

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121015\
 Data File : BM003480.D
 Acq On : 11 Dec 2015 07:45
 Operator : UM/IZ
 Sample : G4681-03DL 125X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20151203-MGP218-BRV108DL2

Quant Time: Dec 11 10:45:35 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

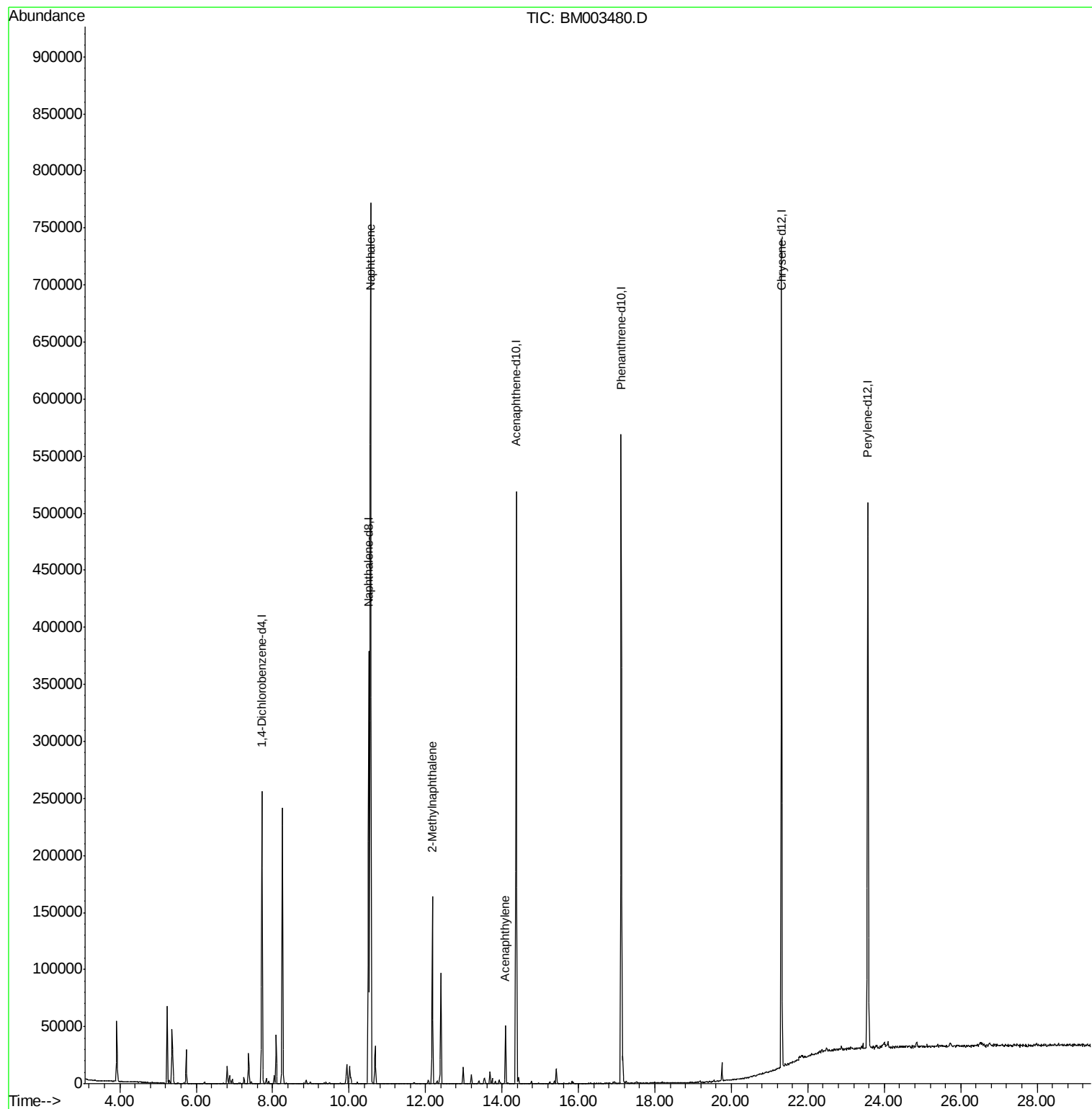
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	72933	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	330596	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	180317	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	353730	20.00	ng	0.00
75) Chrysene-d12	21.32	240	341596	20.00	ng	0.00
86) Perylene-d12	23.57	264	335580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1524	0.37	ng	0.00
7) Phenol-d6	6.89	99	1253	0.22	ng	0.00
23) Nitrobenzene-d5	8.88	82	2721	0.51	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	679	0.38	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	10081	0.76	ng	0.00
78) Terphenyl-d14	19.75	244	9472	0.65	ng	0.00
Target Compounds						
31) Naphthalene	10.56	128	677016	39.14	ng	Qvalue 100
37) 2-Methylnaphthalene	12.17	142	82476	6.95	ng	98
48) Acenaphthylene	14.09	152	39739	2.03	ng	99

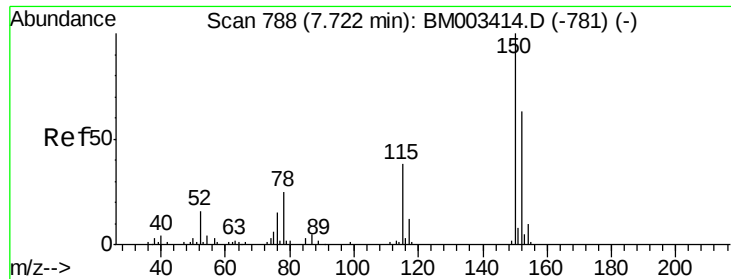
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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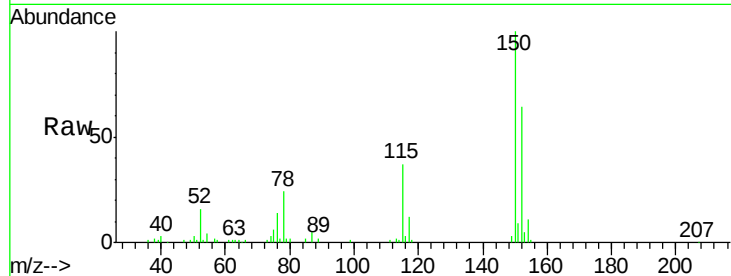


#1

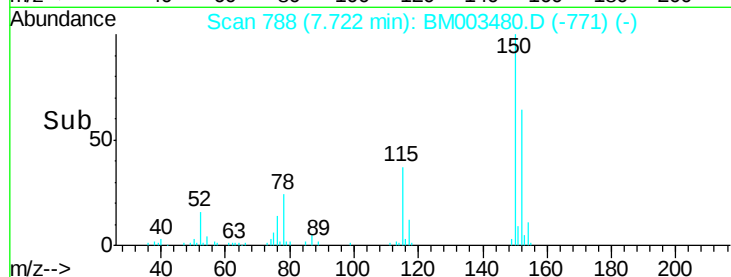
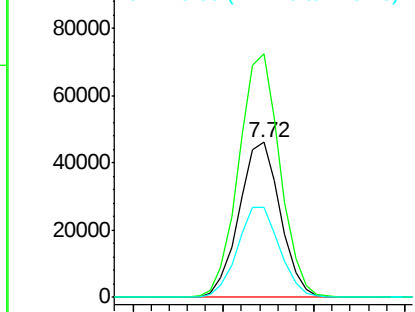
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003480.D
Acq: 11 Dec 2015 07:45

Instrument :
BNA_M
ClientSampleId :
20151203-MGP218-BRV108DL2

Tgt Ion:152 Resp: 72933
Ion Ratio Lower Upper
152 100
150 157.1 119.5 179.3
115 58.4 43.0 64.4



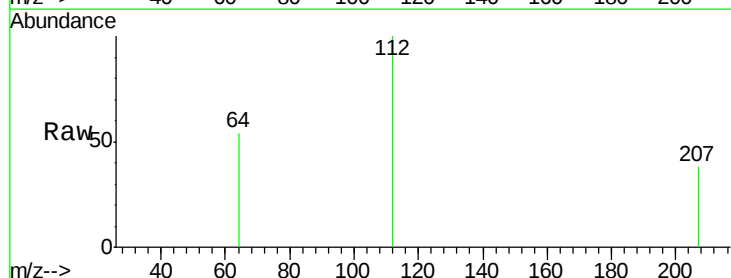
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



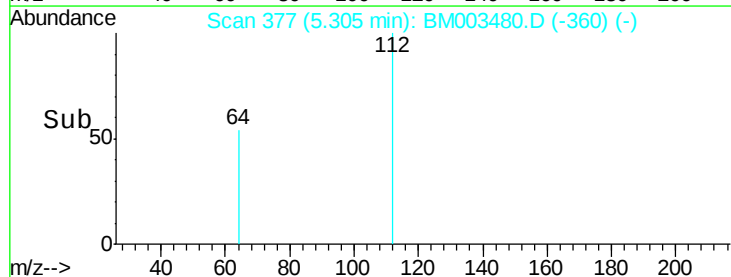
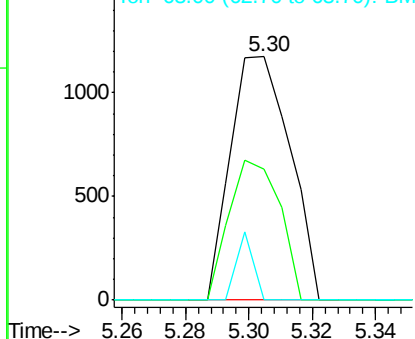
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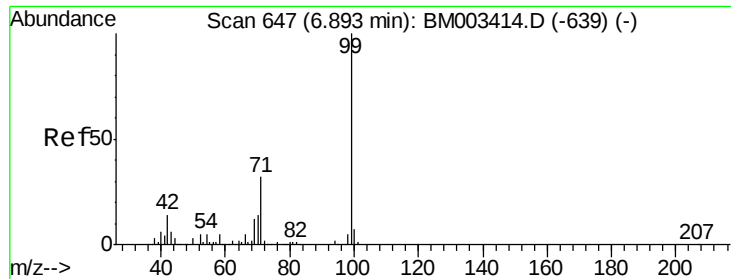
2-Fluorophenol
Concen: 0.37 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003480.D
Acq: 11 Dec 2015 07:45

Tgt Ion:112 Resp: 1524
Ion Ratio Lower Upper
112 100
64 53.9 38.6 57.8
63 0.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 0.22 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003480.D

Acq: 11 Dec 2015 07:45

Instrument :

BNA_M

ClientSampleId :

20151203-MGP218-BRV108DL2

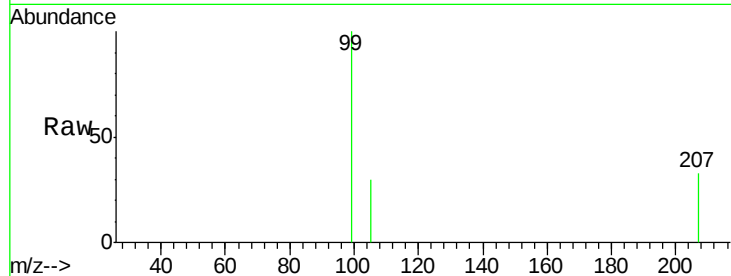
Tgt Ion: 99 Resp: 1253

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

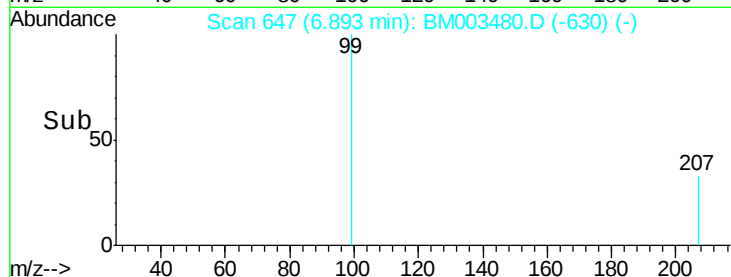
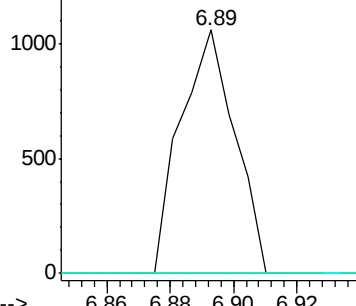
71 0.0 23.4 35.2#



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: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003480.D

Acq: 11 Dec 2015 07:45

Tgt Ion: 136 Resp: 330596

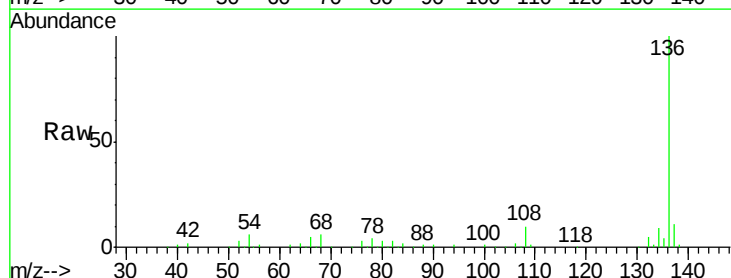
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.7 4.6 6.8

68 5.5 3.7 5.5#

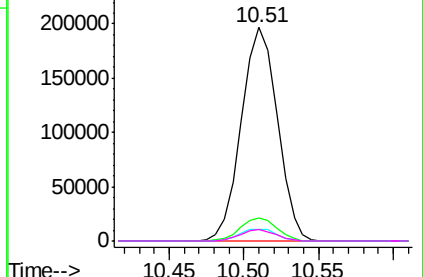
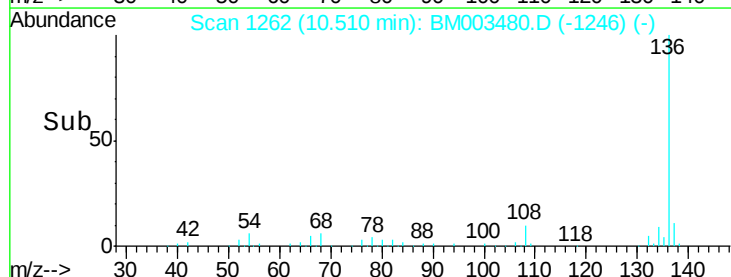


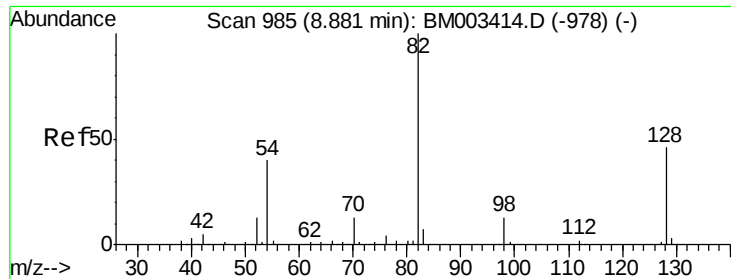
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

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) (-)

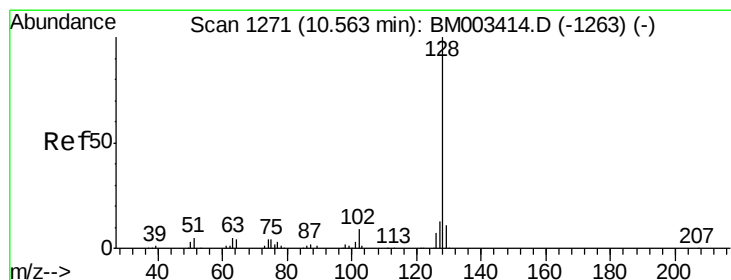
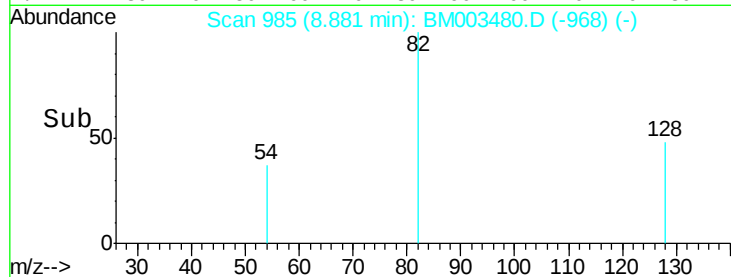
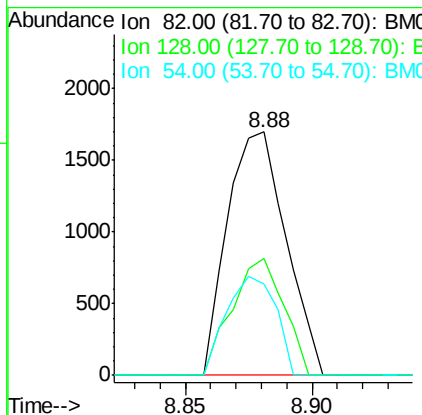
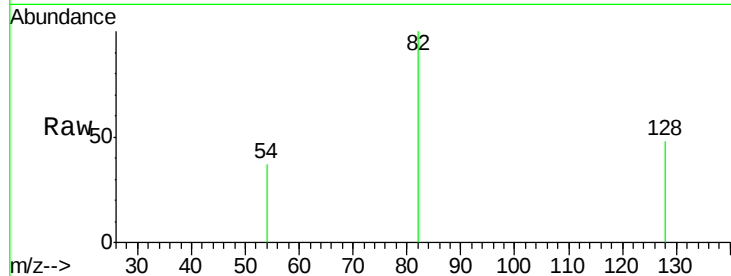




#23
 Nitrobenzene-d5
 Concen: 0.51 ng
 RT: 8.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM003480.D
 Acq: 11 Dec 2015 07:45

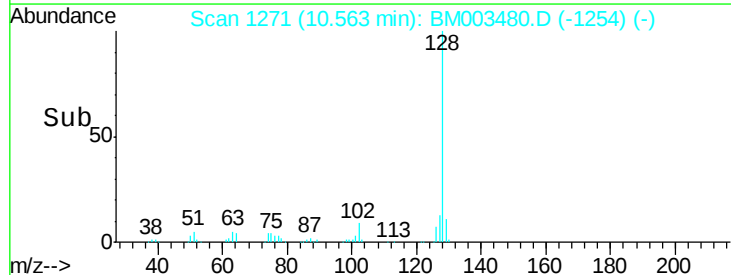
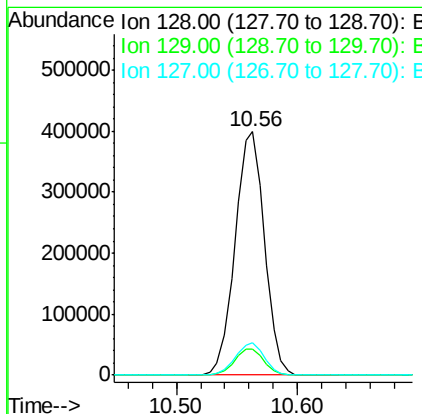
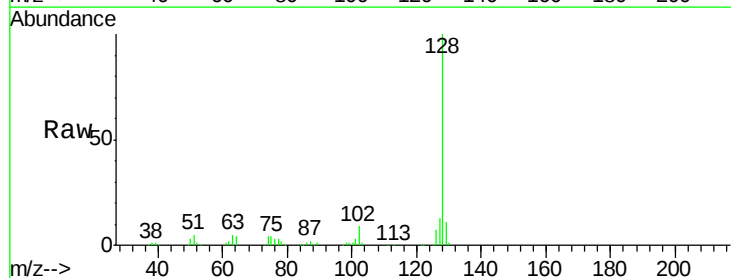
Instrument :
 BNA_M
 ClientSampleId :
 20151203-MGP218-BRV108DL2

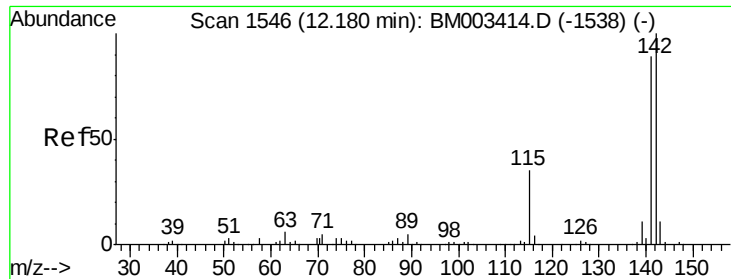
Tgt Ion: 82 Resp: 2721
 Ion Ratio Lower Upper
 82 100
 128 47.8 32.8 49.2
 54 37.4 40.6 60.8#



#31
 Naphthalene
 Concen: 39.14 ng
 RT: 10.56 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BM003480.D
 Acq: 11 Dec 2015 07:45

Tgt Ion: 128 Resp: 677016
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.9 13.3
 127 13.1 10.4 15.6

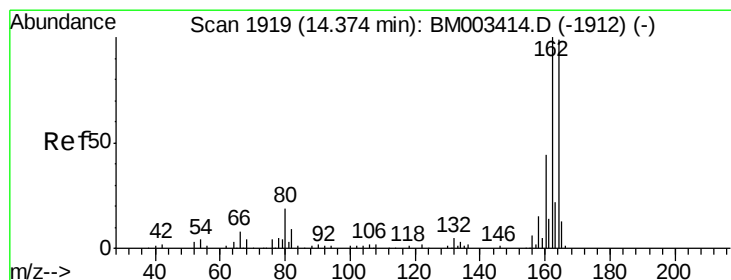
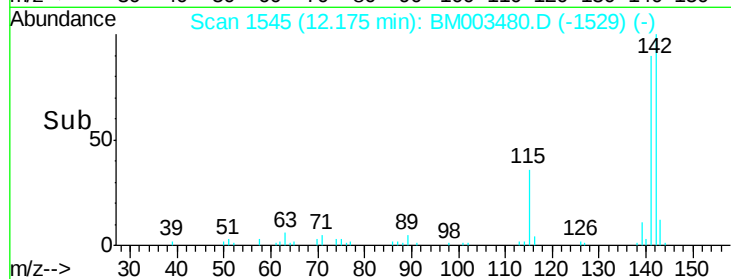
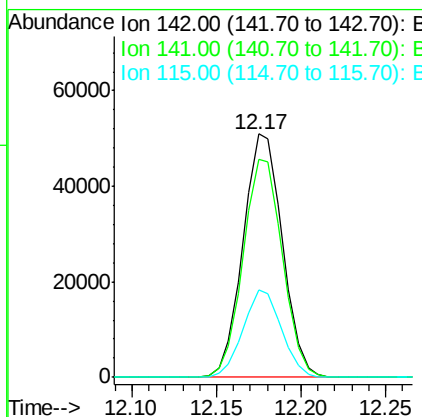
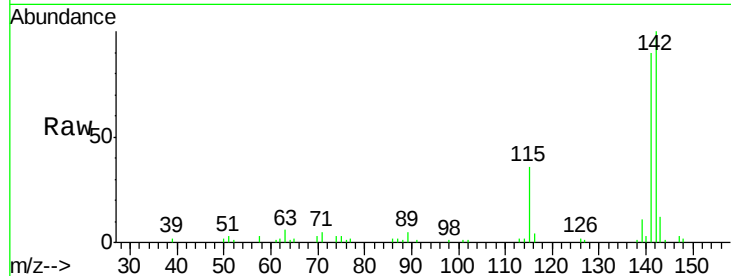




#37
2-Methylnaphthalene
Concen: 6.95 ng
RT: 12.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BM003480.D
Acq: 11 Dec 2015 07:45

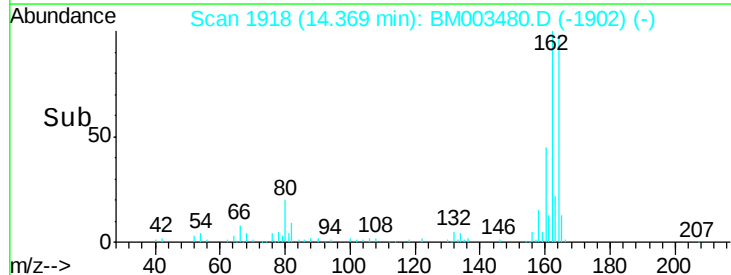
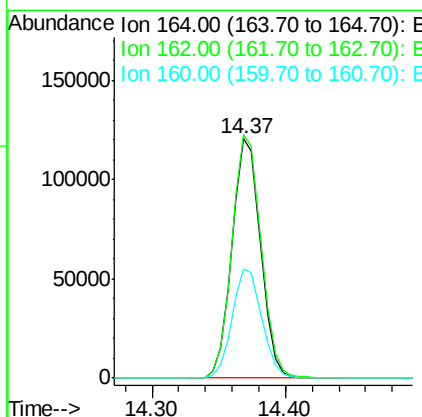
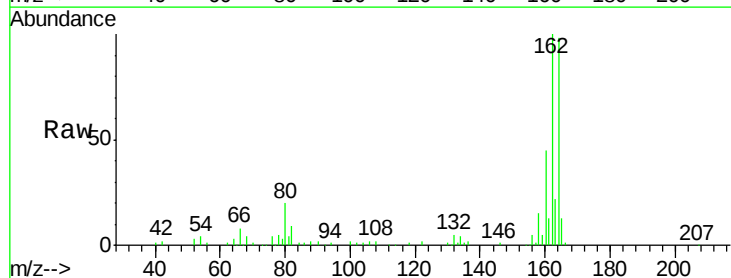
Instrument :
BNA_M
ClientSampleId :
20151203-MGP218-BRV108DL2

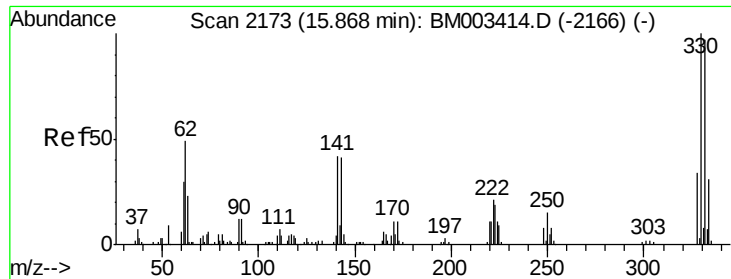
Tgt Ion:142 Resp: 82476
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9
115 35.8 25.4 38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM003480.D
Acq: 11 Dec 2015 07:45

Tgt Ion:164 Resp: 180317
Ion Ratio Lower Upper
164 100
162 101.6 82.4 123.6
160 45.4 35.8 53.6

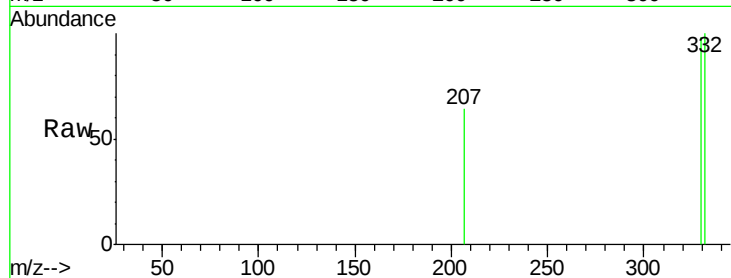




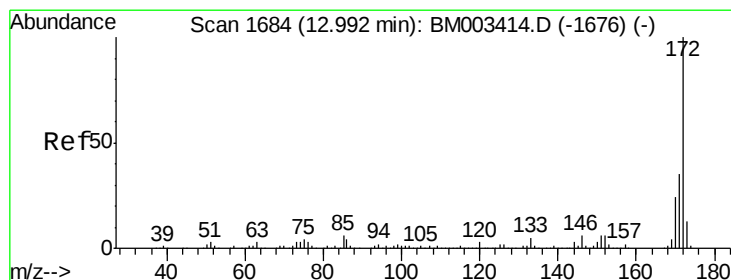
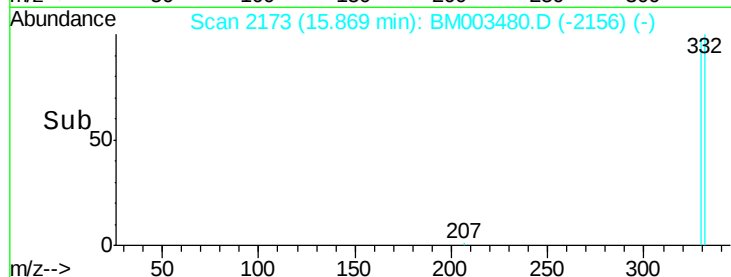
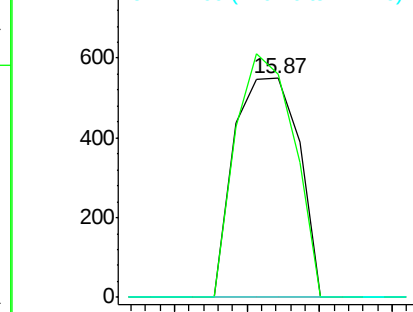
#41
 2,4,6-Tribromophenol
 Concen: 0.38 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003480.D
 Acq: 11 Dec 2015 07:45

Instrument :
 BNA_M
 ClientSampleId :
 20151203-MGP218-BRV108DL2

Tgt Ion: 330 Resp: 679
 Ion Ratio Lower Upper
 330 100
 332 100.6 0.0 0.0#
 141 0.0 0.0 0.0

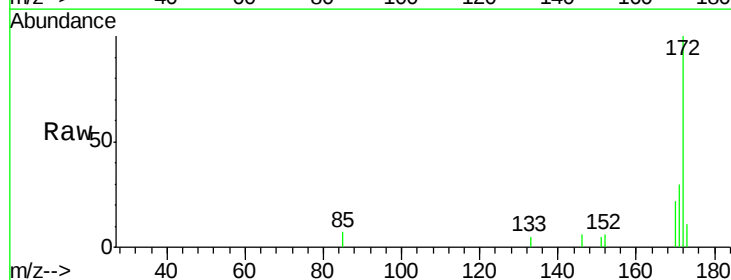


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

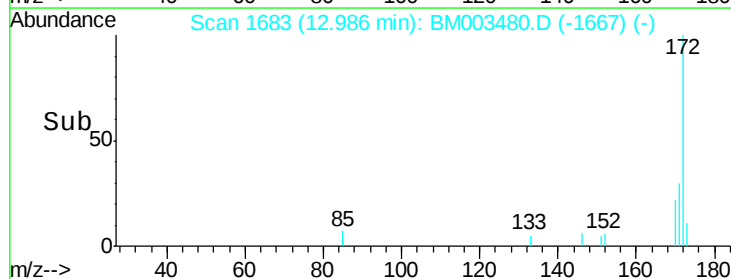
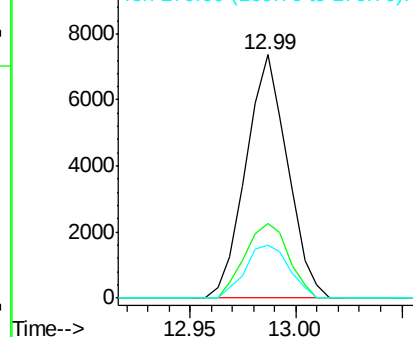


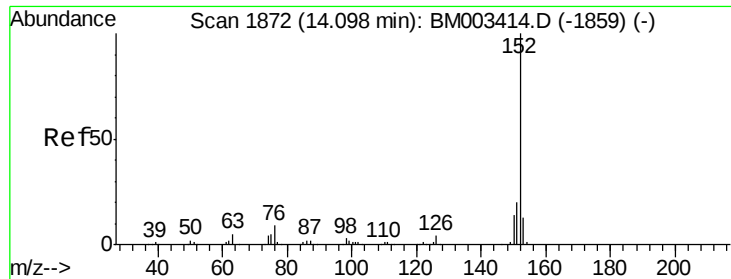
#44
 2-Fluorobiphenyl
 Concen: 0.76 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM003480.D
 Acq: 11 Dec 2015 07:45

Tgt Ion: 172 Resp: 10081
 Ion Ratio Lower Upper
 172 100
 171 30.4 28.5 42.7
 170 21.7 18.8 28.2



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

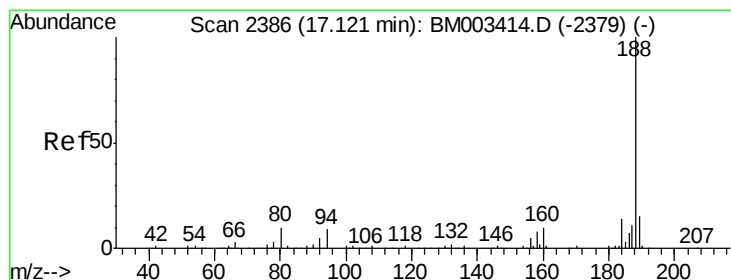
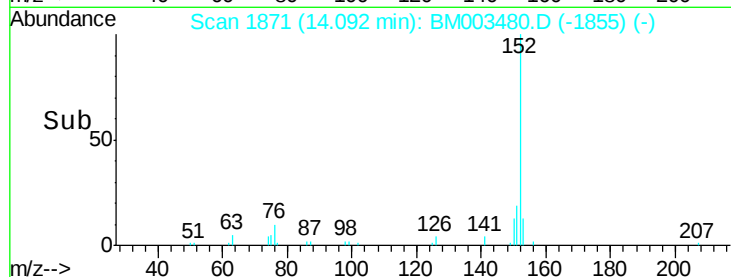
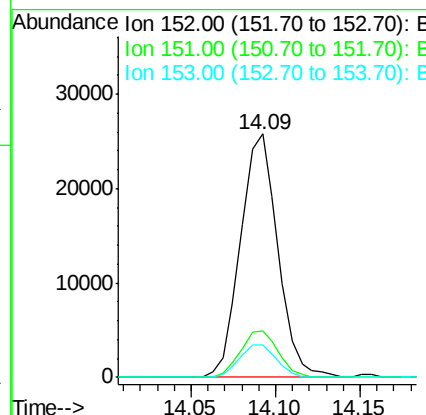
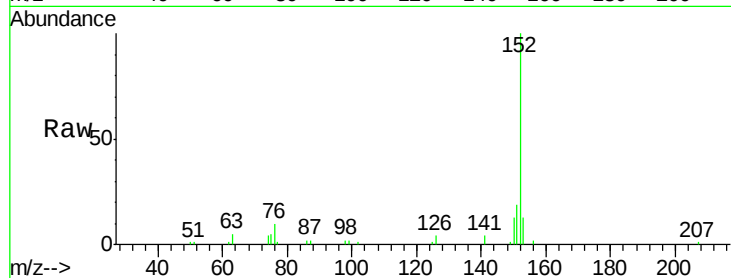




#48
Acenaphthylene
Concen: 2.03 ng
RT: 14.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BM003480.D
Acq: 11 Dec 2015 07:45

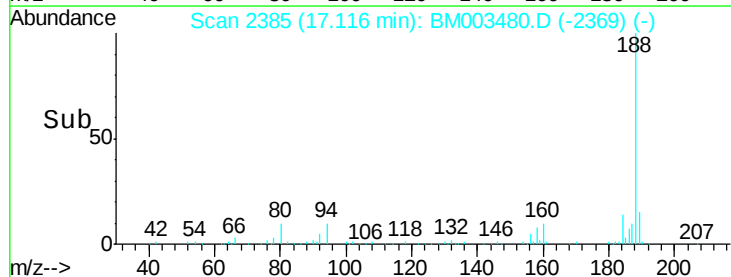
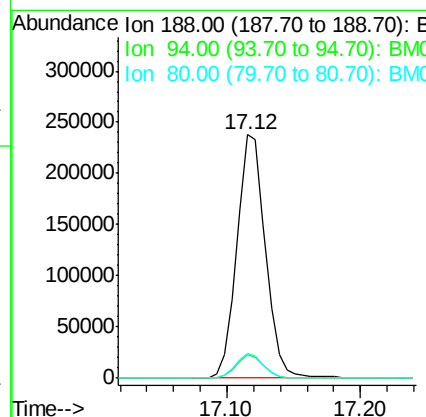
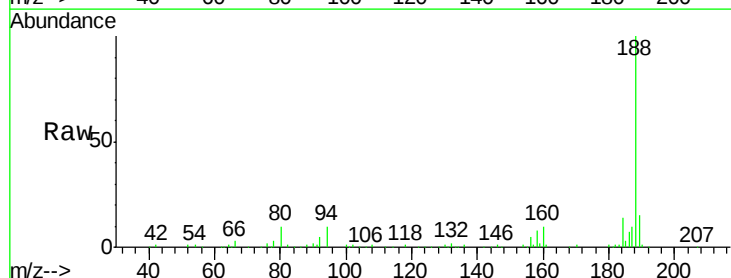
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20151203-MGP218-BRV108DL2

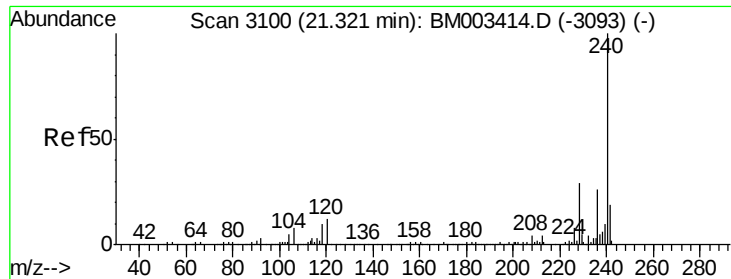
Tgt Ion:152 Resp: 39739
Ion Ratio Lower Upper
152 100
151 19.0 15.9 23.9
153 13.1 10.6 16.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM003480.D
Acq: 11 Dec 2015 07:45

Tgt Ion:188 Resp: 353730
Ion Ratio Lower Upper
188 100
94 9.5 8.7 13.1
80 10.0 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003480.D

Acq: 11 Dec 2015 07:45

Instrument :

BNA_M

ClientSampleId :

20151203-MGP218-BRV108DL2

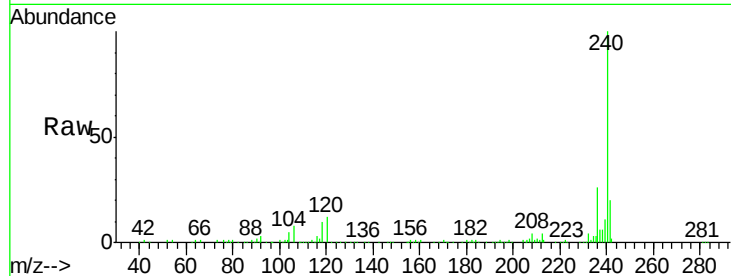
Tgt Ion:240 Resp: 341596

Ion Ratio Lower Upper

240 100

120 11.8 8.2 12.2

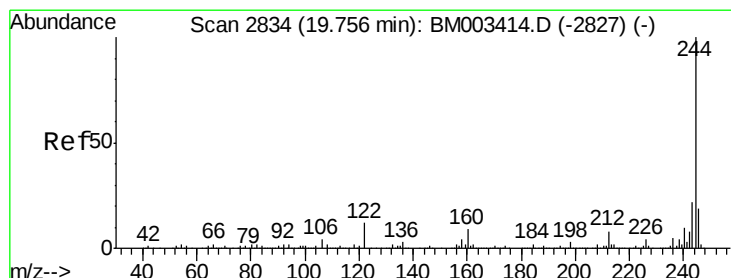
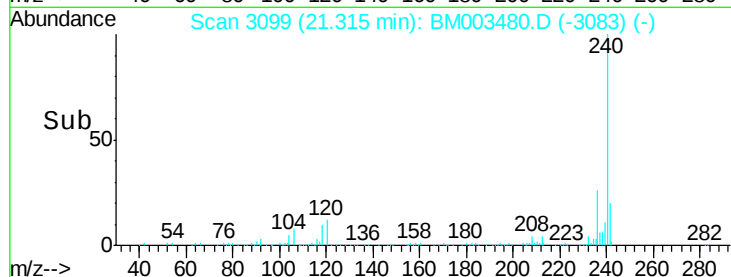
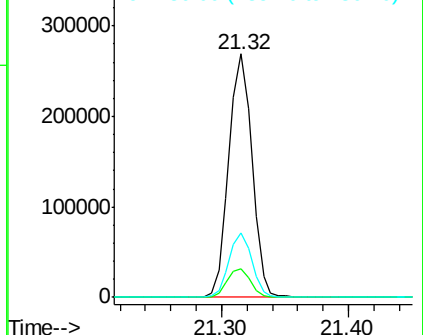
236 26.3 20.0 30.0



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: 0.65 ng

RT: 19.75 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM003480.D

Acq: 11 Dec 2015 07:45

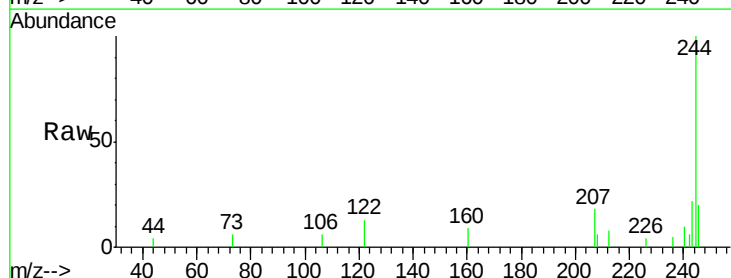
Tgt Ion:244 Resp: 9472

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

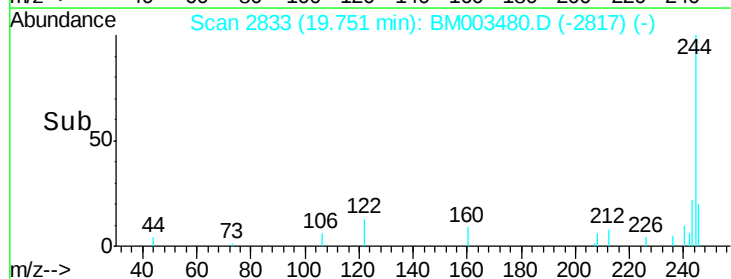
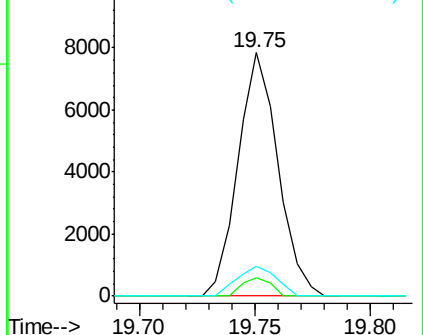
122 12.5 6.2 9.4#

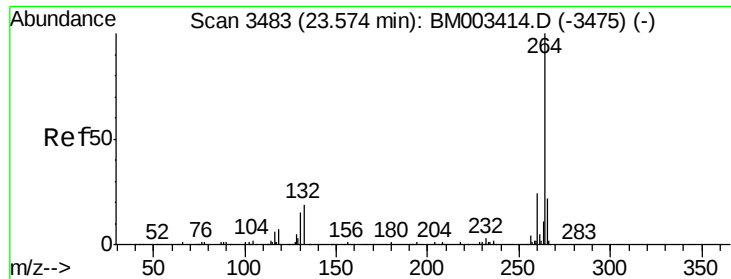


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

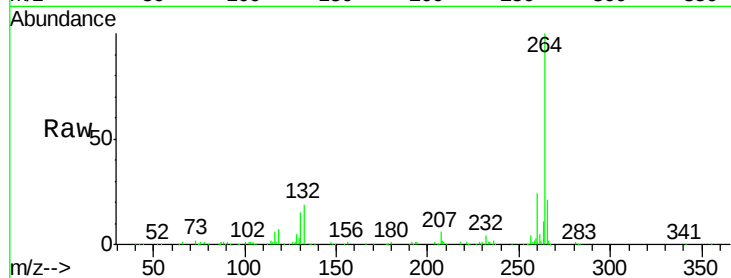




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM003480.D
Acq: 11 Dec 2015 07:45

Instrument :
BNA_M
ClientSampleId :
20151203-MGP218-BRV108DL2

Tgt Ion: 264 Resp: 335580
Ion Ratio Lower Upper
264 100
260 24.3 18.6 27.8
265 21.2 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

