

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099201.D
 Acq On : 7 Oct 2017 18:28
 Operator : SJ/JU
 Sample : I5658-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:37:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

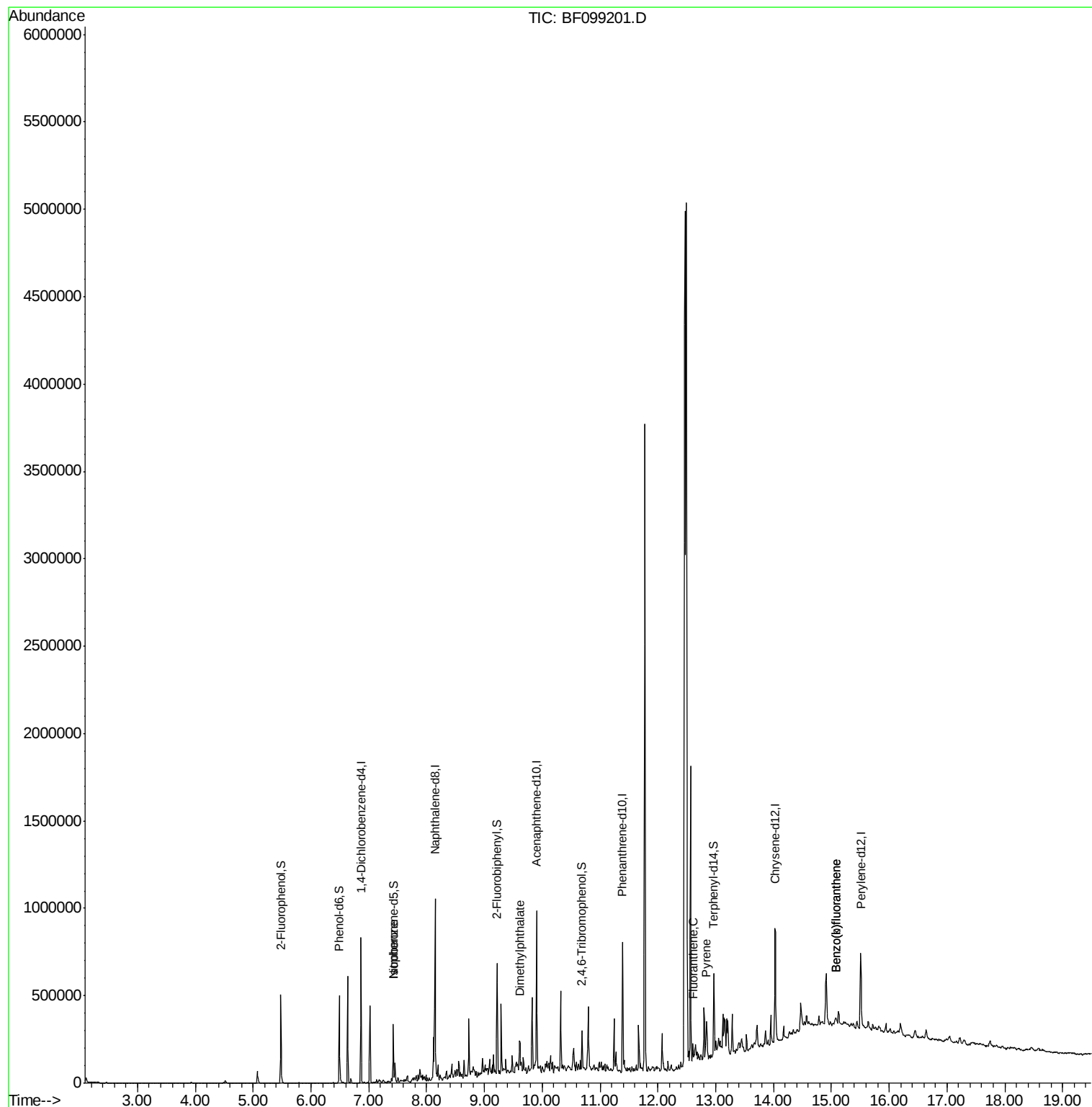
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120697	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	447722	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	171739	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	266111	20.00	ng	0.00
75) Chrysene-d12	14.03	240	221820	20.00	ng	0.00
86) Perylene-d12	15.51	264	165117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	154217	20.34	ng	0.00
7) Phenol-d6	6.49	99	181090	19.36	ng	0.00
23) Nitrobenzene-d5	7.42	82	95239	13.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	23642	16.82	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	191435	18.61	ng	-0.01
78) Terphenyl-d14	12.97	244	140493	14.40	ng	0.00
Target Compounds						
25) Isophorone	7.42	82	95237	6.598	ng	Qvalue # 64
49) Dimethylphthalate	9.61	163	26754	2.064	ng	99
74) Fluoranthene	12.60	202	29807	2.067	ng	98
77) Pyrene	12.83	202	34202	2.022	ng	99
87) Benzo(b)fluoranthene	15.07	252	21000	2.069	ng	# 54
88) Benzo(k)fluoranthene	15.07	252	21000	2.094	ng	# 58

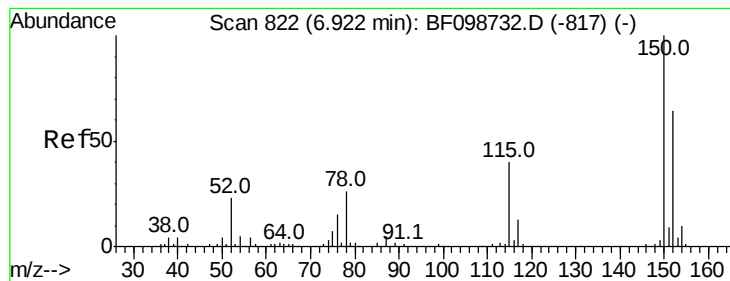
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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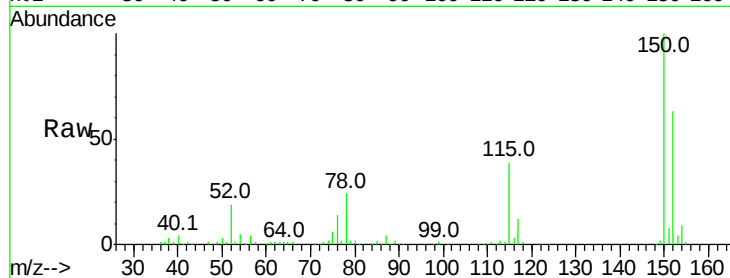


#1

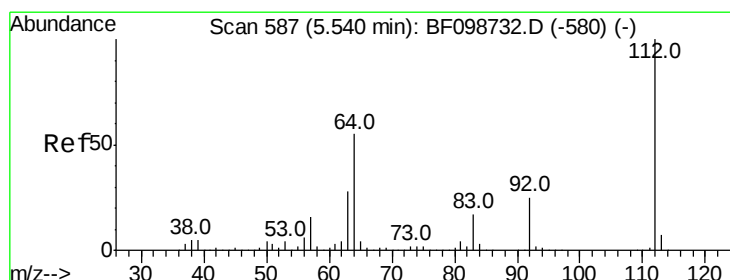
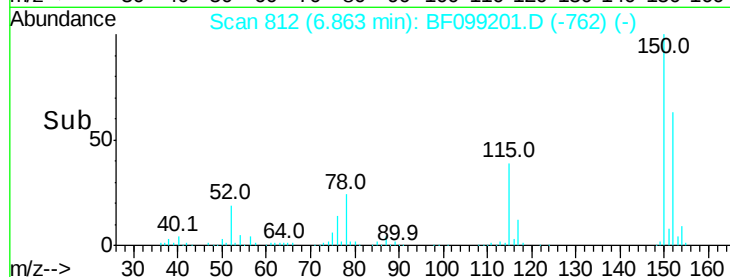
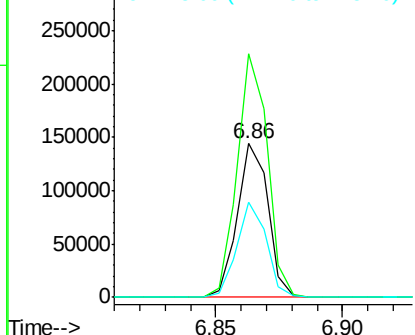
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099201.D
 Acq: 7 Oct 2017 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 120697
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 61.8 50.1 75.1



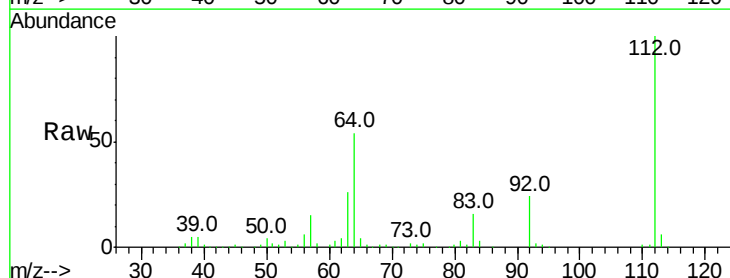
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



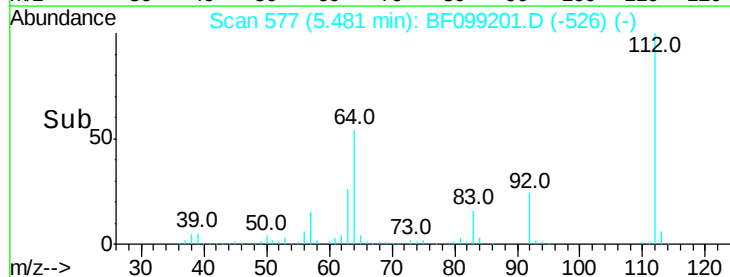
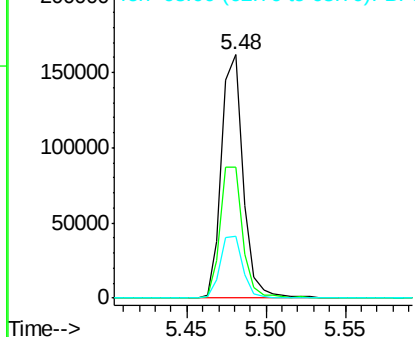
#5

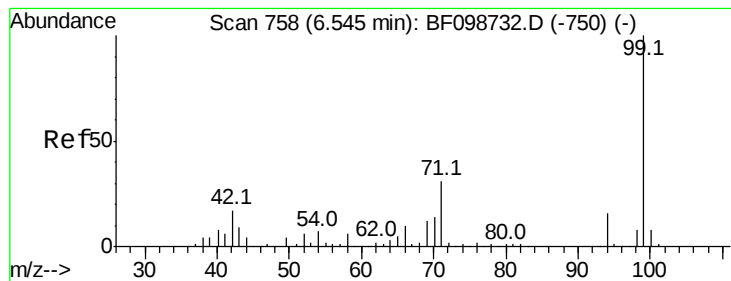
2-Fluorophenol
 Concen: 20.340 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF099201.D
 Acq: 7 Oct 2017 18:28

Tgt Ion:112 Resp: 154217
 Ion Ratio Lower Upper
 112 100
 64 53.6 47.9 71.9
 63 25.6 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: 19.361 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

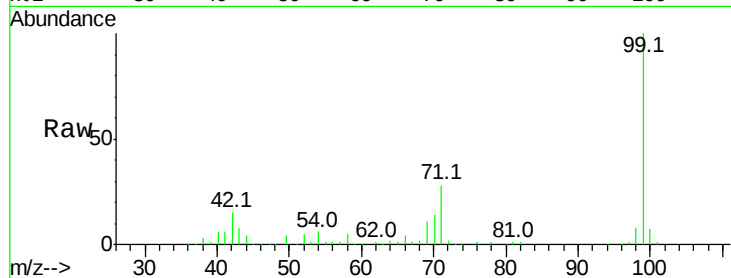
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 181090

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	28.1	25.4	38.0

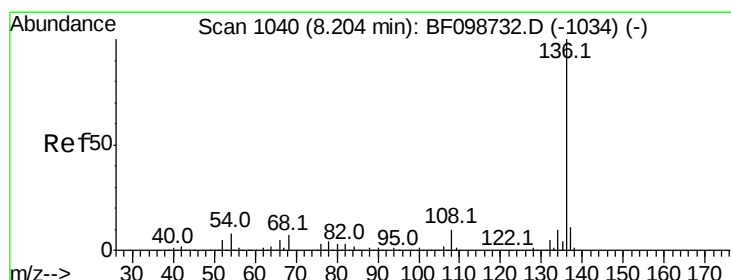
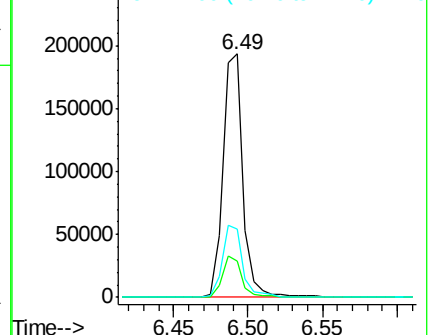
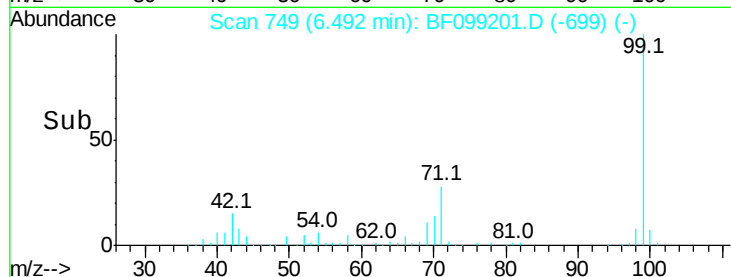


Abundance

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: 20.000 ng

RT: 8.15 min Scan# 1030

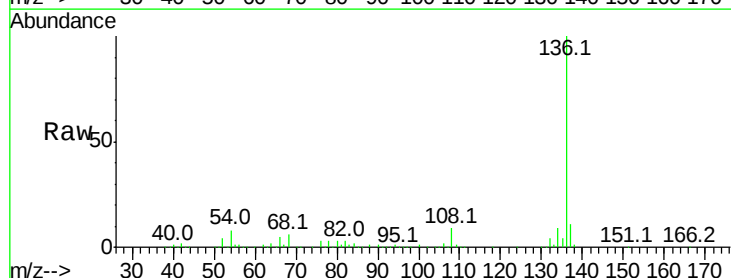
Delta R.T. -0.01 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

Tgt Ion: 136 Resp: 447722

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.1	6.6	9.8
68	6.4	5.0	7.4



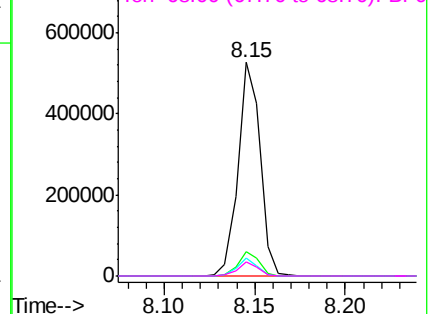
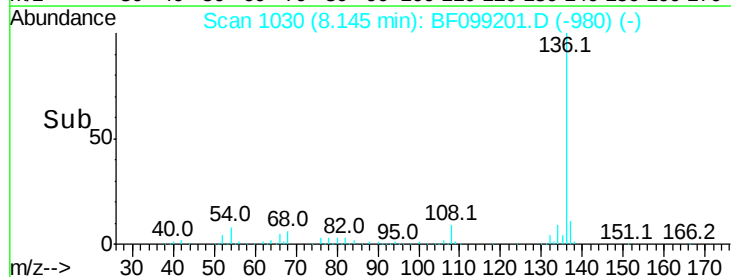
Abundance

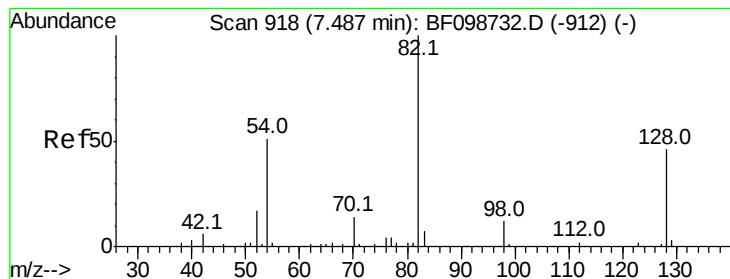
Ion 136.00 (135.70 to 136.70): E

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: 13.642 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

Instrument :

BNA_F

ClientSampleId :

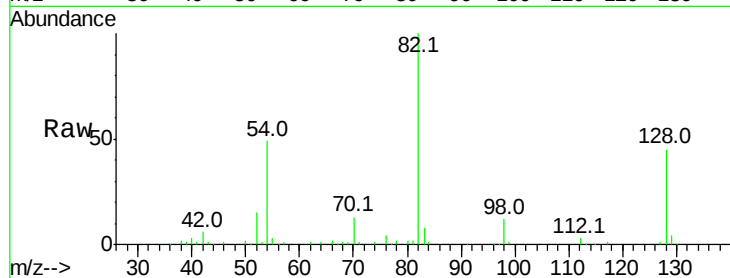
Tot Ion: 82 Resp: 95239

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

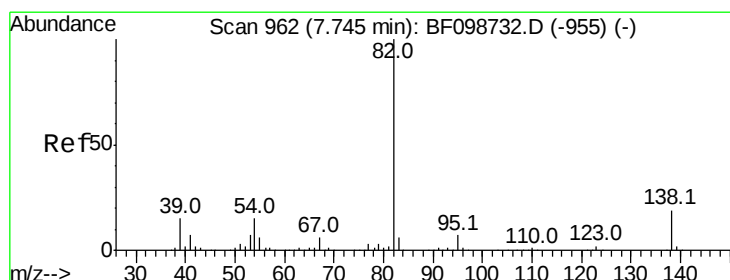
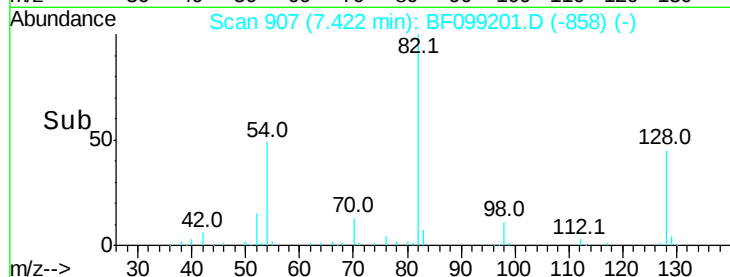
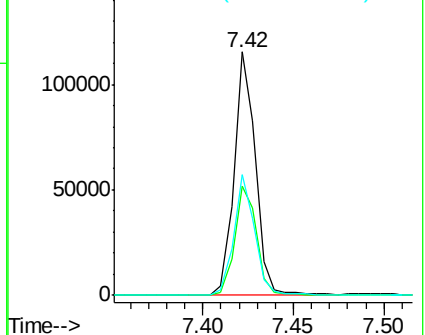
54 49.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 6.598 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.27 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

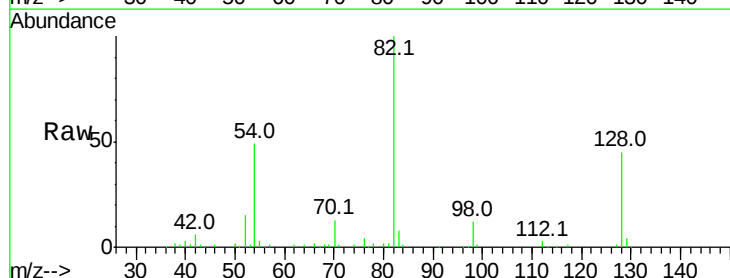
Tgt Ion: 82 Resp: 95237

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

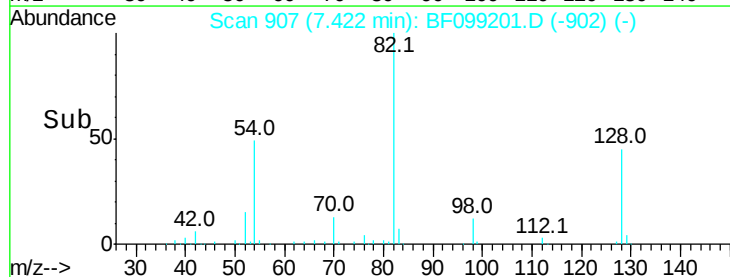
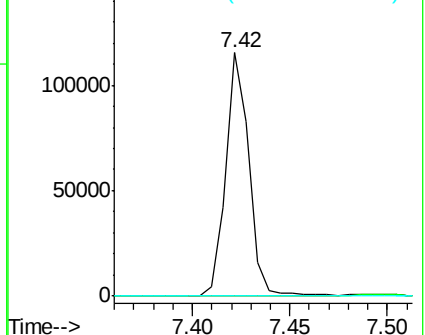
138 0.0 14.9 22.3#

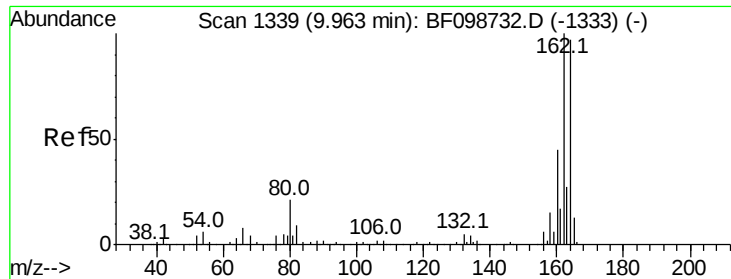


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

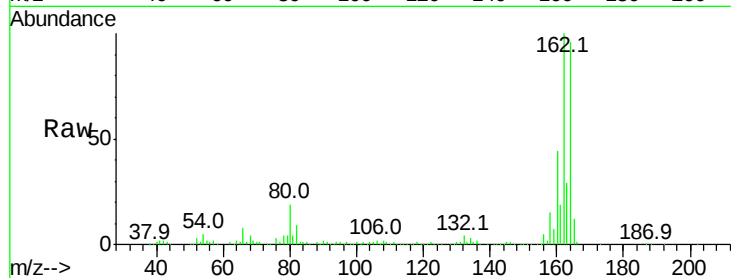




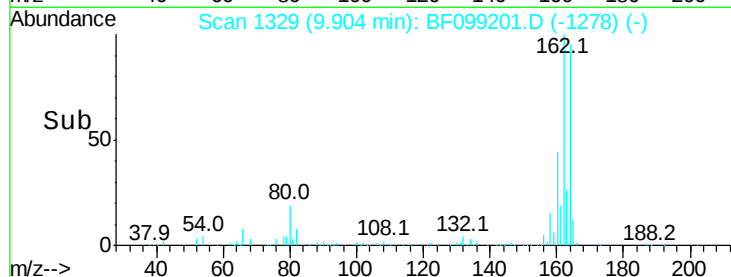
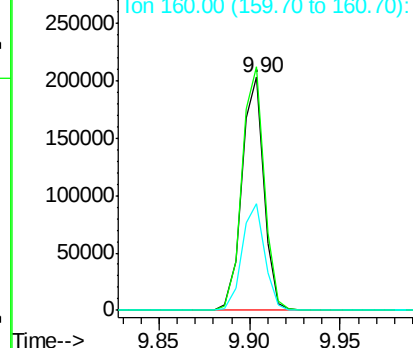
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF099201.D
 Acq: 7 Oct 2017 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 171739
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 45.9 38.3 57.5

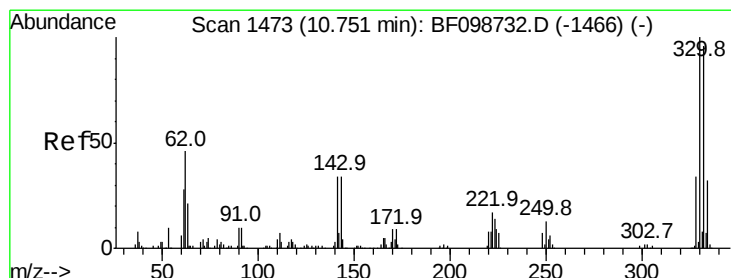


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

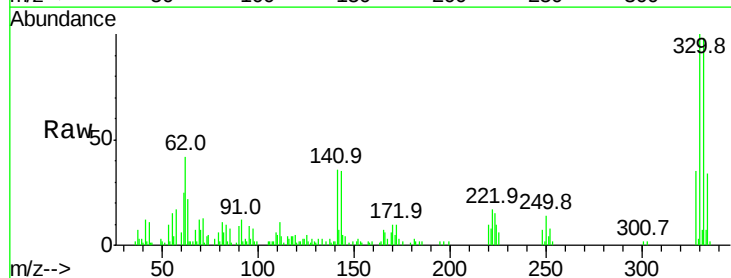
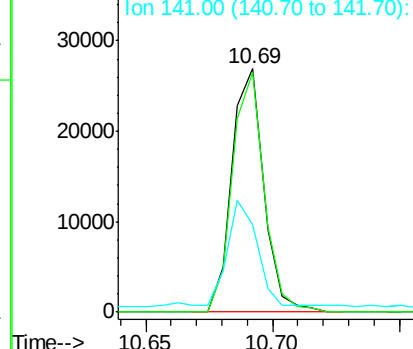


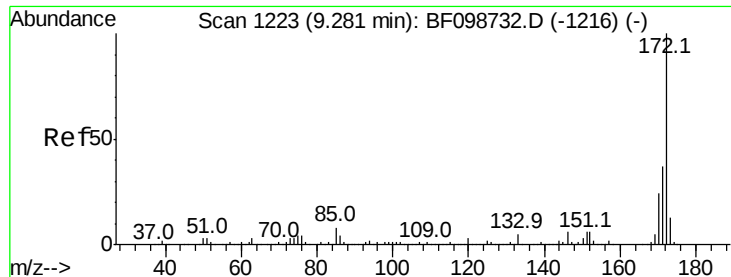
#41
 2,4,6-Tribromophenol
 Concen: 16.824 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099201.D
 Acq: 7 Oct 2017 18:28

Tgt Ion:330 Resp: 23642
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 46.2 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

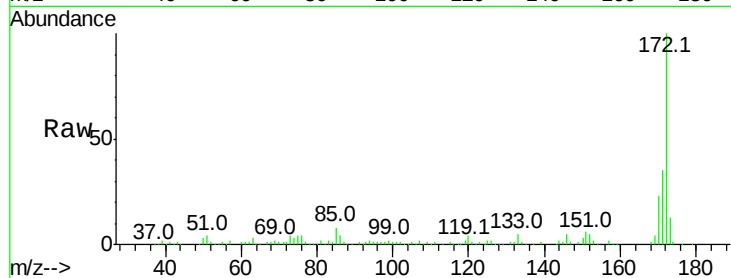




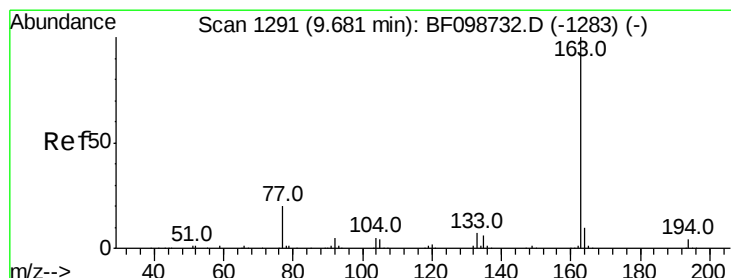
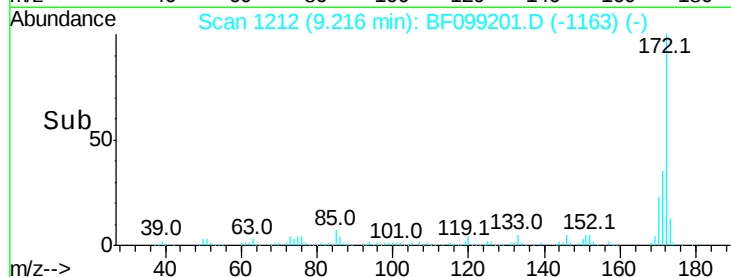
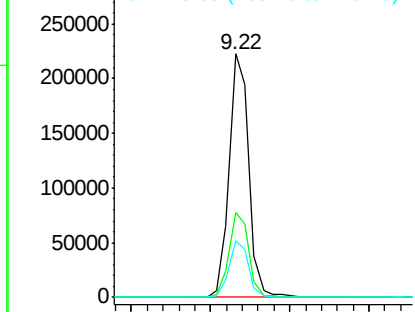
#44
2-Fluorobiphenyl
Concen: 18.609 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099201.D
Acq: 7 Oct 2017 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 191435
Ion Ratio Lower Upper
172 100
171 34.9 29.7 44.5
170 23.2 19.6 29.4

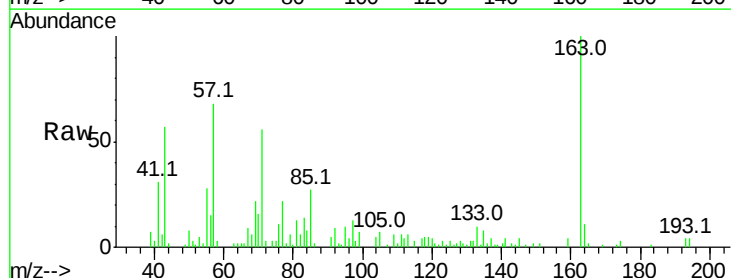


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

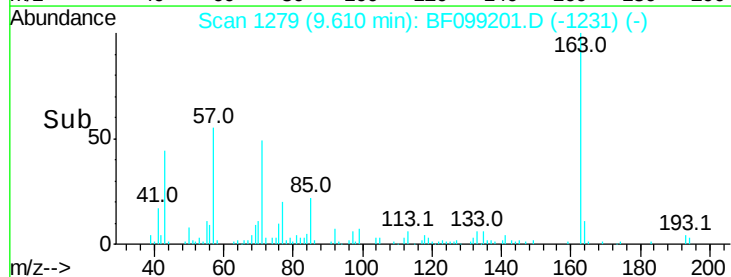
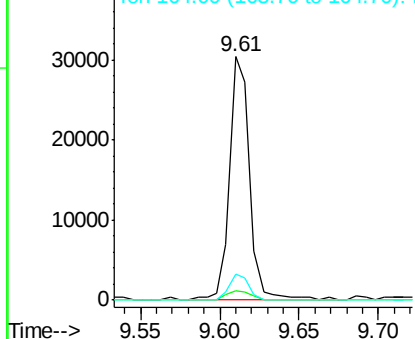


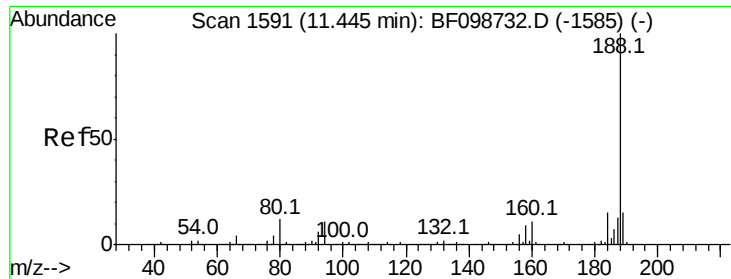
#49
Dimethylphthalate
Concen: 2.064 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099201.D
Acq: 7 Oct 2017 18:28

Tgt Ion:163 Resp: 26754
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.7 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

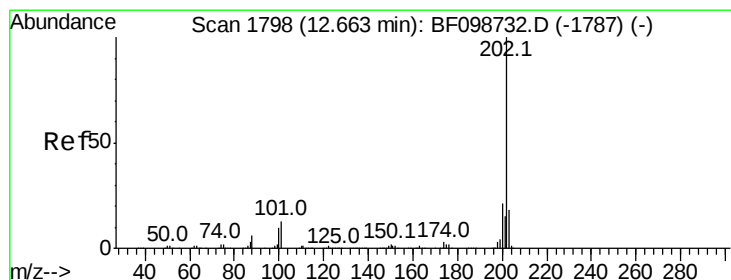
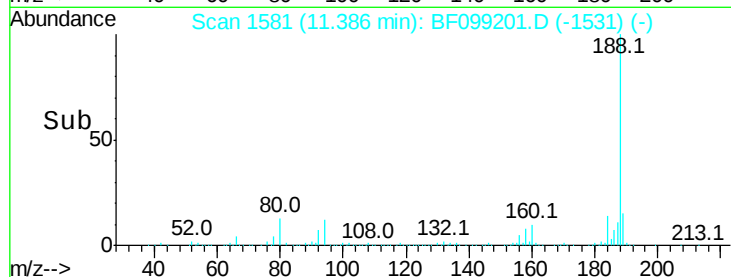
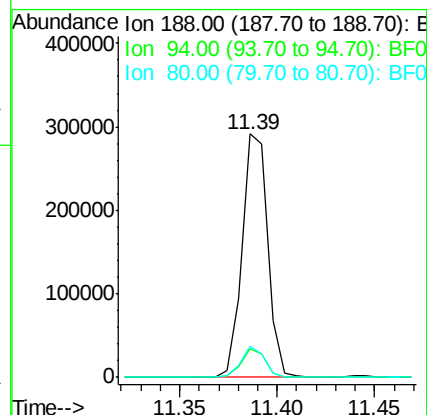
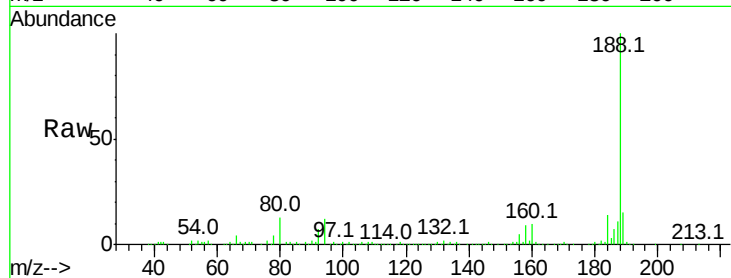




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099201.D
Acq: 7 Oct 2017 18:28

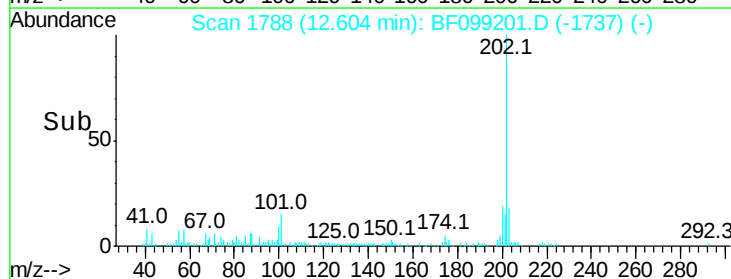
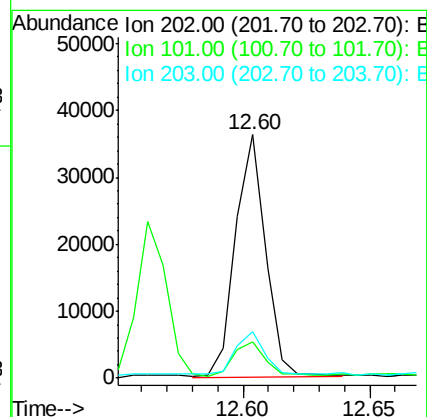
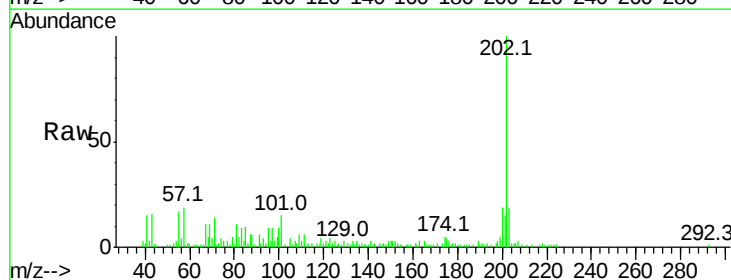
Instrument :
BNA_F
ClientSampleId :

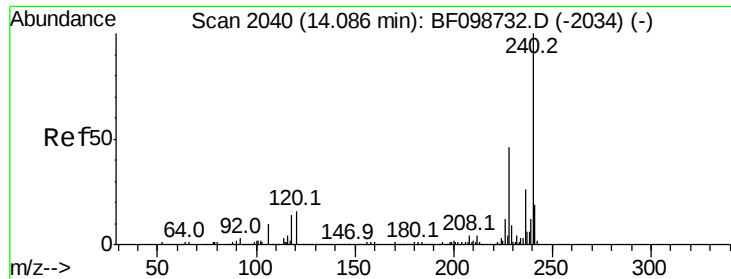
Tot Ion:188 Resp: 266111
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.8 9.2 13.8



#74
Fluoranthene
Concen: 2.067 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099201.D
Acq: 7 Oct 2017 18:28

Tgt Ion:202 Resp: 29807
Ion Ratio Lower Upper
202 100
101 15.0 0.0 34.1
203 18.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

Instrument :

BNA_F

ClientSampleId :

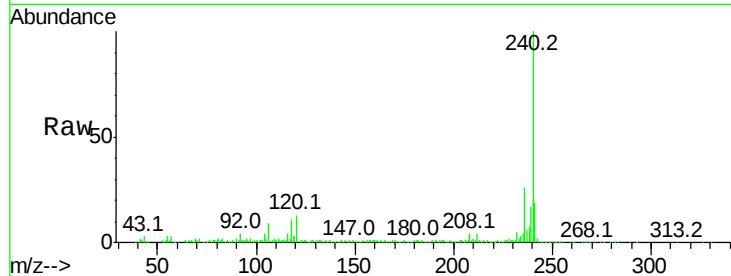
Tot Ion:240 Resp: 221820

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

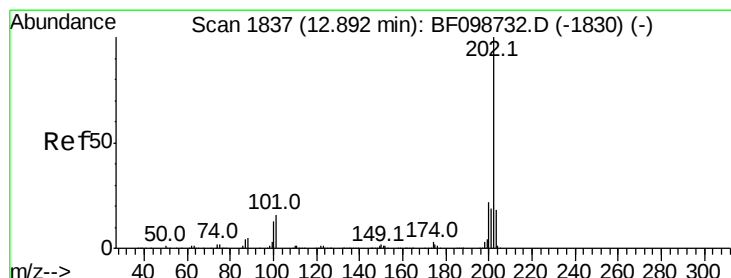
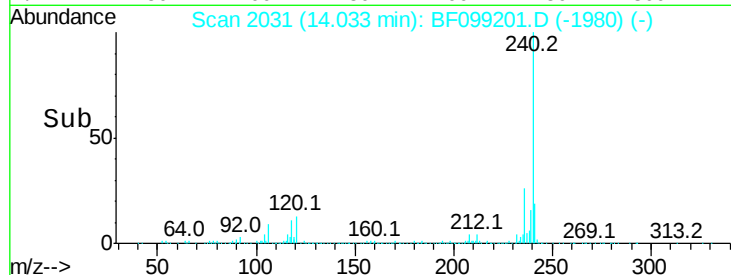
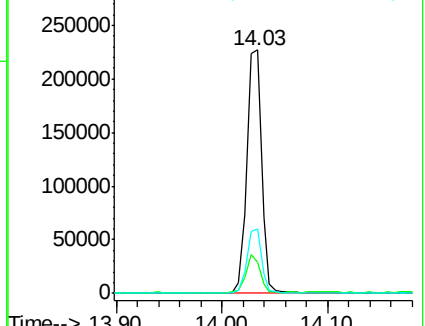
236 26.2 20.7 31.1



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: 2.022 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

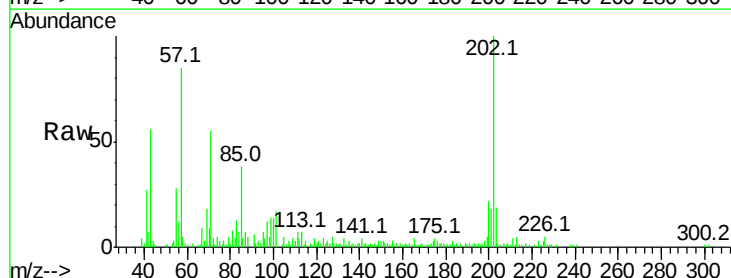
Tgt Ion:202 Resp: 34202

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

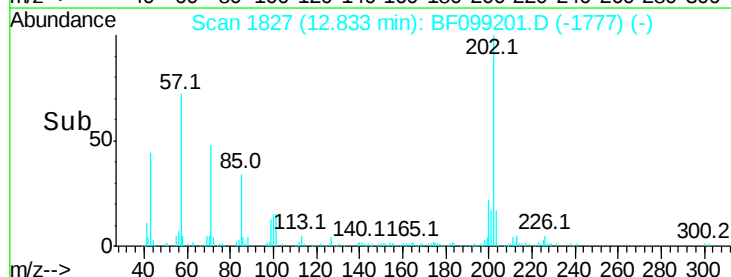
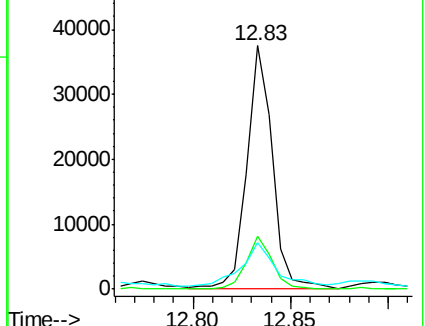
203 19.1 14.3 21.5

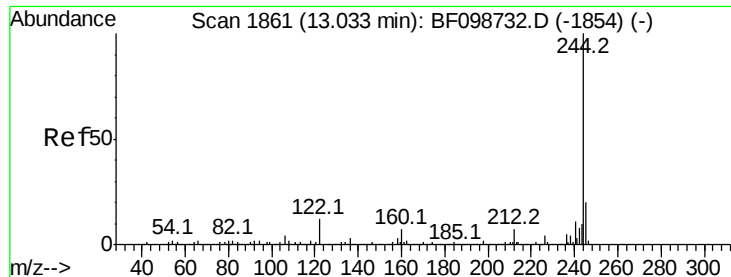


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 14.404 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

Instrument :

BNA_F

ClientSampleId :

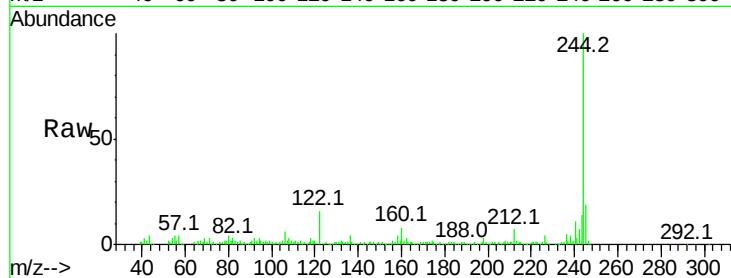
Tot Ion:244 Resp: 140493

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

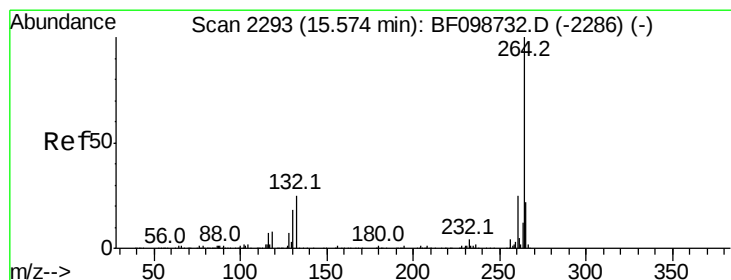
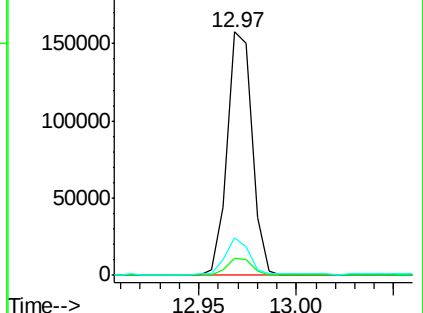
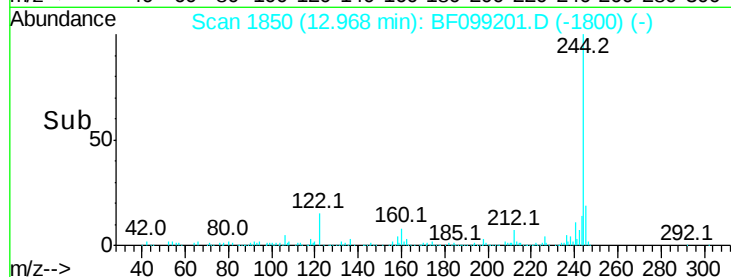
122 15.5 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

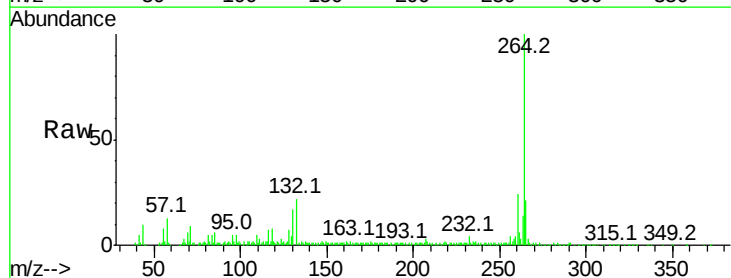
Tgt Ion:264 Resp: 165117

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

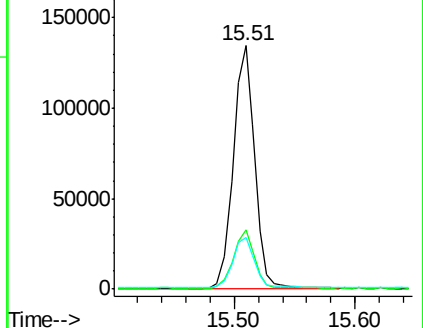
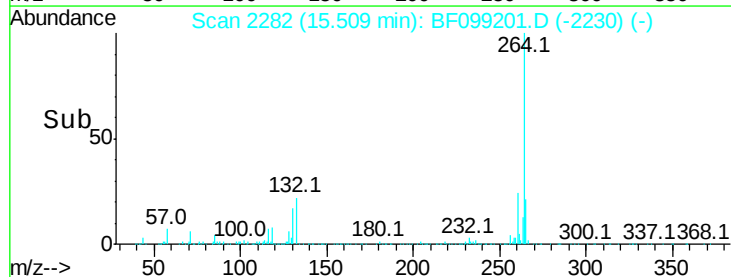
265 21.2 17.5 26.3

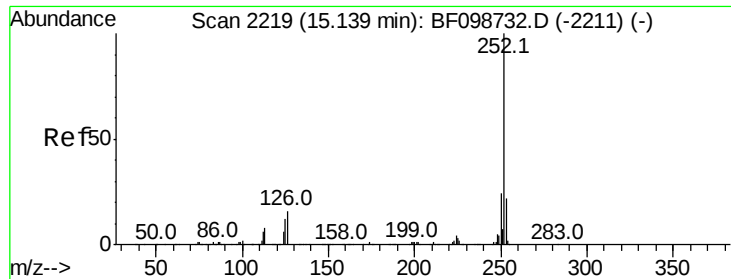


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.069 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

Instrument :

BNA_F

ClientSampleId :

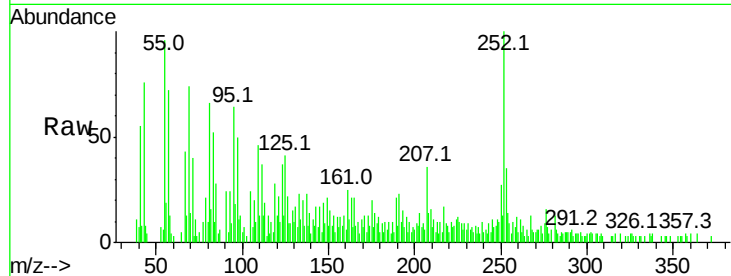
Tot Ion:252 Resp: 21000

Ion Ratio Lower Upper

252 100

253 34.8 17.0 25.6#

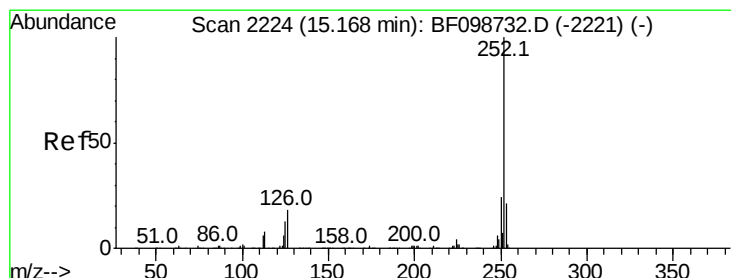
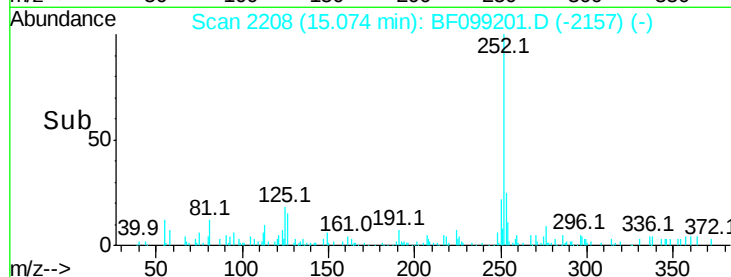
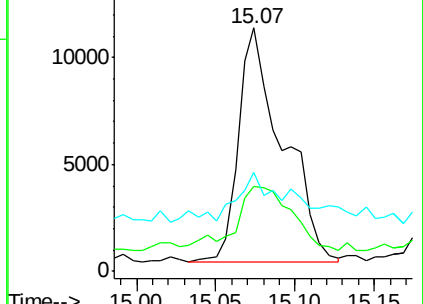
125 40.8 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.094 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.04 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

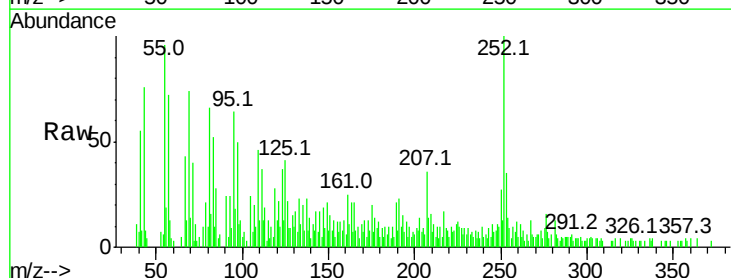
Tgt Ion:252 Resp: 21000

Ion Ratio Lower Upper

252 100

253 34.8 17.9 26.9#

125 40.8 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

