

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099994.D
 Acq On : 31 Oct 2017 7:09
 Operator : SJ/JU
 Sample : I6201-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(4-5)

Quant Time: Oct 31 07:41:21 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

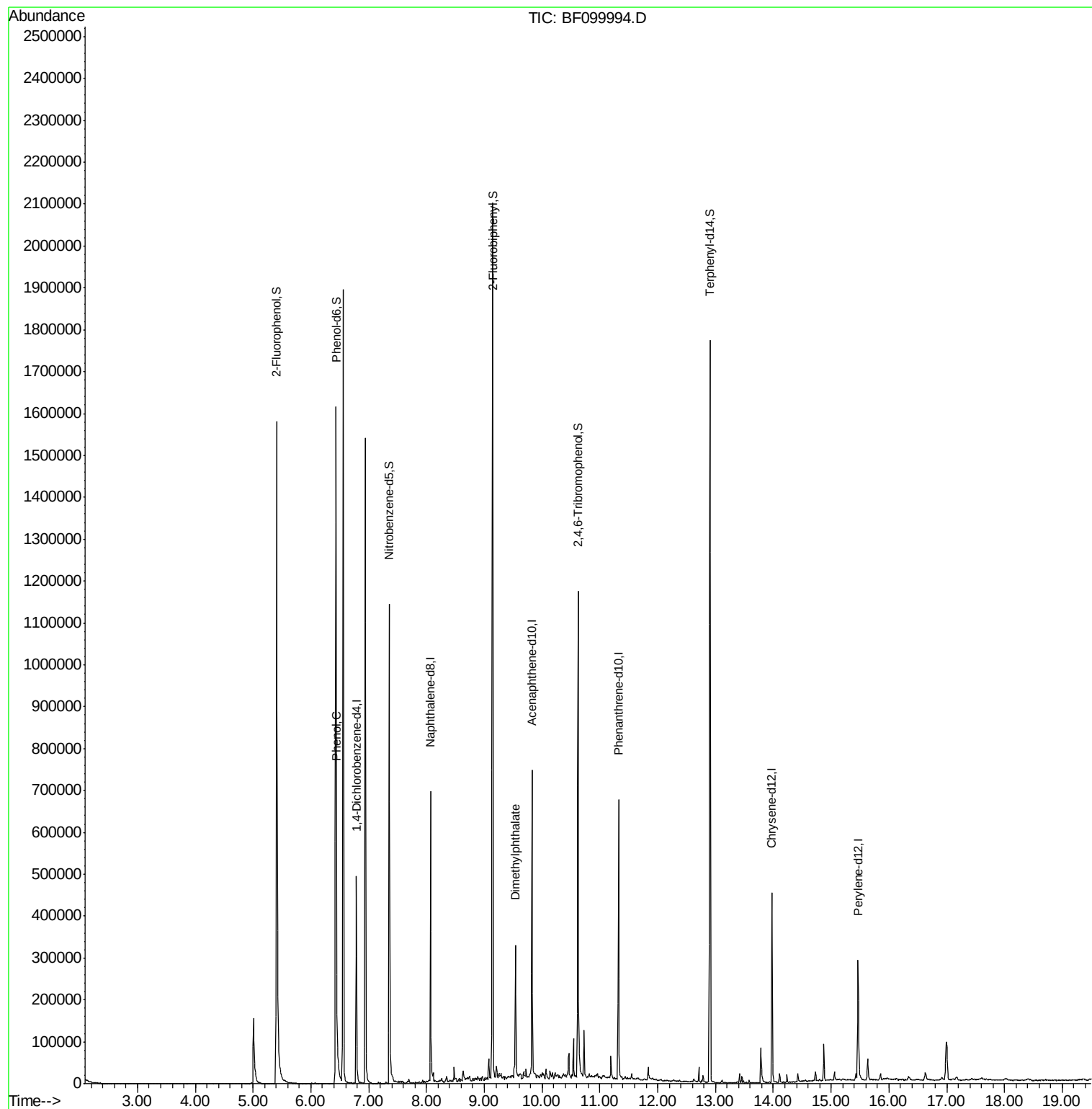
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82081	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	331952	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	151022	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	262746	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	166931	20.00	ng	-0.02
86) Perylene-d12	15.47	264	150440	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	585479	111.98	ng	0.00
7) Phenol-d6	6.43	99	702478	113.32	ng	0.00
23) Nitrobenzene-d5	7.36	82	381960	74.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	149935	108.94	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	714208	72.96	ng	-0.01
78) Terphenyl-d14	12.90	244	587731	76.94	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	40117	5.894	ng	96
49) Dimethylphthalate	9.54	163	126180	10.550	ng	100

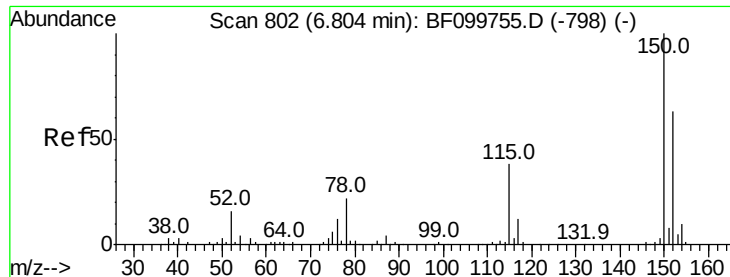
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF099994.D

Acq: 31 Oct 2017 7:09

Instrument :

BNA_F

ClientSampleId :

CF-1B(4-5)

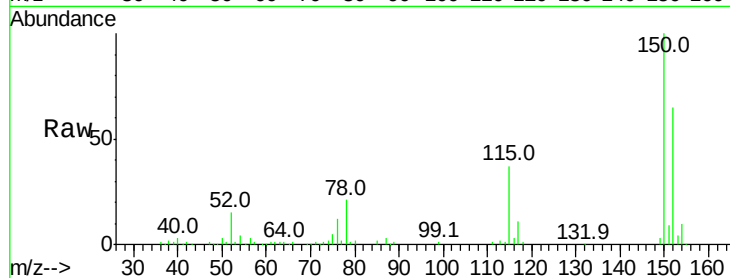
Tot Ion:152 Resp: 82081

Ion Ratio Lower Upper

152 100

150 154.5 124.6 186.8

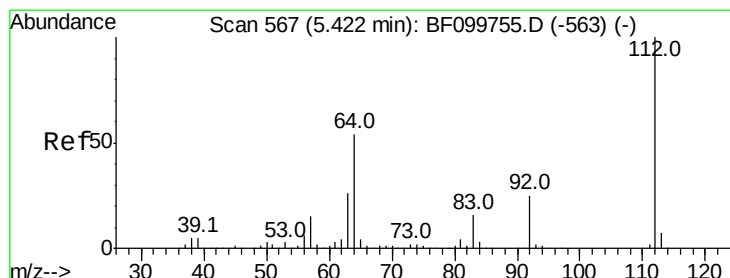
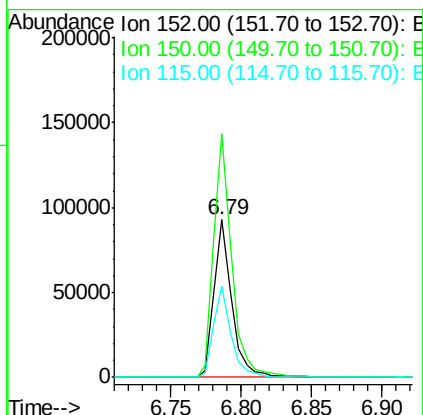
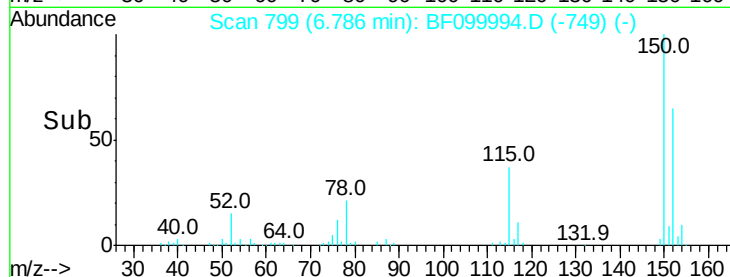
115 57.9 50.1 75.1



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: 111.985 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF099994.D

Acq: 31 Oct 2017 7:09

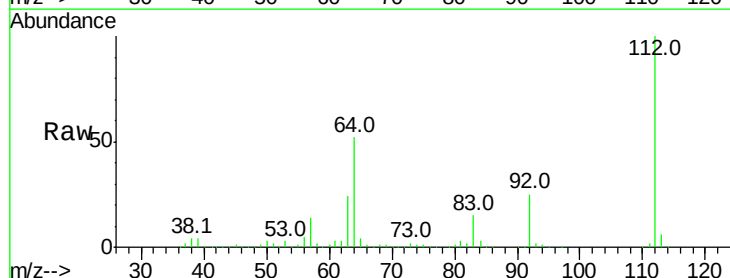
Tgt Ion:112 Resp: 585479

Ion Ratio Lower Upper

112 100

64 51.6 47.9 71.9

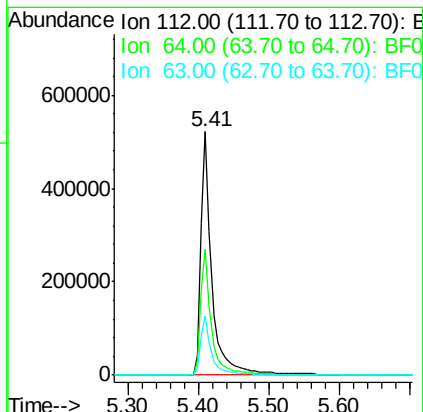
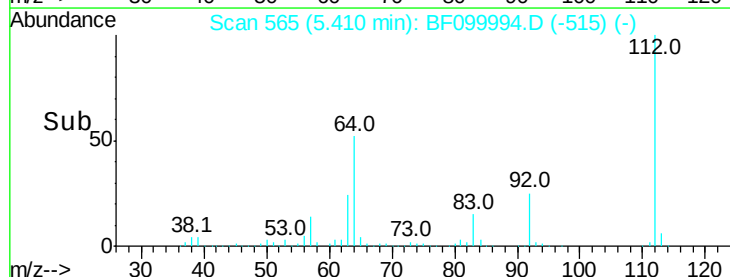
63 24.4 23.7 35.5

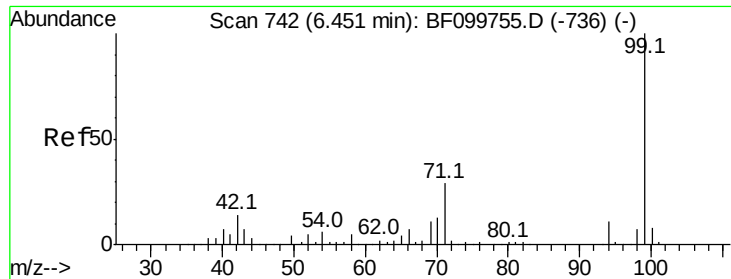


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.318 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099994.D

Acq: 31 Oct 2017 7:09

Instrument :

BNA_F

ClientSampleId :

CF-1B(4-5)

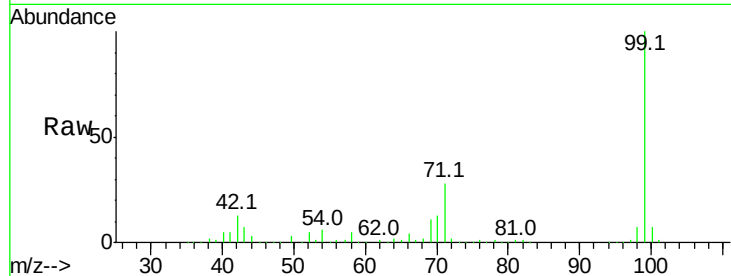
Tot Ion: 99 Resp: 702478

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

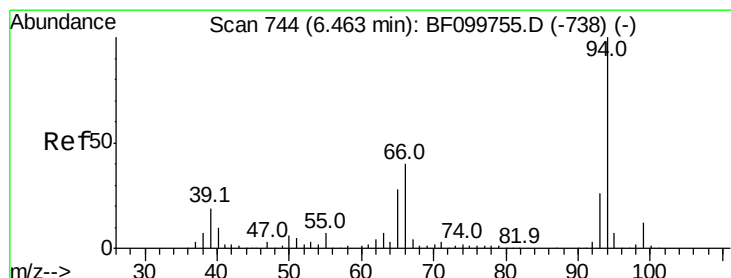
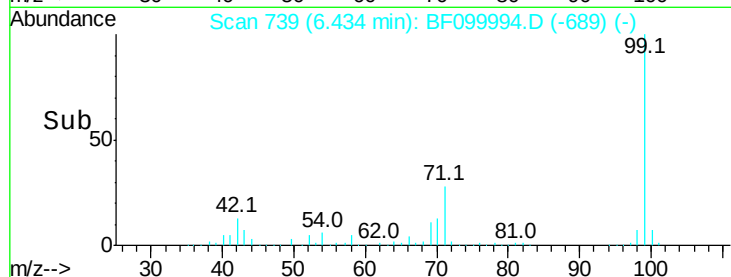
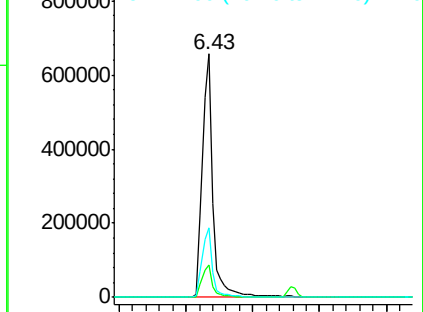
71 28.5 25.4 38.0



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: 5.894 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099994.D

Acq: 31 Oct 2017 7:09

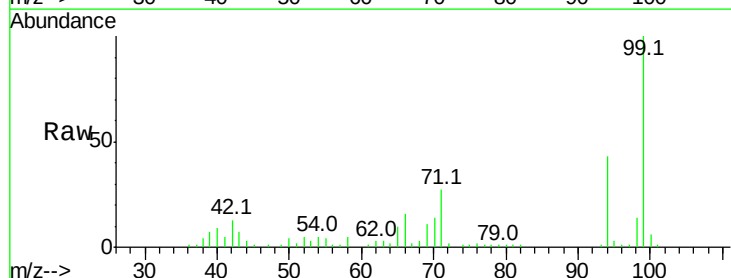
Tgt Ion: 94 Resp: 40117

Ion Ratio Lower Upper

94 100

65 23.9 7.9 47.9

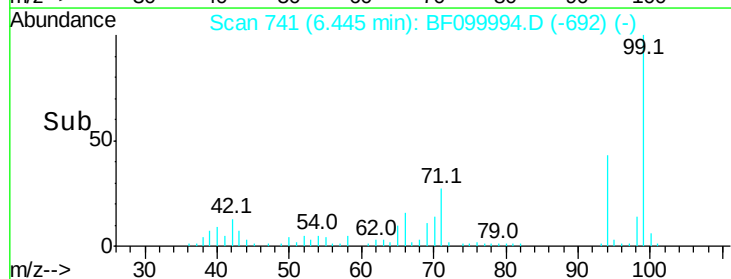
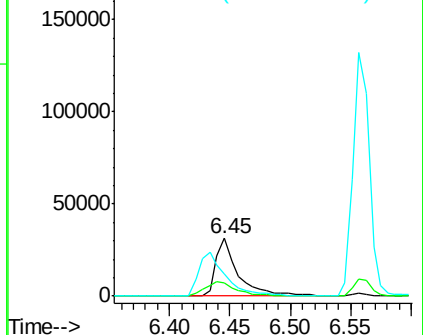
66 37.5 16.2 56.2

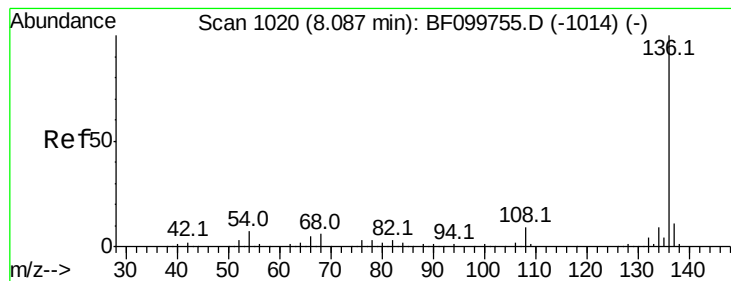


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: BF099994.D

Acq: 31 Oct 2017 7:09

Instrument :

BNA_F

ClientSampleId :

CF-1B(4-5)

Tot Ion:136 Resp: 331952

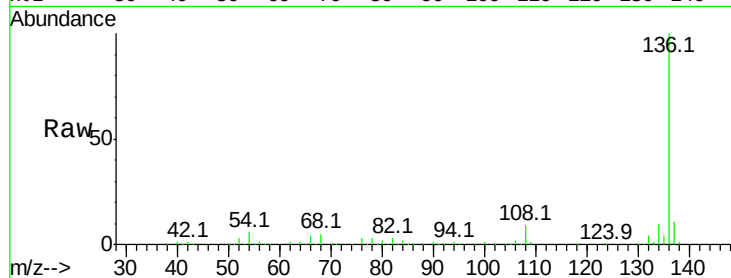
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.4 6.6 9.8#

68 5.4 5.0 7.4

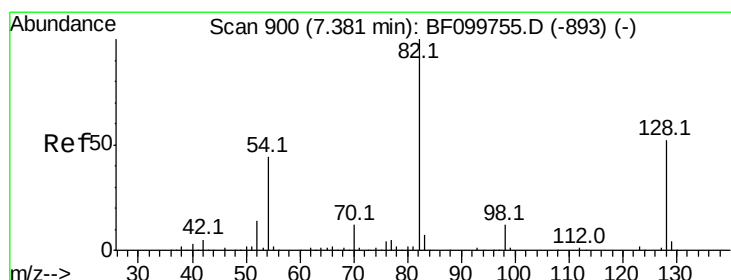
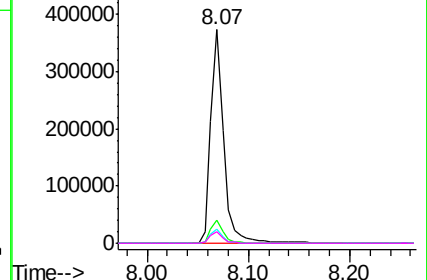
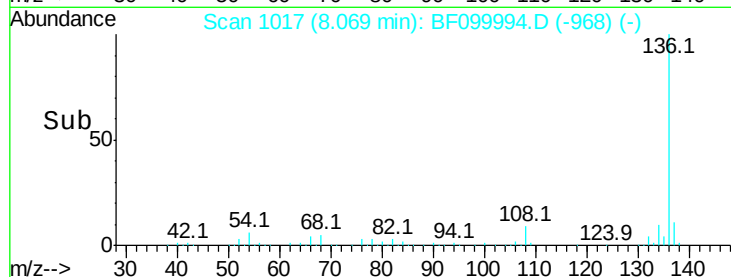


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.079 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099994.D

Acq: 31 Oct 2017 7:09

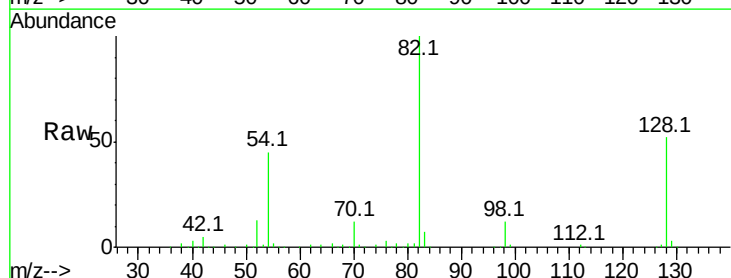
Tgt Ion: 82 Resp: 381960

Ion Ratio Lower Upper

82 100

128 52.1 36.1 54.1

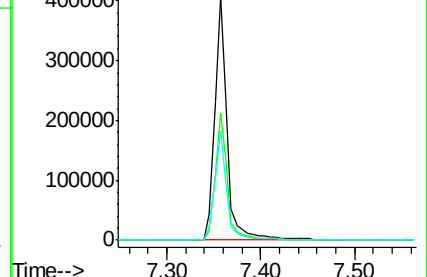
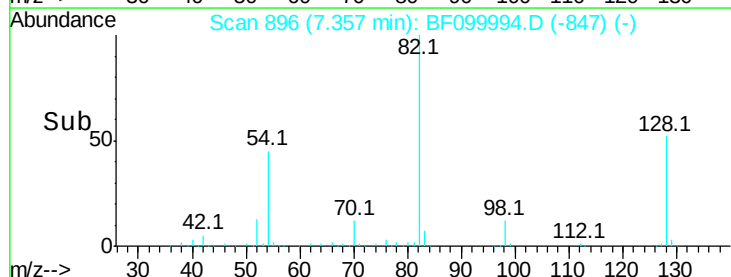
54 45.0 41.4 62.2

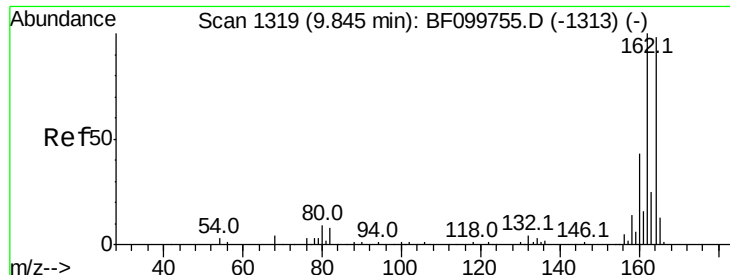


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

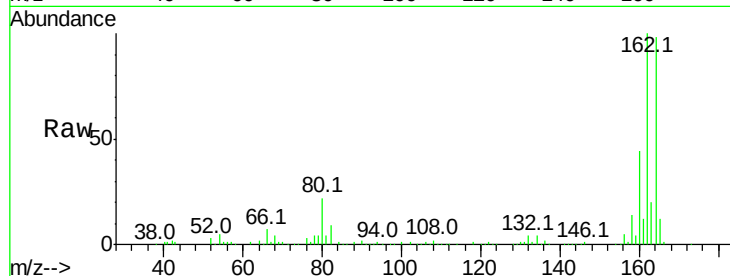




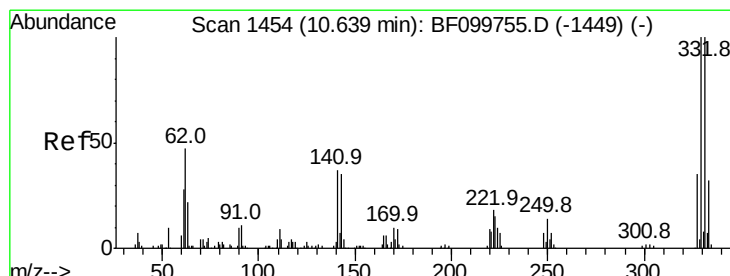
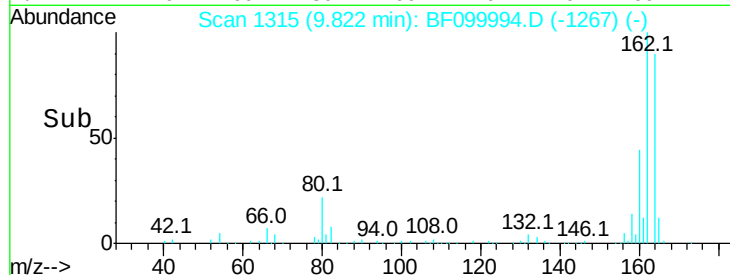
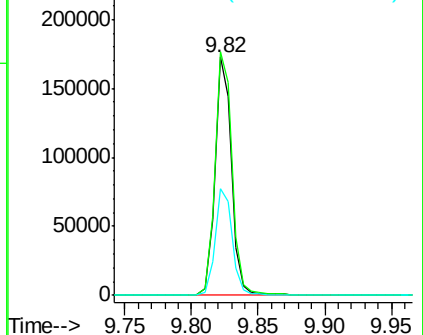
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099994.D
 Acq: 31 Oct 2017 7:09

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(4-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	44.7	38.3	57.5

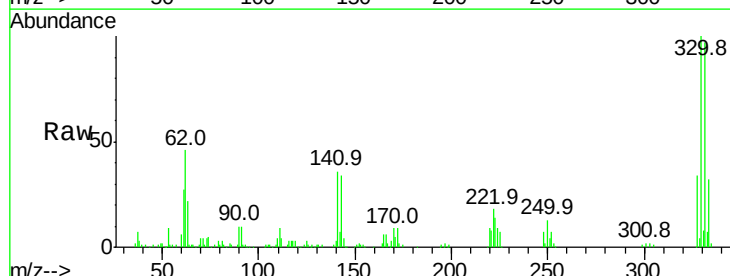


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

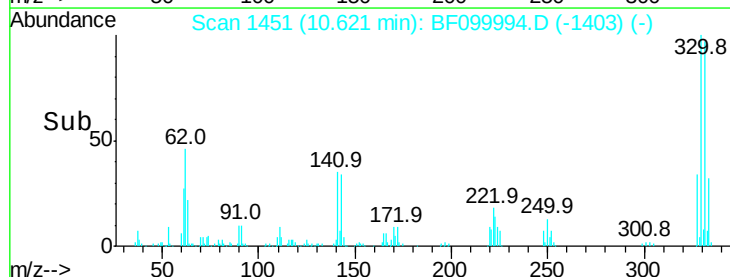
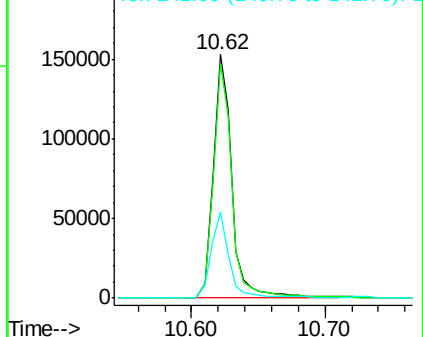


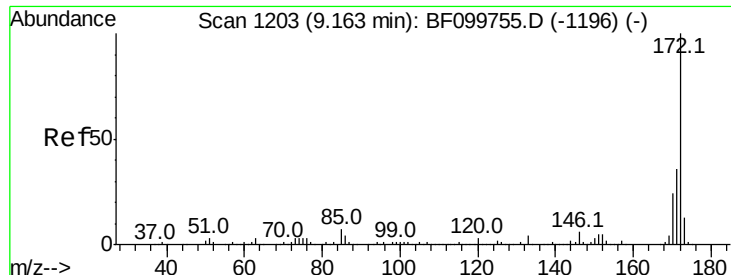
#41
 2,4,6-Tribromophenol
 Concen: 108.942 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099994.D
 Acq: 31 Oct 2017 7:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.9	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

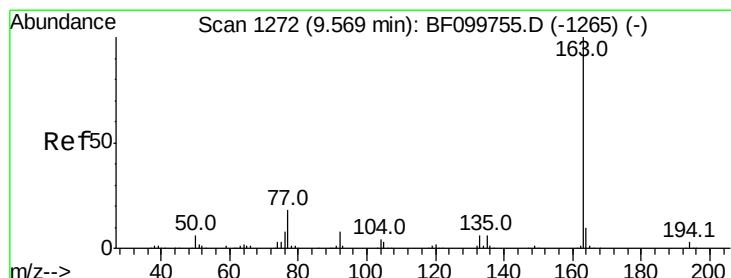
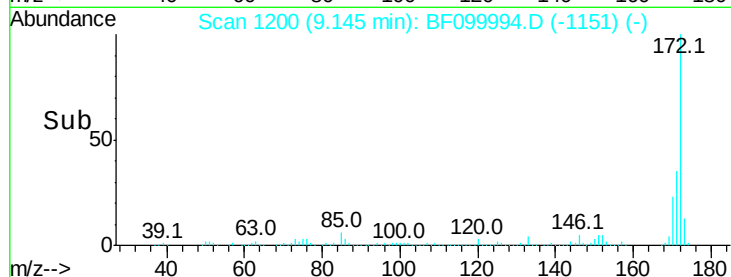
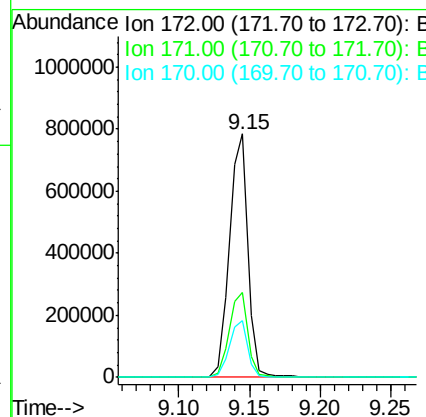
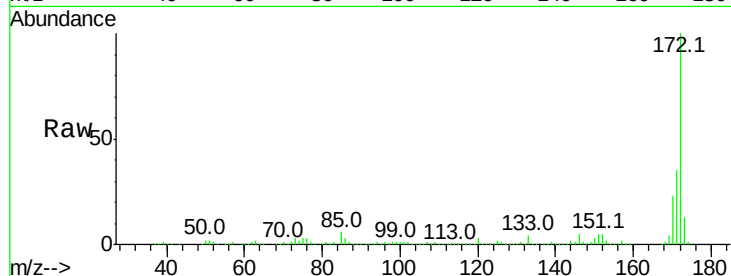




#44
2-Fluorobiphenyl
Concen: 72.963 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099994.D
Acq: 31 Oct 2017 7:09

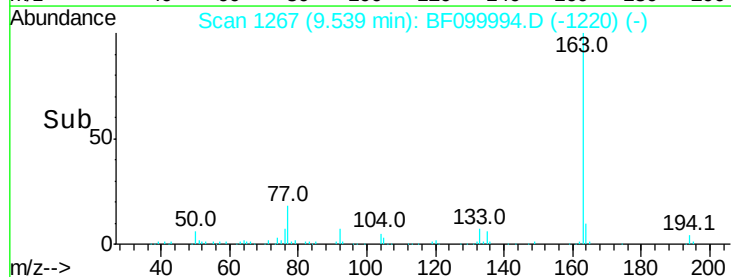
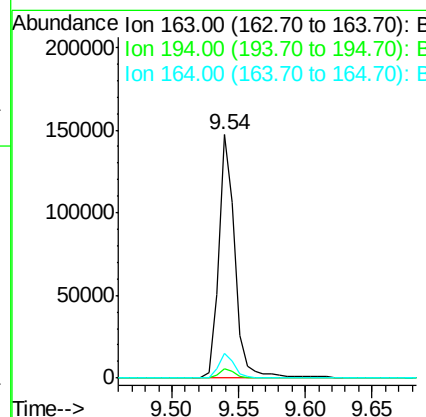
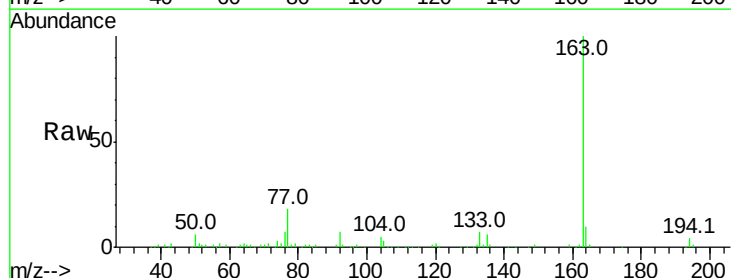
Instrument :
BNA_F
ClientSampleId :
CF-1B(4-5)

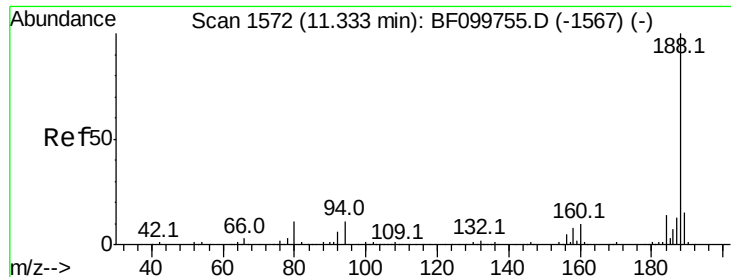
Tot Ion:172 Resp: 714208
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 23.3 19.6 29.4



#49
Dimethylphthalate
Concen: 10.550 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099994.D
Acq: 31 Oct 2017 7:09

Tgt Ion:163 Resp: 126180
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF099994.D

Acq: 31 Oct 2017 7:09

Instrument :

BNA_F

ClientSampleId :

CF-1B(4-5)

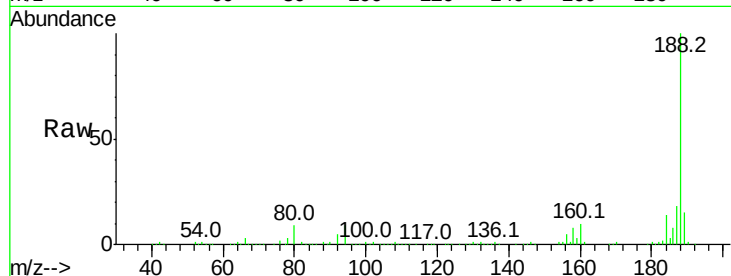
Tot Ion:188 Resp: 262746

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

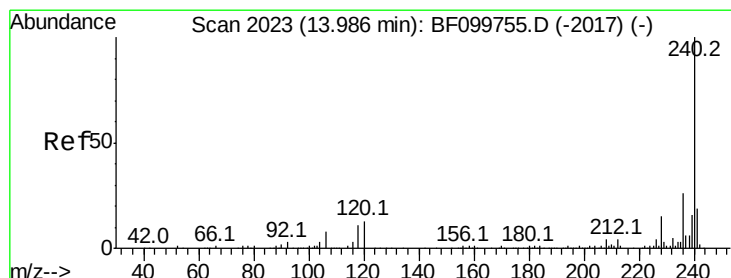
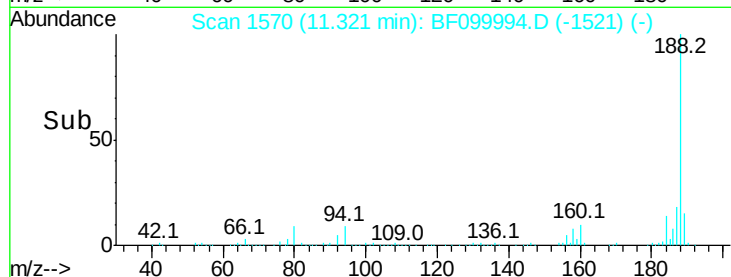
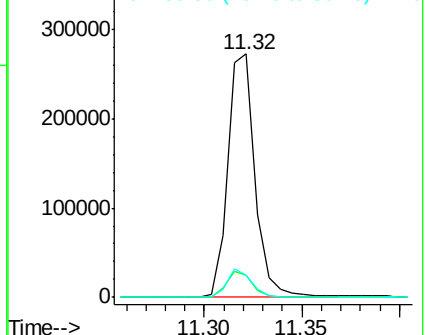
80 9.2 9.2 13.8



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: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF099994.D

Acq: 31 Oct 2017 7:09

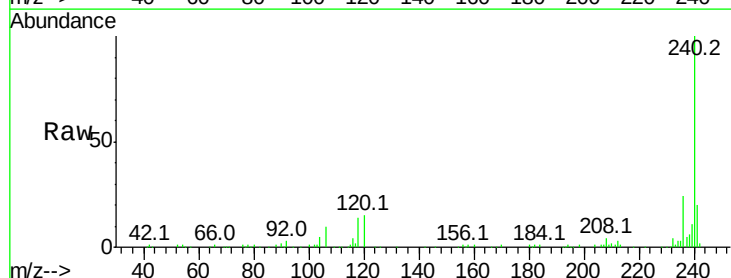
Tgt Ion:240 Resp: 166931

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

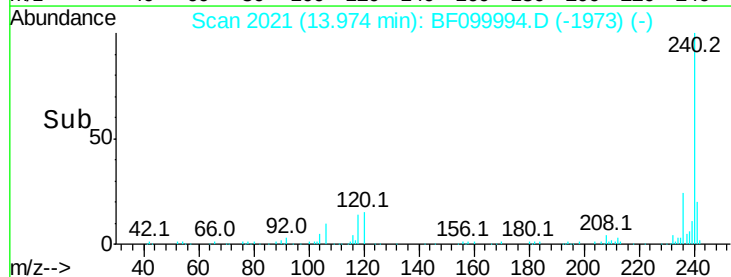
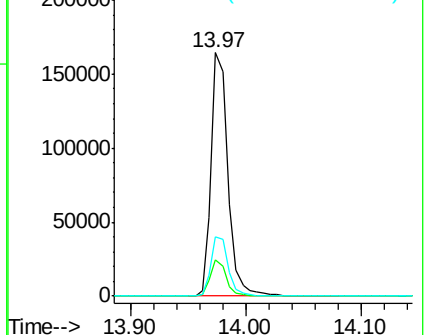
236 24.5 20.7 31.1

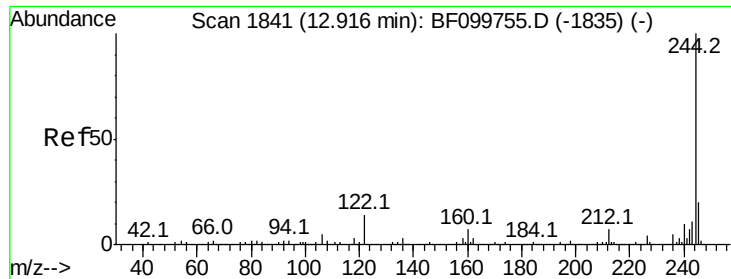


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.943 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.02 min

Lab File: BF099994.D

Acq: 31 Oct 2017 7:09

Instrument :

BNA_F

ClientSampleId :

CF-1B(4-5)

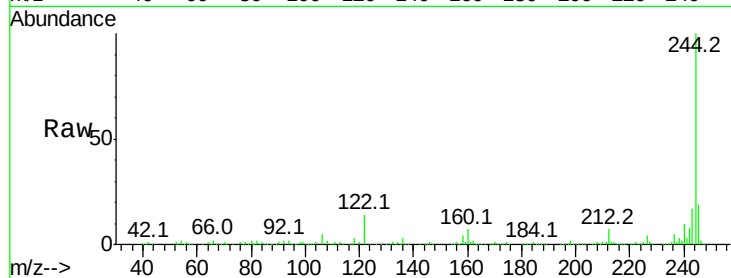
Tot Ion:244 Resp: 587731

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

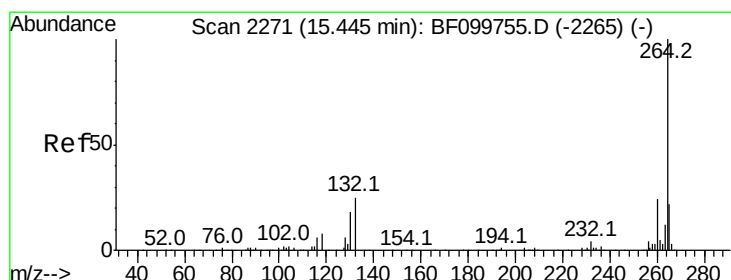
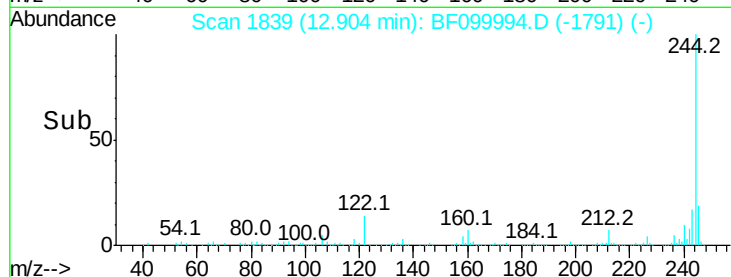
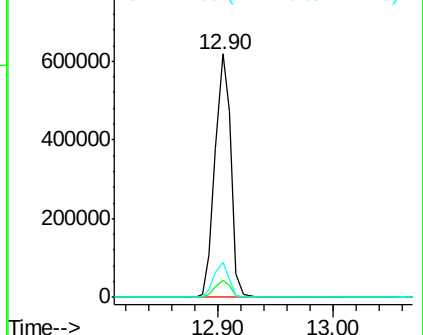
122 14.4 11.0 16.4



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: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF099994.D

Acq: 31 Oct 2017 7:09

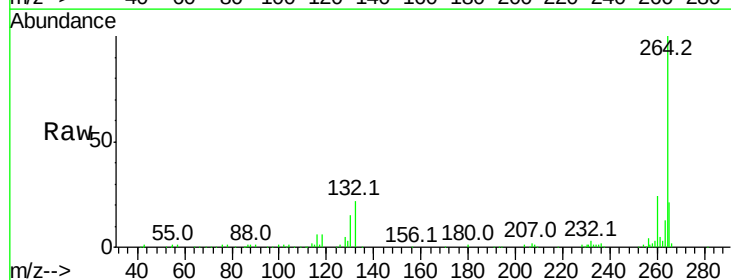
Tgt Ion:264 Resp: 150440

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.0 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

