

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099461.D
 Acq On : 14 Oct 2017 1:21
 Operator : SJ/JU
 Sample : I5819-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3915-PA4

Quant Time: Oct 14 02:26:08 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	93334	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	347370	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	131857	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	183275	20.00	ng	0.00
75) Chrysene-d12	14.02	240	167331	20.00	ng	0.00
86) Perylene-d12	15.50	264	186065	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	408814	69.73	ng	0.01
7) Phenol-d6	6.49	99	289774	40.06	ng	0.00
23) Nitrobenzene-d5	7.42	82	572472	105.69	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	138640	128.50	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	950515	120.34	ng	0.00
78) Terphenyl-d14	12.96	244	617035	83.86	ng	0.00

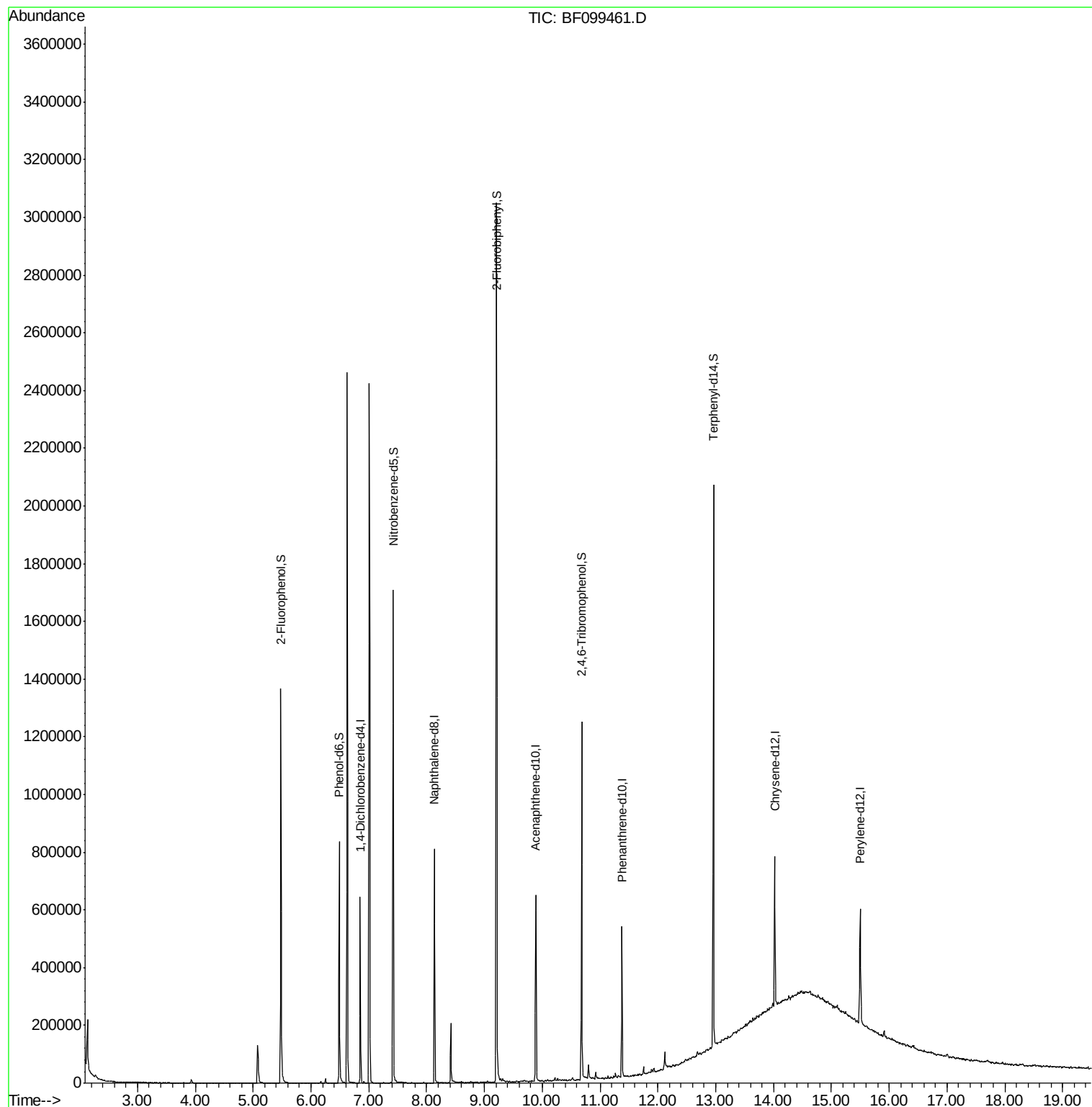
Target Compounds	Qvalue
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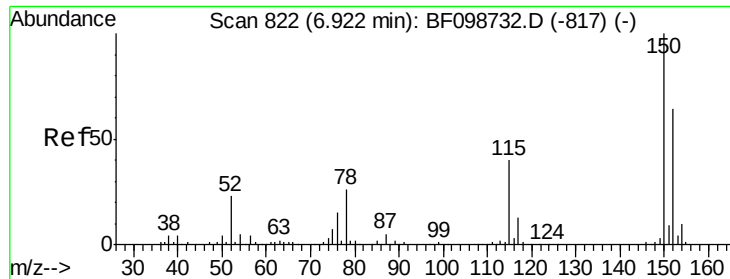
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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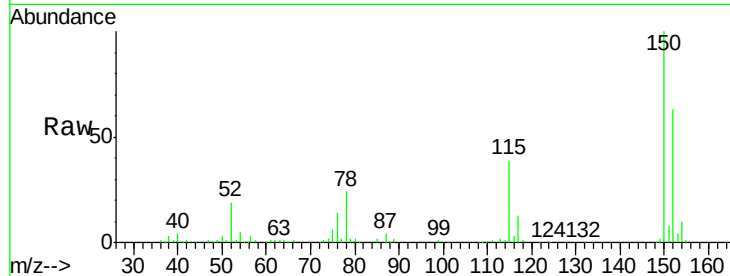


#1

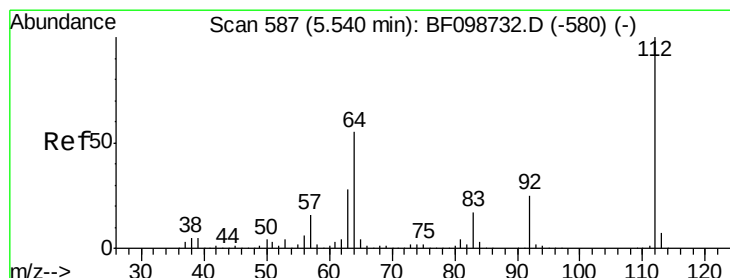
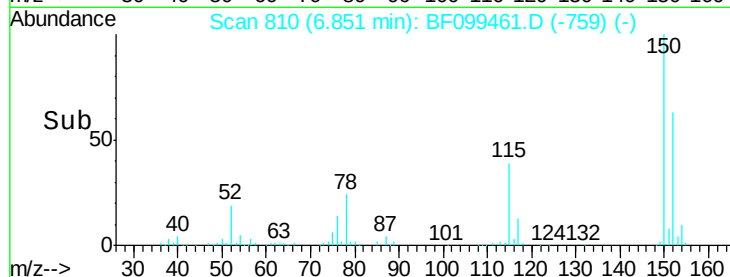
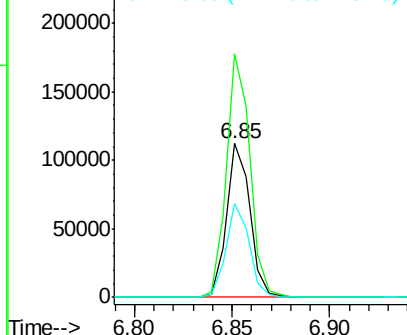
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099461.D
Acq: 14 Oct 2017 1:21

Instrument :
BNA_F
ClientSampleId :
3915-PA4

Tgt Ion:152 Resp: 93334
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 61.3 50.1 75.1



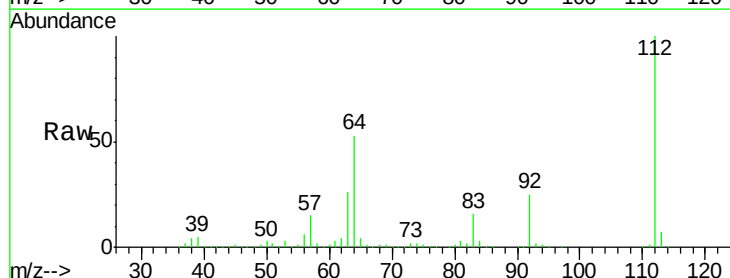
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



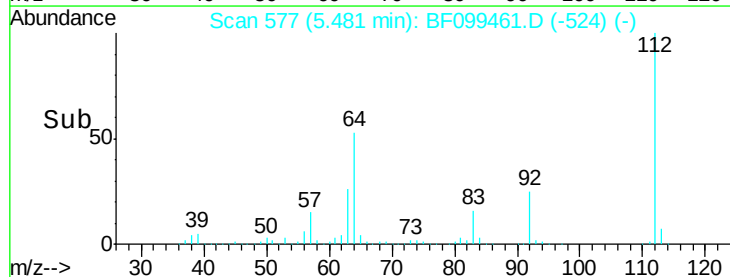
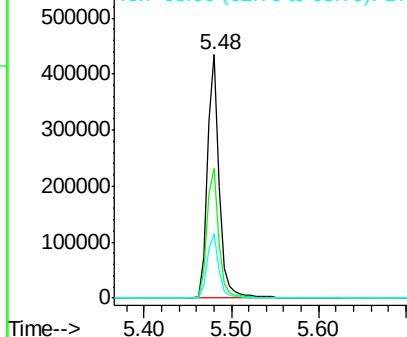
#5

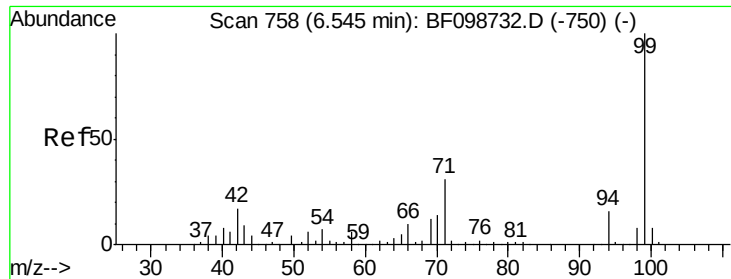
2-Fluorophenol
Concen: 69.73 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099461.D
Acq: 14 Oct 2017 1:21

Tgt Ion:112 Resp: 408814
Ion Ratio Lower Upper
112 100
64 53.4 47.9 71.9
63 26.5 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: 40.06 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099461.D

Acq: 14 Oct 2017 1:21

Instrument :

BNA_F

ClientSampleId :

3915-PA4

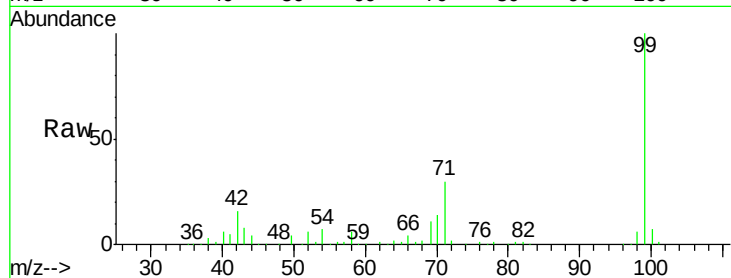
Tgt Ion: 99 Resp: 289774

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

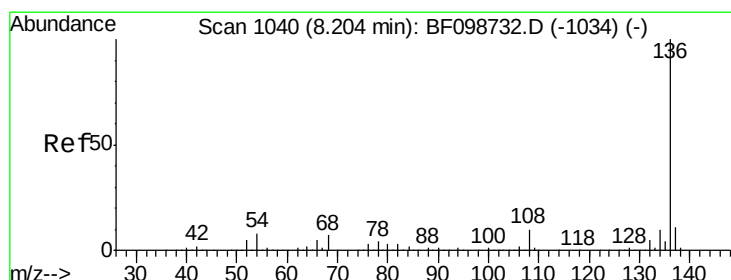
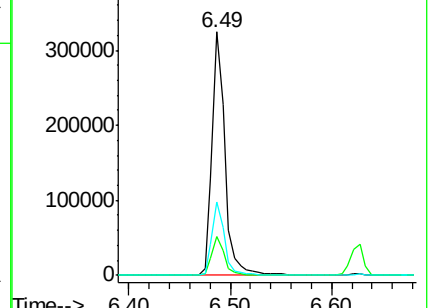
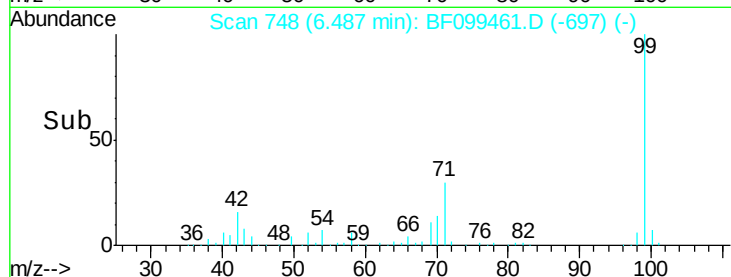
71 29.9 25.4 38.0



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: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099461.D

Acq: 14 Oct 2017 1:21

Tgt Ion: 136 Resp: 347370

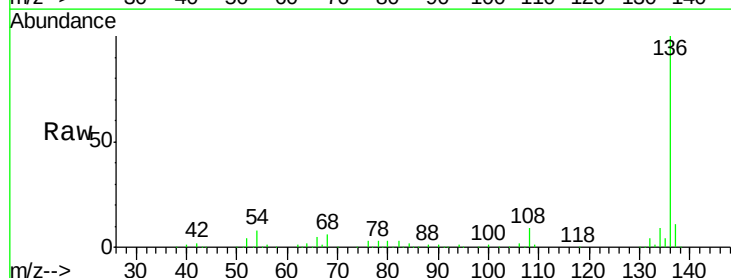
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.6 9.8

68 6.0 5.0 7.4

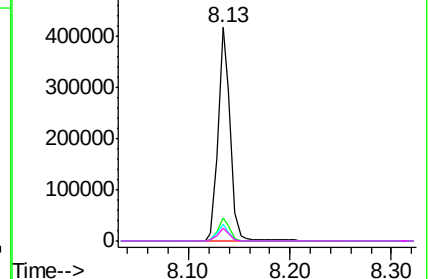
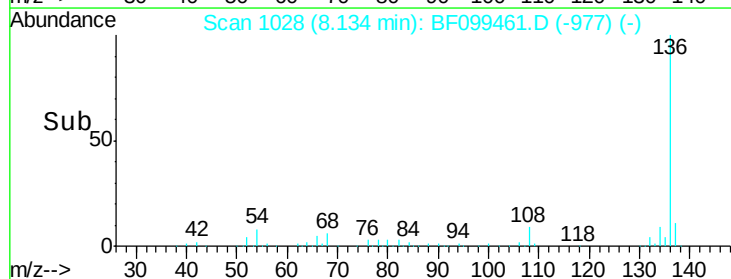


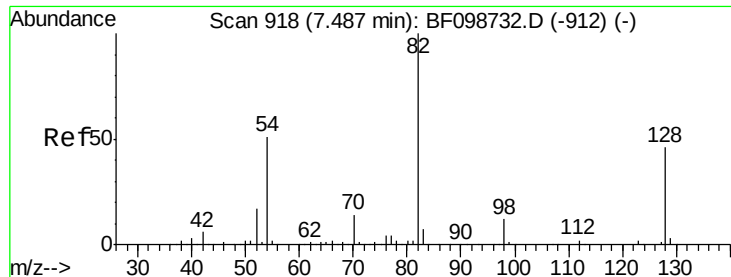
Abundance Ion 136.00 (135.70 to 136.70): E

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

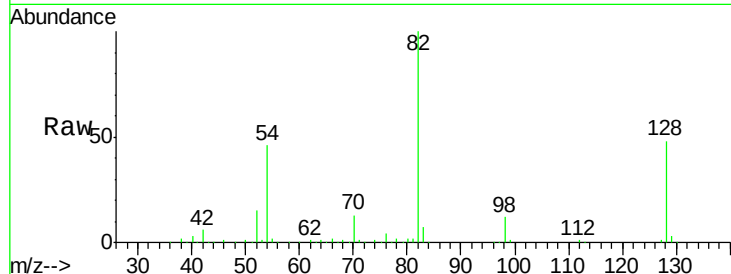




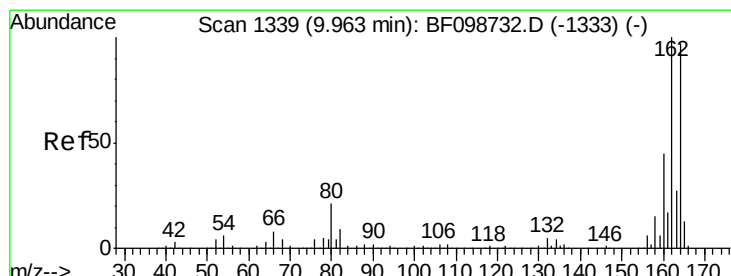
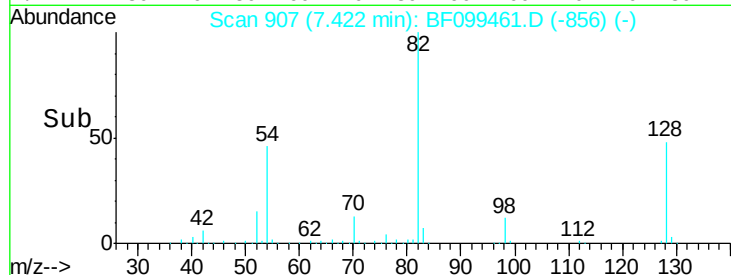
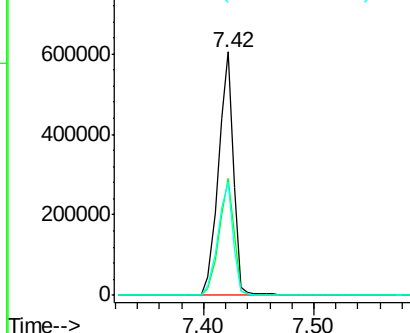
#23
 Nitrobenzene-d5
 Concen: 105.69 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Instrument :
 BNA_F
 ClientSampleId :
 3915-PA4

Tgt Ion: 82 Resp: 572472
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.1 54.1
 54 46.5 41.4 62.2

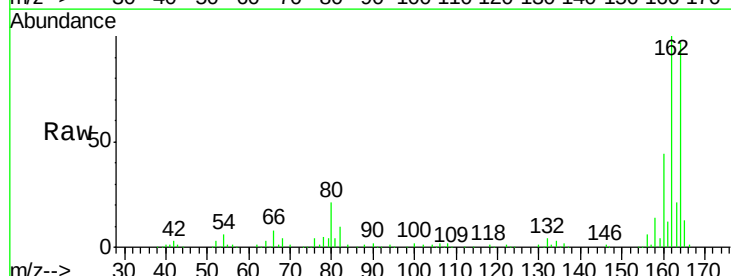


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

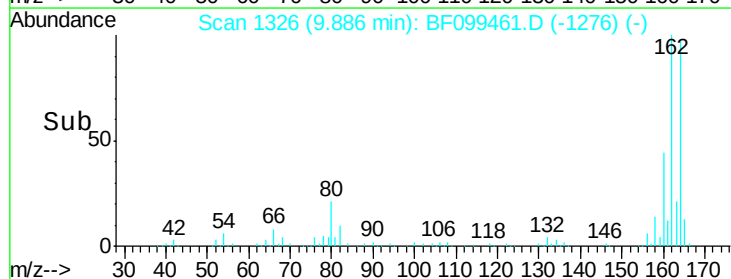
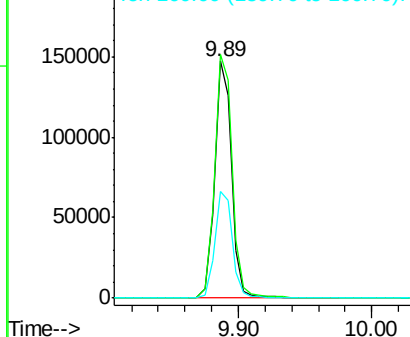


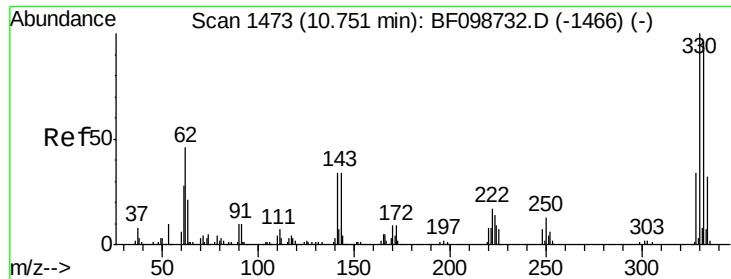
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Tgt Ion: 164 Resp: 131857
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 45.0 38.3 57.5



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

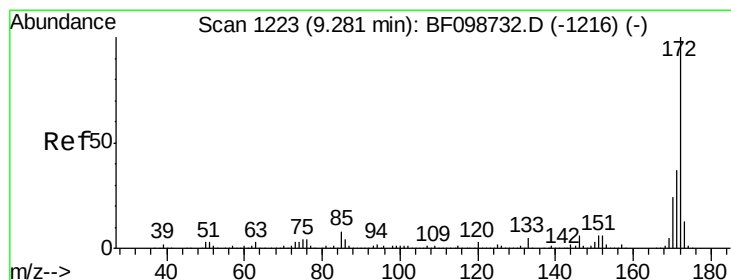
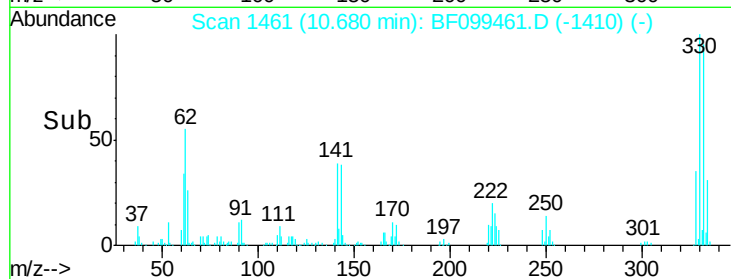
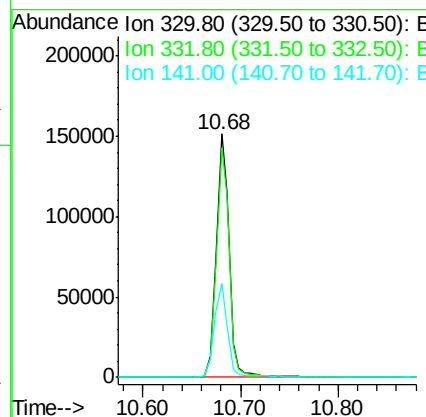
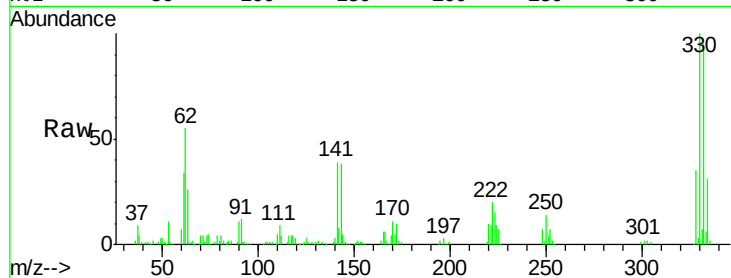




#41
 2,4,6-Tribromophenol
 Concen: 128.50 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

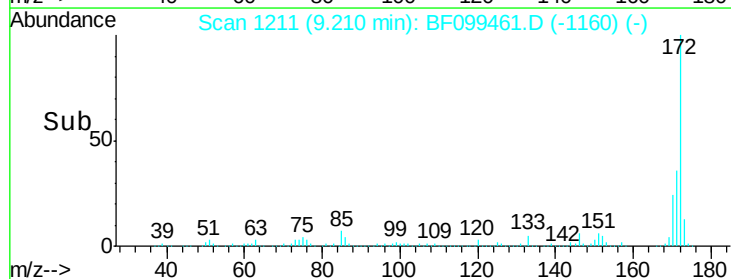
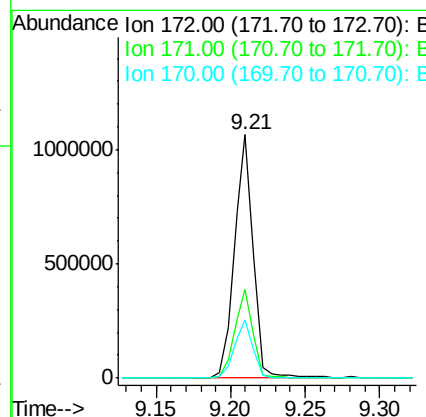
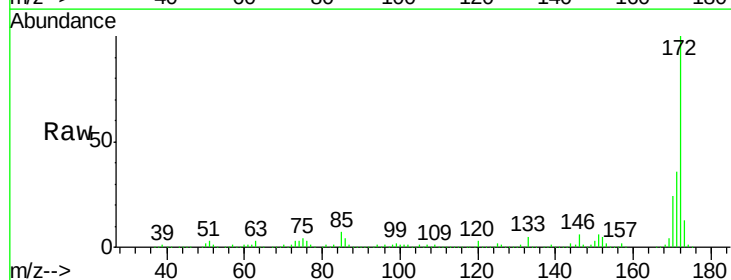
Instrument :
 BNA_F
 ClientSampleId :
 3915-PA4

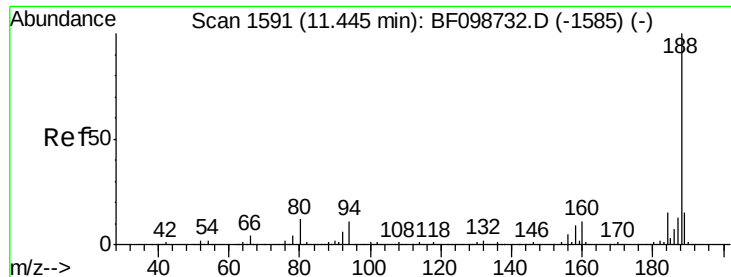
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	40.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 120.34 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4

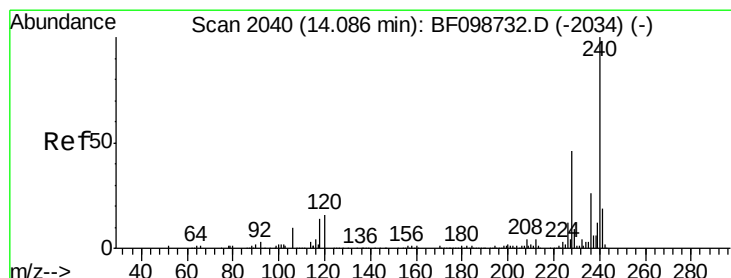
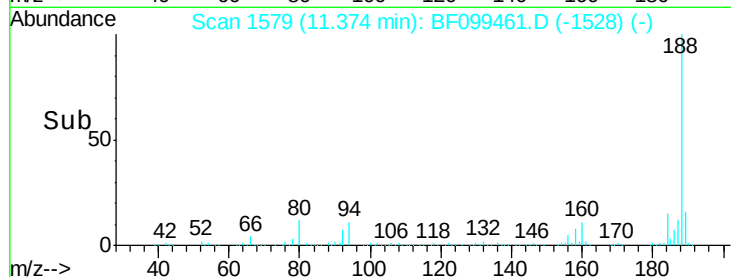
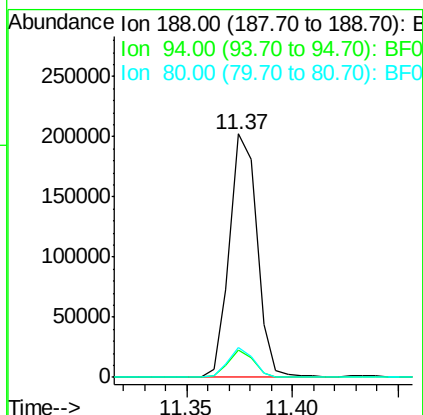
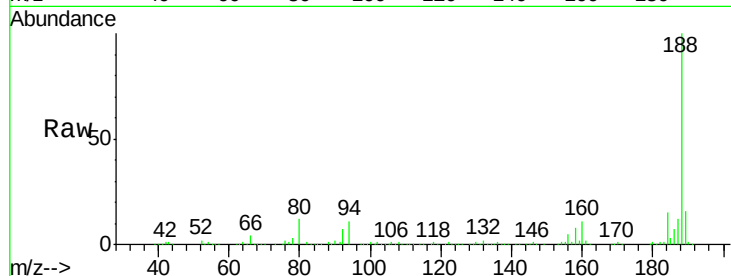




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099461.D
Acq: 14 Oct 2017 1:21

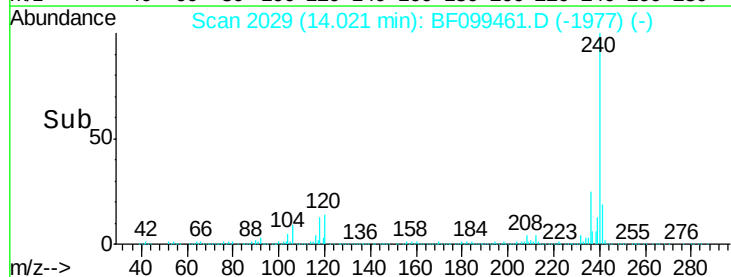
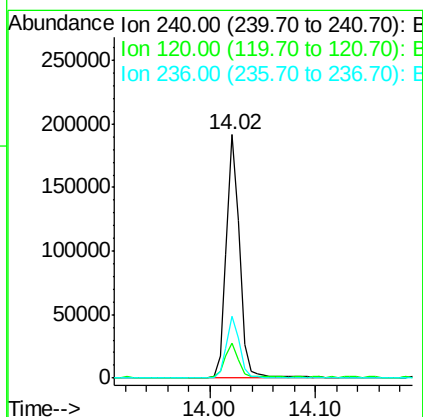
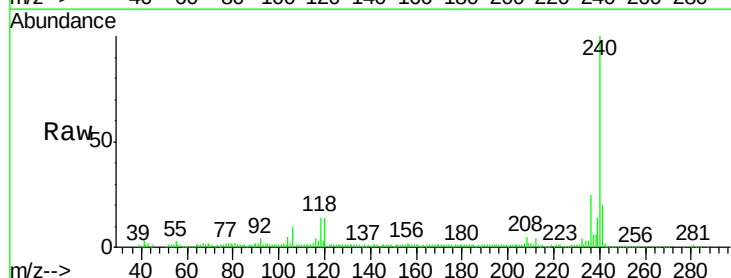
Instrument :
BNA_F
ClientSampled :
3915-PA4

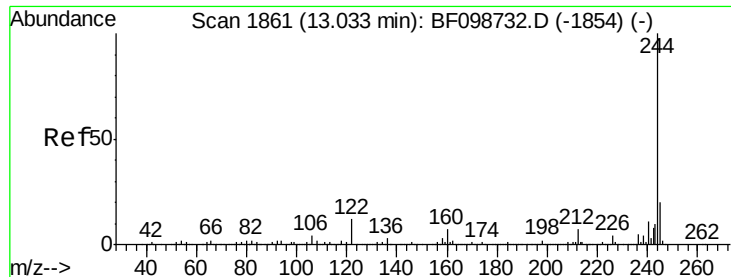
Tgt Ion:188 Resp: 183275
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099461.D
Acq: 14 Oct 2017 1:21

Tgt Ion:240 Resp: 167331
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 25.2 20.7 31.1

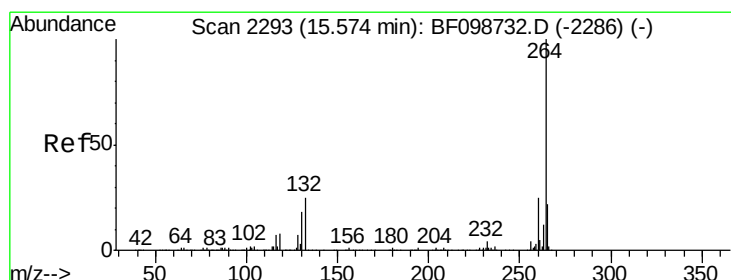
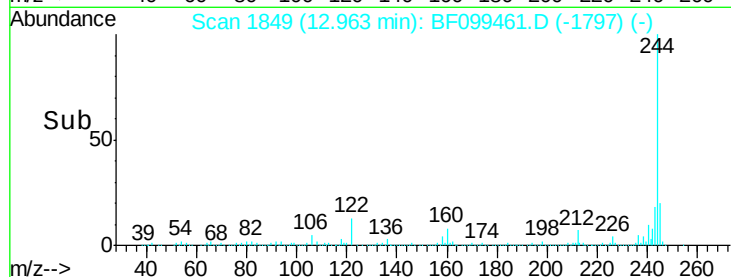
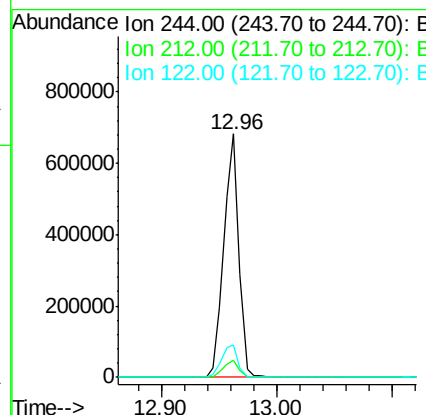
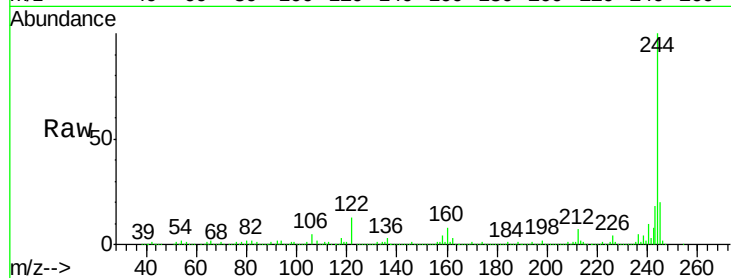




#78
 Terphenyl-d14
 Concen: 83.86 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Instrument :
 BNA_F
 ClientSampleId :
 3915-PA4

Tgt Ion:244 Resp: 617035
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Tgt Ion:264 Resp: 186065
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.1 17.5 26.3

