

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099454.D
 Acq On : 13 Oct 2017 22:05
 Operator : SJ/JU
 Sample : I5819-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3906-PP4

Quant Time: Oct 13 23:44:39 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	99285	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	387017	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	154241	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	224315	20.00	ng	0.00
75) Chrysene-d12	14.02	240	170026	20.00	ng	0.00
86) Perylene-d12	15.49	264	194130	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	446882	71.65	ng	0.00
7) Phenol-d6	6.49	99	328695	42.72	ng	0.00
23) Nitrobenzene-d5	7.42	82	628072	104.07	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	170274	134.91	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1060297	114.76	ng	0.00
78) Terphenyl-d14	12.96	244	676067	90.43	ng	0.00

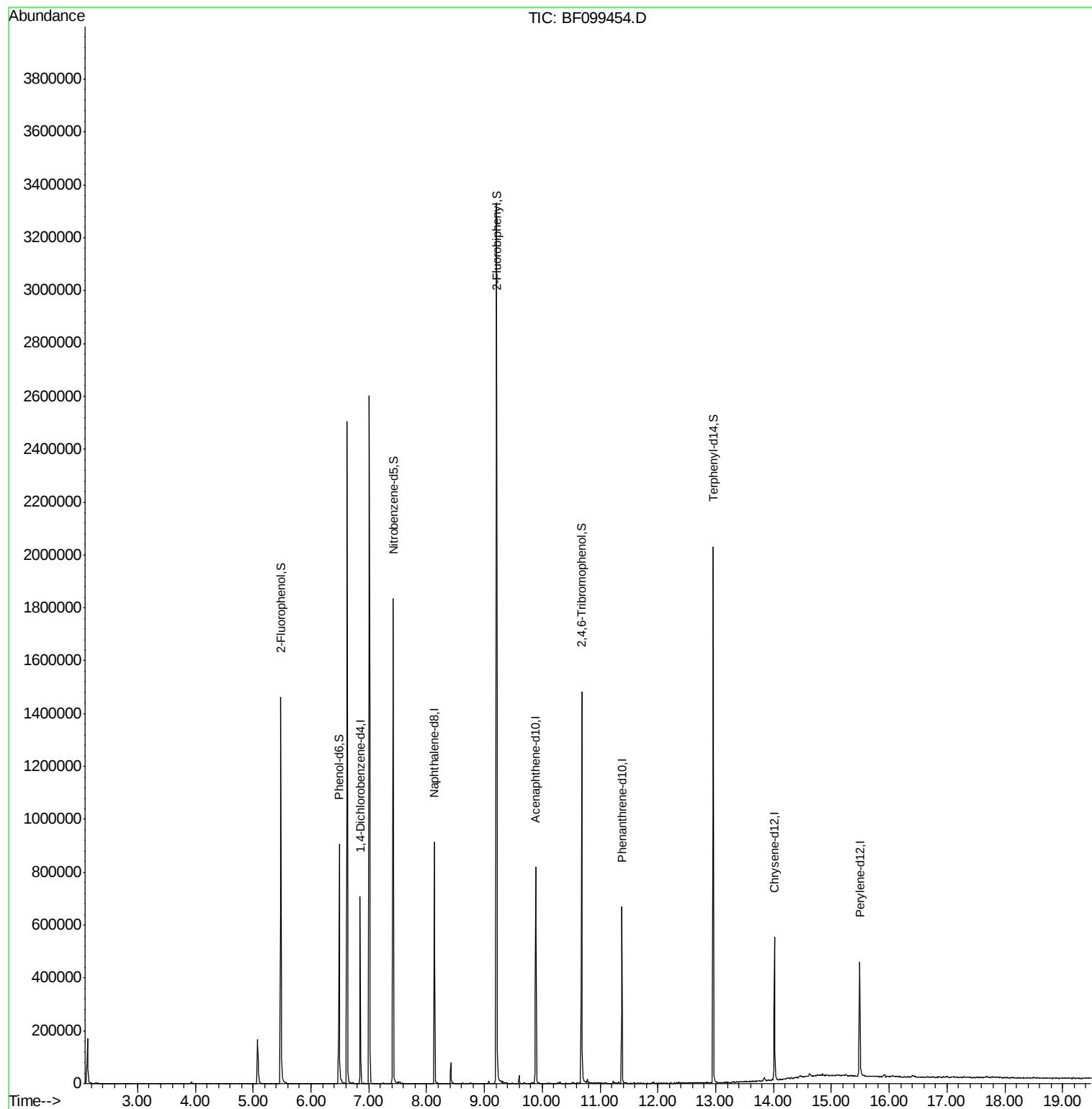
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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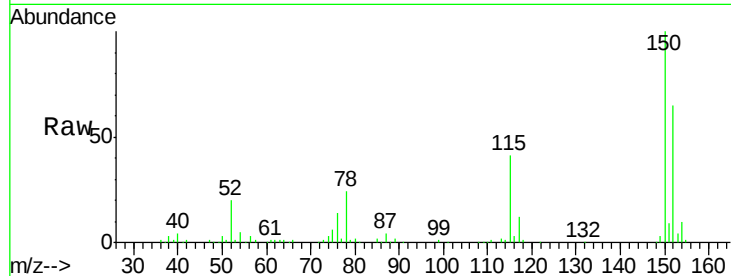




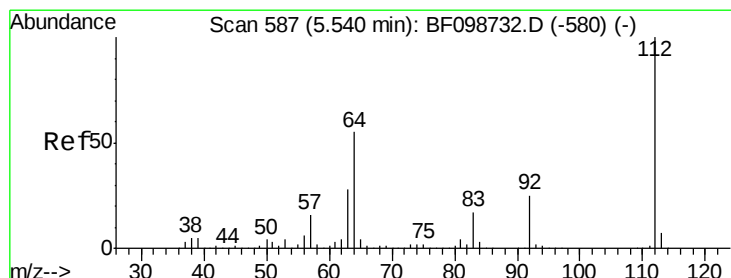
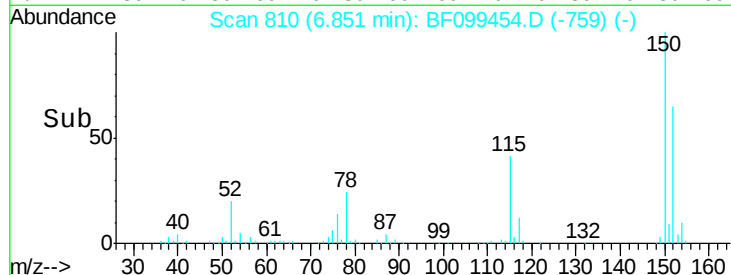
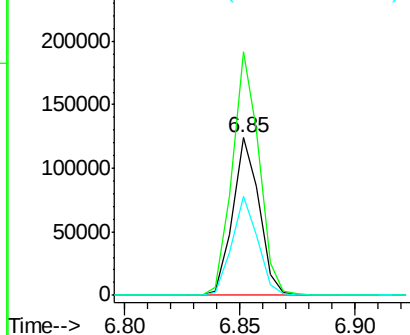
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099454.D
 Acq: 13 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 3906-PP4

Tgt Ion:152 Resp: 99285
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 62.7 50.1 75.1

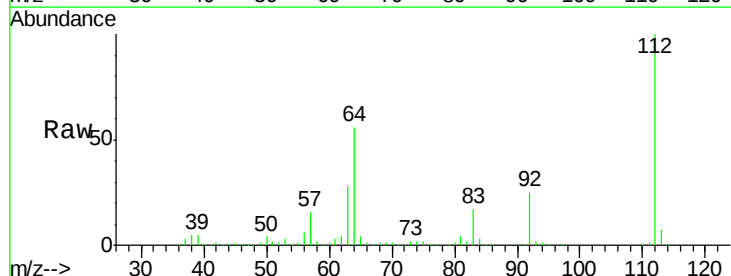


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

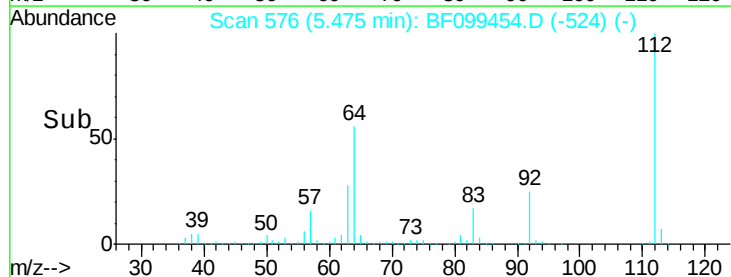
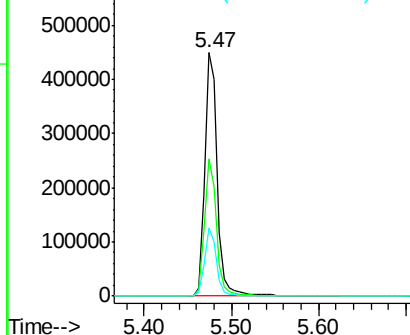


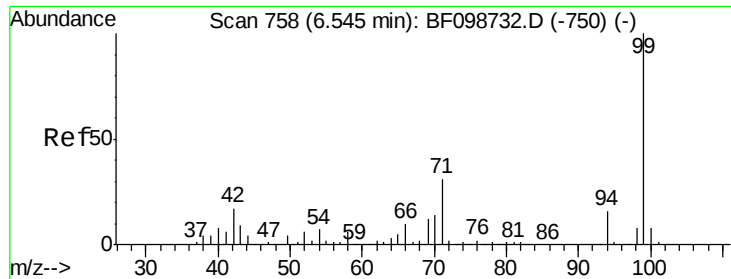
#5
 2-Fluorophenol
 Concen: 71.65 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099454.D
 Acq: 13 Oct 2017 22:05

Tgt Ion:112 Resp: 446882
 Ion Ratio Lower Upper
 112 100
 64 56.5 47.9 71.9
 63 28.0 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: 42.72 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099454.D

Acq: 13 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

3906-PP4

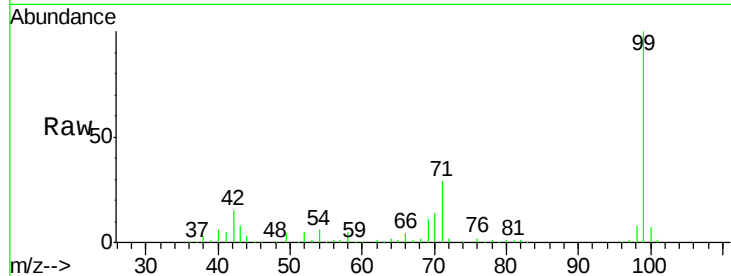
Tgt Ion: 99 Resp: 328695

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

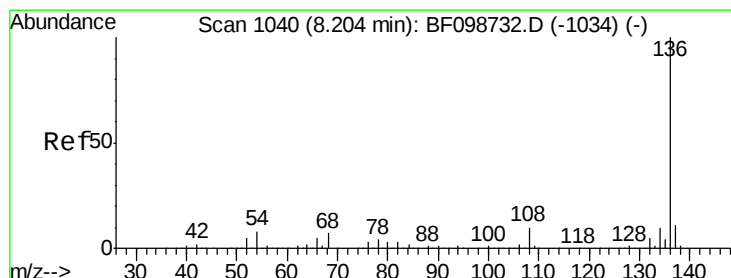
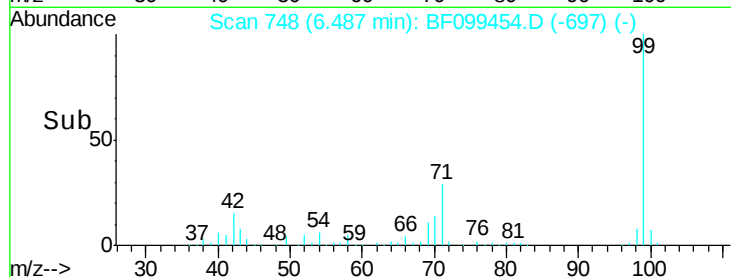
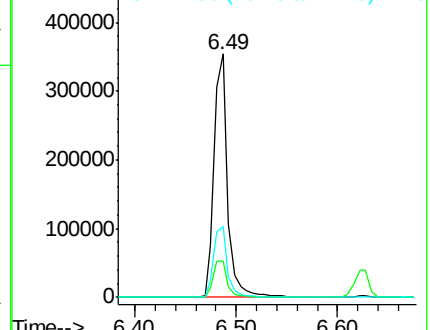
71 29.3 25.4 38.0



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. 0.00 min

Lab File: BF099454.D

Acq: 13 Oct 2017 22:05

Tgt Ion: 136 Resp: 387017

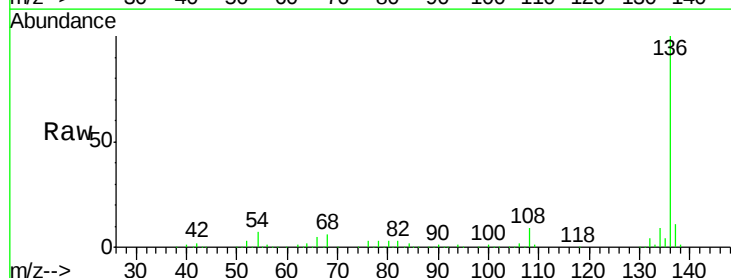
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.2 6.6 9.8

68 5.9 5.0 7.4

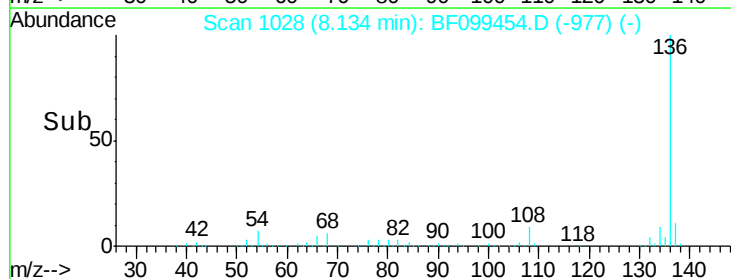
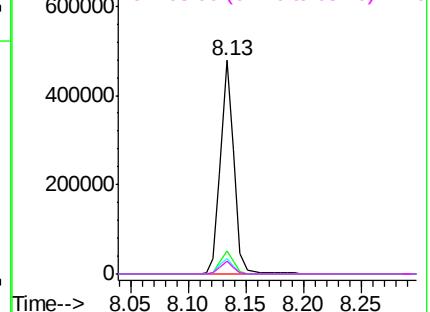


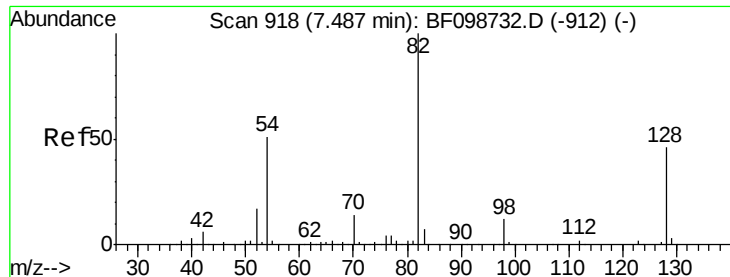
Abundance Ion 136.00 (135.70 to 136.70): E

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

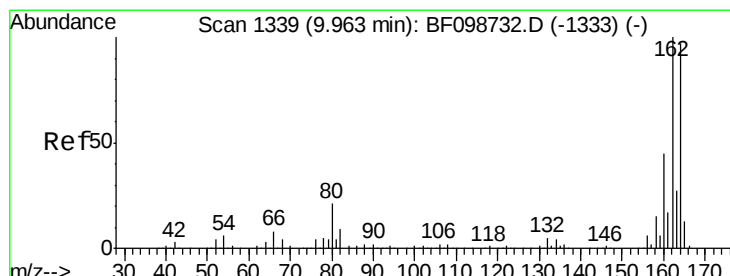
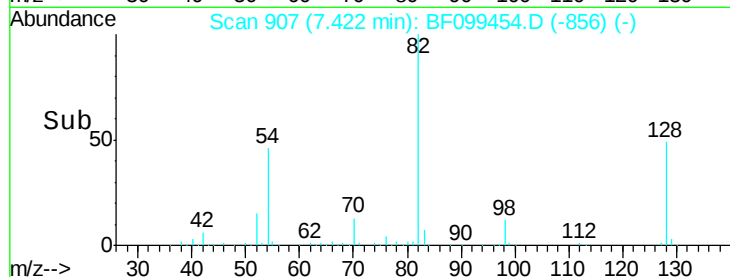
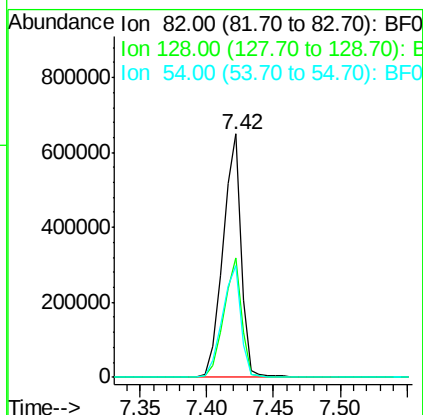
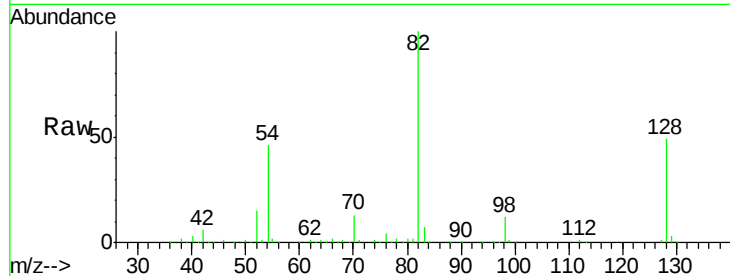




#23
 Nitrobenzene-d5
 Concen: 104.07 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099454.D
 Acq: 13 Oct 2017 22:05

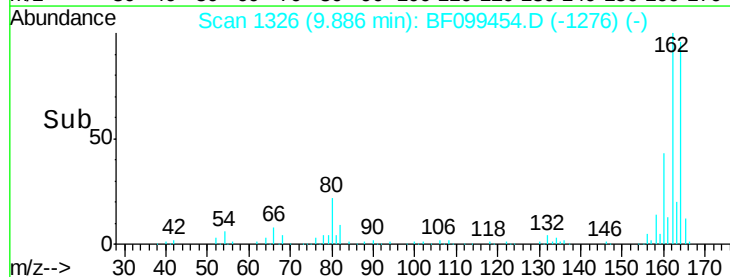
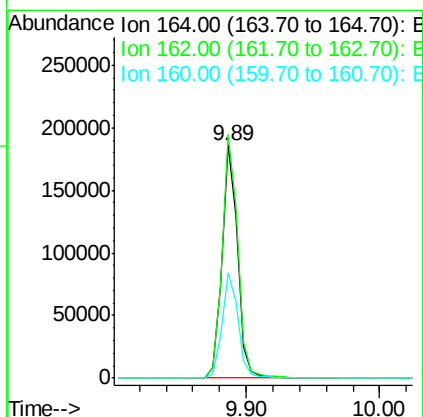
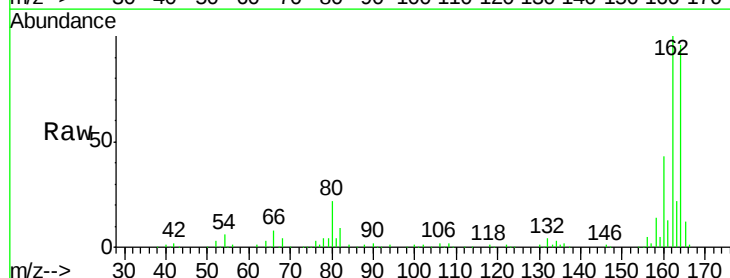
Instrument :
 BNA_F
 ClientSampleId :
 3906-PP4

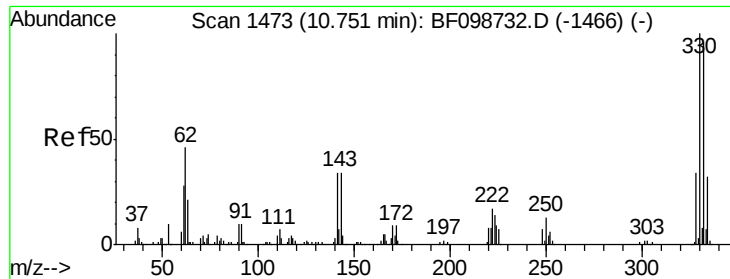
Tgt Ion: 82 Resp: 628072
 Ion Ratio Lower Upper
 82 100
 128 49.1 36.1 54.1
 54 45.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099454.D
 Acq: 13 Oct 2017 22:05

Tgt Ion: 164 Resp: 154241
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 45.0 38.3 57.5

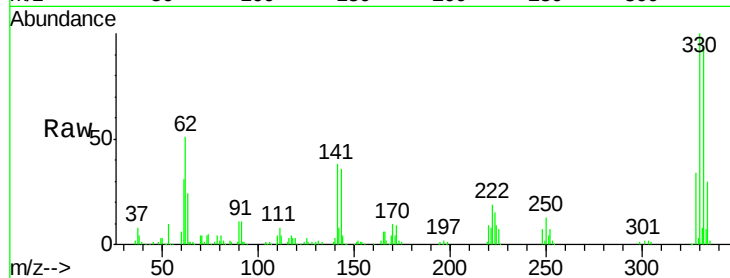




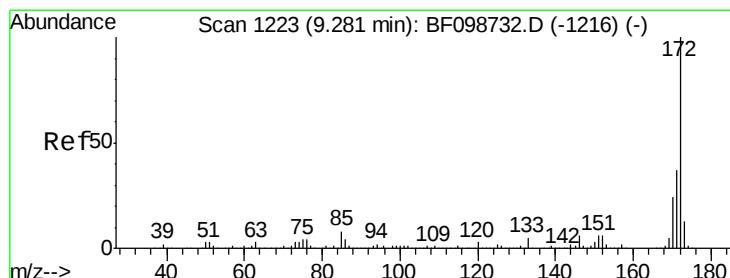
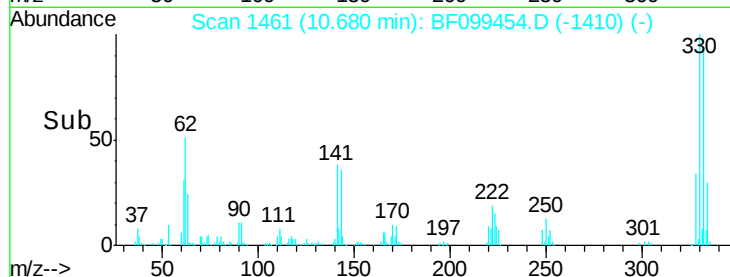
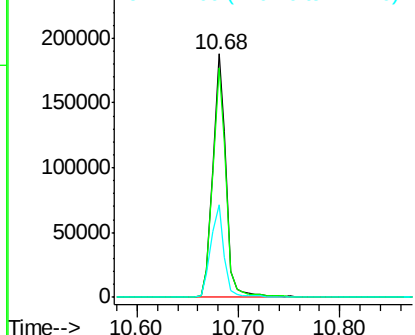
#41
 2,4,6-Tribromophenol
 Concen: 134.91 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099454.D
 Acq: 13 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 3906-PP4

Tgt Ion:330 Resp: 170274
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 39.0 29.9 44.9

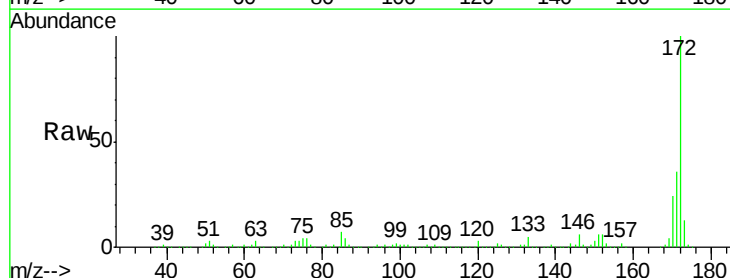


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

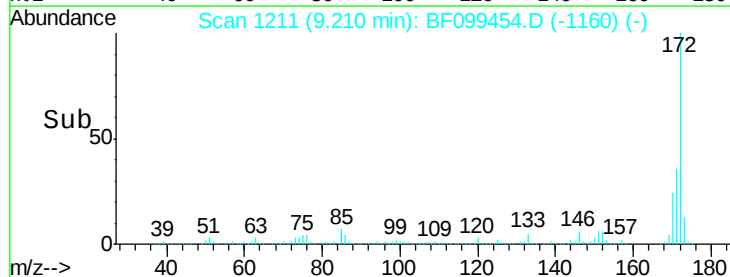
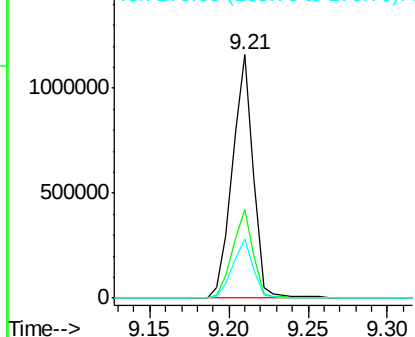


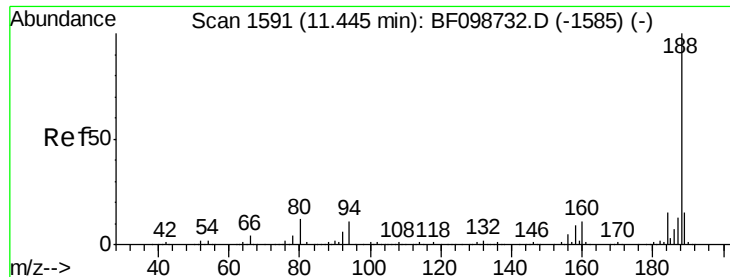
#44
 2-Fluorobiphenyl
 Concen: 114.76 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099454.D
 Acq: 13 Oct 2017 22:05

Tgt Ion:172 Resp: 1060297
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.3 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

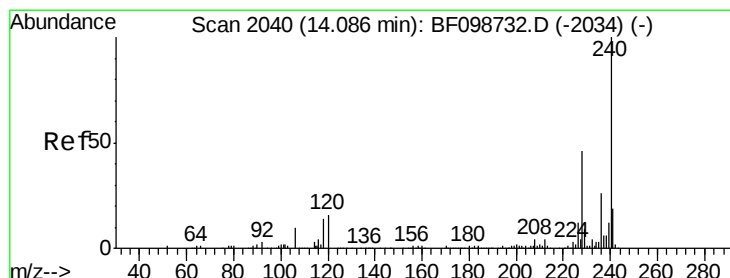
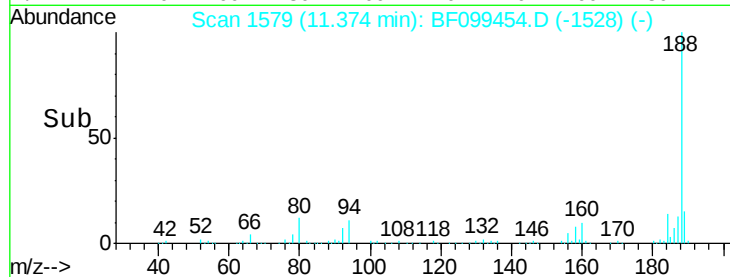
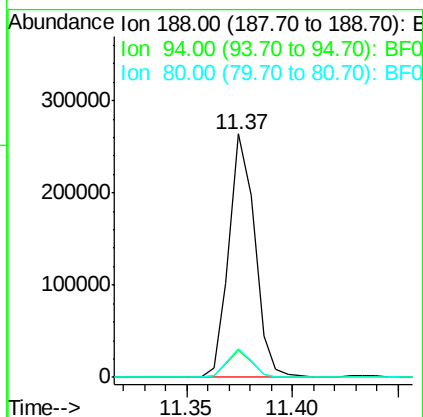
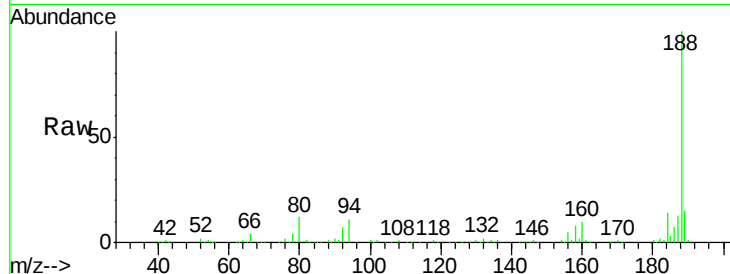




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099454.D
Acq: 13 Oct 2017 22:05

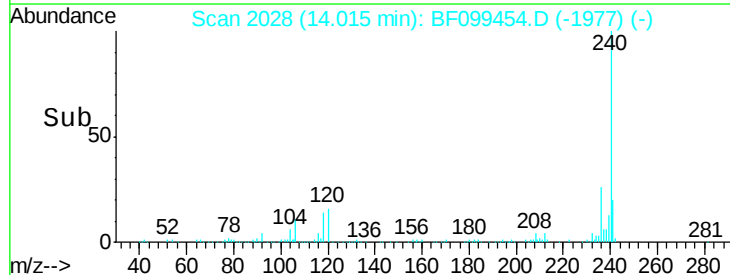
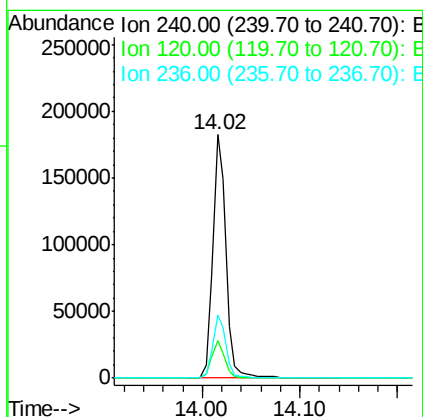
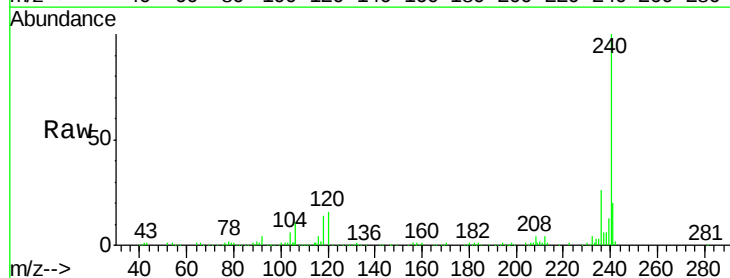
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BNA_F
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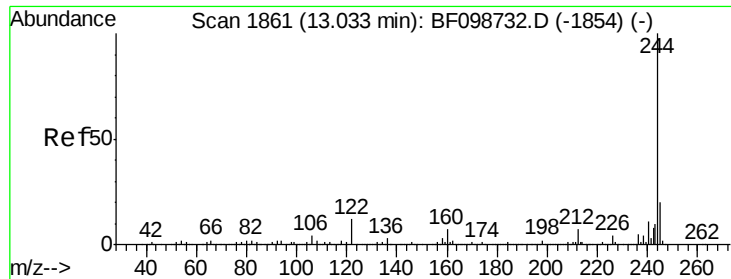
Tgt Ion:188 Resp: 224315
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099454.D
Acq: 13 Oct 2017 22:05

Tgt Ion:240 Resp: 170026
Ion Ratio Lower Upper
240 100
120 15.6 9.5 14.3#
236 25.8 20.7 31.1

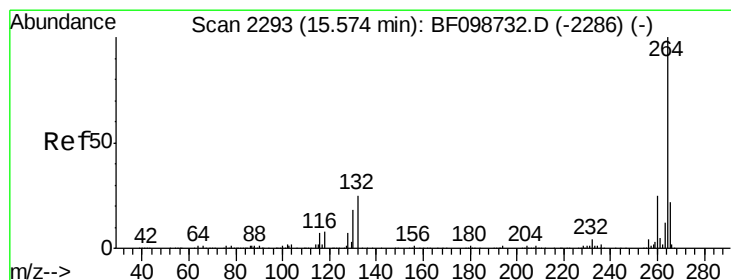
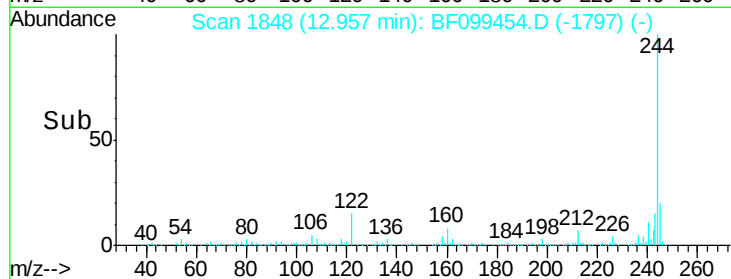
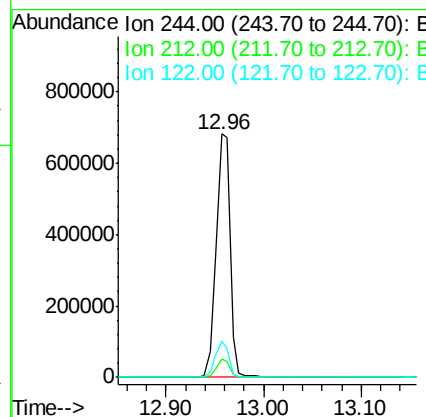
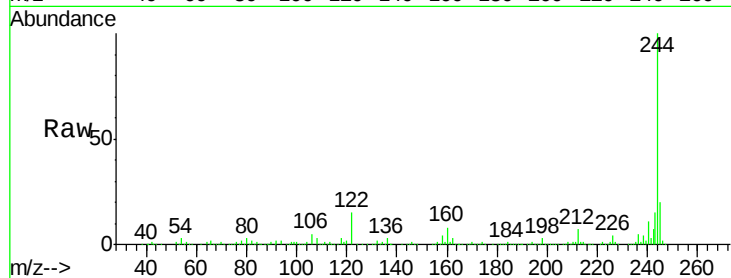




#78
 Terphenyl-d14
 Concen: 90.43 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099454.D
 Acq: 13 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 3906-PP4

Tgt Ion:244 Resp: 676067
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 14.8 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: BF099454.D
 Acq: 13 Oct 2017 22:05

Tgt Ion:264 Resp: 194130
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.2 17.5 26.3

