

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100259.D
 Acq On : 6 Nov 2017 19:06
 Operator : SJ/JU
 Sample : I6337-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WOODLAKE-COMP-5:1

Quant Time: Nov 07 01:31:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	95025	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	399576	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	183553	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	326910	20.00	ng	0.00
75) Chrysene-d12	13.94	240	182251	20.00	ng	0.00
86) Perylene-d12	15.40	264	169266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	742862	122.73	ng	0.02
7) Phenol-d6	6.42	99	806027	112.31	ng	0.00
23) Nitrobenzene-d5	7.33	82	551781	88.90	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	226232	135.25	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1094261	91.98	ng	0.00
78) Terphenyl-d14	12.87	244	931812	111.73	ng	0.00

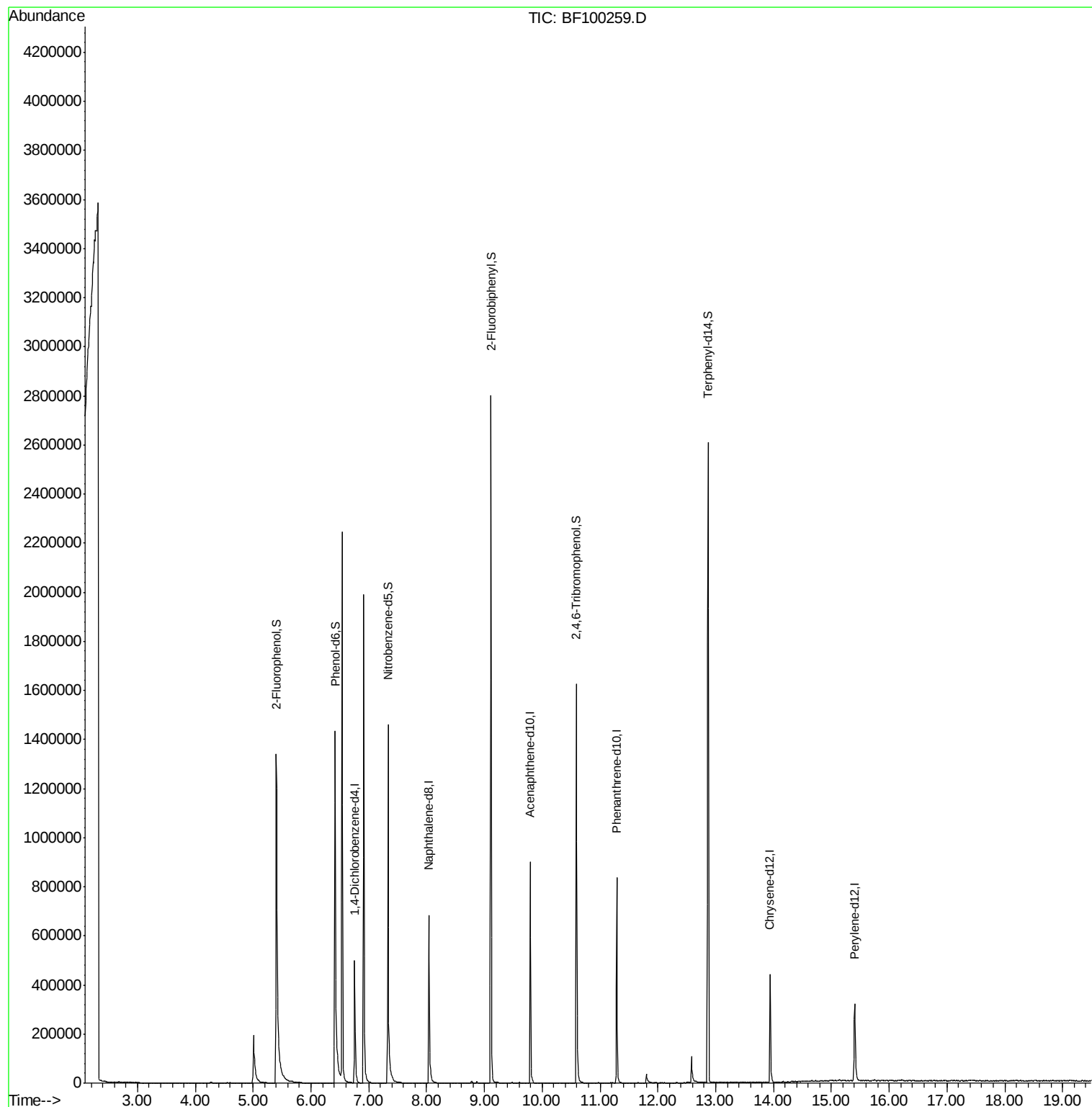
Target Compounds	Qvalue
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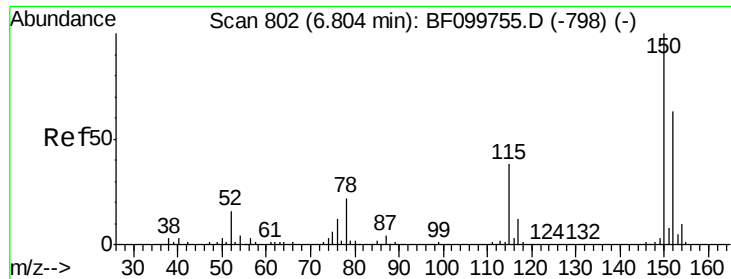
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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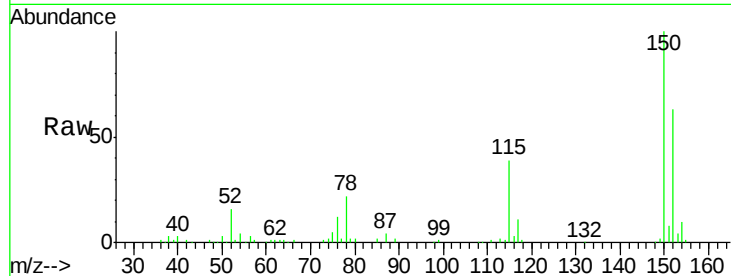




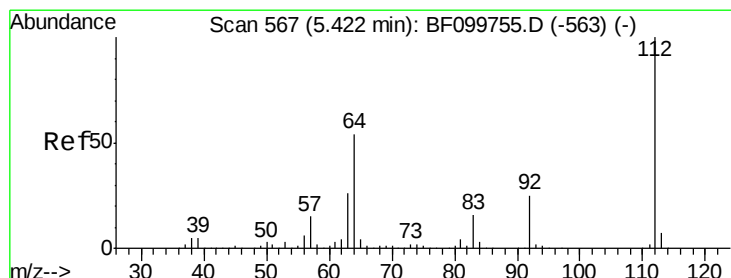
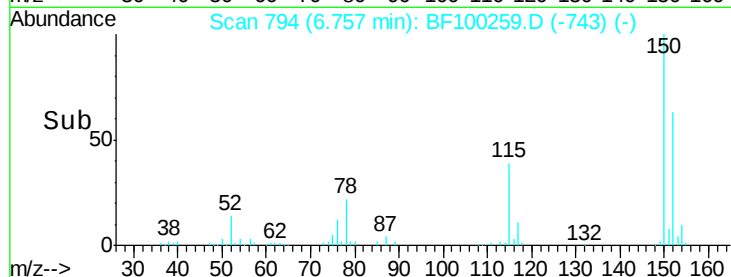
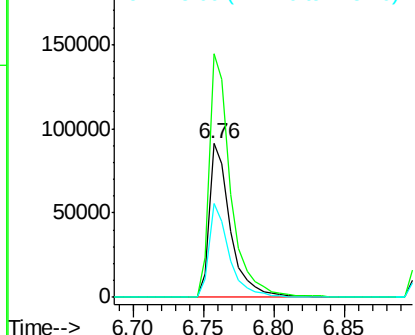
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF100259.D
 Acq: 6 Nov 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :
 WOODLAKE-COMP-5:1

Tgt Ion:152 Resp: 95025
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 61.2 50.1 75.1

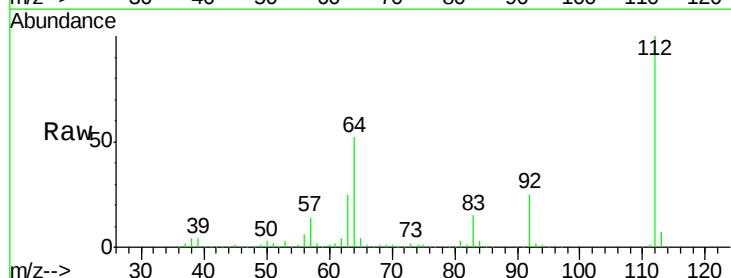


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

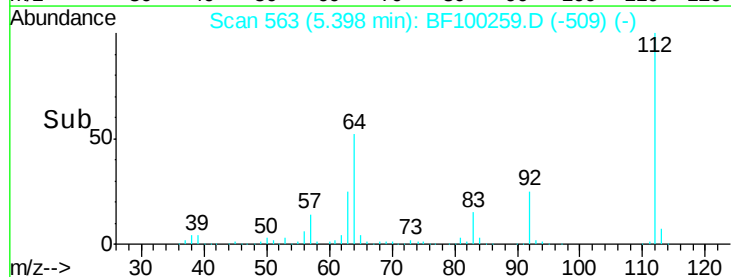
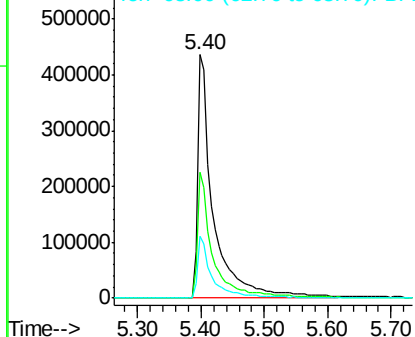


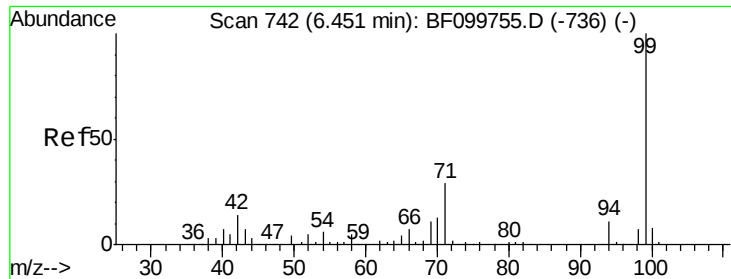
#5
 2-Fluorophenol
 Concen: 122.733 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: BF100259.D
 Acq: 6 Nov 2017 19:06

Tgt Ion:112 Resp: 742862
 Ion Ratio Lower Upper
 112 100
 64 51.7 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): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 112.310 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF100259.D

Acq: 6 Nov 2017 19:06

Instrument :

BNA_F

ClientSampleId :

WOODLAKE-COMP-5:1

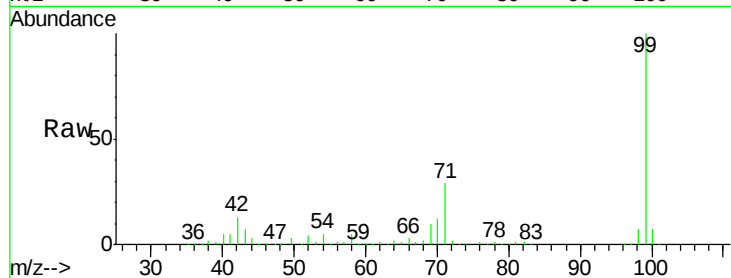
Tgt Ion: 99 Resp: 806027

Ion Ratio Lower Upper

99 100

42 12.5 14.5 21.7#

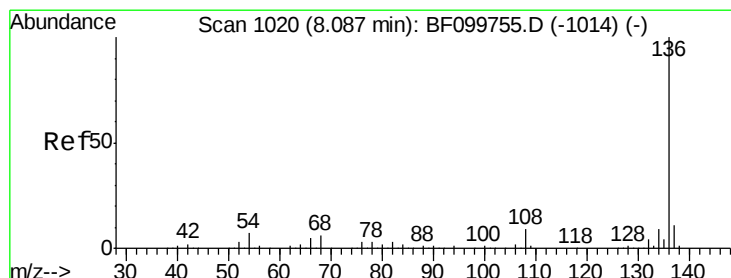
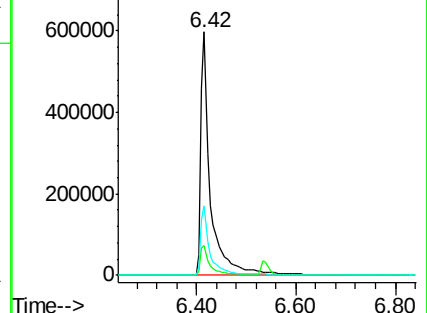
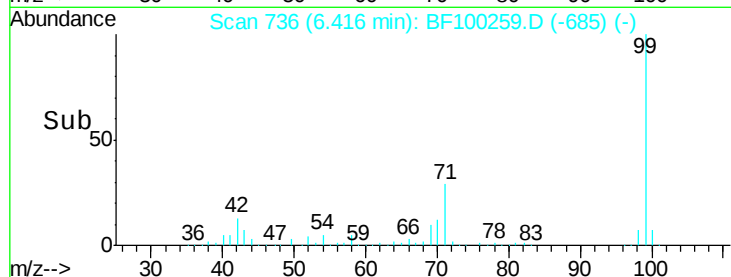
71 28.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100259.D

Acq: 6 Nov 2017 19:06

Tgt Ion: 136 Resp: 399576

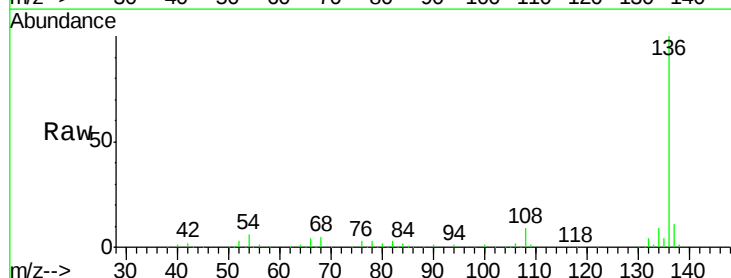
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.4 6.6 9.8#

68 5.5 5.0 7.4

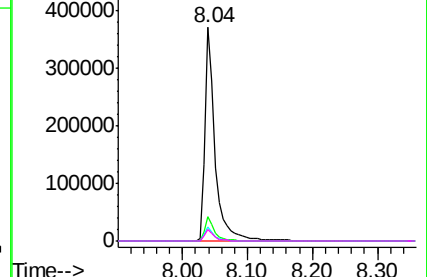
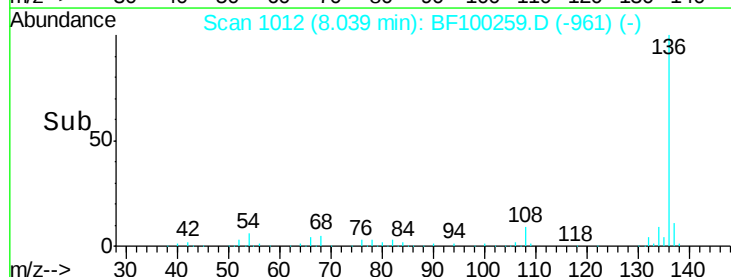


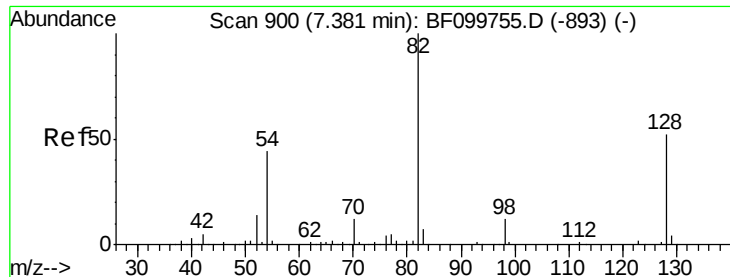
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

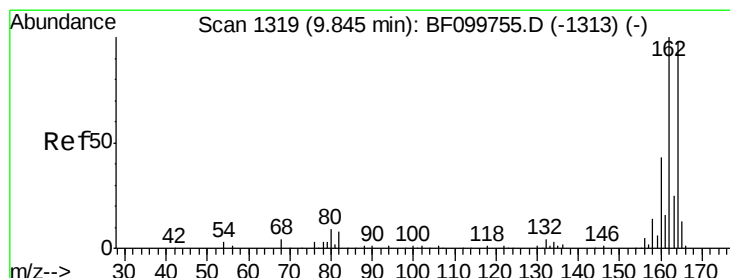
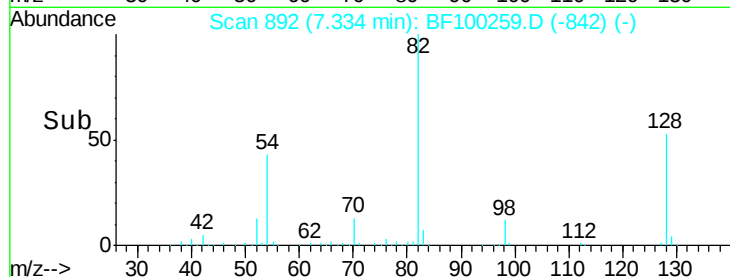
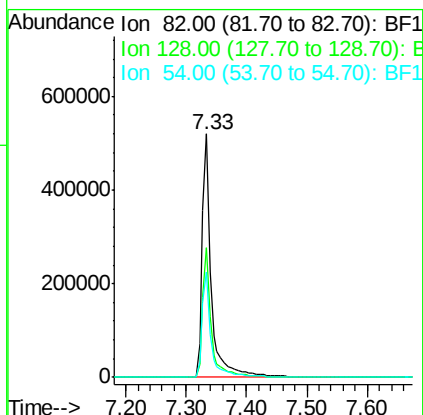
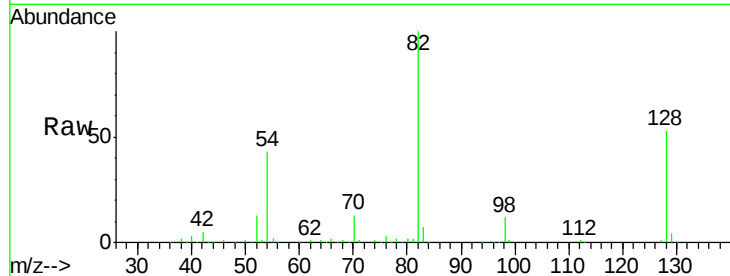




#23
 Nitrobenzene-d5
 Concen: 88.904 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100259.D
 Acq: 6 Nov 2017 19:06

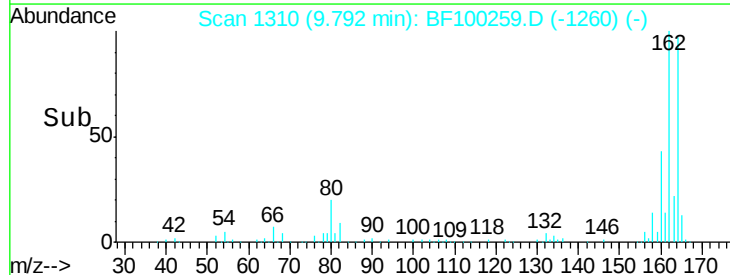
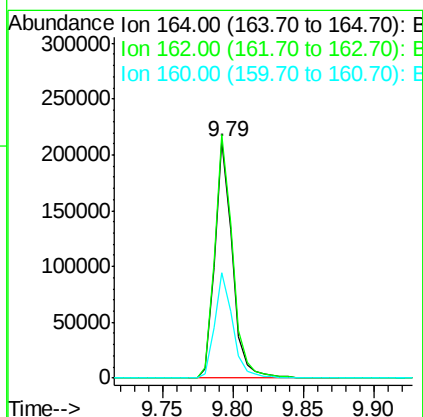
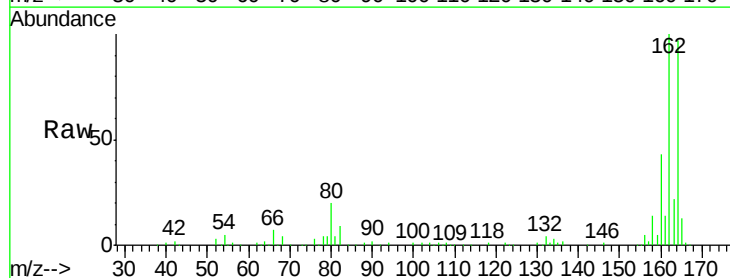
Instrument :
 BNA_F
 ClientSampleId :
 WOODLAKE-COMP-5:1

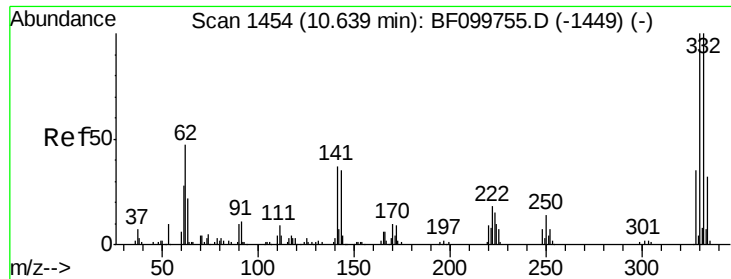
Tgt Ion: 82 Resp: 551781
 Ion Ratio Lower Upper
 82 100
 128 53.3 36.1 54.1
 54 43.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100259.D
 Acq: 6 Nov 2017 19:06

Tgt Ion: 164 Resp: 183553
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 44.6 38.3 57.5

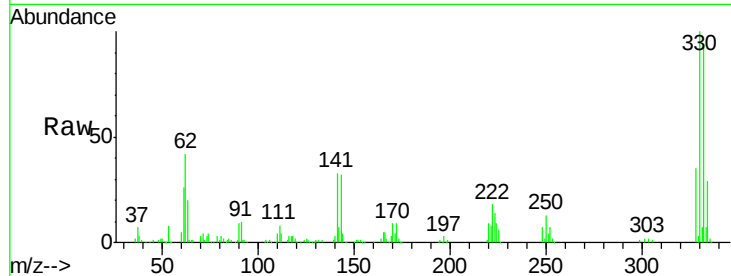




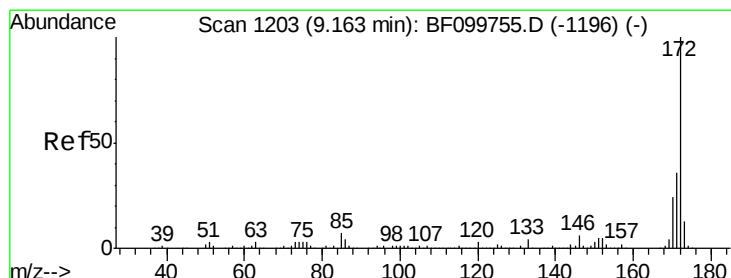
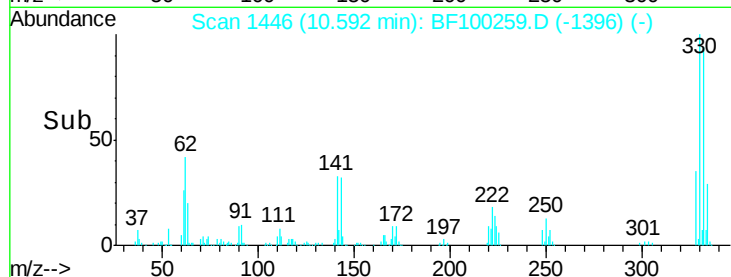
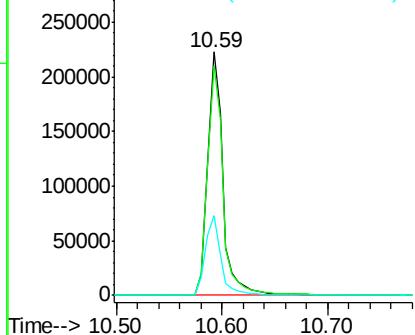
#41
 2,4,6-Tribromophenol
 Concen: 135.246 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100259.D
 Acq: 6 Nov 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :
 WOODLAKE-COMP-5:1

Tgt Ion:330 Resp: 226232
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.2 29.9 44.9

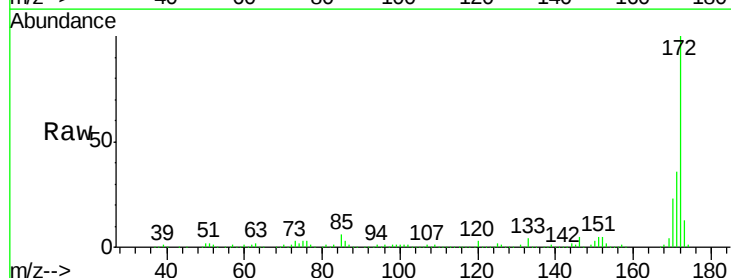


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

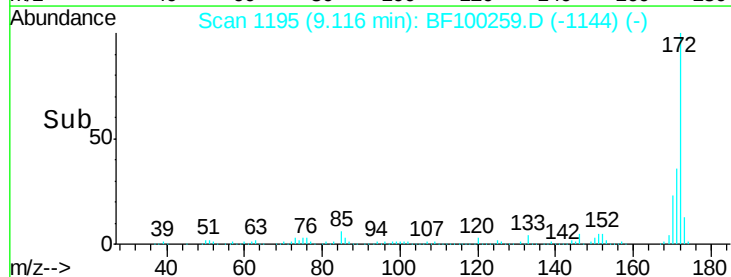
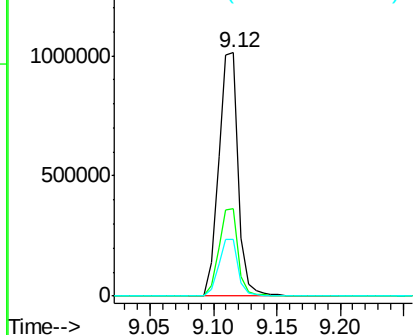


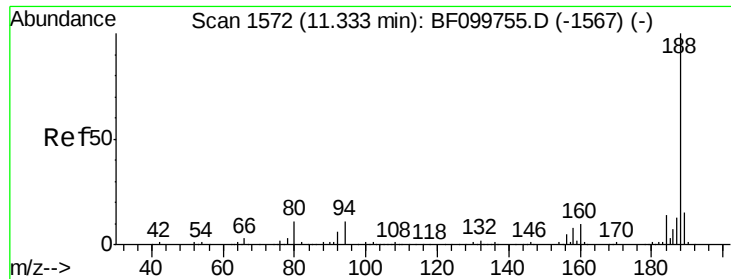
#44
 2-Fluorobiphenyl
 Concen: 91.977 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100259.D
 Acq: 6 Nov 2017 19:06

Tgt Ion:172 Resp: 1094261
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.4 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

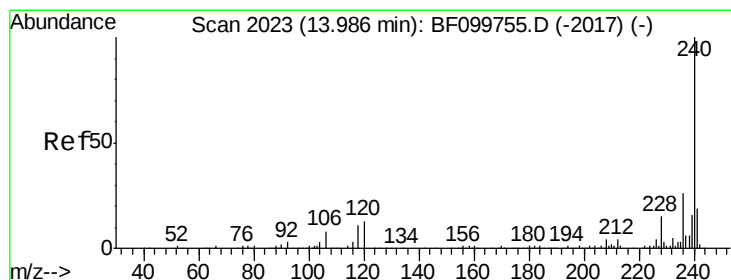
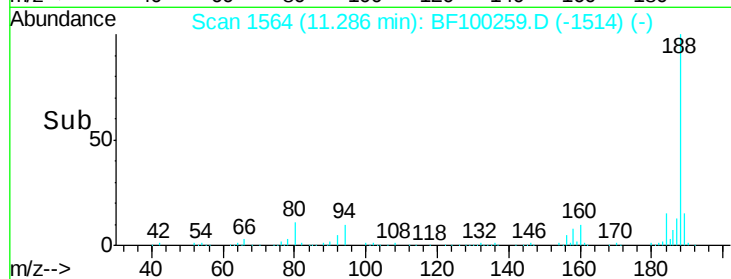
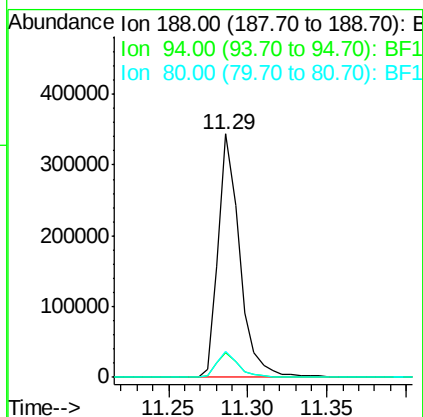
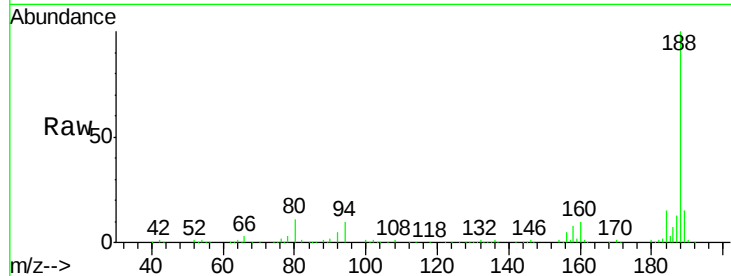




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100259.D
Acq: 6 Nov 2017 19:06

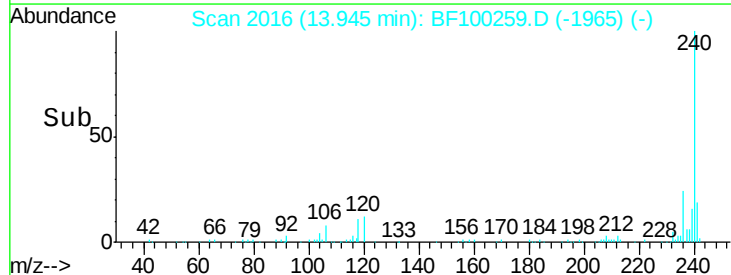
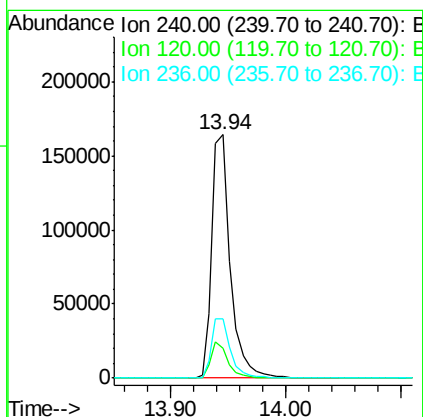
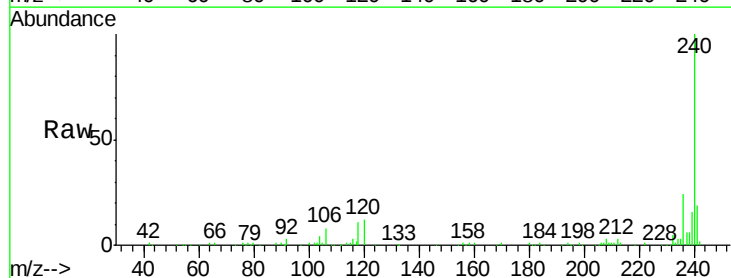
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WOODLAKE-COMP-5:1

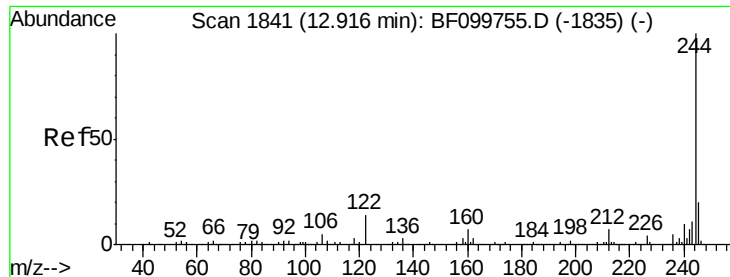
Tgt Ion:188 Resp: 326910
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100259.D
Acq: 6 Nov 2017 19:06

Tgt Ion:240 Resp: 182251
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 24.3 20.7 31.1





#78

Terphenyl-d14

Concen: 111.734 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100259.D

Acq: 6 Nov 2017 19:06

Instrument :

BNA_F

ClientSampleId :

WOODLAKE-COMP-5:1

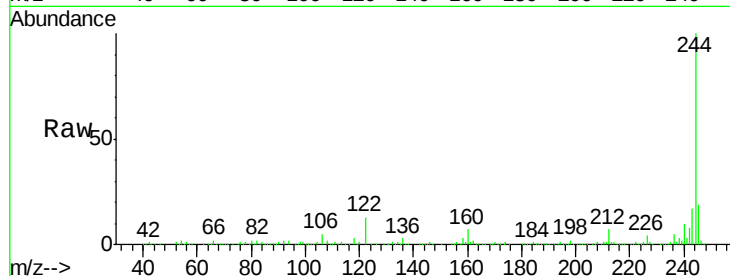
Tgt Ion:244 Resp: 931812

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

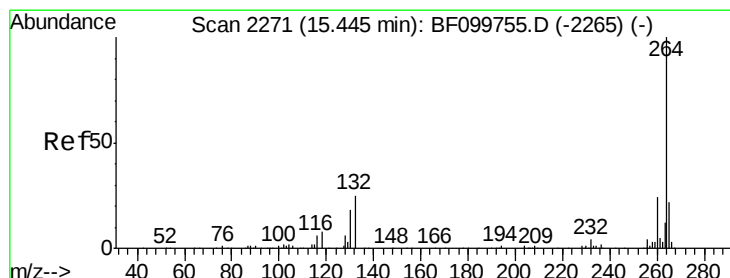
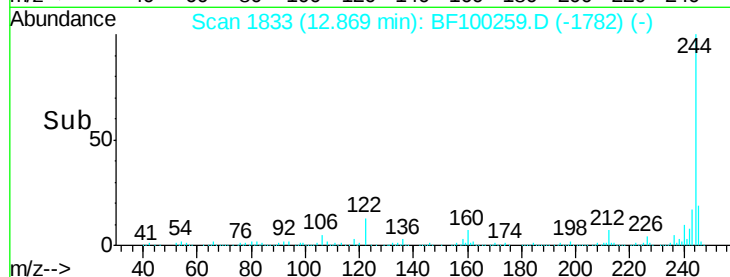
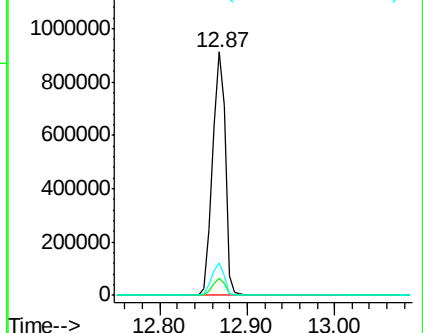
122 13.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BF100259.D

Acq: 6 Nov 2017 19:06

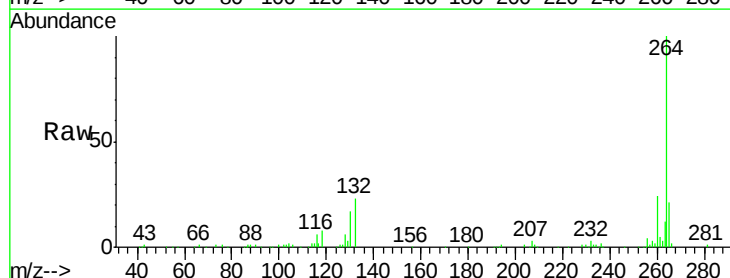
Tgt Ion:264 Resp: 169266

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

