

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099458.D
 Acq On : 13 Oct 2017 23:57
 Operator : SJ/JU
 Sample : I5819-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3910-SPP3

Quant Time: Oct 14 00:50:29 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	95483	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	364300	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	139901	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	203890	20.00	ng	0.00
75) Chrysene-d12	14.02	240	167187	20.00	ng	0.00
86) Perylene-d12	15.49	264	187521	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	452180	75.39	ng	0.01
7) Phenol-d6	6.49	99	333535	45.08	ng	0.00
23) Nitrobenzene-d5	7.42	82	608530	107.12	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	158159	138.16	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1021505	121.89	ng	0.00
78) Terphenyl-d14	12.96	244	659012	89.64	ng	0.00

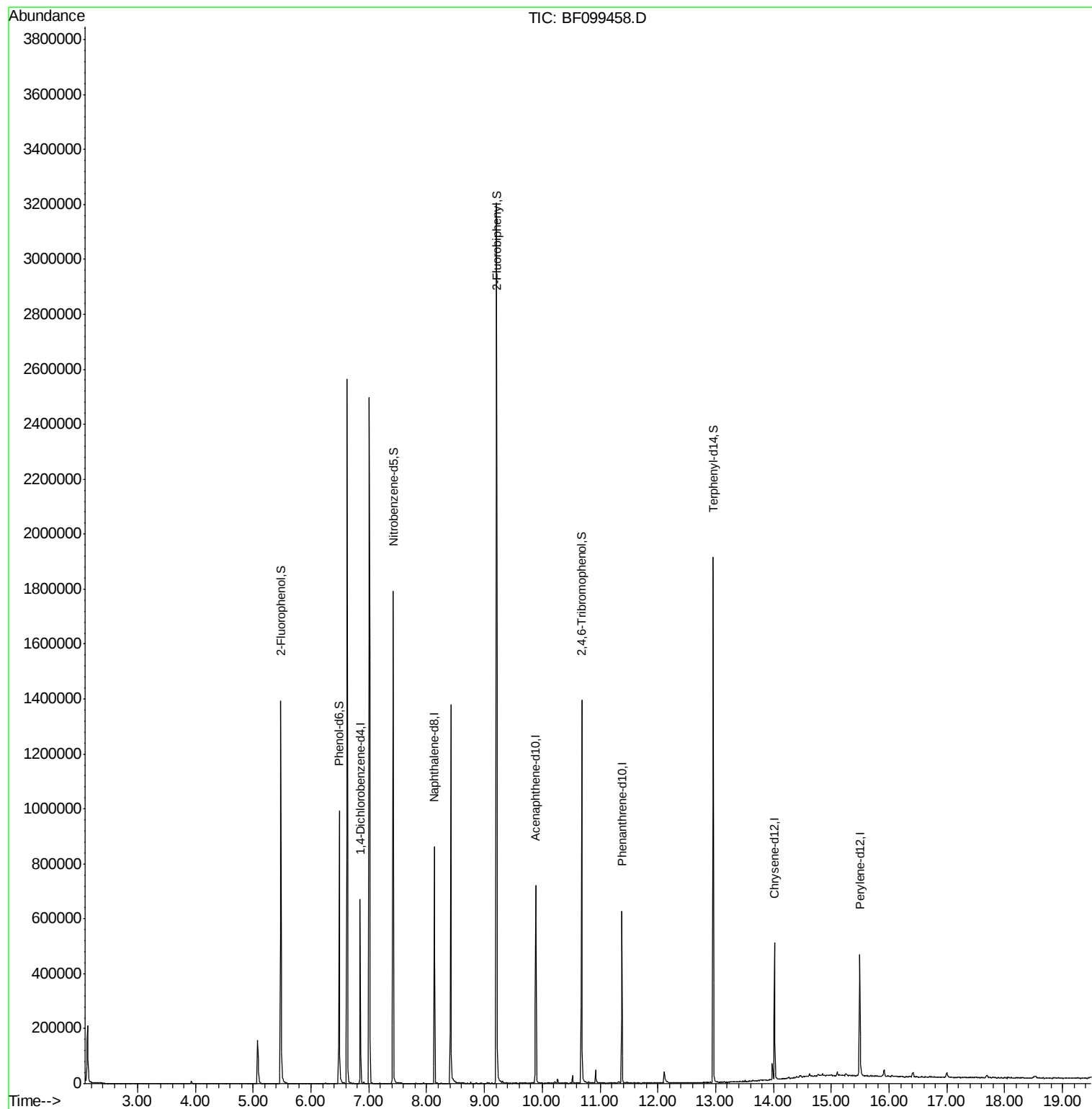
Target Compounds	Qvalue
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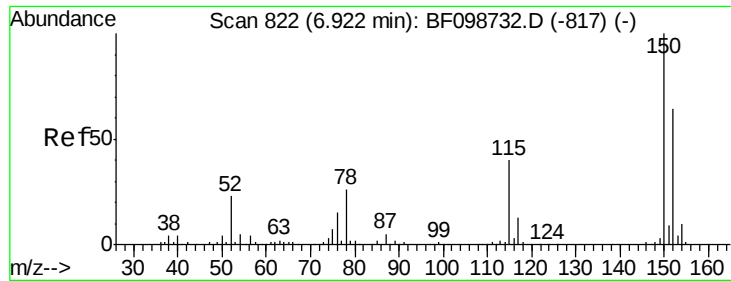
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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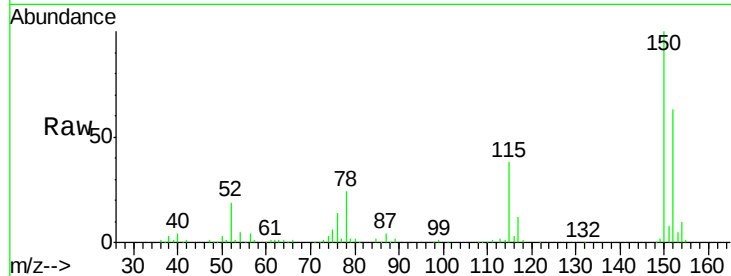


#1

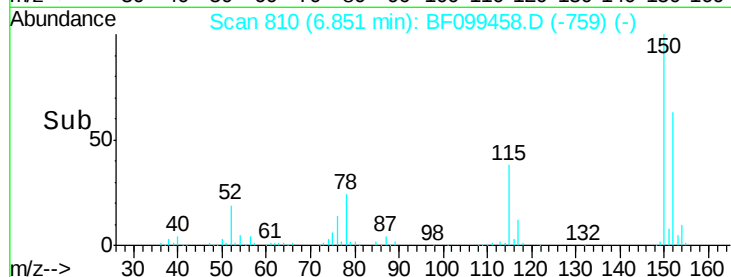
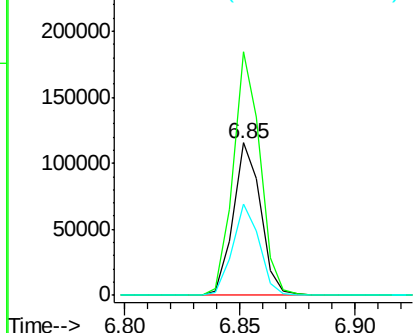
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099458.D
Acq: 13 Oct 2017 23:57

Instrument :
BNA_F
ClientSampleId :
3910-SPP3

Tgt Ion:152 Resp: 95483
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 60.1 50.1 75.1



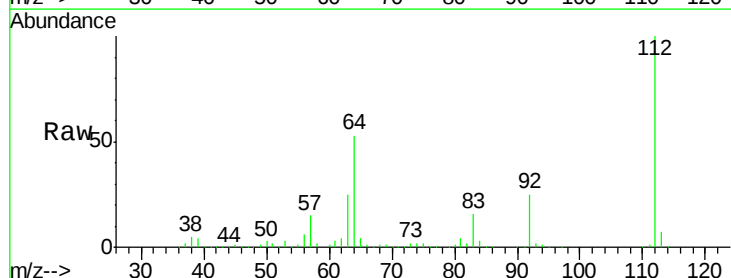
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



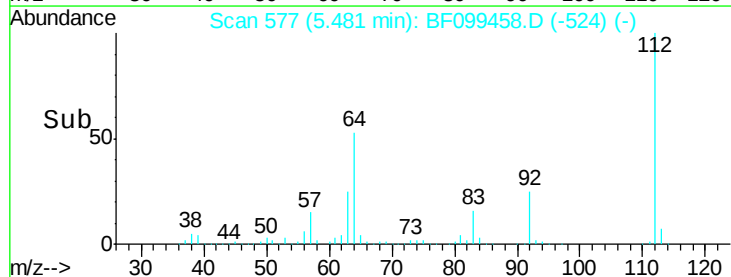
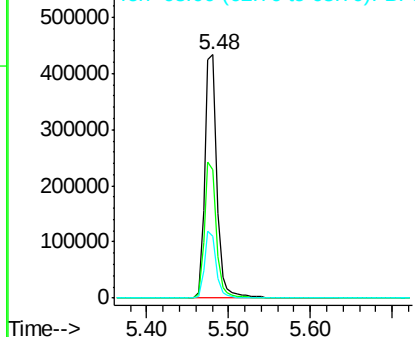
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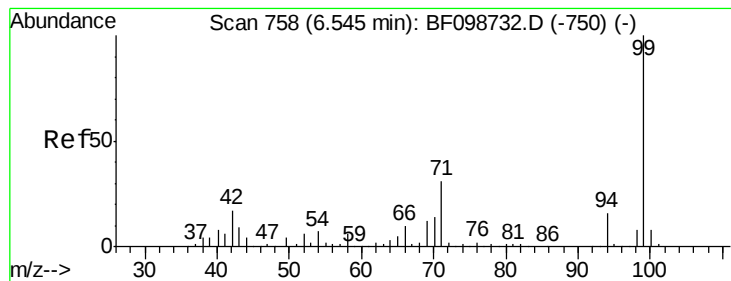
2-Fluorophenol
Concen: 75.39 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099458.D
Acq: 13 Oct 2017 23:57

Tgt Ion:112 Resp: 452180
Ion Ratio Lower Upper
112 100
64 52.7 47.9 71.9
63 25.3 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: 45.08 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099458.D

Acq: 13 Oct 2017 23:57

Instrument :

BNA_F

ClientSampleId :

3910-SPP3

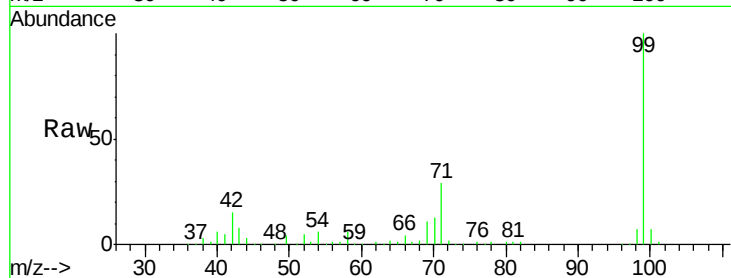
Tgt Ion: 99 Resp: 333535

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

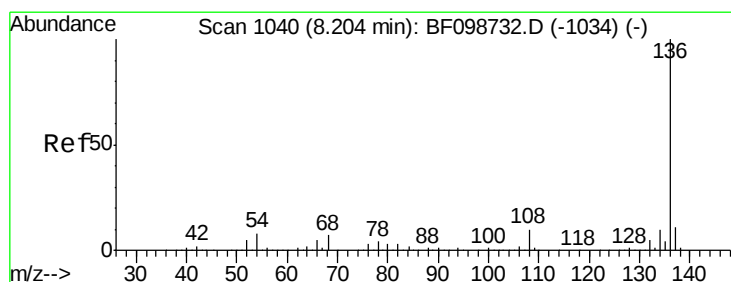
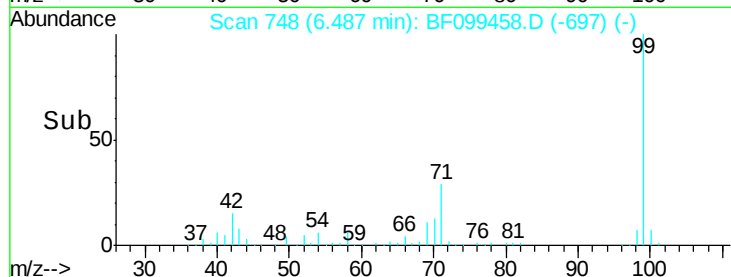
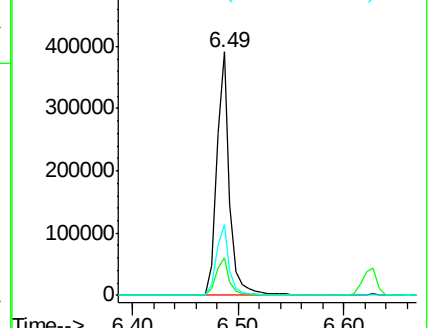
71 29.2 25.4 38.0



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: BF099458.D

Acq: 13 Oct 2017 23:57

Tgt Ion: 136 Resp: 364300

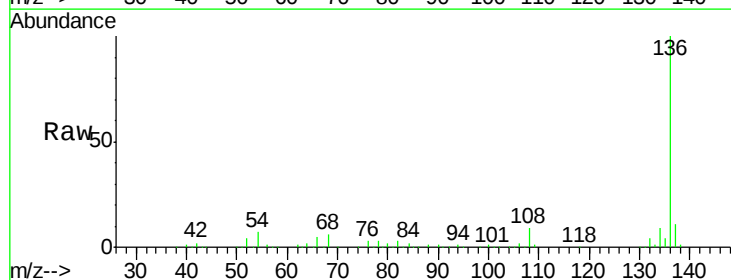
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.5 6.6 9.8

68 5.9 5.0 7.4

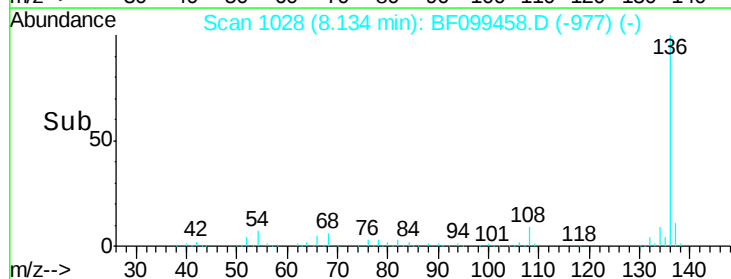
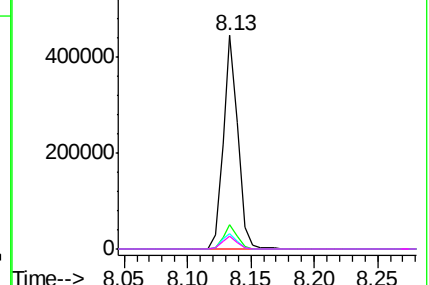


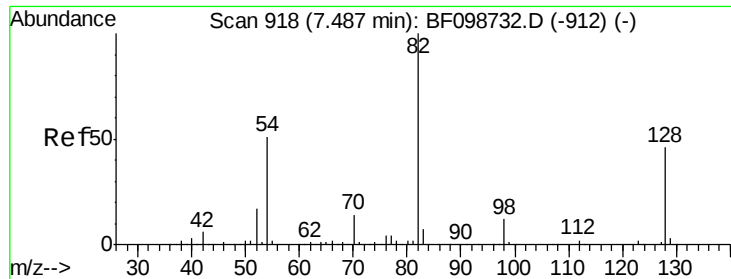
Abundance Ion 136.00 (135.70 to 136.70): E

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

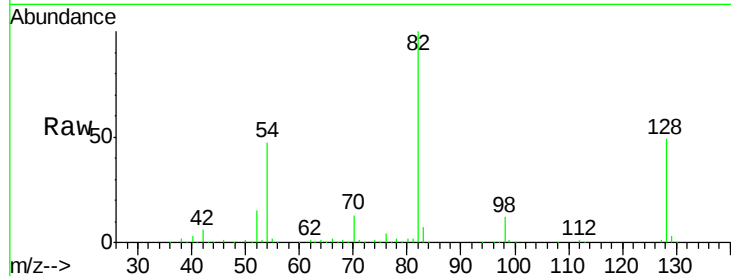




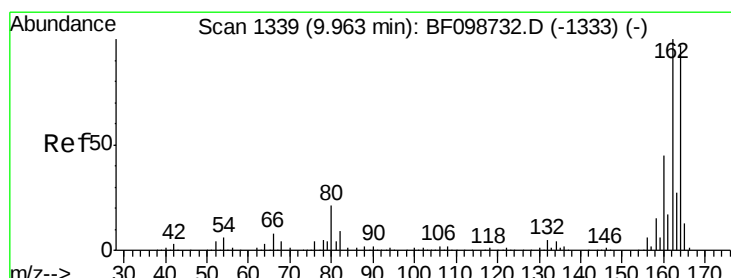
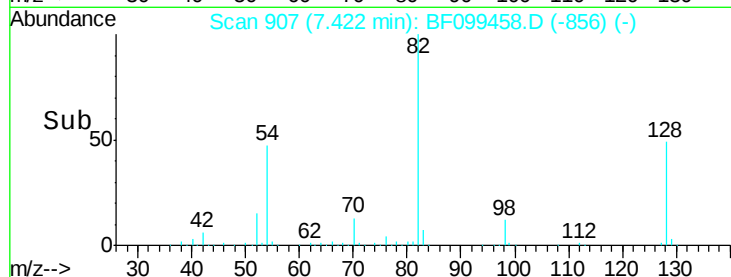
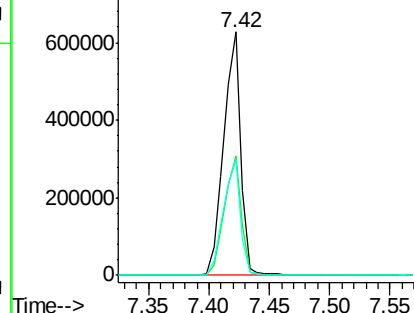
#23
 Nitrobenzene-d5
 Concen: 107.12 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099458.D
 Acq: 13 Oct 2017 23:57

Instrument :
 BNA_F
 ClientSampleId :
 3910-SPP3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	47.4	41.4	62.2

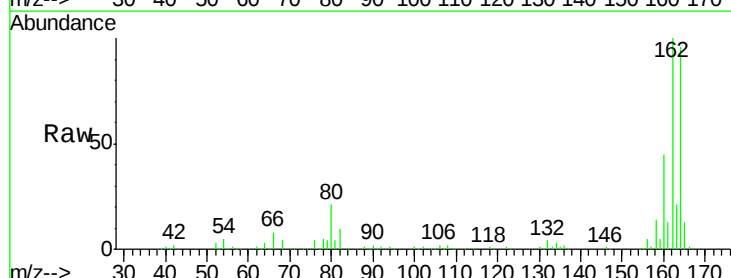


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

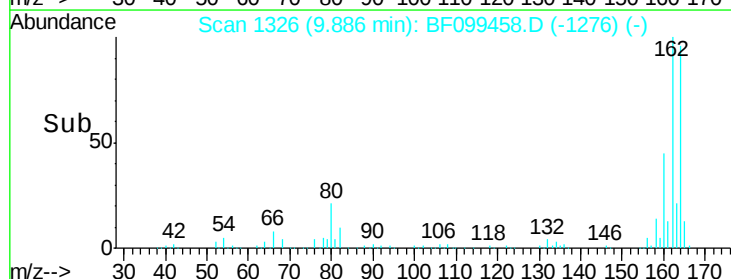
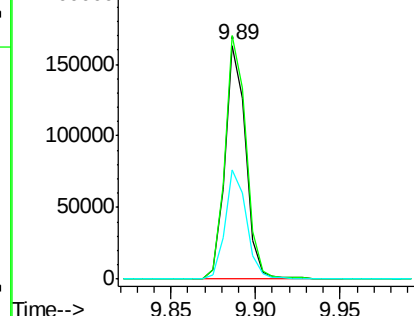


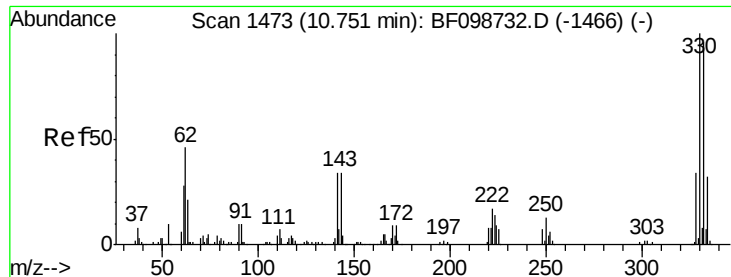
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099458.D
 Acq: 13 Oct 2017 23:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.6	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

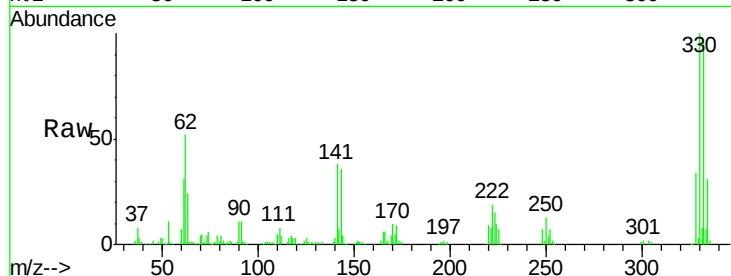




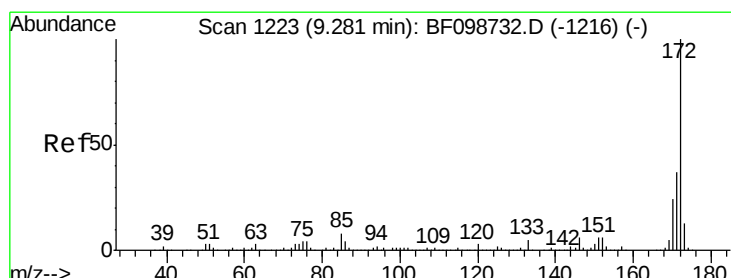
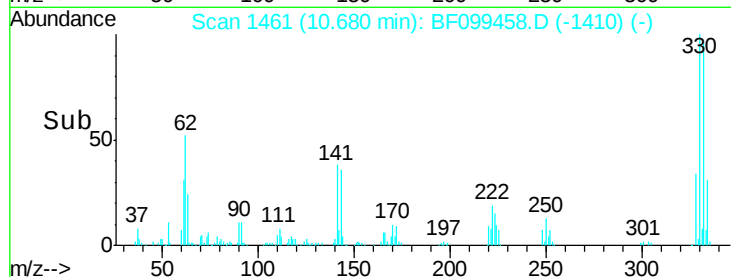
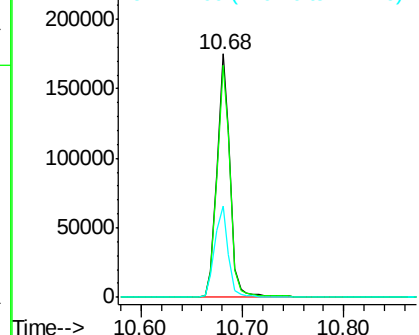
#41
 2,4,6-Tribromophenol
 Concen: 138.16 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099458.D
 Acq: 13 Oct 2017 23:57

Instrument :
 BNA_F
 ClientSampleId :
 3910-SPP3

Tgt Ion:330 Resp: 158159
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 38.8 29.9 44.9

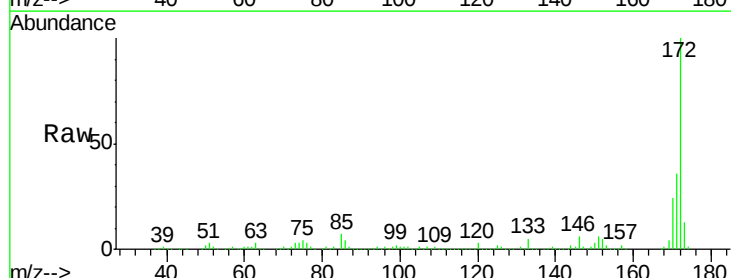


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

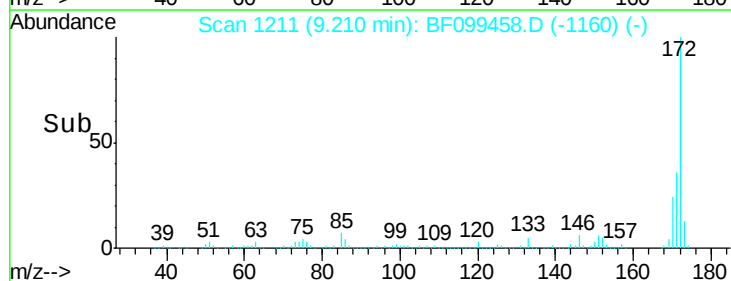
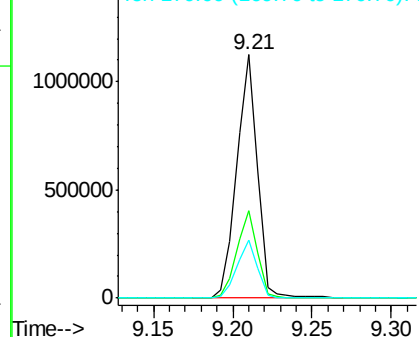


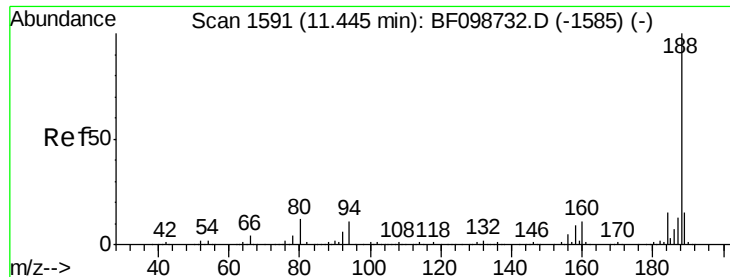
#44
 2-Fluorobiphenyl
 Concen: 121.89 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099458.D
 Acq: 13 Oct 2017 23:57

Tgt Ion:172 Resp: 1021505
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.0 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

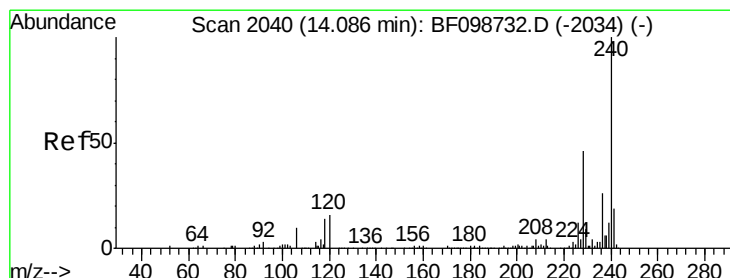
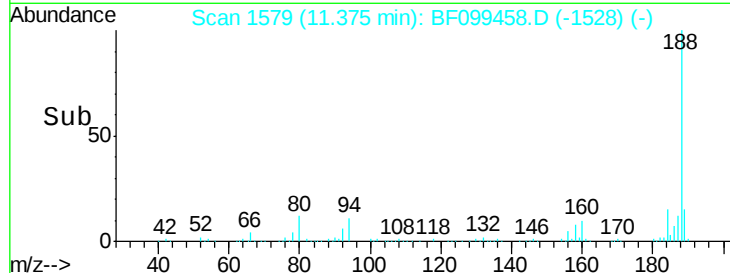
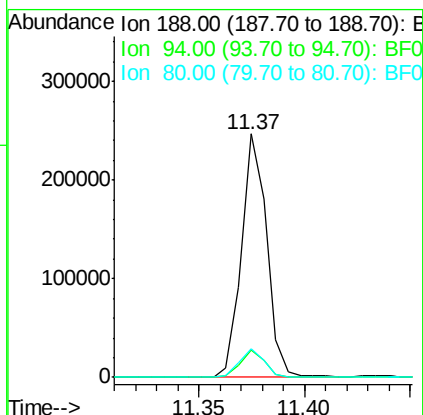
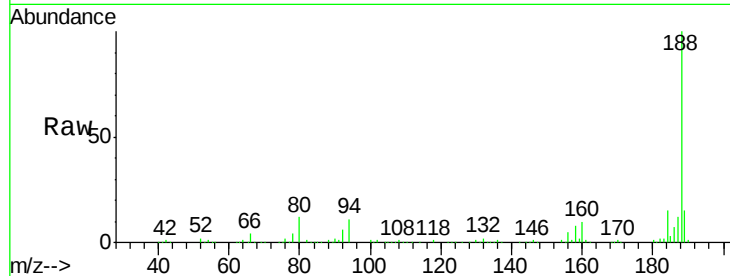




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099458.D
Acq: 13 Oct 2017 23:57

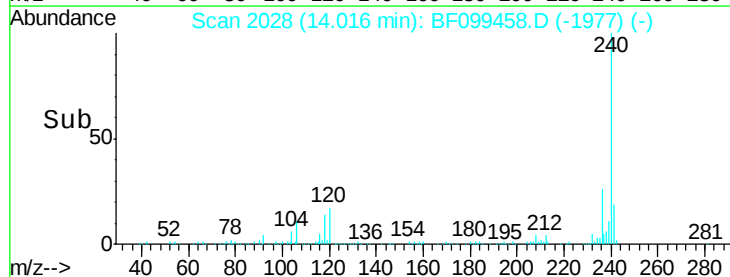
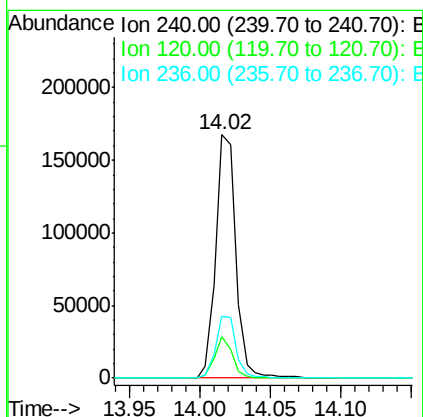
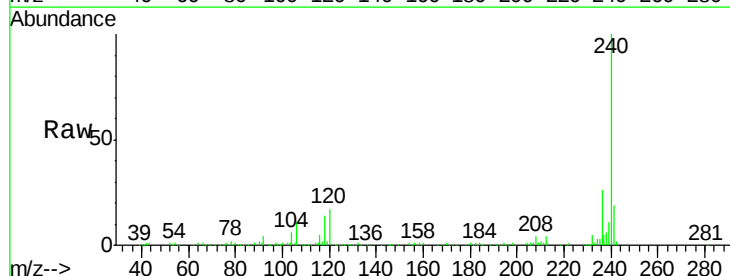
Instrument :
BNA_F
ClientSampleId :
3910-SPP3

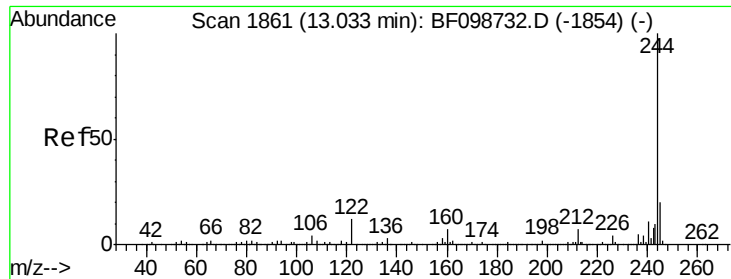
Tgt Ion:188 Resp: 203890
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099458.D
Acq: 13 Oct 2017 23:57

Tgt Ion:240 Resp: 167187
Ion Ratio Lower Upper
240 100
120 17.0 9.5 14.3#
236 25.6 20.7 31.1

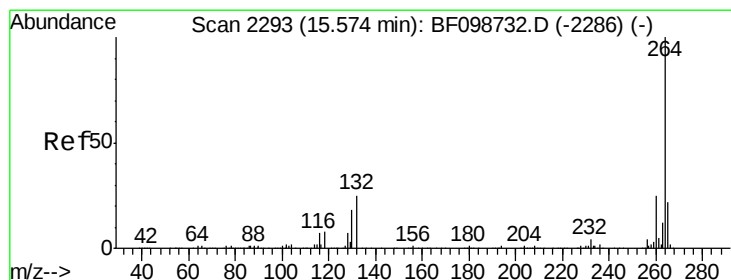
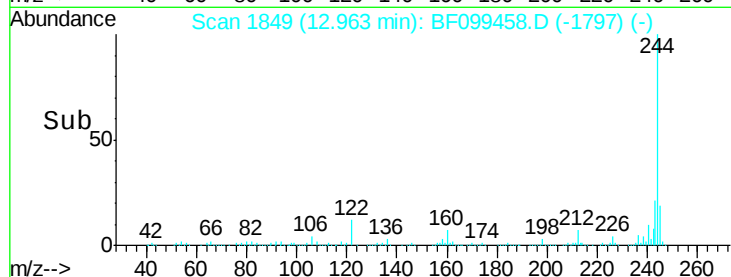
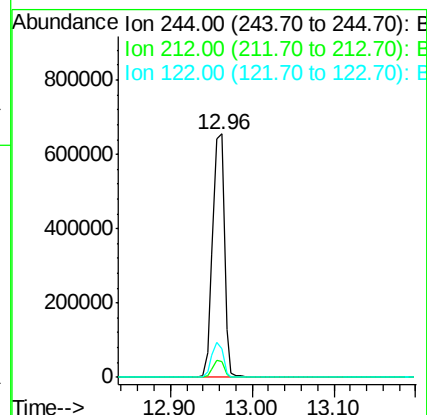
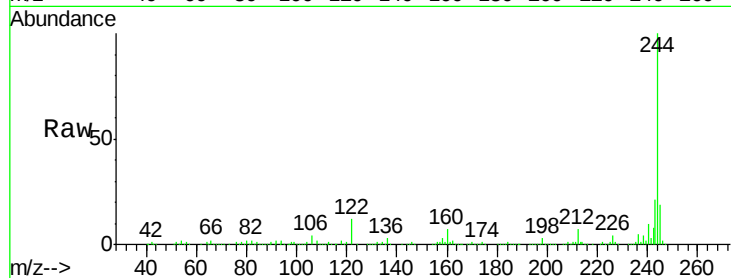




#78
 Terphenyl-d14
 Concen: 89.64 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099458.D
 Acq: 13 Oct 2017 23:57

Instrument :
 BNA_F
 ClientSampleId :
 3910-SPP3

Tgt Ion:244 Resp: 659012
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.8 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: BF099458.D
 Acq: 13 Oct 2017 23:57

Tgt Ion:264 Resp: 187521
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.7 17.5 26.3

