

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099453.D
 Acq On : 13 Oct 2017 21:37
 Operator : SJ/JU
 Sample : I5819-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3905-PP3

Quant Time: Oct 13 23:42:33 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	95560	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	371907	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	147790	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	211943	20.00	ng	0.00
75) Chrysene-d12	14.02	240	162486	20.00	ng	0.00
86) Perylene-d12	15.49	264	180666	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	384937	64.13	ng	0.00
7) Phenol-d6	6.48	99	274564	37.08	ng	0.00
23) Nitrobenzene-d5	7.42	82	597196	102.98	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	153722	127.11	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1046253	118.18	ng	0.00
78) Terphenyl-d14	12.96	244	646735	90.52	ng	0.00

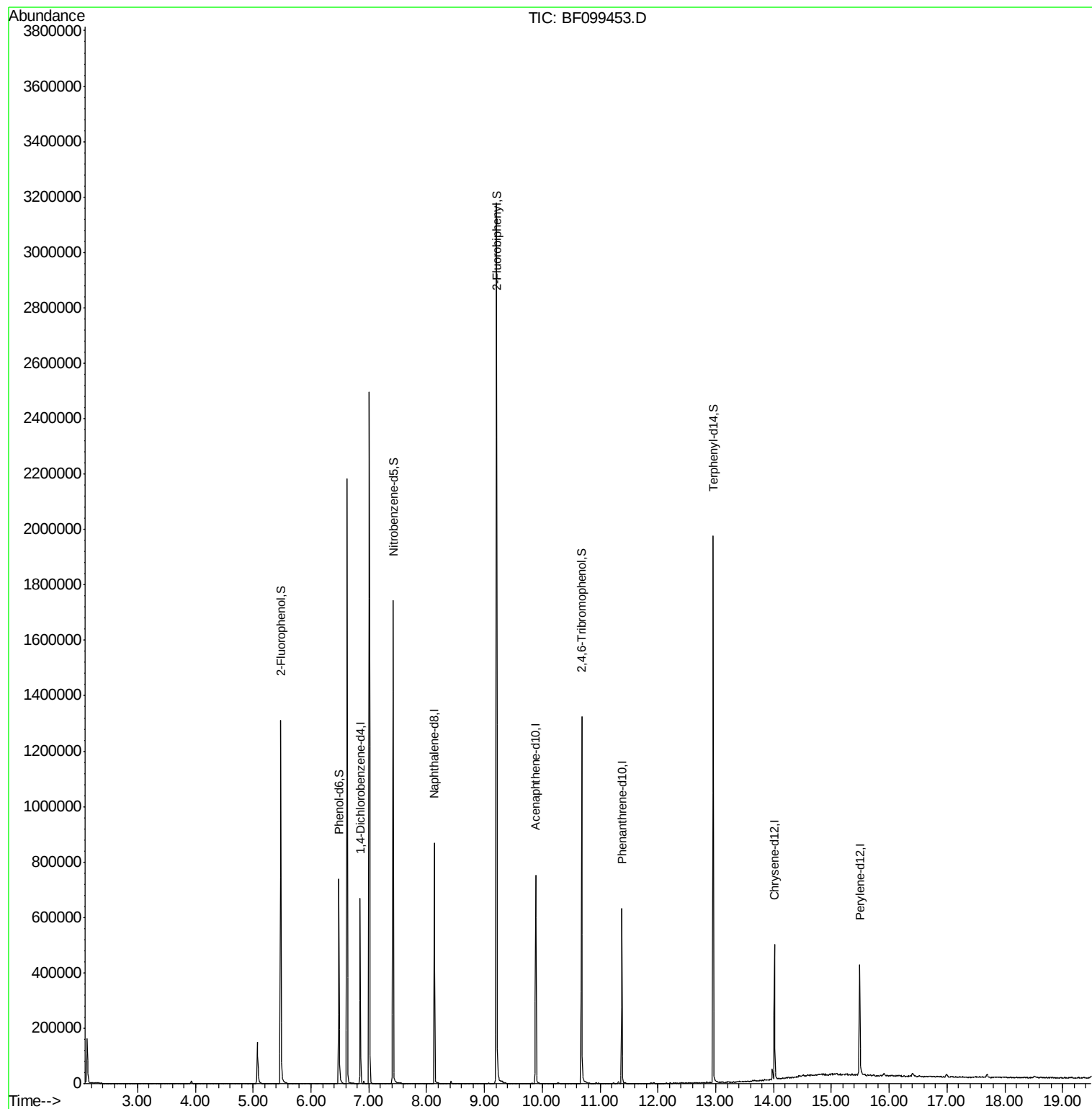
Target Compounds	Qvalue
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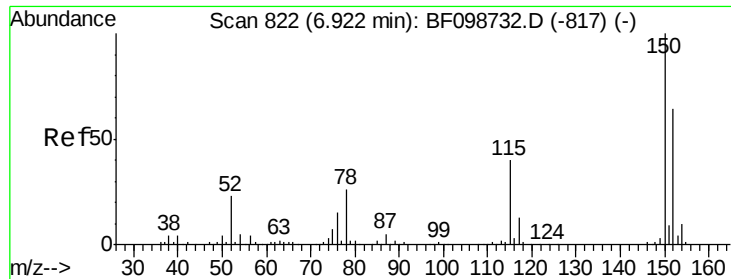
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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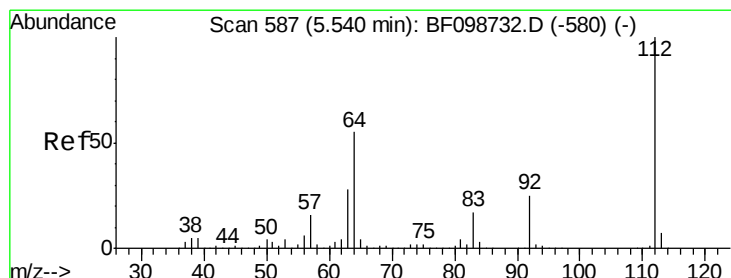
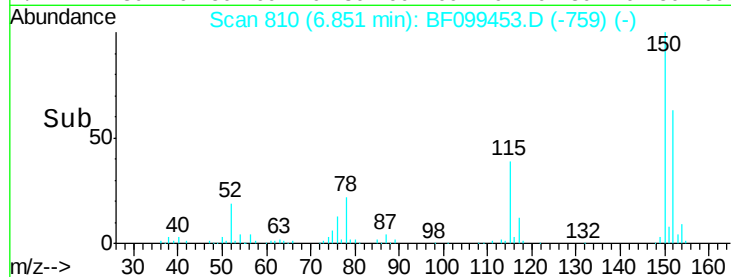
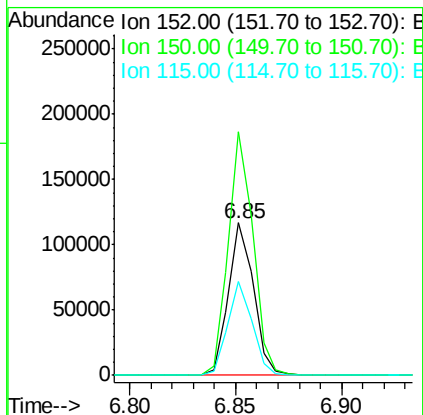
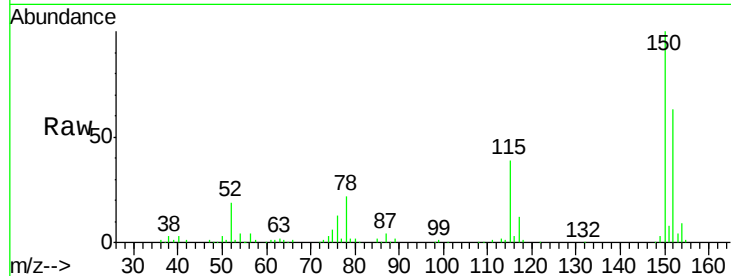


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099453.D
 Acq: 13 Oct 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 3905-PP3

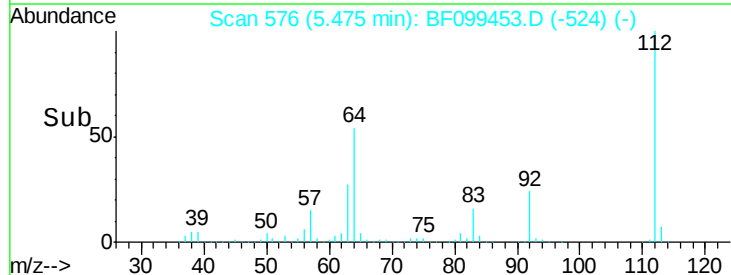
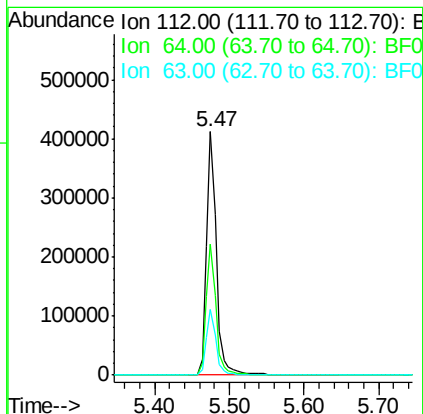
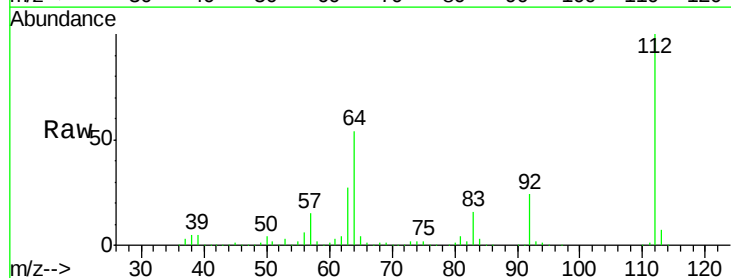
Tgt Ion:152 Resp: 95560
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.6 186.8
 115 61.8 50.1 75.1

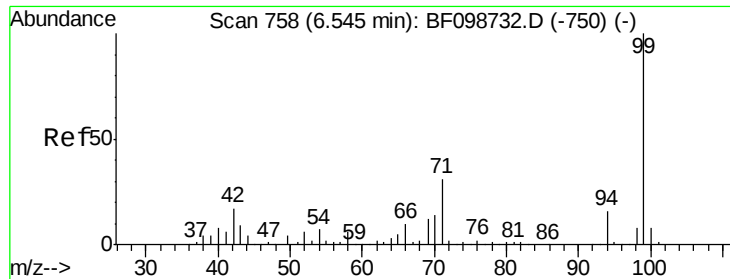


#5

2-Fluorophenol
 Concen: 64.13 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099453.D
 Acq: 13 Oct 2017 21:37

Tgt Ion:112 Resp: 384937
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.9 71.9
 63 27.2 23.7 35.5





#7

Phenol-d6

Concen: 37.08 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099453.D

Acq: 13 Oct 2017 21:37

Instrument :

BNA_F

ClientSampleId :

3905-PP3

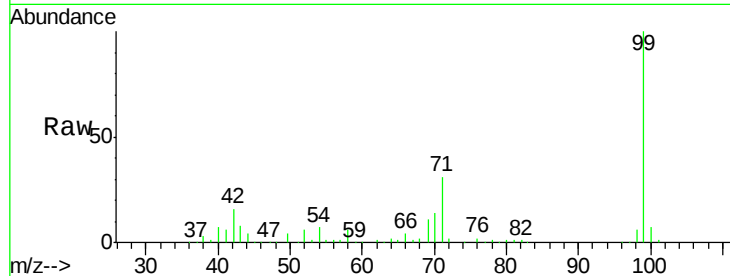
Tgt Ion: 99 Resp: 274564

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

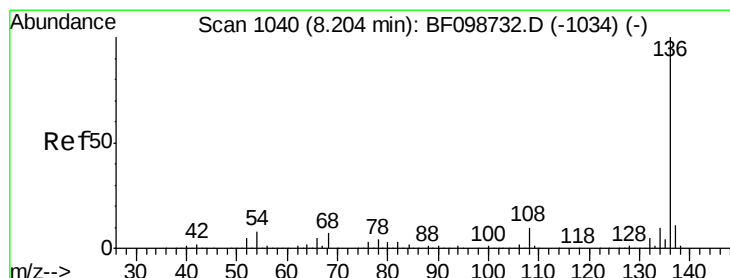
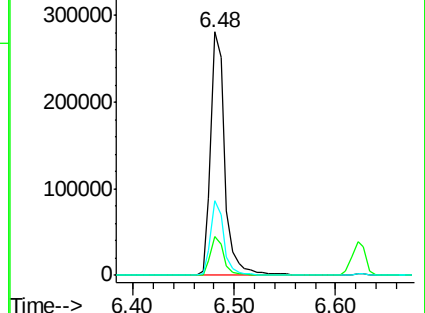
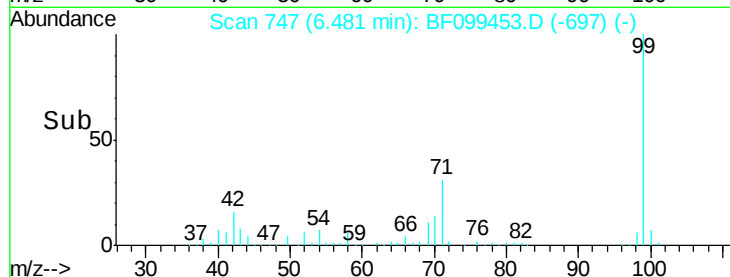
71 30.5 25.4 38.0



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. 0.00 min

Lab File: BF099453.D

Acq: 13 Oct 2017 21:37

Tgt Ion: 136 Resp: 371907

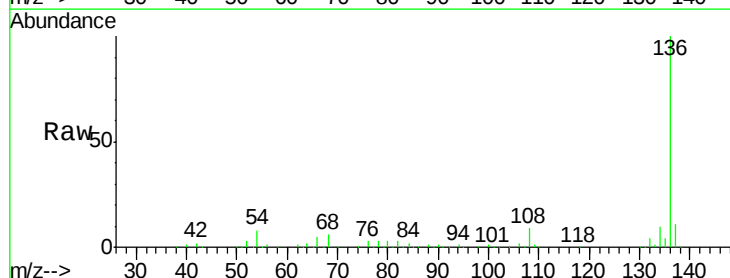
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

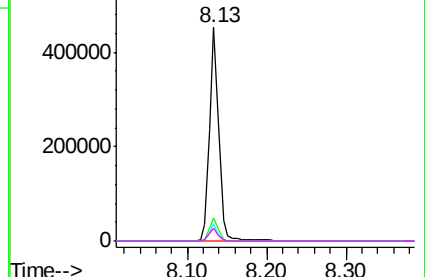
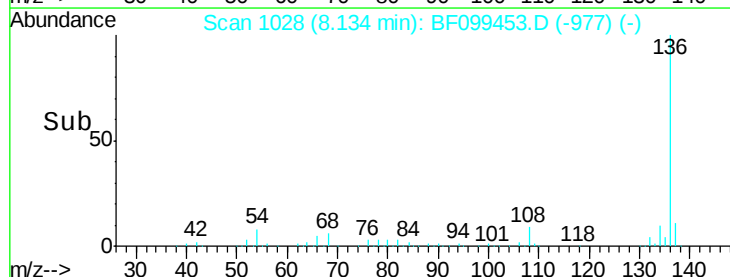


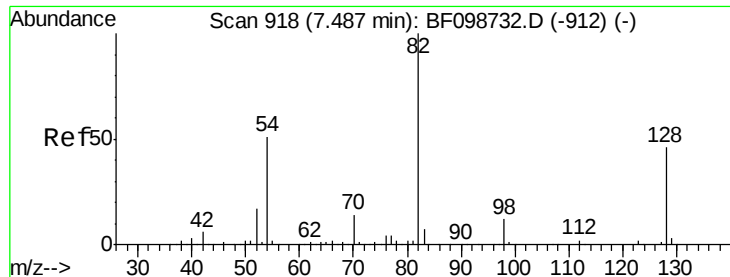
Abundance Ion 136.00 (135.70 to 136.70): E

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

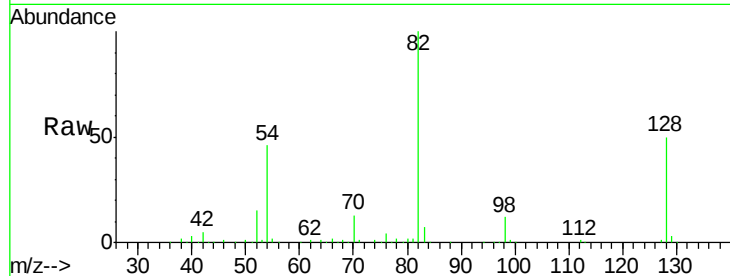




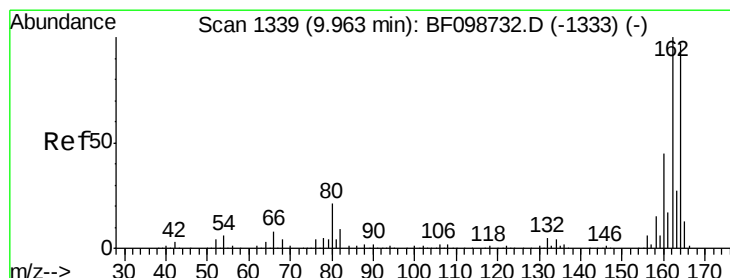
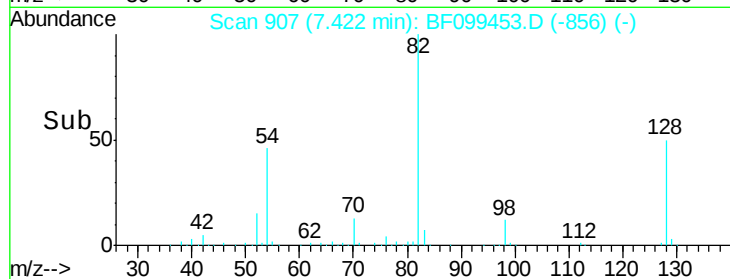
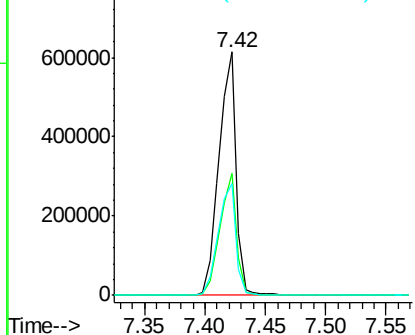
#23
 Nitrobenzene-d5
 Concen: 102.98 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099453.D
 Acq: 13 Oct 2017 21:37

Instrument :
 BNA_F
 ClientSampled :
 3905-PP3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	46.1	41.4	62.2

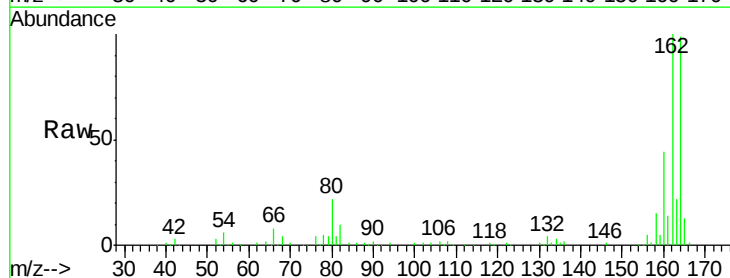


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

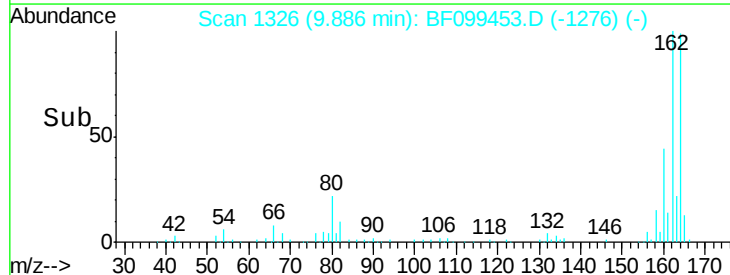
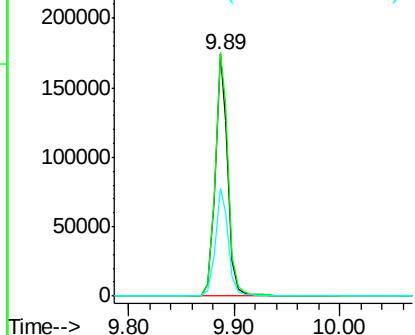


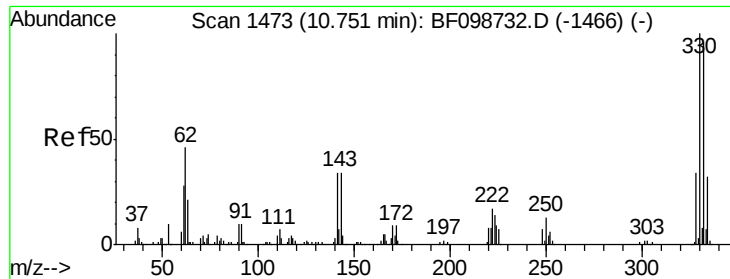
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099453.D
 Acq: 13 Oct 2017 21:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	44.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

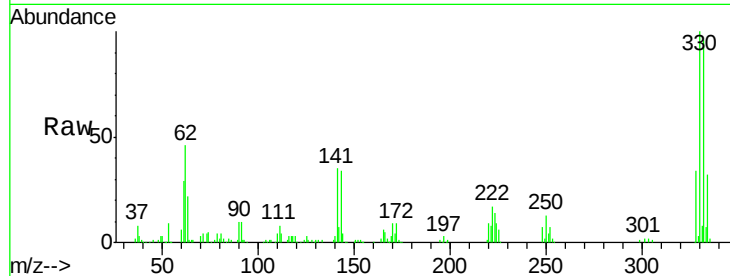




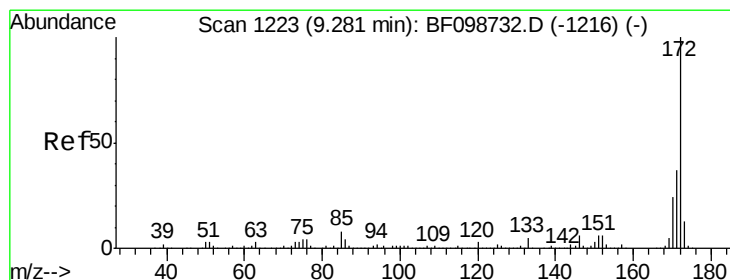
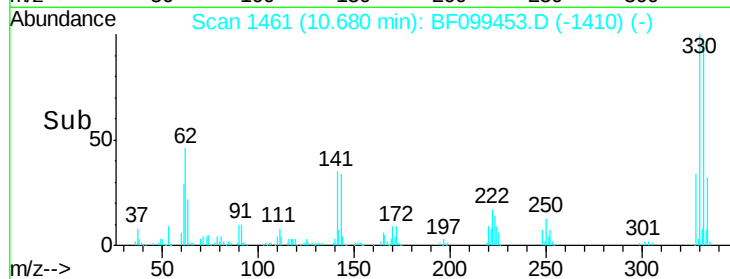
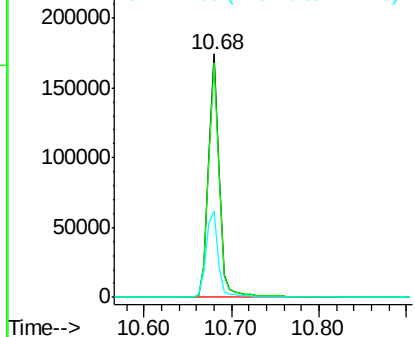
#41
 2,4,6-Tribromophenol
 Concen: 127.11 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099453.D
 Acq: 13 Oct 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 3905-PP3

Tgt Ion:330 Resp: 153722
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 39.4 29.9 44.9

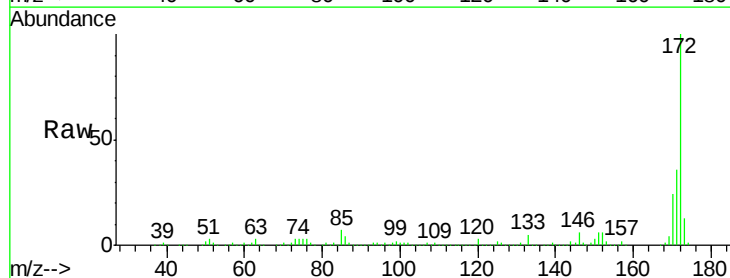


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

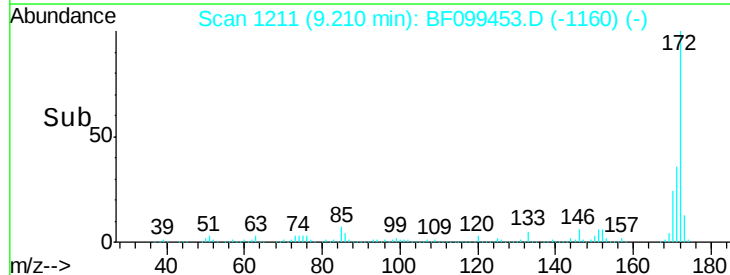
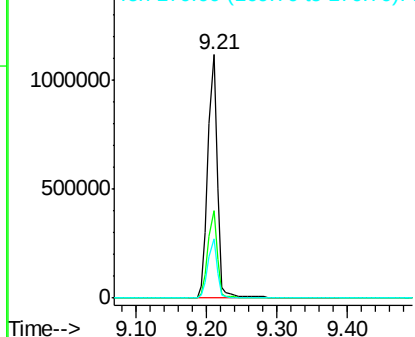


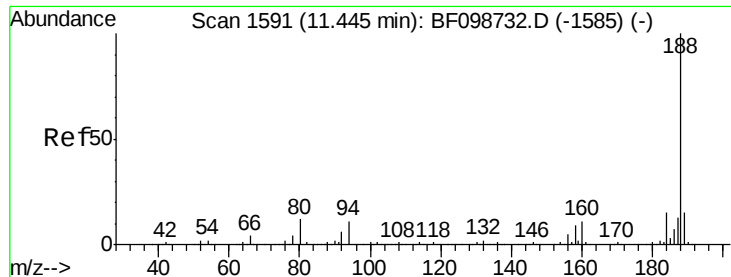
#44
 2-Fluorobiphenyl
 Concen: 118.18 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099453.D
 Acq: 13 Oct 2017 21:37

Tgt Ion:172 Resp: 1046253
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.2 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

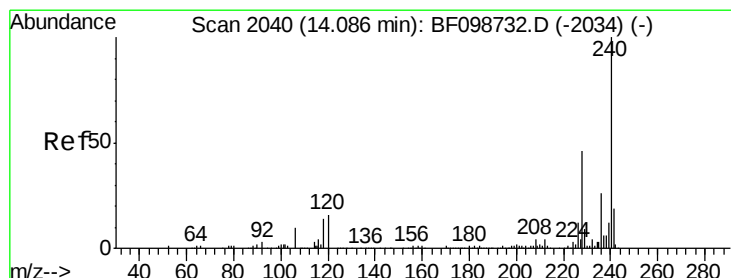
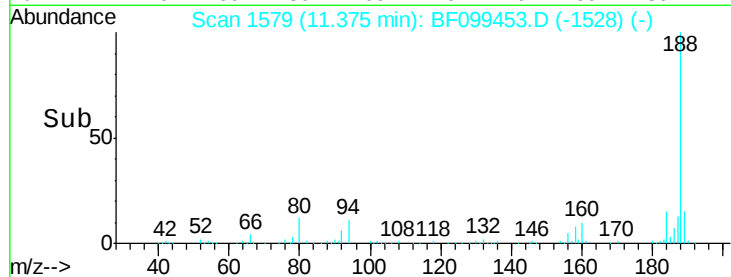
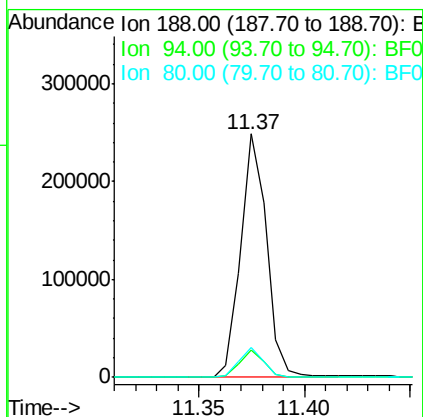
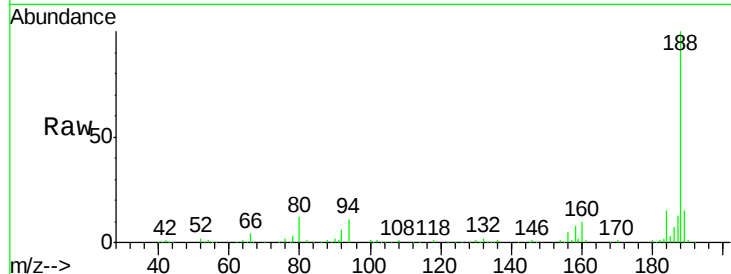




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099453.D
Acq: 13 Oct 2017 21:37

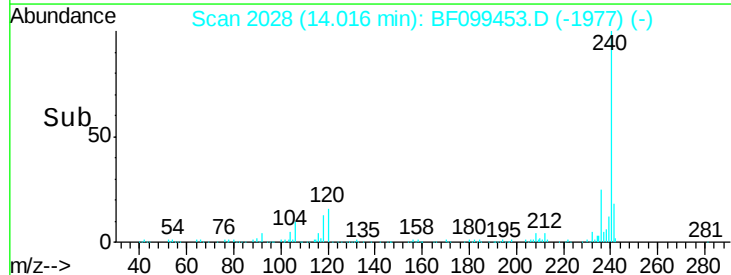
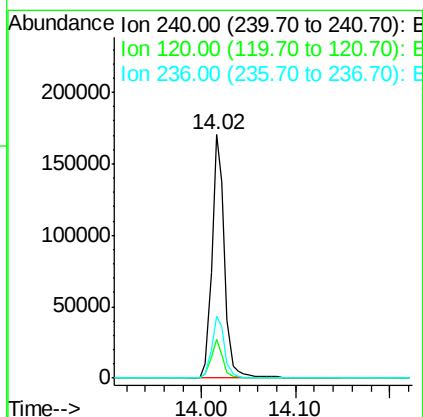
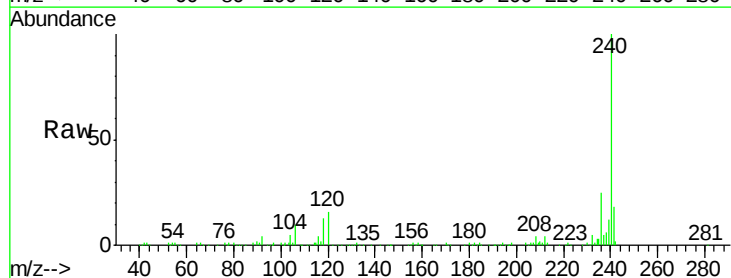
Instrument :
BNA_F
ClientSampleId :
3905-PP3

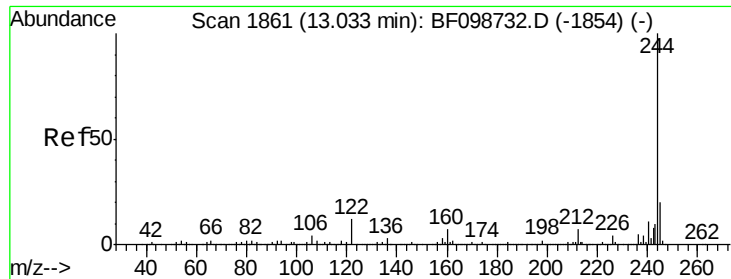
Tgt Ion:188 Resp: 211943
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099453.D
Acq: 13 Oct 2017 21:37

Tgt Ion:240 Resp: 162486
Ion Ratio Lower Upper
240 100
120 15.8 9.5 14.3#
236 25.3 20.7 31.1

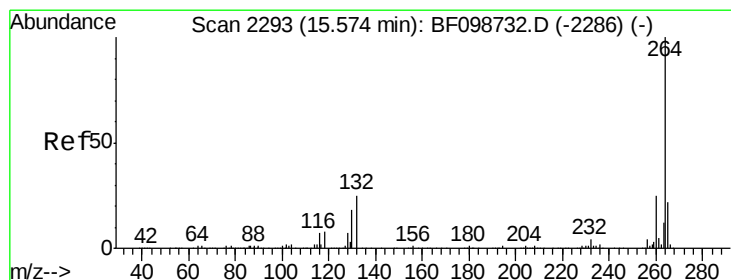
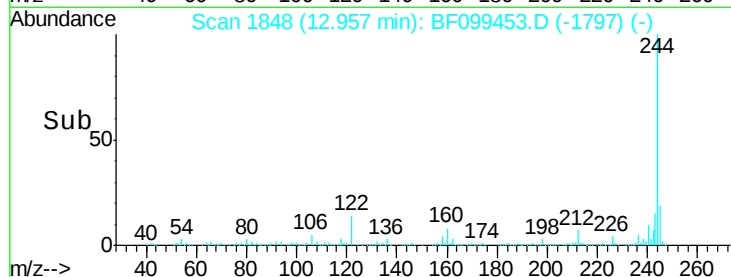
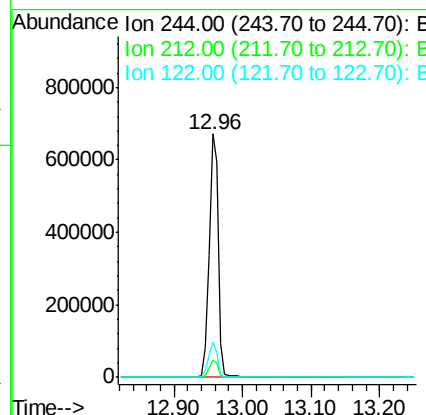
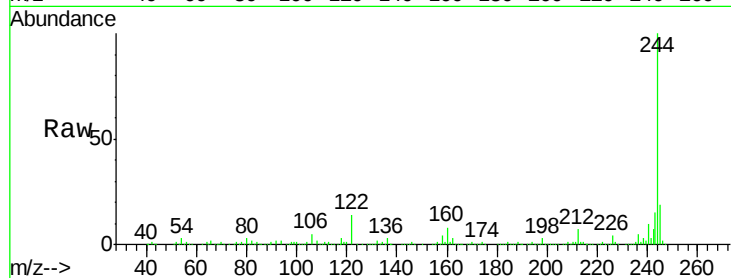




#78
 Terphenyl-d14
 Concen: 90.52 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099453.D
 Acq: 13 Oct 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 3905-PP3

Tgt Ion:244 Resp: 646735
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099453.D
 Acq: 13 Oct 2017 21:37

Tgt Ion:264 Resp: 180666
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.7 17.5 26.3

