

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009511.D
 Acq On : 03 Apr 2017 21:41
 Operator : SJ/MA
 Sample : I2508-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-B58-B59-001

Quant Time: Apr 04 01:22:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

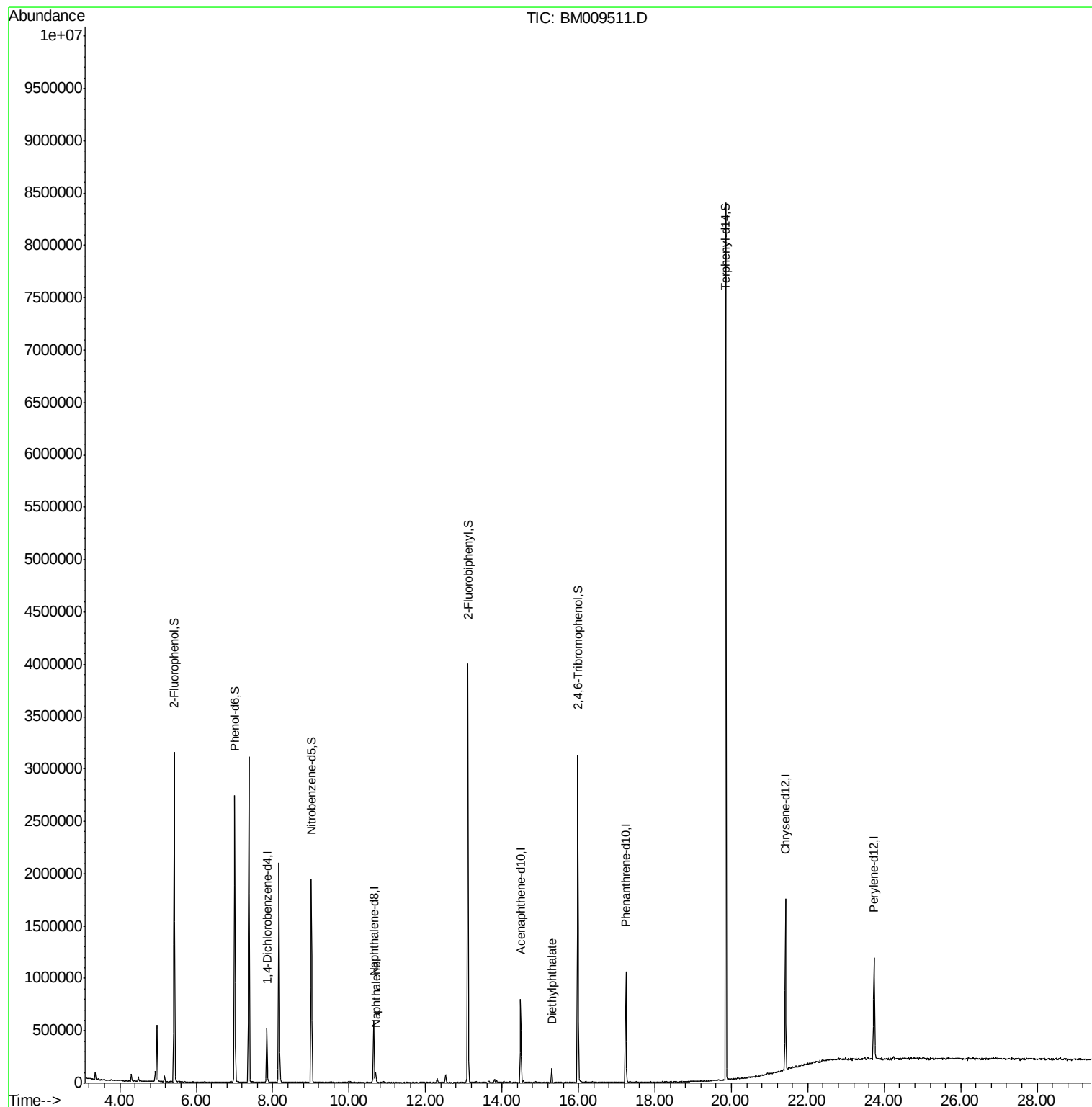
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	113890	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	421238	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	240924	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	576061	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	778756	20.00	ng	-0.01
86) Perylene-d12	23.74	264	730152	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1028041	150.46	ng	-0.01
7) Phenol-d6	7.01	99	1335653	143.35	ng	-0.01
23) Nitrobenzene-d5	9.01	82	1078299	95.98	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	471549	157.55	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1796611	89.86	ng	-0.02
78) Terphenyl-d14	19.86	244	3189138	85.57	ng	-0.01
Target Compounds						
31) Naphthalene	10.70	128	69478	3.11	ng	# 94
59) Diethylphthalate	15.30	149	64205	3.42	ng	# 92

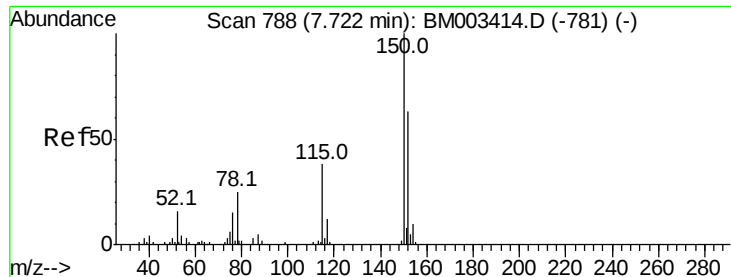
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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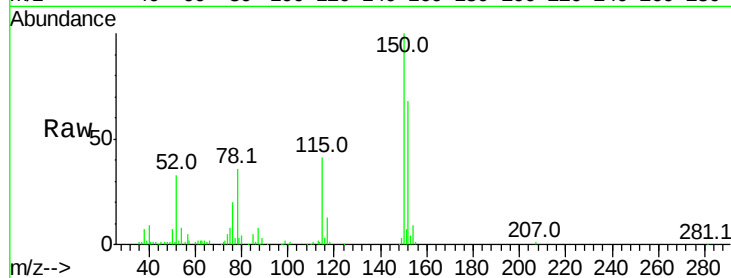


#1

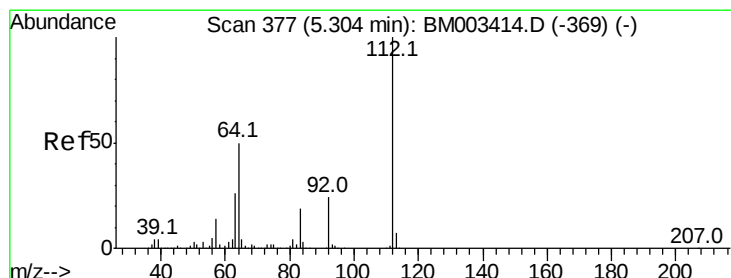
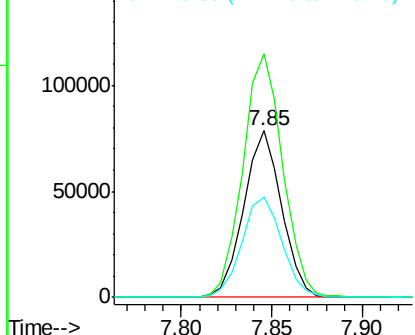
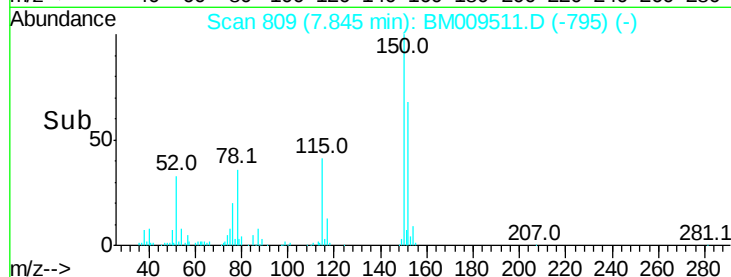
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Instrument :
BNA_M
ClientSampleId :
WC-B58-B59-001

Tot Ion:152 Resp: 113890
Ion Ratio Lower Upper
152 100
150 146.5 119.5 179.3
115 60.0 43.0 64.4



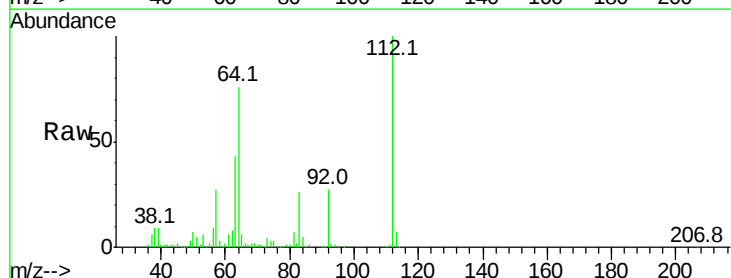
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



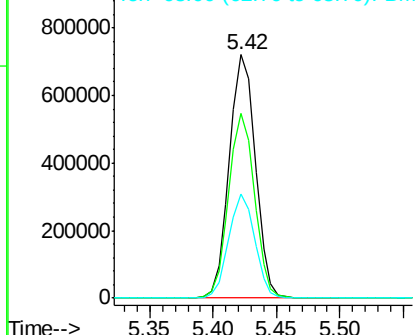
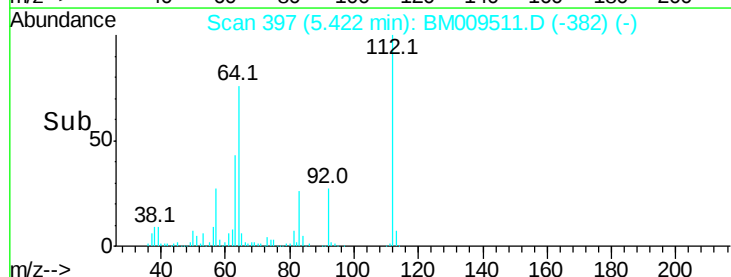
#5

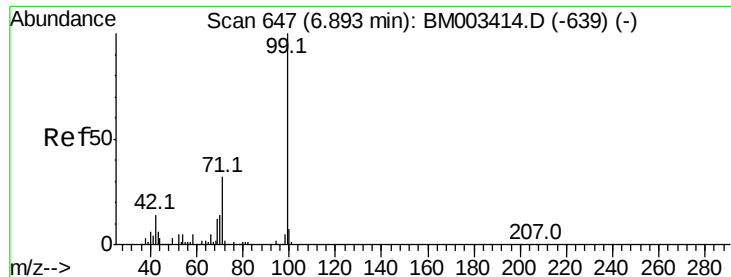
2-Fluorophenol
Concen: 150.46 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Tgt Ion:112 Resp: 1028041
Ion Ratio Lower Upper
112 100
64 75.9 38.6 57.8#
63 43.0 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: 143.35 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009511.D

Acq: 03 Apr 2017 21:41

Instrument :

BNA_M

ClientSampleId :

WC-B58-B59-001

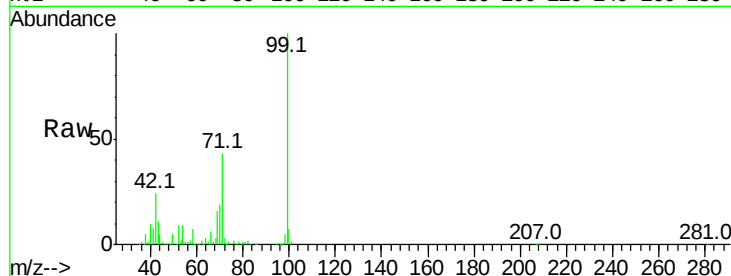
Tot Ion: 99 Resp: 1335653

Ion Ratio Lower Upper

99 100

42 24.1 11.0 16.4#

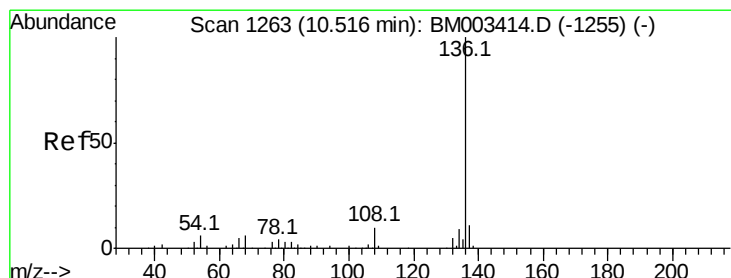
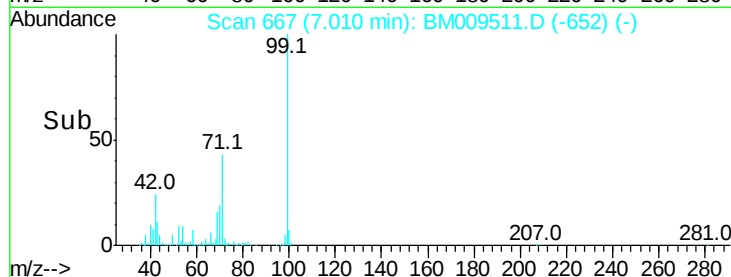
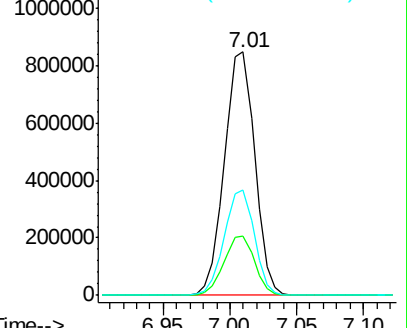
71 43.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009511.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM009511.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM009511.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009511.D

Acq: 03 Apr 2017 21:41

Tgt Ion: 136 Resp: 421238

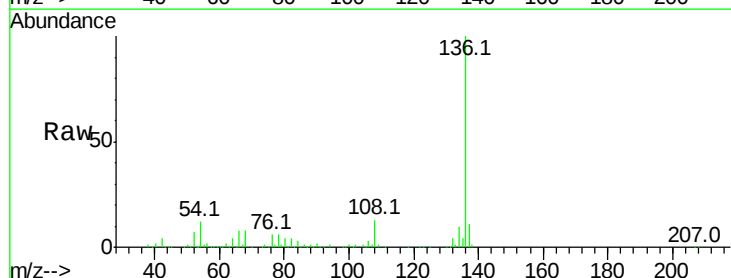
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.7 4.6 6.8#

68 7.8 3.7 5.5#

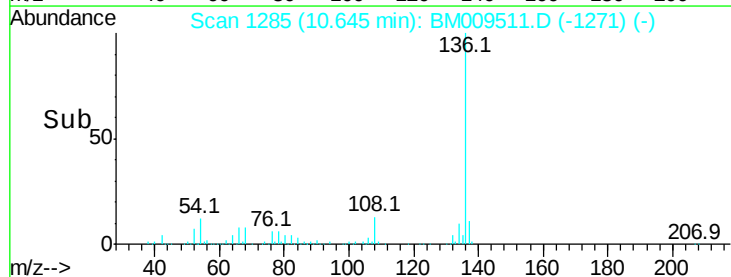
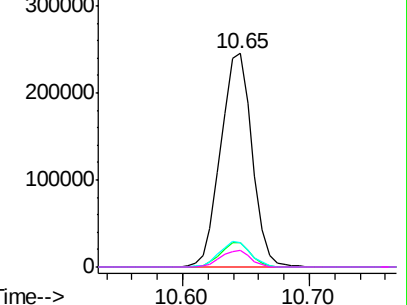


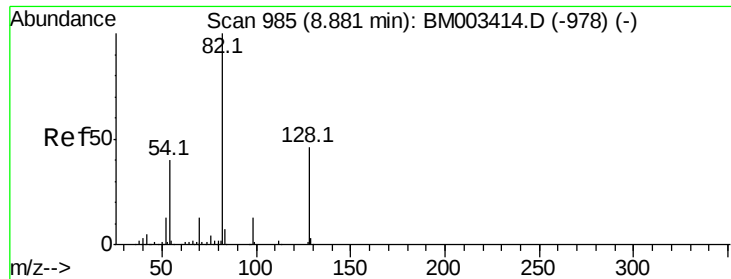
Abundance Ion 136.00 (135.70 to 136.70): BM009511.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009511.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009511.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009511.D (-1271) (-)

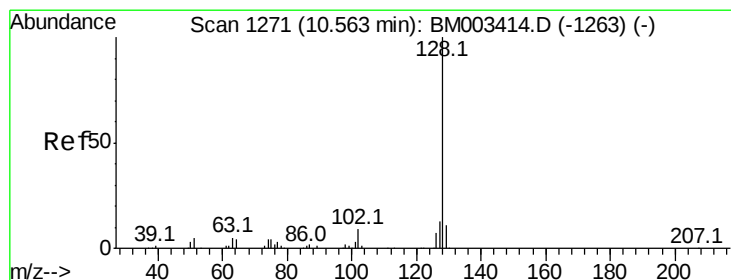
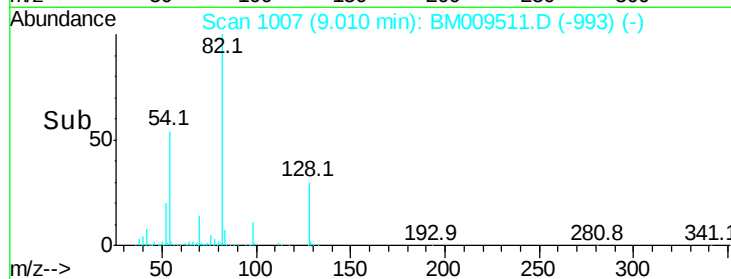
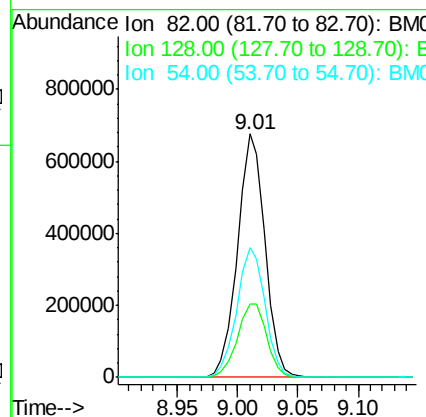
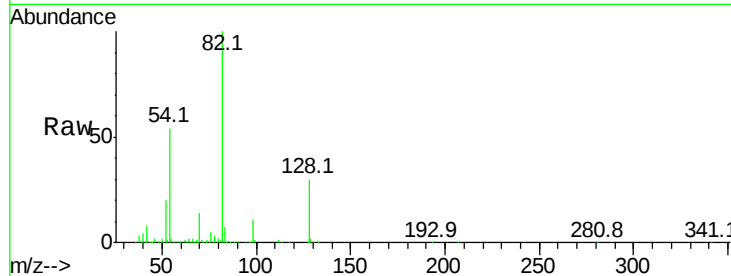




#23
 Nitrobenzene-d5
 Concen: 95.98 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009511.D
 Acq: 03 Apr 2017 21:41

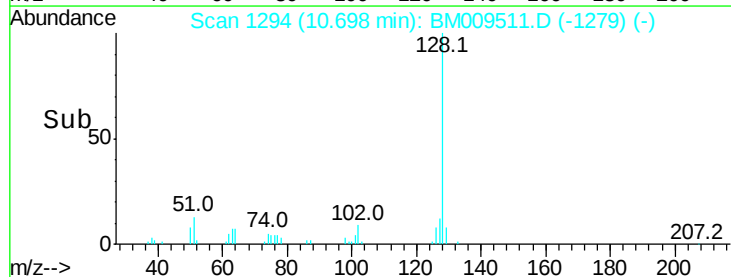
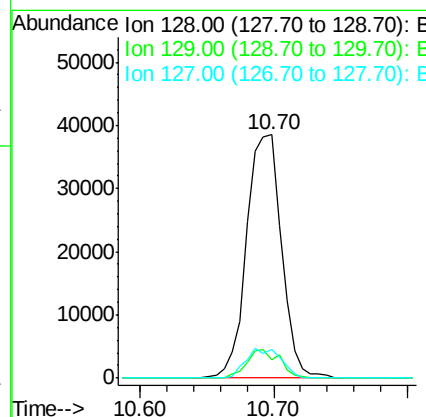
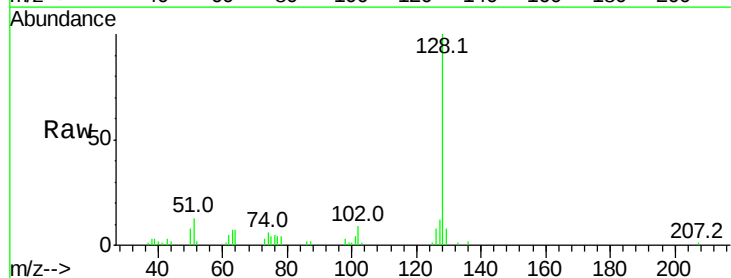
Instrument :
 BNA_M
 ClientSampleId :
 WC-B58-B59-001

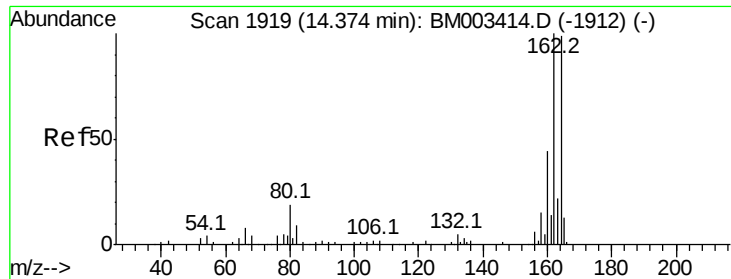
Tot Ion: 82 Resp: 1078299
 Ion Ratio Lower Upper
 82 100
 128 30.1 32.8 49.2#
 54 53.5 40.6 60.8



#31
 Naphthalene
 Concen: 3.11 ng
 RT: 10.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BM009511.D
 Acq: 03 Apr 2017 21:41

Tgt Ion: 128 Resp: 69478
 Ion Ratio Lower Upper
 128 100
 129 7.8 8.9 13.3#
 127 11.6 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BM009511.D

Acq: 03 Apr 2017 21:41

Instrument :

BNA_M

ClientSampleId :

WC-B58-B59-001

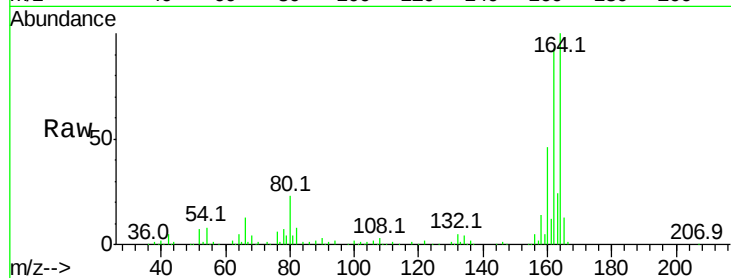
Tot Ion:164 Resp: 240924

Ion Ratio Lower Upper

164 100

162 92.9 82.4 123.6

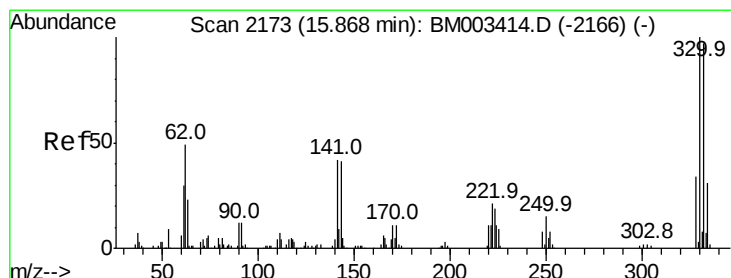
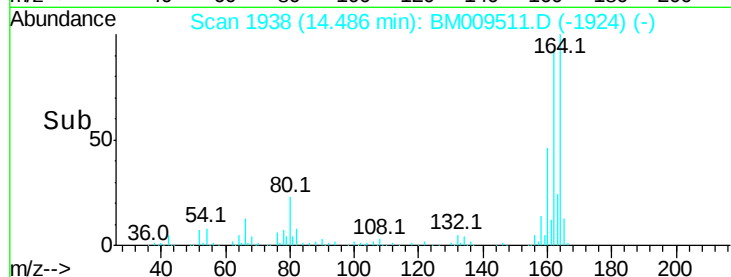
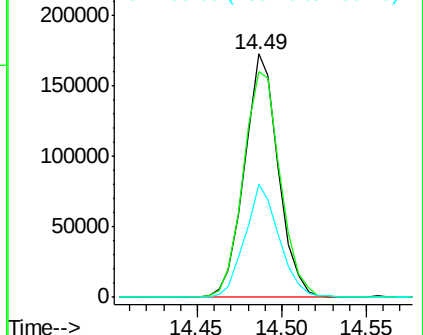
160 46.4 35.8 53.6



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: 157.55 ng

RT: 15.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BM009511.D

Acq: 03 Apr 2017 21:41

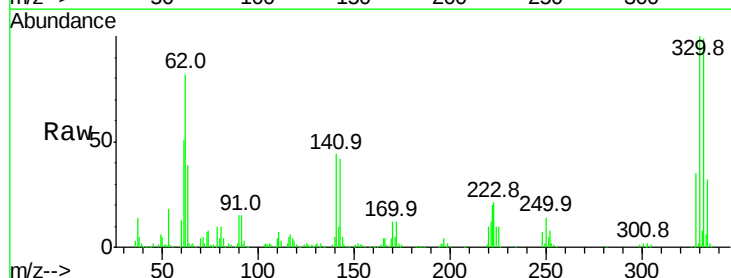
Tgt Ion:330 Resp: 471549

Ion Ratio Lower Upper

330 100

332 97.9 0.0 0.0#

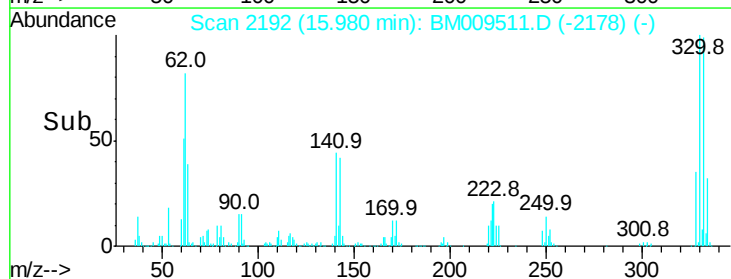
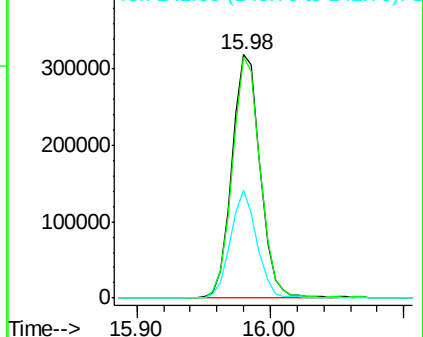
141 41.5 0.0 0.0#

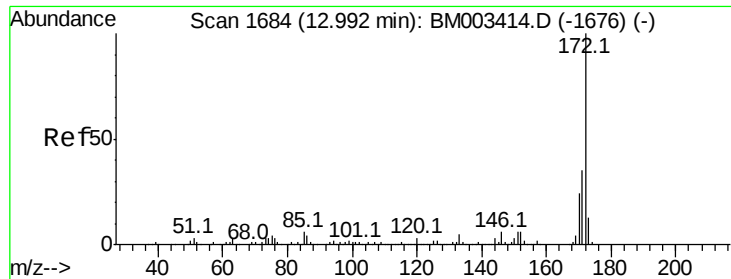


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



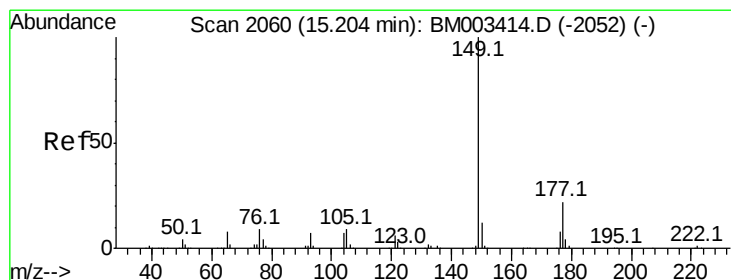
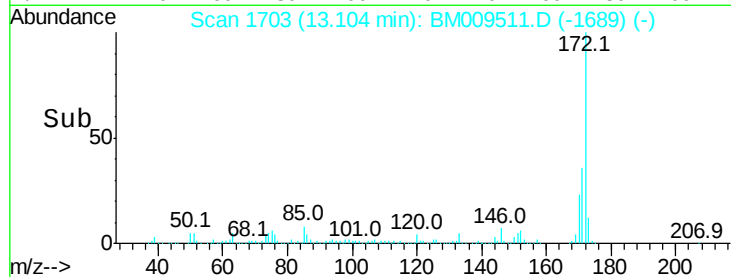
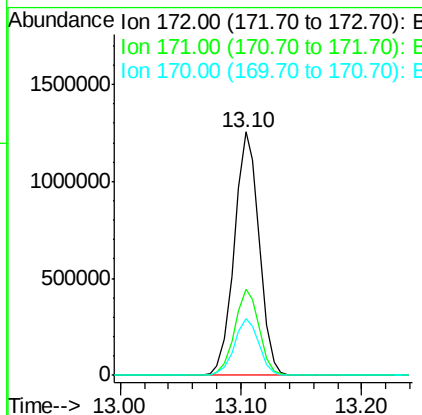
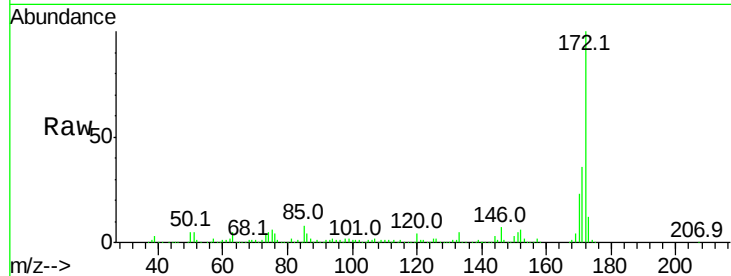


#44
 2-Fluorobiphenyl
 Concen: 89.86 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009511.D
 Acq: 03 Apr 2017 21:41

Instrument :
 BNA_M
 ClientSampleId :
 WC-B58-B59-001

Tot Ion:172 Resp: 1796611

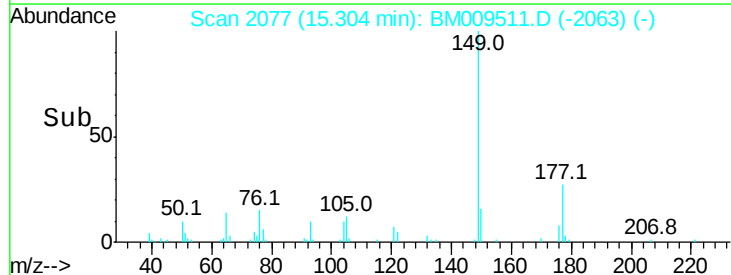
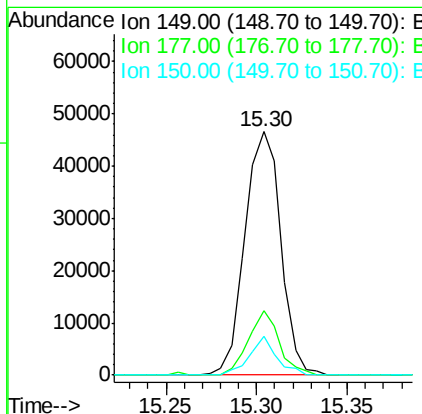
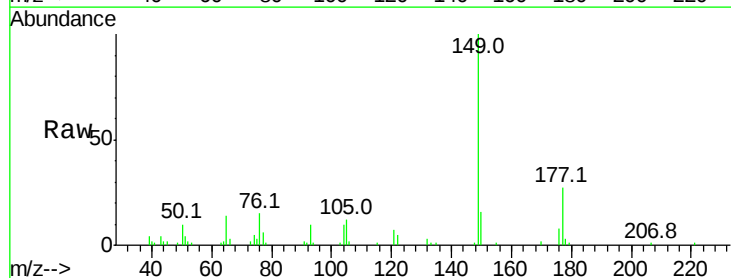
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.1	18.8	28.2

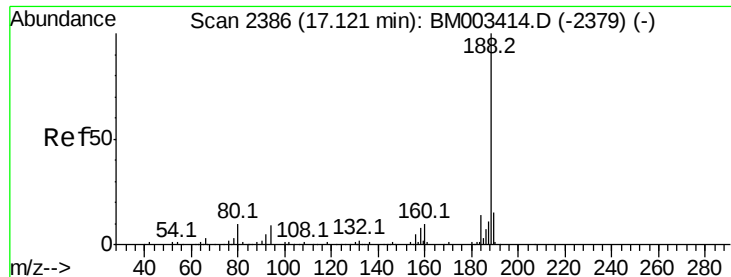


#59
 Diethylphthalate
 Concen: 3.42 ng
 RT: 15.30 min Scan# 2077
 Delta R.T. -0.02 min
 Lab File: BM009511.D
 Acq: 03 Apr 2017 21:41

Tgt Ion:149 Resp: 64205

Ion	Ratio	Lower	Upper
149	100		
177	26.6	18.3	27.5
150	16.1	9.8	14.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009511.D

Acq: 03 Apr 2017 21:41

Instrument :

BNA_M

ClientSampleId :

WC-B58-B59-001

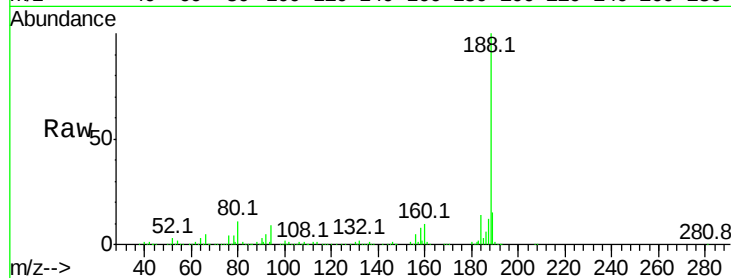
Tot Ion:188 Resp: 576061

Ion Ratio Lower Upper

188 100

94 9.5 8.7 13.1

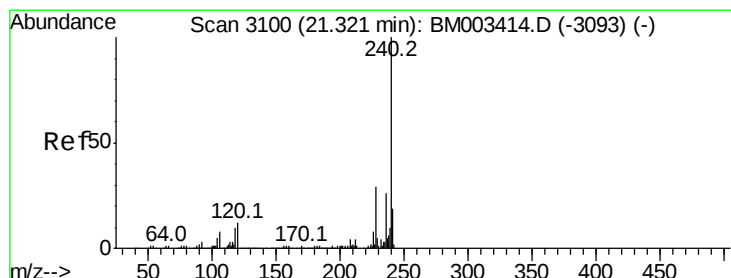
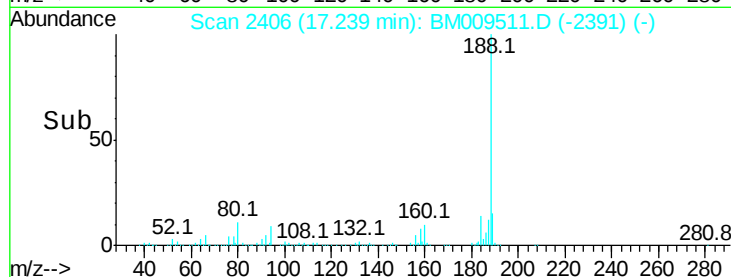
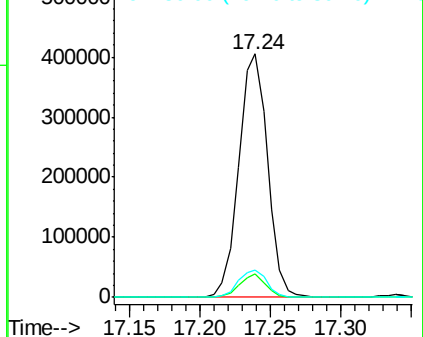
80 11.4 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009511.D

Acq: 03 Apr 2017 21:41

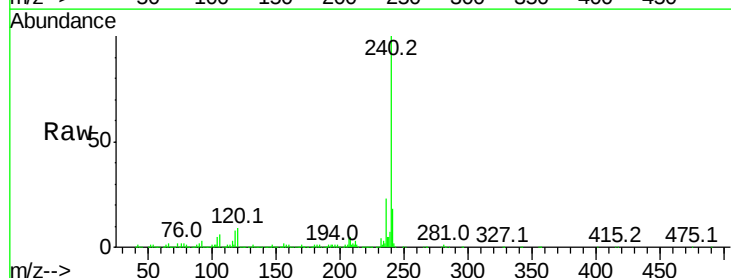
Tgt Ion:240 Resp: 778756

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

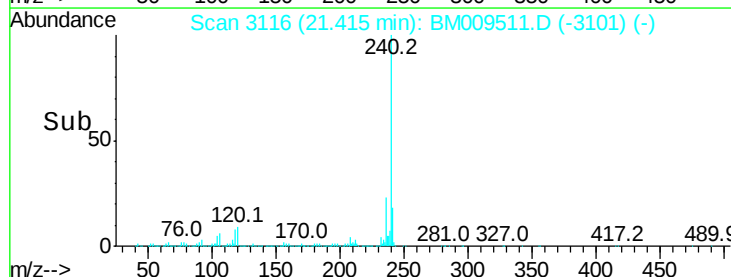
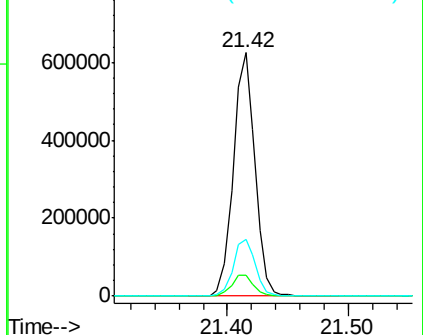
236 23.4 20.0 30.0

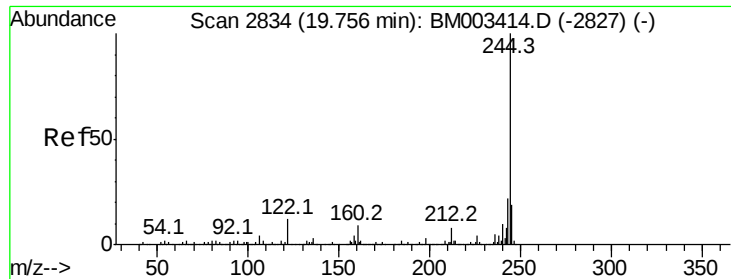


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.57 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009511.D

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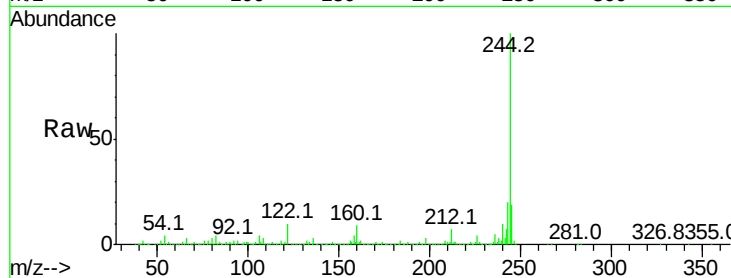
Tot Ion:244 Resp: 3189138

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

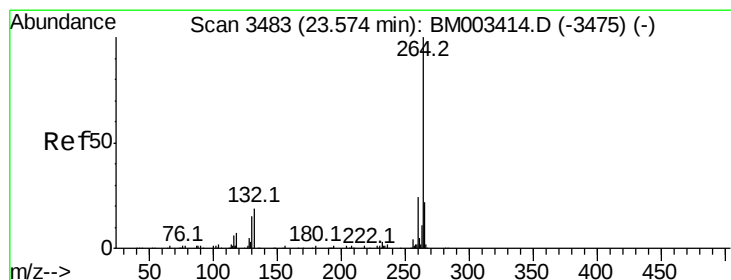
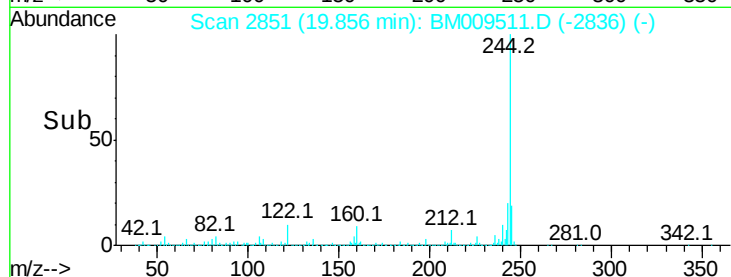
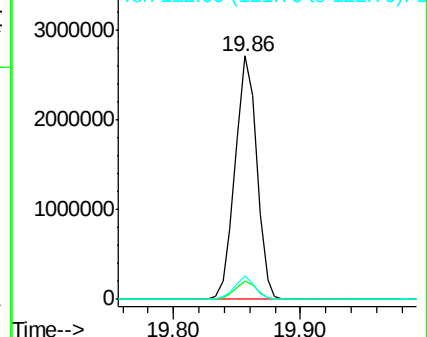
122 9.5 6.2 9.4#



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: 23.74 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM009511.D

Acq: 03 Apr 2017 21:41

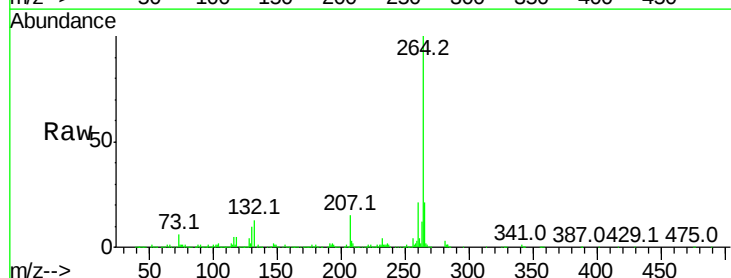
Tgt Ion:264 Resp: 730152

Ion Ratio Lower Upper

264 100

260 21.0 18.6 27.8

265 20.9 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

