

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099502.D
 Acq On : 15 Oct 2017 3:36
 Operator : SJ/JU
 Sample : I5816-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101117

Quant Time: Oct 15 04:31:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	116815	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	488478	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	218487	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	374230	20.00	ng	0.00
75) Chrysene-d12	14.02	240	224352	20.00	ng	0.00
86) Perylene-d12	15.49	264	207725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	796665	108.57	ng	0.02
7) Phenol-d6	6.49	99	839684	92.76	ng	0.00
23) Nitrobenzene-d5	7.42	82	661342	86.82	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	205114	114.73	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1200564	91.73	ng	0.00
78) Terphenyl-d14	12.96	244	967984	98.12	ng	0.00

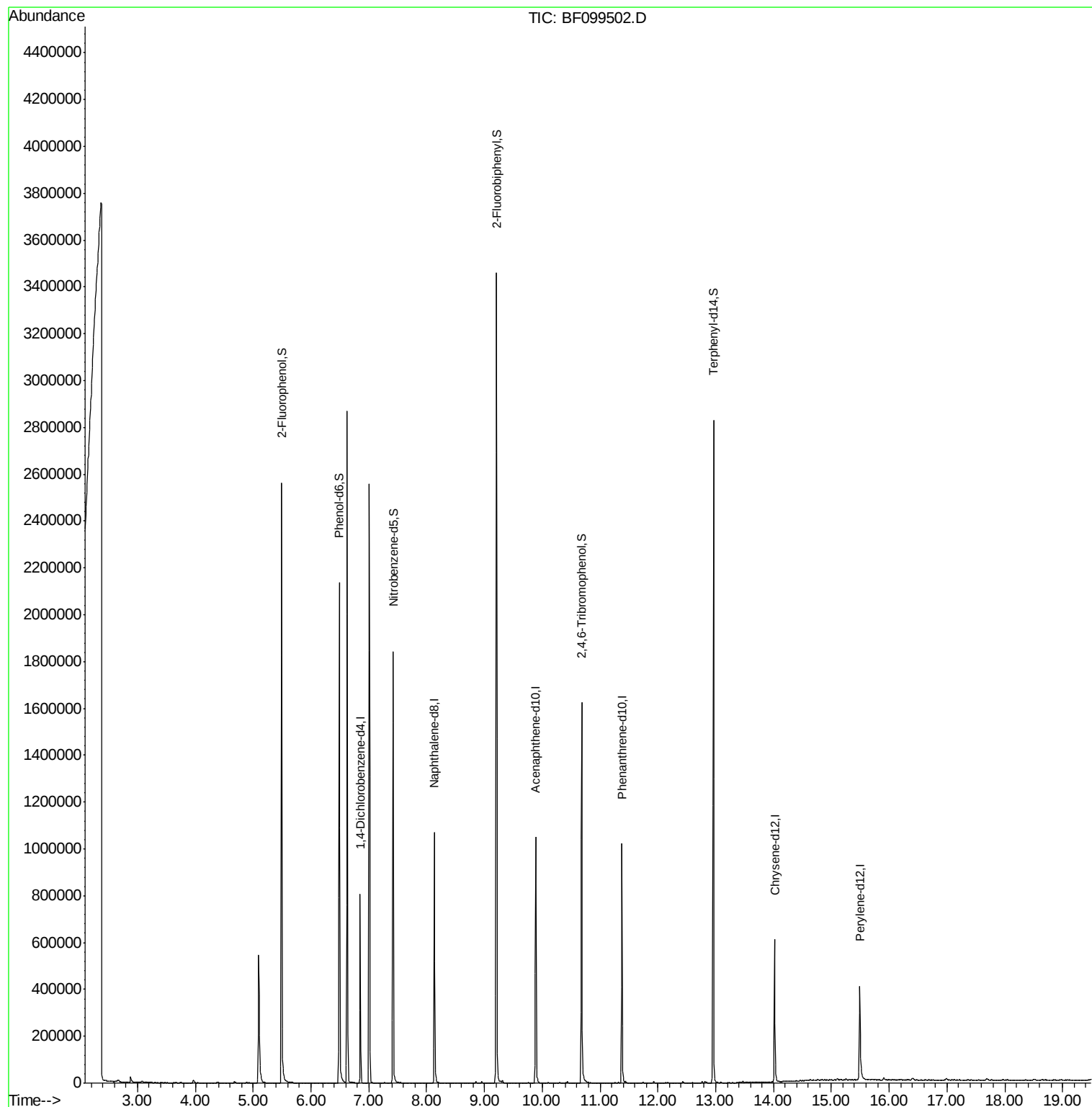
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF099502.D

Acq: 15 Oct 2017 3:36

Instrument :

BNA_F

ClientSampleId :

OR-01-101117

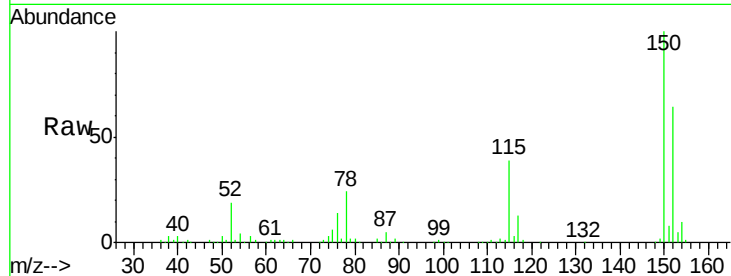
Tgt Ion:152 Resp: 116815

Ion Ratio Lower Upper

152 100

150 155.8 124.6 186.8

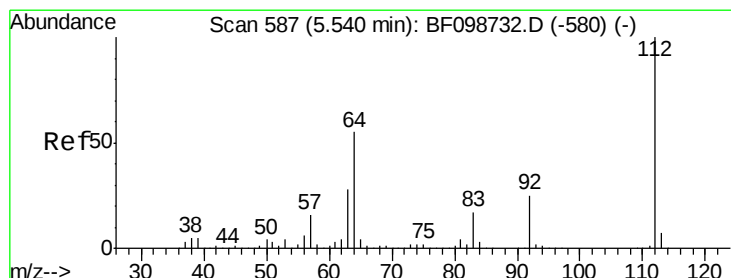
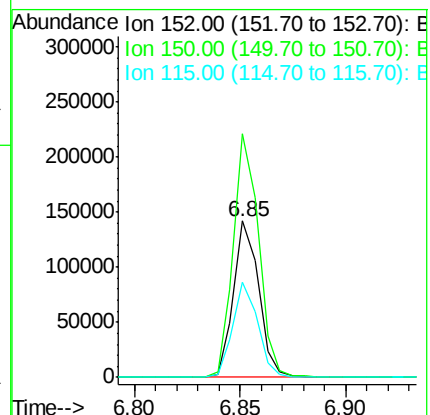
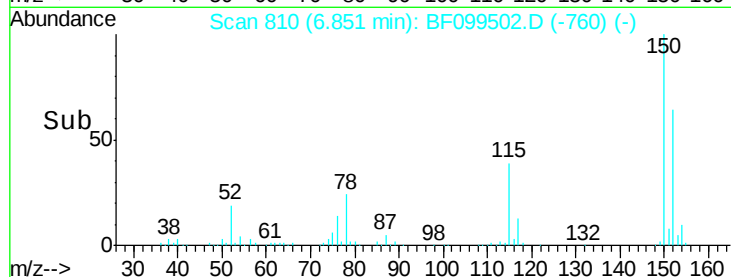
115 60.5 50.1 75.1



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: 108.57 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.02 min

Lab File: BF099502.D

Acq: 15 Oct 2017 3:36

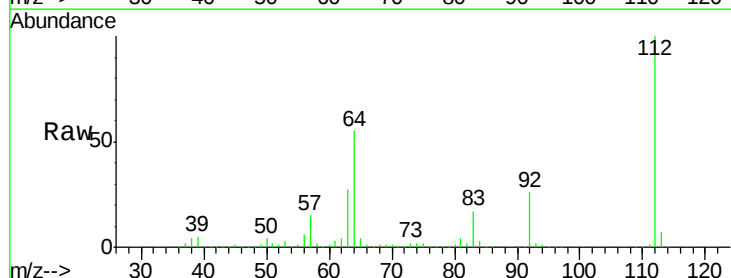
Tgt Ion:112 Resp: 796665

Ion Ratio Lower Upper

112 100

64 54.6 47.9 71.9

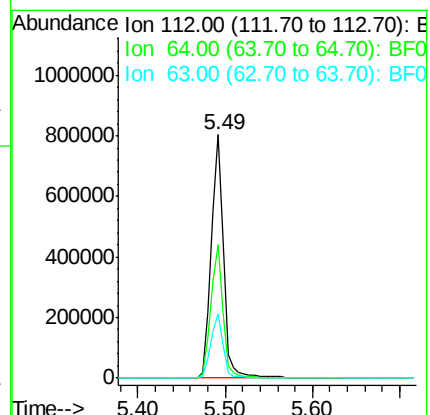
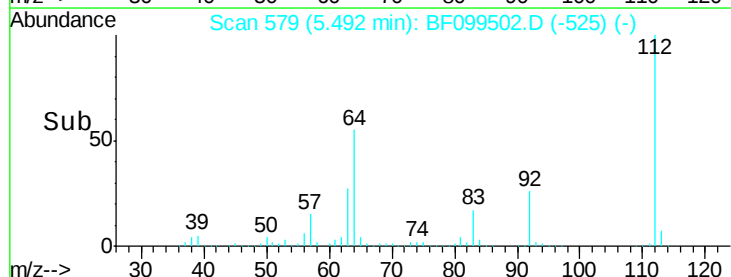
63 26.7 23.7 35.5



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: 92.76 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099502.D

Acq: 15 Oct 2017 3:36

Instrument :

BNA_F

ClientSampleId :

OR-01-101117

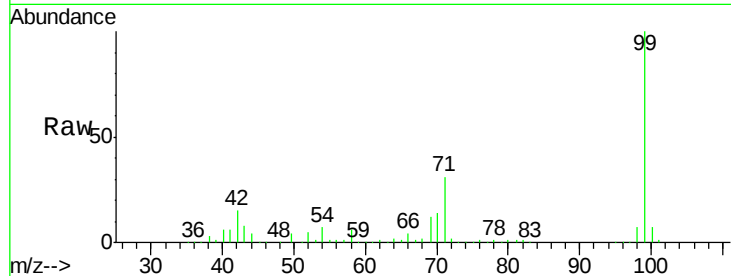
Tgt Ion: 99 Resp: 839684

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

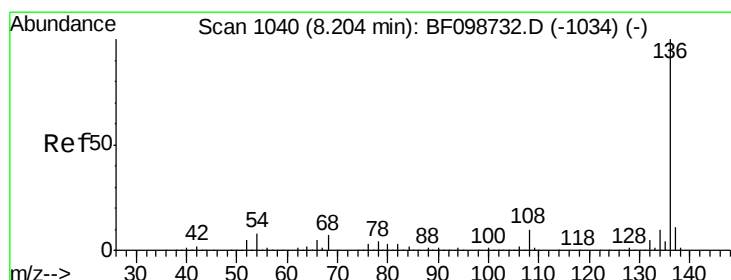
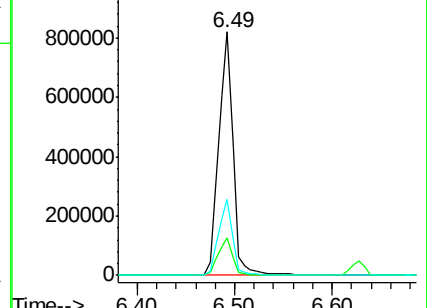
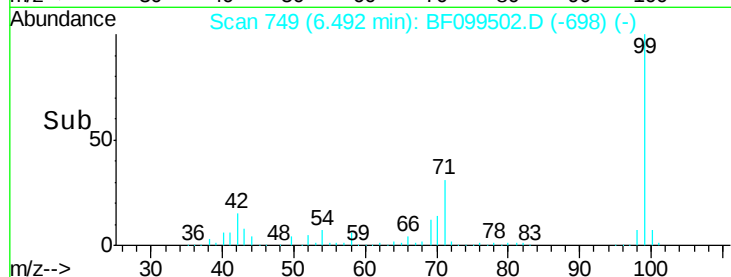
71 31.2 25.4 38.0



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. -0.01 min

Lab File: BF099502.D

Acq: 15 Oct 2017 3:36

Tgt Ion: 136 Resp: 488478

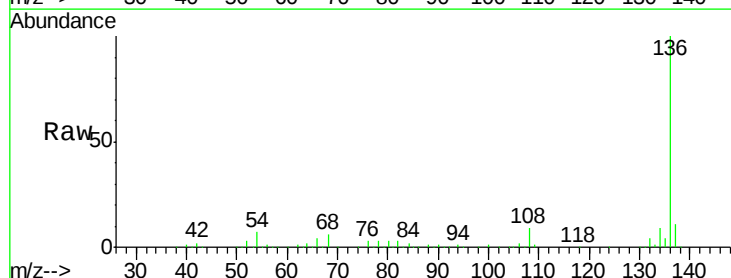
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.8 6.6 9.8

68 5.7 5.0 7.4

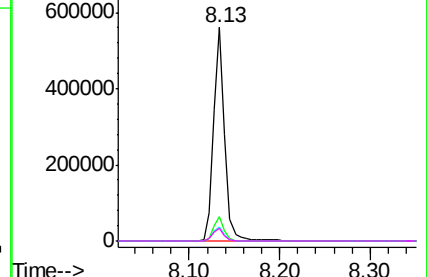
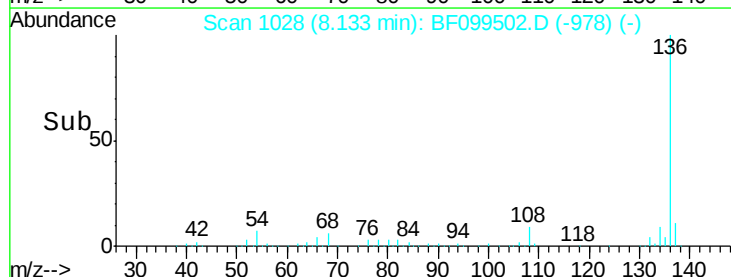


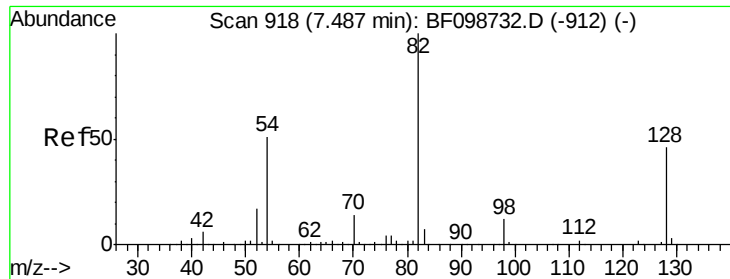
Abundance Ion 136.00 (135.70 to 136.70): E

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

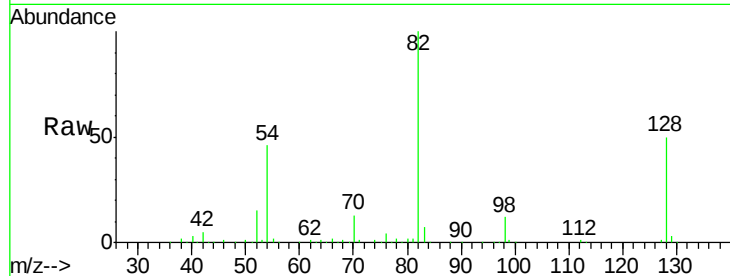




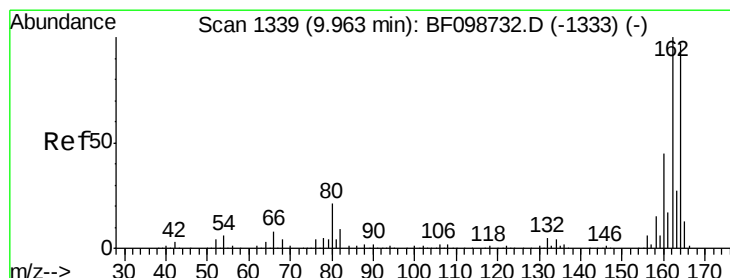
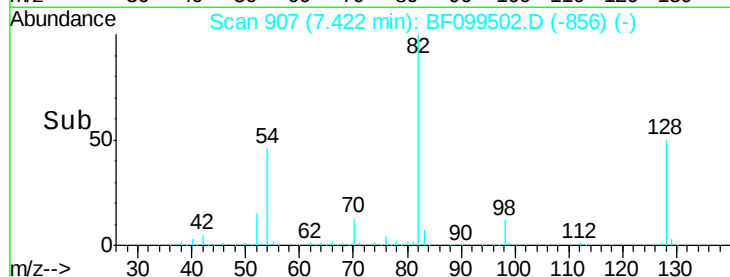
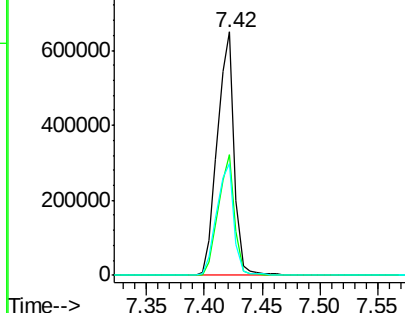
#23
 Nitrobenzene-d5
 Concen: 86.82 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099502.D
 Acq: 15 Oct 2017 3:36

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101117

Tgt Ion: 82 Resp: 661342
 Ion Ratio Lower Upper
 82 100
 128 49.7 36.1 54.1
 54 46.1 41.4 62.2

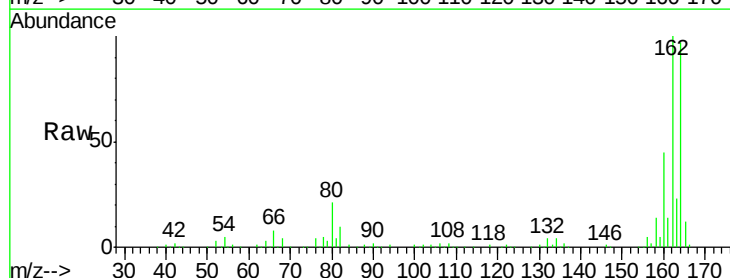


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

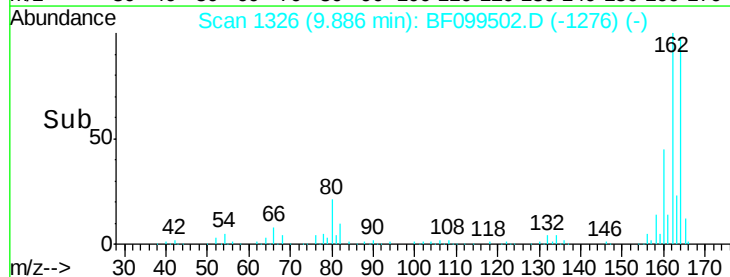
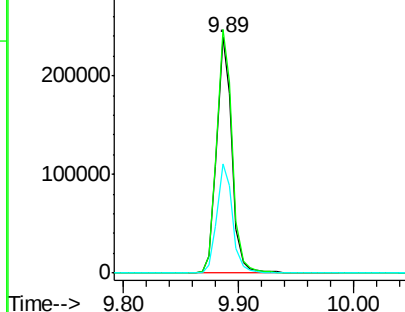


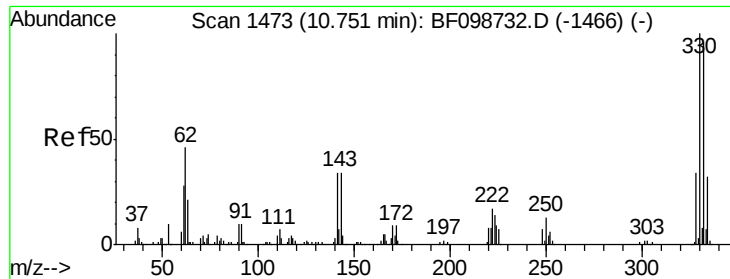
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099502.D
 Acq: 15 Oct 2017 3:36

Tgt Ion: 164 Resp: 218487
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 46.4 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

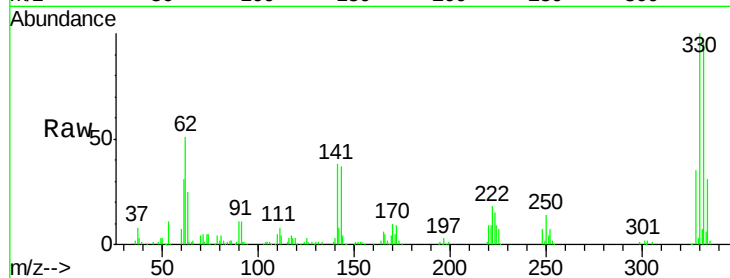




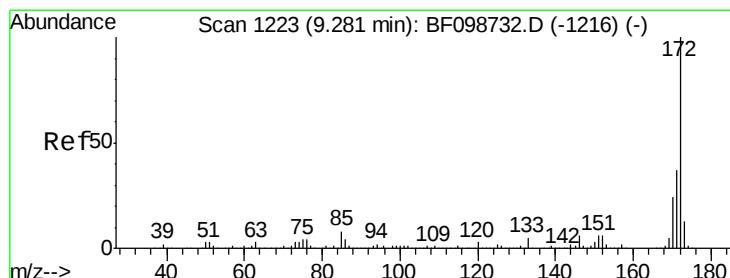
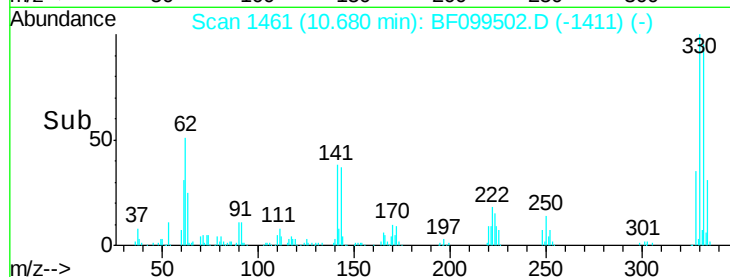
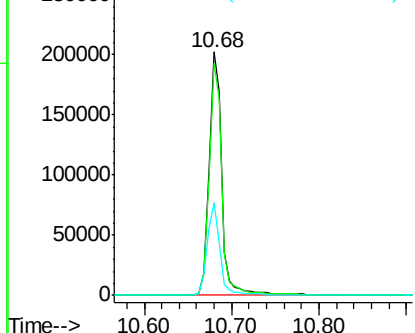
#41
 2,4,6-Tribromophenol
 Concen: 114.73 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF099502.D
 Acq: 15 Oct 2017 3:36

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101117

Tgt Ion:330 Resp: 205114
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 38.6 29.9 44.9

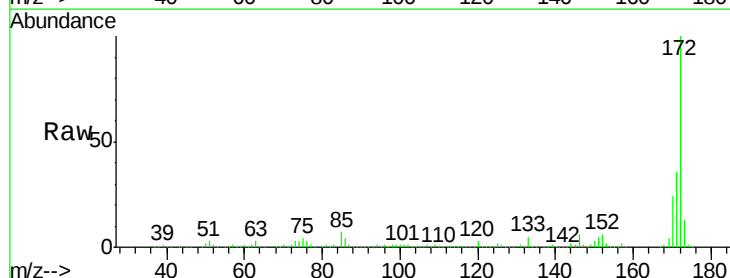


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

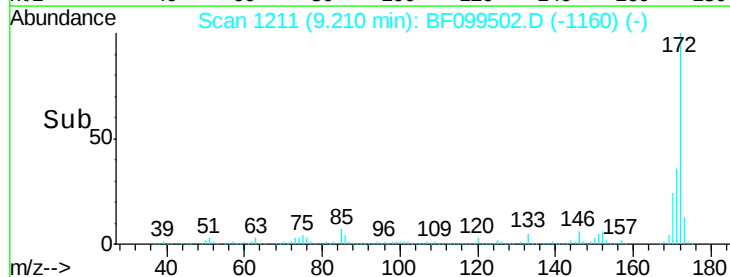
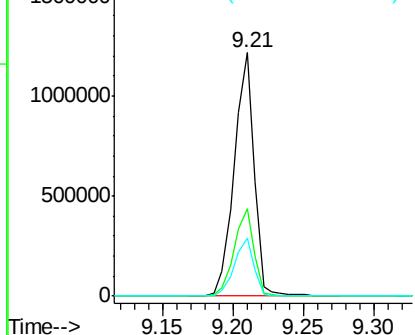


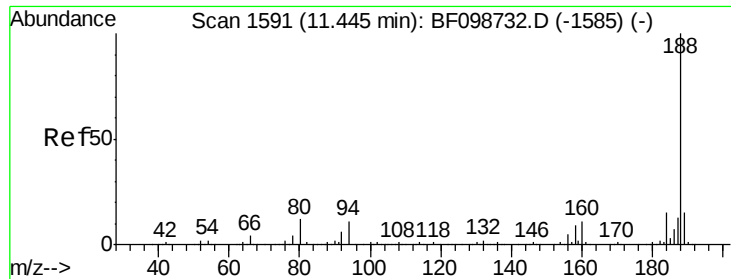
#44
 2-Fluorobiphenyl
 Concen: 91.73 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099502.D
 Acq: 15 Oct 2017 3:36

Tgt Ion:172 Resp: 1200564
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

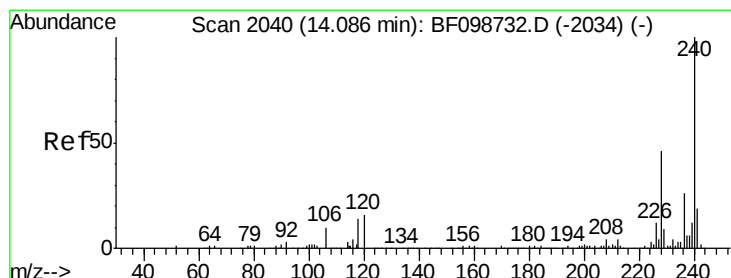
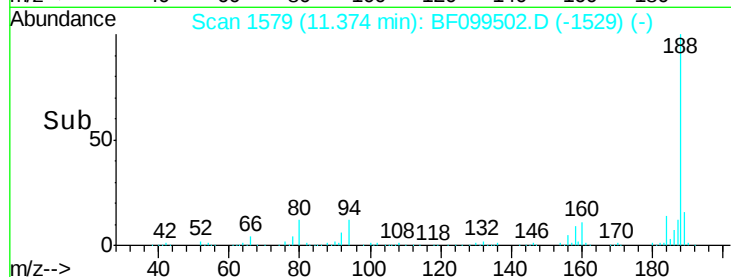
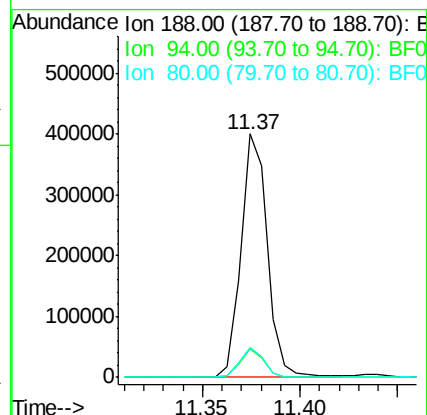
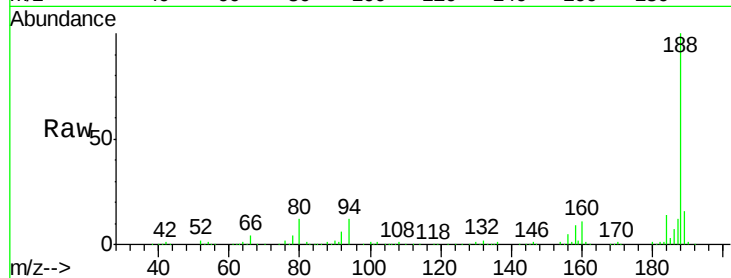




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099502.D
Acq: 15 Oct 2017 3:36

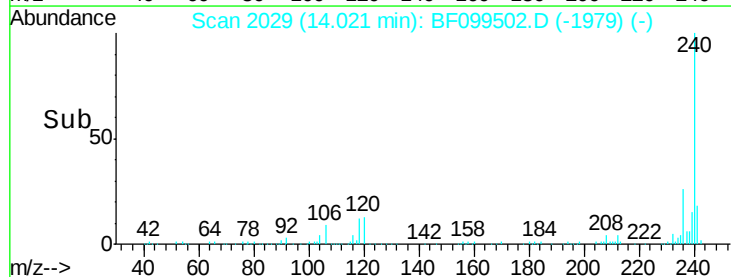
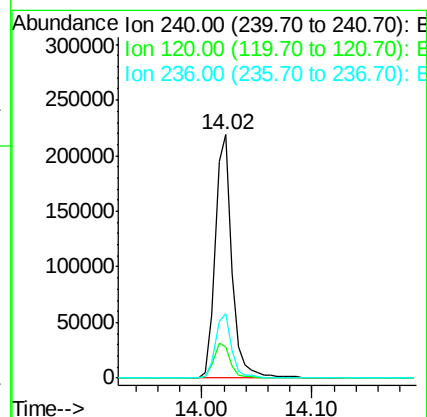
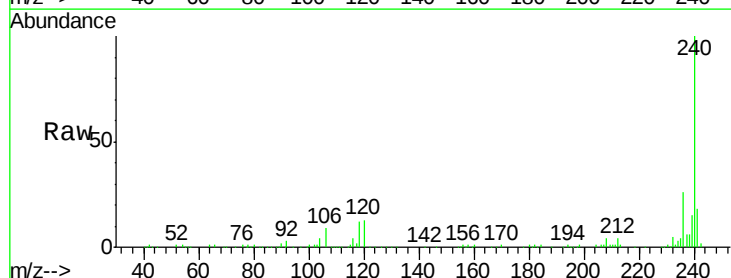
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OR-01-101117

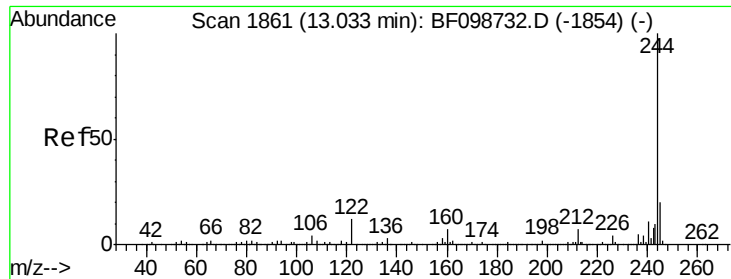
Tgt Ion:188 Resp: 374230
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099502.D
Acq: 15 Oct 2017 3:36

Tgt Ion:240 Resp: 224352
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.3 20.7 31.1

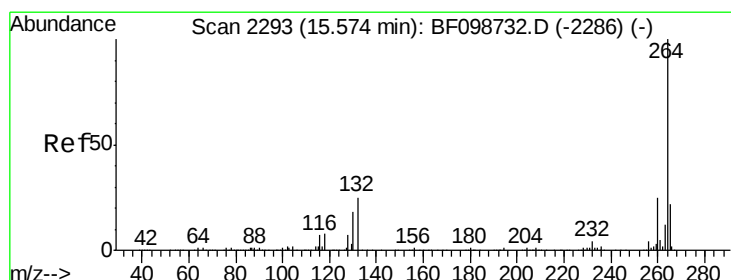
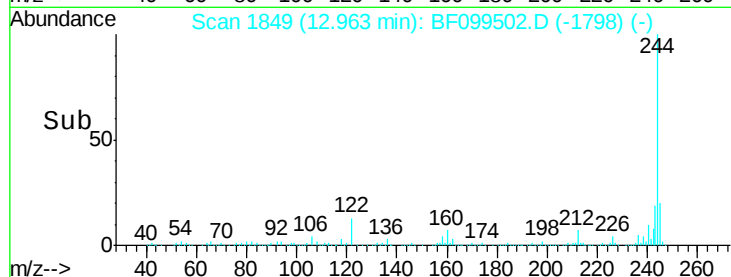
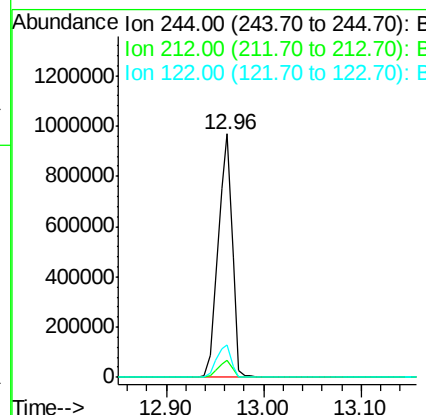
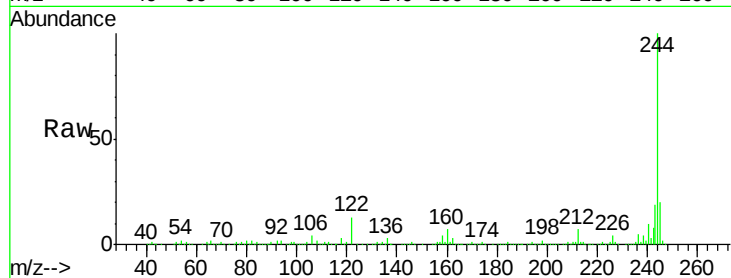




#78
 Terphenyl-d14
 Concen: 98.12 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF099502.D
 Acq: 15 Oct 2017 3:36

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101117

Tgt Ion:244 Resp: 967984
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF099502.D
 Acq: 15 Oct 2017 3:36

Tgt Ion:264 Resp: 207725
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.1 17.5 26.3

