

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099000.D
 Acq On : 2 Oct 2017 15:32
 Operator : SJ/JU
 Sample : PB102839BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102839BL

Quant Time: Oct 03 05:21:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	125923	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	523133	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	238839	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	411924	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	297719	20.00	ng	-0.02
86) Perylene-d12	15.56	264	237494	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	998526	126.23	ng	0.00
7) Phenol-d6	6.53	99	1209404	123.94	ng	-0.02
23) Nitrobenzene-d5	7.46	82	748097	91.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	240752	123.19	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1363104	95.28	ng	-0.02
78) Terphenyl-d14	13.02	244	1124593	85.90	ng	-0.02

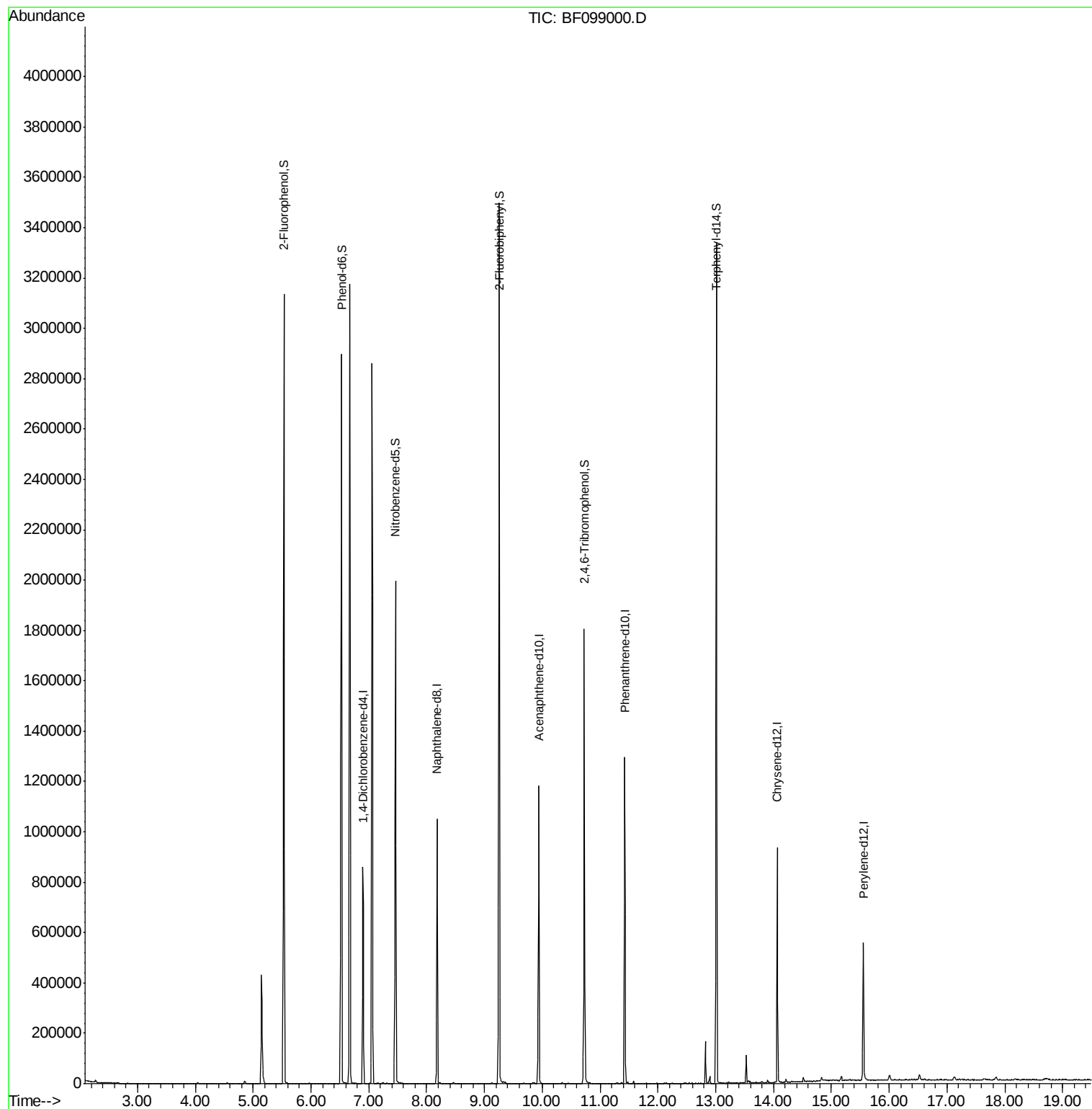
Target Compounds Qvalue

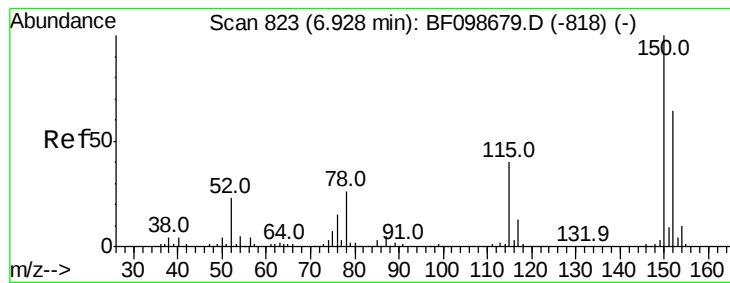
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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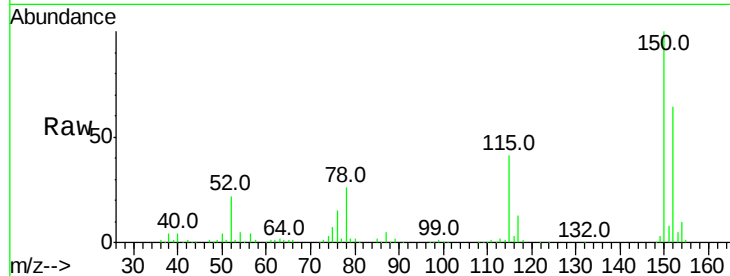


#1

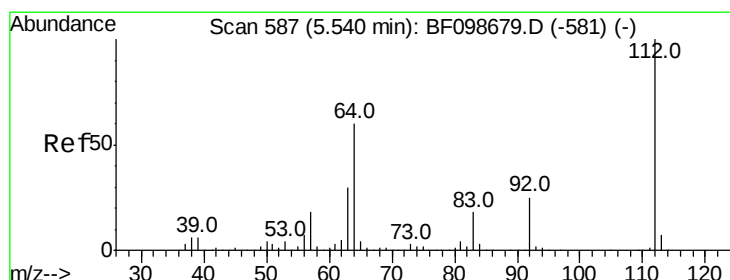
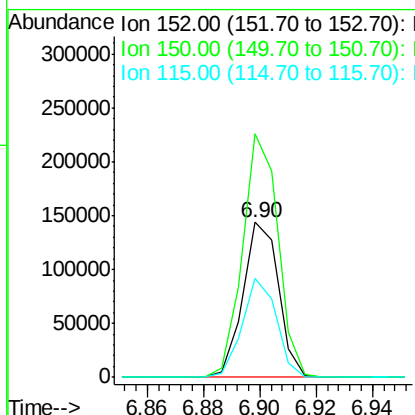
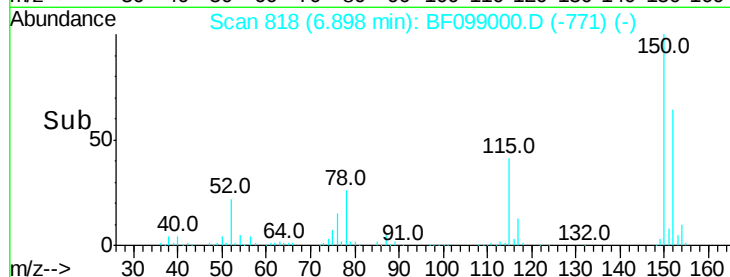
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF099000.D
 Acq: 2 Oct 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB102839BL

Tot Ion:152 Resp: 125923
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 64.2 50.1 75.1



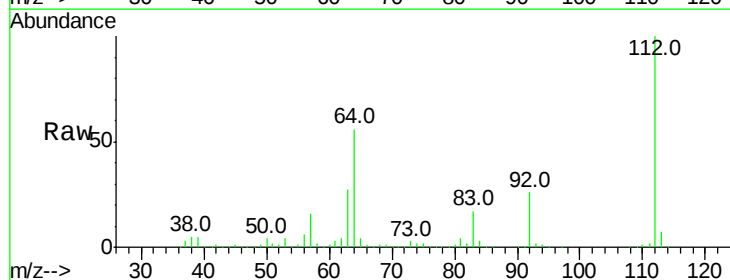
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



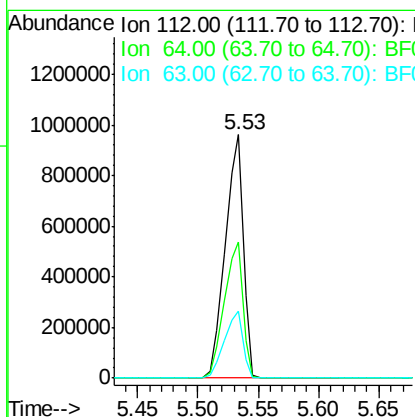
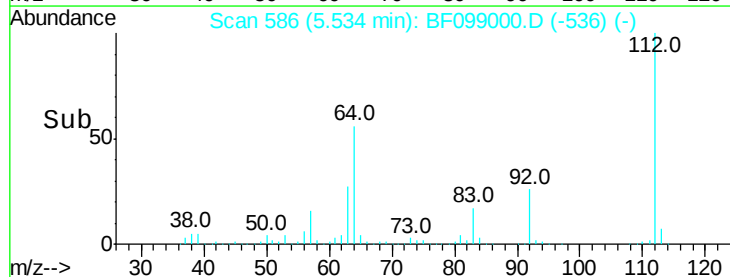
#5

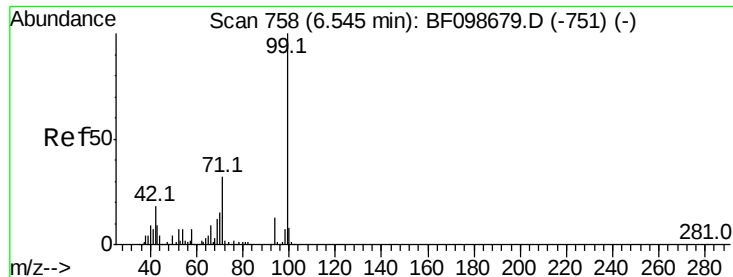
2-Fluorophenol
 Concen: 126.232 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF099000.D
 Acq: 2 Oct 2017 15:32

Tgt Ion:112 Resp: 998526
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 27.5 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: 123.938 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF099000.D

Acq: 2 Oct 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB102839BL

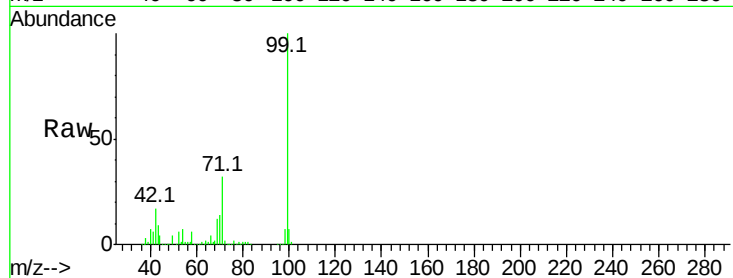
Tot Ion: 99 Resp: 1209404

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

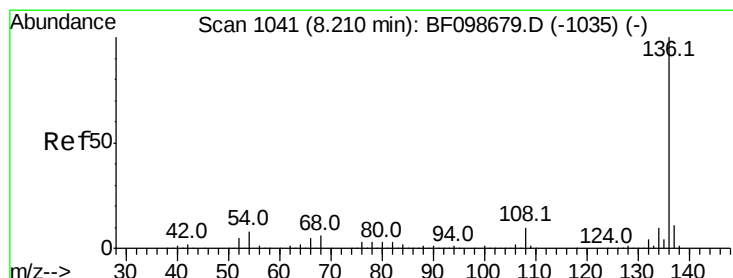
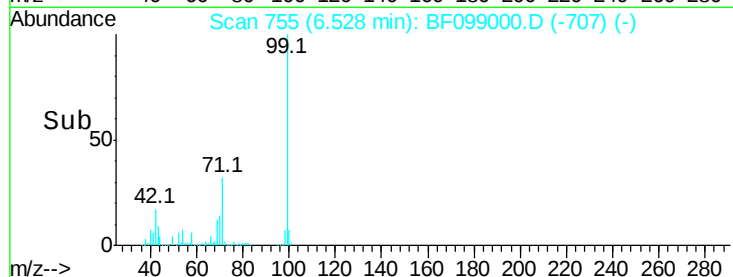
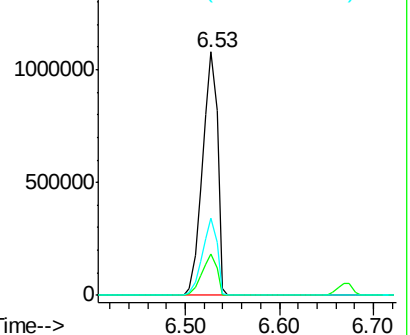
71 31.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF099000.D

Acq: 2 Oct 2017 15:32

Tgt Ion: 136 Resp: 523133

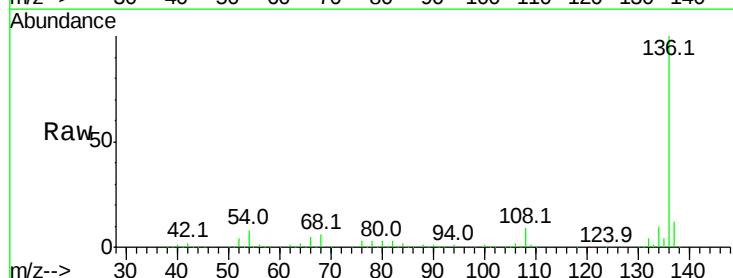
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.9 6.6 9.8

68 6.1 5.0 7.4

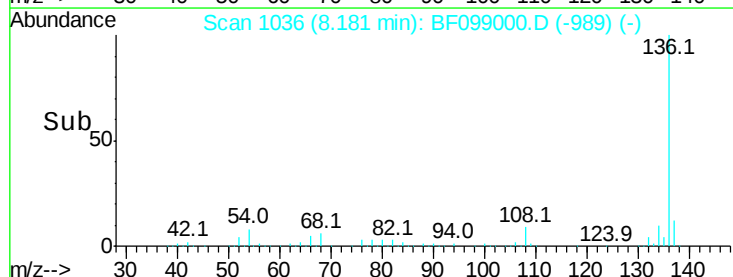
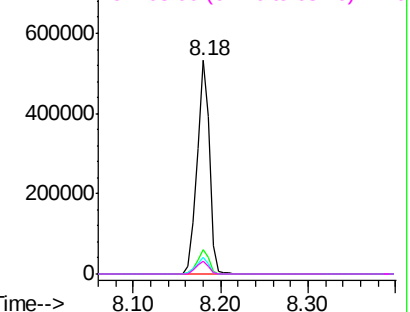


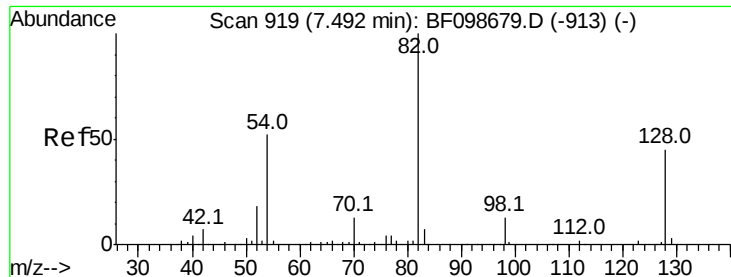
Abundance Ion 136.00 (135.70 to 136.70): E

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

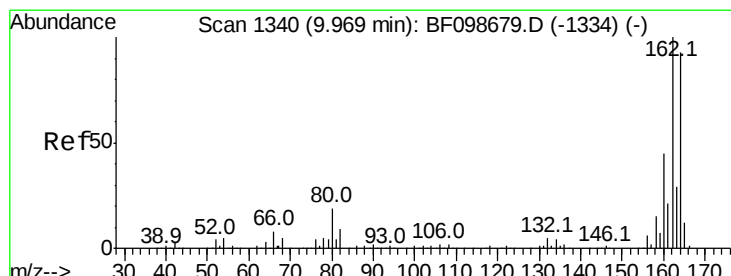
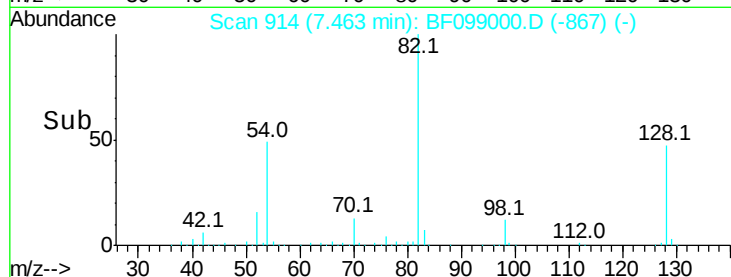
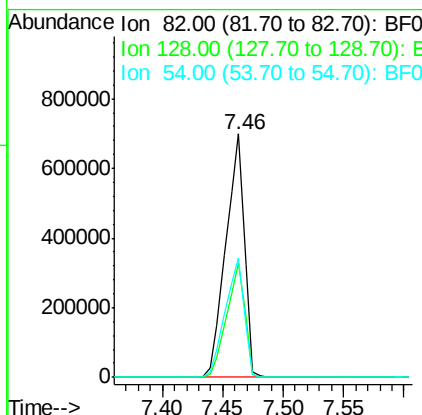
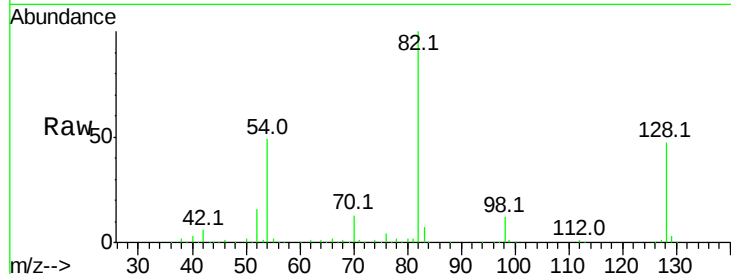




#23
 Nitrobenzene-d5
 Concen: 91.708 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BF099000.D
 Acq: 2 Oct 2017 15:32

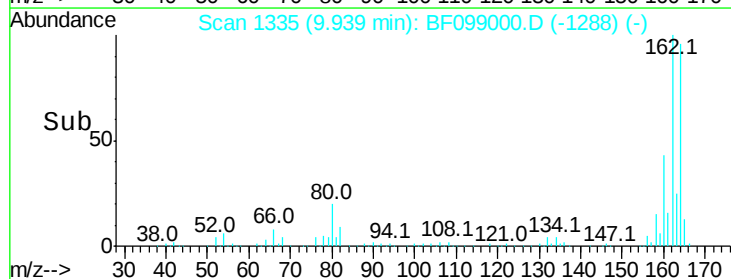
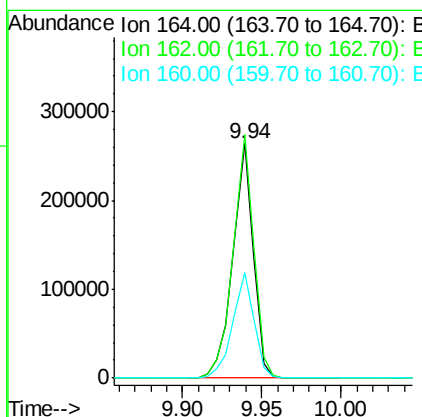
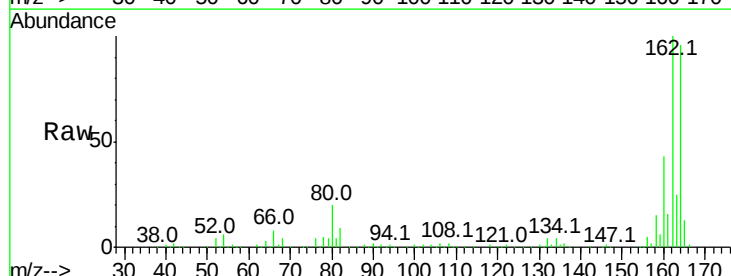
Instrument :
 BNA_F
 ClientSampleId :
 PB102839BL

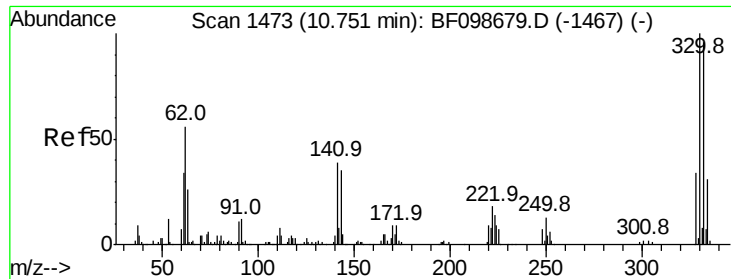
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	49.0	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: BF099000.D
 Acq: 2 Oct 2017 15:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.2	38.3	57.5

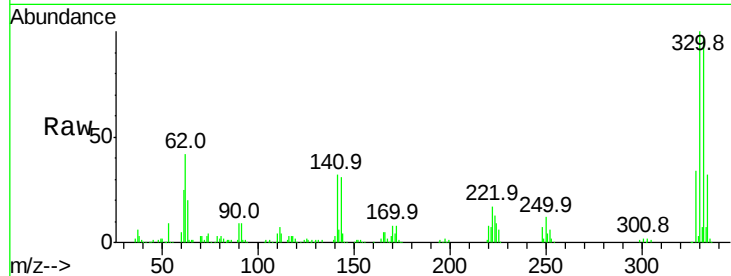




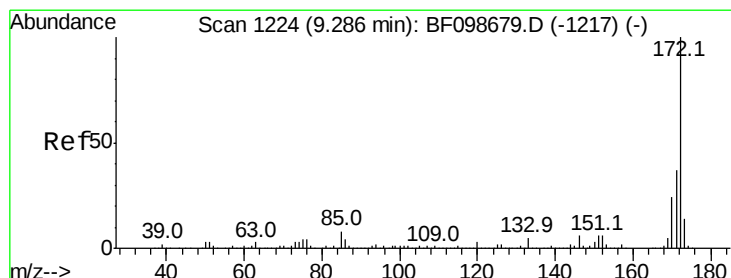
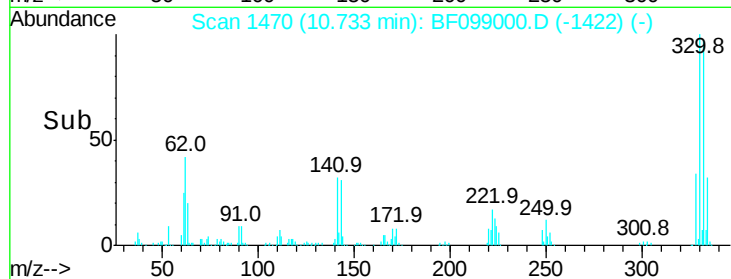
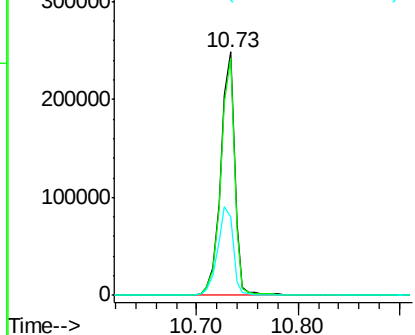
#41
 2,4,6-Tribromophenol
 Concen: 123.188 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF099000.D
 Acq: 2 Oct 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB102839BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	40.5	29.9	44.9

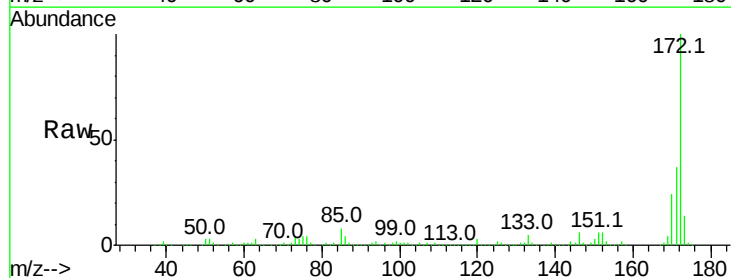


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

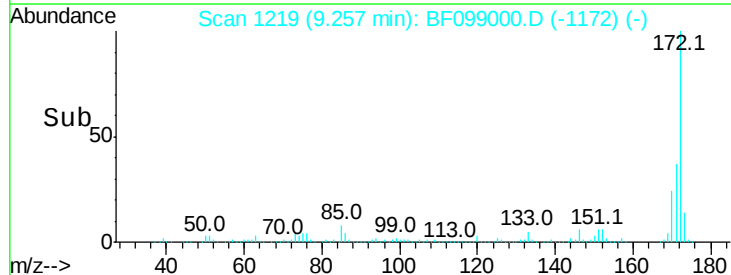
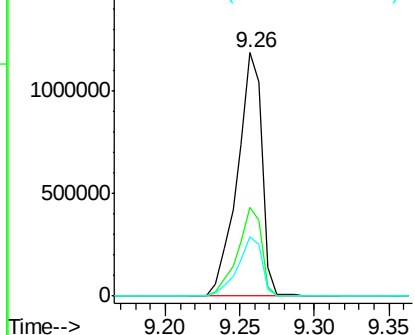


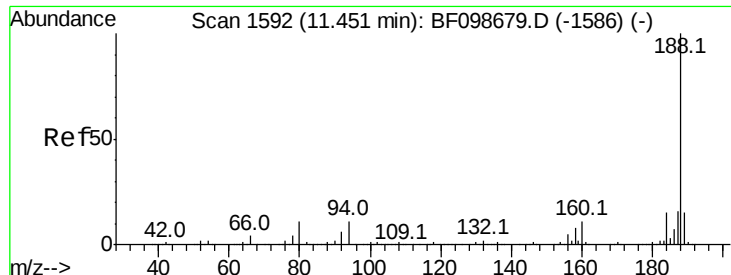
#44
 2-Fluorobiphenyl
 Concen: 95.277 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF099000.D
 Acq: 2 Oct 2017 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	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: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF099000.D

Acq: 2 Oct 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB102839BL

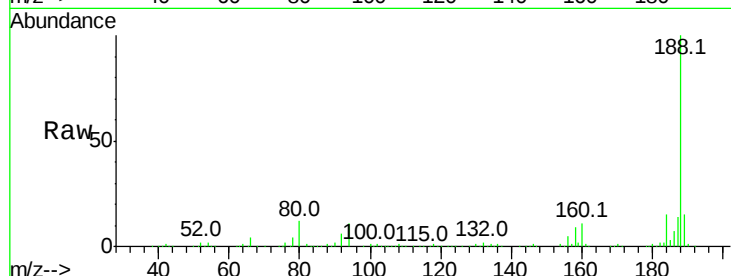
Tot Ion:188 Resp: 411924

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

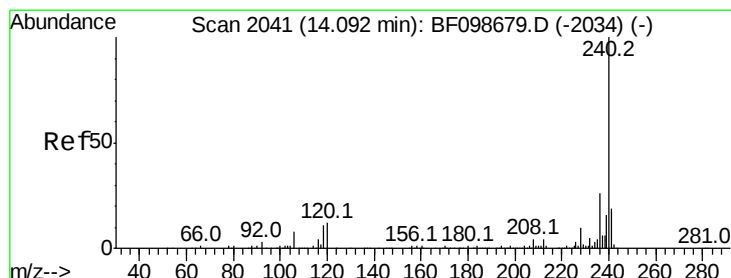
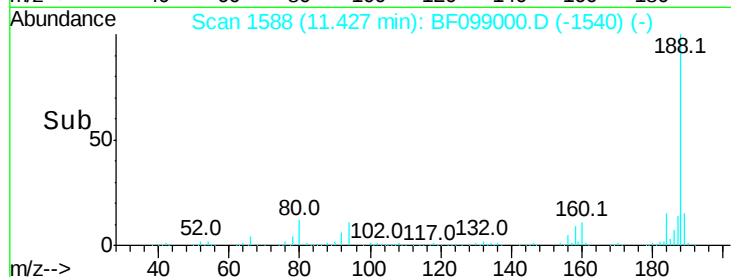
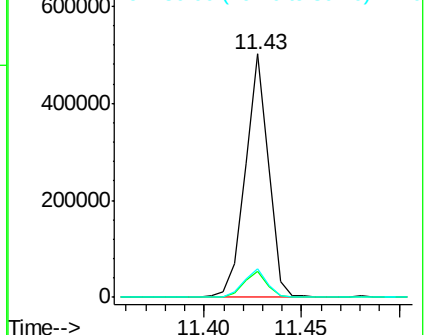
80 11.9 9.2 13.8



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: 14.07 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BF099000.D

Acq: 2 Oct 2017 15:32

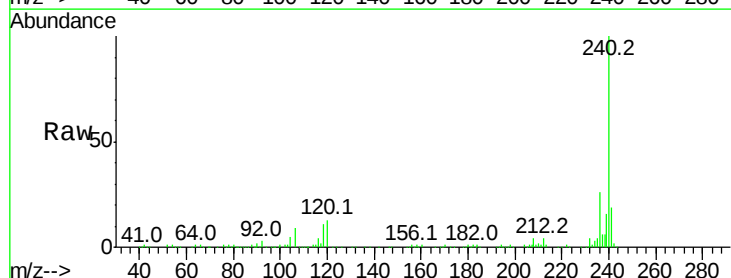
Tgt Ion:240 Resp: 297719

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

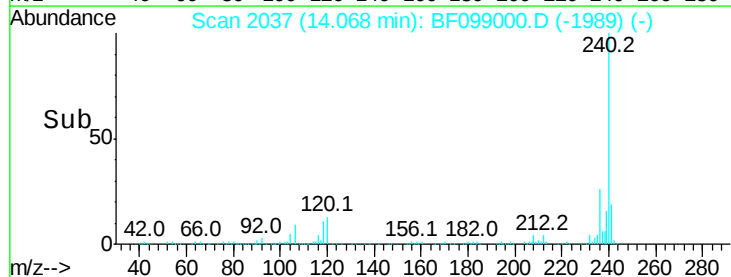
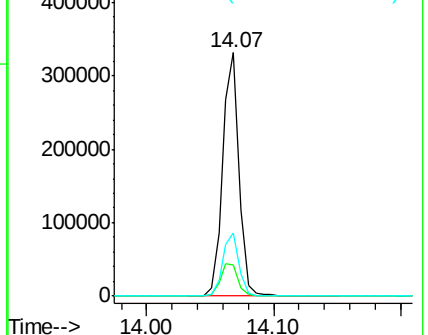
236 26.1 20.7 31.1

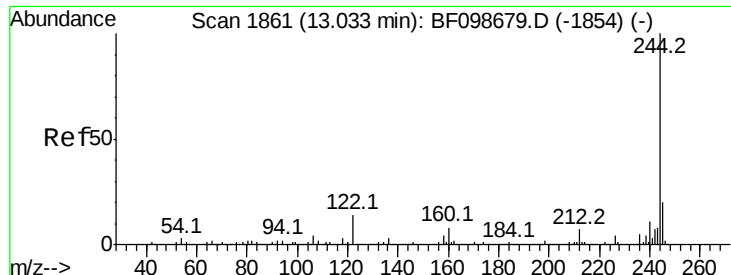


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.905 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF099000.D

Acq: 2 Oct 2017 15:32

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PB102839BL

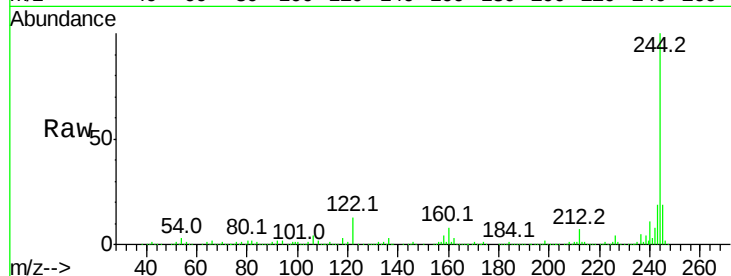
Tot Ion:244 Resp: 1124593

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

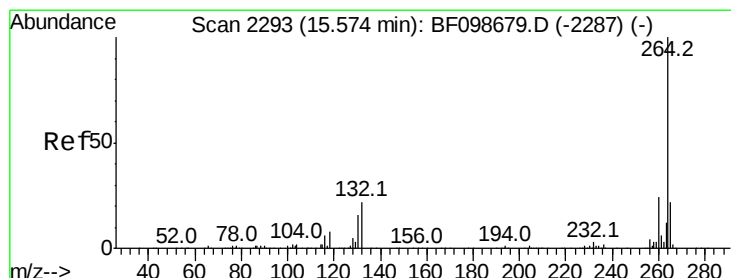
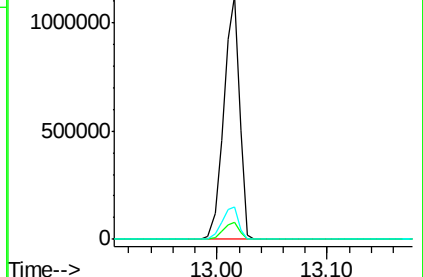
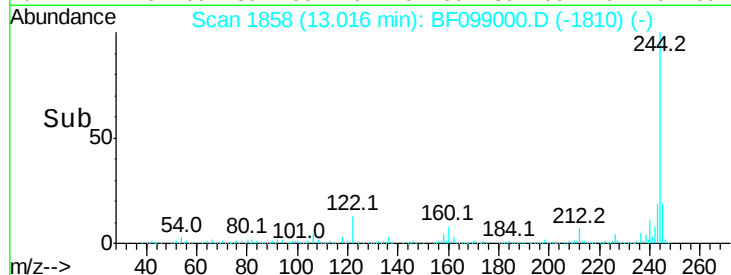
122 13.5 11.0 16.4



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: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. -0.02 min

Lab File: BF099000.D

Acq: 2 Oct 2017 15:32

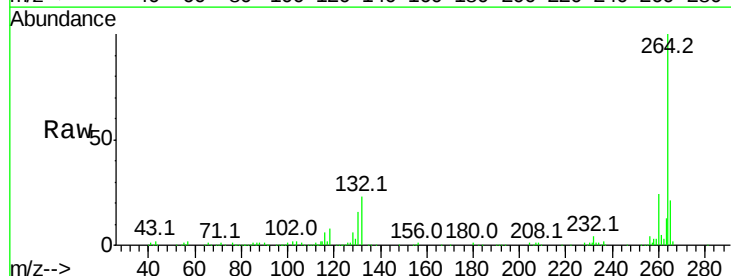
Tgt Ion:264 Resp: 237494

Ion Ratio Lower Upper

264 100

260 23.5 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

