

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003425.D
 Acq On : 09 Dec 2015 22:42
 Operator : UM/IZ
 Sample : G4696-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-03

Quant Time: Dec 10 00:27:47 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

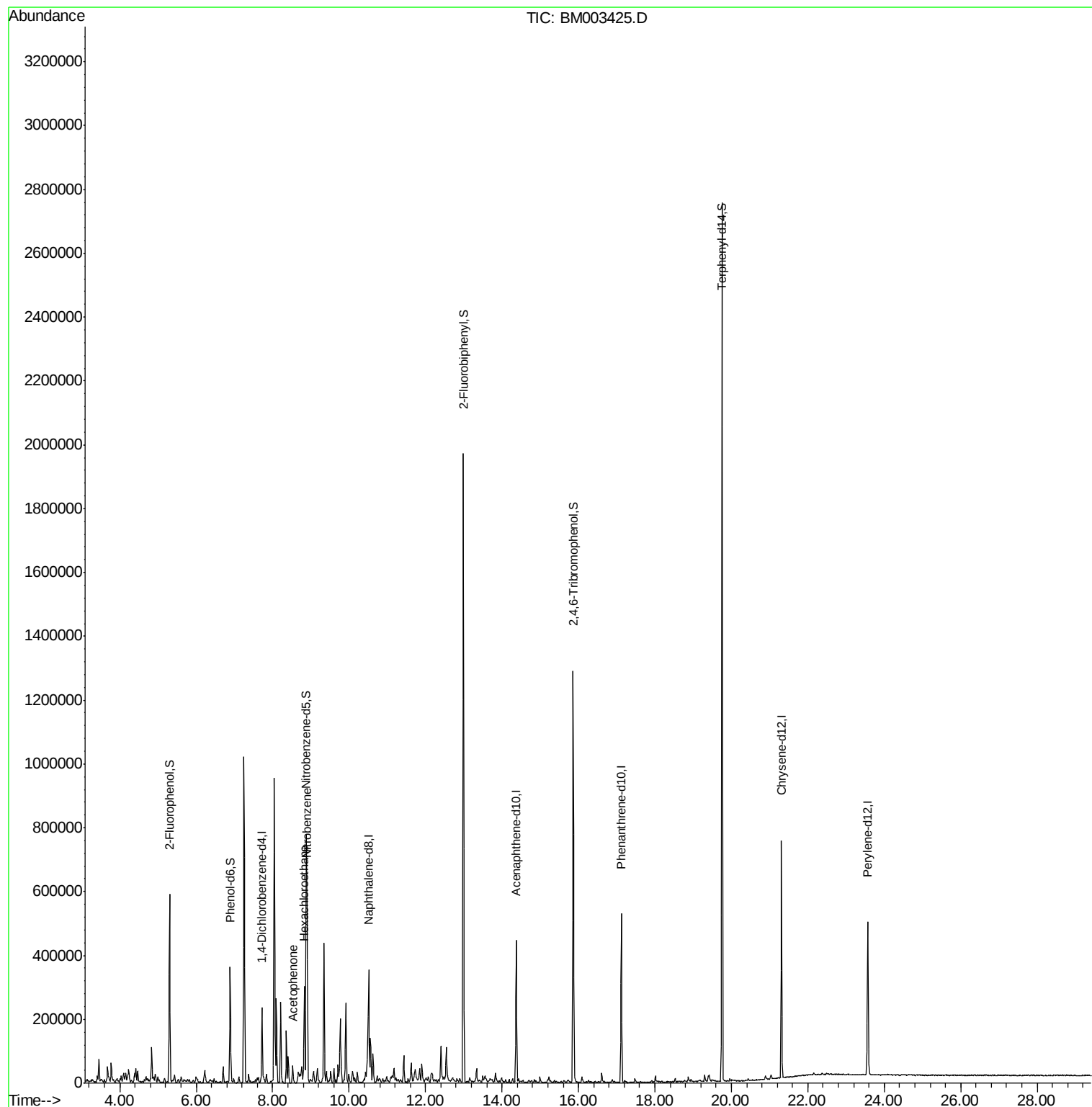
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	63945	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	264926	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	146478	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	311486	20.00	ng	0.00
75) Chrysene-d12	21.32	240	334809	20.00	ng	0.00
86) Perylene-d12	23.57	264	329143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	267288	74.32	ng	0.00
7) Phenol-d6	6.89	99	218244	43.70	ng	0.00
23) Nitrobenzene-d5	8.88	82	438504	102.63	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	225383	154.07	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1028492	95.66	ng	0.00
78) Terphenyl-d14	19.76	244	1209754	85.21	ng	0.00
Target Compounds						
18) Hexachloroethane	8.83	117	43029	24.28	ng	# 1
22) Acetophenone	8.52	105	39133	6.03	ng	# 56
24) Nitrobenzene	8.90	77	13860	3.00	ng	# 2

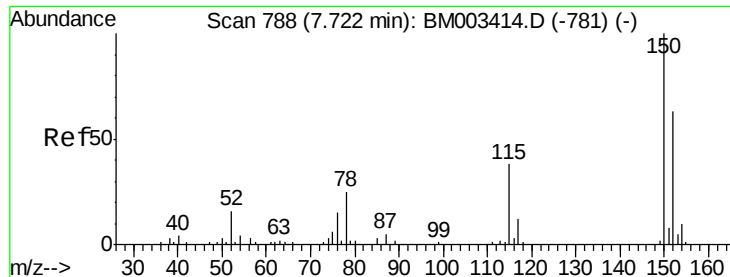
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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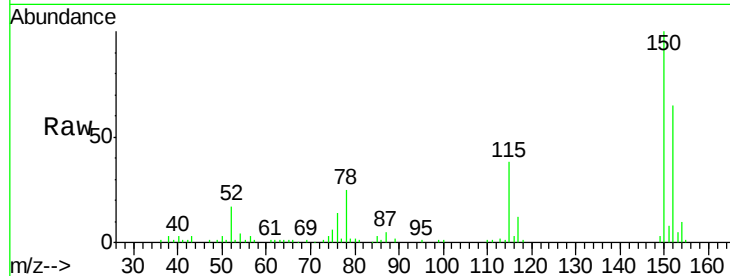


#1

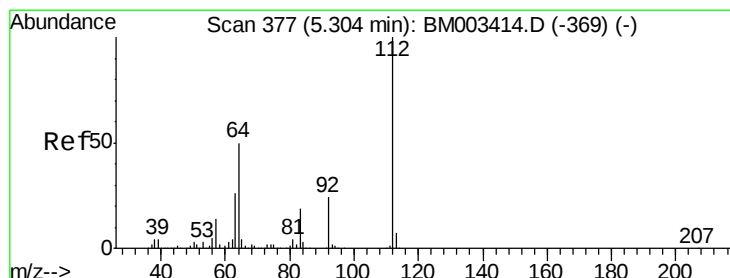
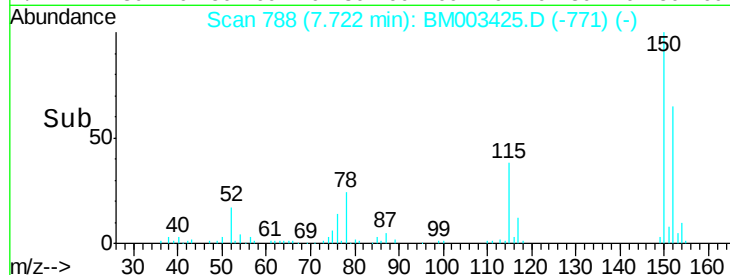
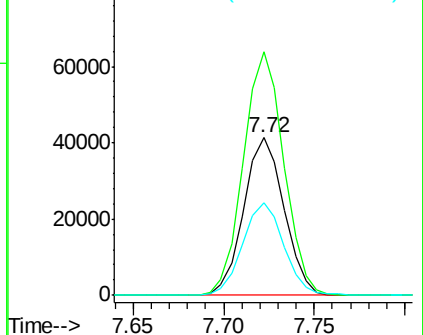
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003425.D
Acq: 09 Dec 2015 22:42

Instrument :
BNA_M
ClientSampleId :
GMW-03

Tgt Ion:152 Resp: 63945
Ion Ratio Lower Upper
152 100
150 154.3 119.5 179.3
115 58.7 43.0 64.4



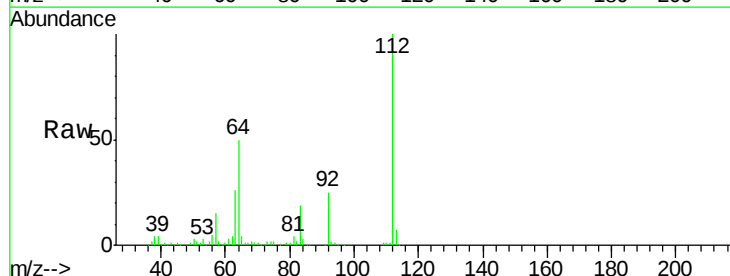
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



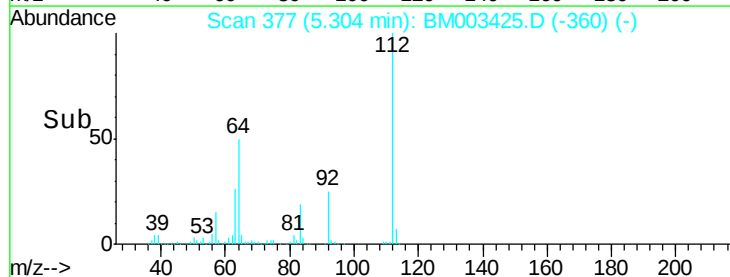
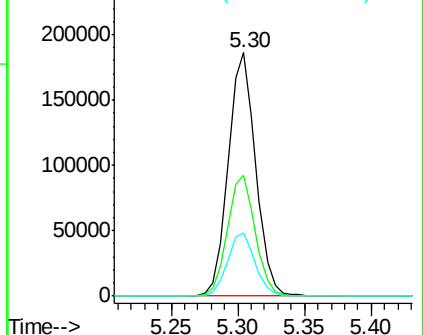
#5

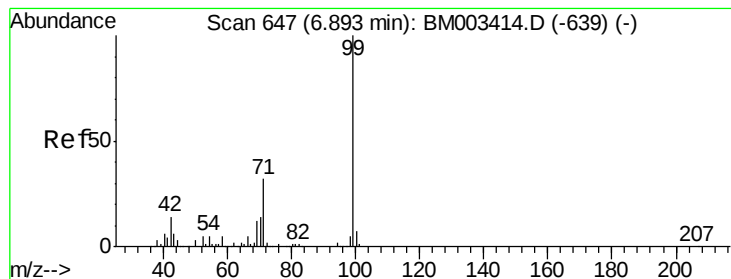
2-Fluorophenol
Concen: 74.32 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003425.D
Acq: 09 Dec 2015 22:42

Tgt Ion:112 Resp: 267288
Ion Ratio Lower Upper
112 100
64 49.8 38.6 57.8
63 25.7 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: 43.70 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM003425.D

Acq: 09 Dec 2015 22:42

Instrument :

BNA_M

ClientSampleId :

GMW-03

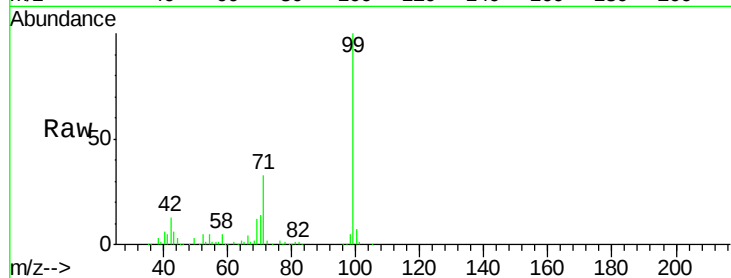
Tgt Ion: 99 Resp: 218244

Ion Ratio Lower Upper

99 100

42 13.4 11.0 16.4

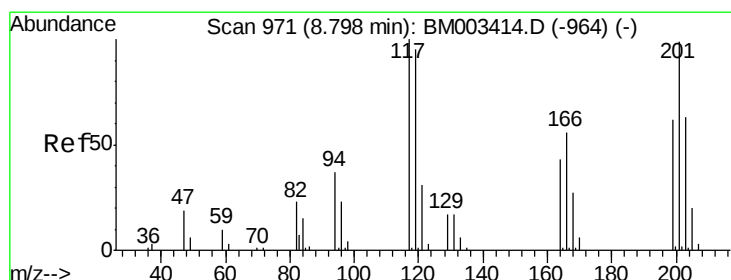
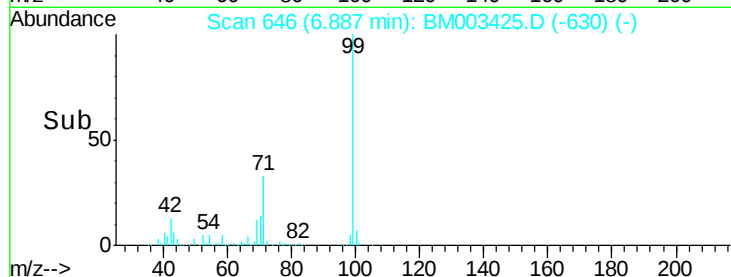
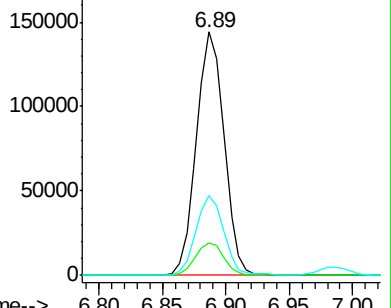
71 32.8 23.4 35.2



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) (-)



#18

Hexachloroethane

Concen: 24.28 ng

RT: 8.83 min Scan# 976

Delta R.T. 0.03 min

Lab File: BM003425.D

Acq: 09 Dec 2015 22:42

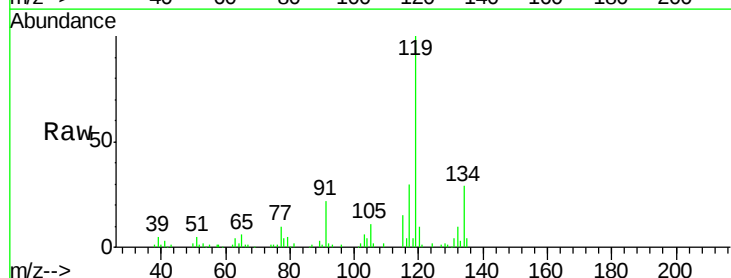
Tgt Ion: 117 Resp: 43029

Ion Ratio Lower Upper

117 100

119 330.2 79.2 118.8#

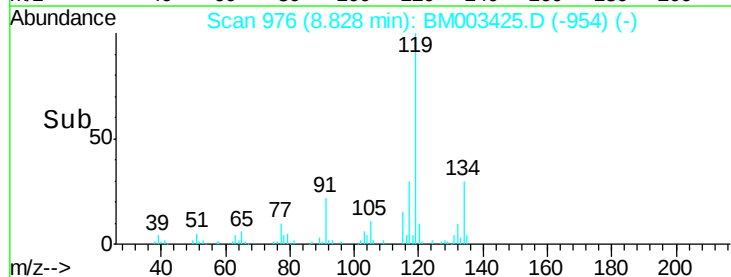
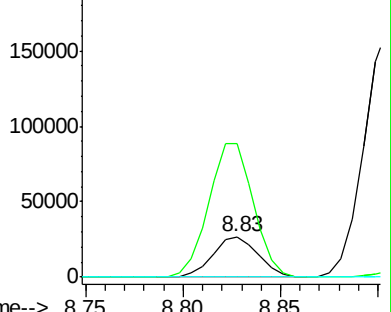
201 0.0 69.8 104.6#

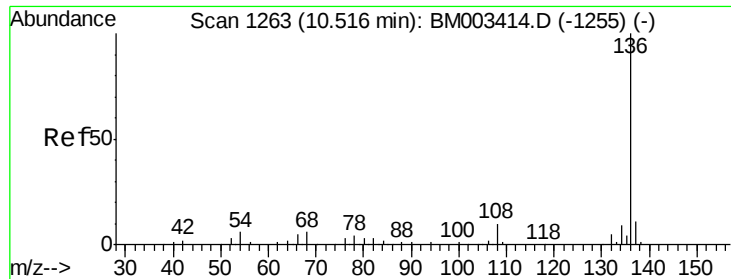


Abundance Ion 117.00 (116.70 to 117.70): BM003414.D (-964) (-)

Ion 119.00 (118.70 to 119.70): BM003414.D (-964) (-)

Ion 201.00 (200.70 to 201.70): BM003414.D (-964) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003425.D

Acq: 09 Dec 2015 22:42

Instrument :

BNA_M

ClientSampleId :

GMW-03

Tgt Ion:136 Resp: 264926

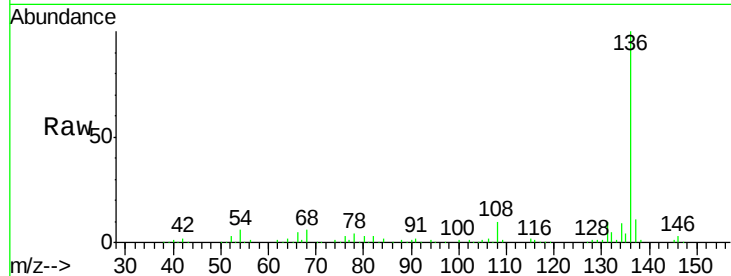
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.9 4.6 6.8

68 5.7 3.7 5.5#

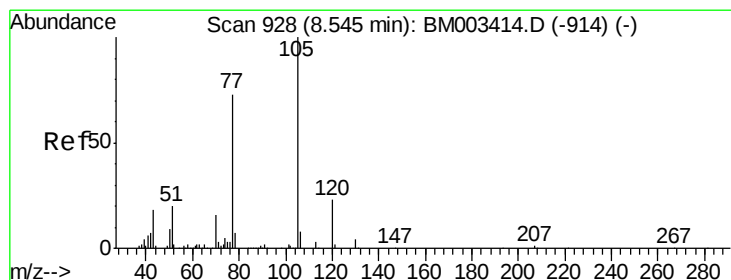
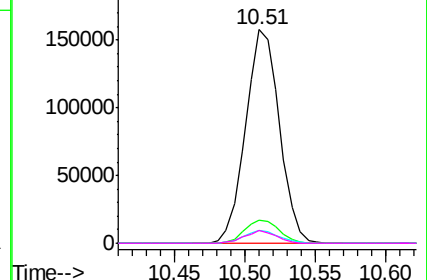
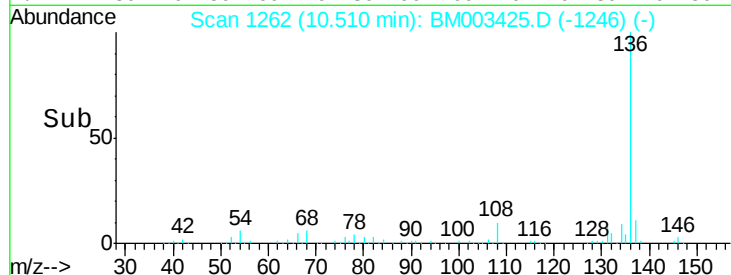


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 6.03 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.02 min

Lab File: BM003425.D

Acq: 09 Dec 2015 22:42

Tgt Ion:105 Resp: 39133

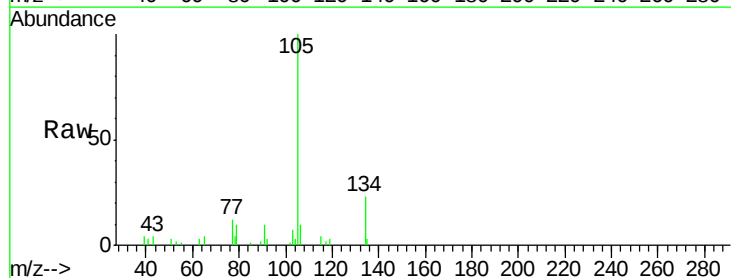
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 3.4 21.6 32.4#

120 0.0 16.1 24.1#

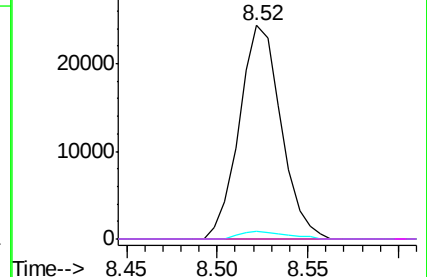
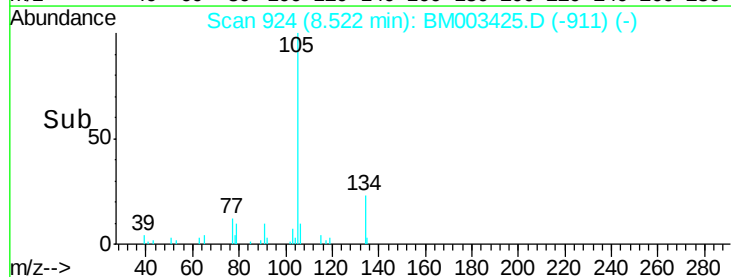


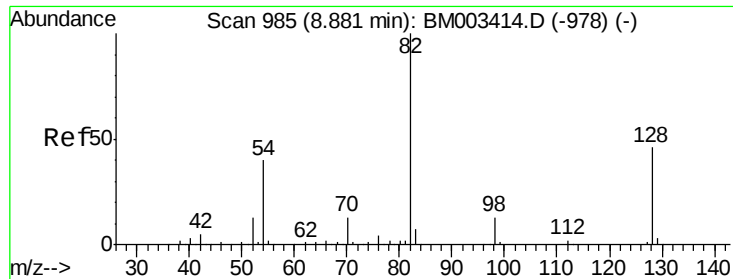
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

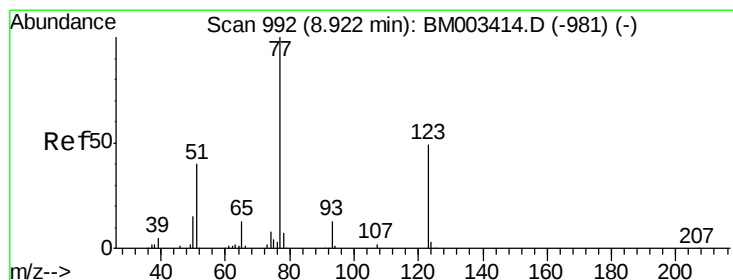
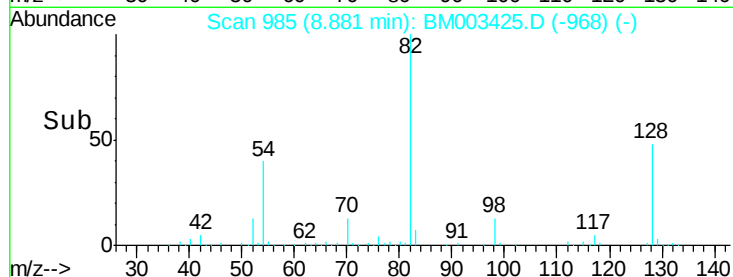
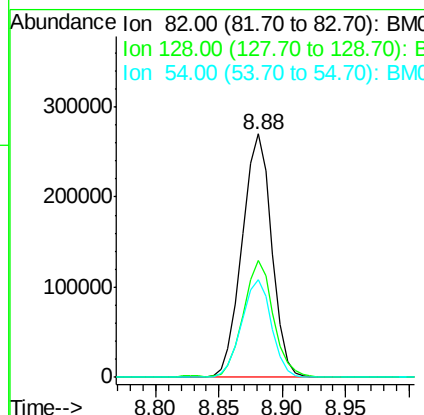
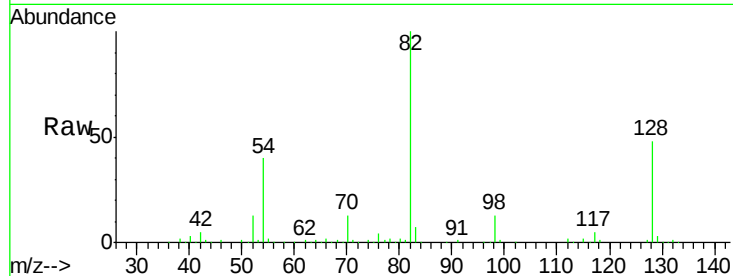




#23
 Nitrobenzene-d5
 Concen: 102.63 ng
 RT: 8.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM003425.D
 Acq: 09 Dec 2015 22:42

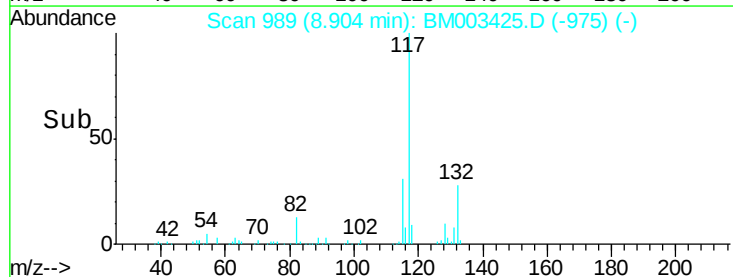
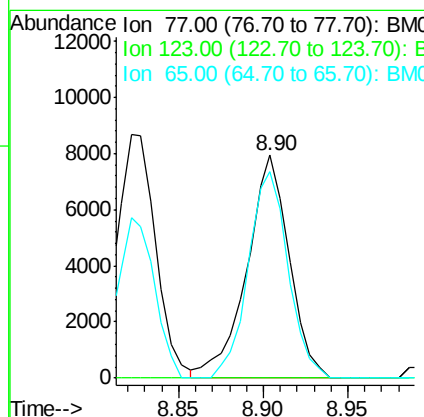
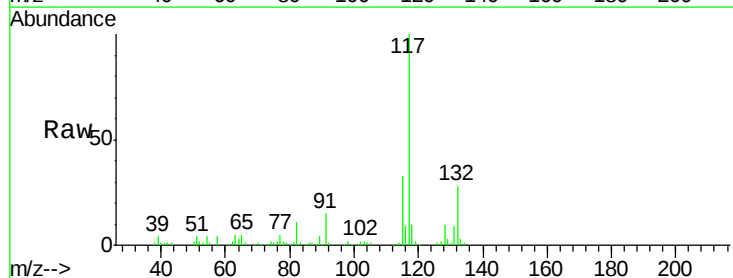
Instrument :
 BNA_M
 ClientSampled :
 GMW-03

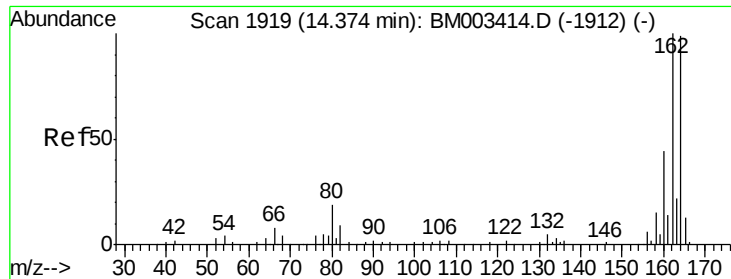
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	32.8	49.2
54	39.9	40.6	60.8#



#24
 Nitrobenzene
 Concen: 3.00 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BM003425.D
 Acq: 09 Dec 2015 22:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	92.8	10.9	16.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM003425.D

Acq: 09 Dec 2015 22:42

Instrument :

BNA_M

ClientSampleId :

GMW-03

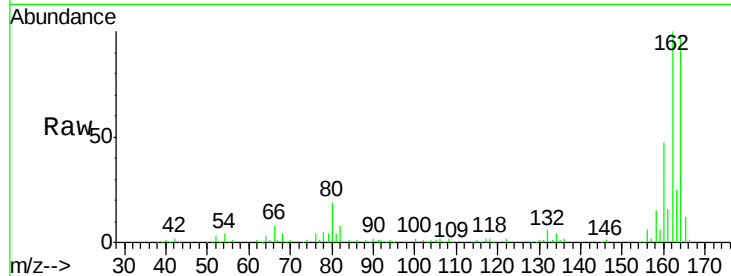
Tgt Ion:164 Resp: 146478

Ion Ratio Lower Upper

164 100

162 102.3 82.4 123.6

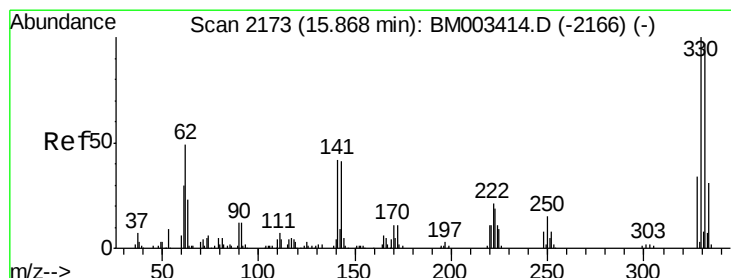
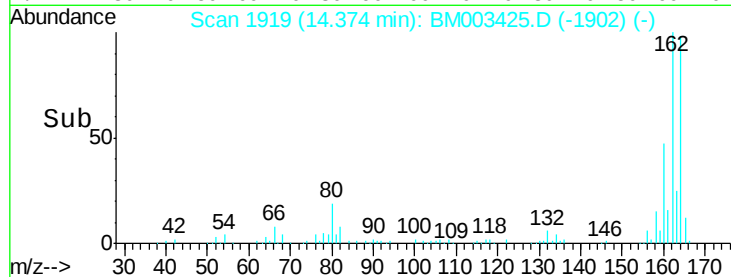
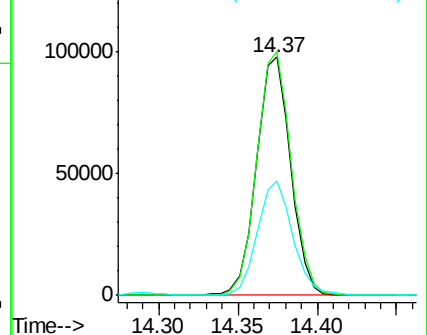
160 47.9 35.8 53.6



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: 154.07 ng

RT: 15.87 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BM003425.D

Acq: 09 Dec 2015 22:42

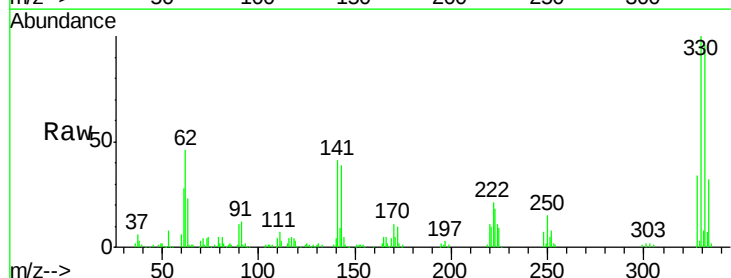
Tgt Ion:330 Resp: 225383

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

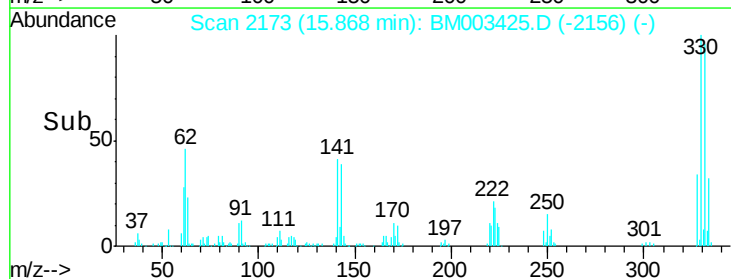
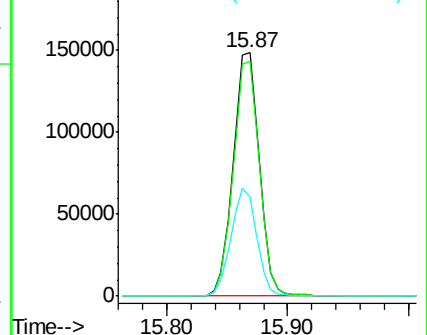
141 43.4 0.0 0.0#

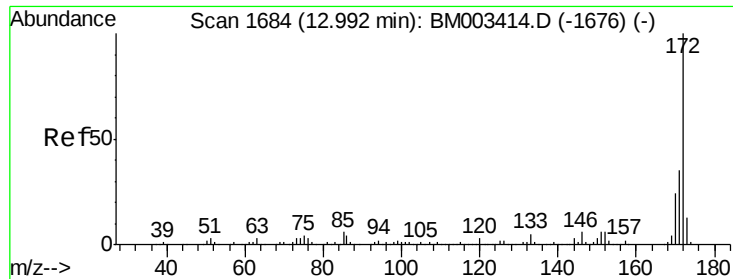


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

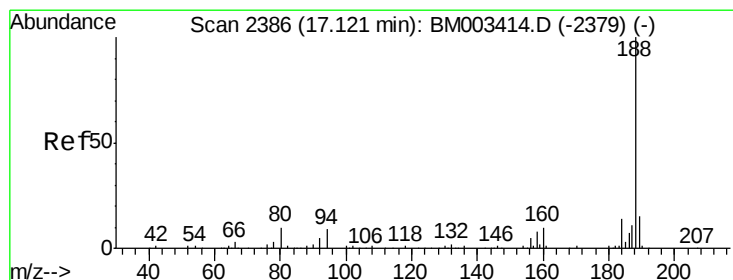
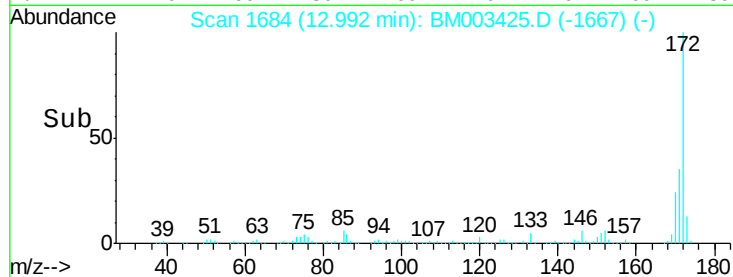
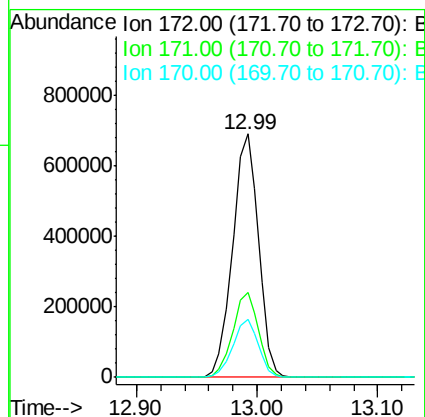
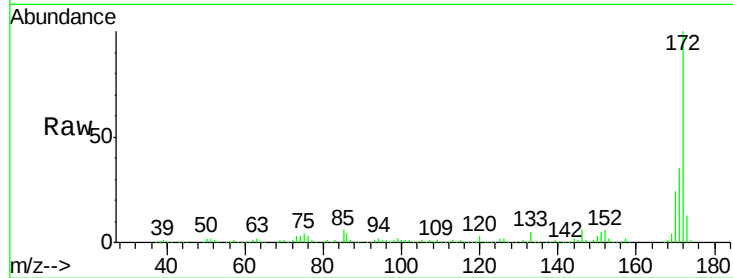




#44
 2-Fluorobiphenyl
 Concen: 95.66 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003425.D
 Acq: 09 Dec 2015 22:42

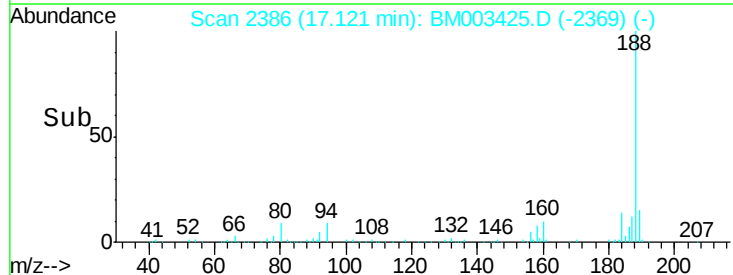
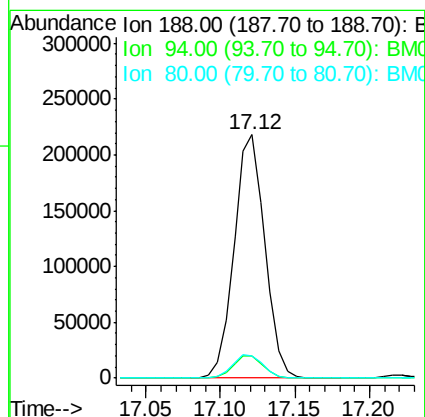
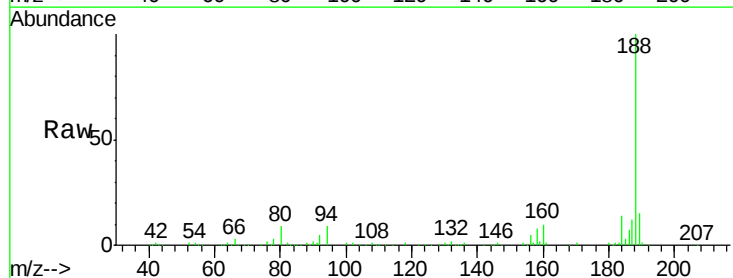
Instrument :
 BNA_M
 ClientSampleId :
 GMW-03

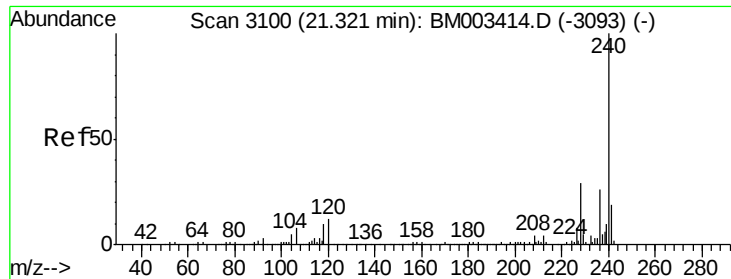
Tgt Ion:172 Resp: 1028492
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.6 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.12 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BM003425.D
 Acq: 09 Dec 2015 22:42

Tgt Ion:188 Resp: 311486
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.7 13.1
 80 9.4 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: BM003425.D

Acq: 09 Dec 2015 22:42

Instrument :

BNA_M

ClientSampleId :

GMW-03

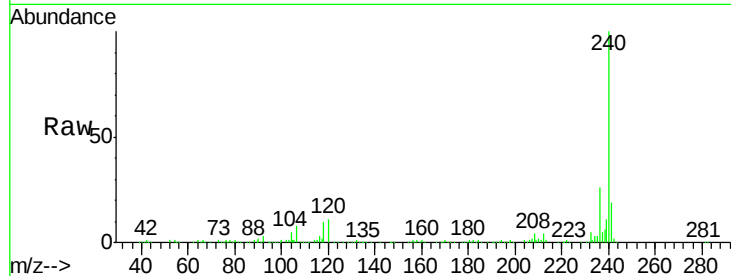
Tgt Ion:240 Resp: 334809

Ion Ratio Lower Upper

240 100

120 11.2 8.2 12.2

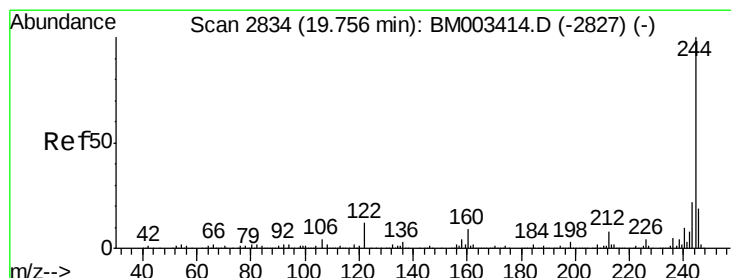
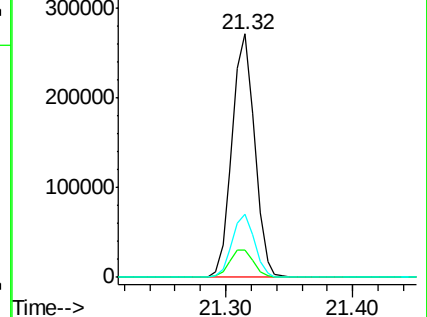
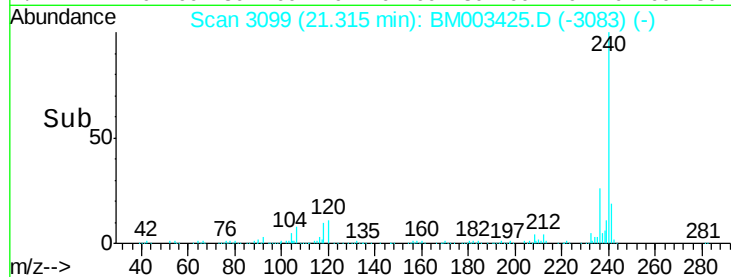
236 26.0 20.0 30.0



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: 85.21 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003425.D

Acq: 09 Dec 2015 22:42

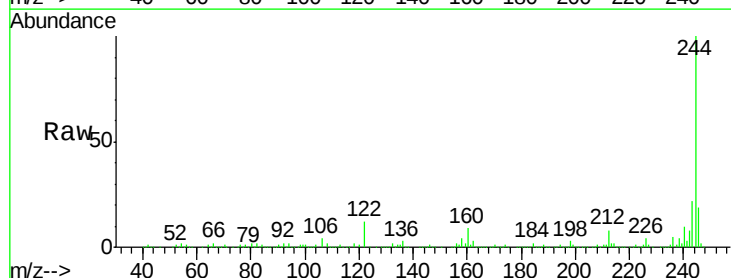
Tgt Ion:244 Resp: 1209754

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

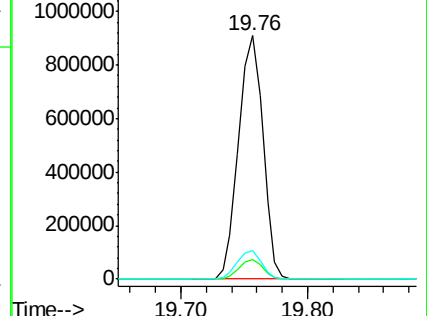
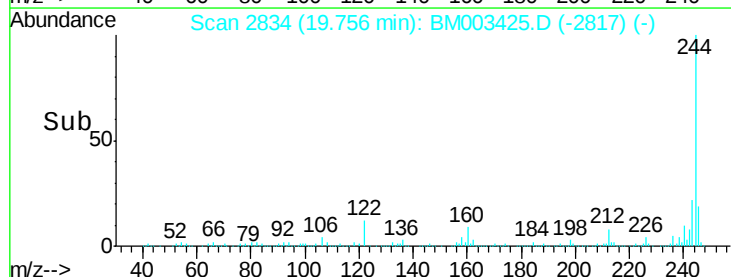
122 11.7 6.2 9.4#

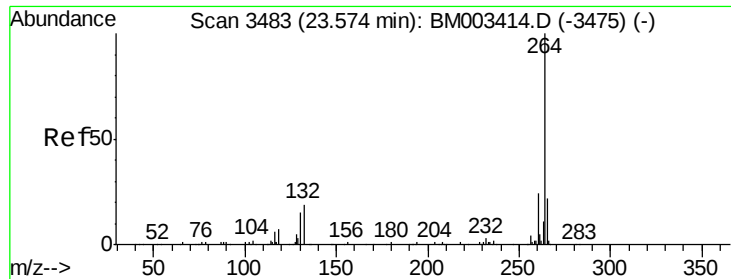


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

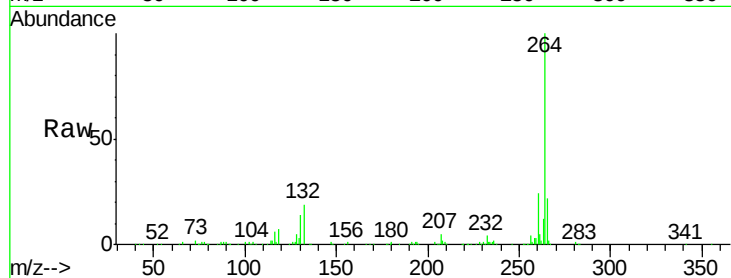




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM003425.D
Acq: 09 Dec 2015 22:42

Instrument :
BNA_M
ClientSampleId :
GMW-03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.8	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

