

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100132.D
 Acq On : 3 Nov 2017 14:14
 Operator : SJ/JU
 Sample : I6258-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WOODLAKE-DR-2-14-18

Quant Time: Nov 03 15:51:23 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

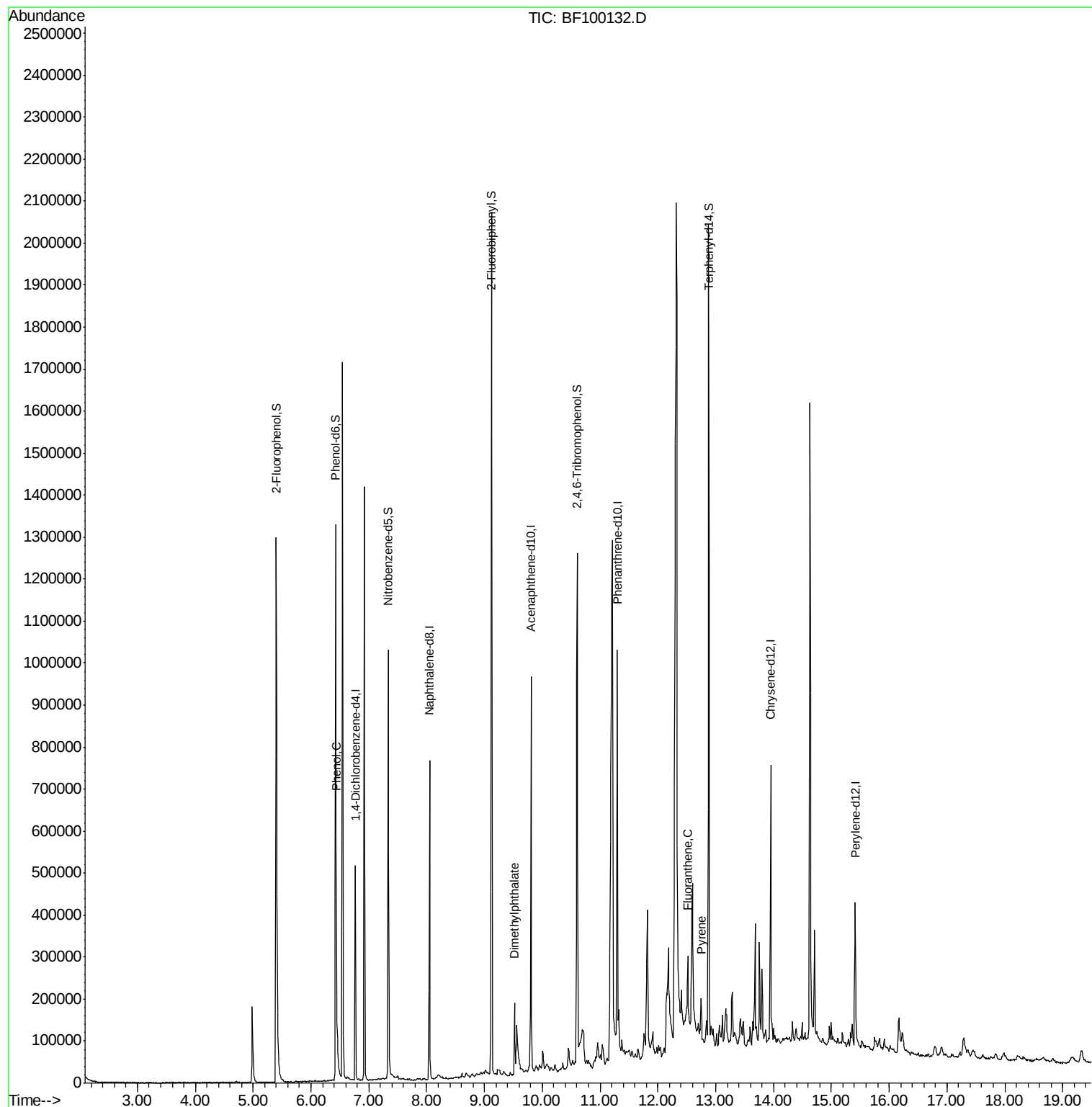
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	91949	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	384324	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	182136	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	335140	20.00	ng	0.00
75) Chrysene-d12	13.95	240	215234	20.00	ng	0.00
86) Perylene-d12	15.41	264	152244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	517086	88.29	ng	0.00
7) Phenol-d6	6.43	99	616216	88.73	ng	0.00
23) Nitrobenzene-d5	7.34	82	346034	57.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	151261	91.13	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	702118	59.48	ng	0.00
78) Terphenyl-d14	12.88	244	643827	65.37	ng	0.00
Target Compounds						
10) Phenol	6.44	94	34766	4.560	ng	93
49) Dimethylphthalate	9.52	163	66252	4.593	ng	99
74) Fluoranthene	12.52	202	49990	2.543	ng	99
77) Pyrene	12.75	202	41131	2.513	ng	99

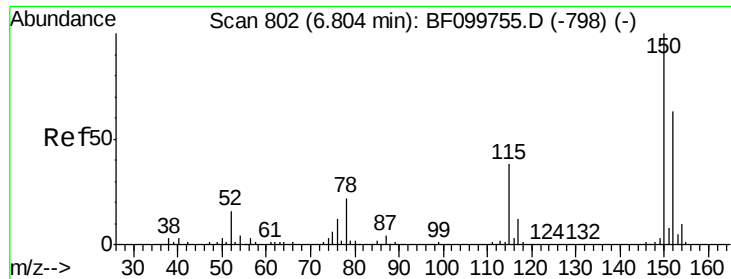
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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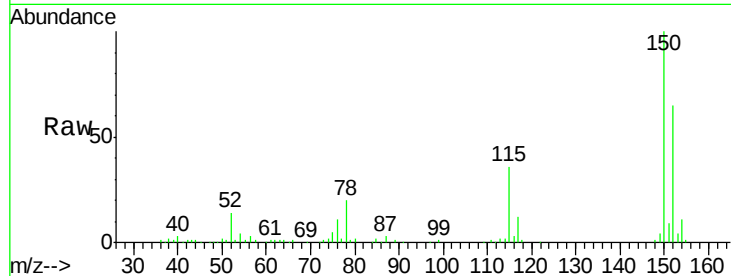




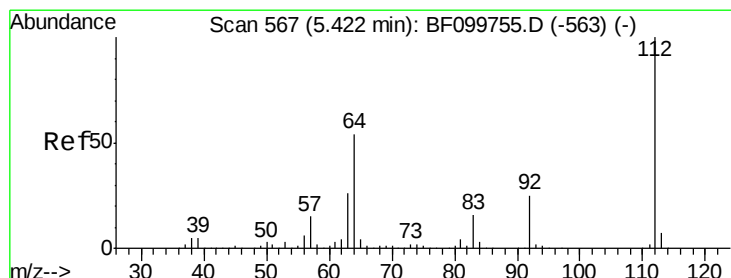
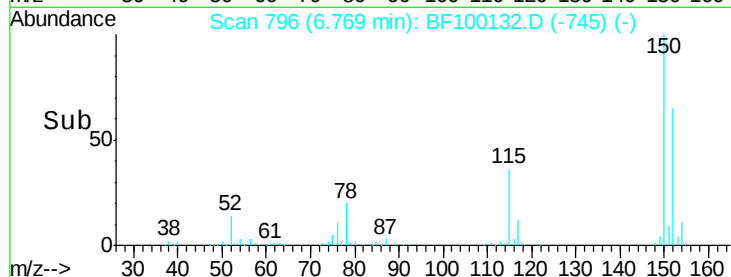
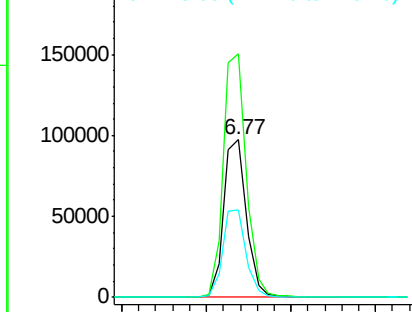
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF100132.D
 Acq: 3 Nov 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 WOODLAKE-DR-2-14-18

Tgt Ion:152 Resp: 91949
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 55.8 50.1 75.1

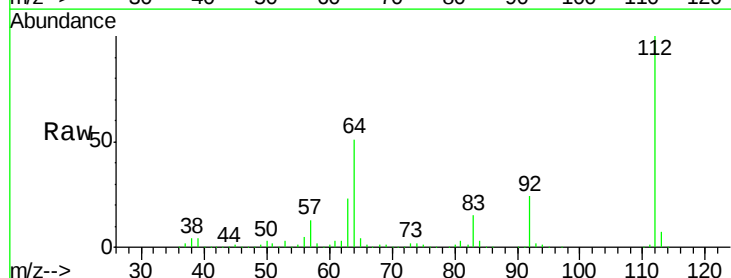


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

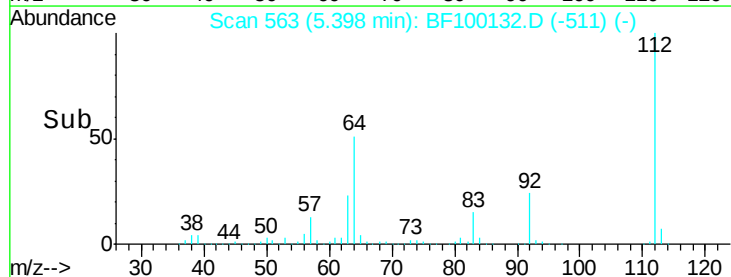
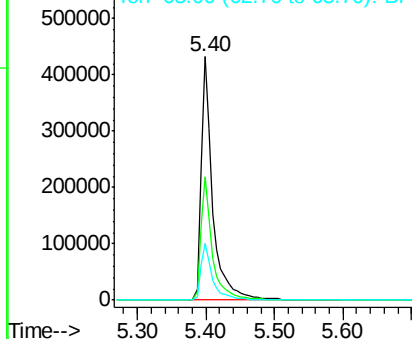


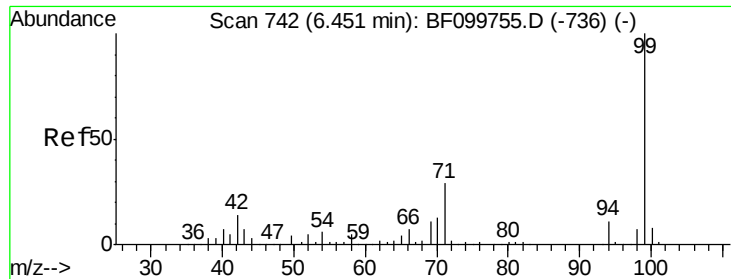
#5
 2-Fluorophenol
 Concen: 88.289 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF100132.D
 Acq: 3 Nov 2017 14:14

Tgt Ion:112 Resp: 517086
 Ion Ratio Lower Upper
 112 100
 64 50.7 47.9 71.9
 63 23.5 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: 88.735 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

Instrument :

BNA_F

ClientSampleId :

WOODLAKE-DR-2-14-18

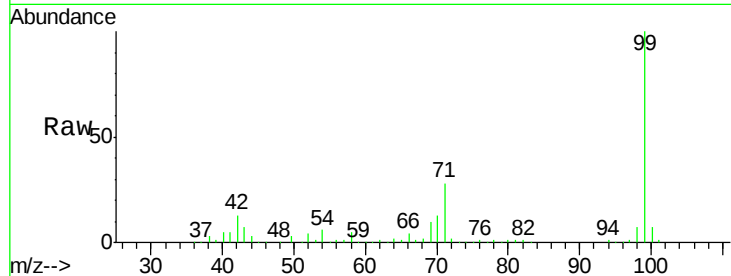
Tgt Ion: 99 Resp: 616216

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

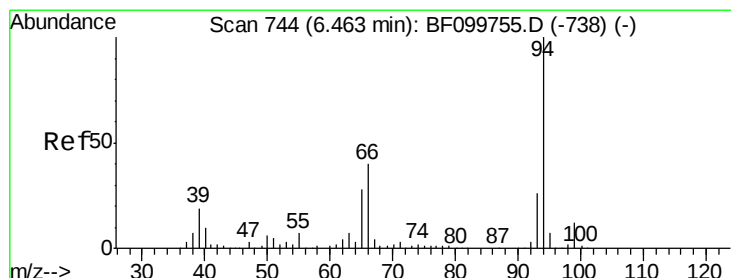
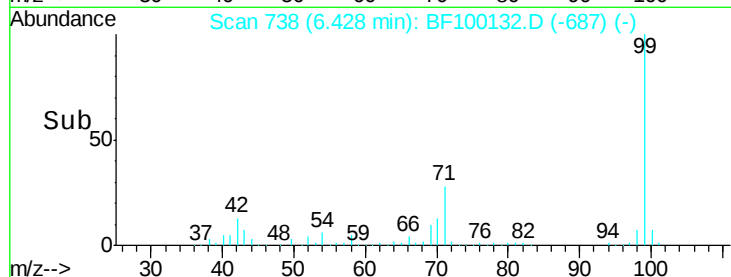
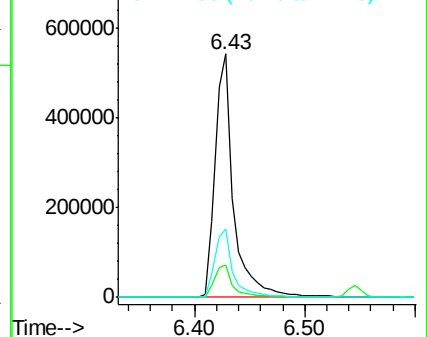
71 28.1 25.4 38.0



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



#10

Phenol

Concen: 4.560 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

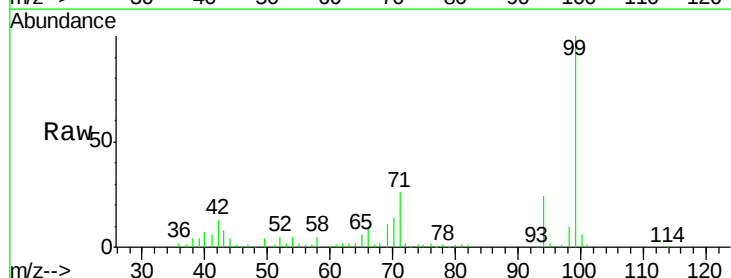
Tgt Ion: 94 Resp: 34766

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

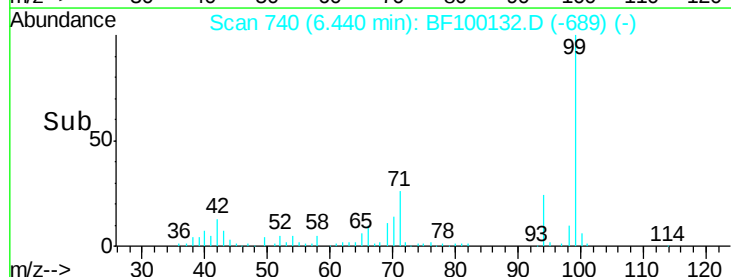
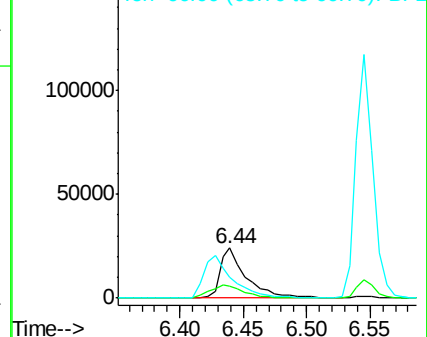
66 41.6 16.2 56.2

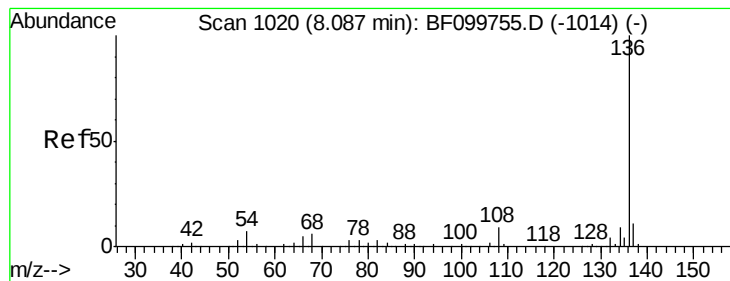


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

Instrument :

BNA_F

ClientSampleId :

WOODLAKE-DR-2-14-18

Tgt Ion: 136 Resp: 384324

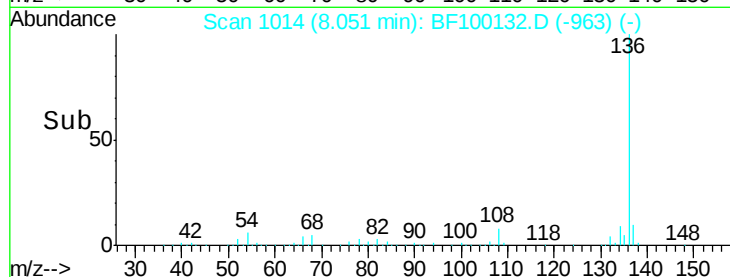
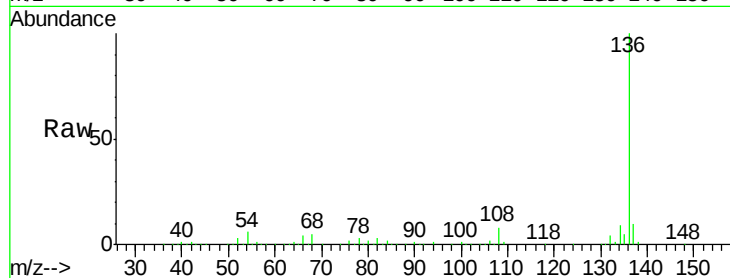
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.0 6.6 9.8#

68 5.1 5.0 7.4

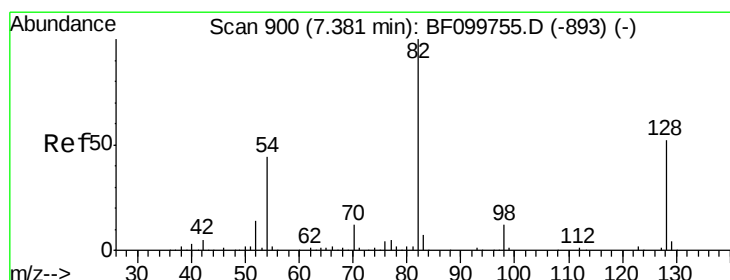
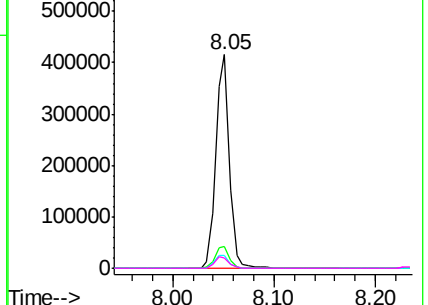


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.966 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

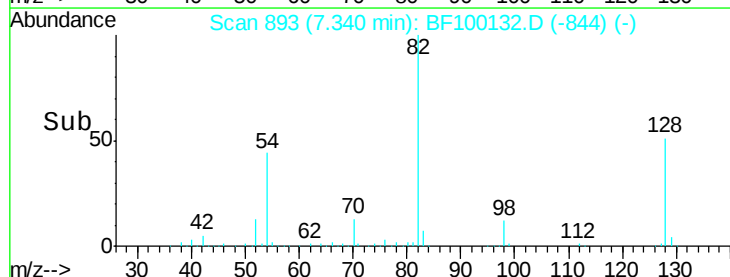
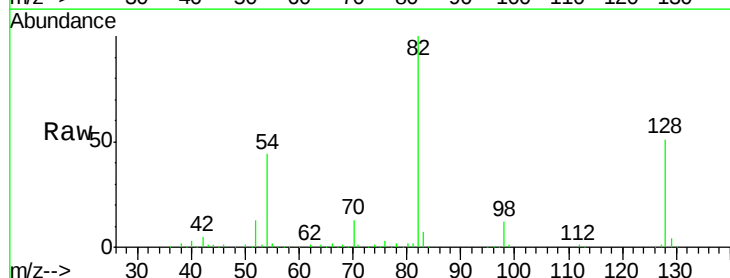
Tgt Ion: 82 Resp: 346034

Ion Ratio Lower Upper

82 100

128 51.2 36.1 54.1

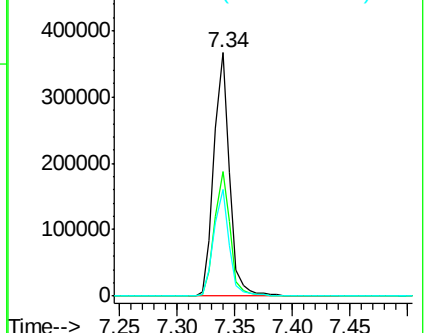
54 43.9 41.4 62.2

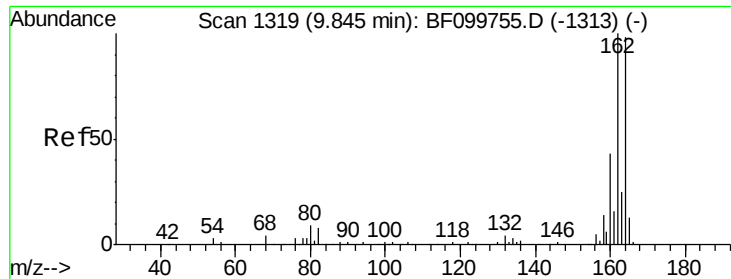


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

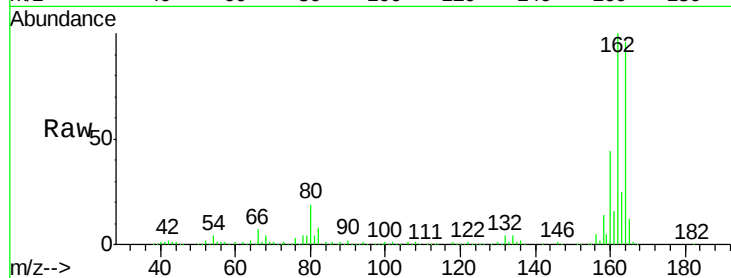




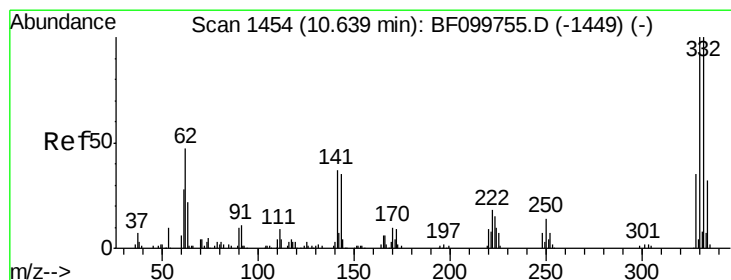
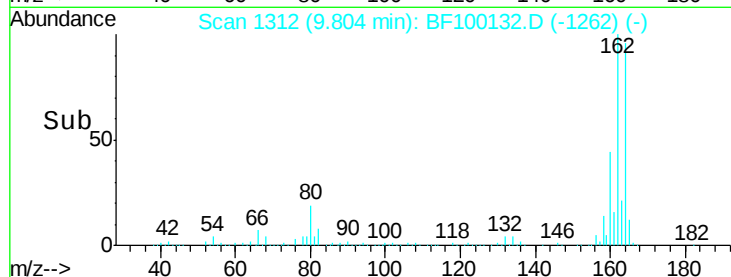
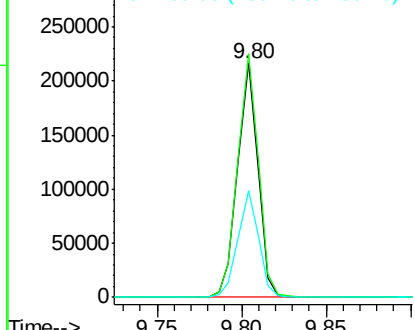
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Instrument :
BNA_F
ClientSampleId :
WOODLAKE-DR-2-14-18

Tgt Ion:164 Resp: 182136
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 45.3 38.3 57.5

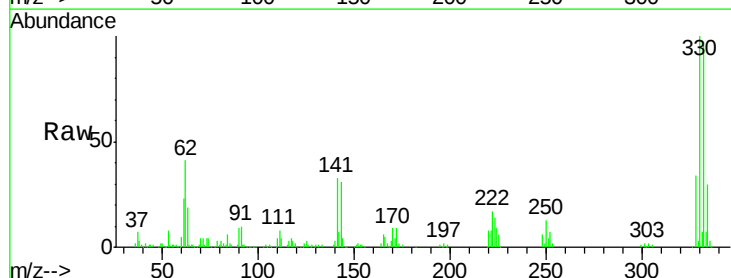


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

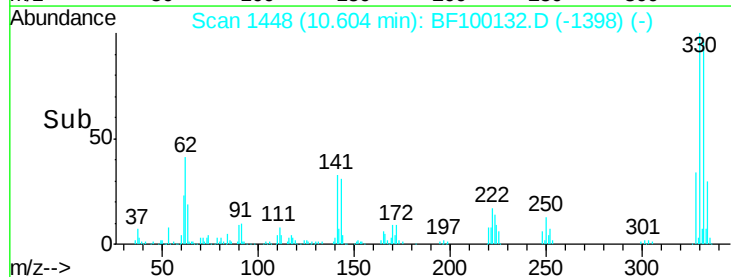
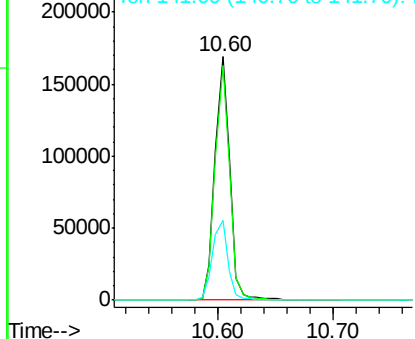


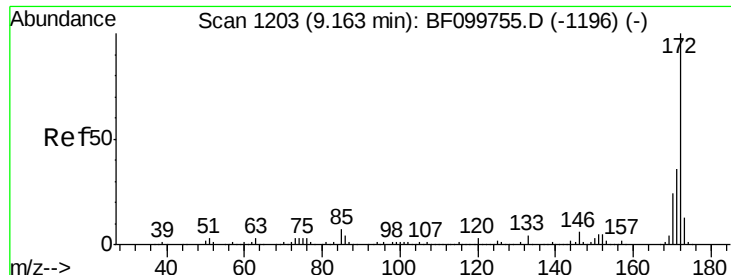
#41
2,4,6-Tribromophenol
Concen: 91.130 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Tgt Ion:330 Resp: 151261
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 34.0 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

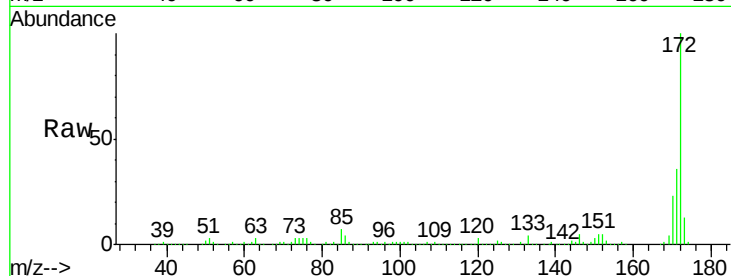




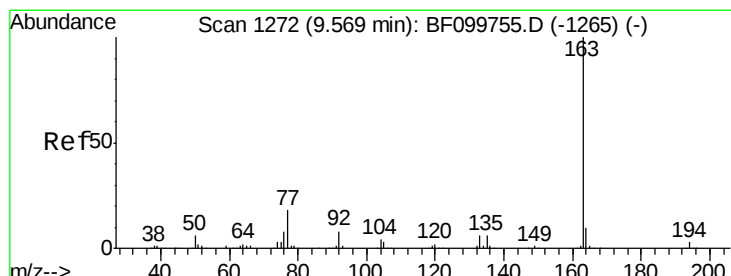
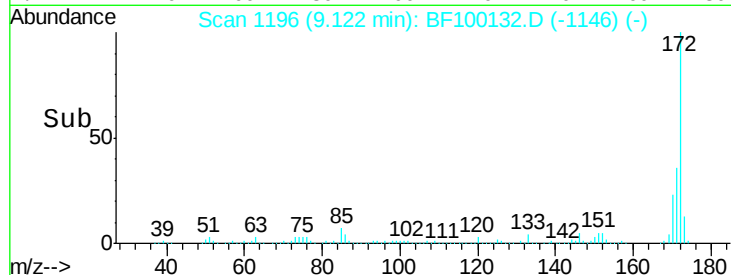
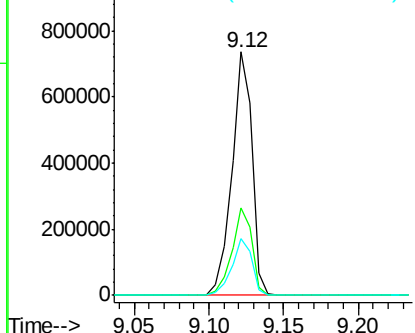
#44
2-Fluorobiphenyl
Concen: 59.475 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Instrument :
BNA_F
ClientSampleId :
WOODLAKE-DR-2-14-18

Tgt Ion:172 Resp: 702118
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.3 19.6 29.4

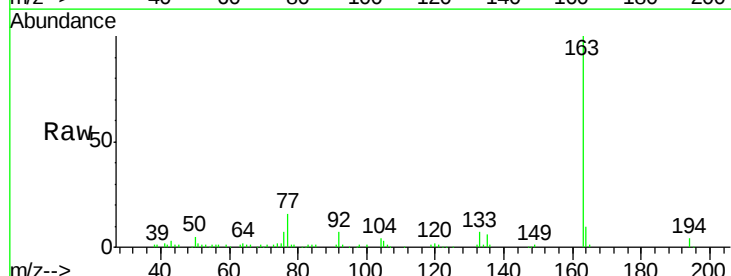


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

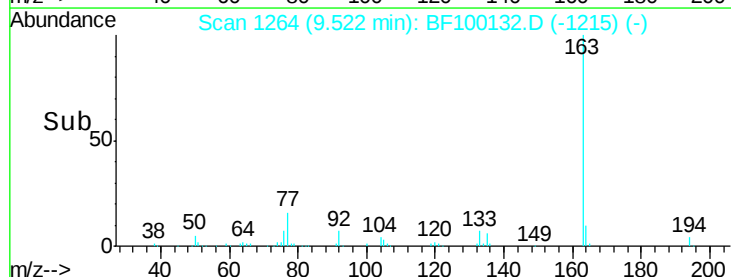
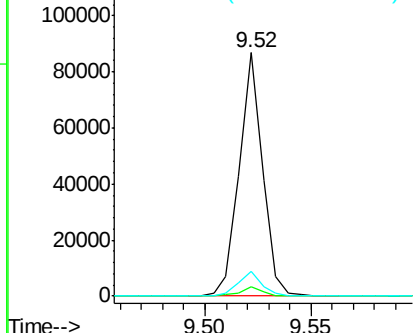


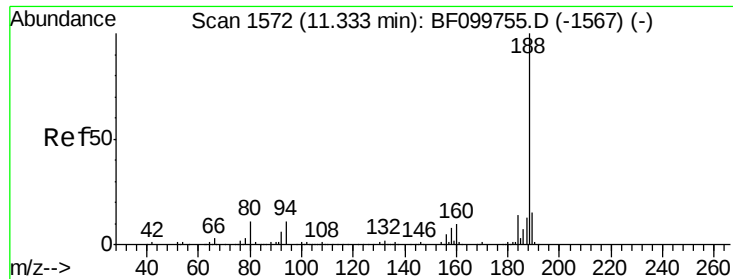
#49
Dimethylphthalate
Concen: 4.593 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Tgt Ion:163 Resp: 66252
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

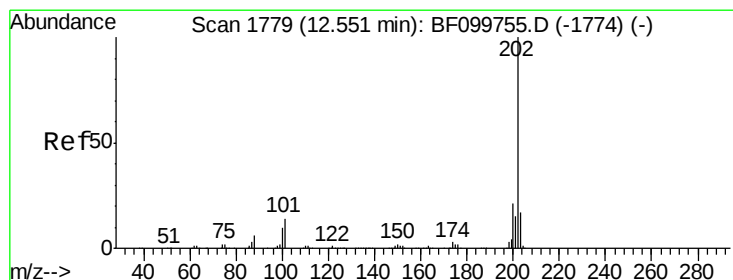
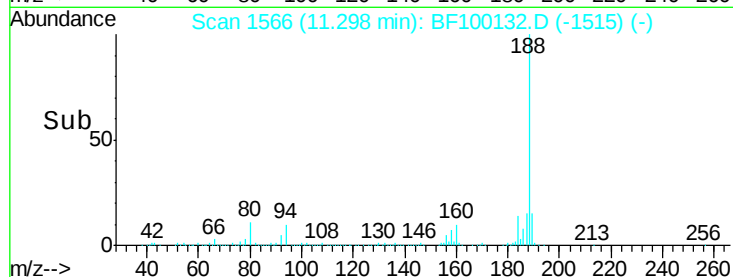
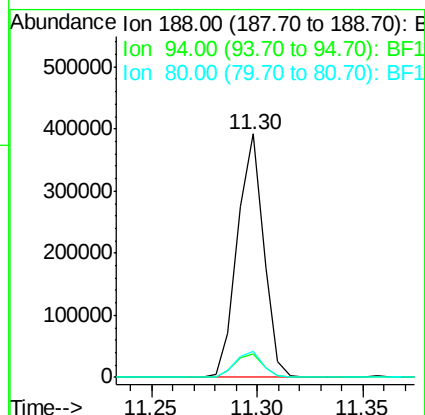
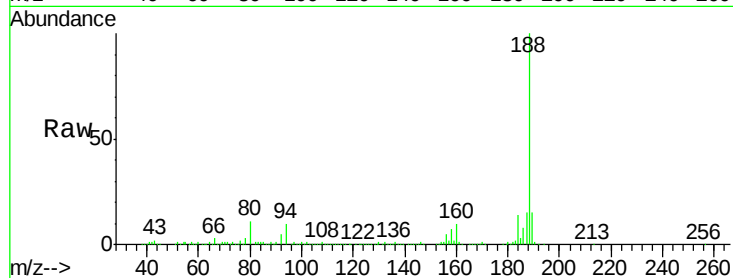




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

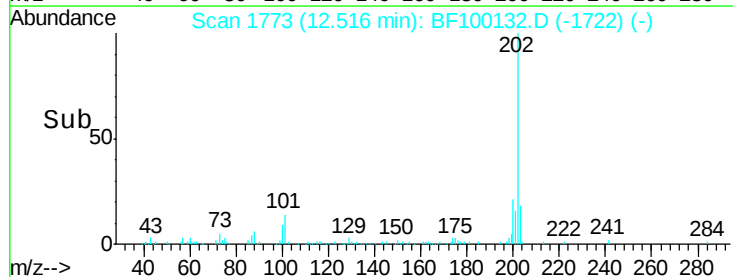
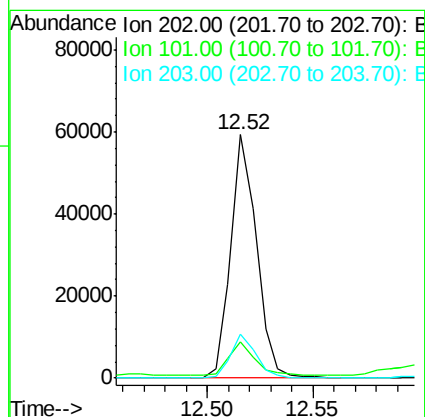
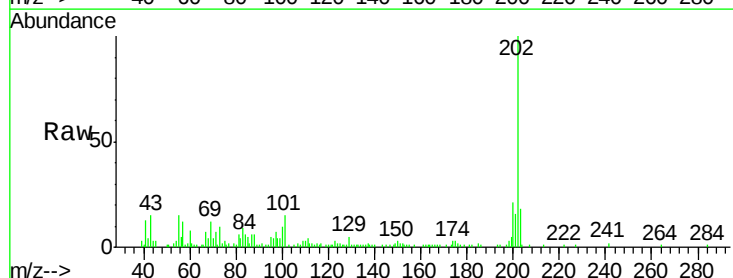
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WOODLAKE-DR-2-14-18

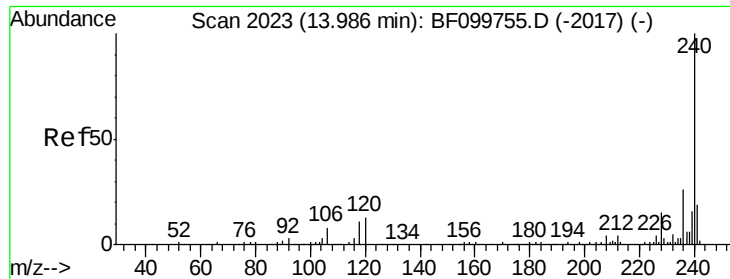
Tgt Ion:188 Resp: 335140
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.6 9.2 13.8



#74
Fluoranthene
Concen: 2.543 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Tgt Ion:202 Resp: 49990
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.1
203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

Instrument :

BNA_F

ClientSampleId :

WOODLAKE-DR-2-14-18

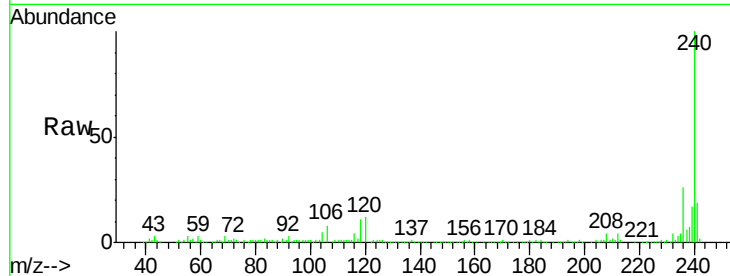
Tgt Ion:240 Resp: 215234

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

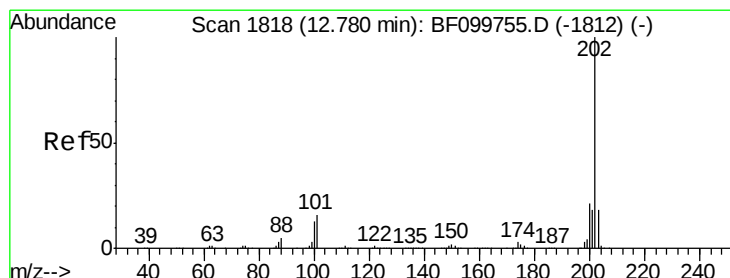
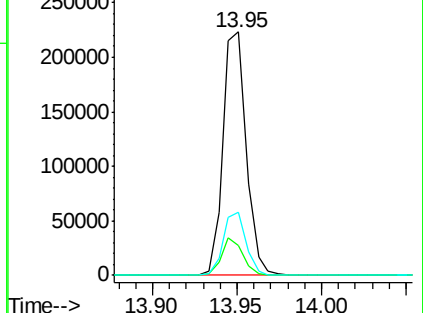
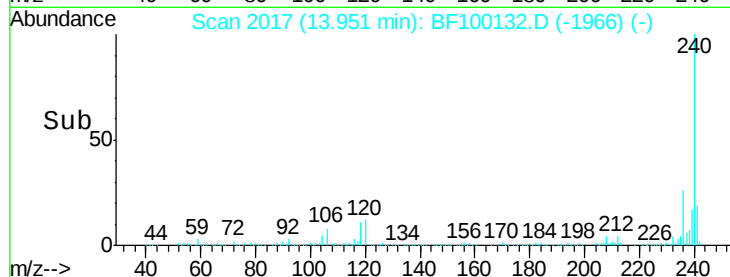
236 26.0 20.7 31.1



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



#77

Pyrene

Concen: 2.513 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

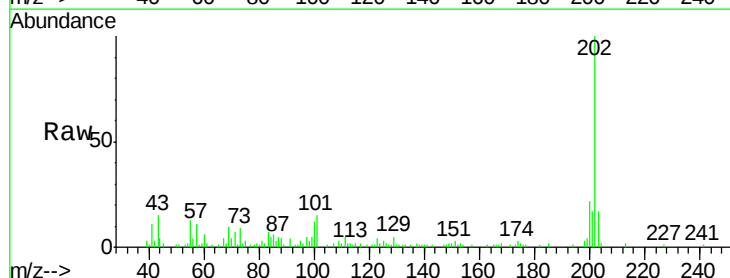
Tgt Ion:202 Resp: 41131

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

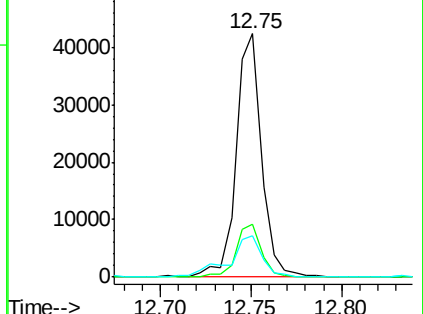
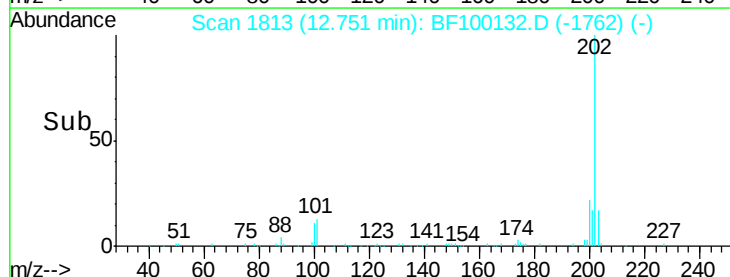
203 16.8 14.3 21.5

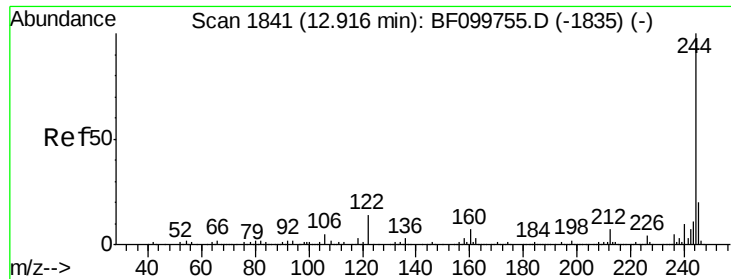


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 65.371 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

Instrument :

BNA_F

ClientSampleId :

WOODLAKE-DR-2-14-18

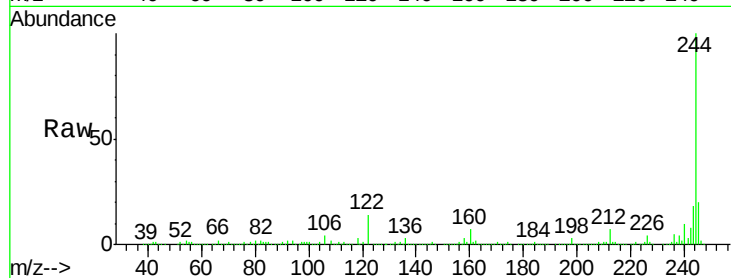
Tgt Ion:244 Resp: 643827

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

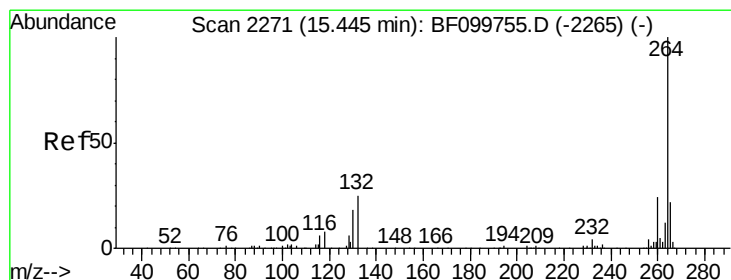
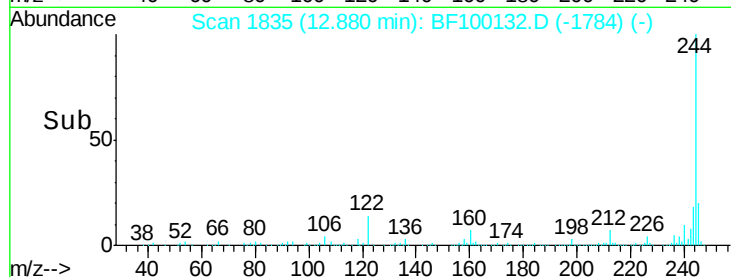
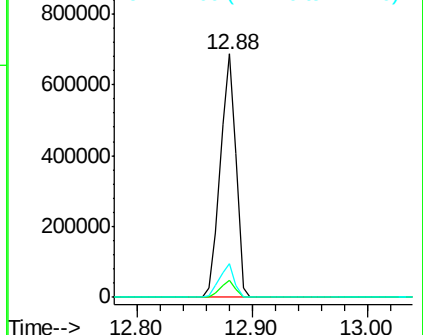
122 13.8 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

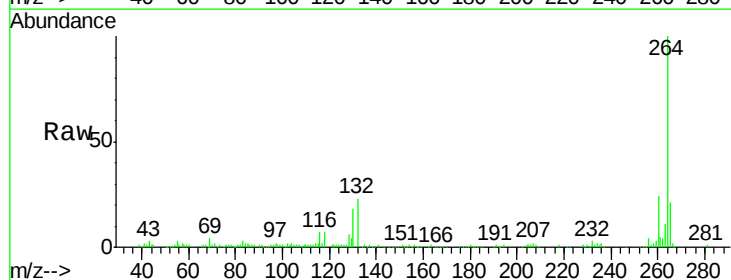
Tgt Ion:264 Resp: 152244

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.3 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

