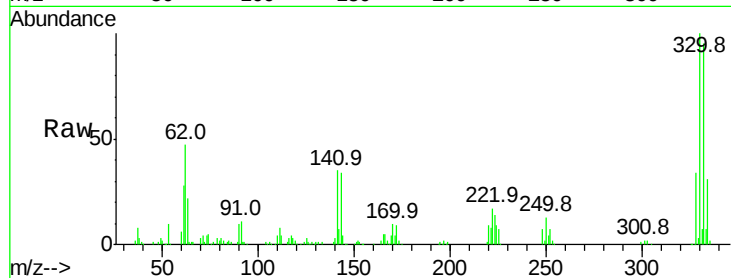




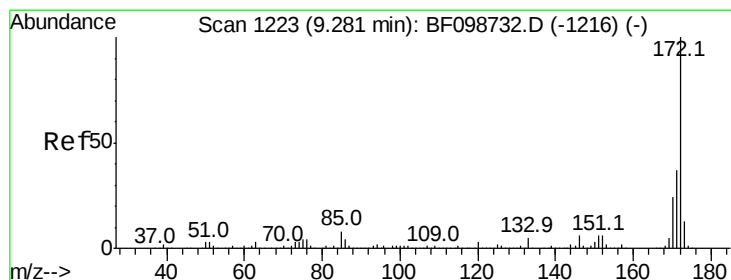
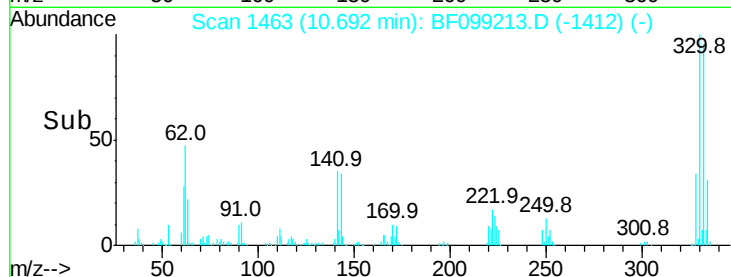
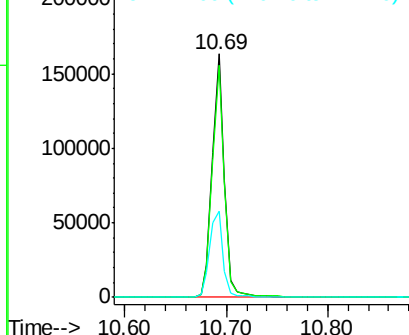
#41
 2,4,6-Tribromophenol
 Concen: 98.871 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF099213.D
 Acq: 8 Oct 2017 1:30

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	38.7	29.9	44.9

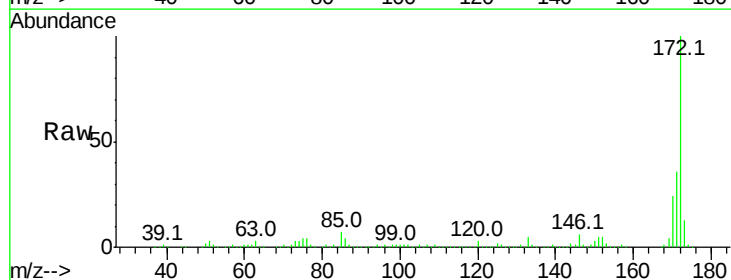


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

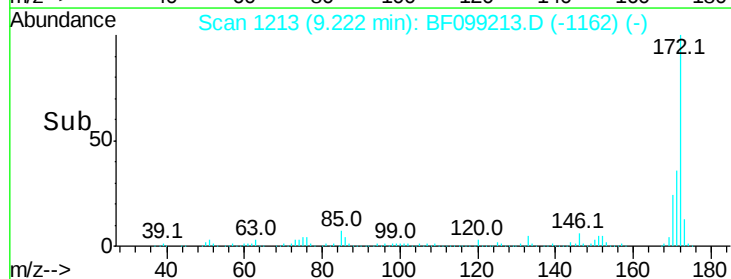
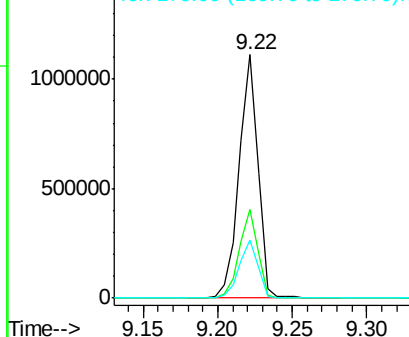


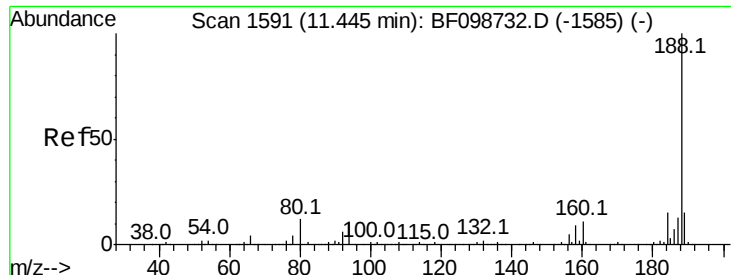
#44
 2-Fluorobiphenyl
 Concen: 96.627 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF099213.D
 Acq: 8 Oct 2017 1:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BF099213.D

Acq: 8 Oct 2017 1:30

Instrument :

BNA_F

ClientSampleId :

PB103045BL

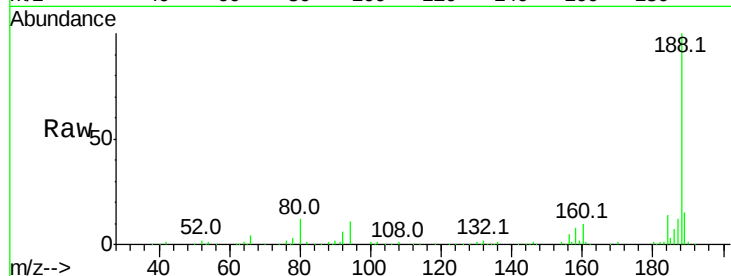
Tot Ion:188 Resp: 258419

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

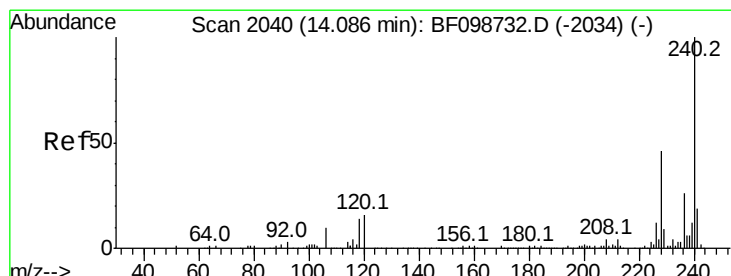
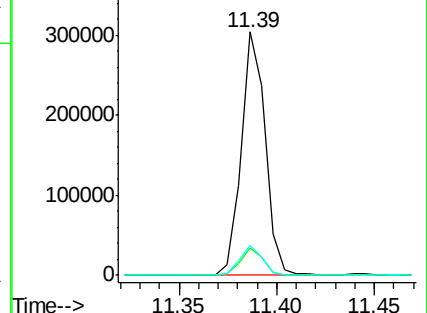
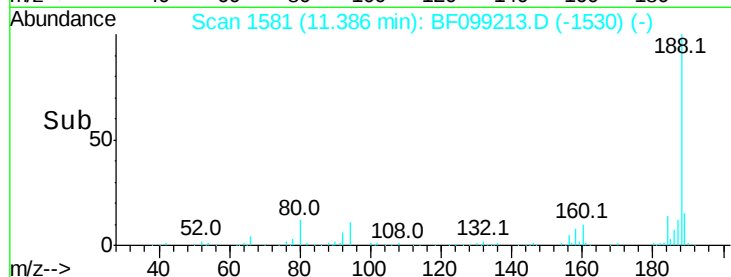
80 12.0 9.2 13.8



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: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF099213.D

Acq: 8 Oct 2017 1:30

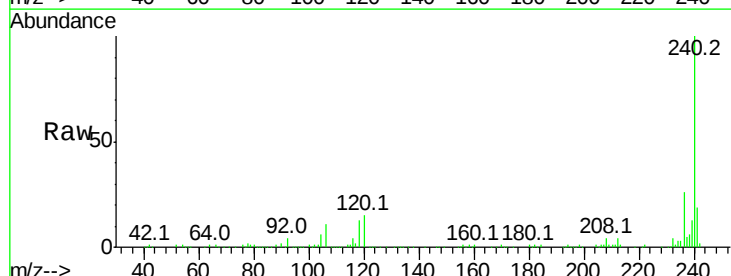
Tgt Ion:240 Resp: 195463

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

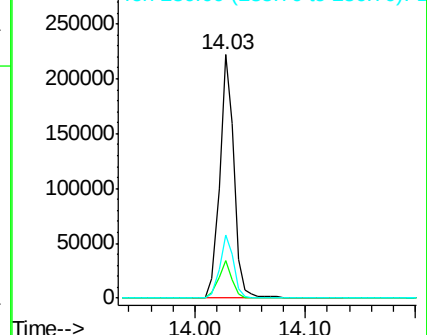
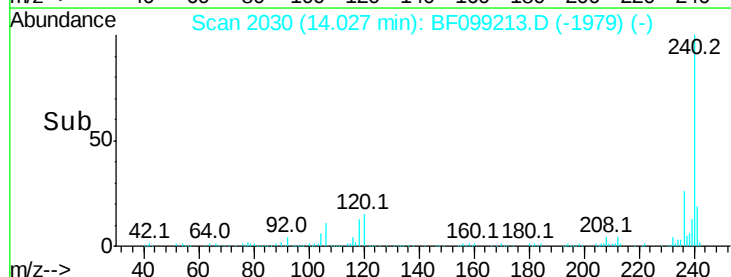
236 26.0 20.7 31.1



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: 78.872 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF099213.D

Acq: 8 Oct 2017 1:30

Instrument :

BNA_F

ClientSampleId :

PB103045BL

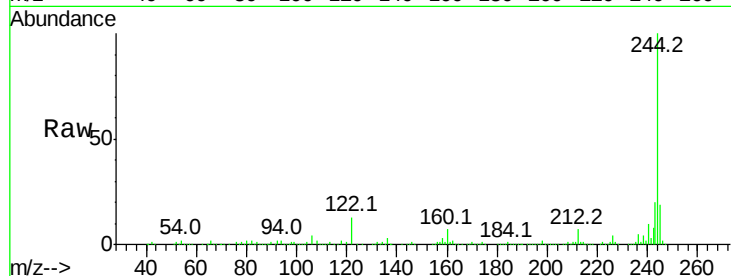
Tot Ion:244 Resp: 677887

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

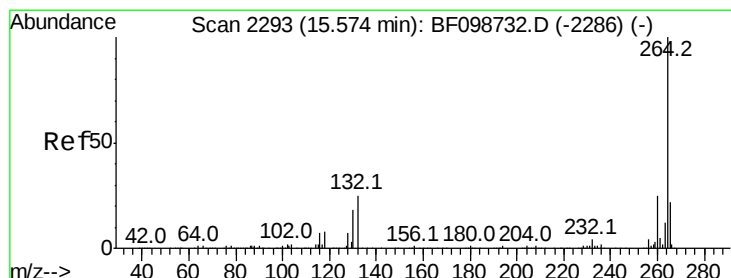
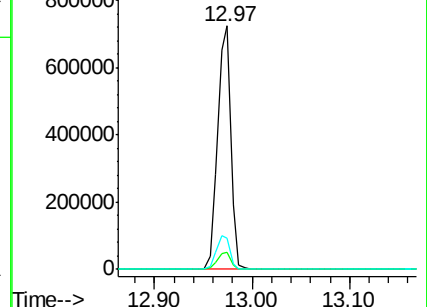
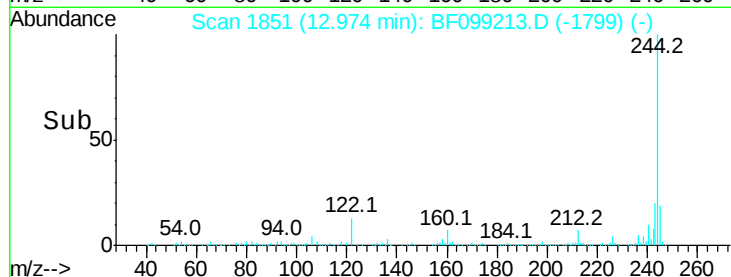
122 12.5 11.0 16.4



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: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF099213.D

Acq: 8 Oct 2017 1:30

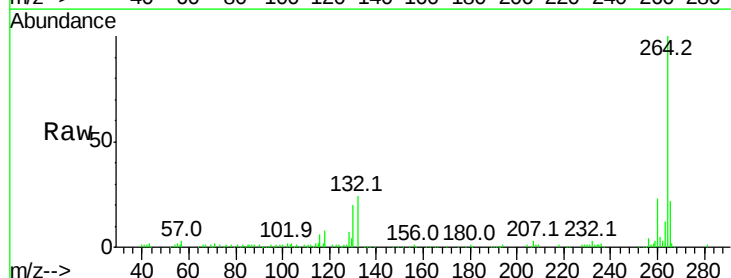
Tgt Ion:264 Resp: 148798

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.8 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

