

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
 Data File : BM010220.D
 Acq On : 25 May 2017 16:56
 Operator : SJ/MA
 Sample : I3309-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-8

Quant Time: May 26 05:54:53 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

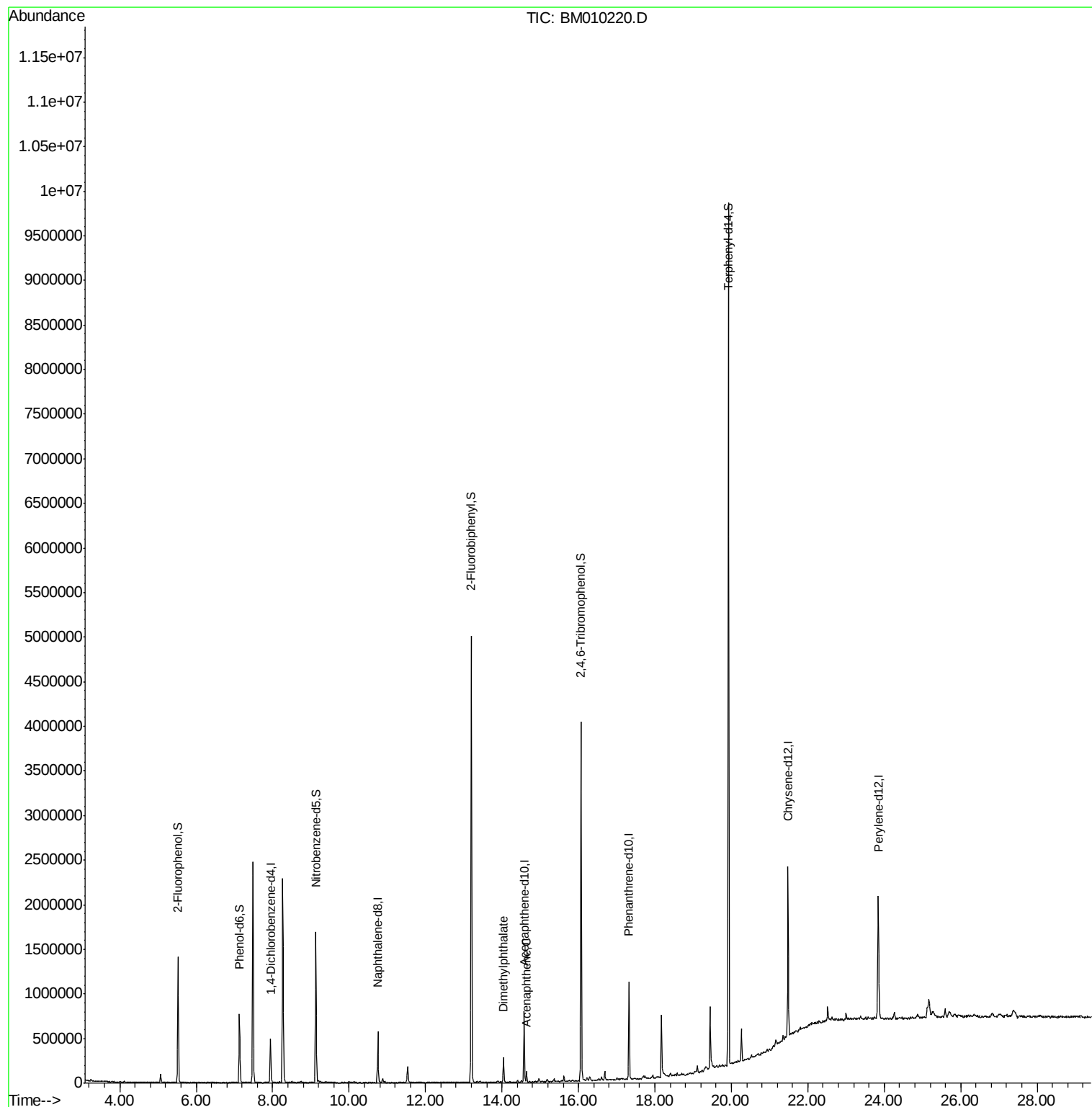
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	121119	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	407613	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	259787	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	629268	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	965166	20.00	ng	-0.03
86) Perylene-d12	23.84	264	1077039	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	494643	73.75	ng	-0.03
7) Phenol-d6	7.13	99	369823	42.85	ng	-0.04
23) Nitrobenzene-d5	9.13	82	913510	120.91	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	667529	169.18	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	2338349	115.71	ng	-0.04
78) Terphenyl-d14	19.93	244	3969194	93.51	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.04	163	171960	7.42	ng	Qvalue # 98
51) Acenaphthene	14.64	154	40175	2.53	ng	93

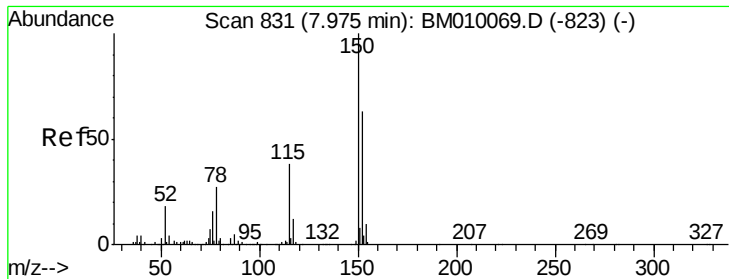
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010220.D

Acq: 25 May 2017 16:56

Instrument :

BNA_M

ClientSampleId :

GMW-8

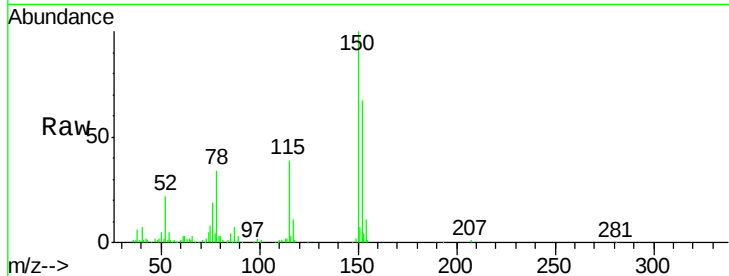
Tgt Ion:152 Resp: 121119

Ion Ratio Lower Upper

152 100

150 150.2 119.5 179.3

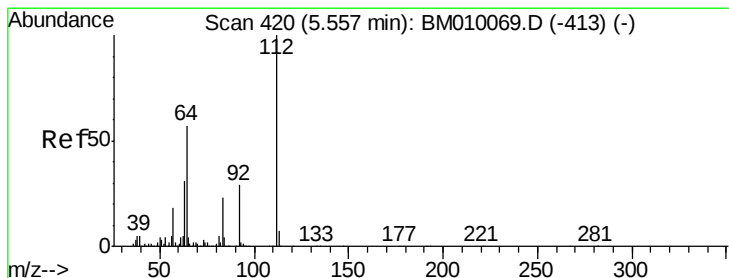
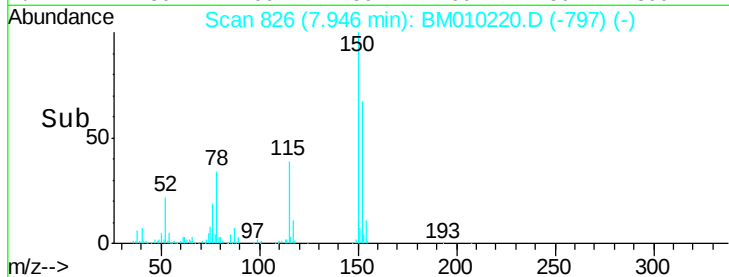
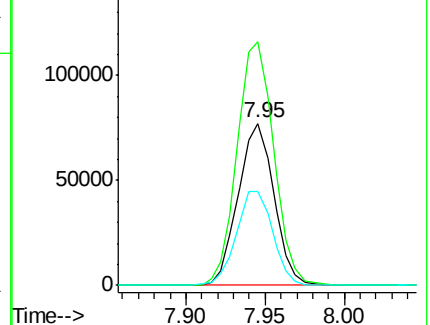
115 58.1 43.0 64.4



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: 73.75 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.03 min

Lab File: BM010220.D

Acq: 25 May 2017 16:56

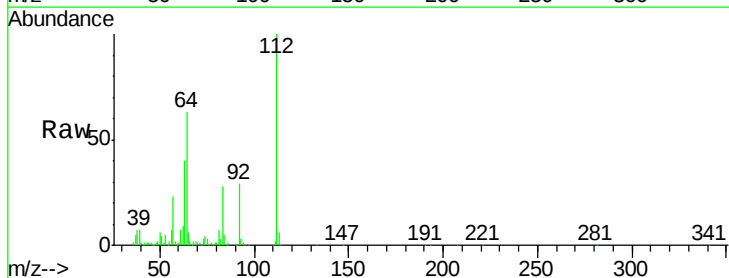
Tgt Ion:112 Resp: 494643

Ion Ratio Lower Upper

112 100

64 63.1 38.6 57.8#

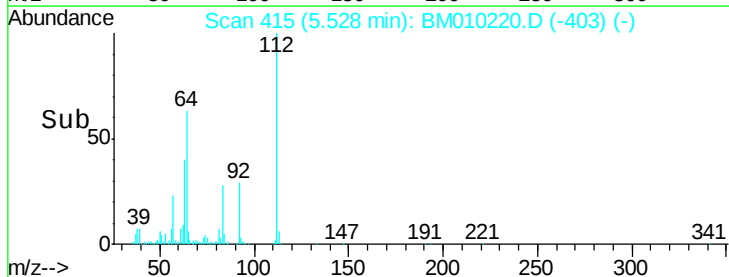
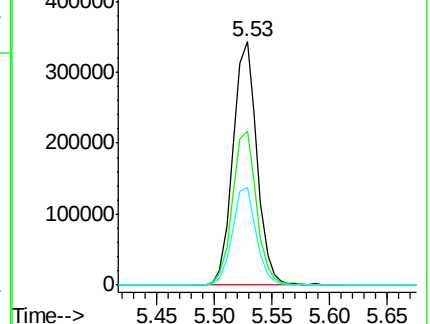
63 40.2 19.3 28.9#

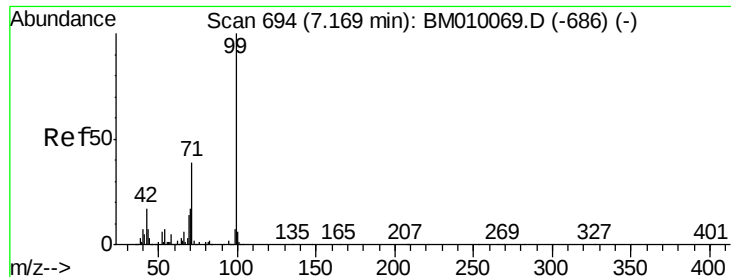


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 42.85 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010220.D

Acq: 25 May 2017 16:56

Instrument :

BNA_M

ClientSampleId :

GMW-8

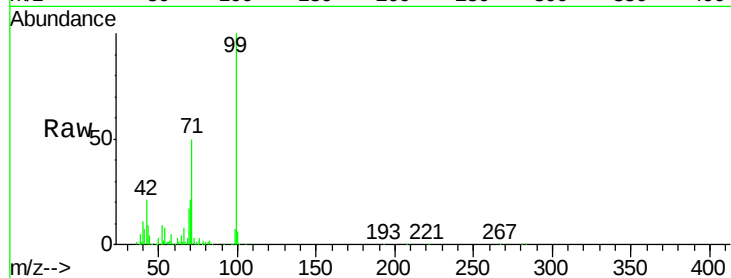
Tgt Ion: 99 Resp: 369823

Ion Ratio Lower Upper

99 100

42 21.3 11.0 16.4#

71 49.8 23.4 35.2#

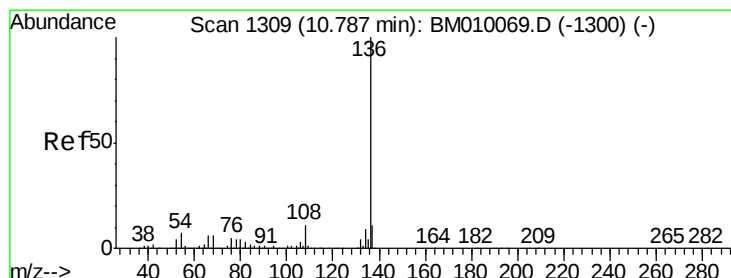
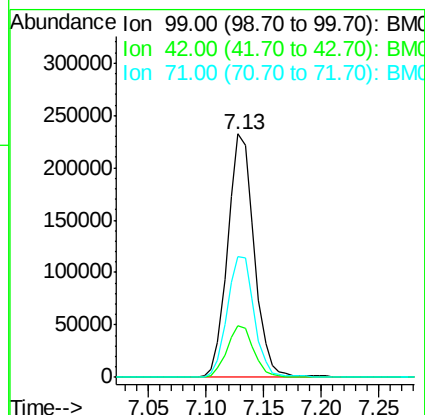
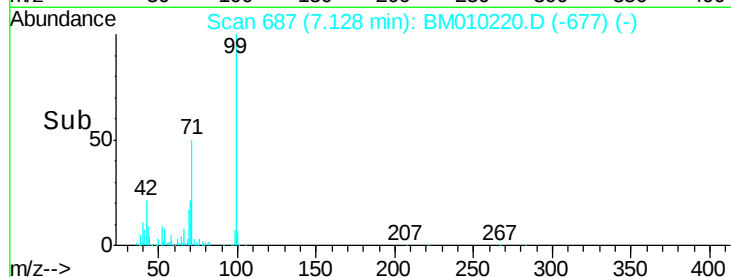


Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

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

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

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BM010220.D

Acq: 25 May 2017 16:56

Tgt Ion: 136 Resp: 407613

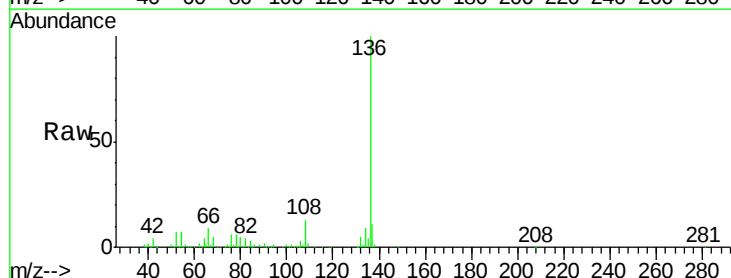
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.1 4.6 6.8#

68 5.4 3.7 5.5



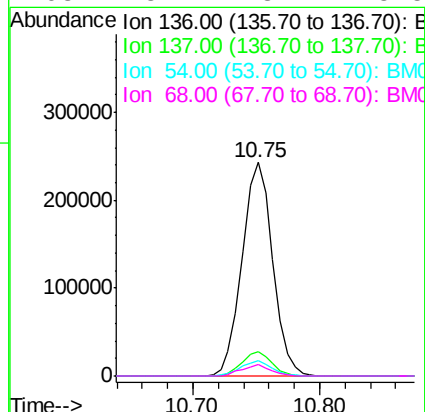
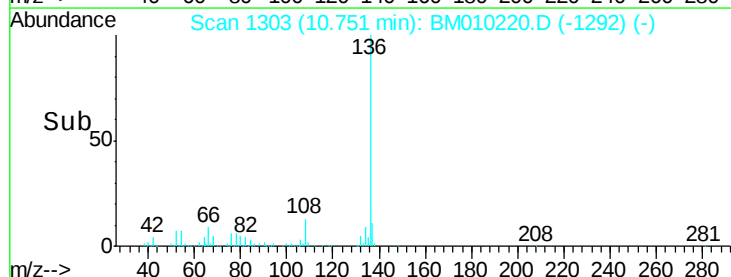
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

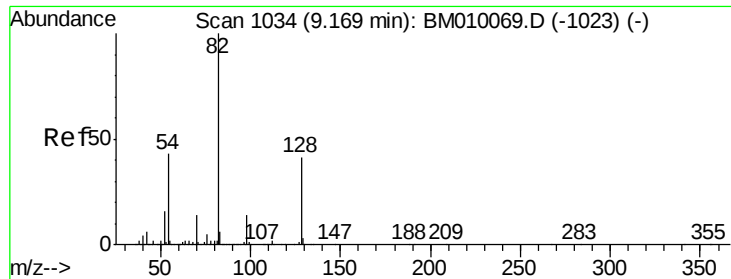
Ion 137.00 (136.70 to 137.70): BM010069.D (-1300) (-)

Ion 54.00 (53.70 to 54.70): BM010069.D (-1300) (-)

Ion 68.00 (67.70 to 68.70): BM010069.D (-1300) (-)

Time-->

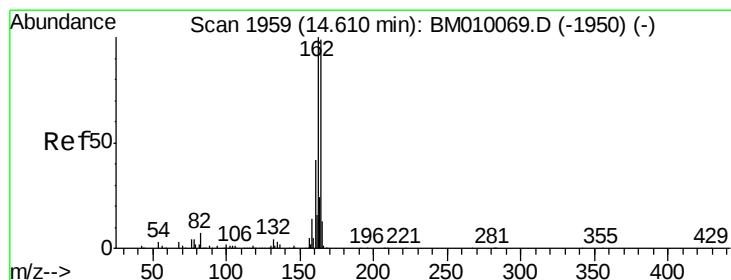
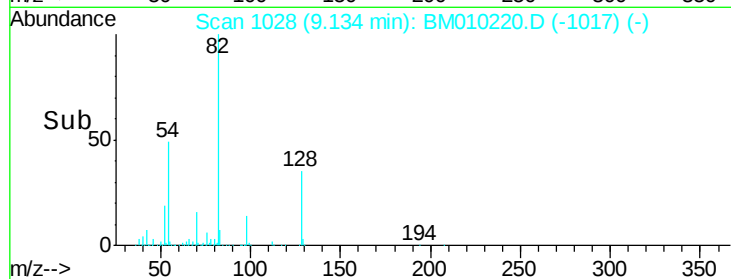
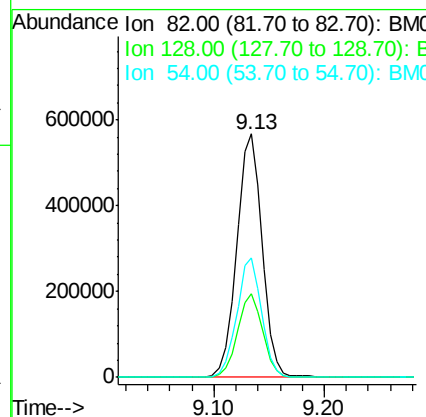
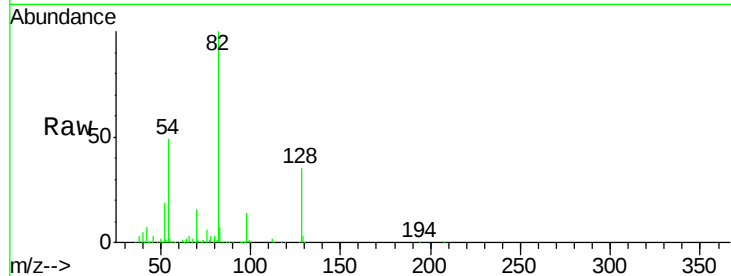




#23
 Nitrobenzene-d5
 Concen: 120.91 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010220.D
 Acq: 25 May 2017 16:56

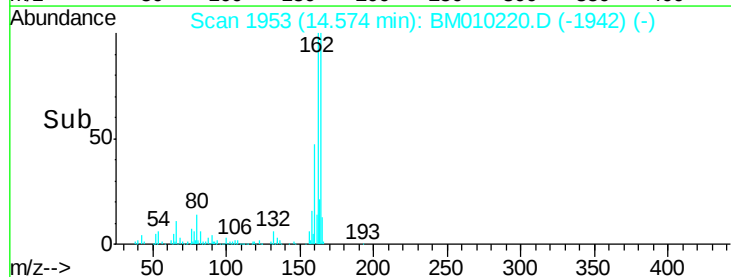
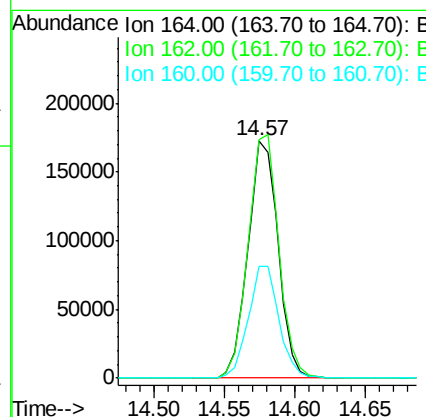
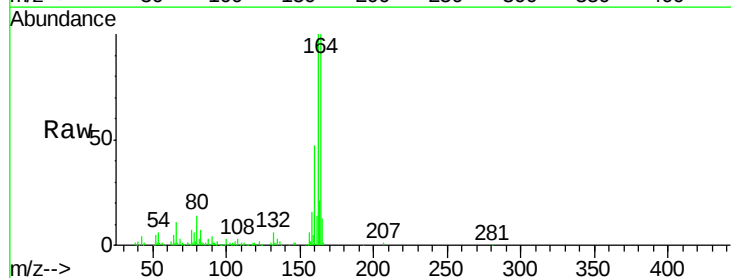
Instrument :
 BNA_M
 ClientSampleId :
 GMW-8

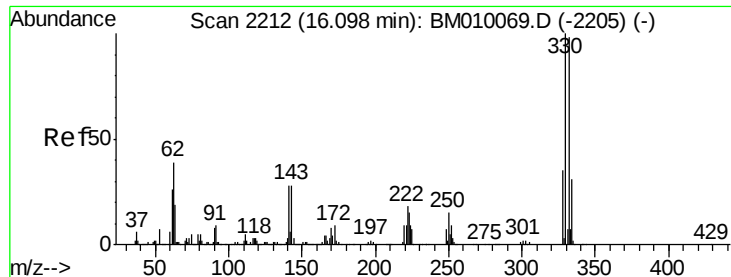
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.5	32.8	49.2
54	48.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.04 min
 Lab File: BM010220.D
 Acq: 25 May 2017 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.4	123.6
160	46.9	35.8	53.6

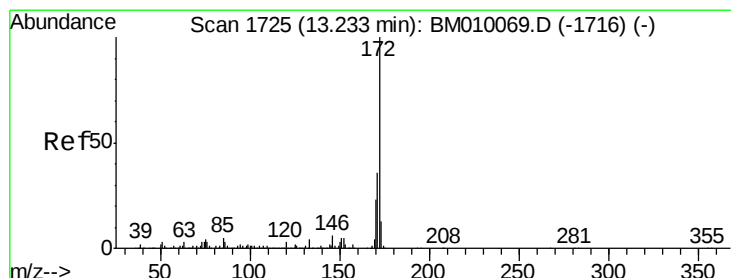
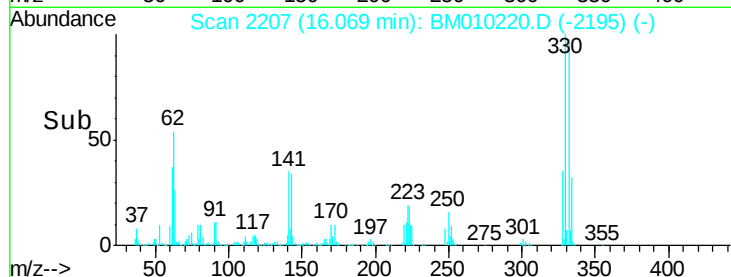
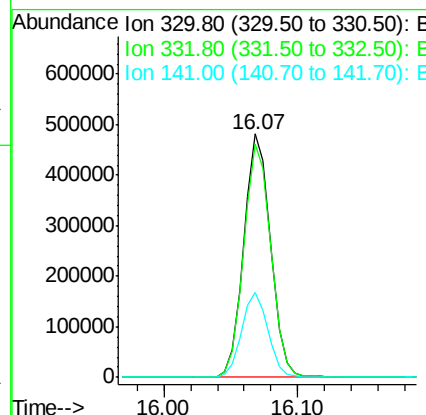
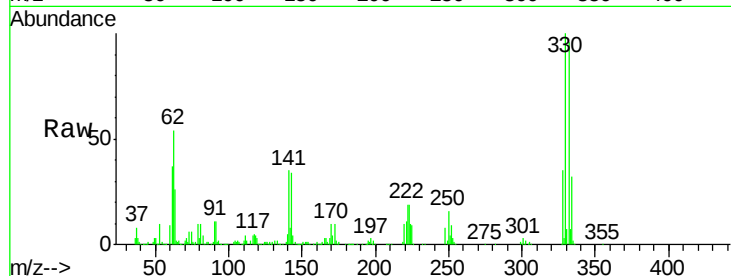




#41
 2,4,6-Tribromophenol
 Concen: 169.18 ng
 RT: 16.07 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BM010220.D
 Acq: 25 May 2017 16:56

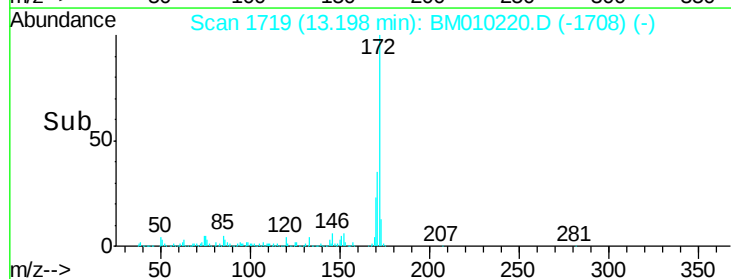
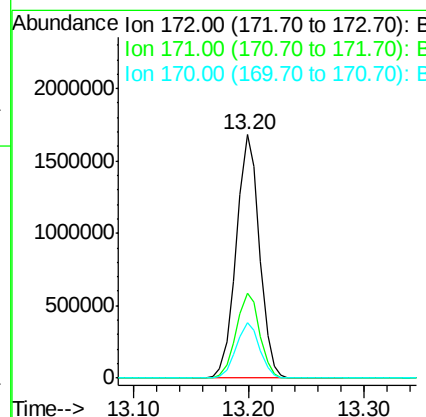
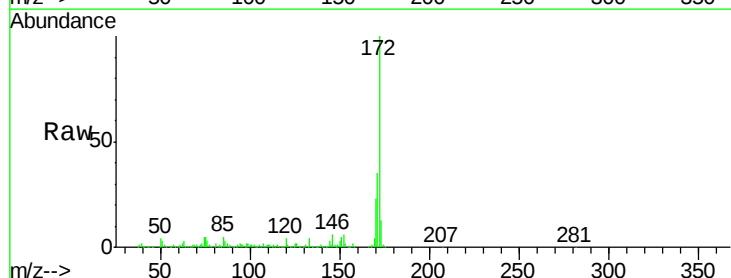
Instrument :
 BNA_M
 ClientSampleId :
 GMW-8

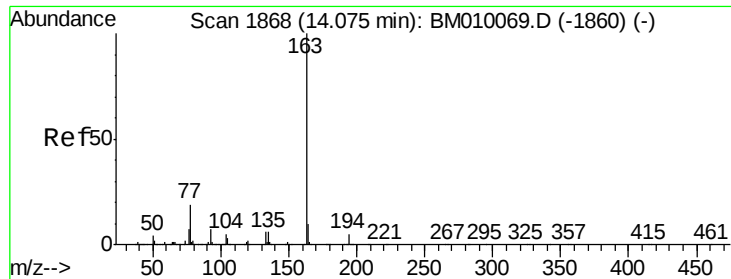
Tgt Ion:330 Resp: 667529
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 34.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 115.71 ng
 RT: 13.20 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BM010220.D
 Acq: 25 May 2017 16:56

Tgt Ion:172 Resp: 2338349
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 22.6 18.8 28.2





#49

Dimethylphthalate

Concen: 7.42 ng

RT: 14.04 min Scan# 1862

Delta R.T. -0.04 min

Lab File: BM010220.D

Acq: 25 May 2017 16:56

Instrument :

BNA_M

ClientSampleId :

GMW-8

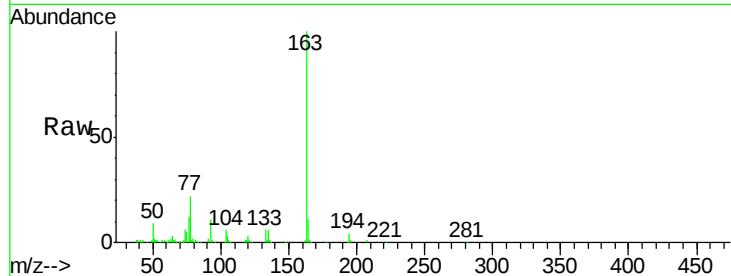
Tgt Ion:163 Resp: 171960

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

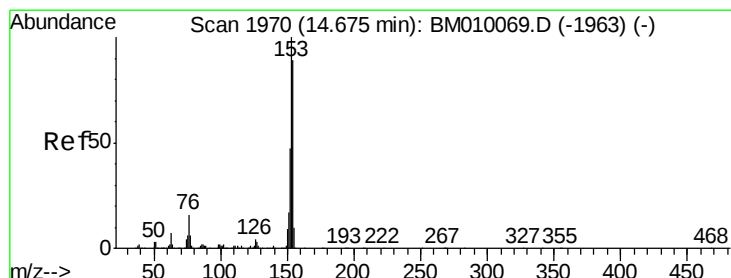
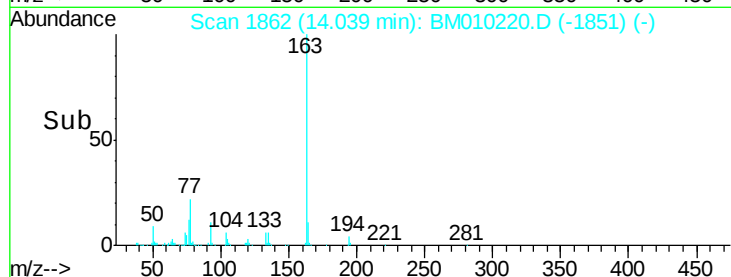
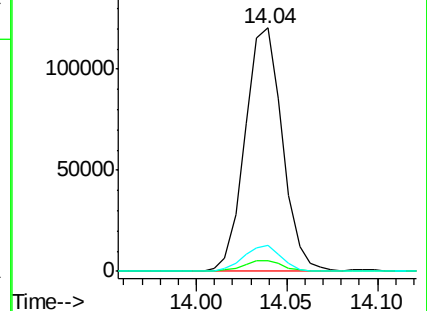
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 2.53 ng

RT: 14.64 min Scan# 1964

Delta R.T. -0.04 min

Lab File: BM010220.D

Acq: 25 May 2017 16:56

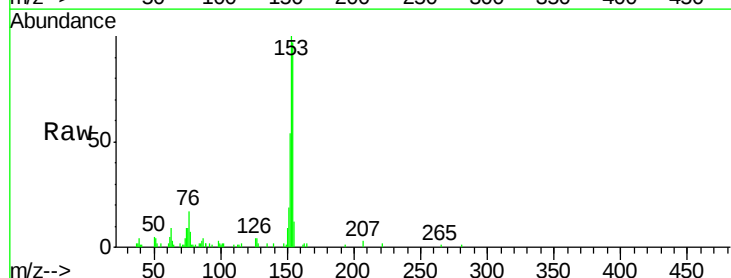
Tgt Ion:154 Resp: 40175

Ion Ratio Lower Upper

154 100

153 103.0 90.0 135.0

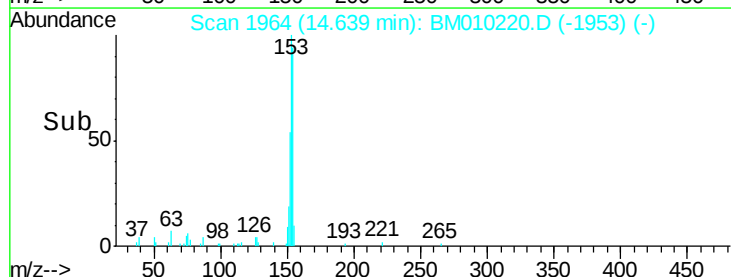
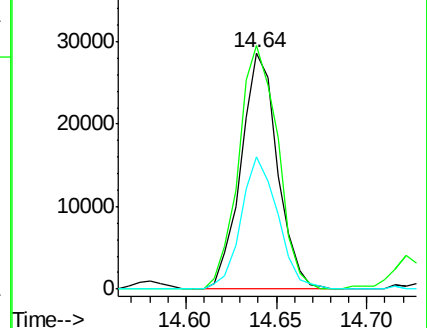
152 56.0 42.6 63.8

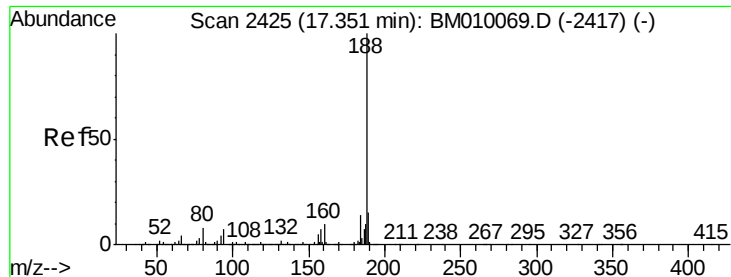


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

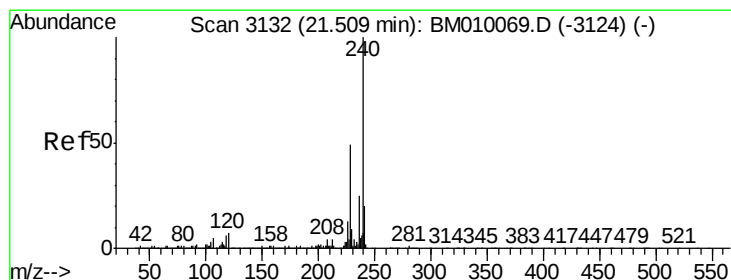
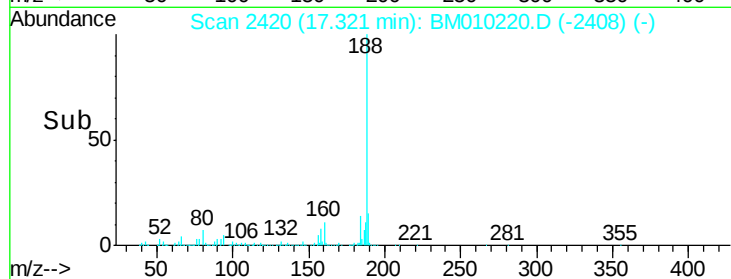
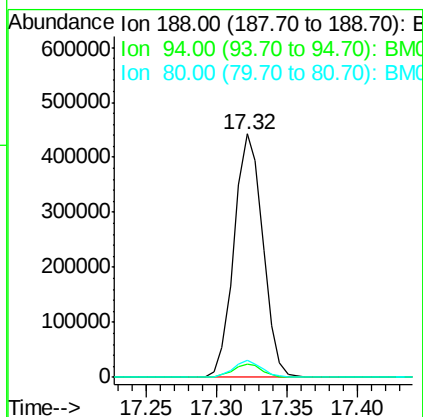
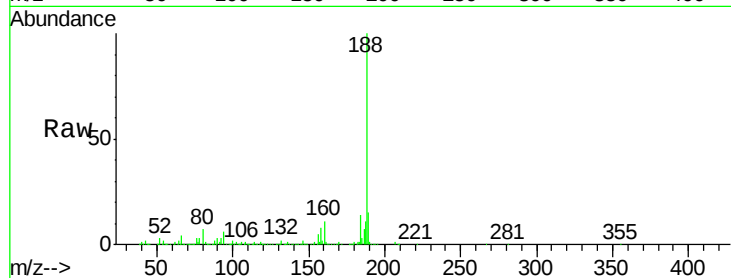




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010220.D
Acq: 25 May 2017 16:56

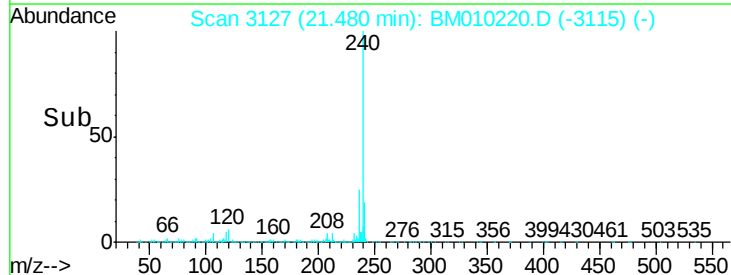
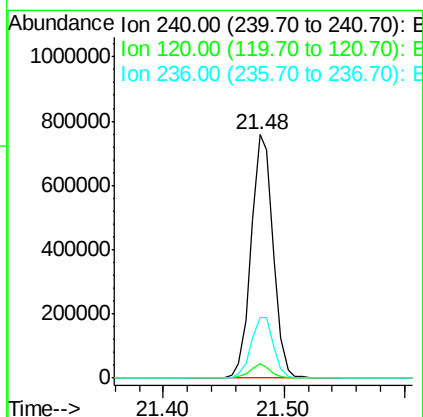
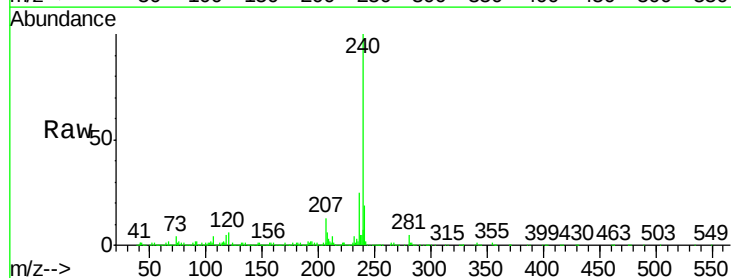
Instrument :
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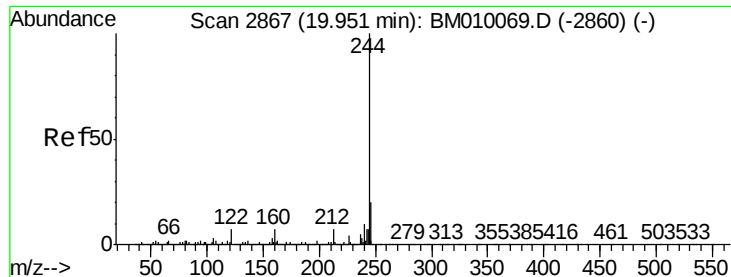
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	8.7	13.1#
80	7.2	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010220.D
Acq: 25 May 2017 16:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	8.2	12.2#
236	25.1	20.0	30.0





#78

Terphenyl-d14

Concen: 93.51 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010220.D

Acq: 25 May 2017 16:56

Instrument :

BNA_M

ClientSampleId :

GMW-8

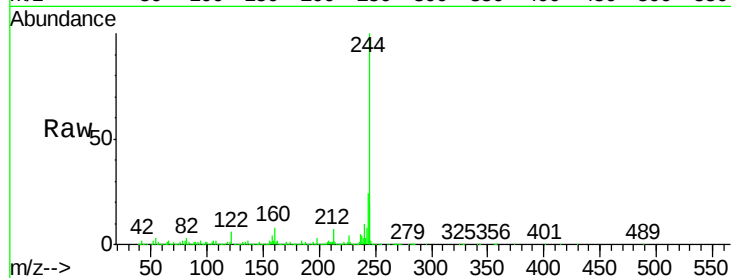
Tgt Ion:244 Resp: 3969194

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

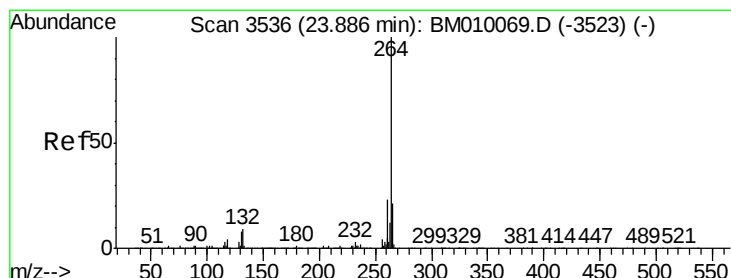
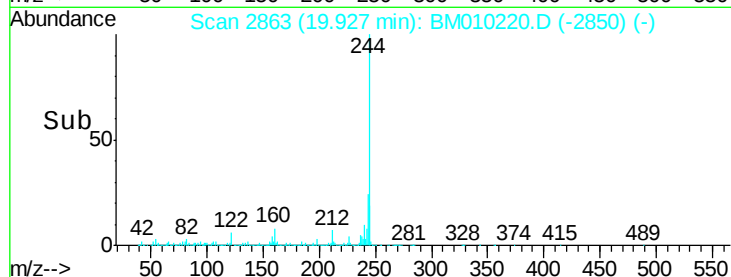
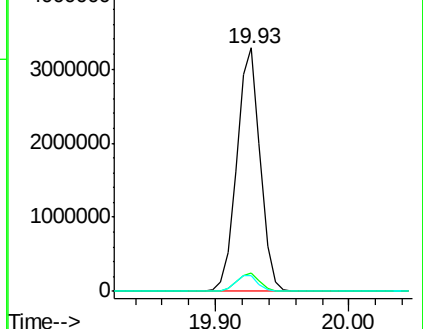
122 6.2 6.2 9.4#



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: 23.84 min Scan# 3529

Delta R.T. -0.04 min

Lab File: BM010220.D

Acq: 25 May 2017 16:56

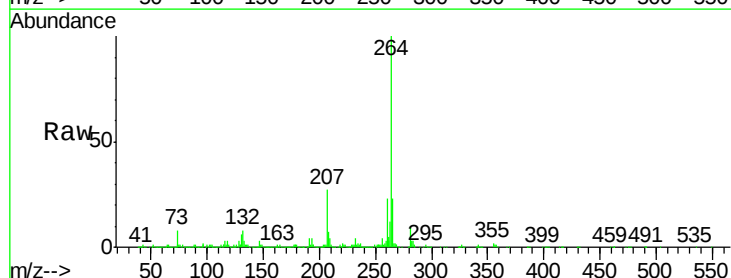
Tgt Ion:264 Resp: 1077039

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.9 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

