

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099501.D
 Acq On : 15 Oct 2017 3:08
 Operator : SJ/JU
 Sample : PB103194TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103194TB

Quant Time: Oct 15 04:30:01 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	105826	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	443426	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	198229	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	340365	20.00	ng	0.00
75) Chrysene-d12	14.02	240	194921	20.00	ng	0.00
86) Perylene-d12	15.49	264	180872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	777941	117.02	ng	0.01
7) Phenol-d6	6.49	99	919228	112.09	ng	0.00
23) Nitrobenzene-d5	7.42	82	563741	81.53	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	157520	97.11	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1052860	88.67	ng	0.00
78) Terphenyl-d14	12.96	244	828534	96.67	ng	0.00

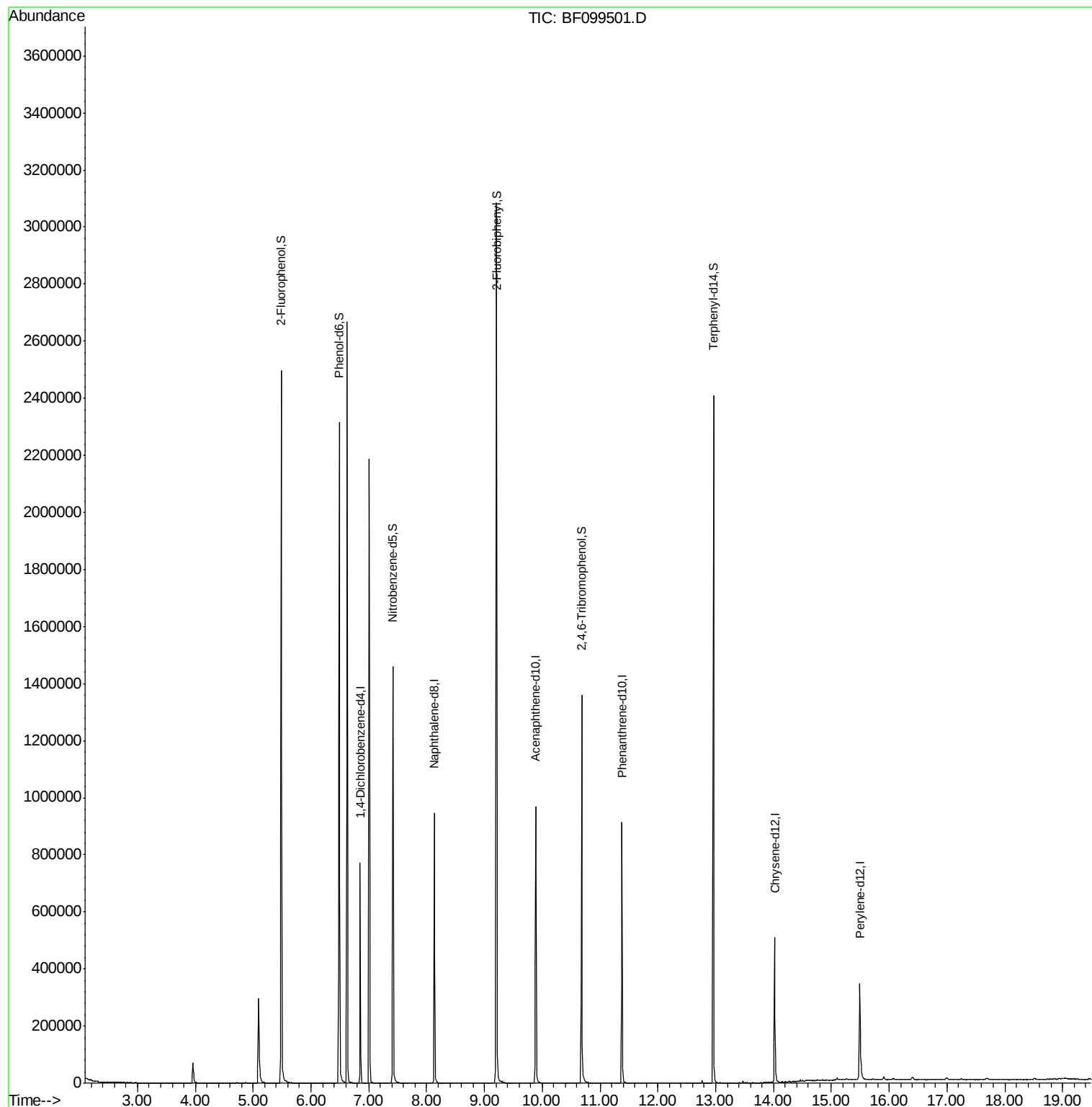
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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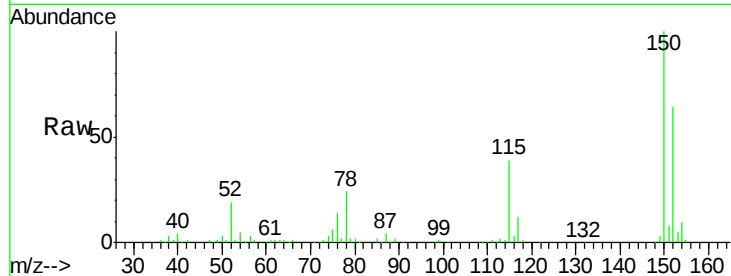




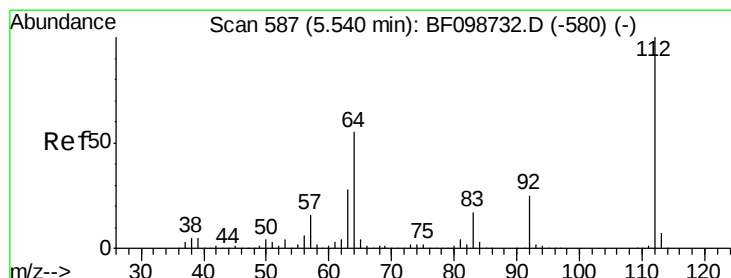
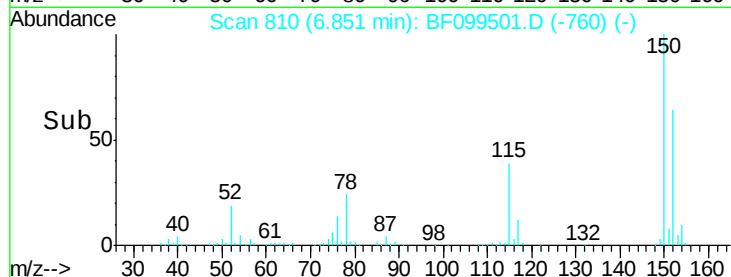
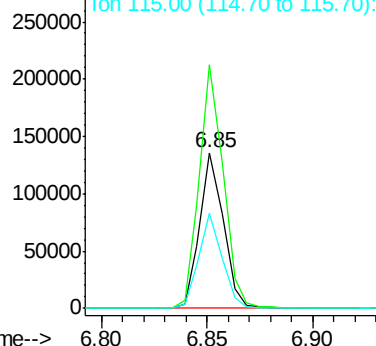
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF099501.D
 Acq: 15 Oct 2017 3:08

Instrument :
 BNA_F
 ClientSampleId :
 PB103194TB

Tgt Ion:152 Resp: 105826
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 60.9 50.1 75.1

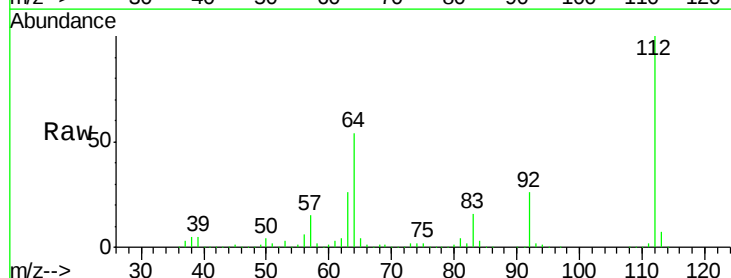


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

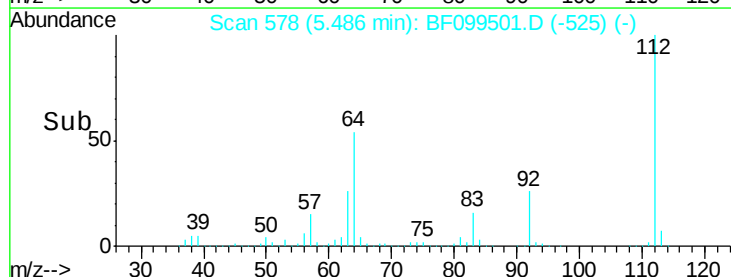
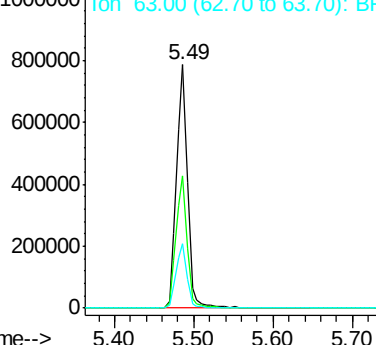


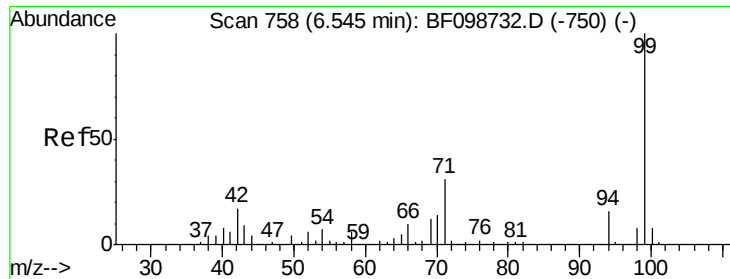
#5
 2-Fluorophenol
 Concen: 117.02 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099501.D
 Acq: 15 Oct 2017 3:08

Tgt Ion:112 Resp: 777941
 Ion Ratio Lower Upper
 112 100
 64 54.1 47.9 71.9
 63 26.2 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: 112.09 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF099501.D

Acq: 15 Oct 2017 3:08

Instrument :

BNA_F

ClientSampleId :

PB103194TB

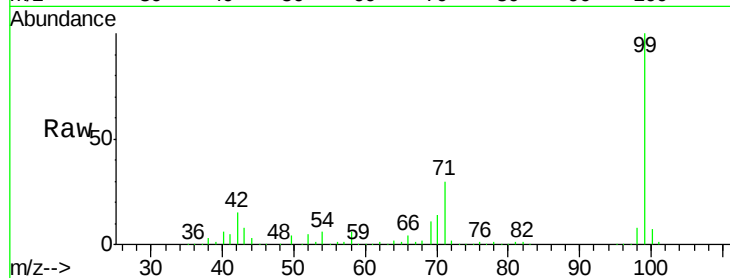
Tgt Ion: 99 Resp: 919228

Ion Ratio Lower Upper

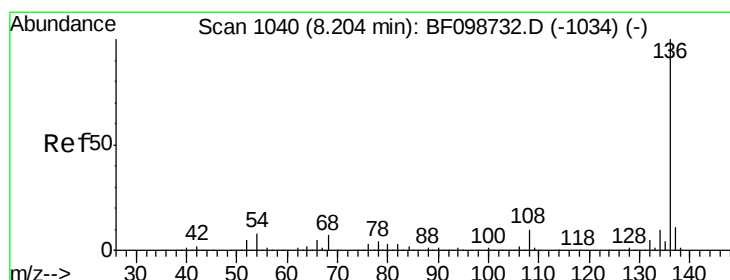
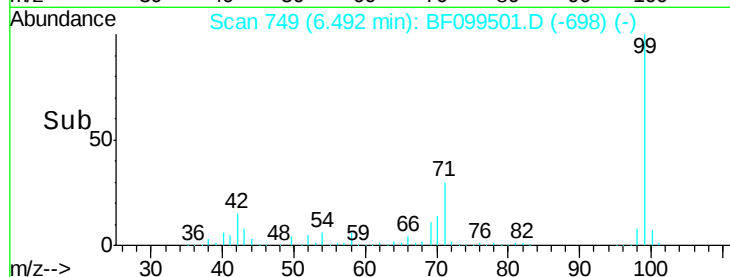
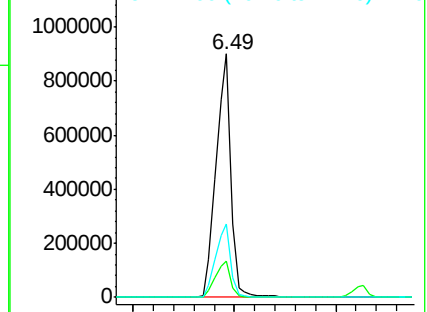
99 100

42 14.7 14.5 21.7

71 30.3 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: BF099501.D

Acq: 15 Oct 2017 3:08

Tgt Ion: 136 Resp: 443426

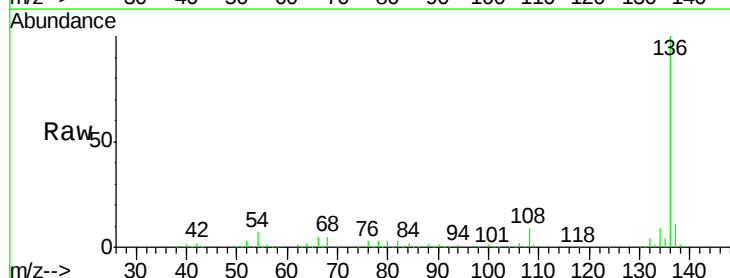
Ion Ratio Lower Upper

136 100

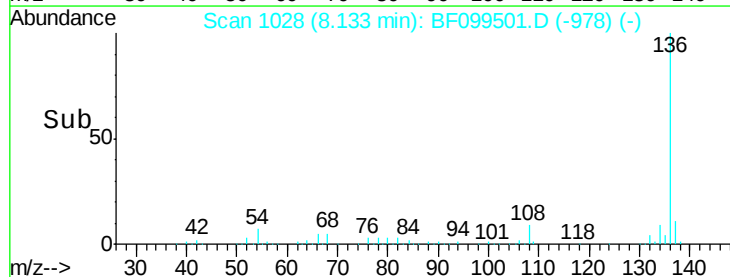
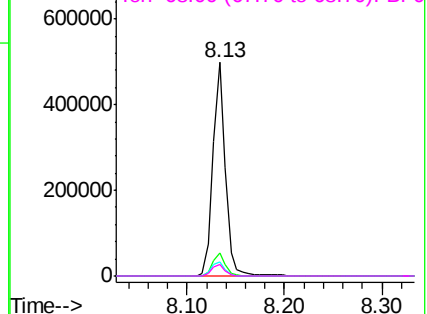
137 10.7 8.9 13.3

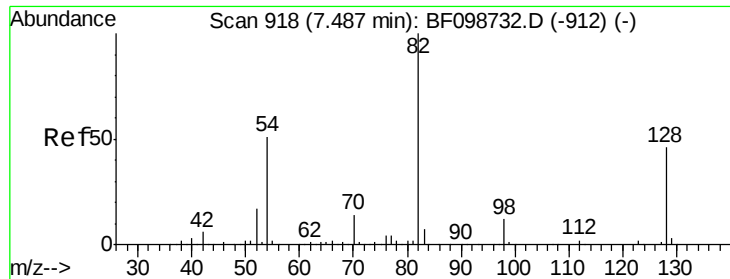
54 6.9 6.6 9.8

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

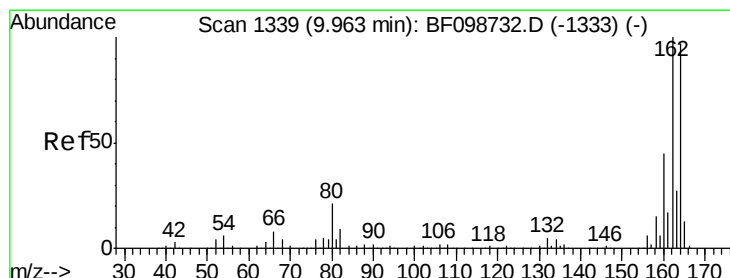
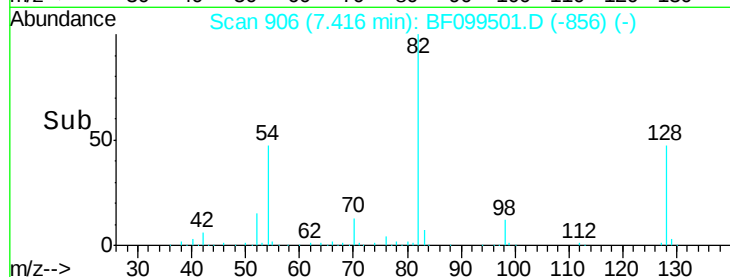
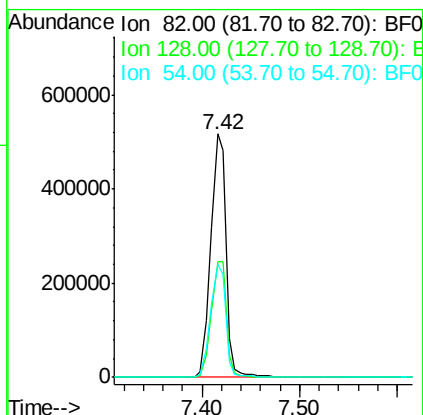
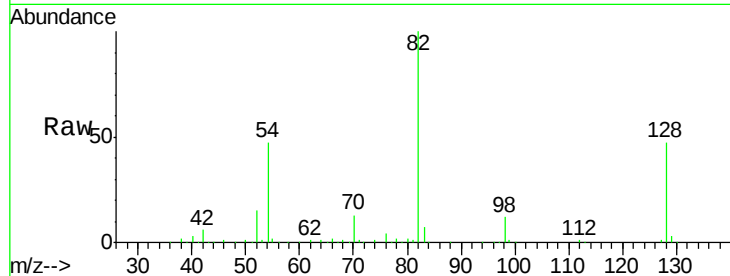




#23
 Nitrobenzene-d5
 Concen: 81.53 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099501.D
 Acq: 15 Oct 2017 3:08

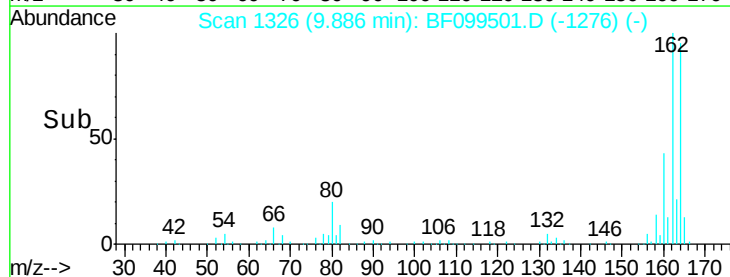
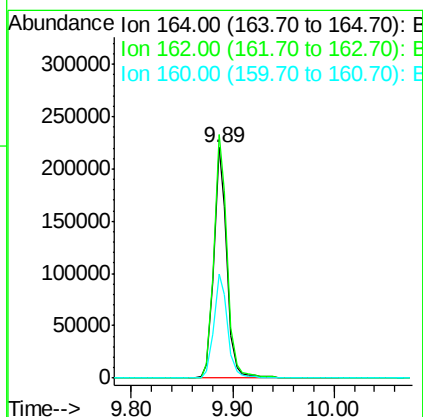
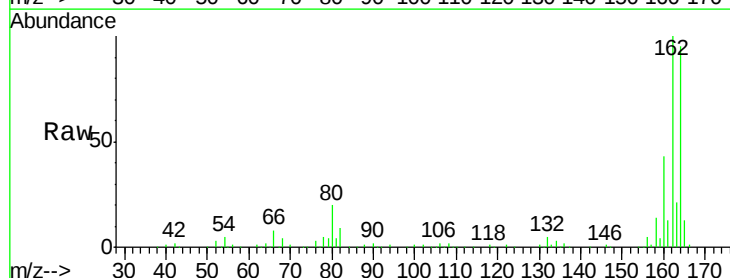
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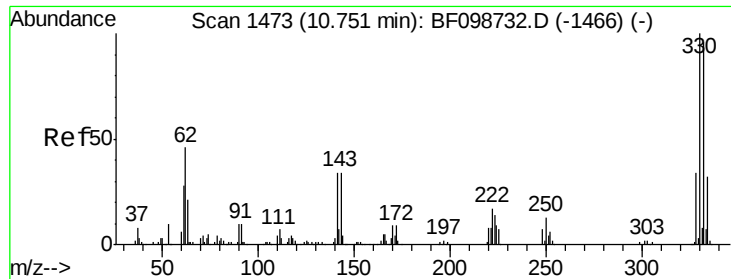
Tgt Ion: 82 Resp: 563741
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 46.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099501.D
 Acq: 15 Oct 2017 3:08

Tgt Ion: 164 Resp: 198229
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 45.1 38.3 57.5

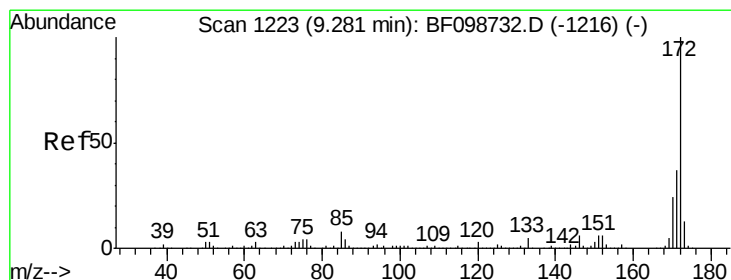
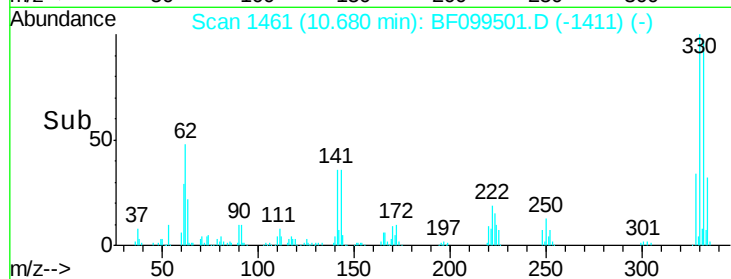
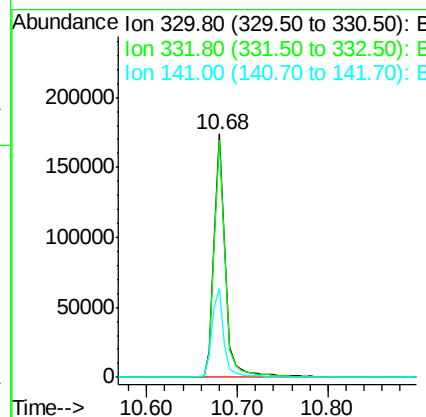
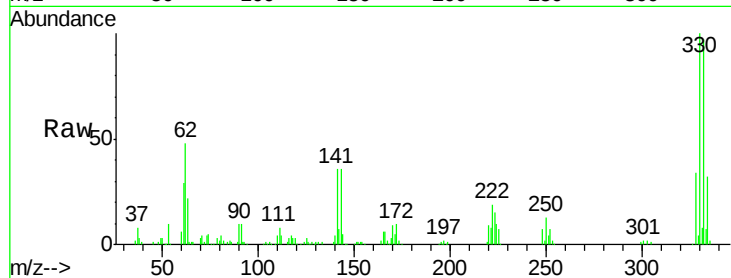




#41
 2,4,6-Tribromophenol
 Concen: 97.11 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF099501.D
 Acq: 15 Oct 2017 3:08

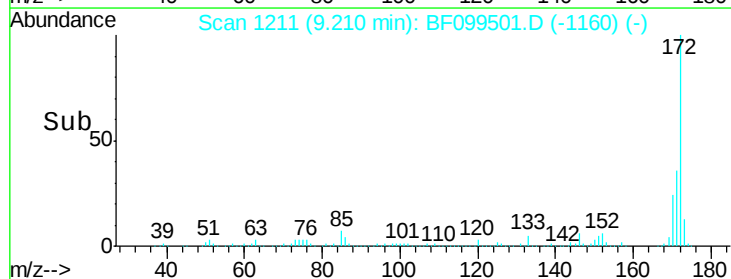
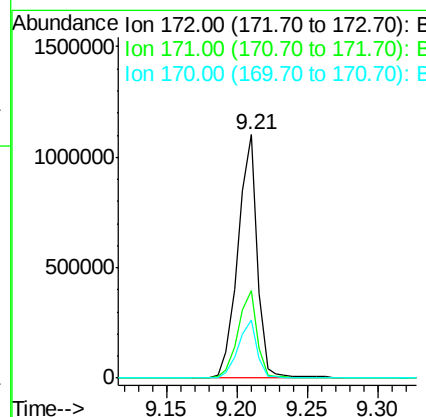
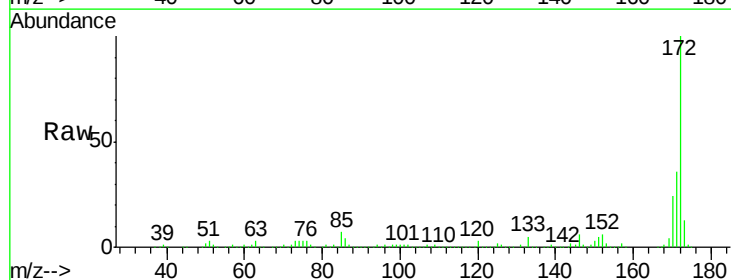
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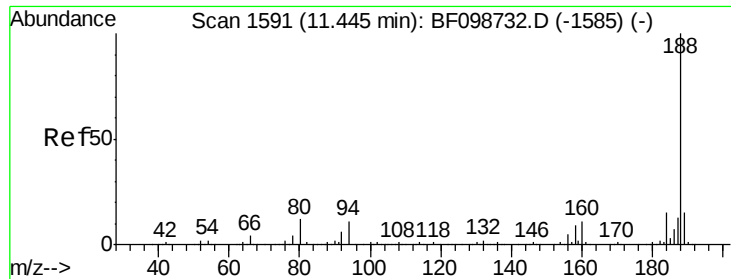
Tgt Ion:330 Resp: 157520
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 38.9 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 88.67 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099501.D
 Acq: 15 Oct 2017 3:08

Tgt Ion:172 Resp: 1052860
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.6 19.6 29.4

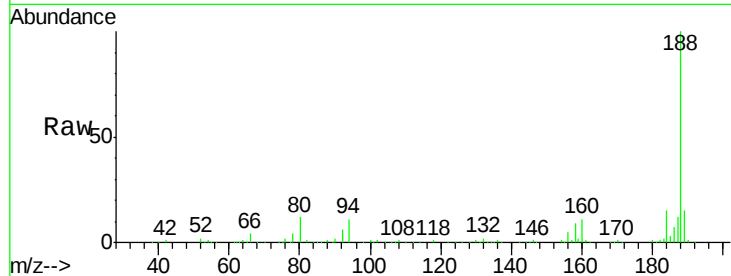




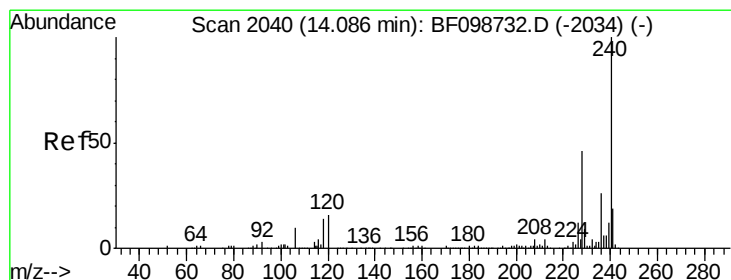
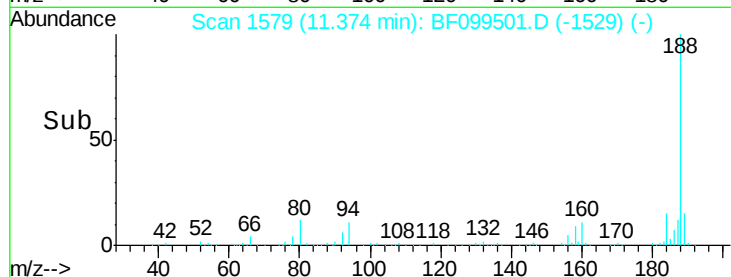
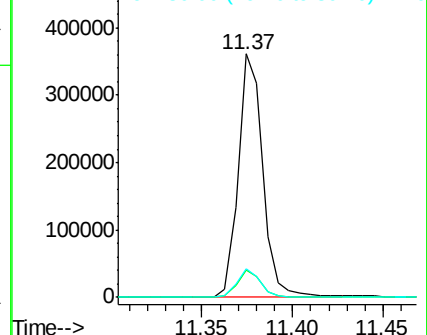
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099501.D
Acq: 15 Oct 2017 3:08

Instrument :
BNA_F
ClientSampleId :
PB103194TB

Tgt Ion:188 Resp: 340365
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.9 9.2 13.8

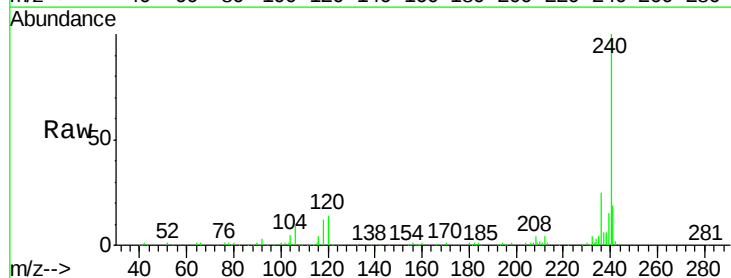


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

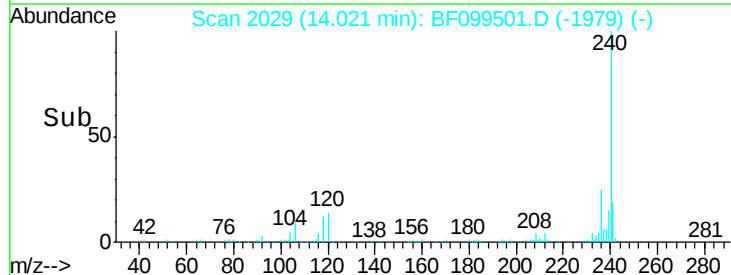
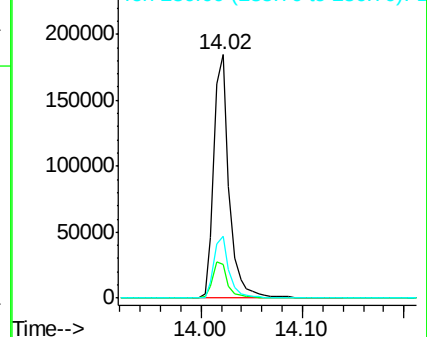


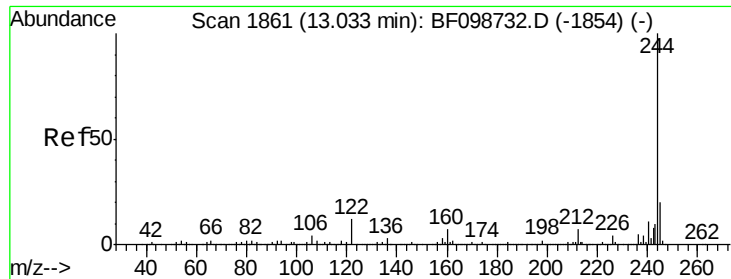
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099501.D
Acq: 15 Oct 2017 3:08

Tgt Ion:240 Resp: 194921
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

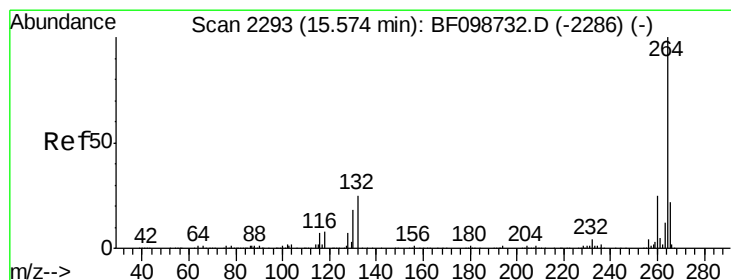
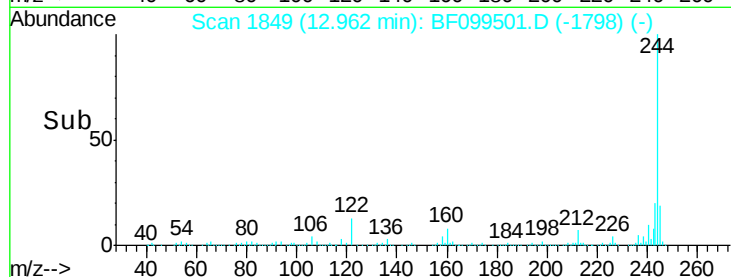
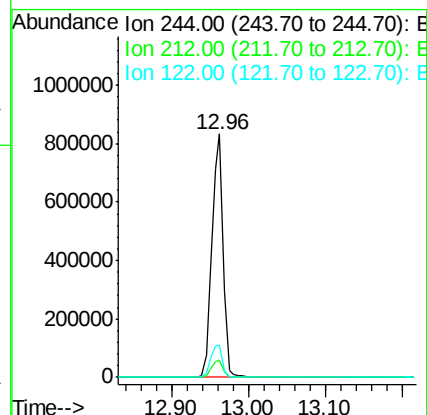
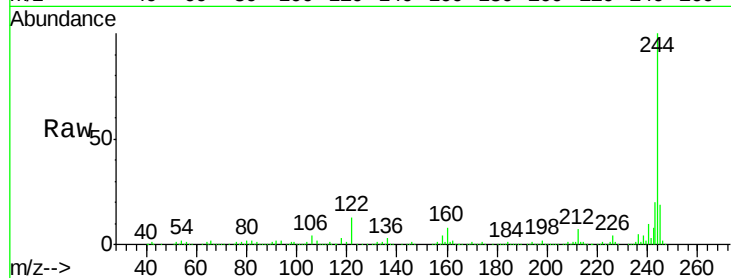




#78
 Terphenyl-d14
 Concen: 96.67 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF099501.D
 Acq: 15 Oct 2017 3:08

Instrument :
 BNA_F
 ClientSampleID :
 PB103194TB

Tgt Ion:244 Resp: 828534
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.3 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: BF099501.D
 Acq: 15 Oct 2017 3:08

Tgt Ion:264 Resp: 180872
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 17.5 26.3

