

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010163.D
 Acq On : 24 May 2017 04:23
 Operator : SJ/MA
 Sample : I3241-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC9(9.8-12)

Quant Time: May 24 06:47:13 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

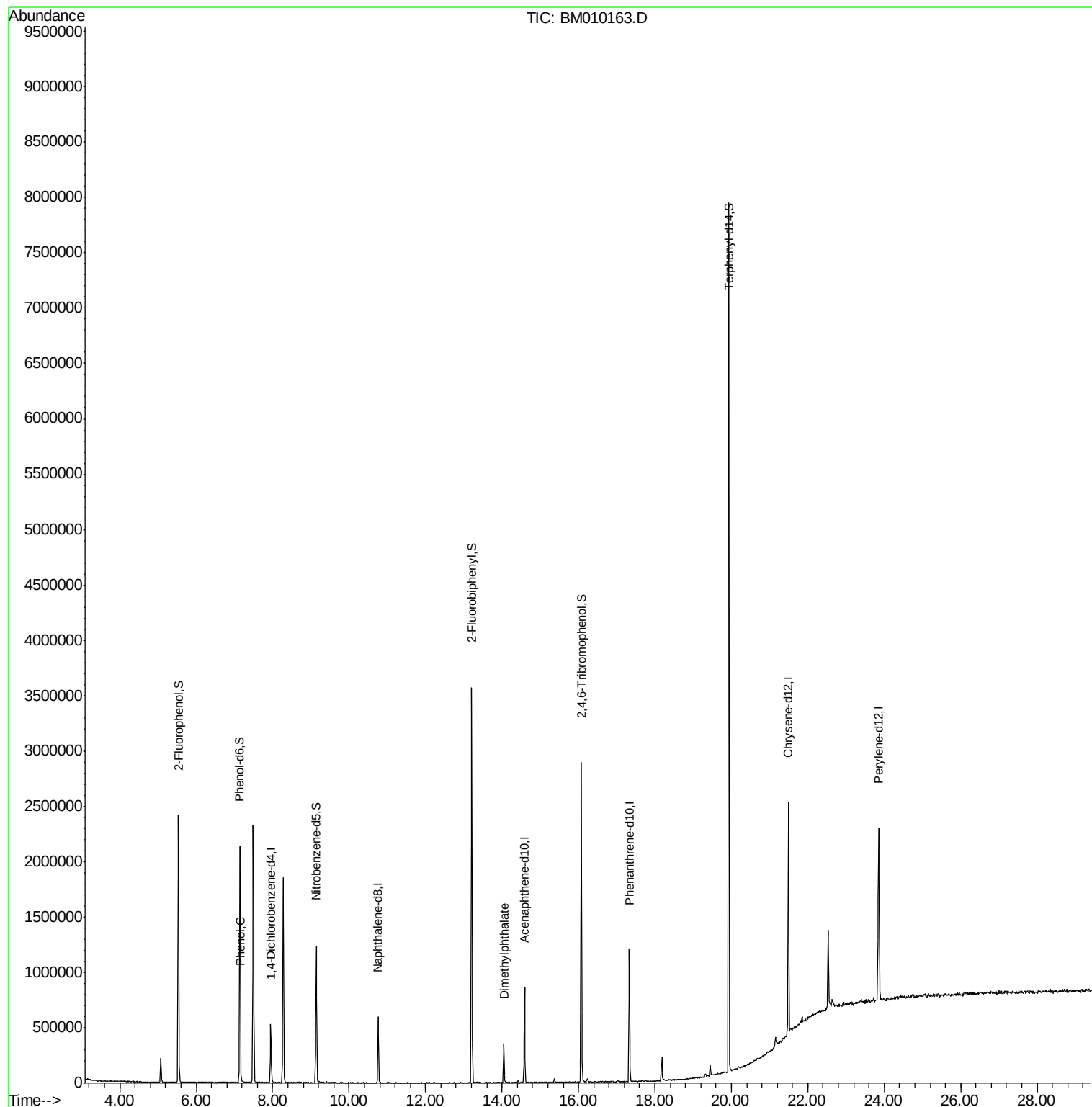
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	127711	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	430267	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	265951	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	679873	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1063956	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1221850	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	843823	119.32	ng	-0.02
7) Phenol-d6	7.14	99	1056179	116.06	ng	-0.03
23) Nitrobenzene-d5	9.14	82	688495	86.33	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	504780	124.97	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	1747470	84.47	ng	-0.02
78) Terphenyl-d14	19.93	244	3169890	67.74	ng	-0.02
Target Compounds						
10) Phenol	7.16	94	23259	2.43	ng	# 76
49) Dimethylphthalate	14.05	163	209238	8.82	ng	# 99

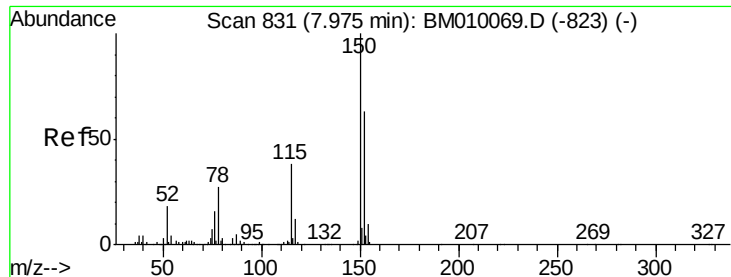
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BM010163.D

Acq: 24 May 2017 04:23

Instrument :

BNA_M

ClientSampleId :

EP1-WC9(9.8-12)

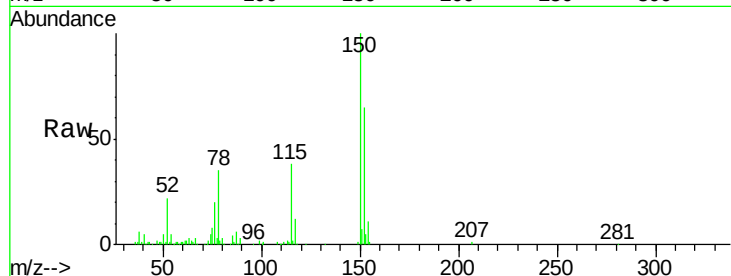
Tgt Ion:152 Resp: 127711

Ion Ratio Lower Upper

152 100

150 152.7 119.5 179.3

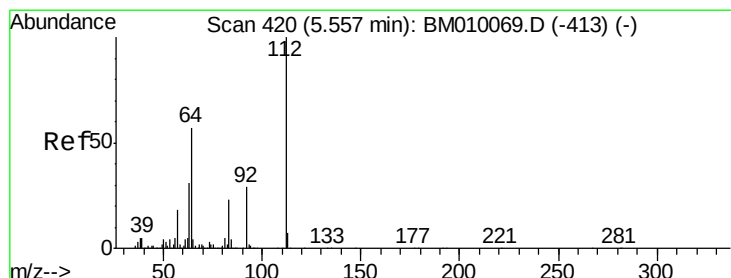
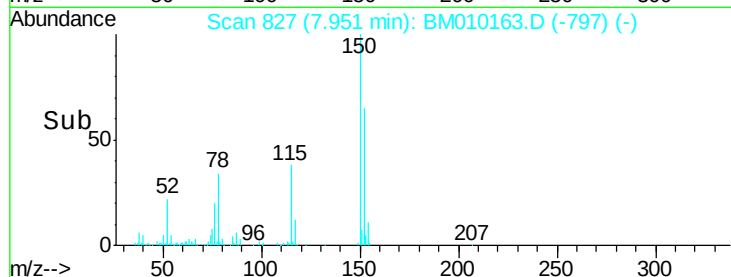
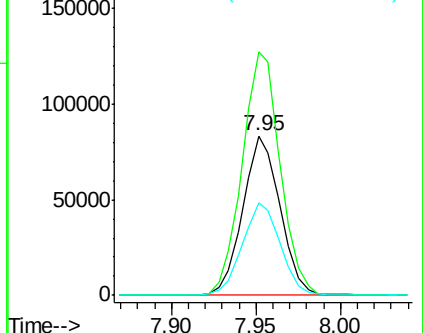
115 58.0 43.0 64.4



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: 119.32 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010163.D

Acq: 24 May 2017 04:23

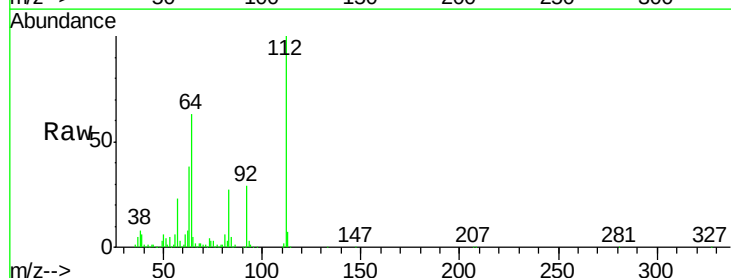
Tgt Ion:112 Resp: 843823

Ion Ratio Lower Upper

112 100

64 62.8 38.6 57.8#

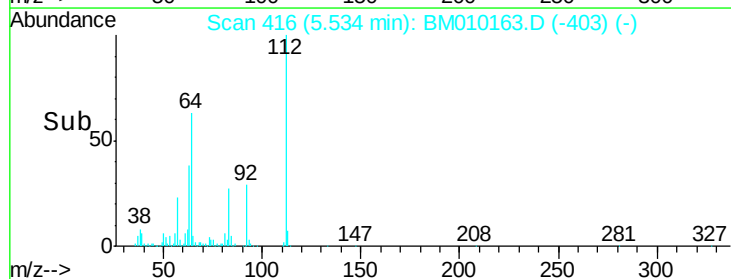
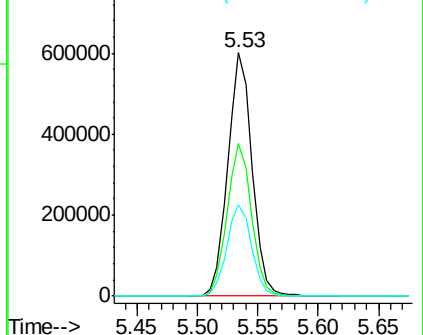
63 37.7 19.3 28.9#

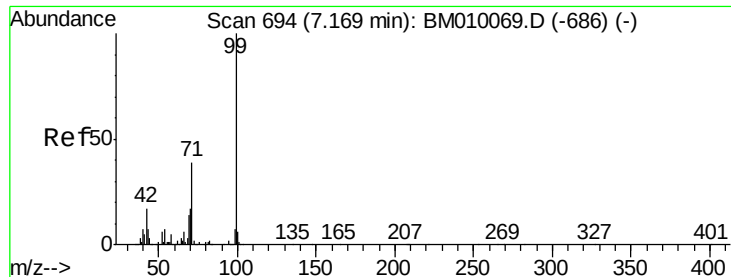


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 116.06 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010163.D

Acq: 24 May 2017 04:23

Instrument :

BNA_M

ClientSampleId :

EP1-WC9(9.8-12)

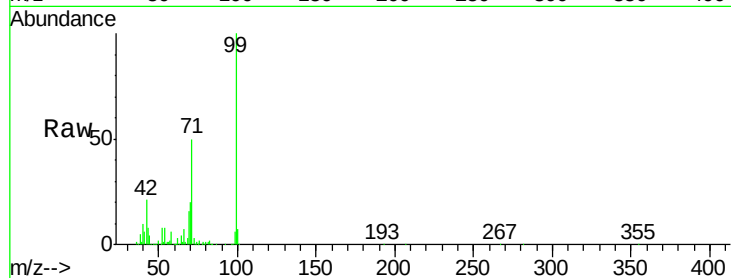
Tgt Ion: 99 Resp: 1056179

Ion Ratio Lower Upper

99 100

42 20.6 11.0 16.4#

71 49.7 23.4 35.2#

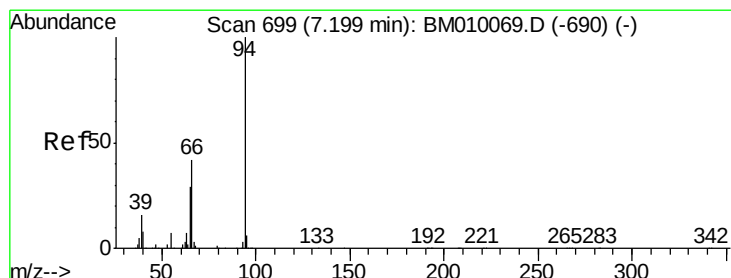
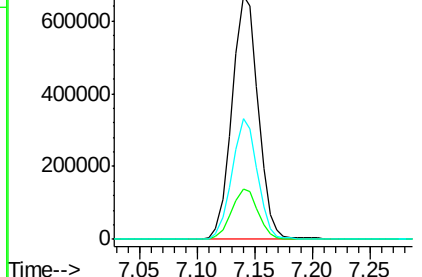
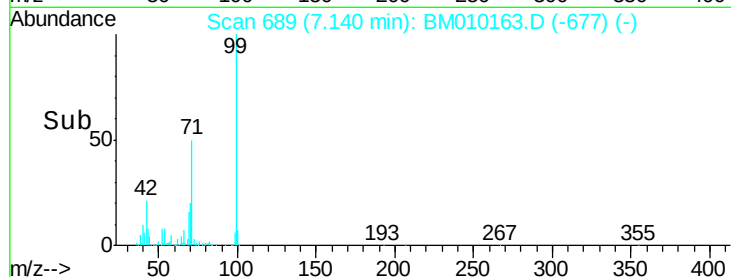


Abundance Ion 99.00 (98.70 to 99.70): BM010163.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010163.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010163.D (-677) (-)

Time-->



#10

Phenol

Concen: 2.43 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.04 min

Lab File: BM010163.D

Acq: 24 May 2017 04:23

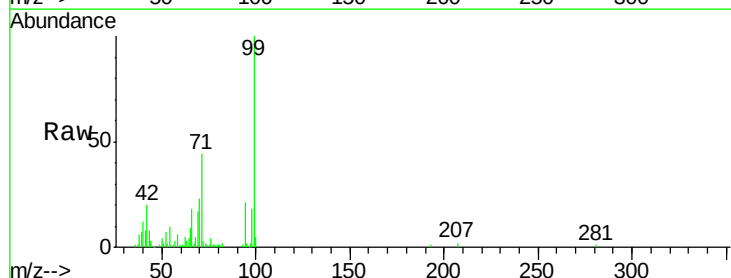
Tgt Ion: 94 Resp: 23259

Ion Ratio Lower Upper

94 100

65 42.7 18.8 58.8

66 86.4 39.9 79.9#

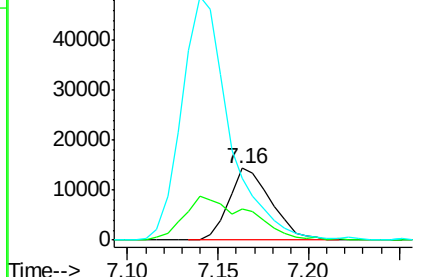
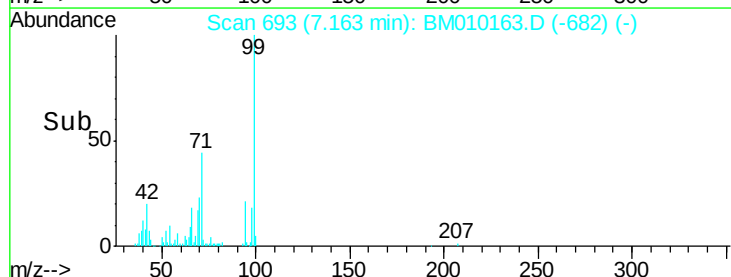


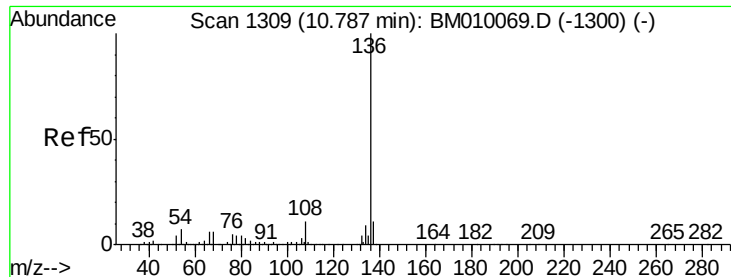
Abundance Ion 94.00 (93.70 to 94.70): BM010163.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM010163.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM010163.D (-682) (-)

Time-->

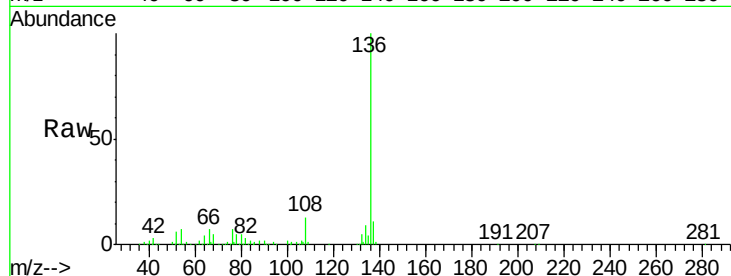




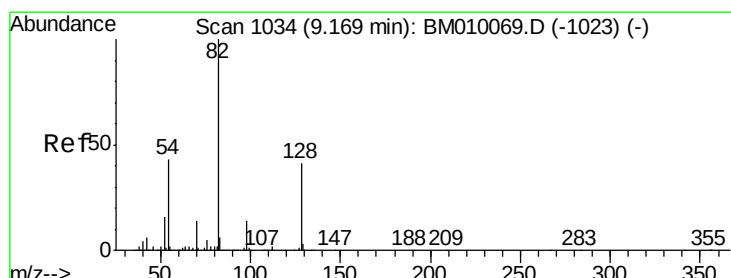
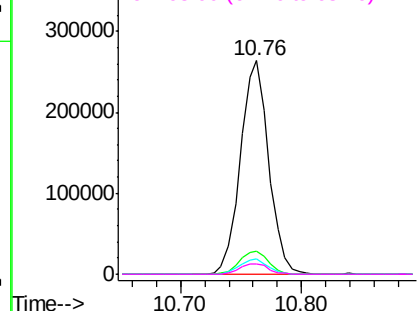
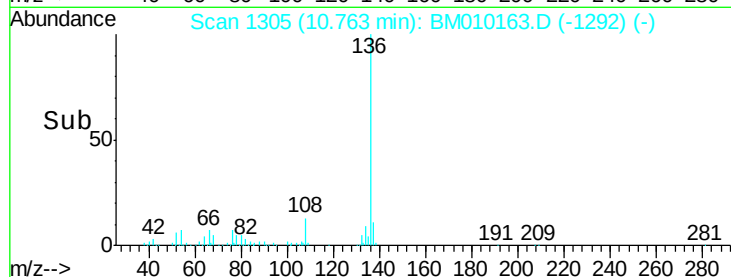
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Instrument :
BNA_M
ClientSampleId :
EP1-WC9(9.8-12)

Tgt Ion:	136	Resp:	430267
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	7.0	4.6	6.8#
68	5.1	3.7	5.5

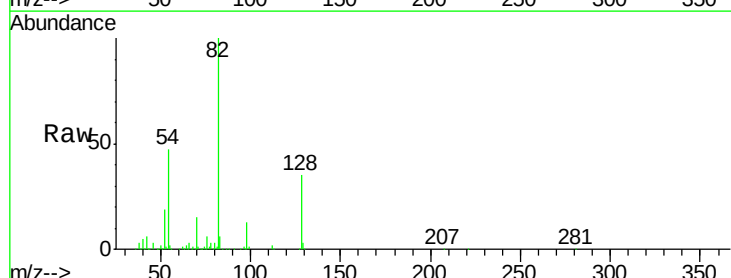


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

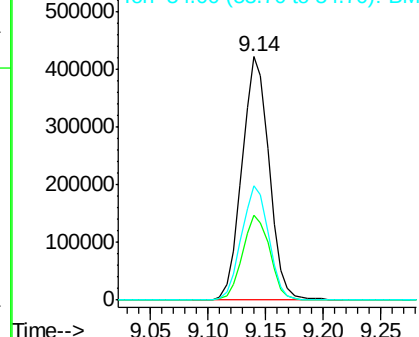
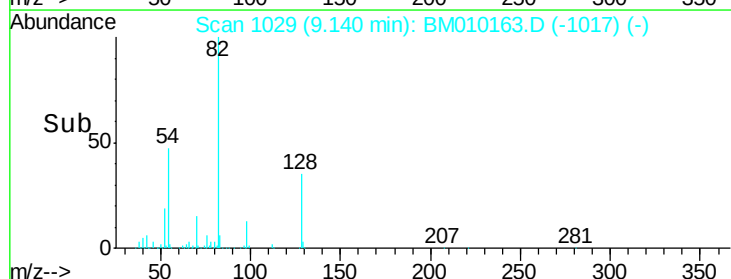


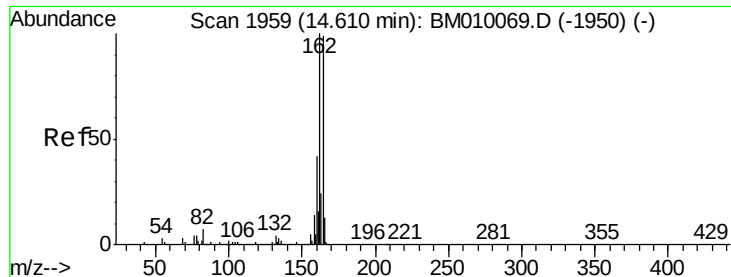
#23
Nitrobenzene-d5
Concen: 86.33 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Tgt Ion:	82	Resp:	688495
Ion Ratio	Lower	Upper	
82	100		
128	34.6	32.8	49.2
54	47.1	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BM010163.D

Acq: 24 May 2017 04:23

Instrument :

BNA_M

ClientSampleId :

EP1-WC9(9.8-12)

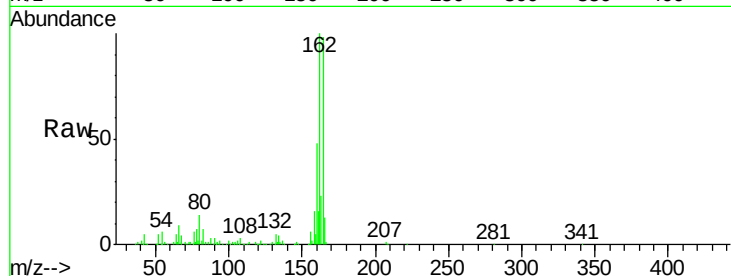
Tgt Ion:164 Resp: 265951

Ion Ratio Lower Upper

164 100

162 102.5 82.4 123.6

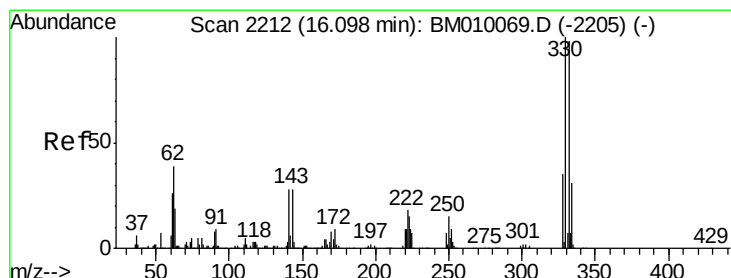
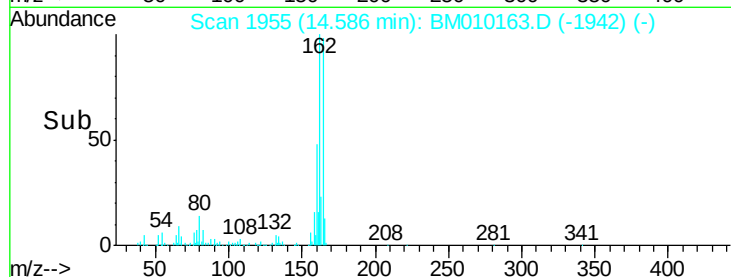
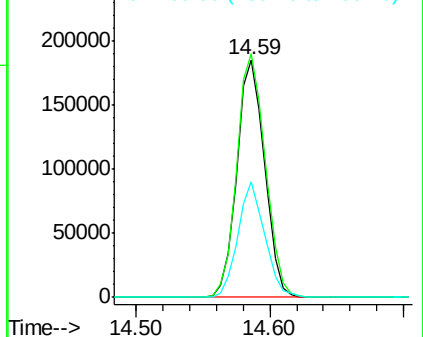
160 48.7 35.8 53.6



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: 124.97 ng

RT: 16.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BM010163.D

Acq: 24 May 2017 04:23

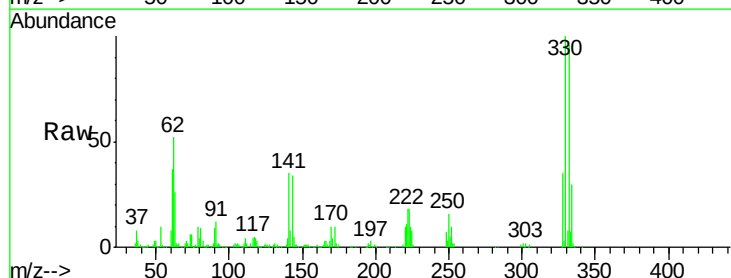
Tgt Ion:330 Resp: 504780

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

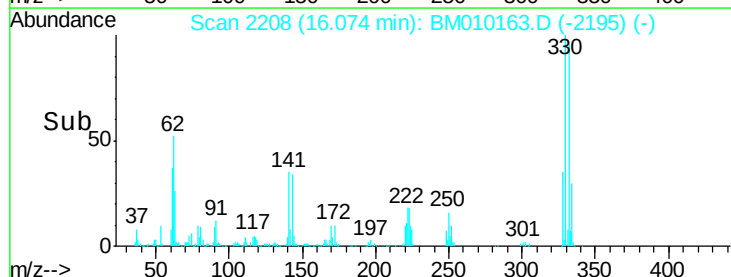
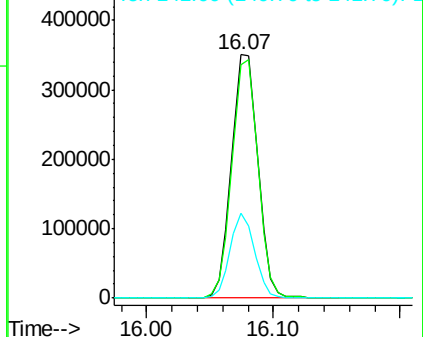
141 32.6 0.0 0.0#

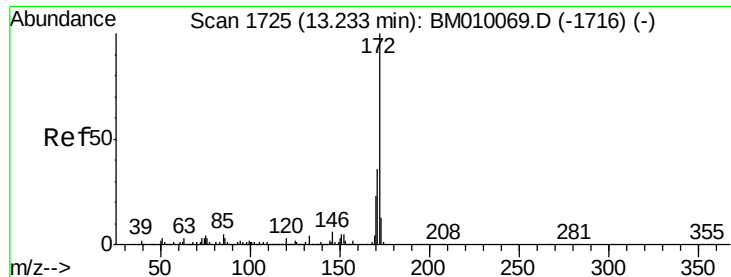


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

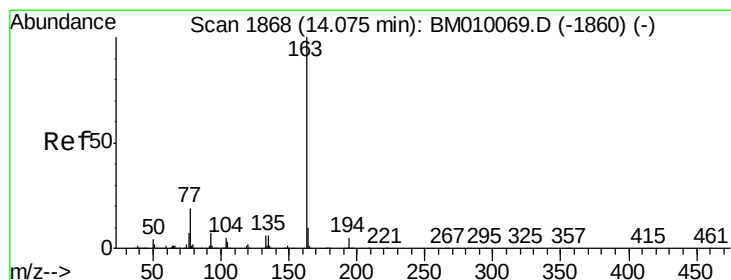
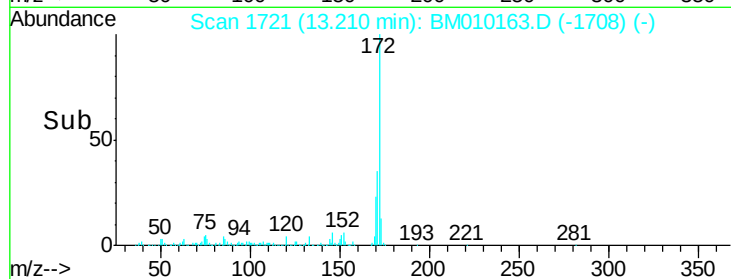
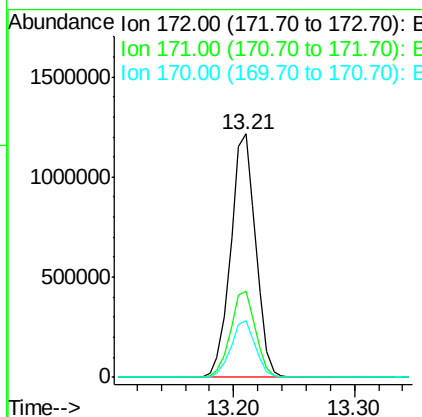
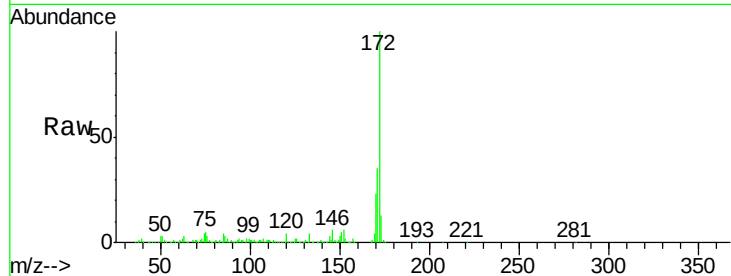




#44
2-Fluorobiphenyl
Concen: 84.47 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

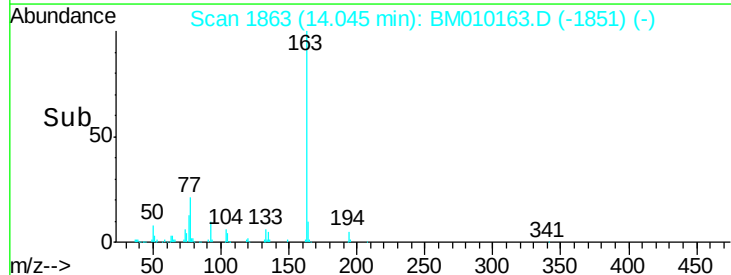
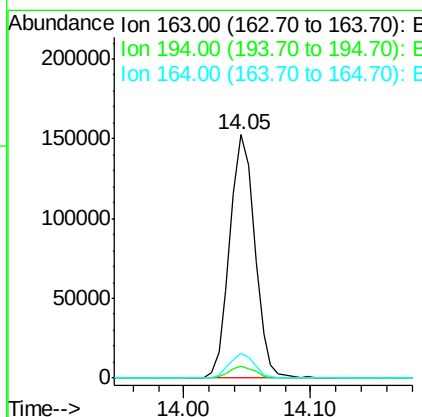
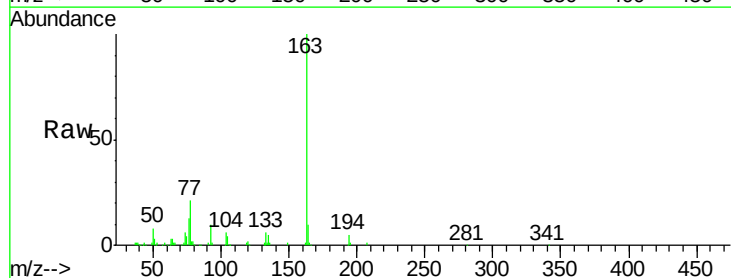
Instrument :
BNA_M
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EP1-WC9(9.8-12)

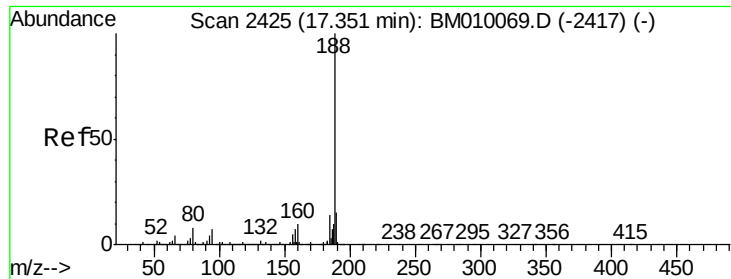
Tgt Ion:172 Resp: 1747470
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.3 18.8 28.2



#49
Dimethylphthalate
Concen: 8.82 ng
RT: 14.05 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Tgt Ion:163 Resp: 209238
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 10.2 8.2 12.2

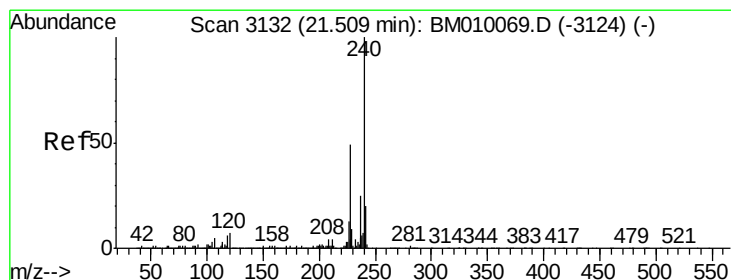
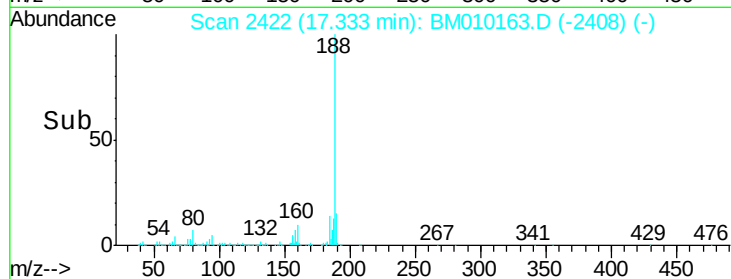
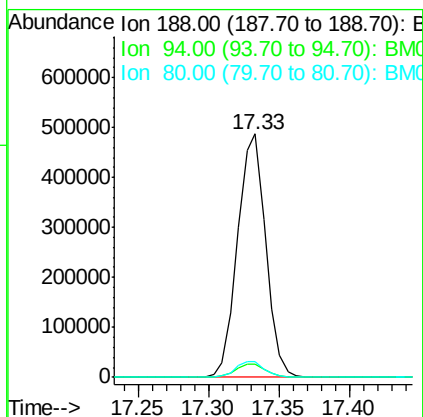
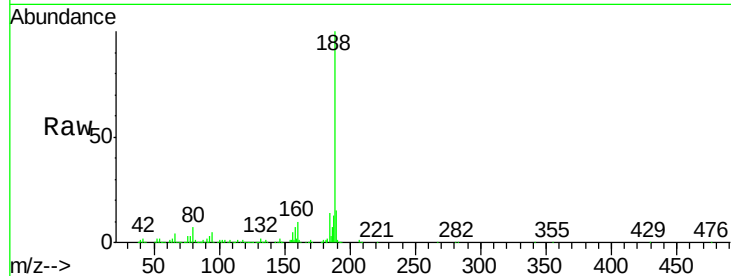




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

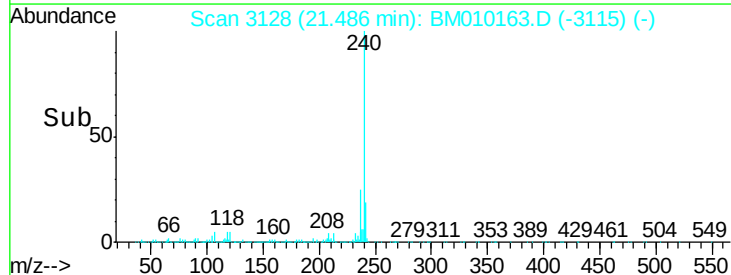
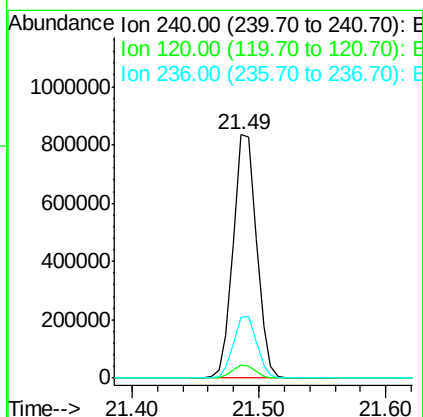
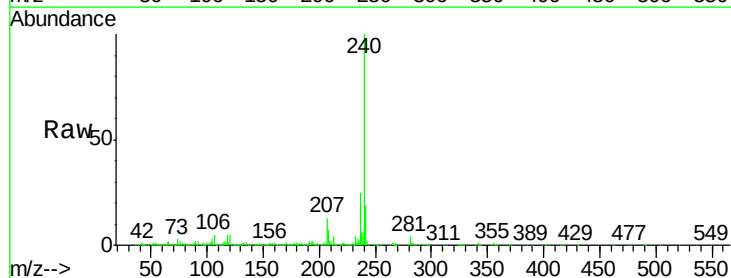
Instrument :
BNA_M
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EP1-WC9(9.8-12)

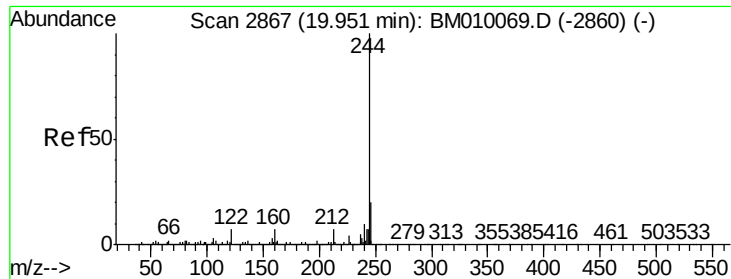
Tgt Ion:188 Resp: 679873
Ion Ratio Lower Upper
188 100
94 5.4 8.7 13.1#
80 6.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Tgt Ion:240 Resp: 1063956
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 25.0 20.0 30.0





#78

Terphenyl-d14

Concen: 67.74 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010163.D

Acq: 24 May 2017 04:23

Instrument :

BNA_M

ClientSampleId :

EP1-WC9(9.8-12)

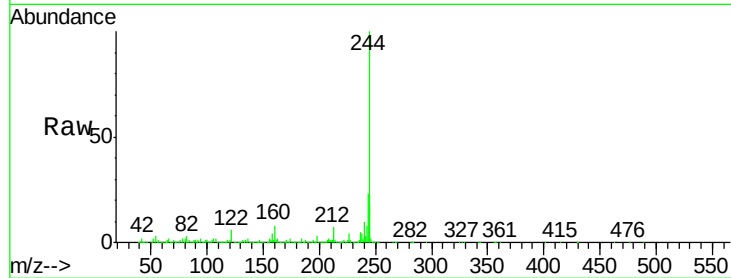
Tgt Ion:244 Resp: 3169890

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

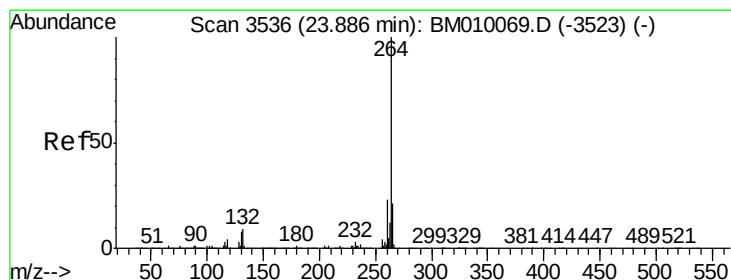
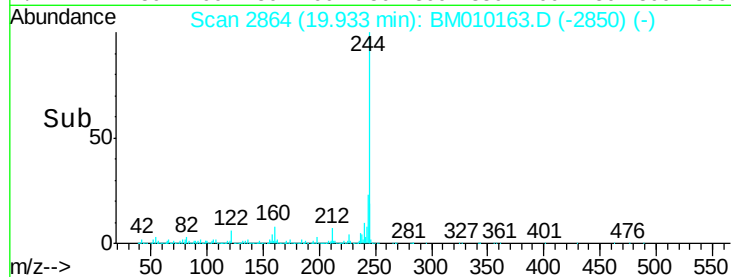
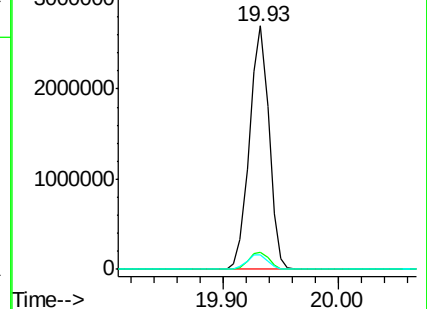
122 6.1 6.2 9.4#



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: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010163.D

Acq: 24 May 2017 04:23

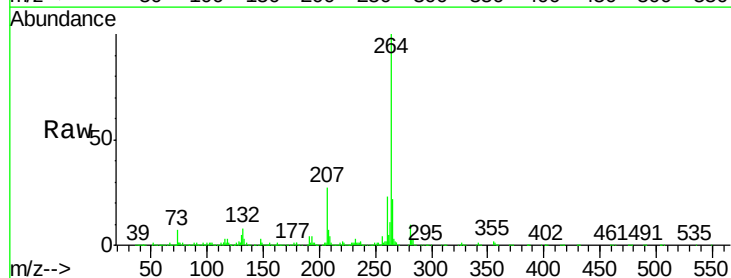
Tgt Ion:264 Resp: 1221850

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.4 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

