

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099938.D
 Acq On : 29 Oct 2017 2:49
 Operator : SJ/JU
 Sample : I6023-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Oct 30 05:09:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

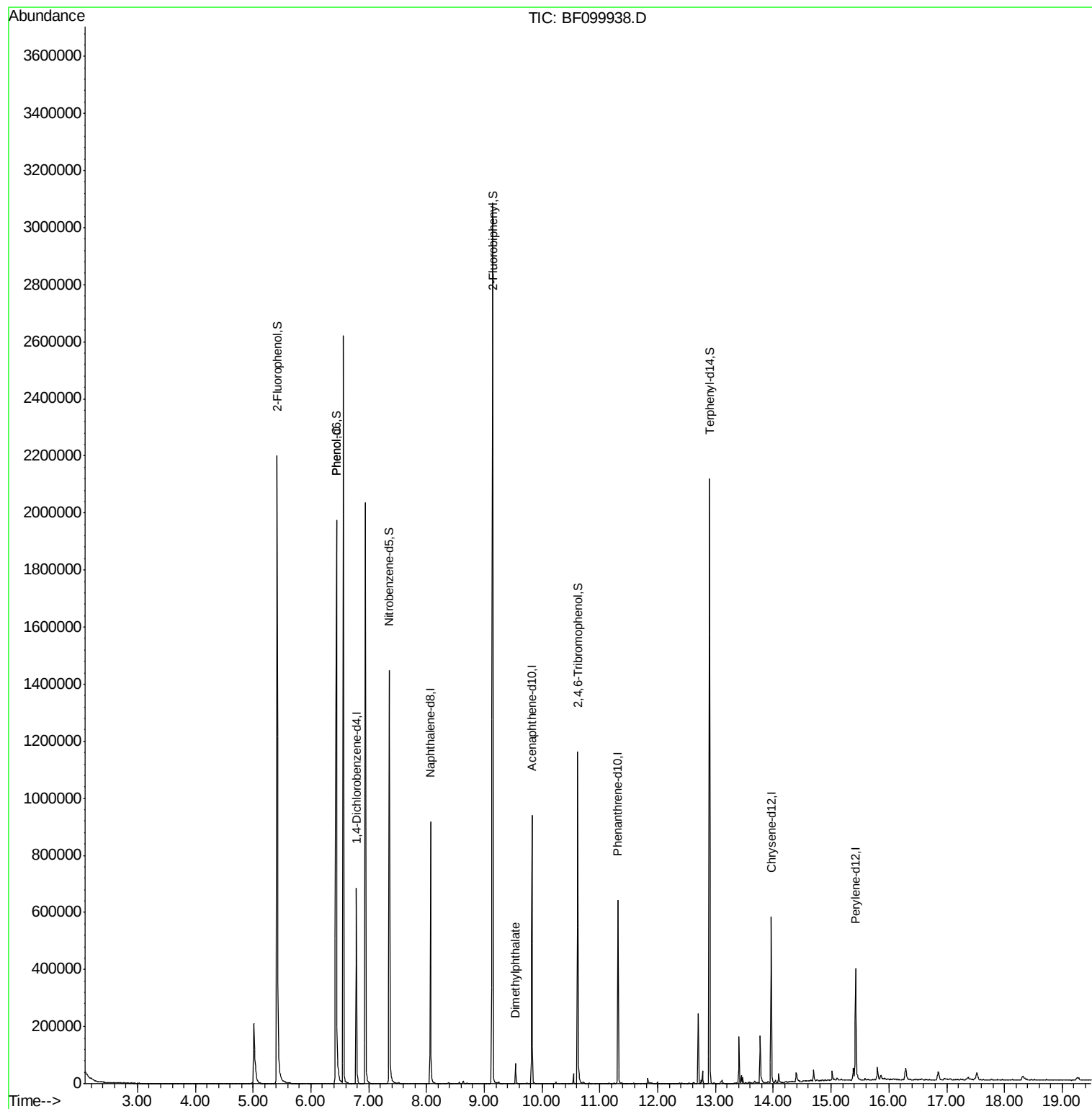
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107831	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	432477	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	182548	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	255901	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	191358	20.00	ng	-0.03
86) Perylene-d12	15.43	264	188484	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	794885	115.73	ng	0.00
7) Phenol-d6	6.44	99	946865	116.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	558545	83.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	149955	90.14	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1070710	90.49	ng	-0.01
78) Terphenyl-d14	12.90	244	663589	75.78	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	31241	3.494	ng	81
49) Dimethylphthalate	9.54	163	33443	2.313	ng	100

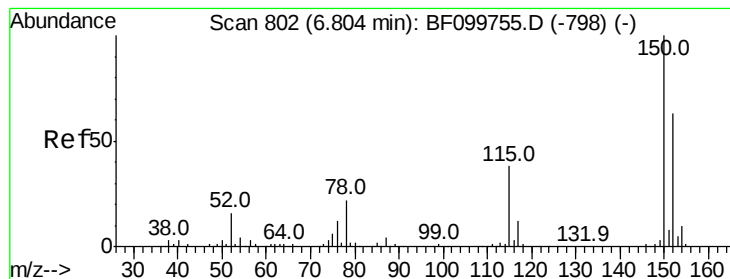
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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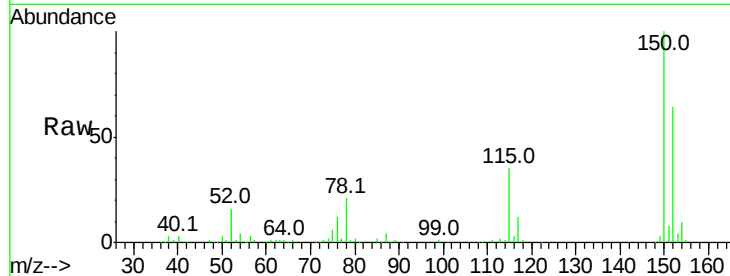


#1

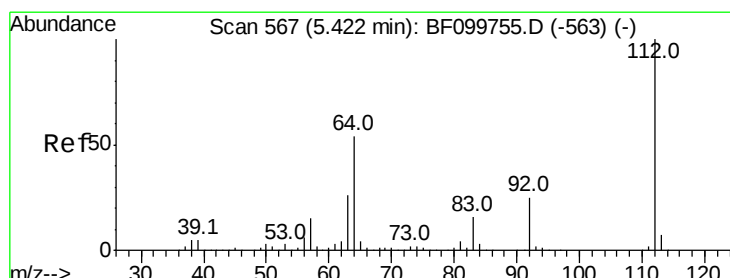
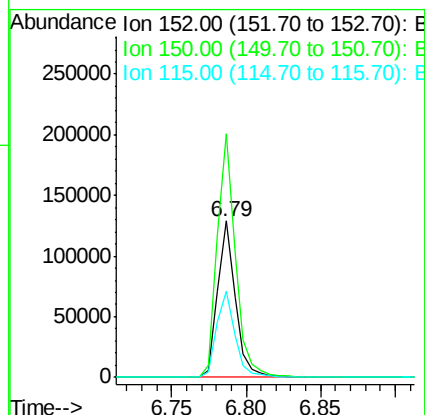
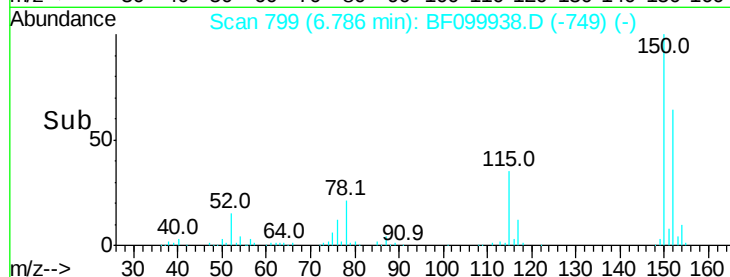
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion:152 Resp: 107831
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 55.2 50.1 75.1



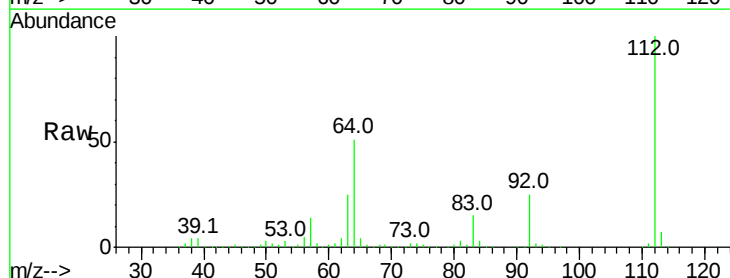
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



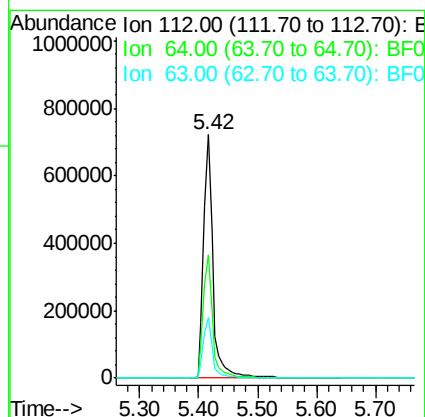
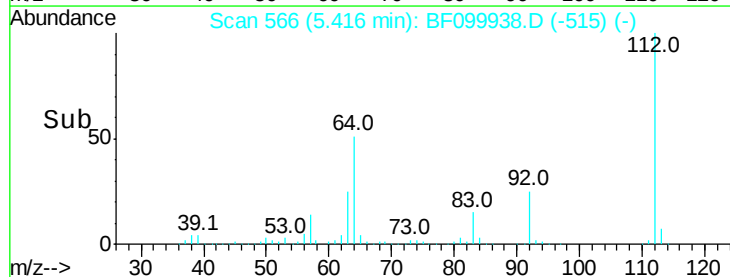
#5

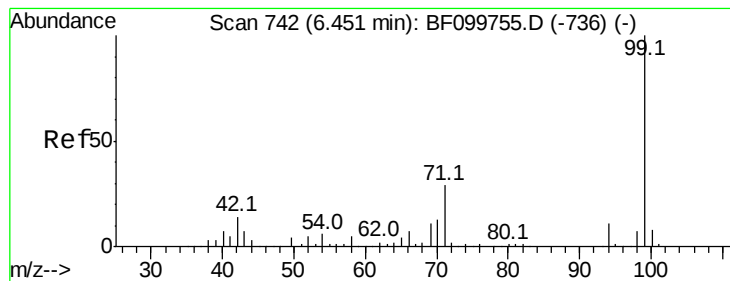
2-Fluorophenol
Concen: 115.731 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:112 Resp: 794885
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 24.8 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: 116.266 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099938.D

Acq: 29 Oct 2017 2:49

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

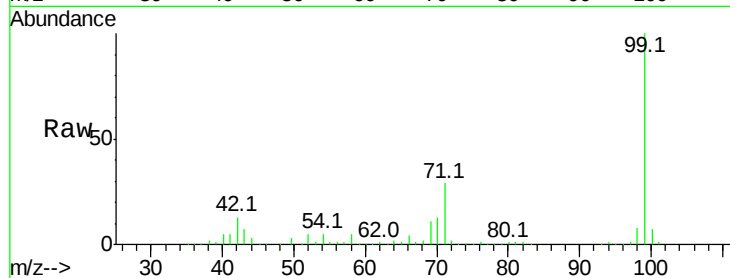
Tot Ion: 99 Resp: 946865

Ion Ratio Lower Upper

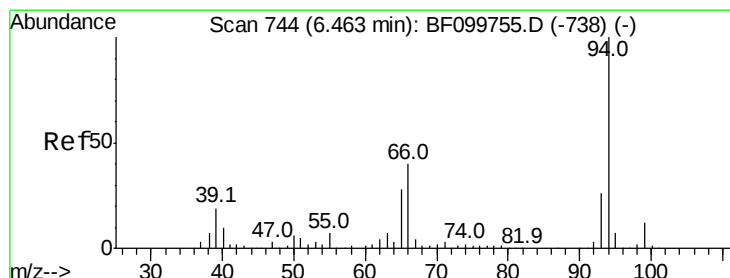
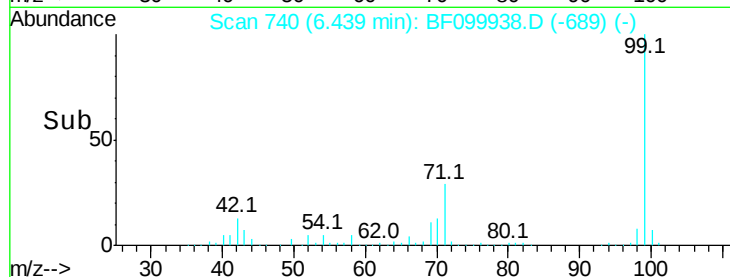
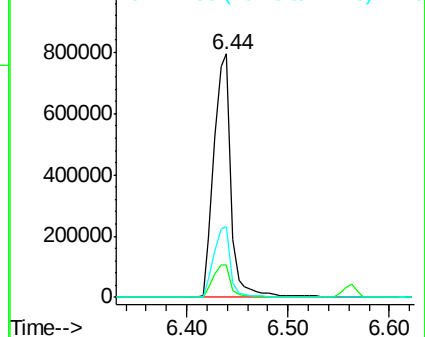
99 100

42 13.3 14.5 21.7#

71 28.9 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: 3.494 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099938.D

Acq: 29 Oct 2017 2:49

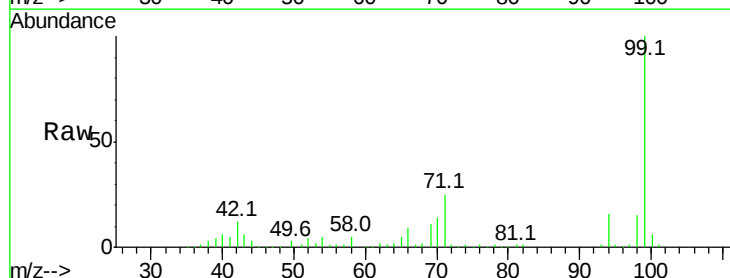
Tgt Ion: 94 Resp: 31241

Ion Ratio Lower Upper

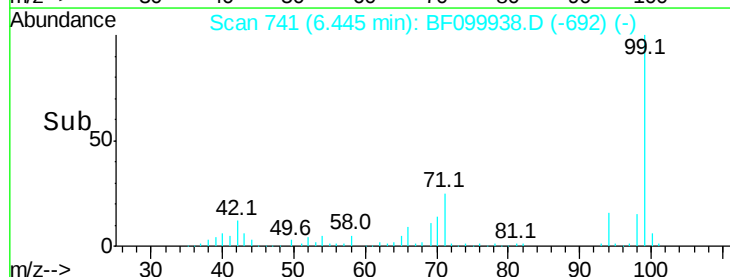
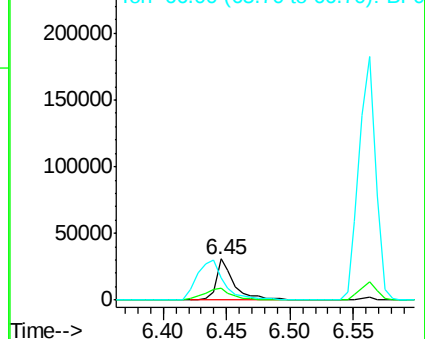
94 100

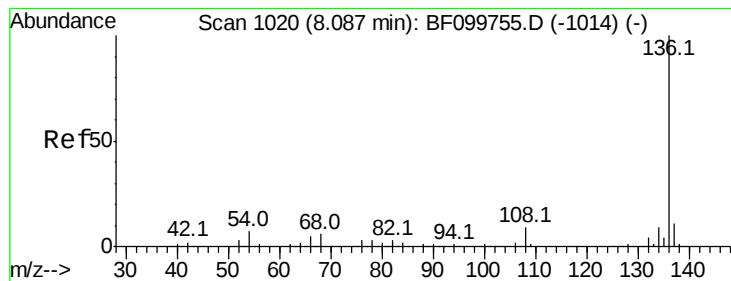
65 29.5 7.9 47.9

66 54.3 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

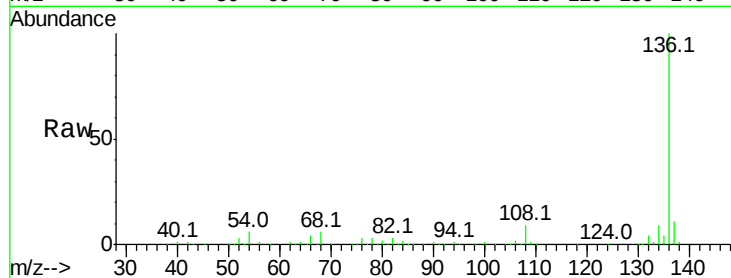




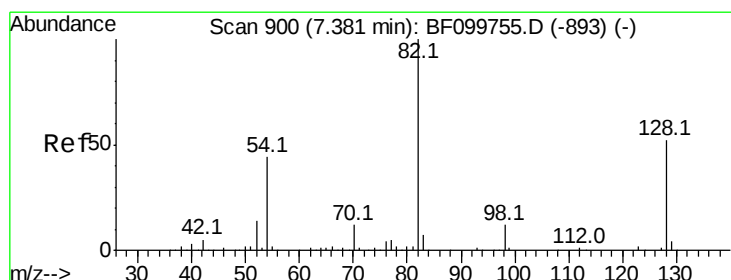
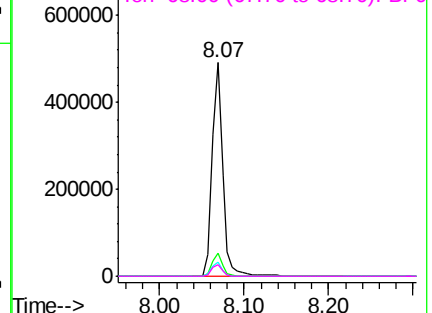
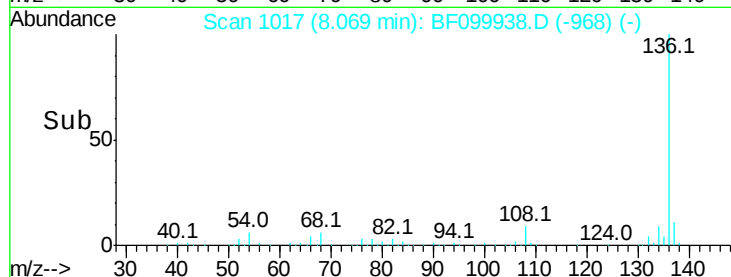
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion:	136	Resp:	432477
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	6.6	9.8#
68	5.6	5.0	7.4

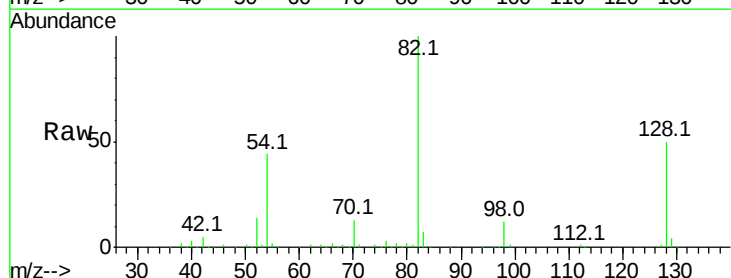


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

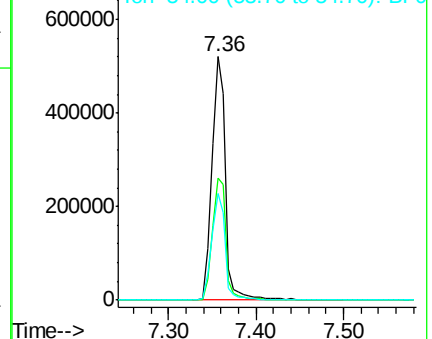
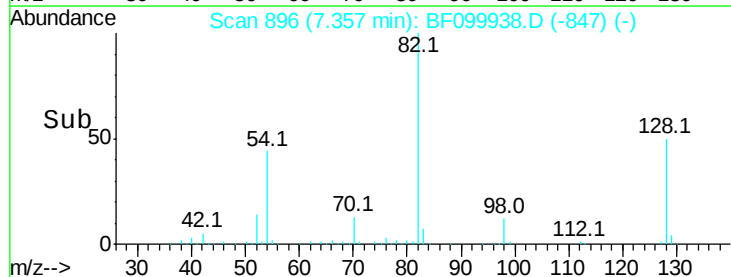


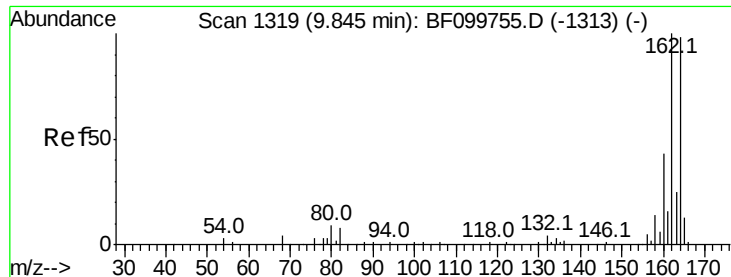
#23
Nitrobenzene-d5
Concen: 83.148 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:	82	Resp:	558545
Ion	Ratio	Lower	Upper
82	100		
128	50.2	36.1	54.1
54	43.9	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

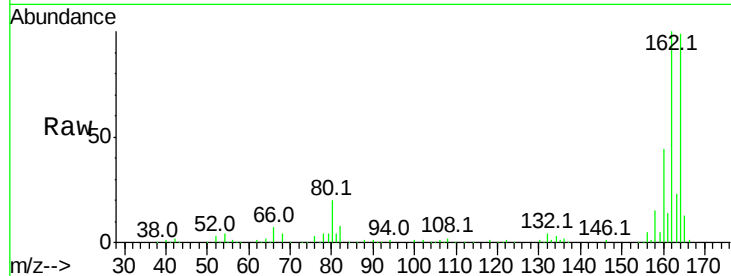




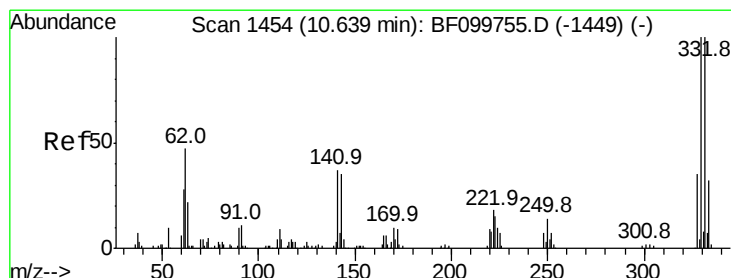
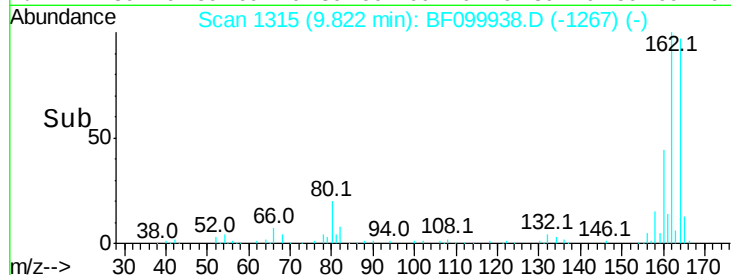
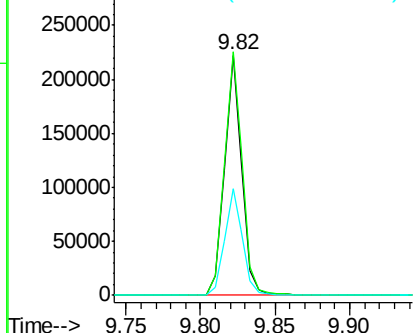
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion:164 Resp: 182548
Ion Ratio Lower Upper
164 100
162 101.4 86.1 129.1
160 44.5 38.3 57.5

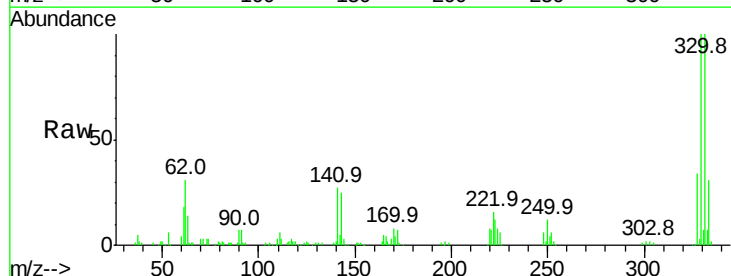


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

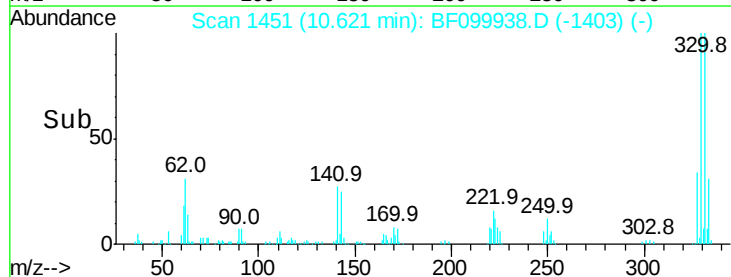
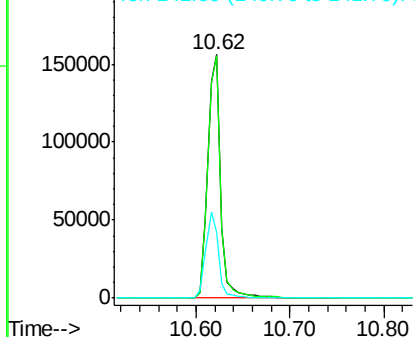


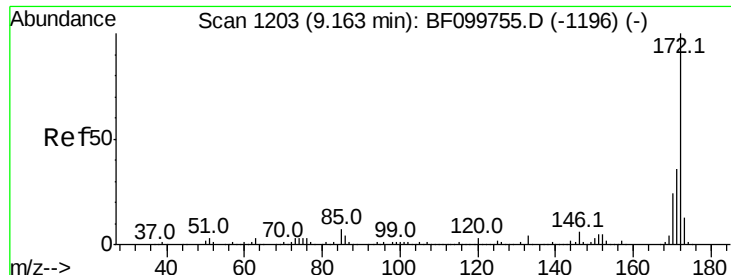
#41
2,4,6-Tribromophenol
Concen: 90.139 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:330 Resp: 149955
Ion Ratio Lower Upper
330 100
332 98.7 77.0 115.6
141 35.1 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



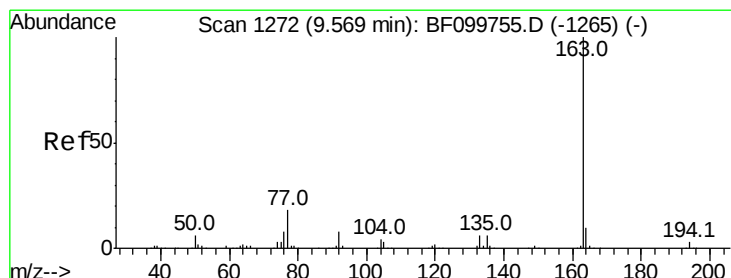
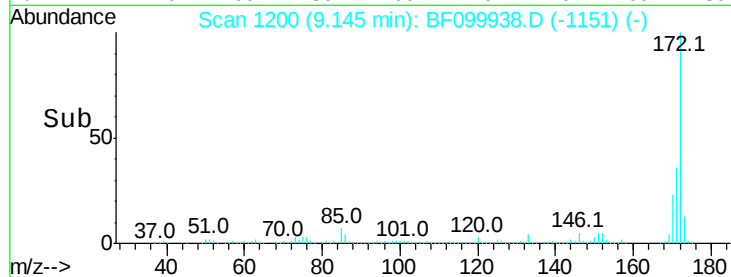
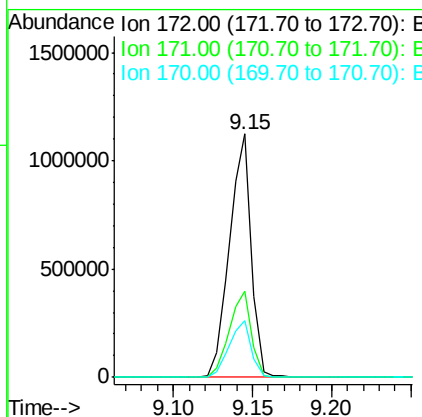
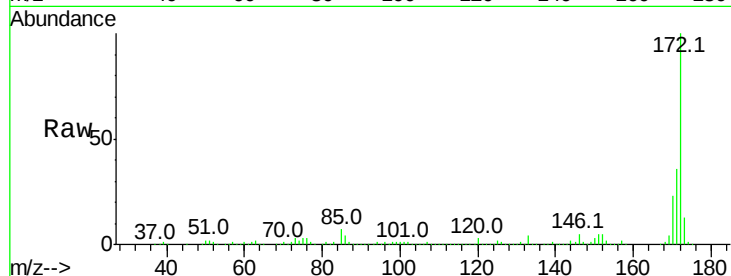


#44
 2-Fluorobiphenyl
 Concen: 90.493 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099938.D
 Acq: 29 Oct 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion:172 Resp: 1070710

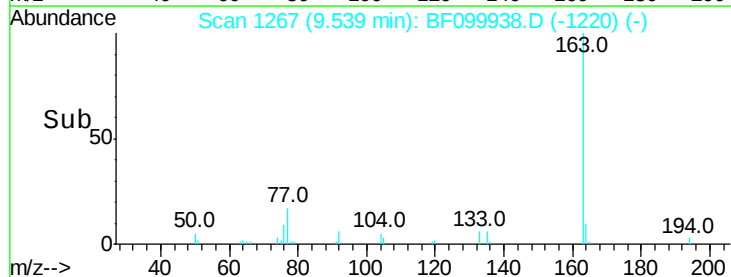
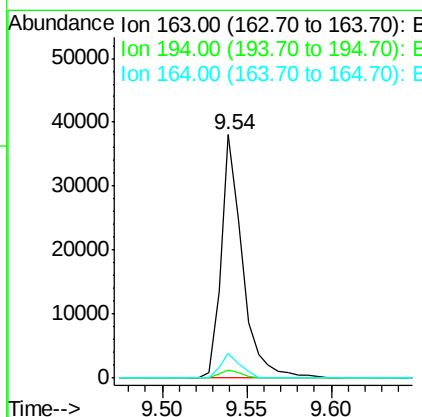
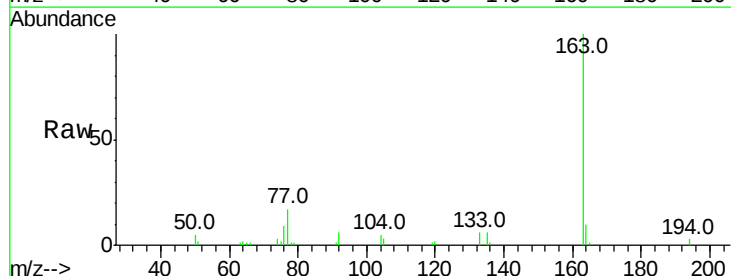
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.5	19.6	29.4

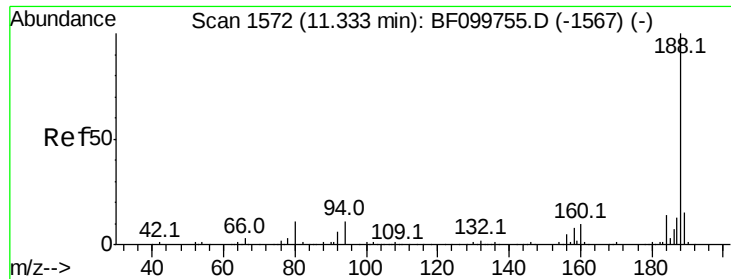


#49
 Dimethylphthalate
 Concen: 2.313 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF099938.D
 Acq: 29 Oct 2017 2:49

Tgt Ion:163 Resp: 33443

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.3	8.2	12.2

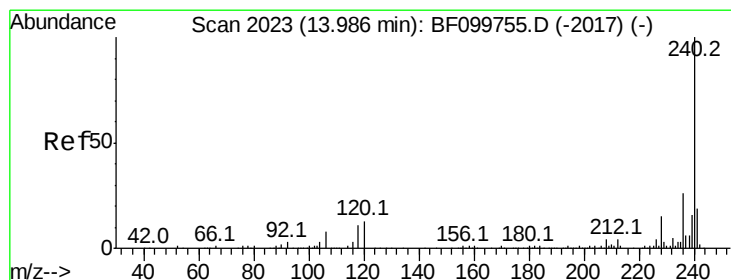
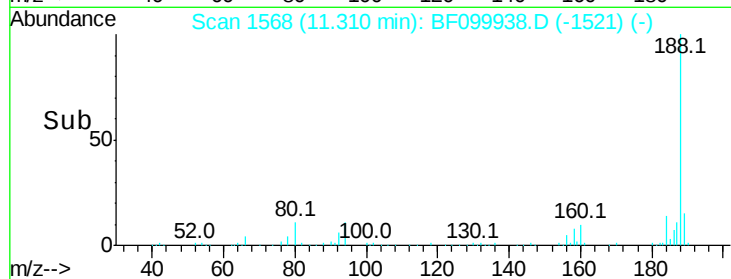
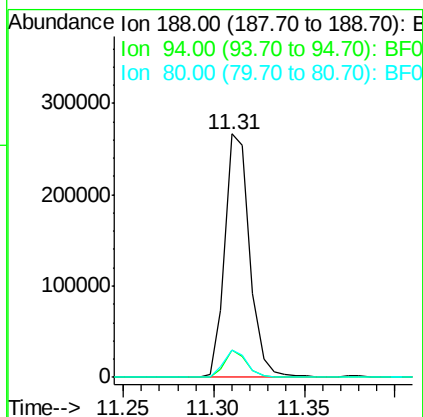
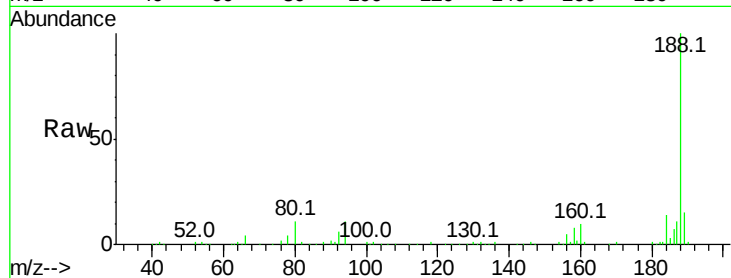




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

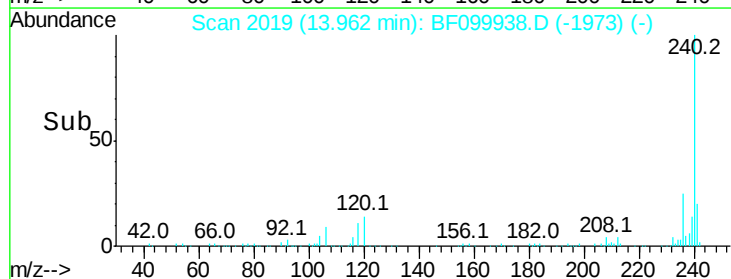
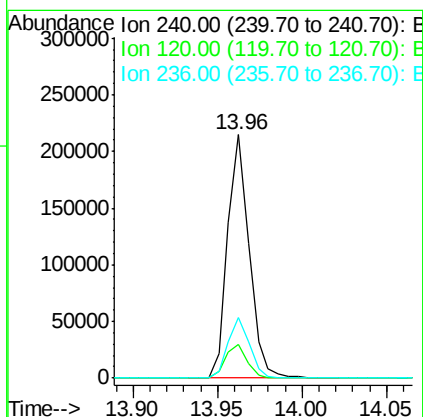
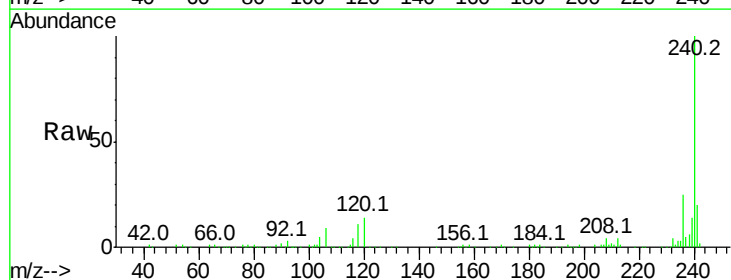
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

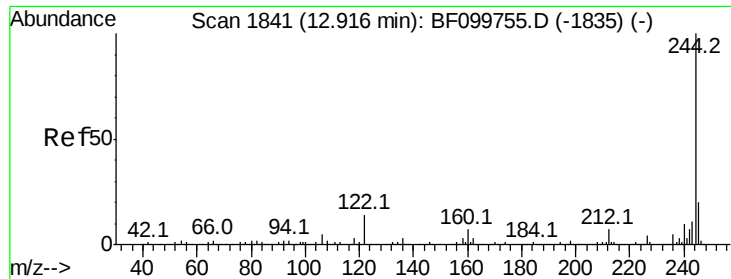
Tot Ion:188 Resp: 255901
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 11.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:240 Resp: 191358
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 75.784 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099938.D

Acq: 29 Oct 2017 2:49

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

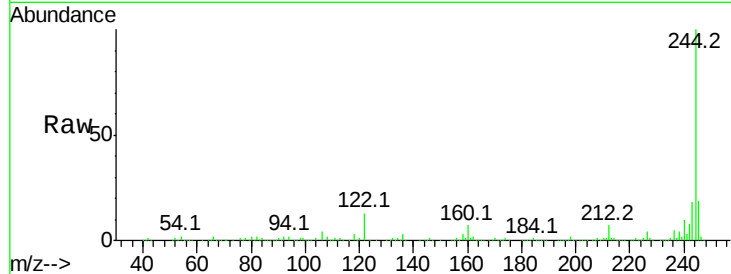
Tot Ion:244 Resp: 663589

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

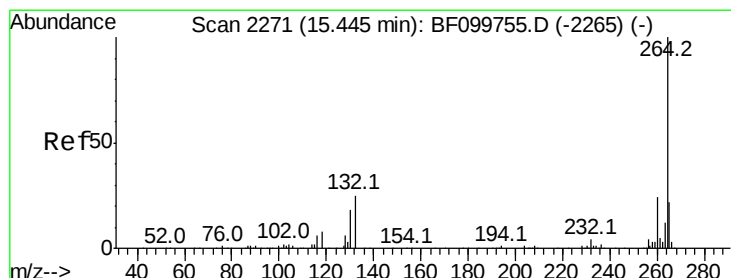
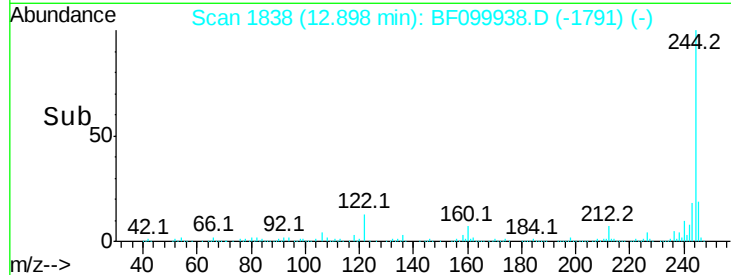
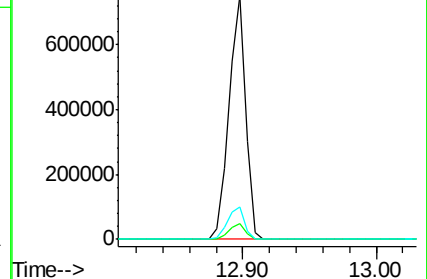
122 13.1 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF099938.D

Acq: 29 Oct 2017 2:49

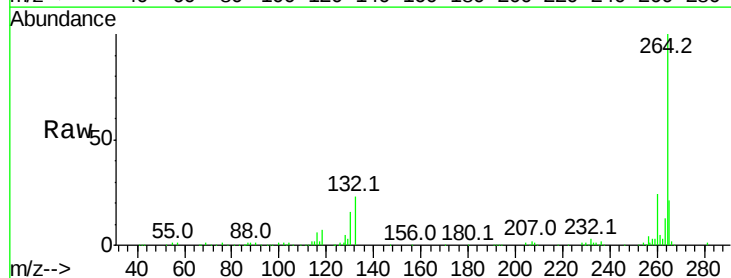
Tgt Ion:264 Resp: 188484

Ion Ratio Lower Upper

264 100

260 23.5 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

