

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099953.D
 Acq On : 30 Oct 2017 12:34
 Operator : SJ/JU
 Sample : PB103742BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BL

Quant Time: Oct 30 16:30:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:10:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	90192	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	373631	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	182776	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	351754	20.00	ng	0.00
75) Chrysene-d12	13.99	240	262746	20.00	ng	0.00
86) Perylene-d12	15.49	264	185467	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	566299	98.58	ng	0.01
7) Phenol-d6	6.43	99	663131	97.35	ng	0.00
23) Nitrobenzene-d5	7.36	82	376308	64.84	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	170268	102.22	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	837090	70.66	ng	0.00
78) Terphenyl-d14	12.91	244	803343	66.82	ng	0.00

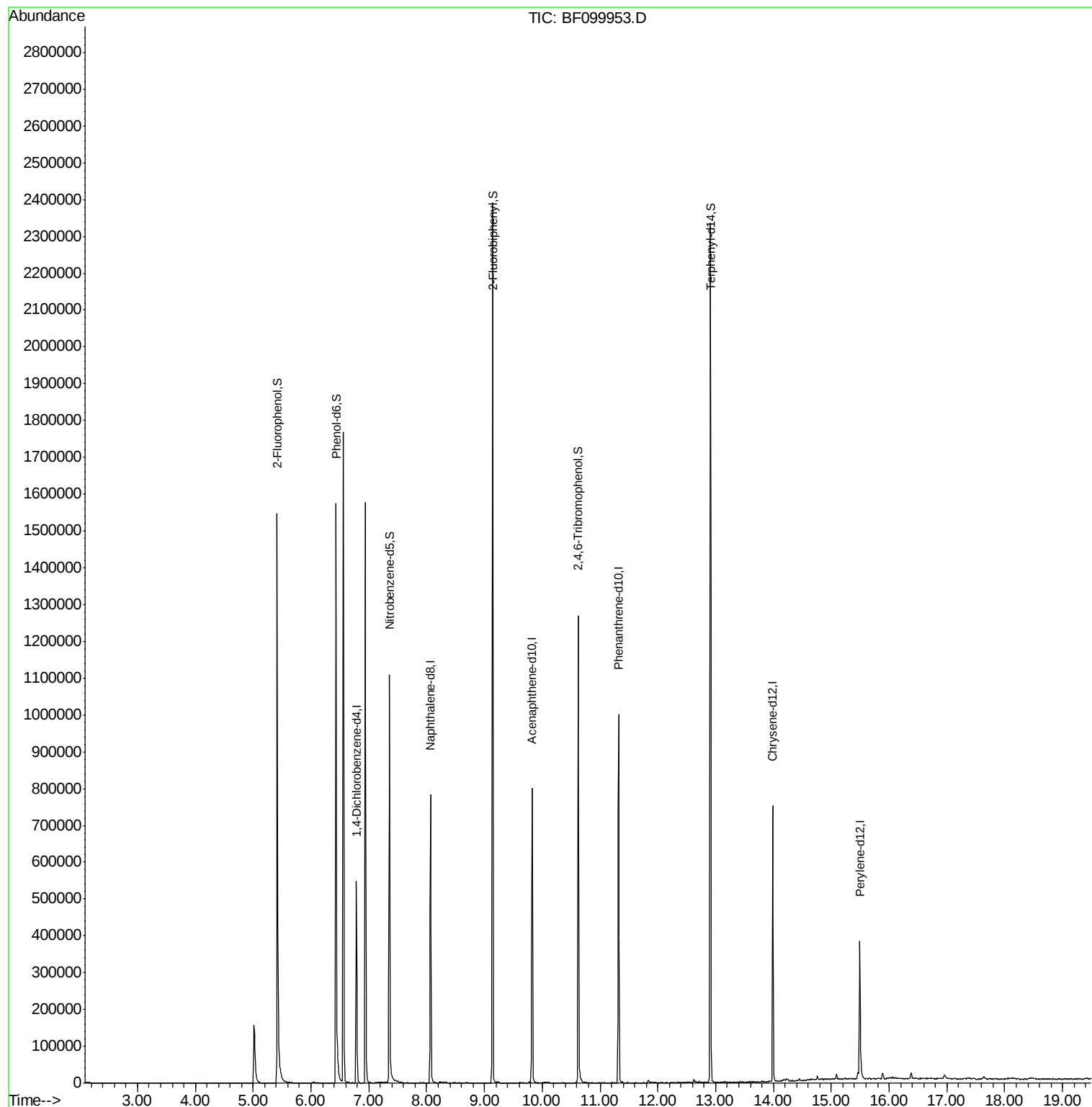
Target Compounds Qvalue

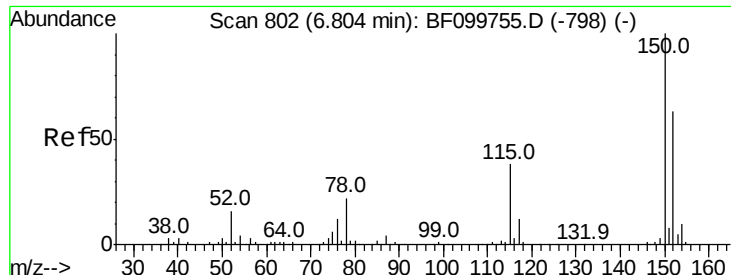
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099953.D
Acq On : 30 Oct 2017 12:34
Operator : SJ/JU
Sample : PB103742BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103742BL

Quant Time: Oct 30 16:30:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 16:10:28 2017
Response via : Initial Calibration



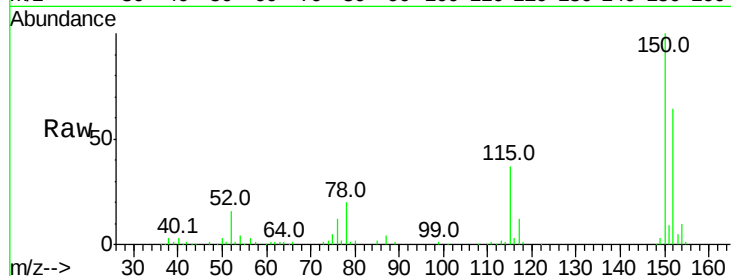


#1

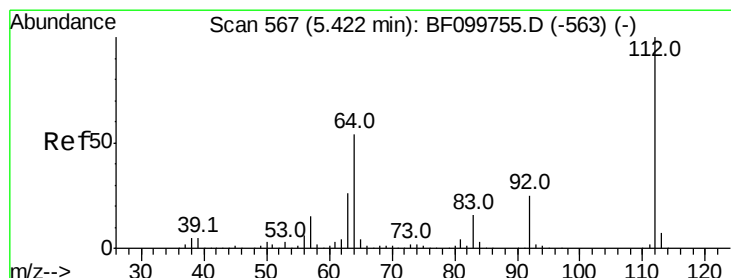
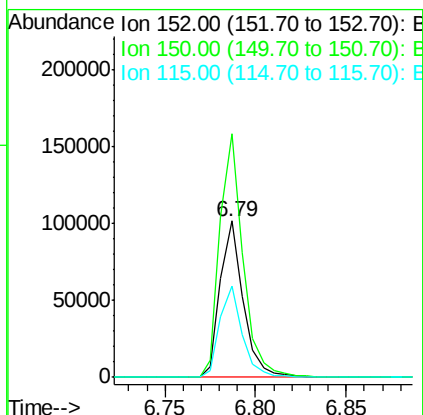
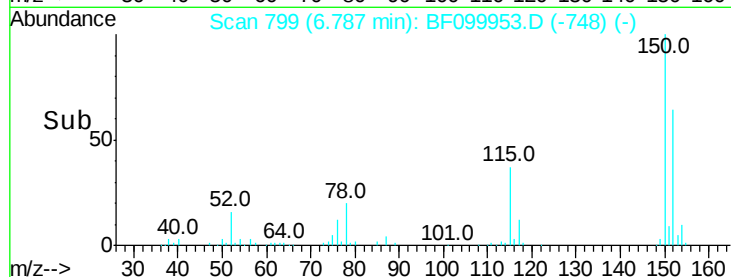
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BL

Tot Ion:152 Resp: 90192
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 58.3 50.1 75.1



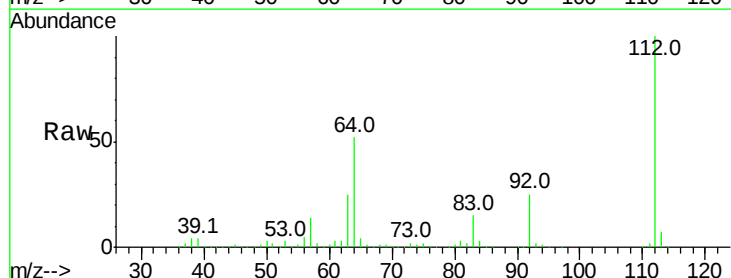
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



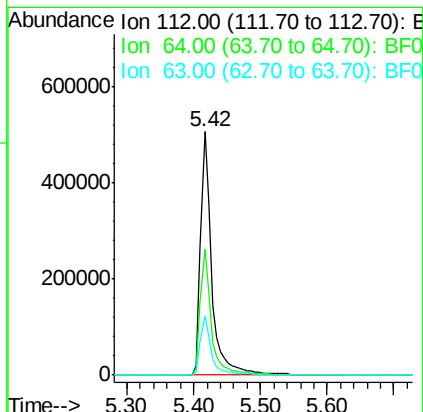
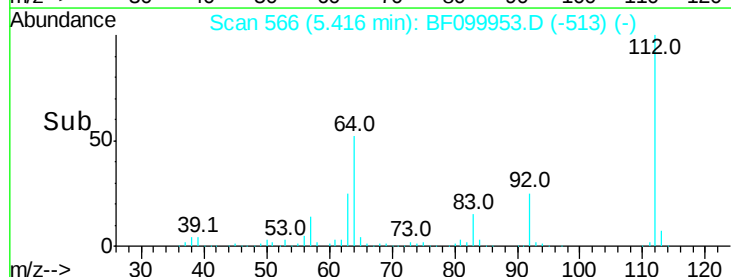
#5

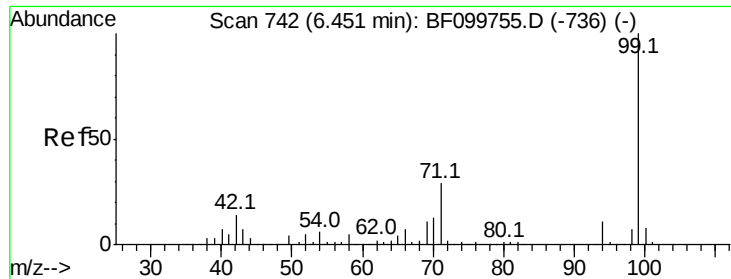
2-Fluorophenol
 Concen: 98.575 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Tgt Ion:112 Resp: 566299
 Ion Ratio Lower Upper
 112 100
 64 51.7 47.9 71.9
 63 24.6 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: 97.351 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF099953.D

Acq: 30 Oct 2017 12:34

Instrument :

BNA_F

ClientSampleId :

PB103742BL

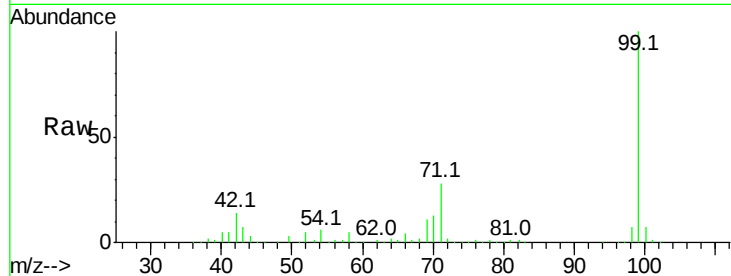
Tot Ion: 99 Resp: 663131

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

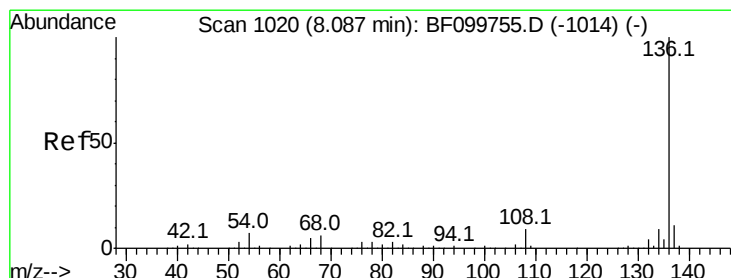
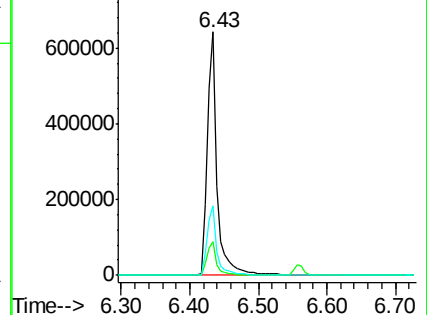
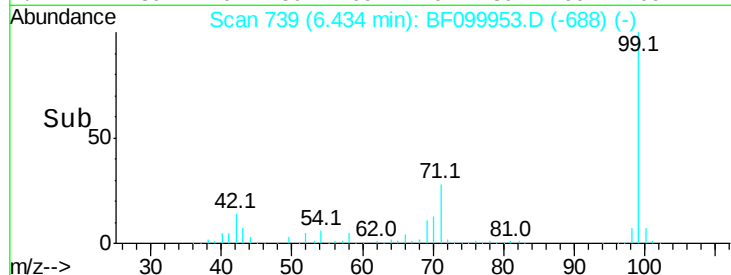
71 28.4 25.4 38.0



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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF099953.D

Acq: 30 Oct 2017 12:34

Tgt Ion: 136 Resp: 373631

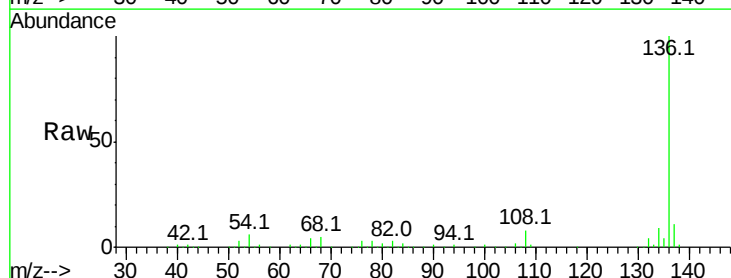
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

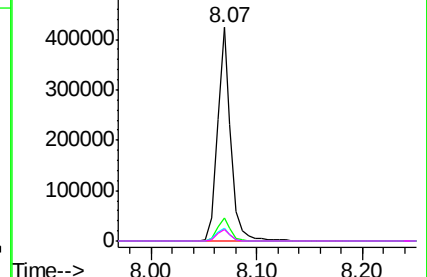
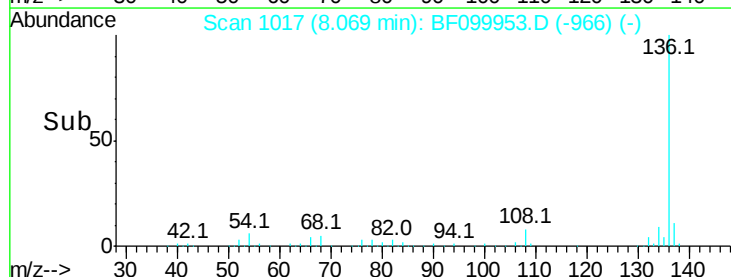


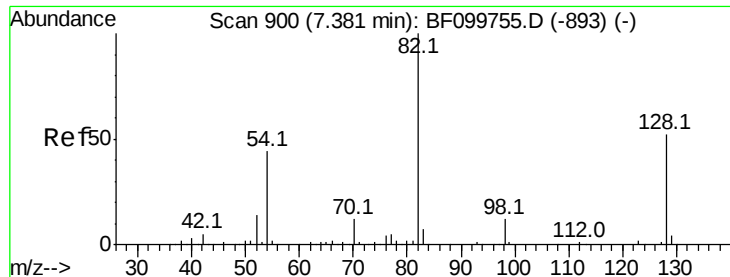
Abundance Ion 136.00 (135.70 to 136.70): E

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

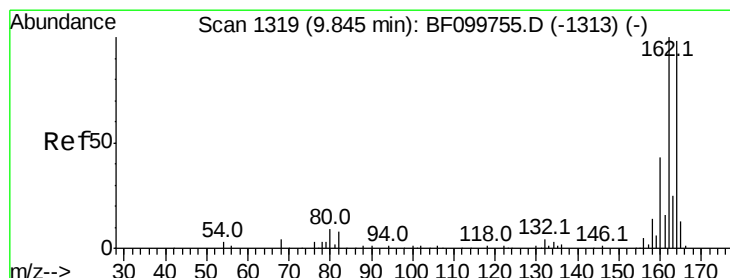
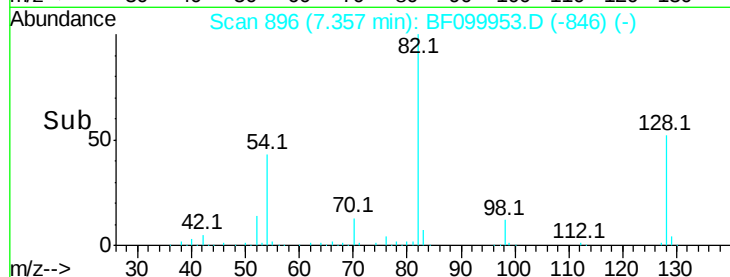
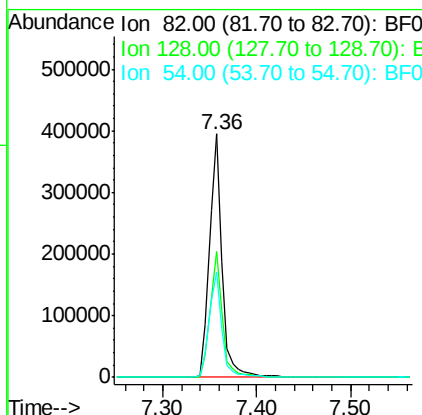
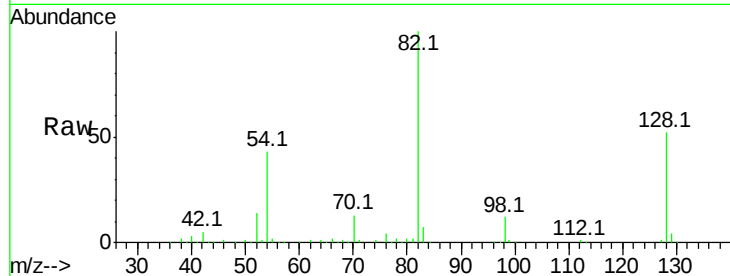




#23
 Nitrobenzene-d5
 Concen: 64.842 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

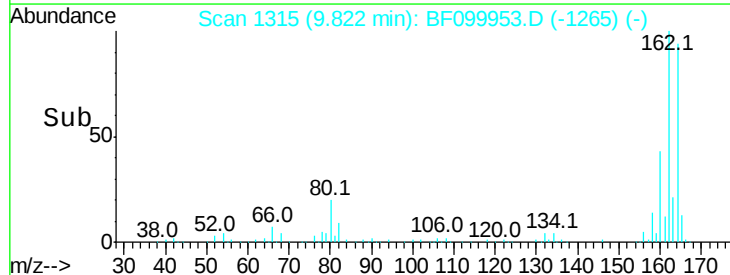
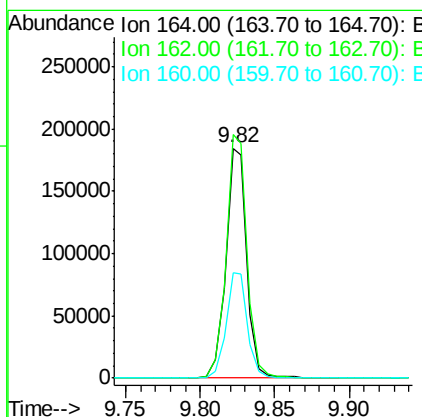
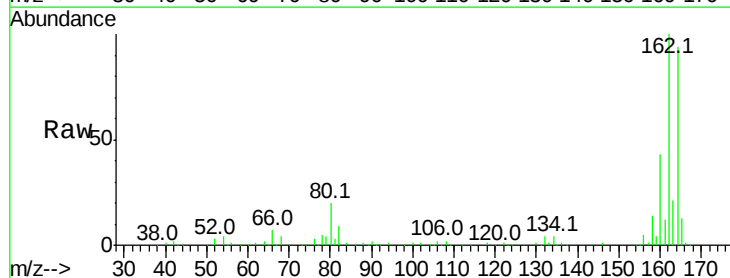
Instrument :
 BNA_F
 ClientSampleId :
 PB103742BL

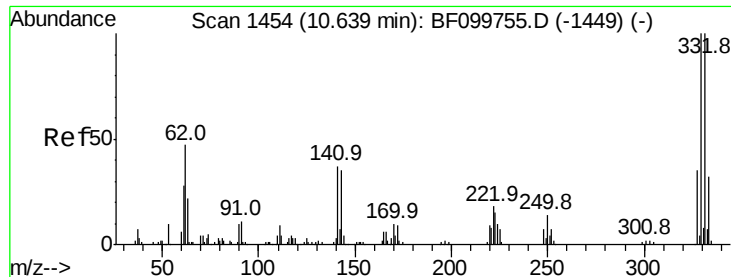
Tot Ion: 82 Resp: 376308
 Ion Ratio Lower Upper
 82 100
 128 51.9 36.1 54.1
 54 43.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Tgt Ion:164 Resp: 182776
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 45.8 38.3 57.5

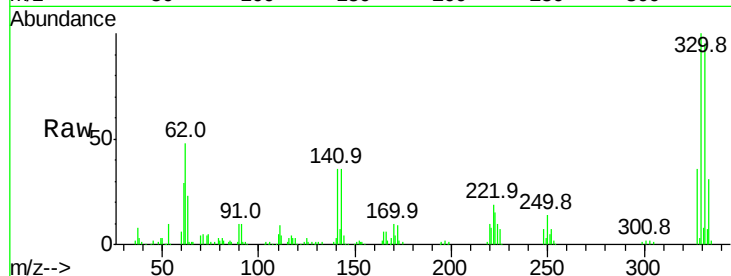




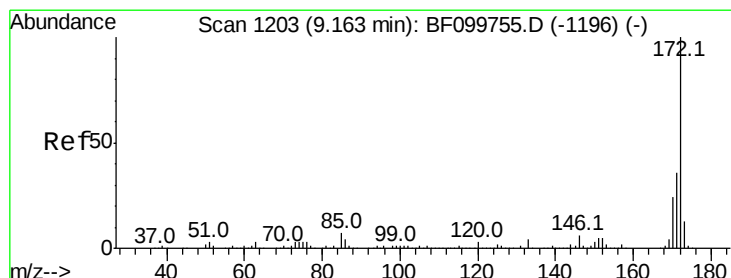
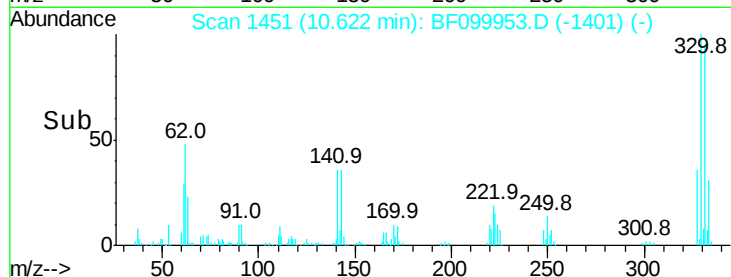
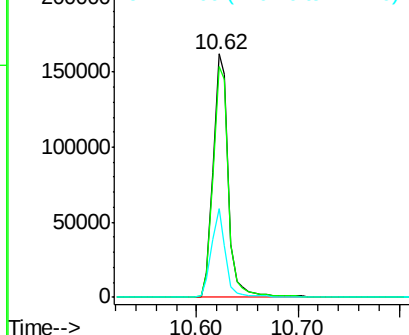
#41
 2,4,6-Tribromophenol
 Concen: 102.222 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	33.7	29.9	44.9

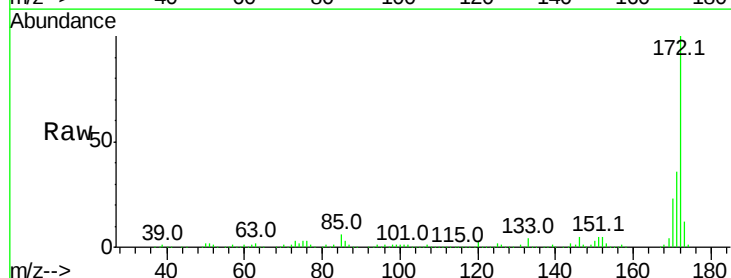


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

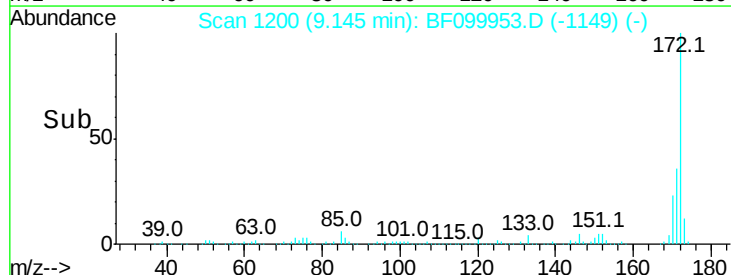
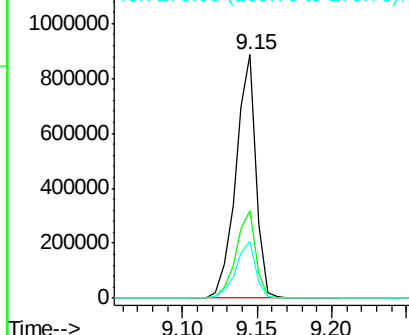


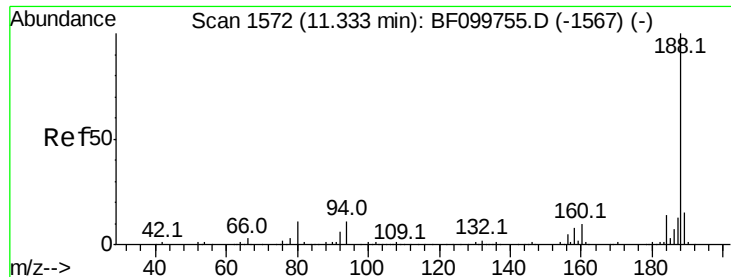
#44
 2-Fluorobiphenyl
 Concen: 70.660 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.2	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

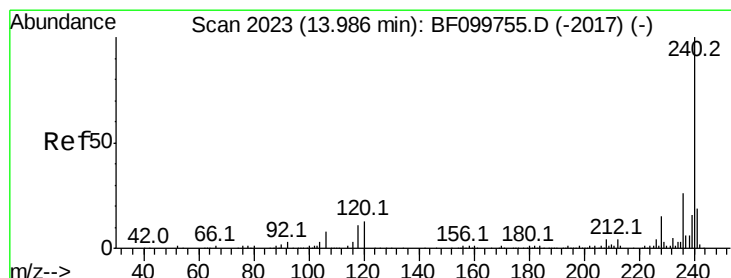
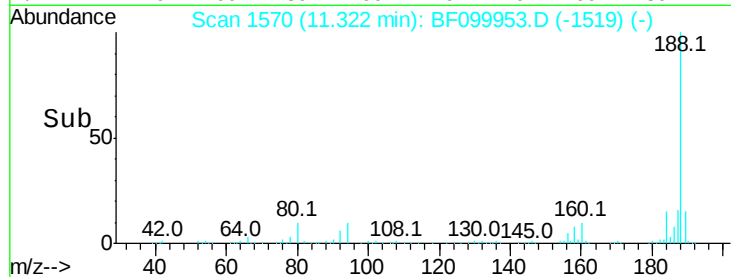
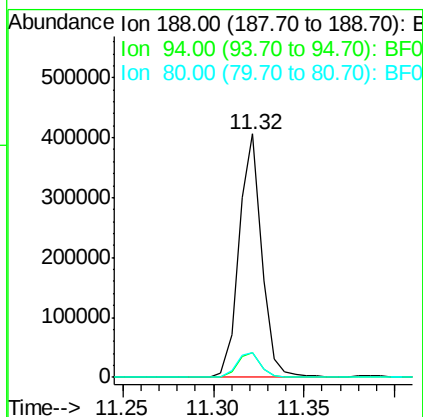
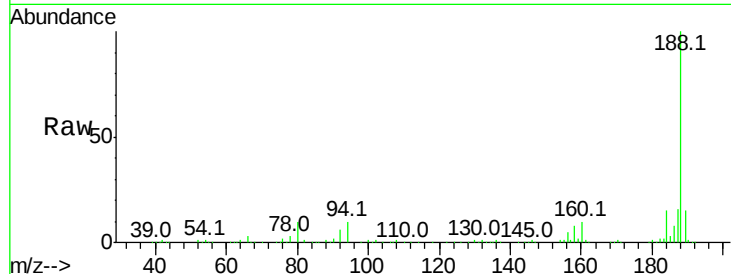




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

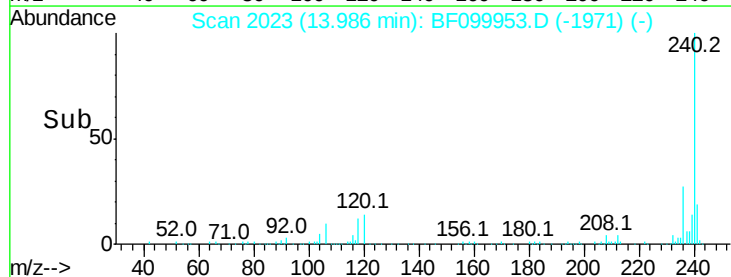
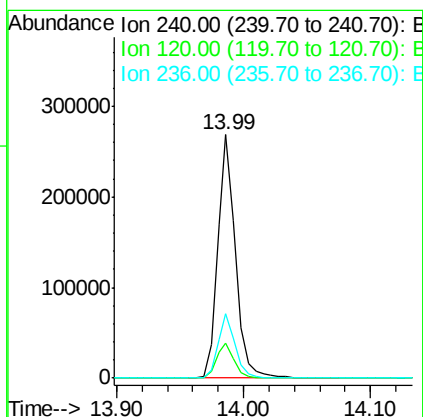
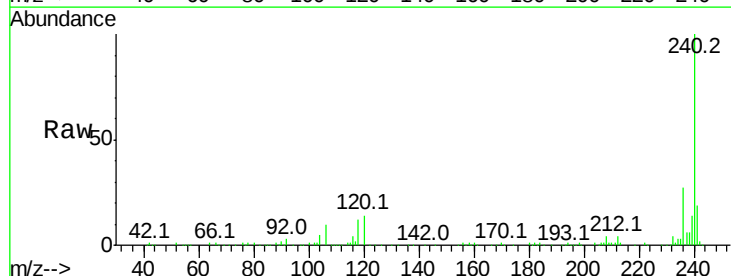
Instrument :
 BNA_F
 ClientSampleId :
 PB103742BL

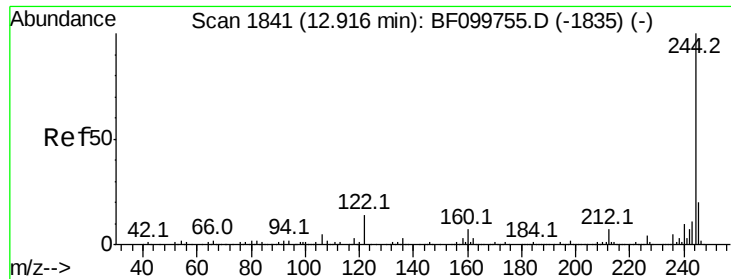
Tot Ion:188 Resp: 351754
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.3 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Tgt Ion:240 Resp: 262746
 Ion Ratio Lower Upper
 240 100
 120 14.3 9.5 14.3
 236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 66.817 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF099953.D

Acq: 30 Oct 2017 12:34

Instrument :

BNA_F

ClientSampleId :

PB103742BL

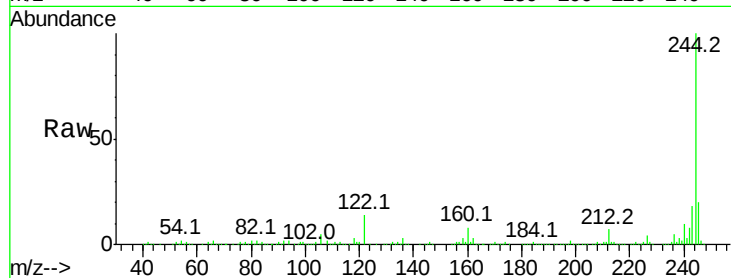
Tot Ion:244 Resp: 803343

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

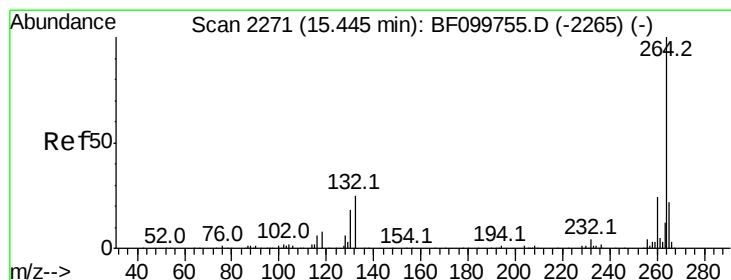
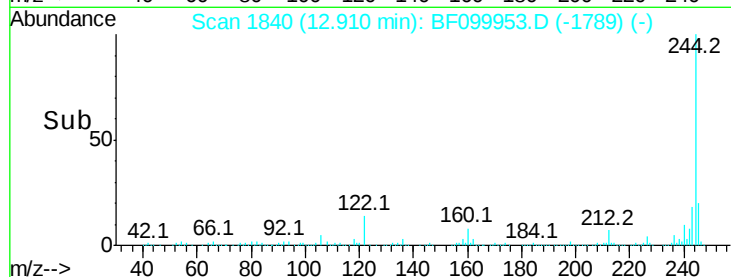
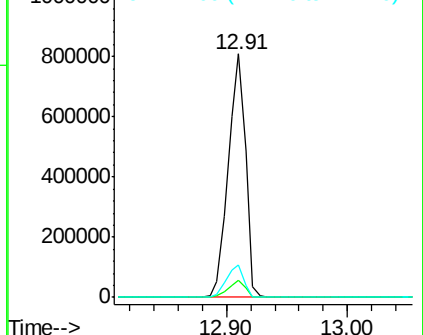
122 13.5 11.0 16.4



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: 15.49 min Scan# 2279

Delta R.T. 0.04 min

Lab File: BF099953.D

Acq: 30 Oct 2017 12:34

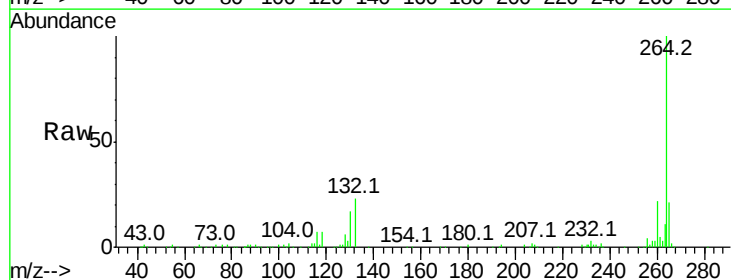
Tgt Ion:264 Resp: 185467

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 21.2 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

