

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010188.D
 Acq On : 24 May 2017 19:38
 Operator : SJ/MA
 Sample : I3305-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DSK-SB1(5-10)

Quant Time: May 25 07:01:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

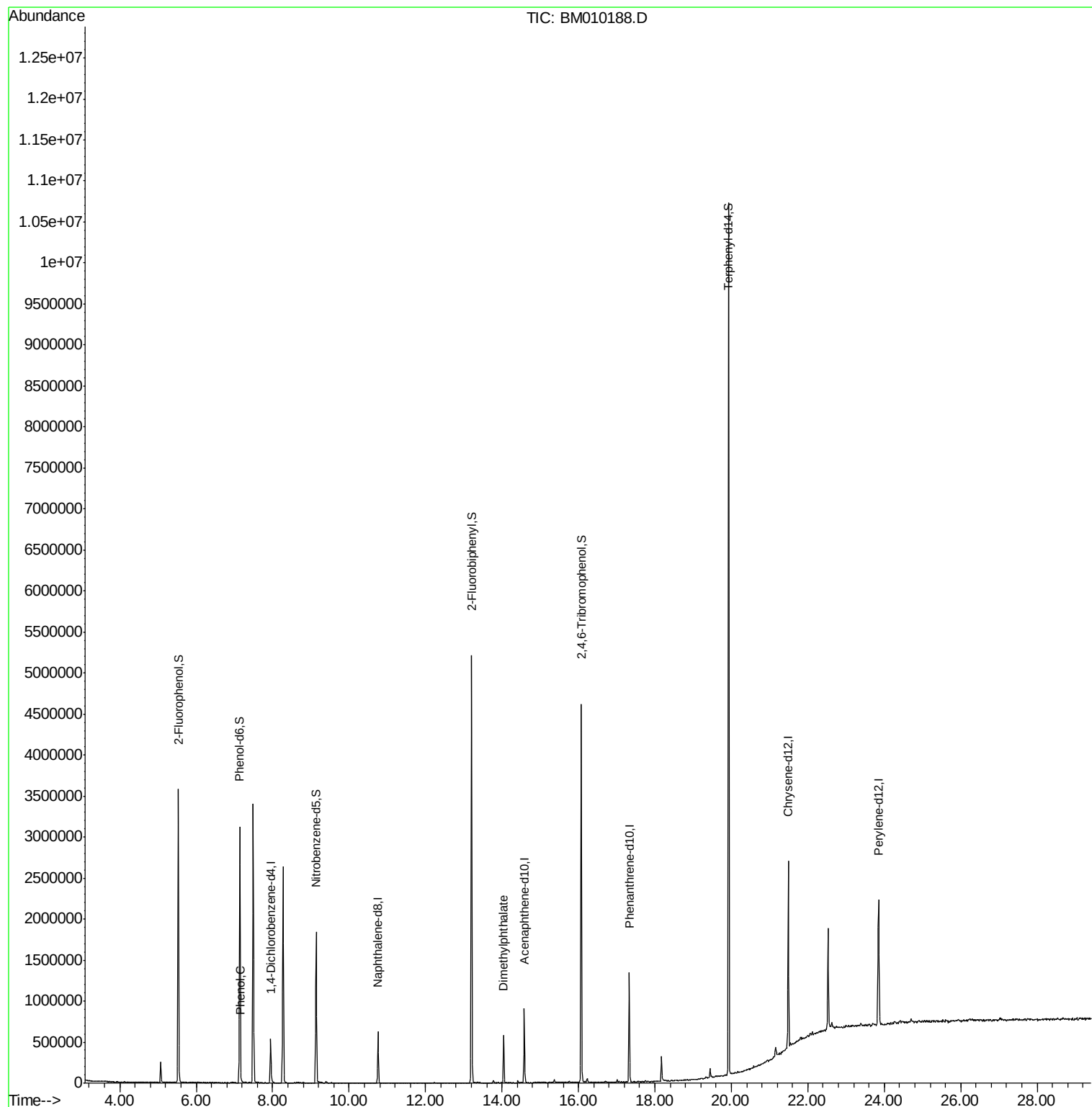
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	133538	20.00	ng	-0.03
21) Naphthalene-d8	10.76	136	459079	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	293129	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	731122	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1085960	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1225949	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1229488	166.26	ng	-0.02
7) Phenol-d6	7.14	99	1525624	160.33	ng	-0.03
23) Nitrobenzene-d5	9.14	82	1011787	118.91	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	763196	171.43	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2519878	110.51	ng	-0.03
78) Terphenyl-d14	19.93	244	4344132	90.96	ng	-0.02
Target Compounds						
10) Phenol	7.17	94	20718	2.07	ng	# 82
49) Dimethylphthalate	14.04	163	345625	13.22	ng	# 97

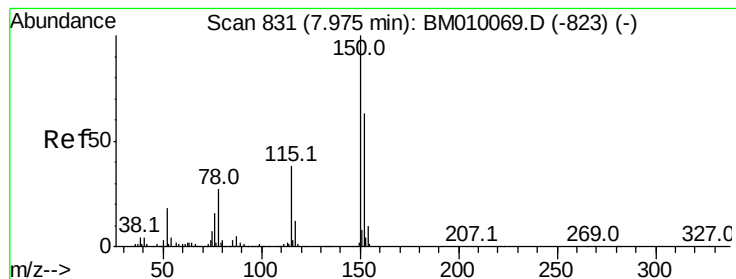
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.03 min

Lab File: BM010188.D

Acq: 24 May 2017 19:38

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)

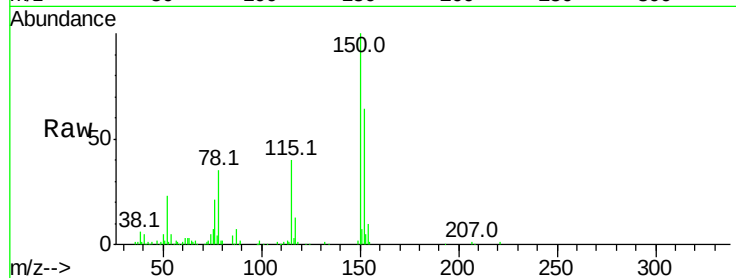
Tot Ion:152 Resp: 133538

Ion Ratio Lower Upper

152 100

150 156.1 119.5 179.3

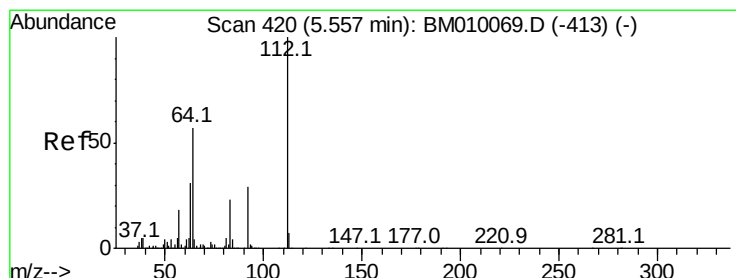
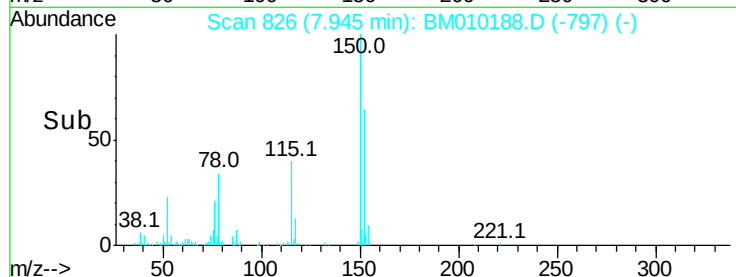
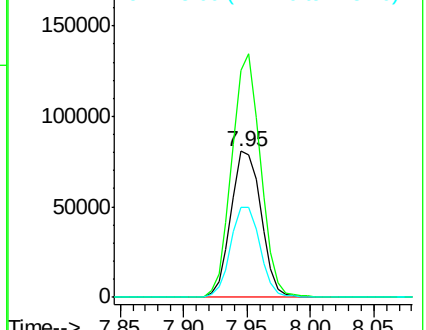
115 62.2 43.0 64.4



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: 166.26 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010188.D

Acq: 24 May 2017 19:38

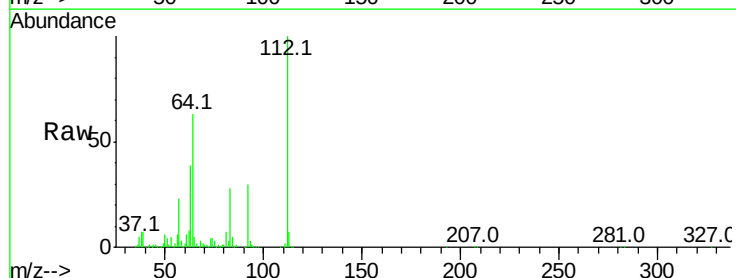
Tgt Ion:112 Resp: 1229488

Ion Ratio Lower Upper

112 100

64 63.4 38.6 57.8#

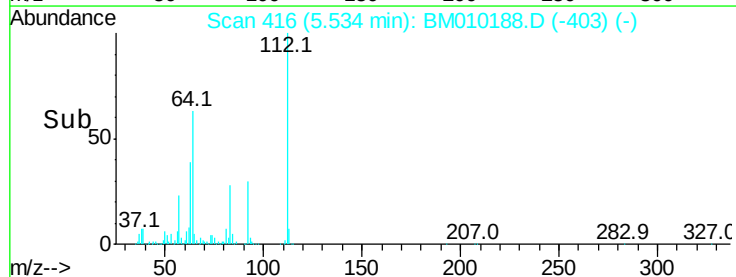
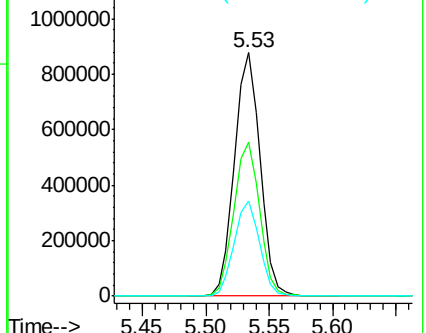
63 39.2 19.3 28.9#

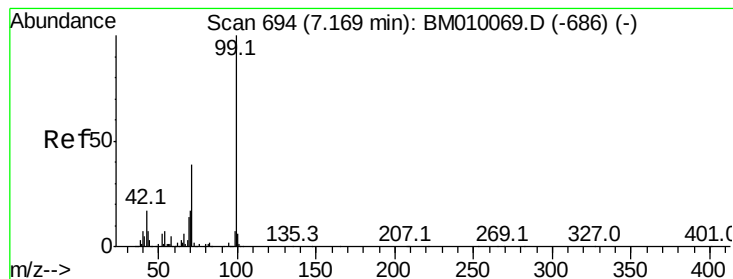


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 160.33 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010188.D

Acq: 24 May 2017 19:38

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)

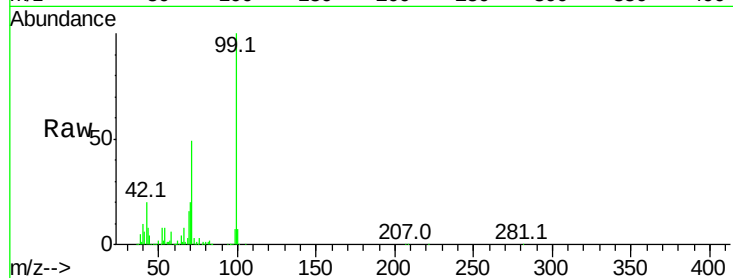
Tot Ion: 99 Resp: 1525624

Ion Ratio Lower Upper

99 100

42 20.0 11.0 16.4#

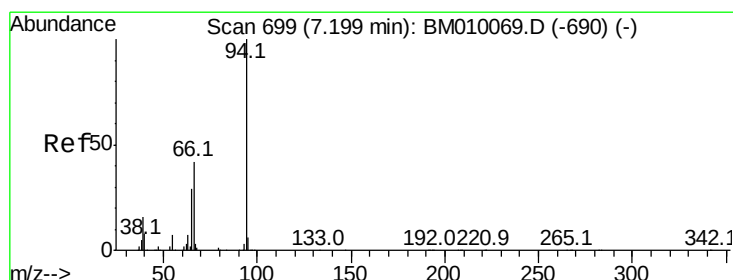
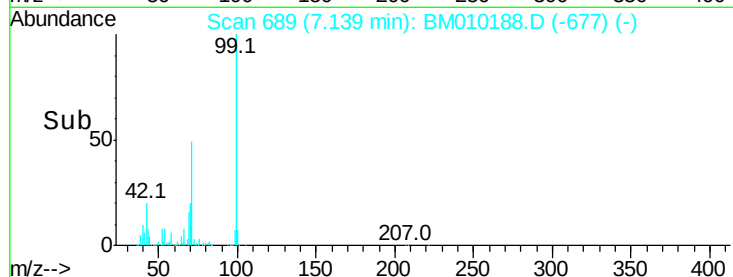
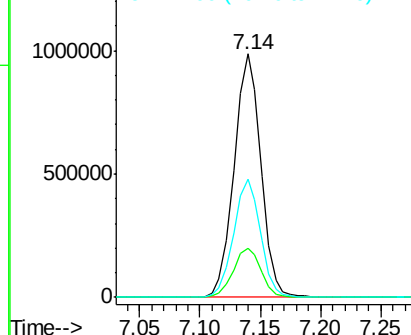
71 48.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#10

Phenol

Concen: 2.07 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BM010188.D

Acq: 24 May 2017 19:38

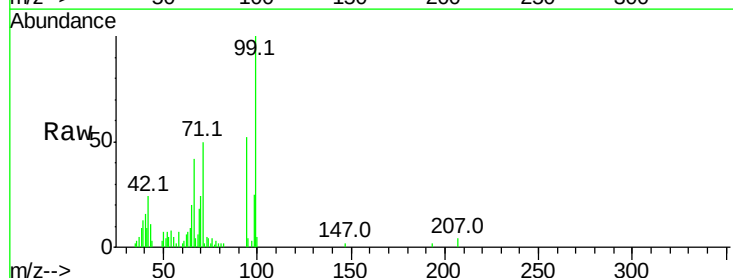
Tgt Ion: 94 Resp: 20718

Ion Ratio Lower Upper

94 100

65 39.4 18.8 58.8

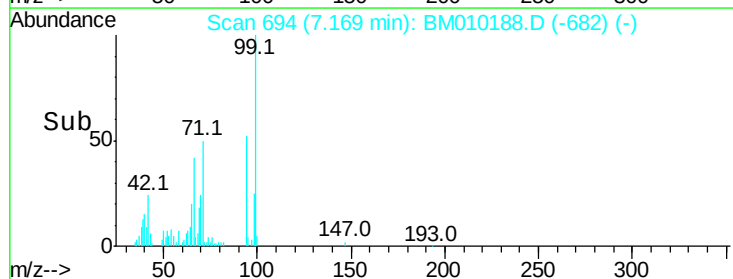
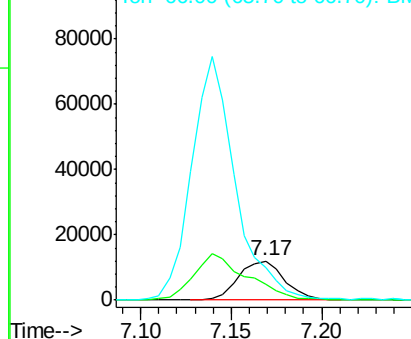
66 81.9 39.9 79.9#

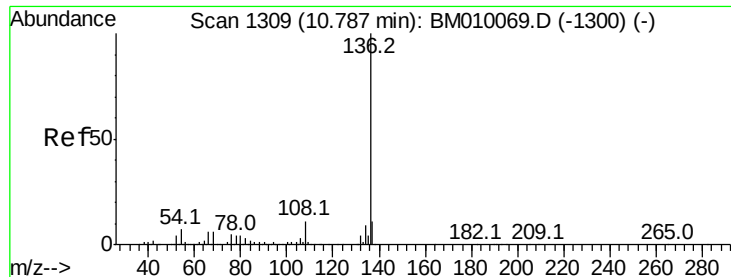


Abundance Ion 94.00 (93.70 to 94.70): BM010069.D (-690) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM010069.D (-690) (-)

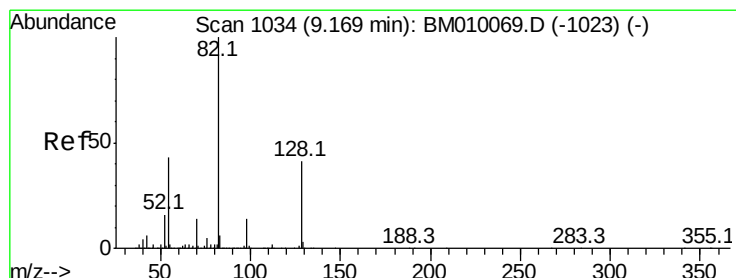
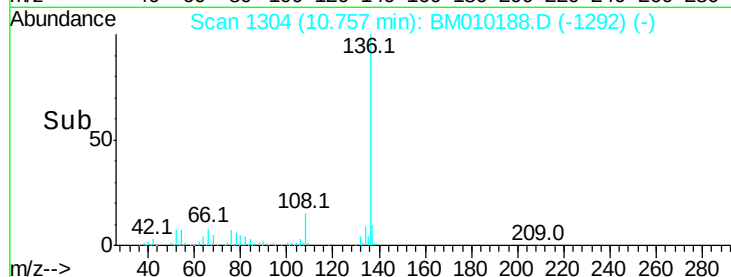
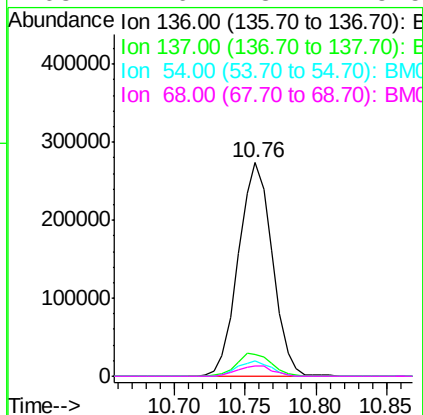
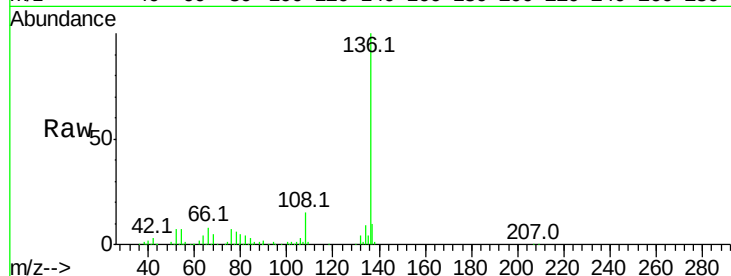




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BM010188.D
Acq: 24 May 2017 19:38

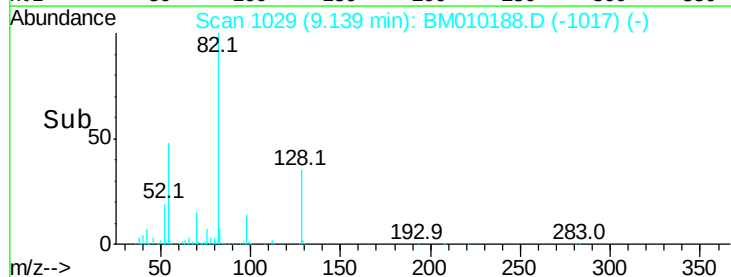
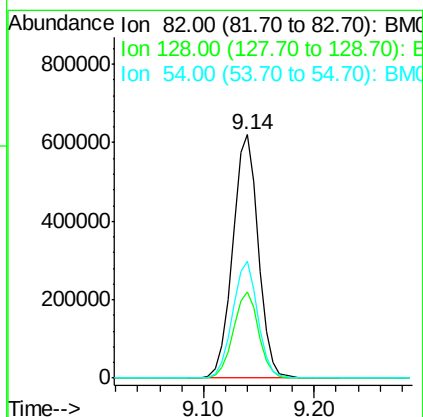
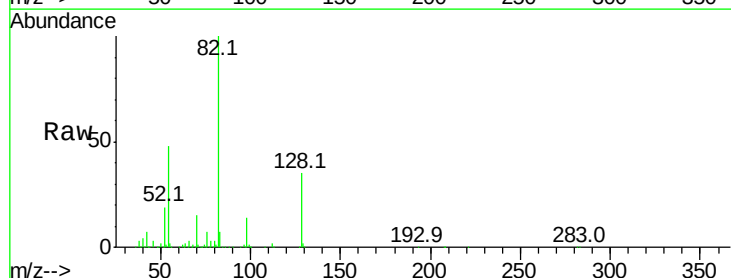
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)

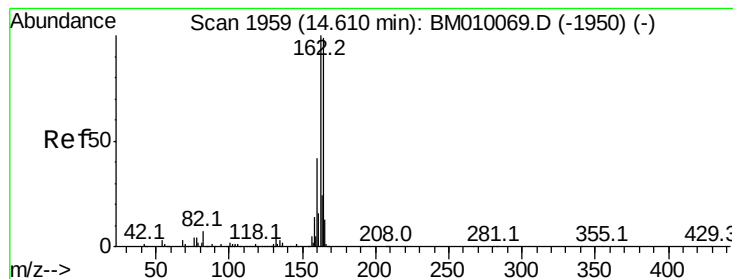
Tot Ion:136	Resp:	459079
Ion Ratio	Lower	Upper
136 100		
137 10.2	8.7	13.1
54 7.1	4.6	6.8#
68 4.6	3.7	5.5



#23
Nitrobenzene-d5
Concen: 118.91 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BM010188.D
Acq: 24 May 2017 19:38

Tgt Ion: 82	Resp: 1011787
Ion Ratio	Lower Upper
82 100	
128 35.2	32.8 49.2
54 47.8	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.58 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BM010188.D

Acq: 24 May 2017 19:38

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)

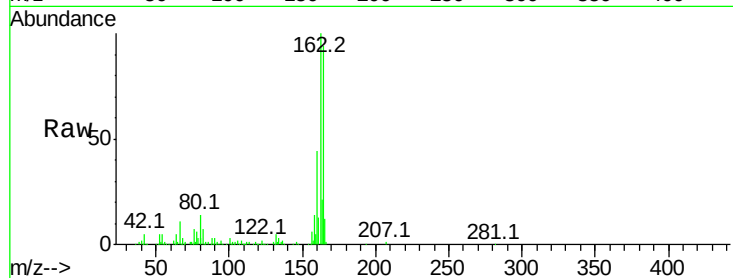
Tot Ion:164 Resp: 293129

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.4	123.6
160	46.3	35.8	53.6

164 100

162 106.3 82.4 123.6

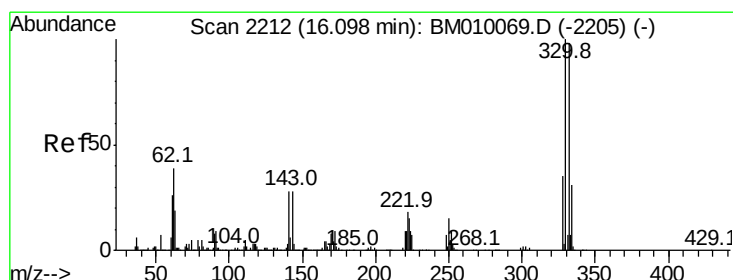
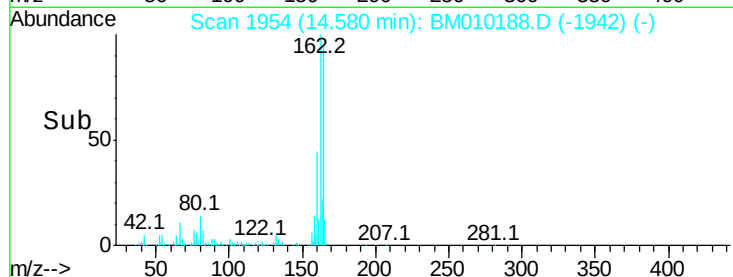
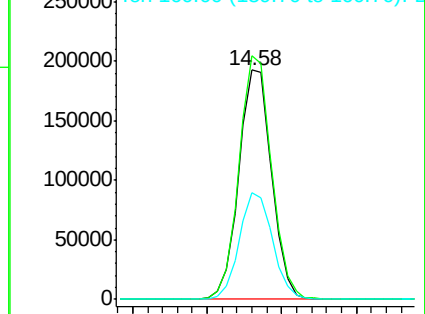
160 46.3 35.8 53.6



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: 171.43 ng

RT: 16.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BM010188.D

Acq: 24 May 2017 19:38

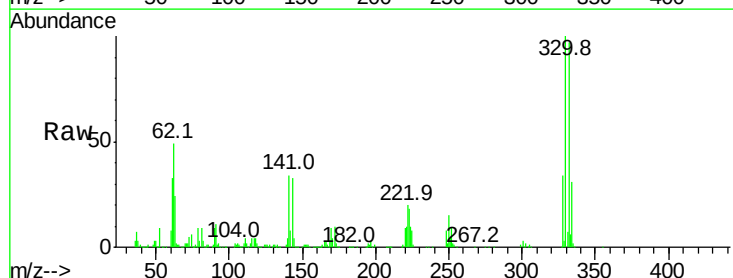
Tgt Ion:330 Resp: 763196

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	34.1	0.0	0.0#

330 100

332 96.5 0.0 0.0#

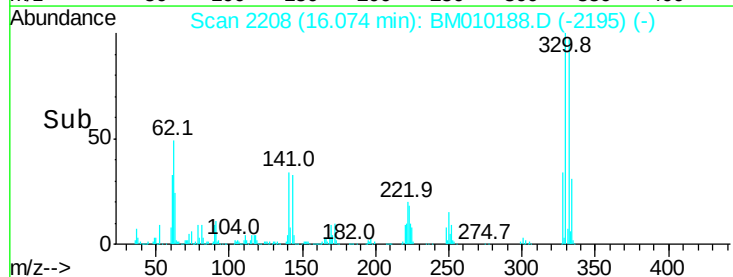
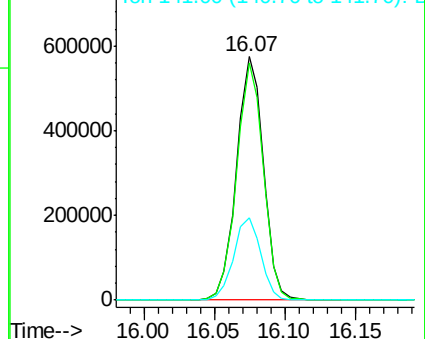
141 34.1 0.0 0.0#

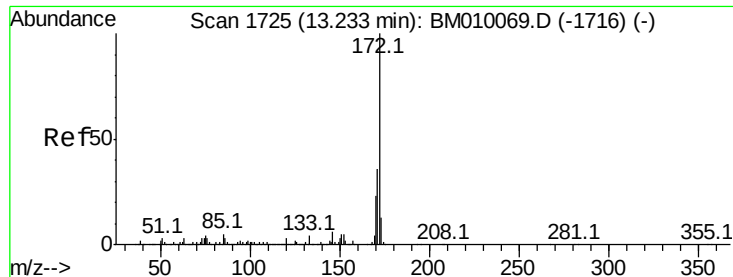


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

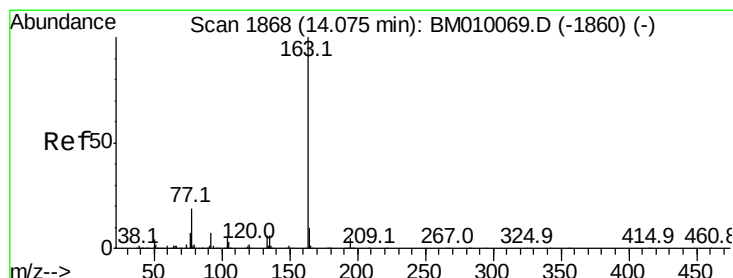
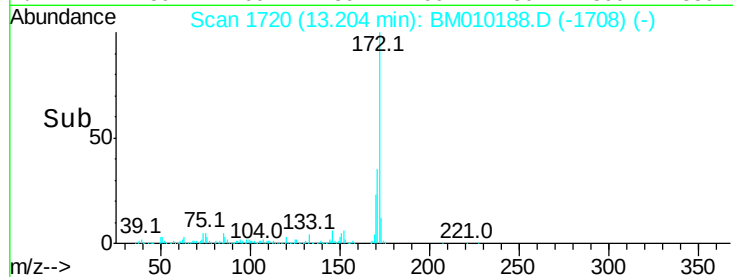
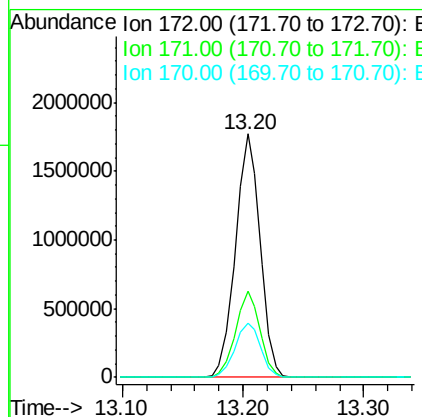
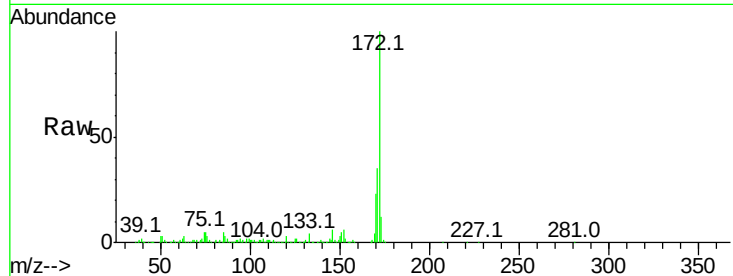




#44
2-Fluorobiphenyl
Concen: 110.51 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010188.D
Acq: 24 May 2017 19:38

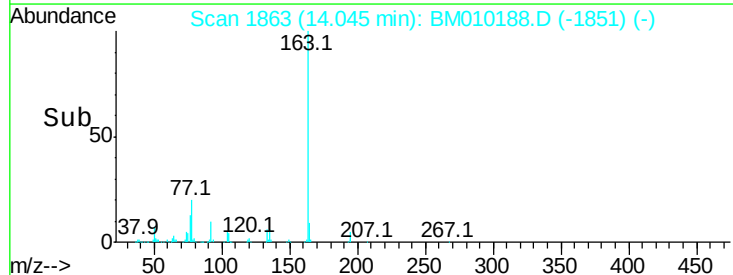
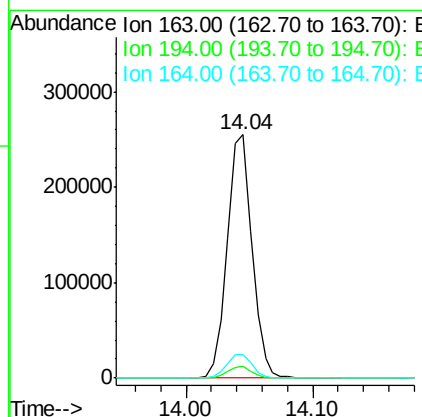
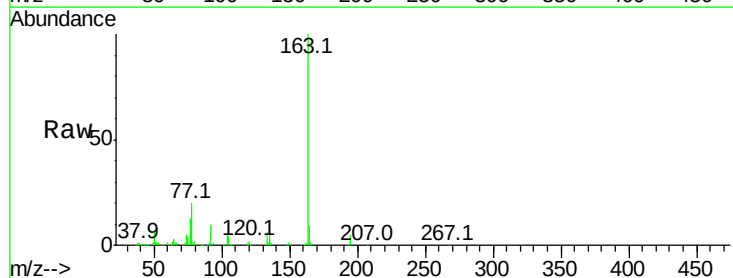
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)

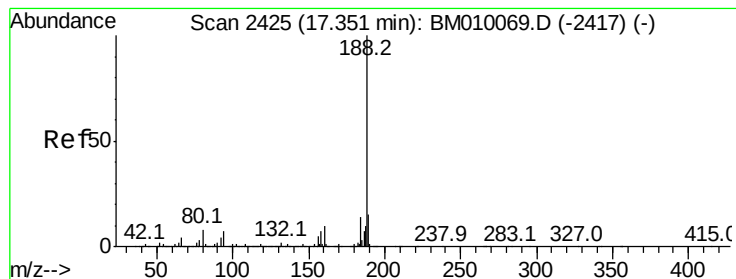
Tot Ion:172 Resp: 2519878
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 22.5 18.8 28.2



#49
Dimethylphthalate
Concen: 13.22 ng
RT: 14.04 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BM010188.D
Acq: 24 May 2017 19:38

Tgt Ion:163 Resp: 345625
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 9.4 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010188.D

Acq: 24 May 2017 19:38

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)

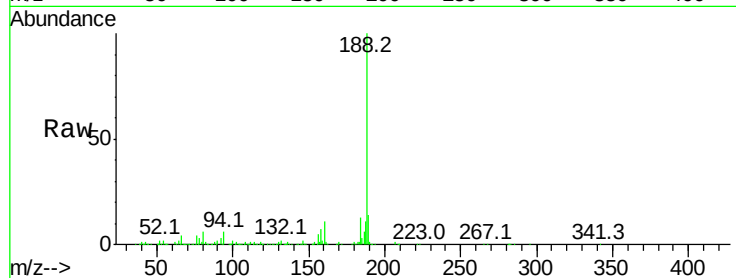
Tot Ion:188 Resp: 731122

Ion Ratio Lower Upper

188 100

94 5.7 8.7 13.1#

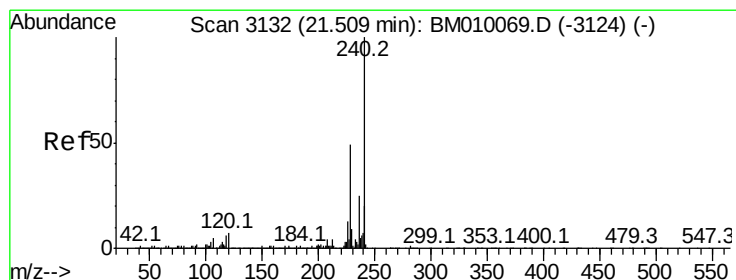
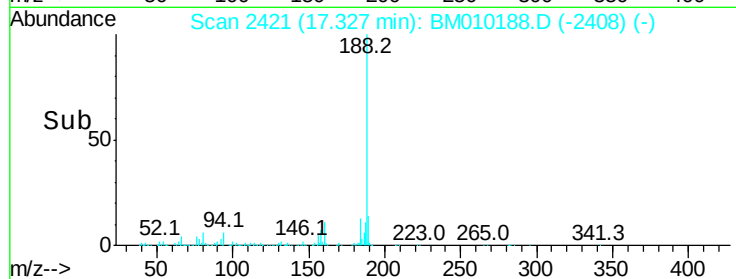
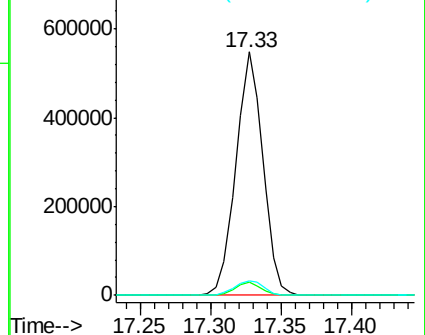
80 5.7 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM010188.D

Acq: 24 May 2017 19:38

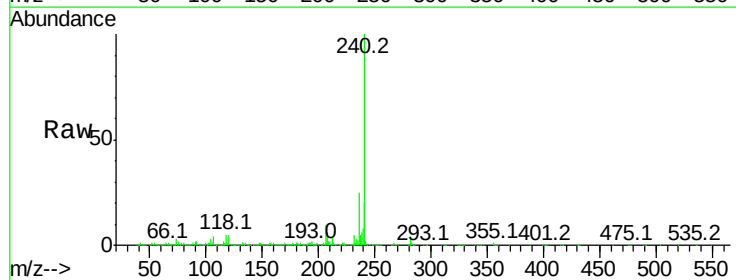
Tgt Ion:240 Resp: 1085960

Ion Ratio Lower Upper

240 100

120 4.8 8.2 12.2#

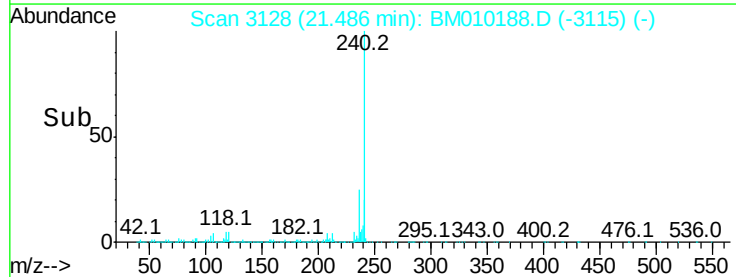
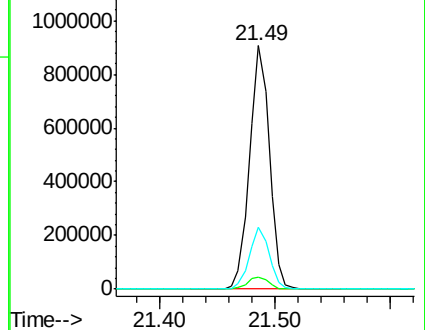
236 25.3 20.0 30.0

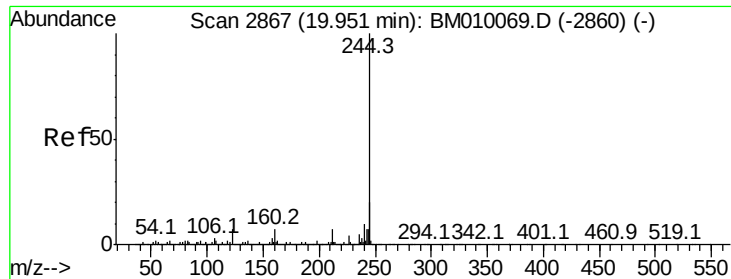


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.96 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010188.D

Acq: 24 May 2017 19:38

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ClientSampleId :

DSK-SB1(5-10)

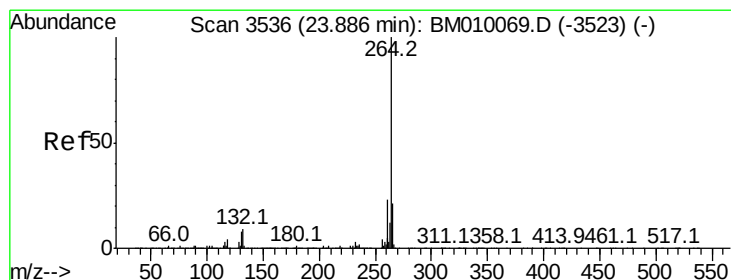
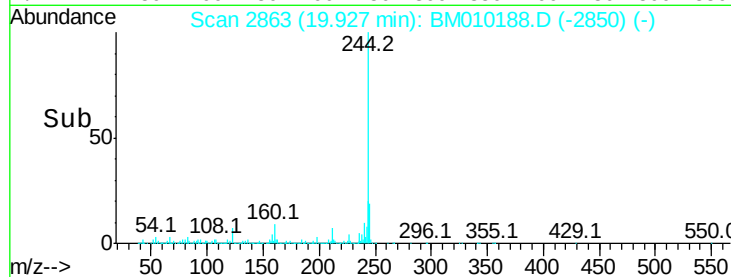
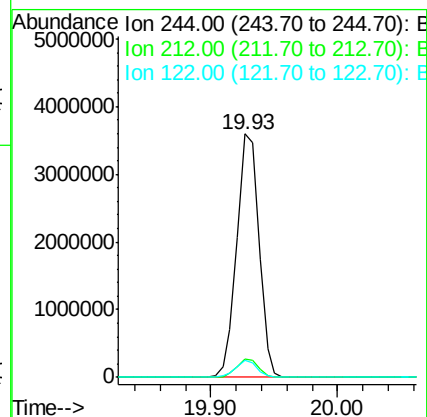
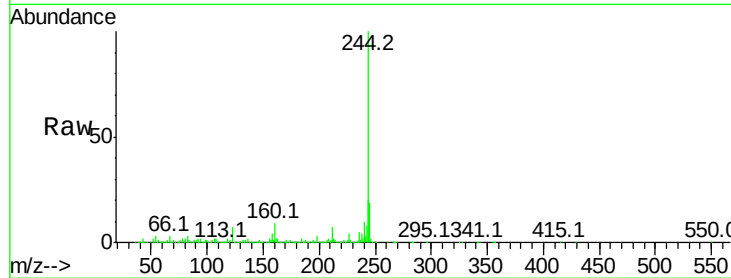
Tot Ion:244 Resp: 4344132

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 6.8 6.2 9.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010188.D

Acq: 24 May 2017 19:38

Tgt Ion:264 Resp: 1225949

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.5 17.3 25.9

