

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
 Data File : BM009464.D
 Acq On : 30 Mar 2017 23:09
 Operator : SJ/MA
 Sample : I2436-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 54C-9-11

Quant Time: Mar 31 08:55:37 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

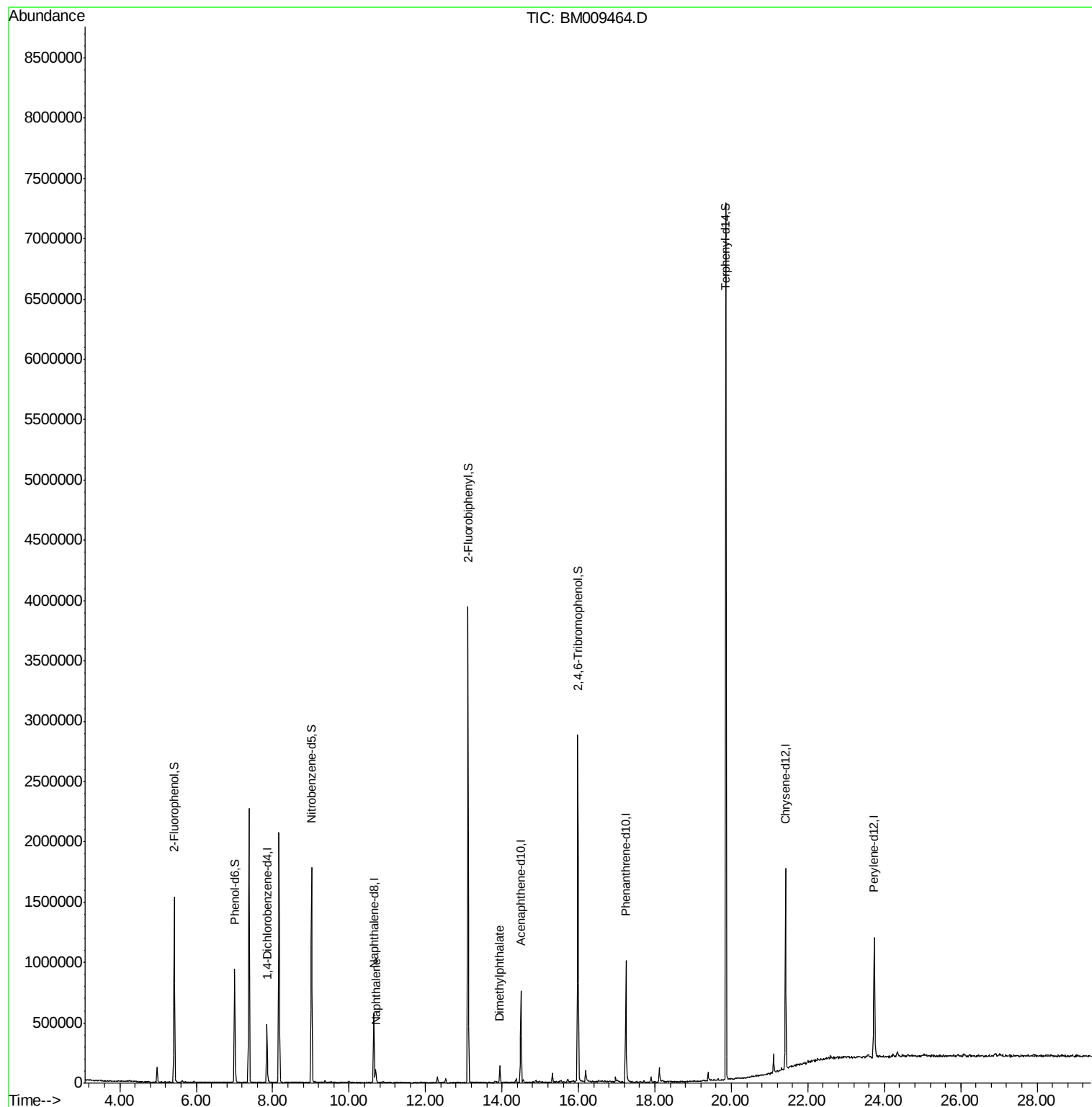
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	106082	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	398360	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	227018	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	543798	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	761611	20.00	ng	-0.01
86) Perylene-d12	23.74	264	759401	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	503677	79.14	ng	-0.01
7) Phenol-d6	7.00	99	436071	50.25	ng	-0.02
23) Nitrobenzene-d5	9.02	82	982924	92.51	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	433511	153.71	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1742787	92.50	ng	-0.01
78) Terphenyl-d14	19.86	244	2981186	81.79	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.70	128	78022	3.69	ng	# 95
49) Dimethylphthalate	13.94	163	71394	4.10	ng	# 95

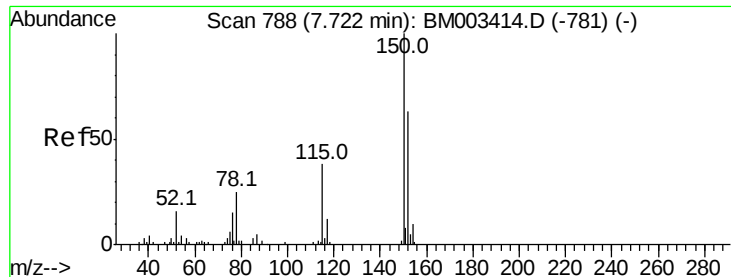
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
Data File : BM009464.D
Acq On : 30 Mar 2017 23:09
Operator : SJ/MA
Sample : I2436-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
54C-9-11

Quant Time: Mar 31 08:55:37 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BM009464.D

Acq: 30 Mar 2017 23:09

Instrument :

BNA_M

ClientSampled :

54C-9-11

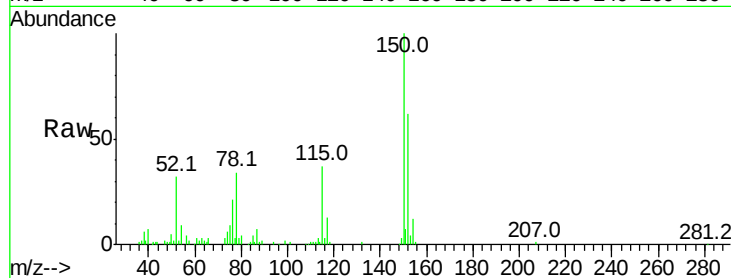
Tot Ion:152 Resp: 106082

Ion Ratio Lower Upper

152 100

150 160.3 119.5 179.3

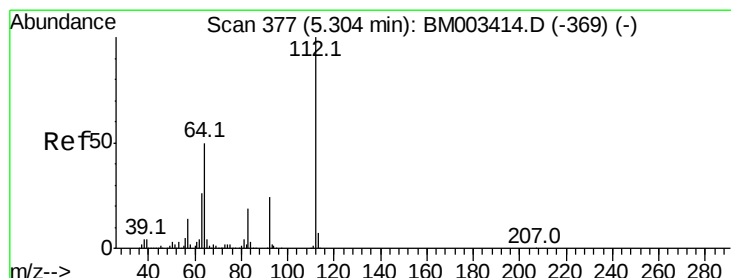
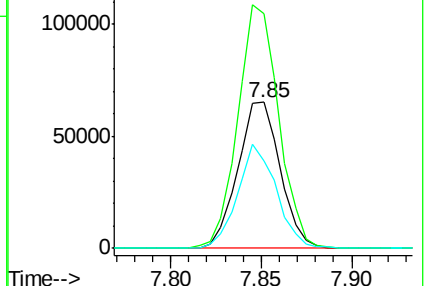
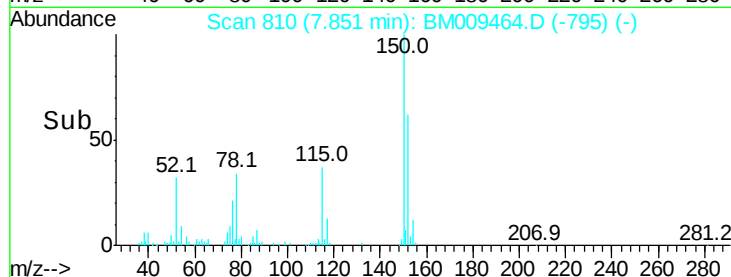
115 59.6 43.0 64.4



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: 79.14 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009464.D

Acq: 30 Mar 2017 23:09

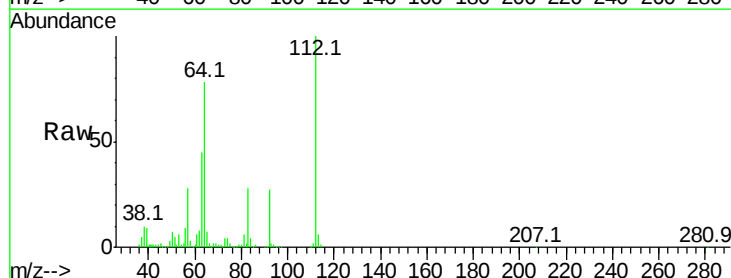
Tgt Ion:112 Resp: 503677

Ion Ratio Lower Upper

112 100

64 77.6 38.6 57.8#

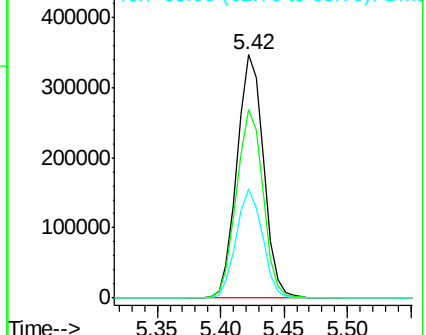
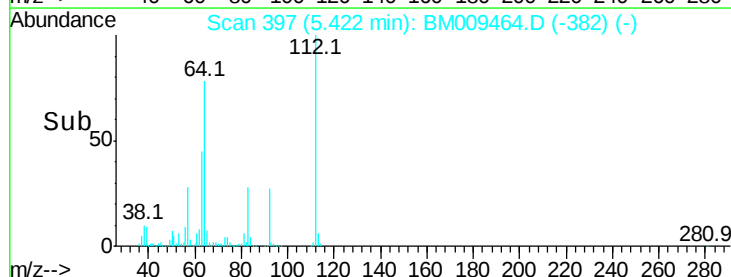
63 45.0 19.3 28.9#

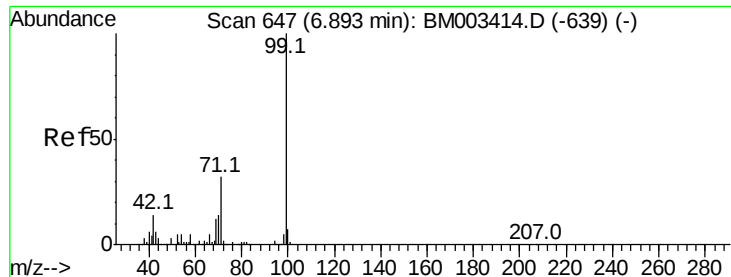


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 50.25 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009464.D

Acq: 30 Mar 2017 23:09

Instrument :

BNA_M

ClientSampleId :

54C-9-11

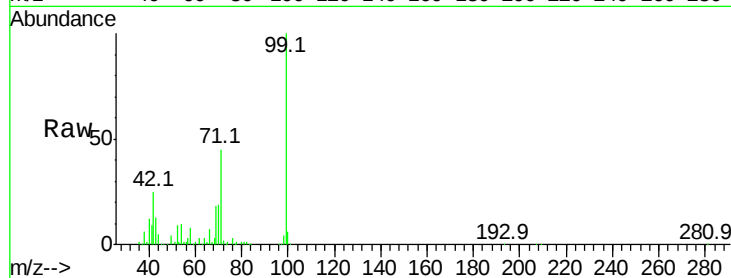
Tot Ion: 99 Resp: 436071

Ion Ratio Lower Upper

99 100

42 25.4 11.0 16.4#

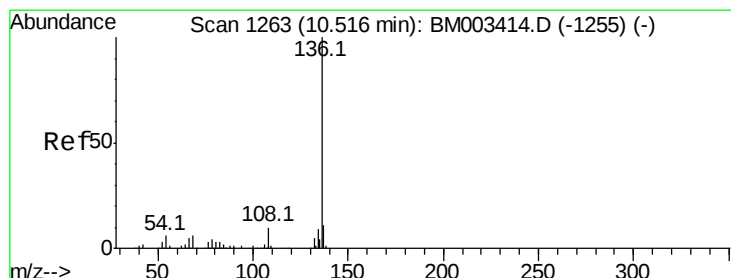
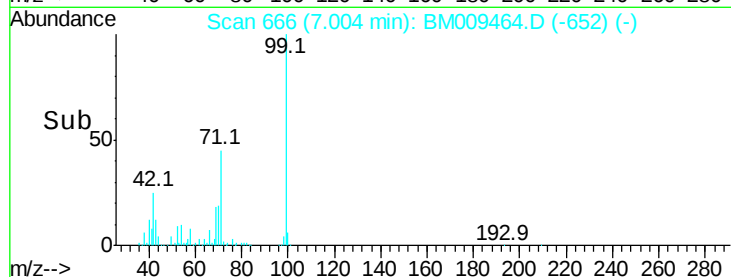
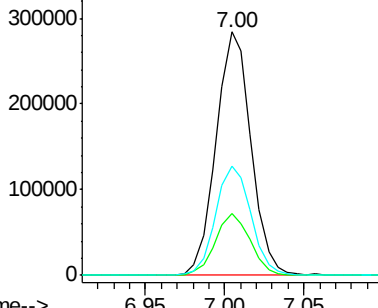
71 44.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009464.D

Acq: 30 Mar 2017 23:09

Tgt Ion: 136 Resp: 398360

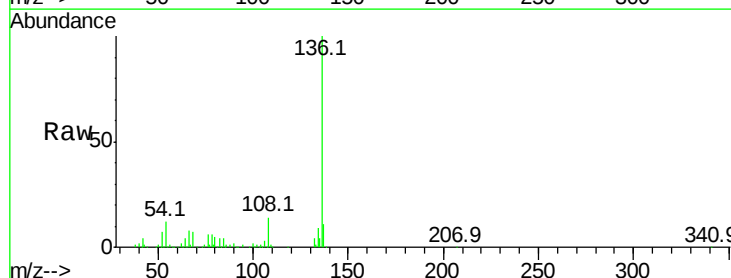
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 12.0 4.6 6.8#

68 7.3 3.7 5.5#

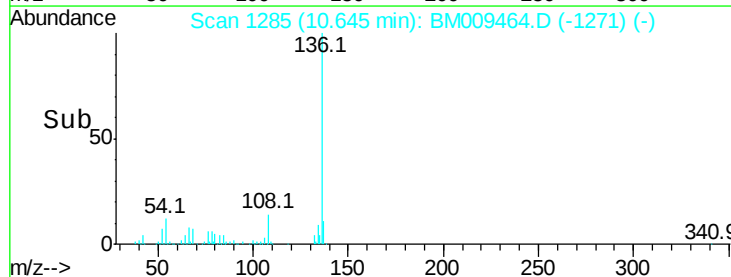
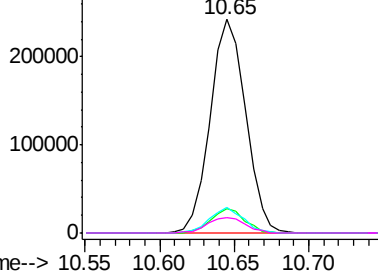


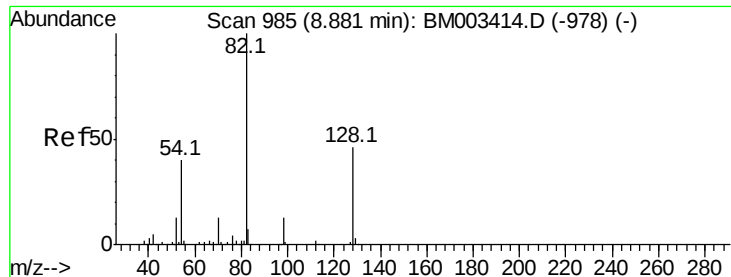
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)





#23

Nitrobenzene-d5

Concen: 92.51 ng

RT: 9.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BM009464.D

Acq: 30 Mar 2017 23:09

Instrument :

BNA_M

ClientSampleId :

54C-9-11

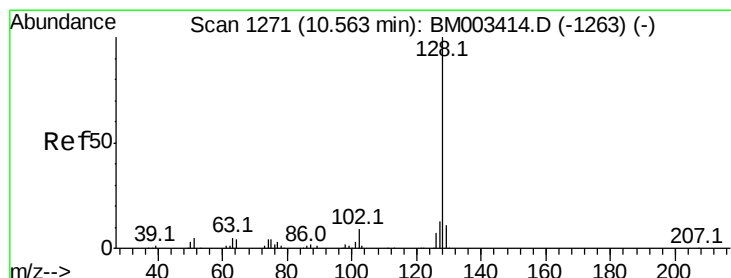
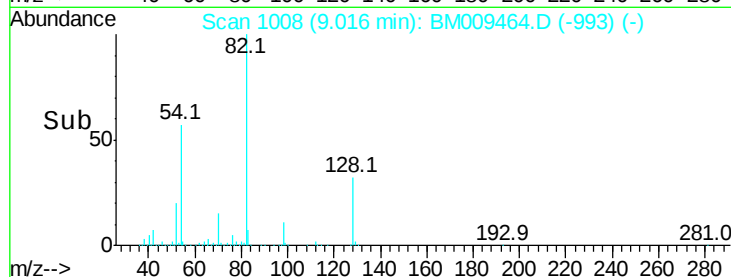
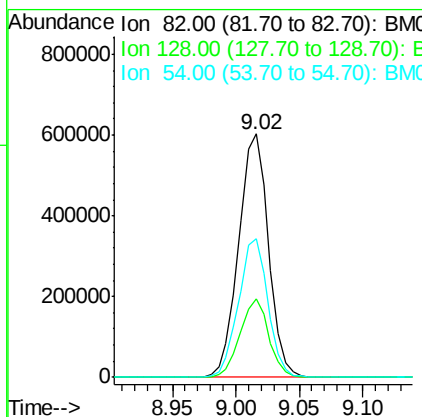
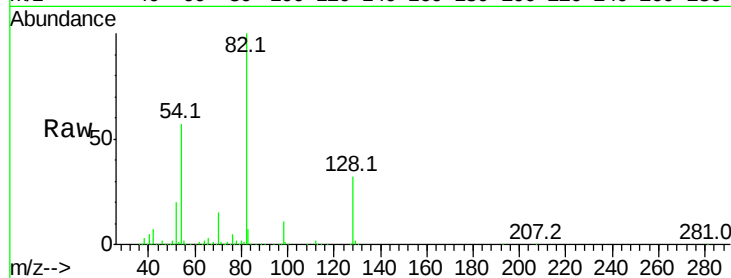
Tot Ion: 82 Resp: 982924

Ion Ratio Lower Upper

82 100

128 32.2 32.8 49.2#

54 56.7 40.6 60.8



#31

Naphthalene

Concen: 3.69 ng

RT: 10.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BM009464.D

Acq: 30 Mar 2017 23:09

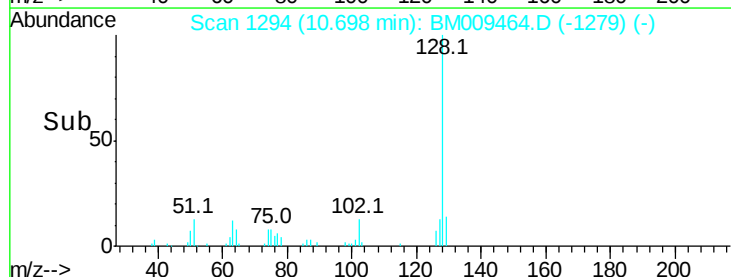
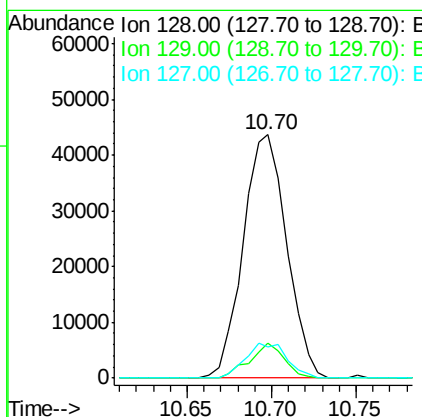
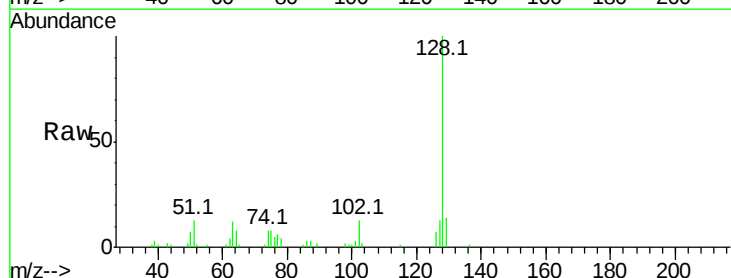
Tgt Ion: 128 Resp: 78022

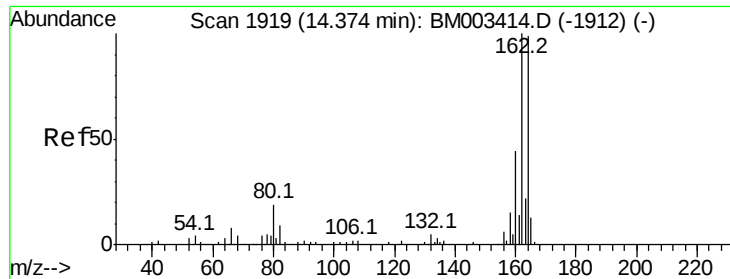
Ion Ratio Lower Upper

128 100

129 14.5 8.9 13.3#

127 12.7 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009464.D

Acq: 30 Mar 2017 23:09

Instrument :

BNA_M

ClientSampleId :

54C-9-11

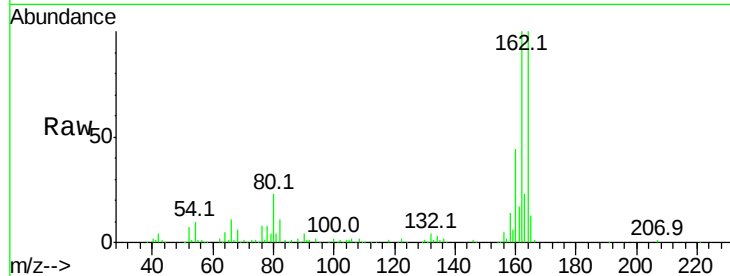
Tot Ion:164 Resp: 227018

Ion Ratio Lower Upper

164 100

162 100.5 82.4 123.6

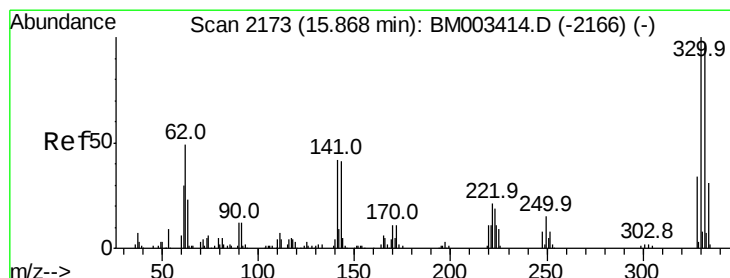
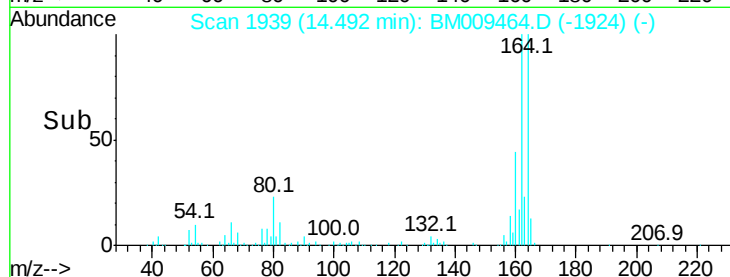
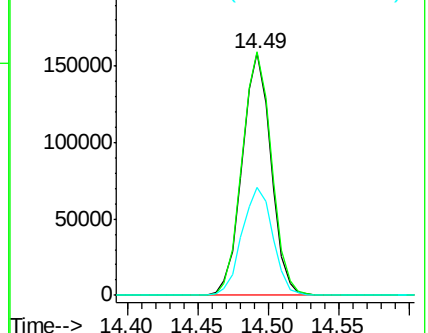
160 44.4 35.8 53.6



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: 153.71 ng

RT: 15.99 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BM009464.D

Acq: 30 Mar 2017 23:09

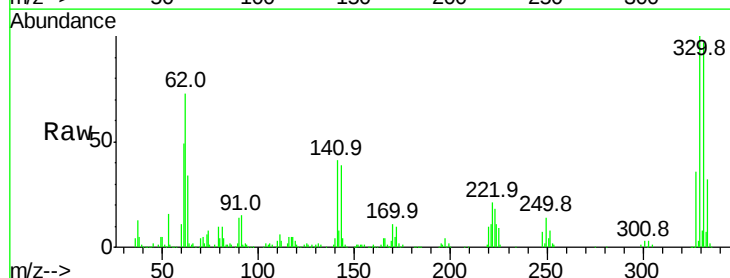
Tgt Ion:330 Resp: 433511

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

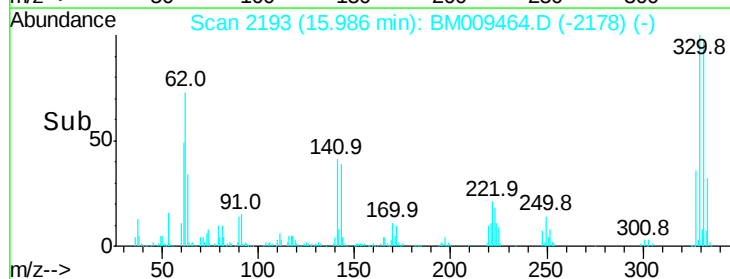
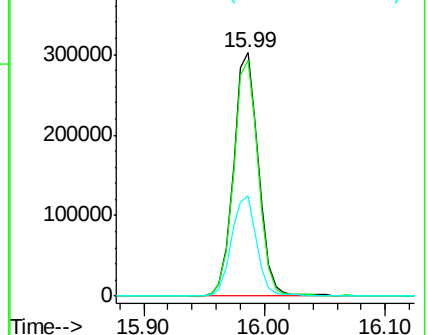
141 41.8 0.0 0.0#

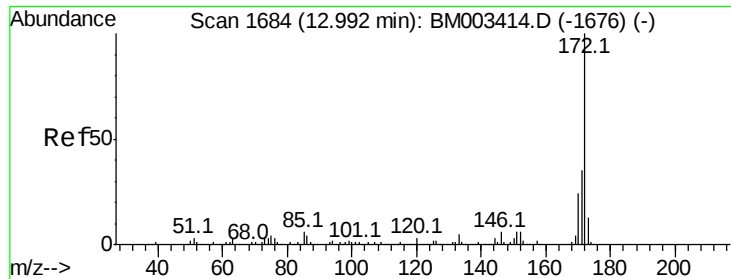


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

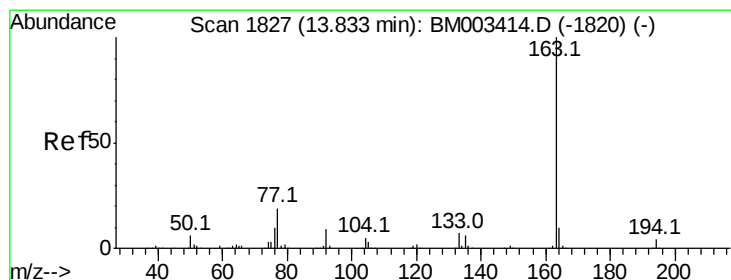
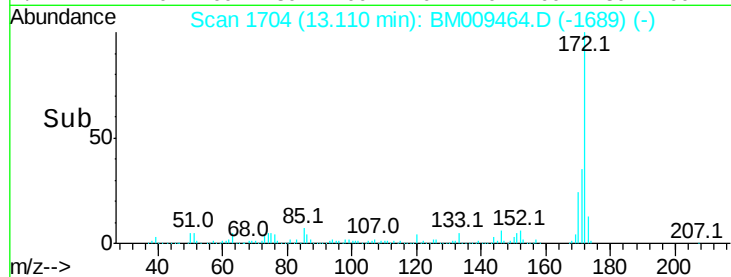
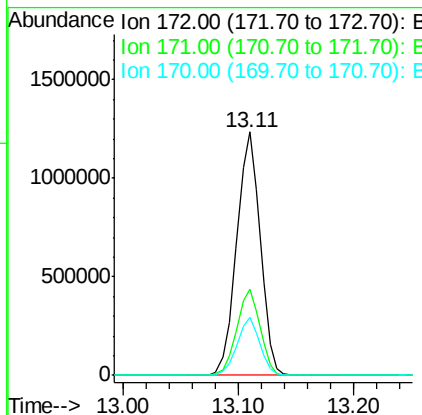
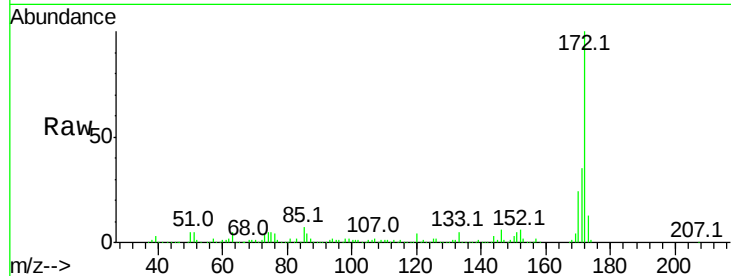




#44
2-Fluorobiphenyl
Concen: 92.50 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009464.D
Acq: 30 Mar 2017 23:09

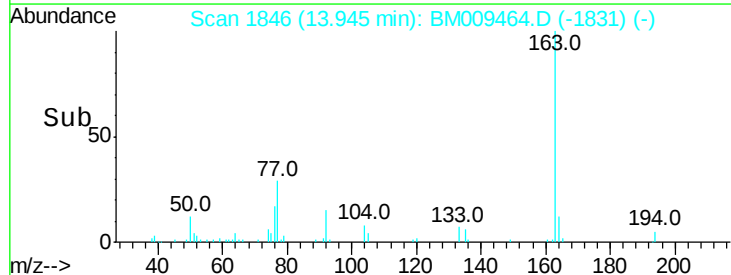
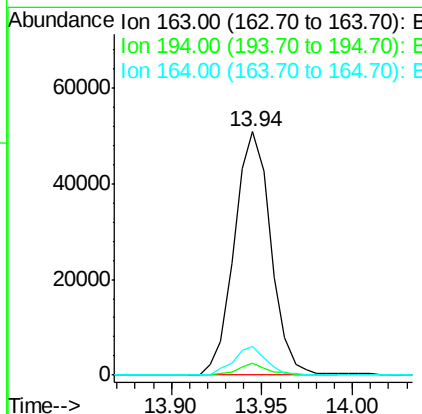
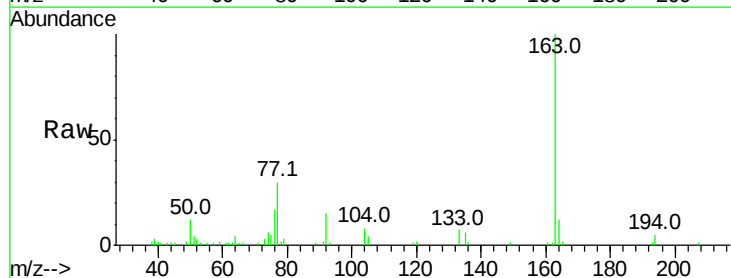
Instrument :
BNA_M
ClientSampleId :
54C-9-11

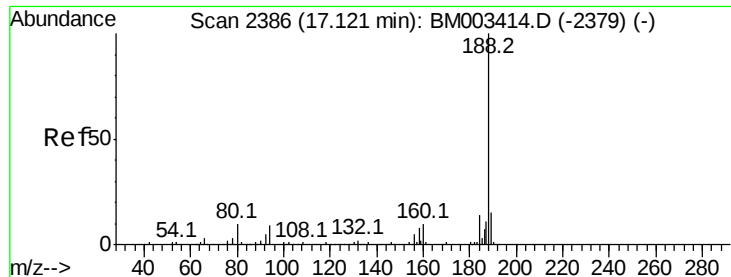
Tot Ion:172 Resp: 1742787
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.6 18.8 28.2



#49
Dimethylphthalate
Concen: 4.10 ng
RT: 13.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM009464.D
Acq: 30 Mar 2017 23:09

Tgt Ion:163 Resp: 71394
Ion Ratio Lower Upper
163 100
194 5.1 2.7 4.1#
164 11.9 8.2 12.2

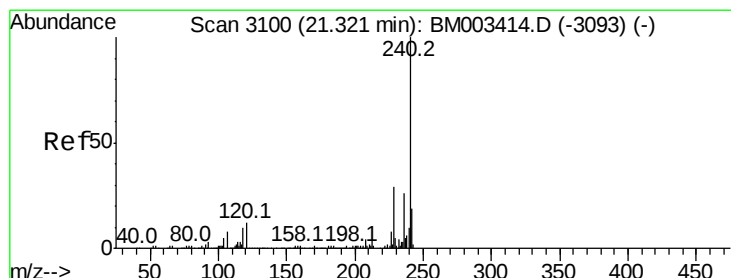
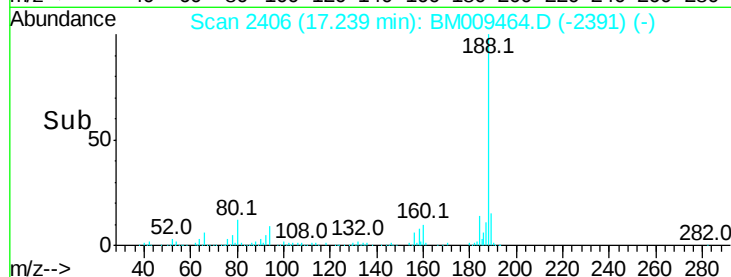
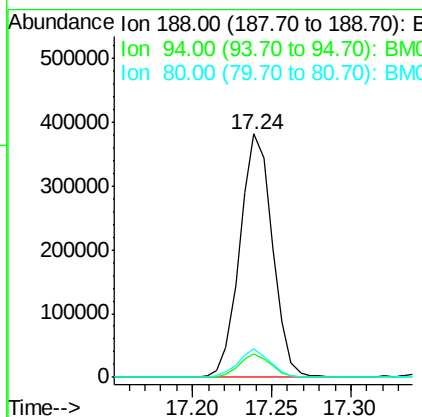
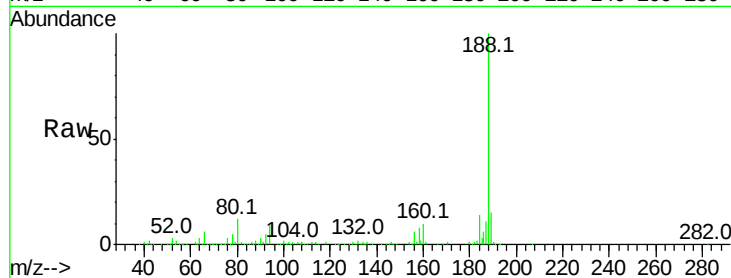




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009464.D
Acq: 30 Mar 2017 23:09

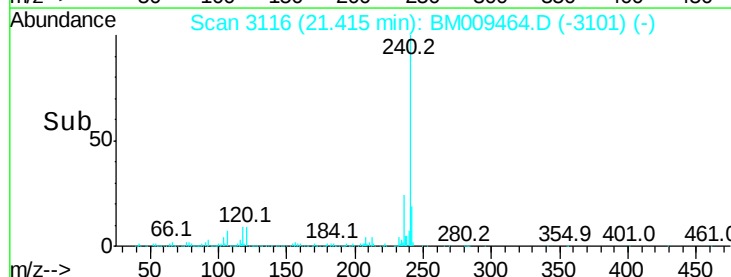
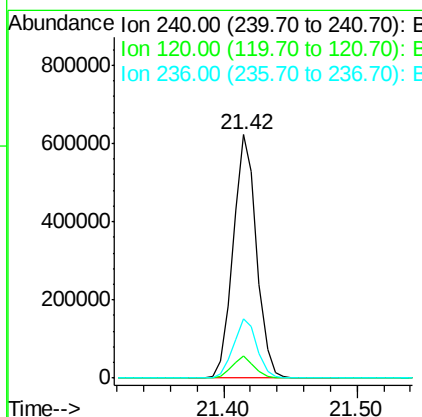
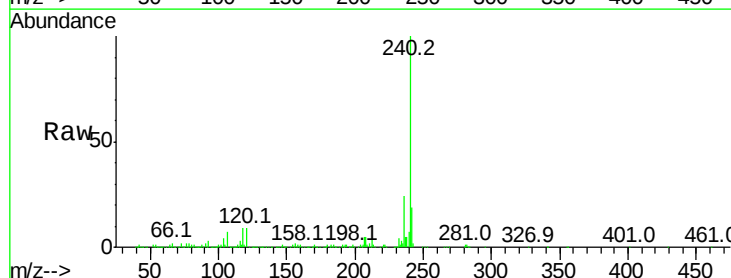
Instrument :
BNA_M
ClientSampleId :
54C-9-11

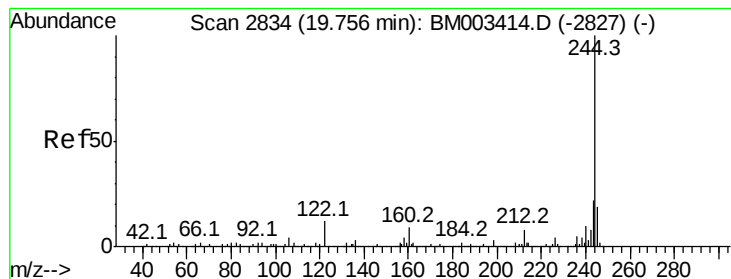
Tot Ion:188 Resp: 543798
Ion Ratio Lower Upper
188 100
94 9.5 8.7 13.1
80 11.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009464.D
Acq: 30 Mar 2017 23:09

Tgt Ion:240 Resp: 761611
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.2
236 24.2 20.0 30.0





#78

Terphenyl-d14

Concen: 81.79 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009464.D

Acq: 30 Mar 2017 23:09

Instrument :

BNA_M

ClientSampleId :

54C-9-11

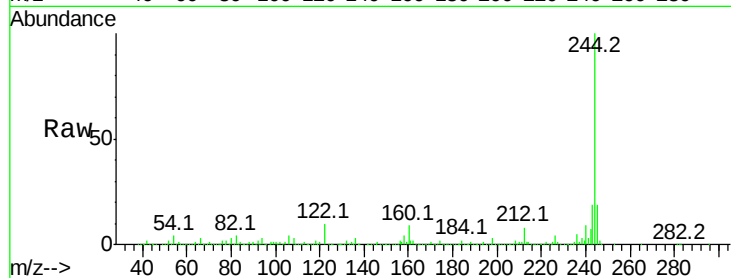
Tot Ion:244 Resp: 2981186

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

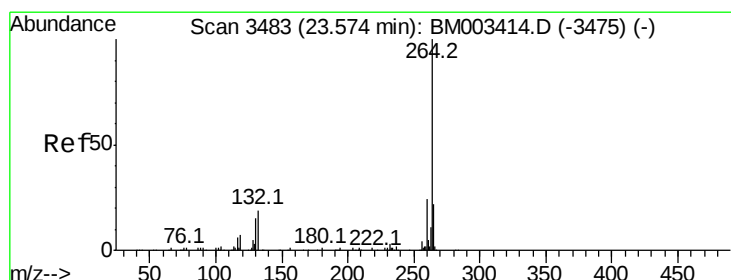
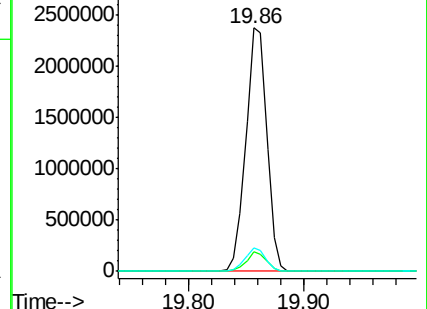
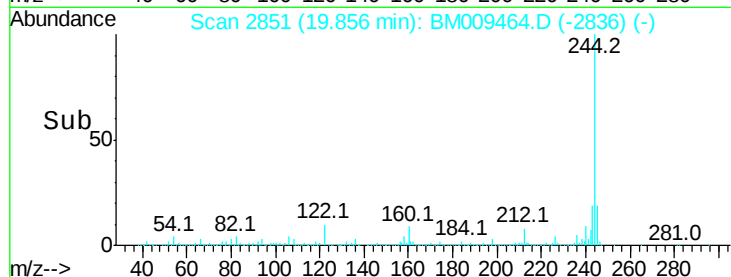
122 9.6 6.2 9.4#



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: 20.00 ng

RT: 23.74 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM009464.D

Acq: 30 Mar 2017 23:09

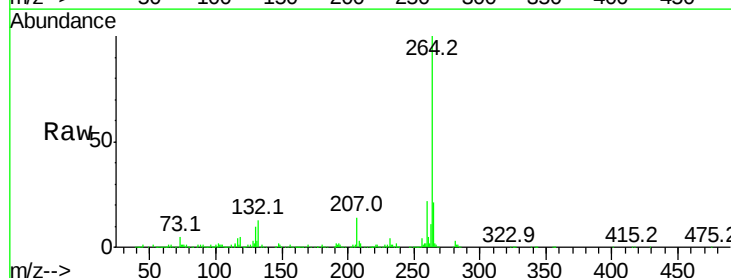
Tgt Ion:264 Resp: 759401

Ion Ratio Lower Upper

264 100

260 21.9 18.6 27.8

265 20.8 17.3 25.9



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

