

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099034.D
 Acq On : 3 Oct 2017 16:26
 Operator : SJ/JU
 Sample : I5432-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E7-E8-F7-F8

Quant Time: Oct 03 17:14:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 17:12:12 2017
 Response via : Initial Calibration

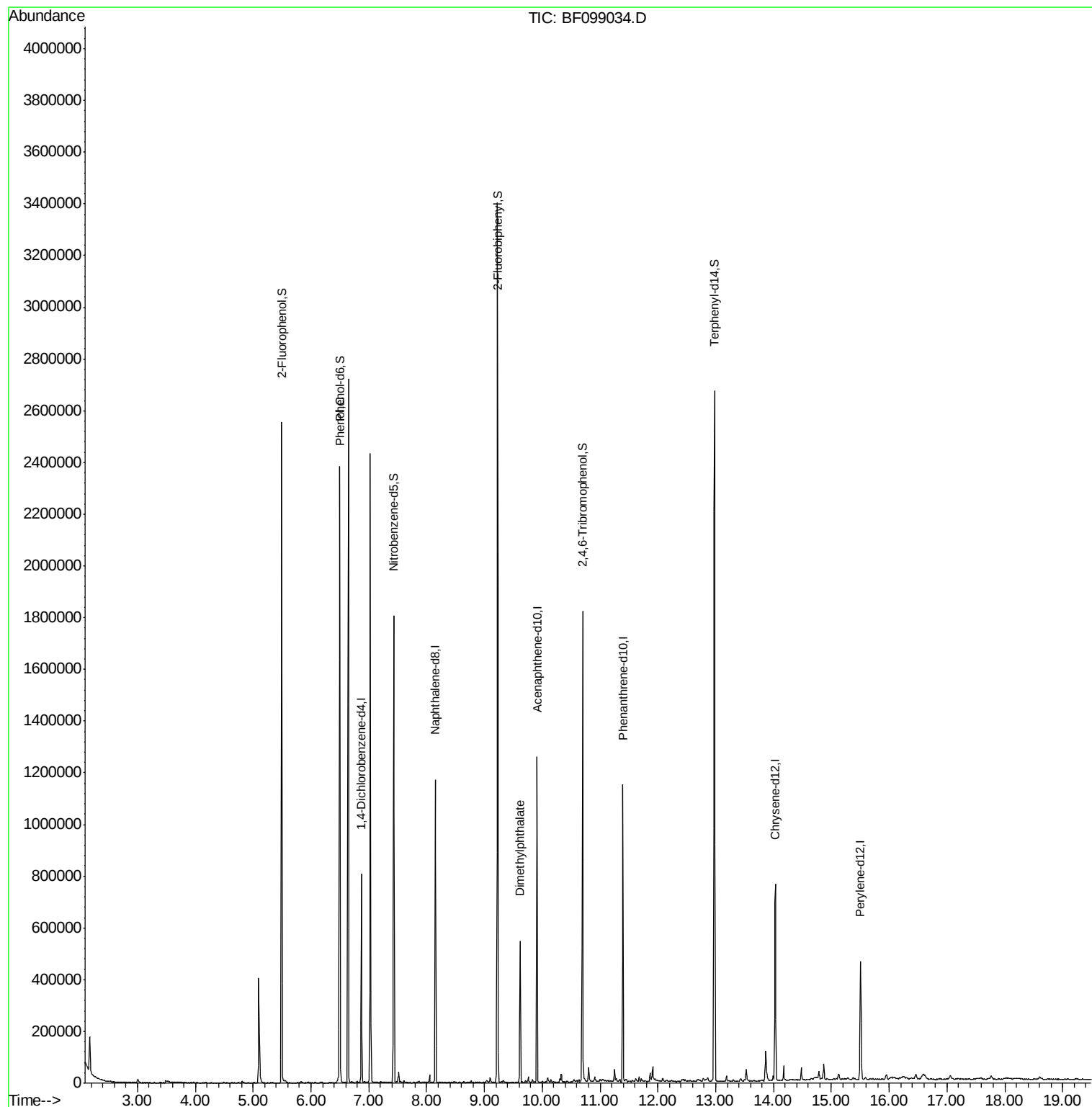
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	123960	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	515457	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	236273	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	404328	20.00	ng	0.00
75) Chrysene-d12	14.03	240	246034	20.00	ng	0.00
86) Perylene-d12	15.50	264	193817	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	826876	106.19	ng	0.00
7) Phenol-d6	6.50	99	996985	103.79	ng	0.00
23) Nitrobenzene-d5	7.43	82	603702	75.11	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	203417	105.21	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1085565	76.70	ng	0.00
78) Terphenyl-d14	12.98	244	846327	78.23	ng	0.00
Target Compounds						
10) Phenol	6.51	94	26301	2.448	ng	97
49) Dimethylphthalate	9.62	163	216706	12.152	ng	99

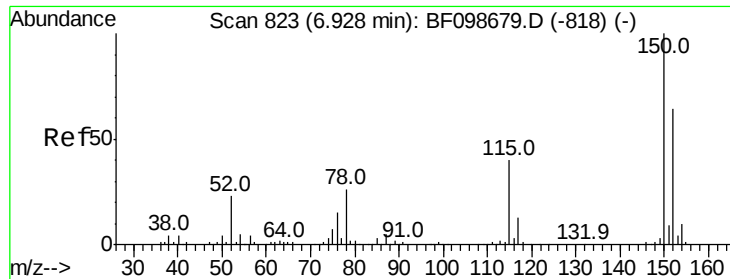
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E7-E8-F7-F8

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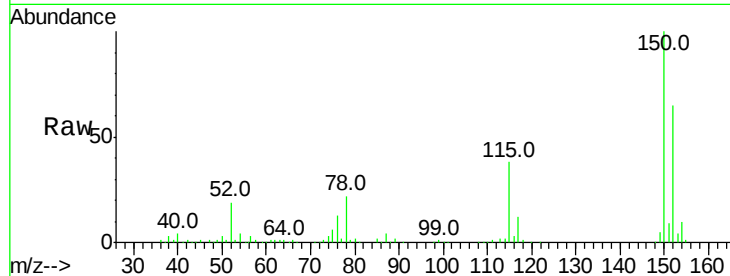


#1

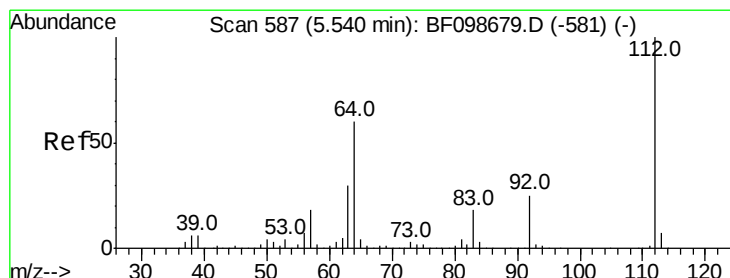
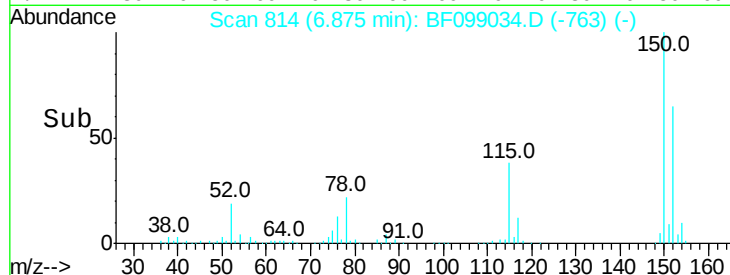
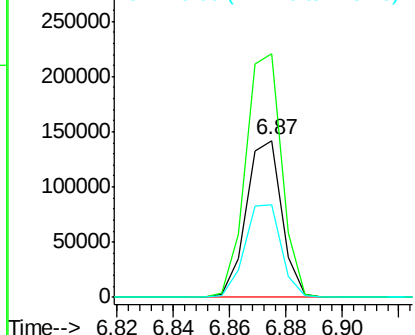
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E7-E8-F7-F8

Tot Ion:152 Resp: 123960
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 59.2 50.1 75.1



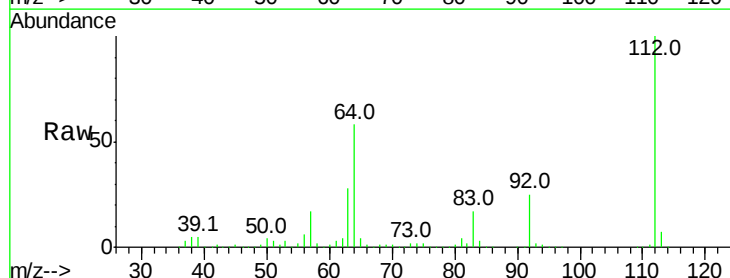
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



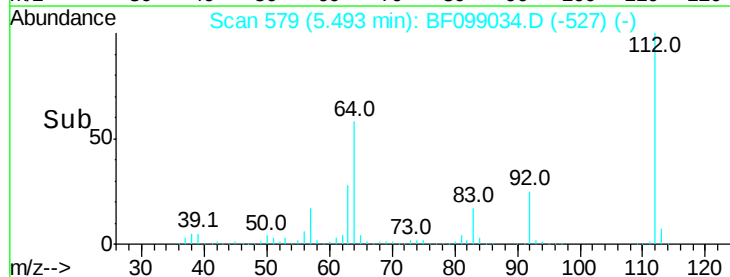
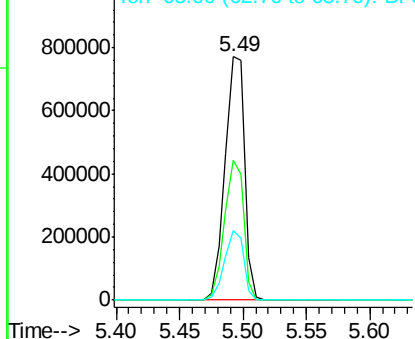
#5

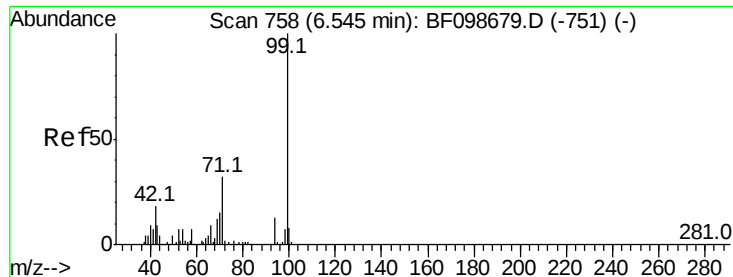
2-Fluorophenol
Concen: 106.188 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Tgt Ion:112 Resp: 826876
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 28.4 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: 103.787 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E7-E8-F7-F8

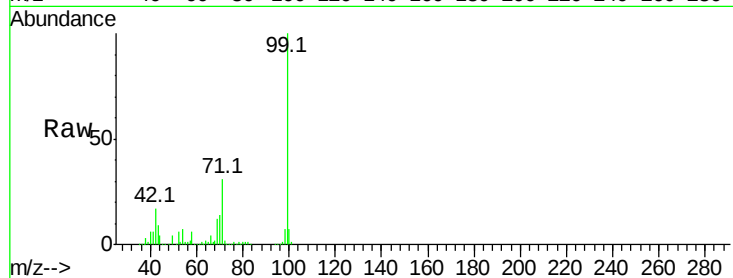
Tot Ion: 99 Resp: 996985

Ion Ratio Lower Upper

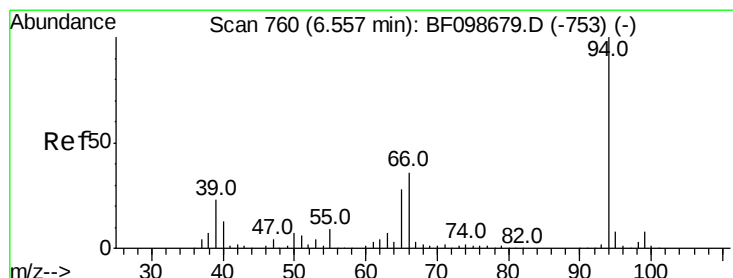
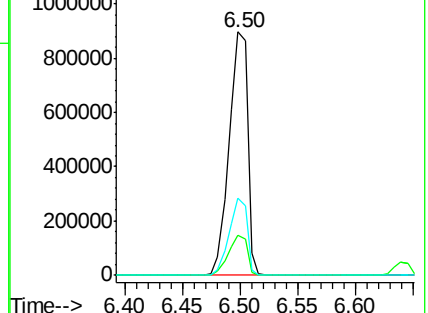
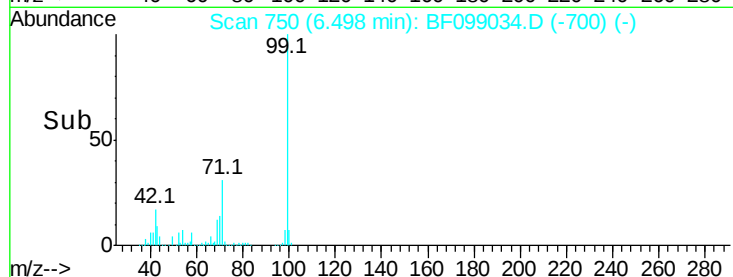
99 100

42 16.5 14.5 21.7

71 31.5 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



#10

Phenol

Concen: 2.448 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

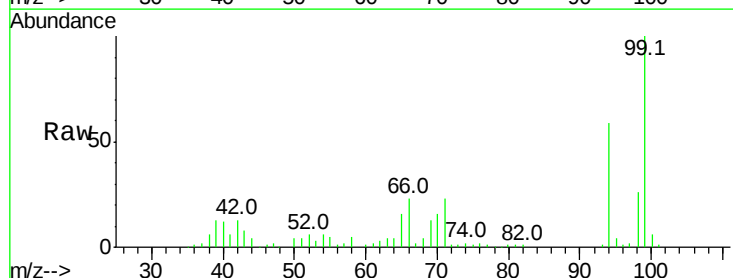
Tgt Ion: 94 Resp: 26301

Ion Ratio Lower Upper

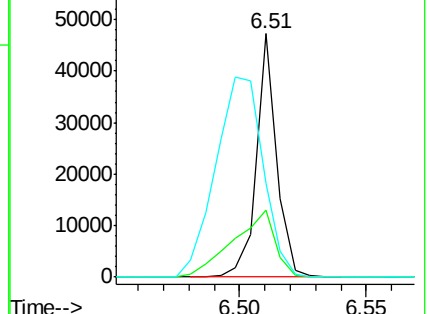
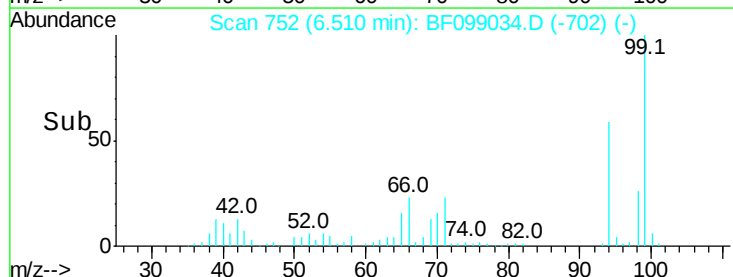
94 100

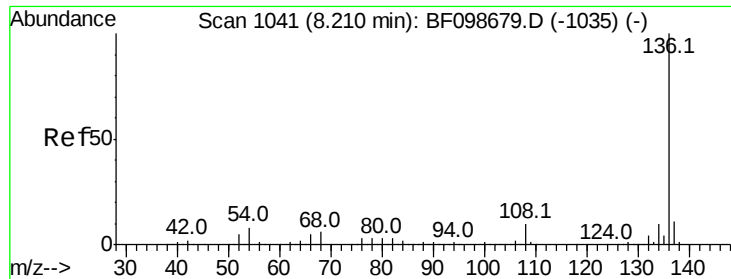
65 27.4 7.9 47.9

66 38.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

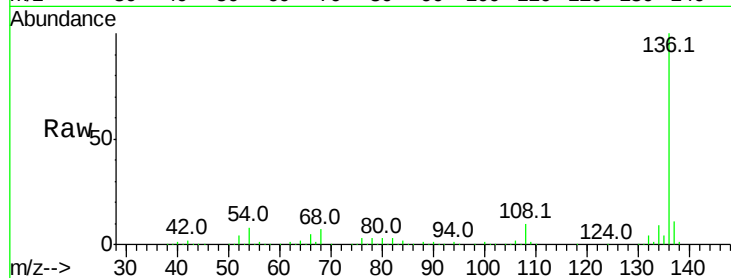




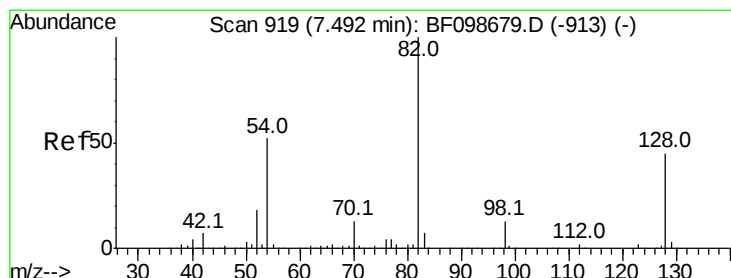
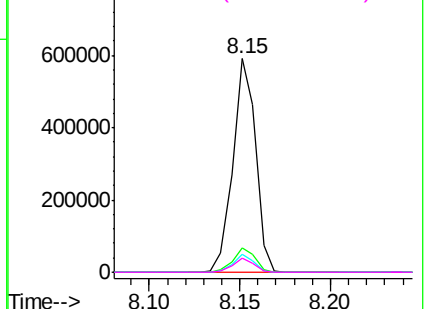
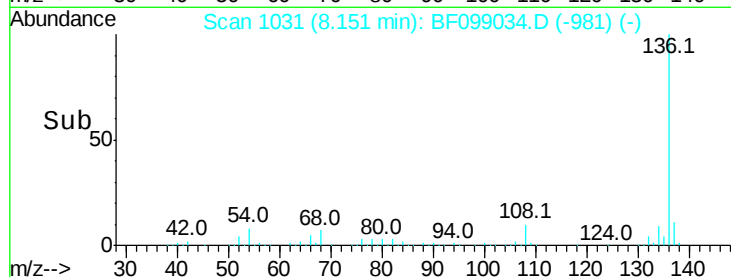
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E7-E8-F7-F8

Tot Ion:	136	Resp:	515457
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.4	6.6	9.8
68	6.5	5.0	7.4

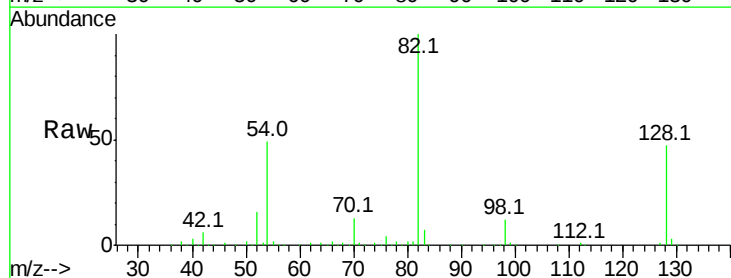


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

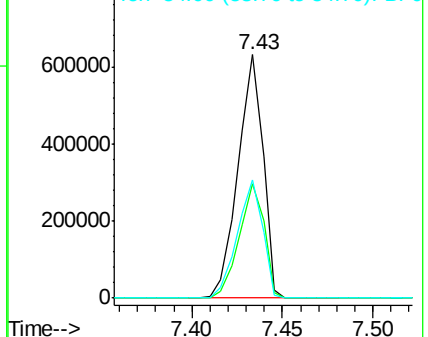
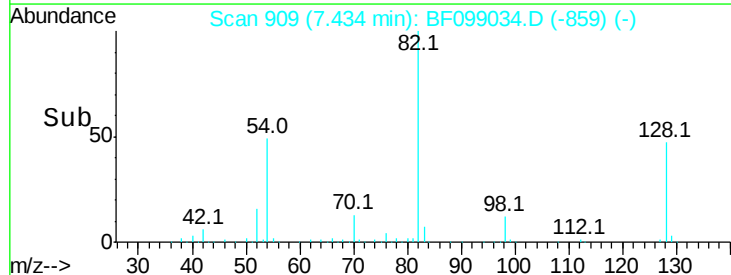


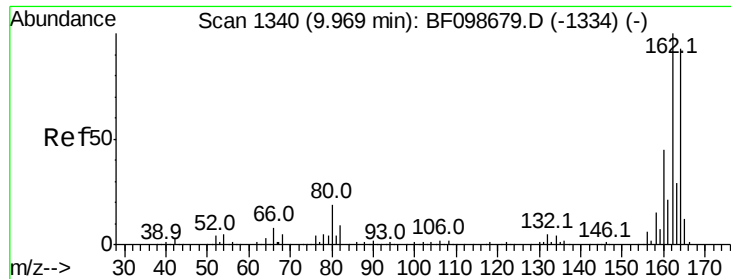
#23
Nitrobenzene-d5
Concen: 75.109 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Tgt Ion:	82	Resp:	603702
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	48.8	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

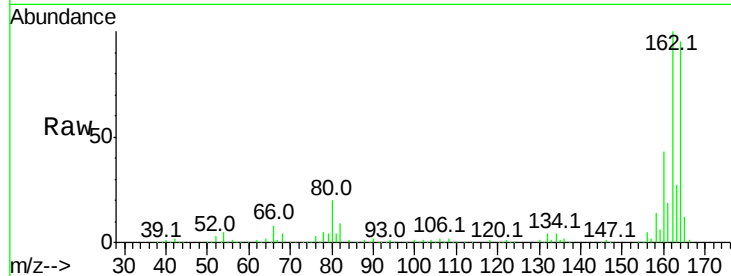




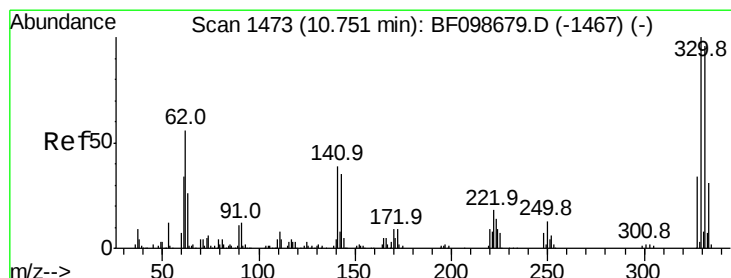
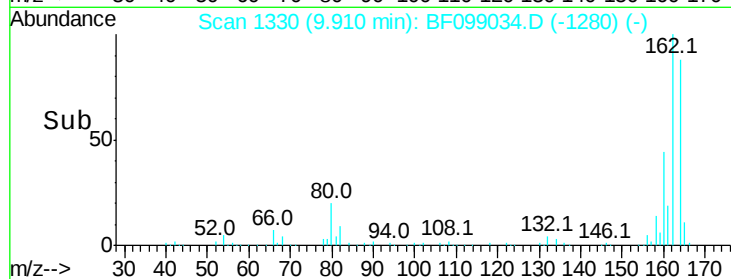
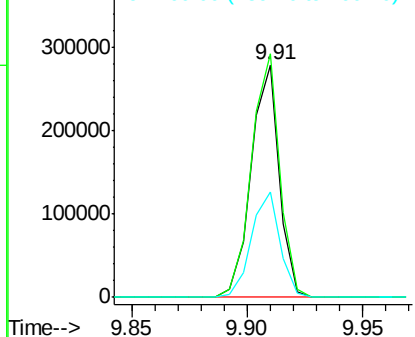
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-E7-E8-F7-F8

Tot Ion:164 Resp: 236273
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 45.4 38.3 57.5

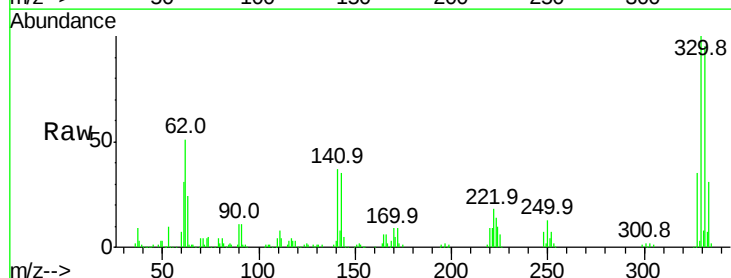


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

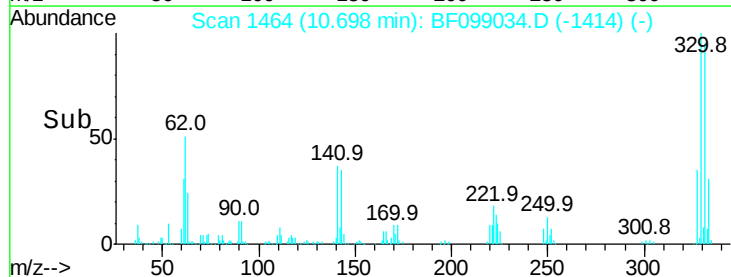
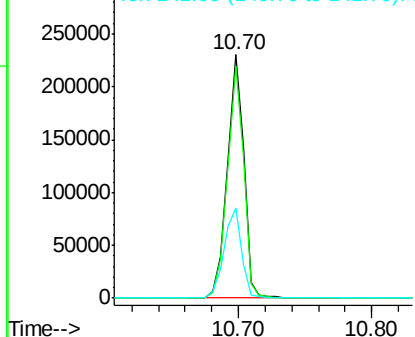


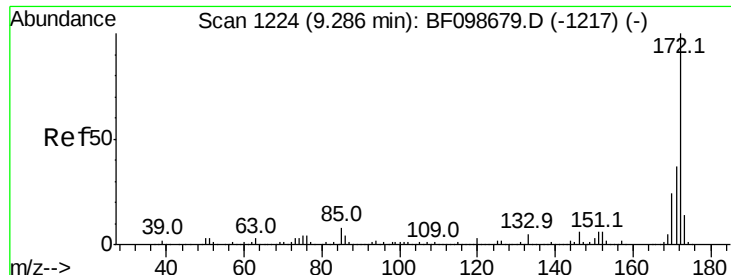
#41
 2,4,6-Tribromophenol
 Concen: 105.215 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF099034.D
 Acq: 3 Oct 2017 16:26

Tgt Ion:330 Resp: 203417
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 38.9 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

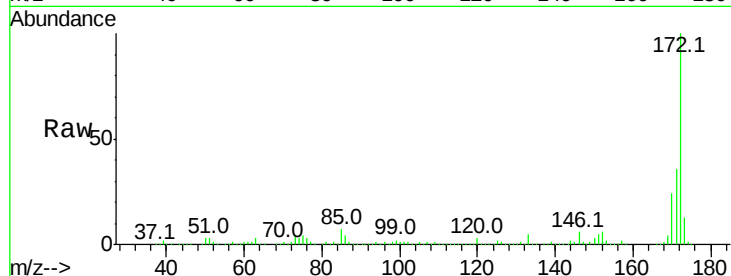




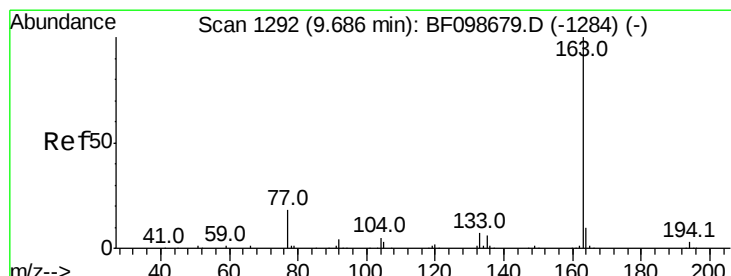
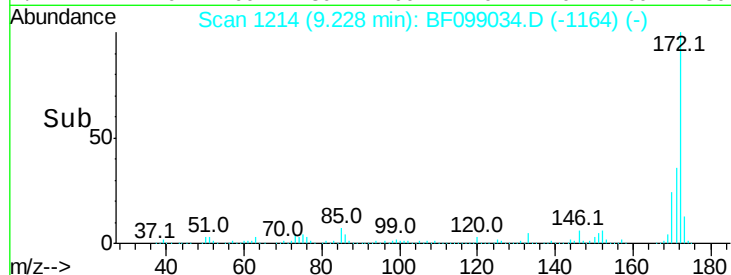
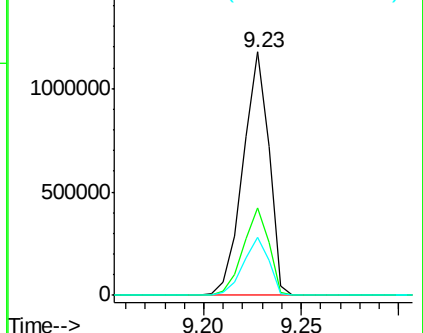
#44
2-Fluorobiphenyl
Concen: 76.702 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E7-E8-F7-F8

Tot Ion:172 Resp: 1085565
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.0 19.6 29.4

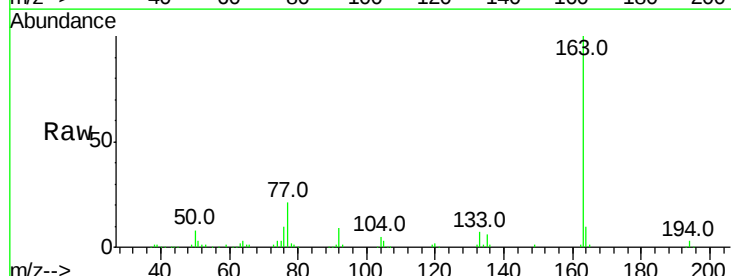


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

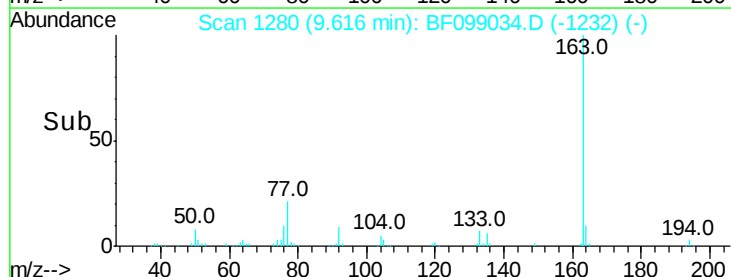
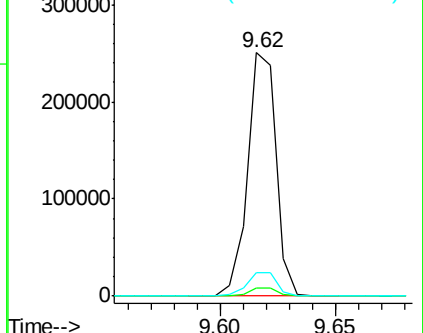


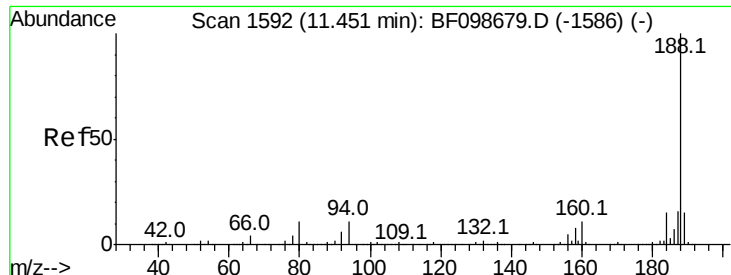
#49
Dimethylphthalate
Concen: 12.152 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Tgt Ion:163 Resp: 216706
Ion Ratio Lower Upper
163 100
194 3.2 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

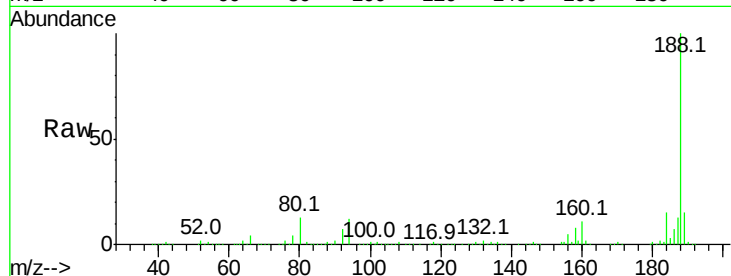




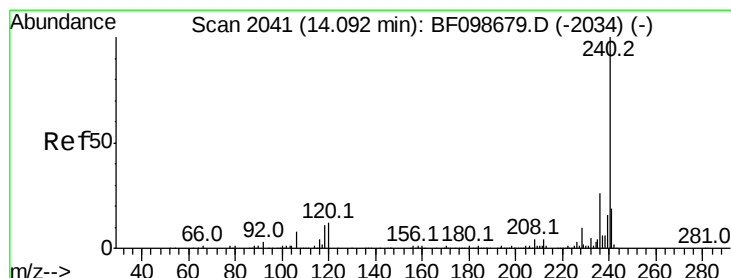
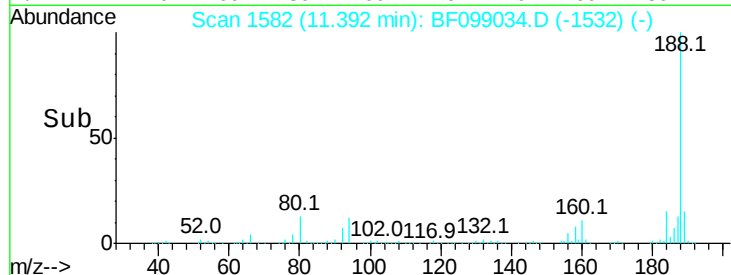
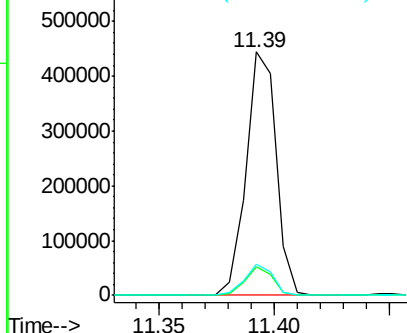
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-E7-E8-F7-F8

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	12.9	9.2	13.8

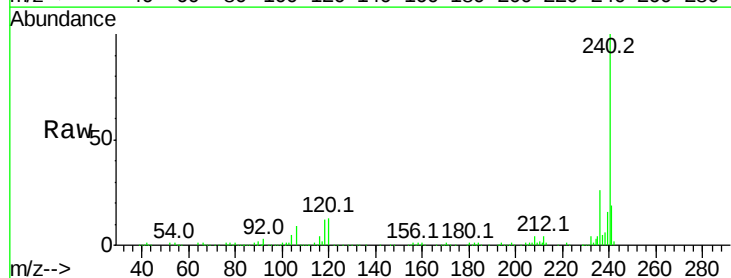


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

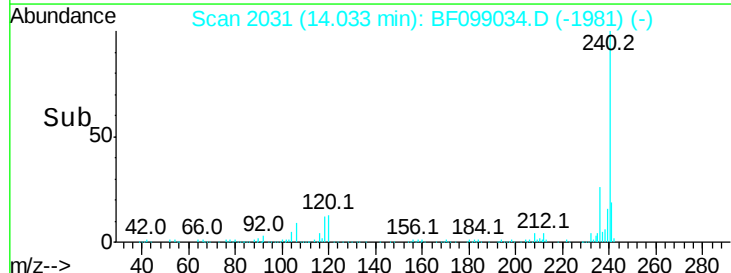
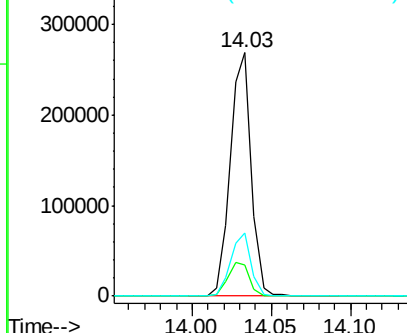


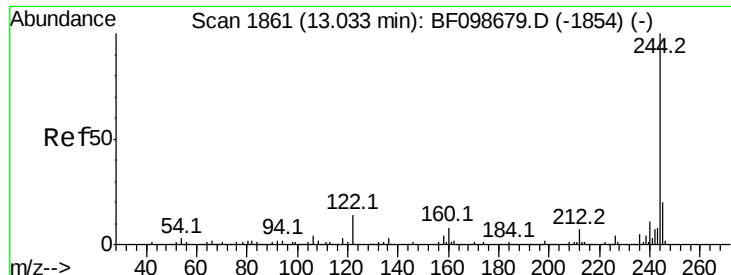
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF099034.D
Acq: 3 Oct 2017 16:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	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





#78

Terphenyl-d14

Concen: 78.230 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-E7-E8-F7-F8

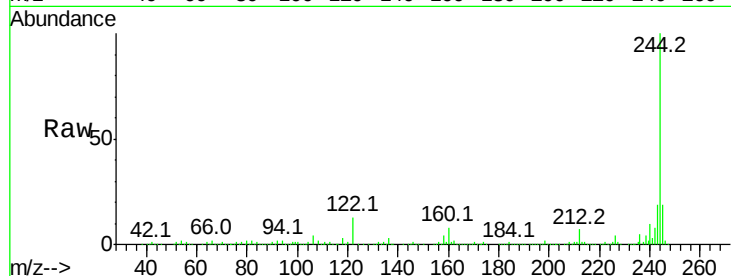
Tot Ion:244 Resp: 846327

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

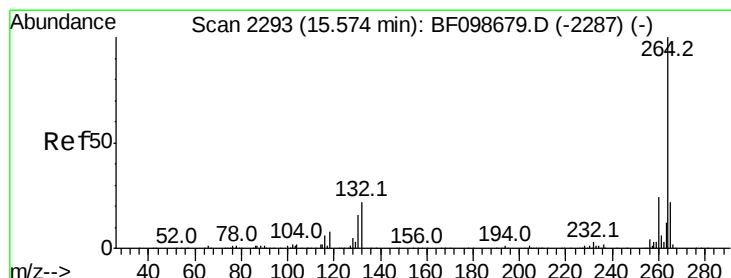
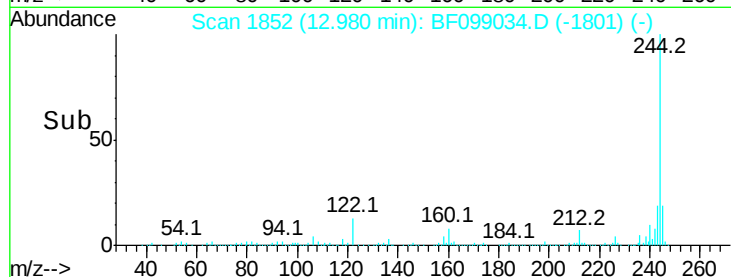
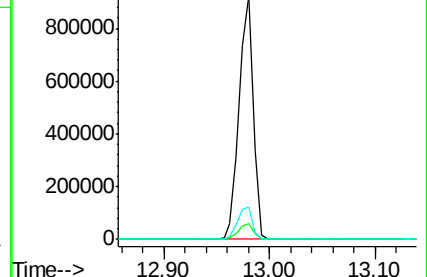
122 13.2 11.0 16.4



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: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF099034.D

Acq: 3 Oct 2017 16:26

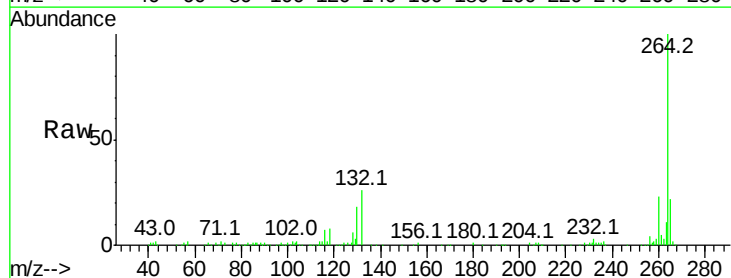
Tgt Ion:264 Resp: 193817

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.2 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

