

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099216.D
 Acq On : 8 Oct 2017 2:55
 Operator : SJ/JU
 Sample : I5678-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417

Quant Time: Oct 08 05:31:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

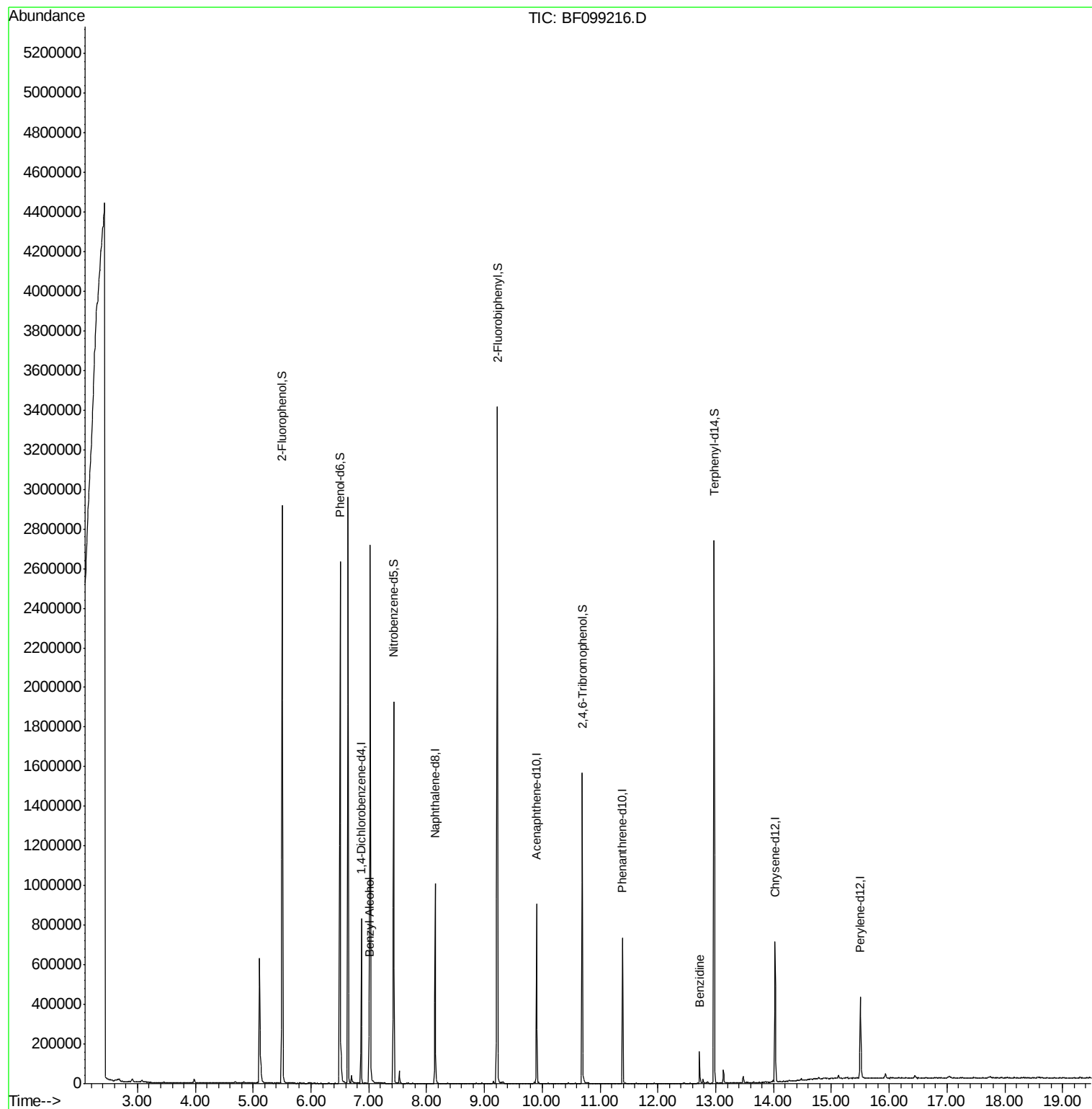
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120327	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	458811	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	176669	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	270757	20.00	ng	0.00
75) Chrysene-d12	14.03	240	217818	20.00	ng	0.00
86) Perylene-d12	15.50	264	168965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	962605	127.35	ng	0.02
7) Phenol-d6	6.50	99	1075043	115.29	ng	0.00
23) Nitrobenzene-d5	7.43	82	660557	92.33	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	184037	127.31	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1165857	110.17	ng	0.00
78) Terphenyl-d14	12.97	244	866519	90.47	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.00	79	67463	9.862	ng	94
76) Benzidine	12.72	184	64564	8.014	ng	98

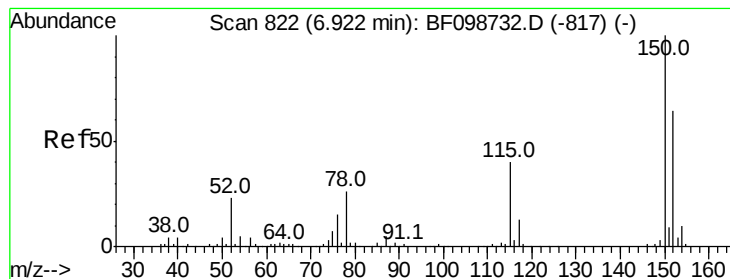
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099216.D
Acq On : 8 Oct 2017 2:55
Operator : SJ/JU
Sample : I5678-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-100417

Quant Time: Oct 08 05:31:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 08 03:54:40 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF099216.D

Acq: 8 Oct 2017 2:55

Instrument :

BNA_F

ClientSampleId :

OR-03-100417

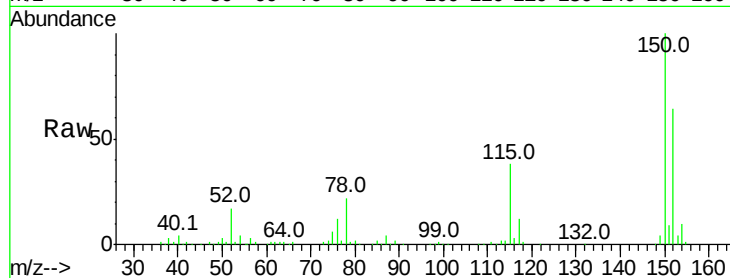
Tot Ion:152 Resp: 120327

Ion Ratio Lower Upper

152 100

150 155.8 124.6 186.8

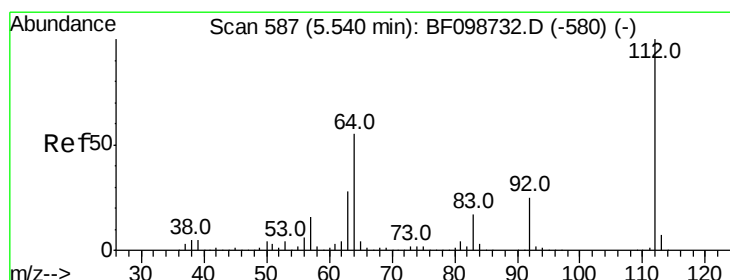
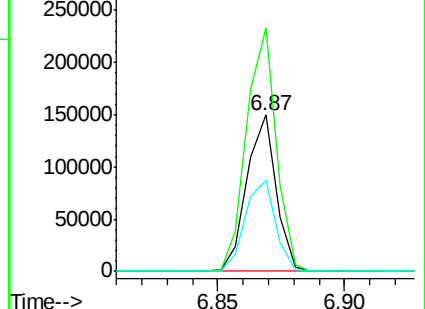
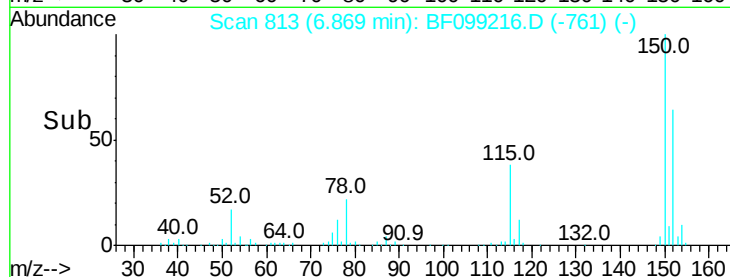
115 58.4 50.1 75.1



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: 127.351 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF099216.D

Acq: 8 Oct 2017 2:55

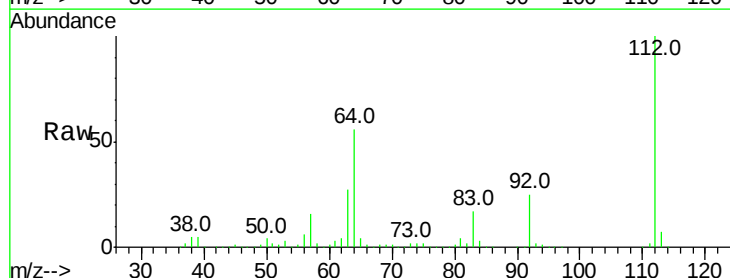
Tgt Ion:112 Resp: 962605

Ion Ratio Lower Upper

112 100

64 55.7 47.9 71.9

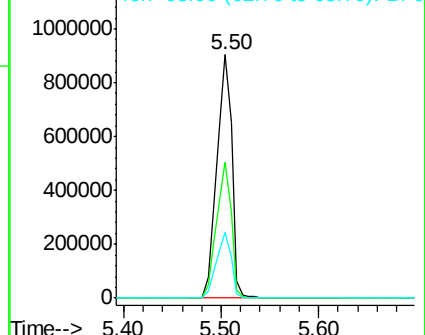
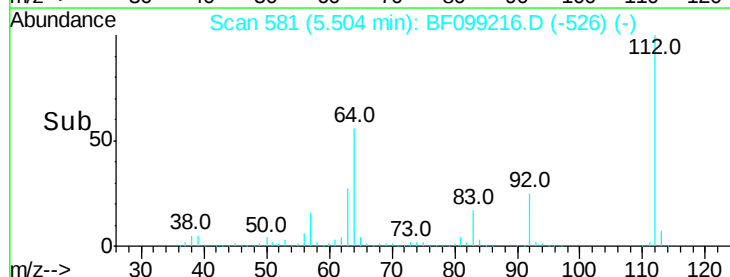
63 27.2 23.7 35.5

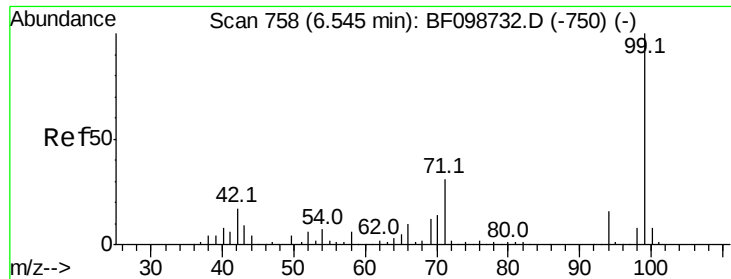


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.292 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099216.D

Acq: 8 Oct 2017 2:55

Instrument :

BNA_F

ClientSampleId :

OR-03-100417

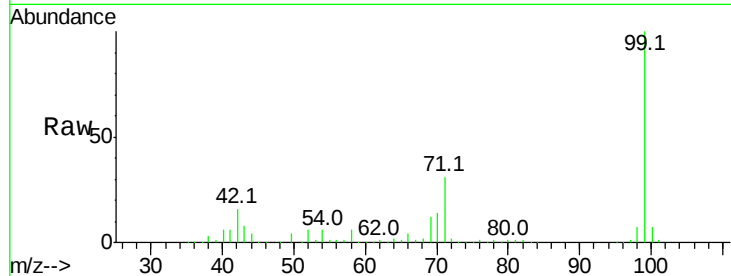
Tot Ion: 99 Resp: 1075043

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

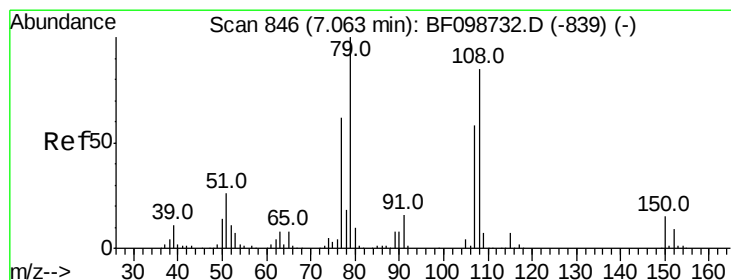
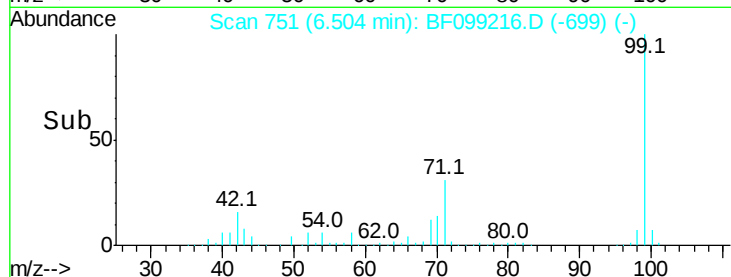
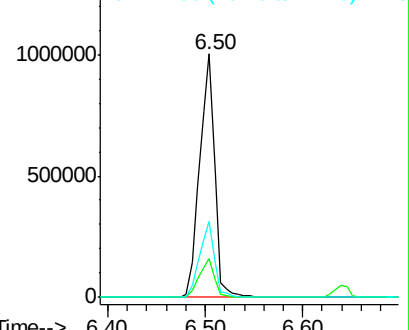
71 31.3 25.4 38.0



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



#15

Benzyl Alcohol

Concen: 9.862 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF099216.D

Acq: 8 Oct 2017 2:55

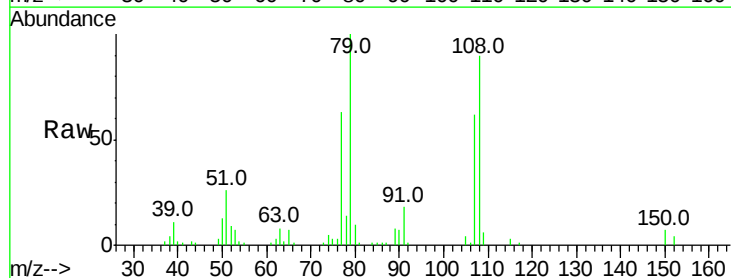
Tgt Ion: 79 Resp: 67463

Ion Ratio Lower Upper

79 100

108 89.9 65.1 97.7

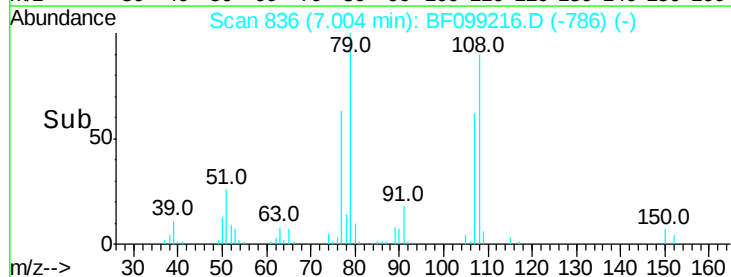
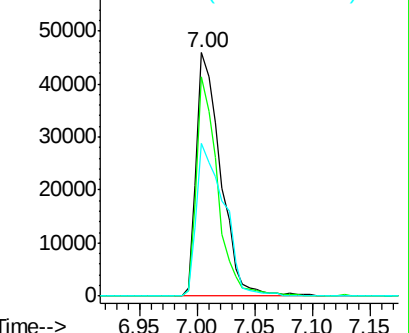
77 62.8 50.6 75.8

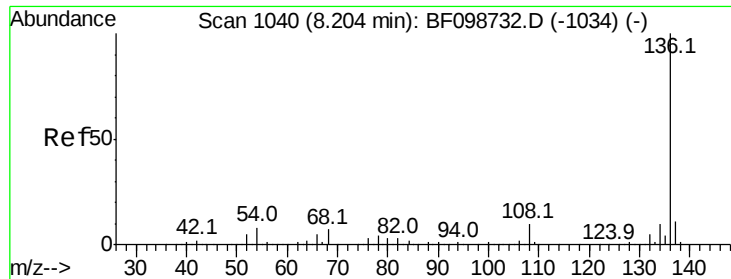


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

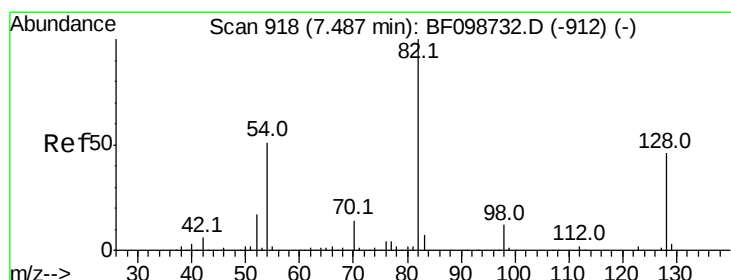
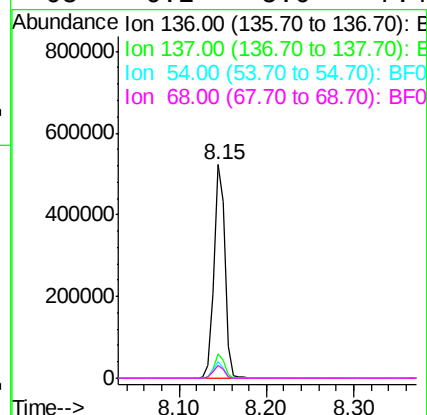
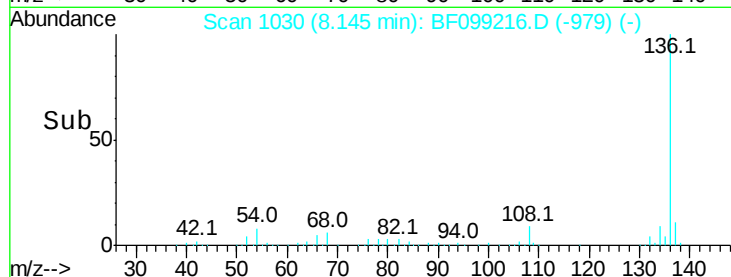
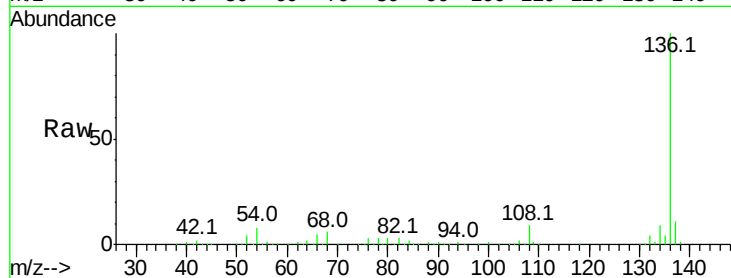




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF099216.D
Acq: 8 Oct 2017 2:55

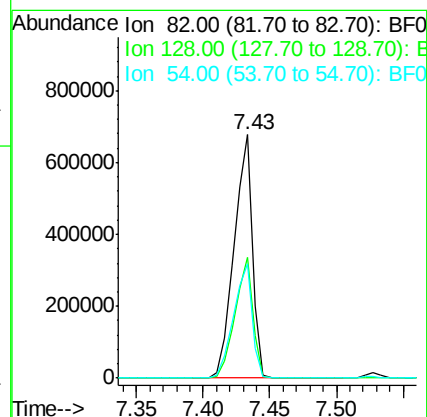
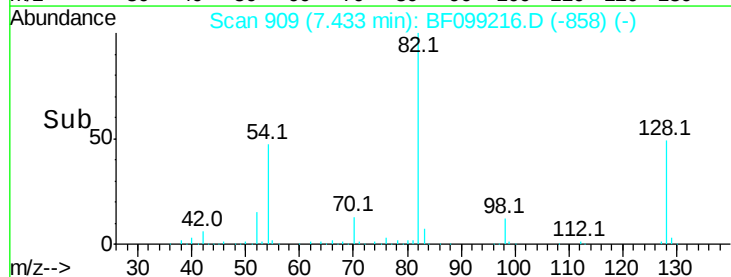
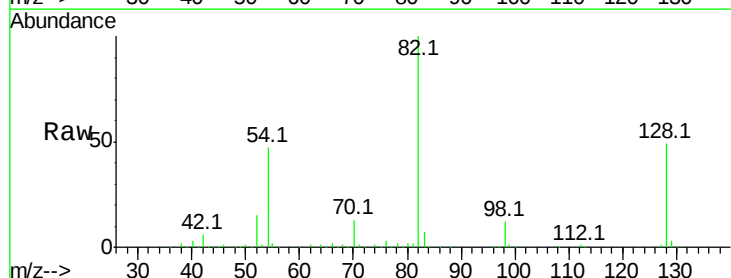
Instrument :
BNA_F
ClientSampleId :
OR-03-100417

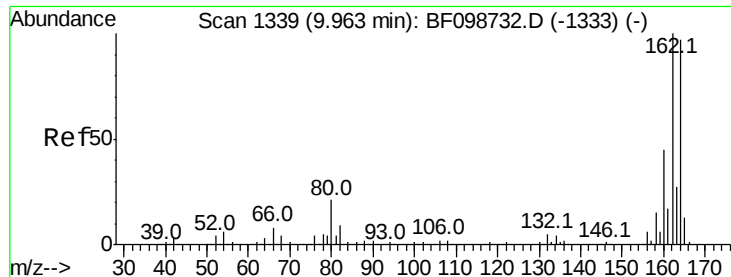
Tot Ion:	136	Resp:	458811
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.9	6.6	9.8
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 92.329 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF099216.D
Acq: 8 Oct 2017 2:55

Tgt Ion:	82	Resp:	660557
Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	46.8	41.4	62.2

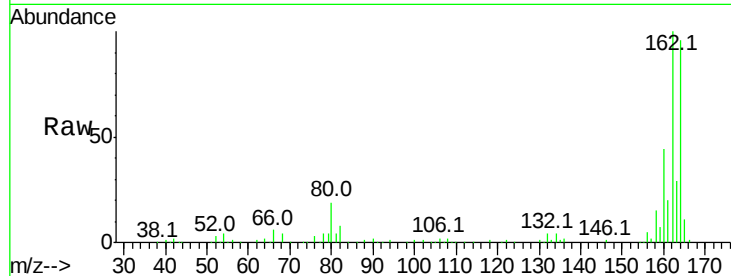




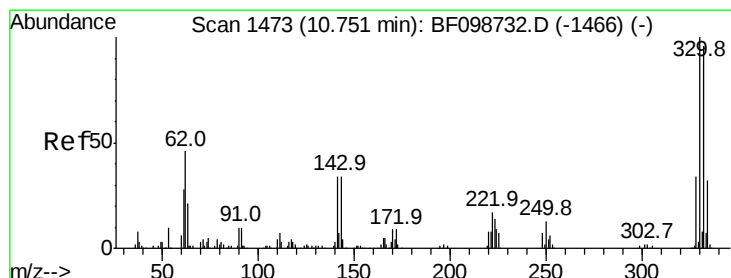
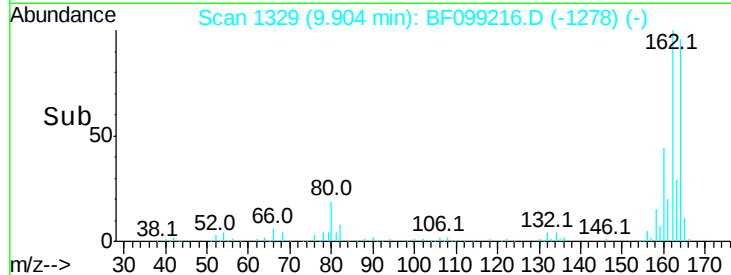
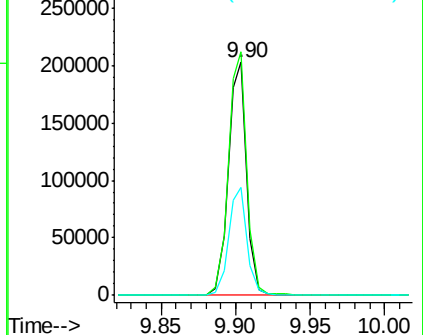
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF099216.D
 Acq: 8 Oct 2017 2:55

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417

Tot Ion:164 Resp: 176669
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 46.3 38.3 57.5

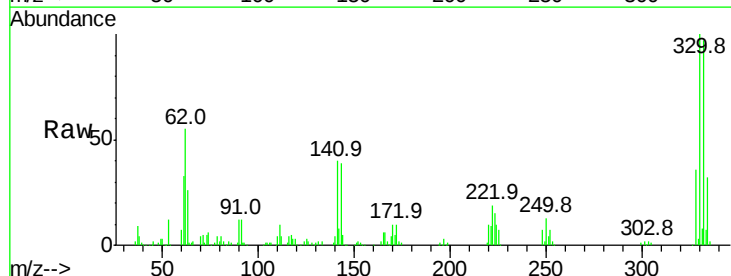


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

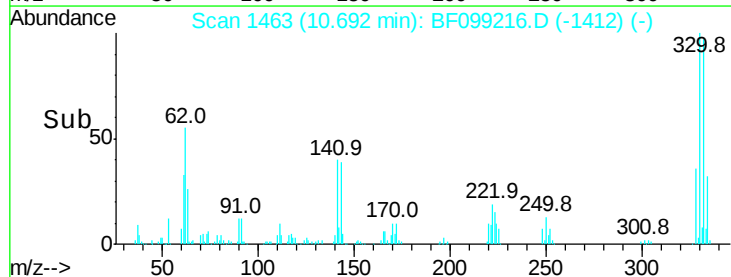
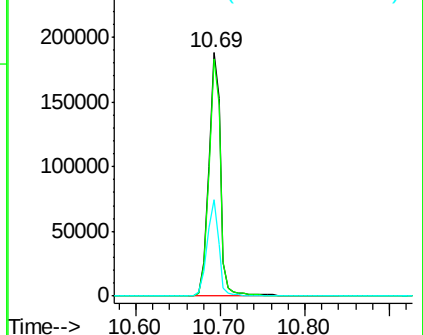


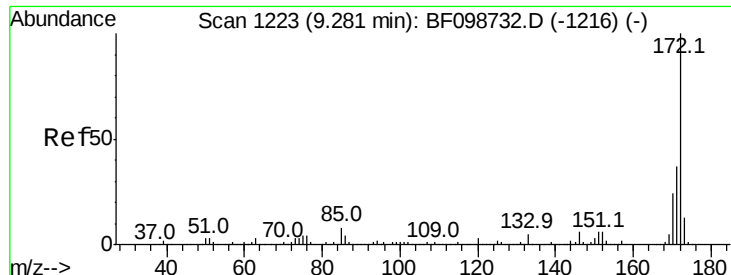
#41
 2,4,6-Tribromophenol
 Concen: 127.306 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF099216.D
 Acq: 8 Oct 2017 2:55

Tgt Ion:330 Resp: 184037
 Ion Ratio Lower Upper
 330 100
 332 96.0 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



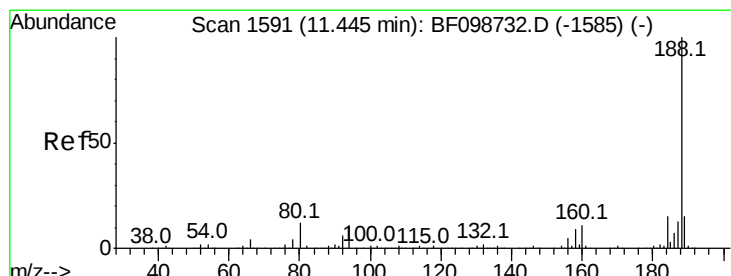
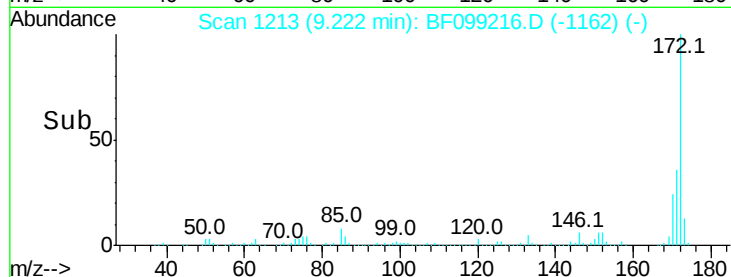
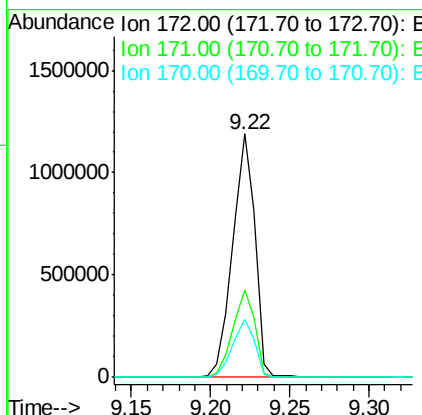
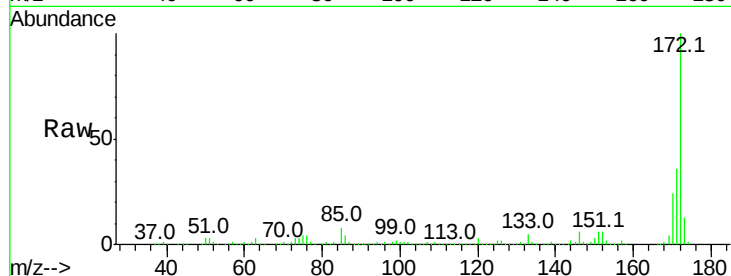


#44
 2-Fluorobiphenyl
 Concen: 110.167 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF099216.D
 Acq: 8 Oct 2017 2:55

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417

Tot Ion:172 Resp: 1165857

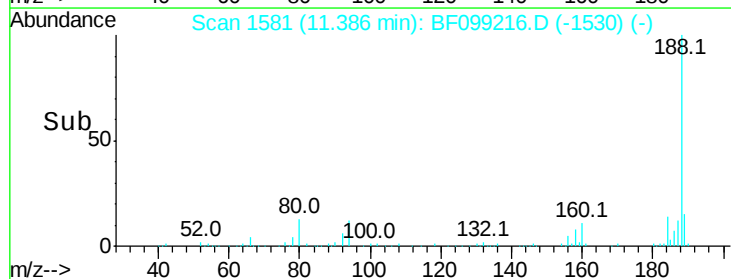
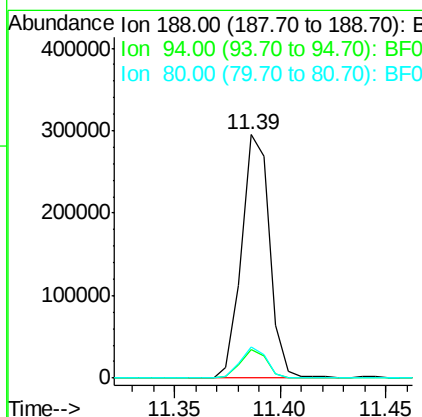
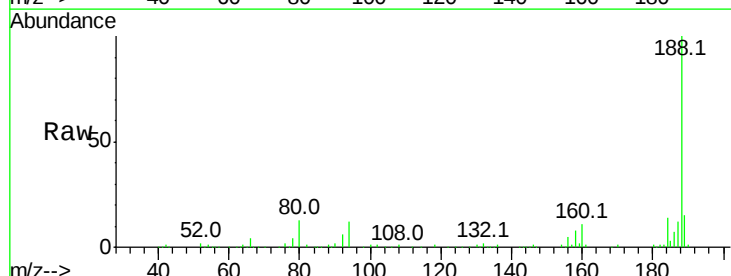
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4

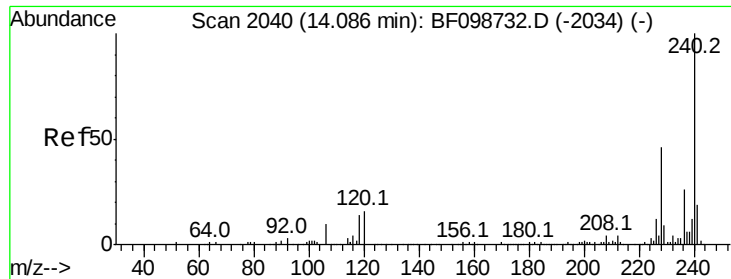


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF099216.D
 Acq: 8 Oct 2017 2:55

Tgt Ion:188 Resp: 270757

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.8	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF099216.D

Acq: 8 Oct 2017 2:55

Instrument :

BNA_F

ClientSampleId :

OR-03-100417

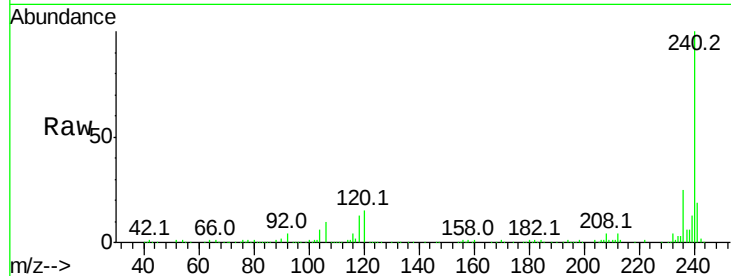
Tot Ion:240 Resp: 217818

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

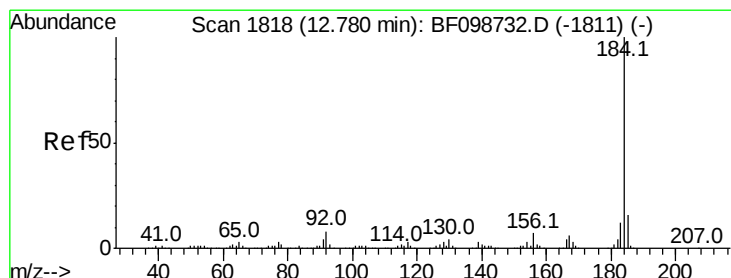
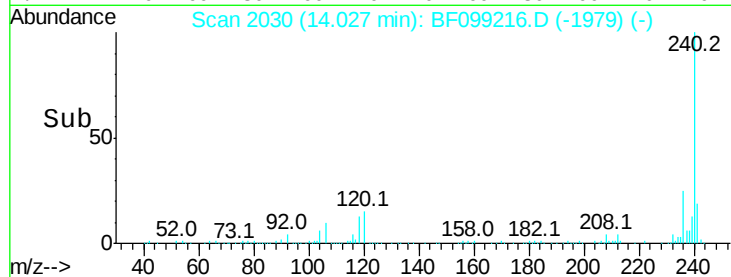
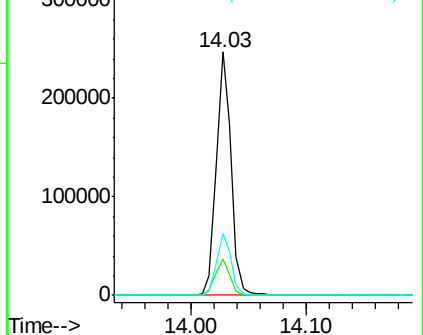
236 25.4 20.7 31.1



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



#76

Benzidine

Concen: 8.014 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF099216.D

Acq: 8 Oct 2017 2:55

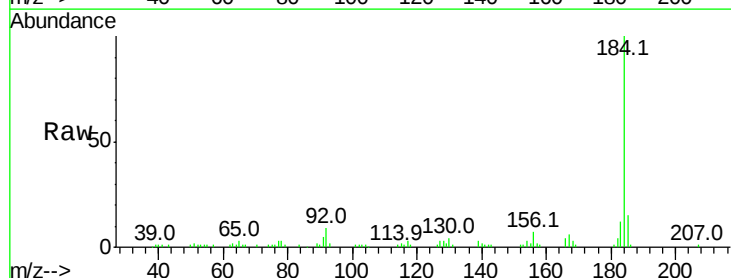
Tgt Ion:184 Resp: 64564

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

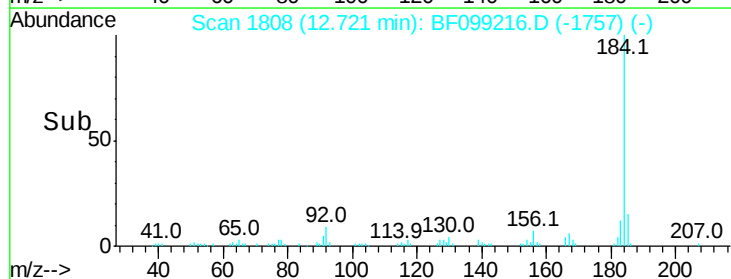
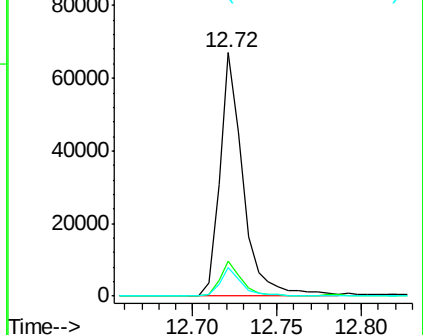
183 11.9 9.3 13.9

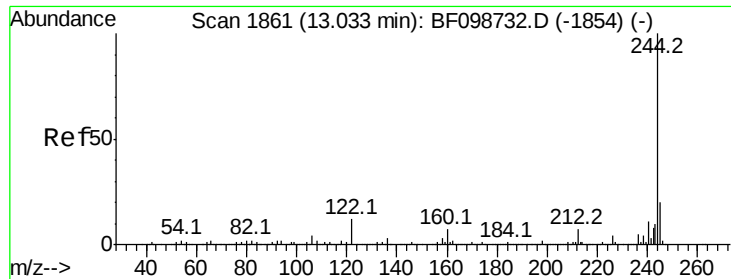


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 90.472 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF099216.D

Acq: 8 Oct 2017 2:55

Instrument :

BNA_F

ClientSampleId :

OR-03-100417

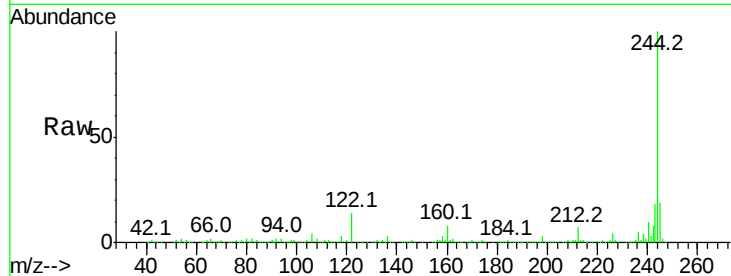
Tot Ion:244 Resp: 866519

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

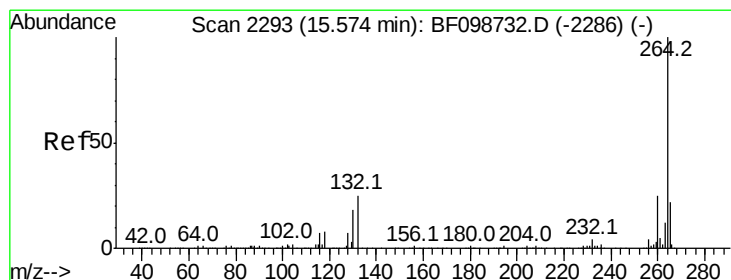
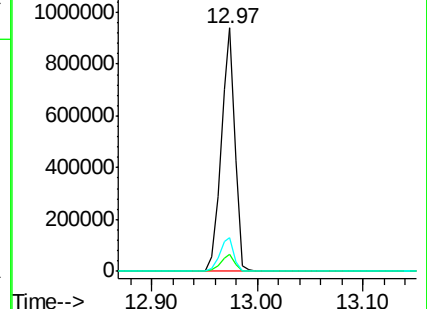
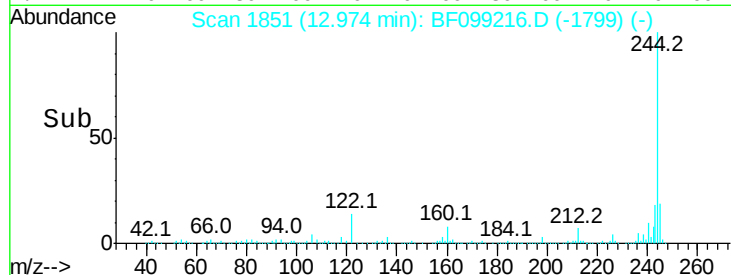
122 13.7 11.0 16.4



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: BF099216.D

Acq: 8 Oct 2017 2:55

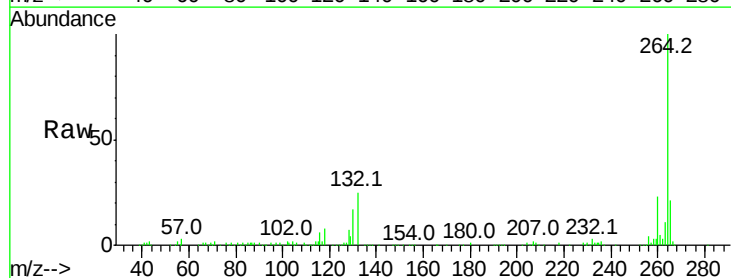
Tgt Ion:264 Resp: 168965

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.5 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

