

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
 Data File : BM010988.D
 Acq On : 27 Jul 2017 01:36
 Operator : SJ/JU
 Sample : I4400-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB02B

Quant Time: Jul 27 08:50:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

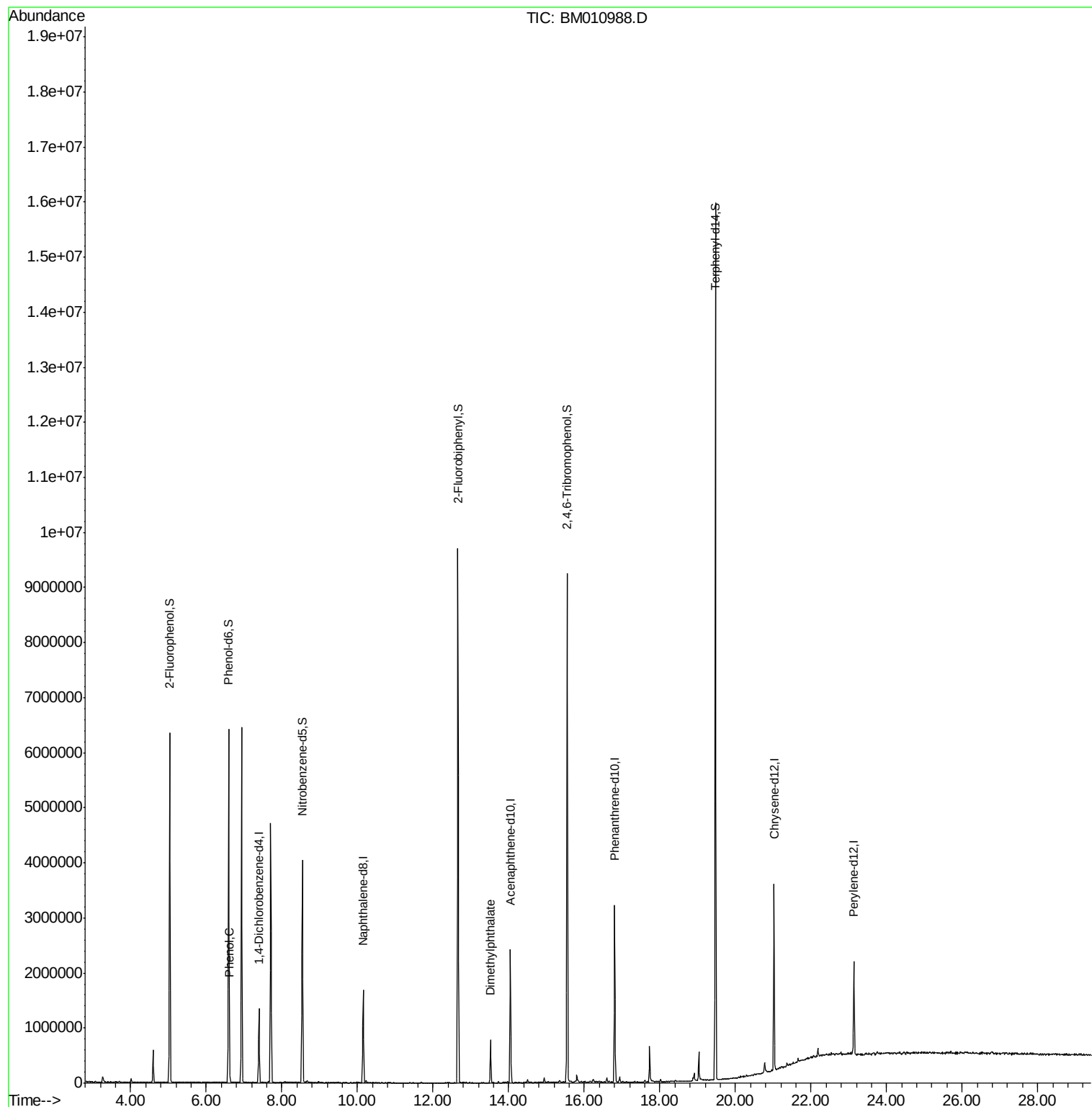
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	282071	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	1063869	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	708318	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1668758	20.00	ng	0.00
75) Chrysene-d12	21.02	240	1591376	20.00	ng	0.00
86) Perylene-d12	23.14	264	1176428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	2024743	121.34	ng	0.00
7) Phenol-d6	6.59	99	2809435	118.50	ng	0.00
23) Nitrobenzene-d5	8.54	82	2257528	79.64	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1324263	116.65	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	4382262	77.59	ng	0.00
78) Terphenyl-d14	19.47	244	6057577	75.40	ng	0.00
Target Compounds						
10) Phenol	6.62	94	105984	4.116	ng	94
49) Dimethylphthalate	13.52	163	399848	6.599	ng	# 96

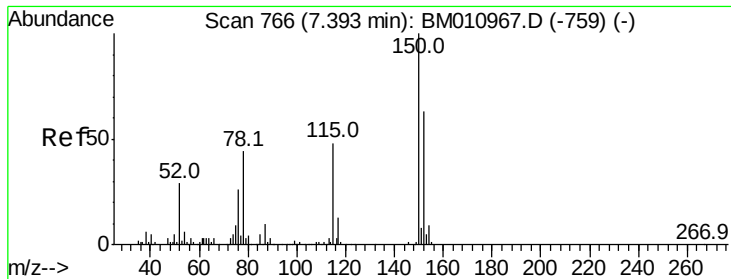
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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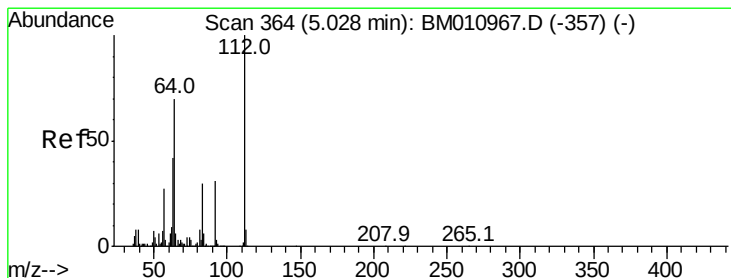
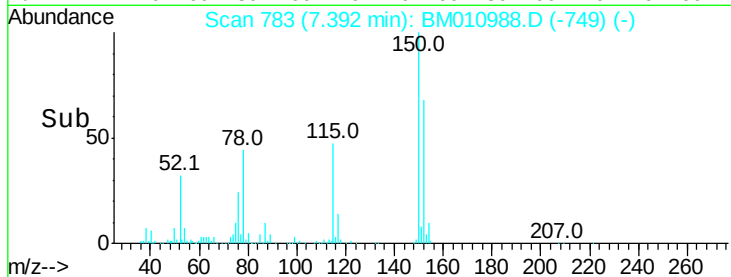
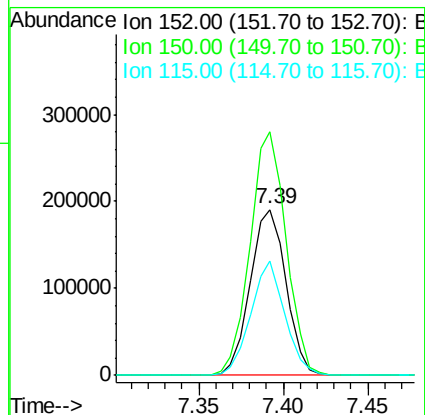
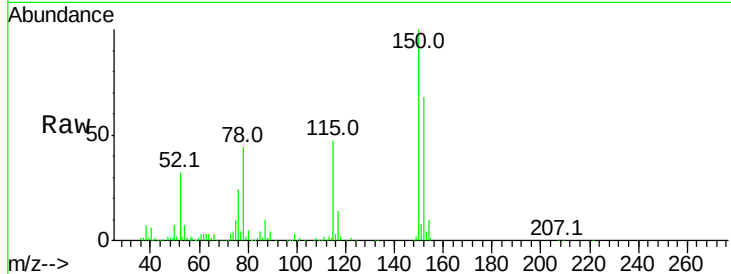


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM010988.D
Acq: 27 Jul 2017 01:36

Instrument :
BNA_M
ClientSampleId :
SB02B

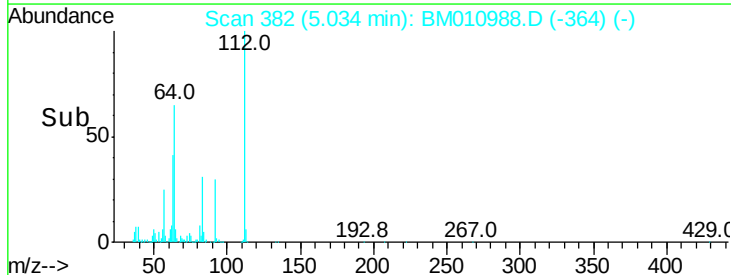
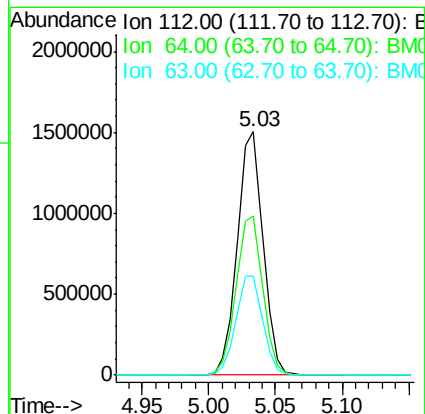
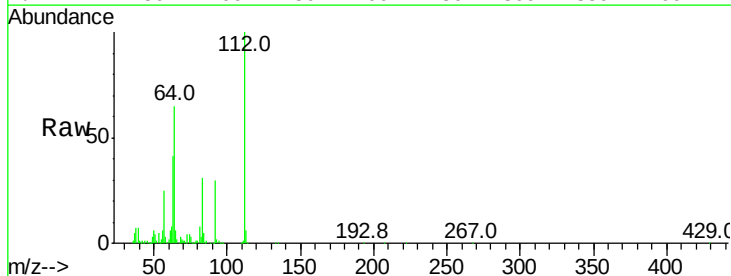
Tot Ion:152 Resp: 282071
Ion Ratio Lower Upper
152 100
150 146.7 119.5 179.3
115 68.7 43.0 64.4#

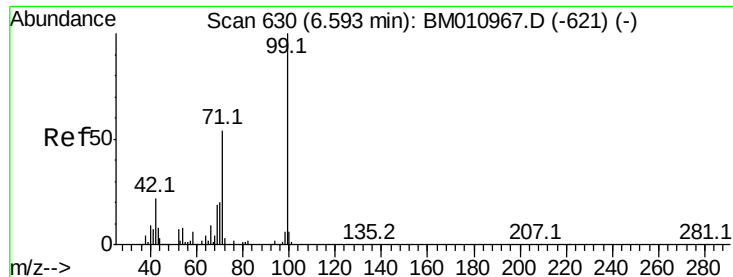


#5

2-Fluorophenol
Concen: 121.342 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM010988.D
Acq: 27 Jul 2017 01:36

Tgt Ion:112 Resp: 2024743
Ion Ratio Lower Upper
112 100
64 65.2 38.6 57.8#
63 40.5 19.3 28.9#





#7

Phenol-d6

Concen: 118.501 ng

RT: 6.59 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM010988.D

Acq: 27 Jul 2017 01:36

Instrument :

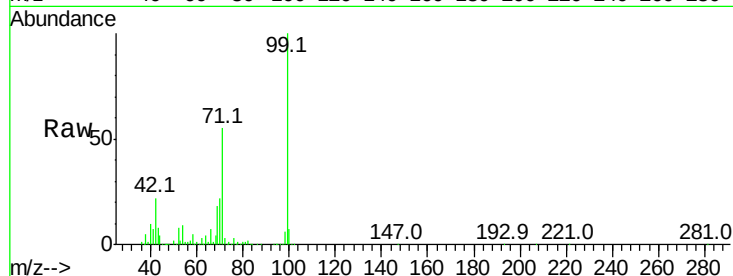
BNA_M

ClientSampleId :

SB02B

Tot Ion: 99 Resp: 2809435

Ion	Ratio	Lower	Upper
99	100		
42	22.0	11.0	16.4#
71	55.4	23.4	35.2#

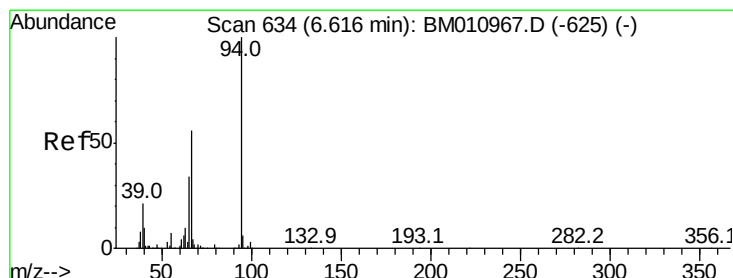
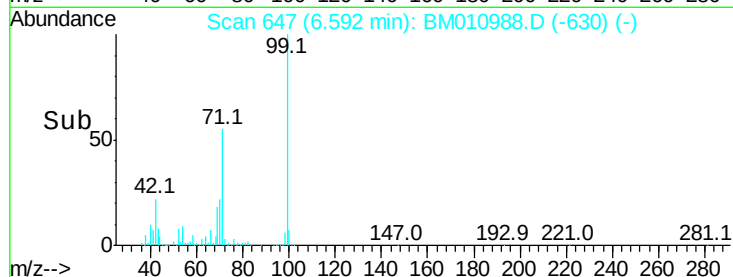
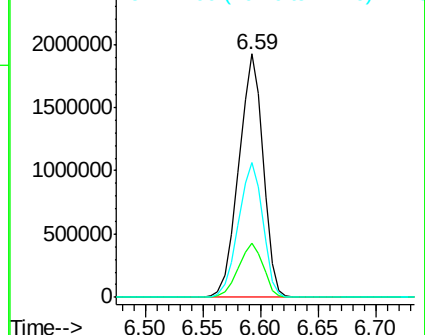


Abundance

Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#10

Phenol

Concen: 4.116 ng

RT: 6.62 min Scan# 651

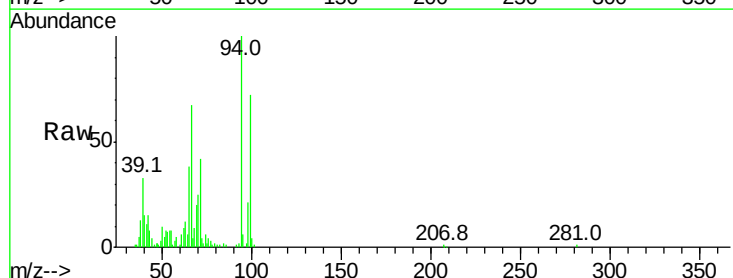
Delta R.T. -0.00 min

Lab File: BM010988.D

Acq: 27 Jul 2017 01:36

Tgt Ion: 94 Resp: 105984

Ion	Ratio	Lower	Upper
94	100		
65	37.9	18.8	58.8
66	67.3	39.9	79.9

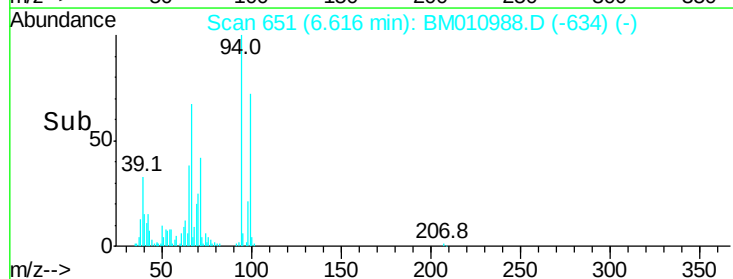
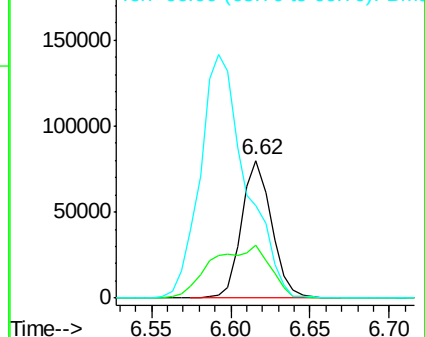


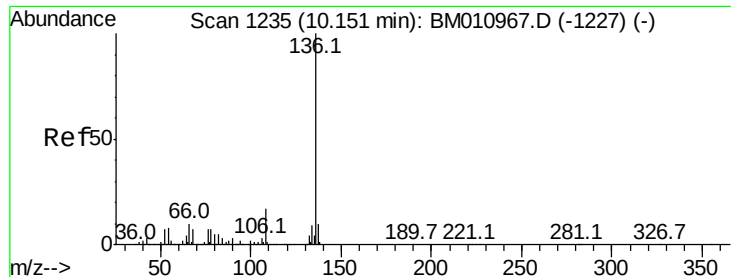
Abundance

Ion 94.00 (93.70 to 94.70): BM010967.D (-625) (-)

Ion 65.00 (64.70 to 65.70): BM010967.D (-625) (-)

Ion 66.00 (65.70 to 66.70): BM010967.D (-625) (-)

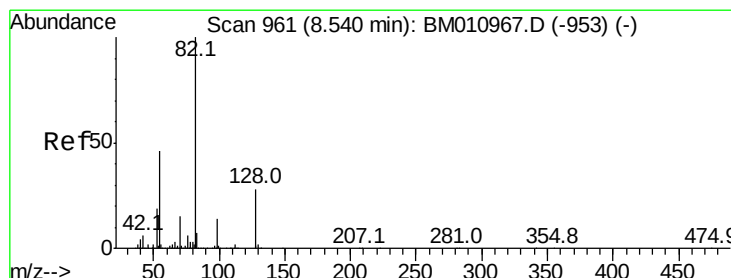
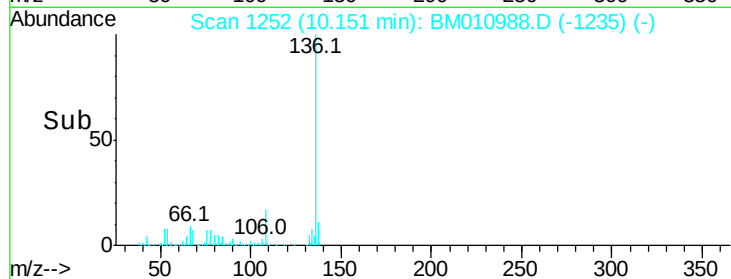
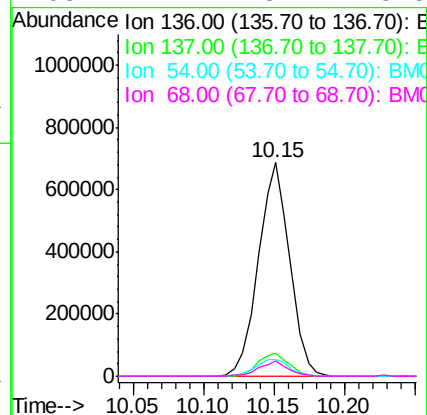
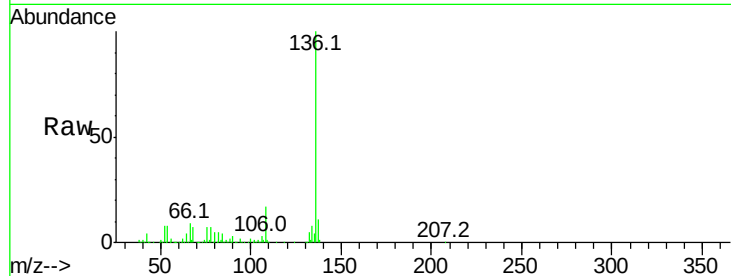




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM010988.D
Acq: 27 Jul 2017 01:36

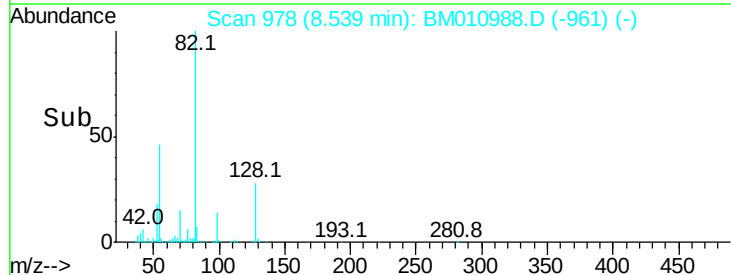
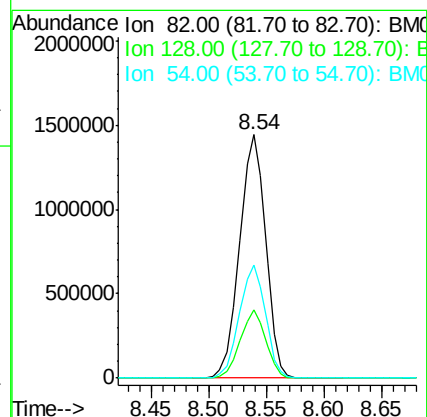
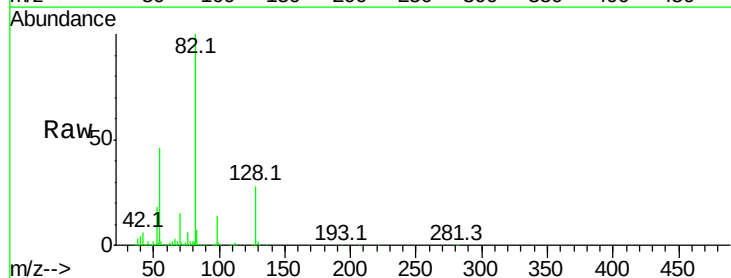
Instrument :
BNA_M
ClientSampleId :
SB02B

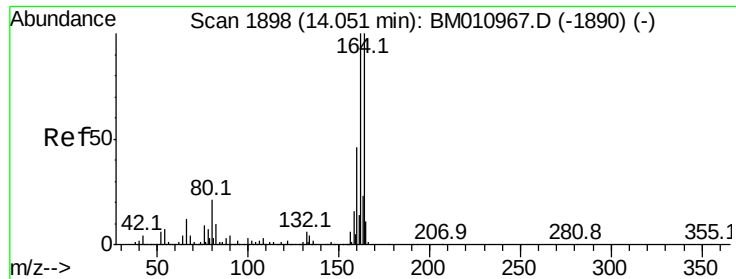
Tot Ion:136 Resp: 1063869
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.0 4.6 6.8#
68 7.1 3.7 5.5#



#23
Nitrobenzene-d5
Concen: 79.642 ng
RT: 8.54 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM010988.D
Acq: 27 Jul 2017 01:36

Tgt Ion: 82 Resp: 2257528
Ion Ratio Lower Upper
82 100
128 28.1 32.8 49.2#
54 46.3 40.6 60.8





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.05 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BM010988.D

Acq: 27 Jul 2017 01:36

Instrument :

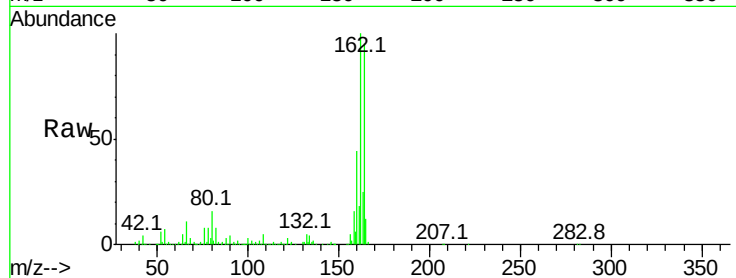
BNA_M

ClientSampleId :

SB02B

Tot Ion:164 Resp: 708318

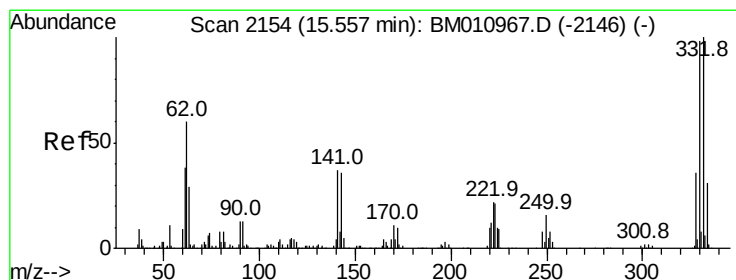
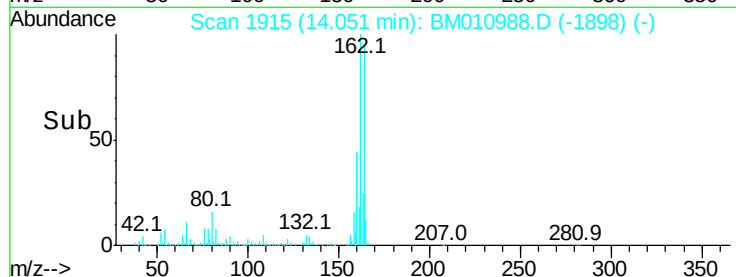
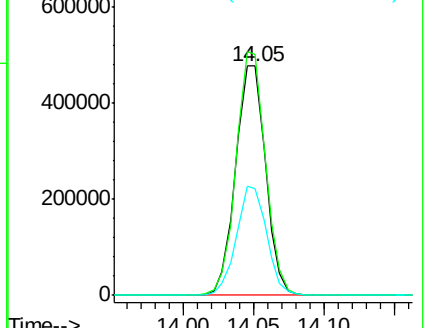
Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.4	123.6
160	46.7	35.8	53.6



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: 116.646 ng

RT: 15.55 min Scan# 2170

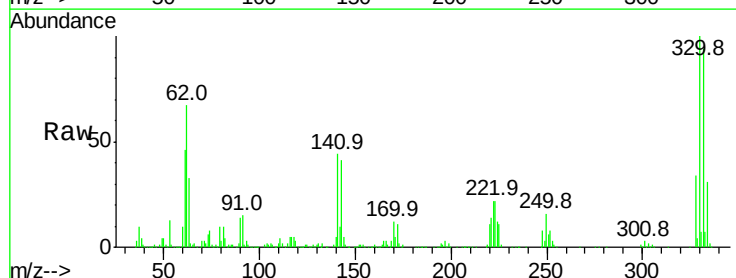
Delta R.T. -0.01 min

Lab File: BM010988.D

Acq: 27 Jul 2017 01:36

Tgt Ion:330 Resp: 1324263

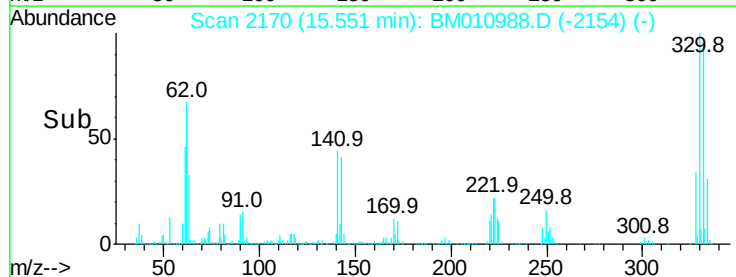
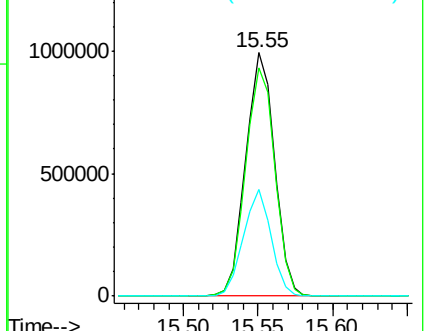
Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	42.5	0.0	0.0#

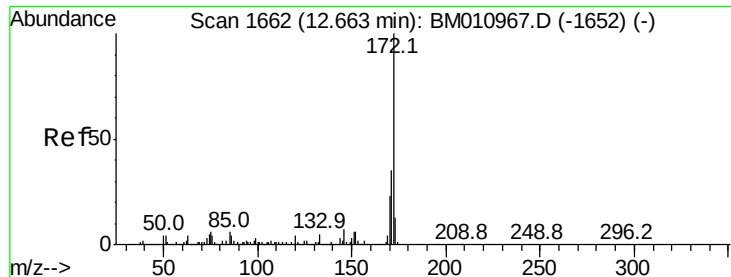


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

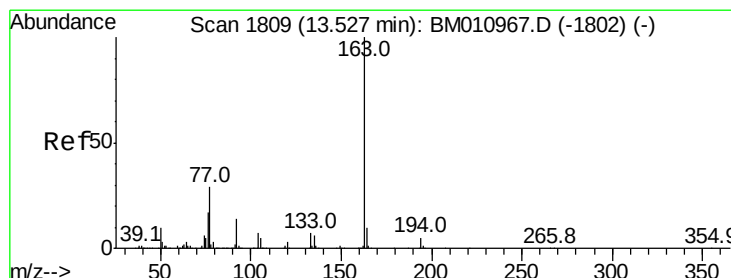
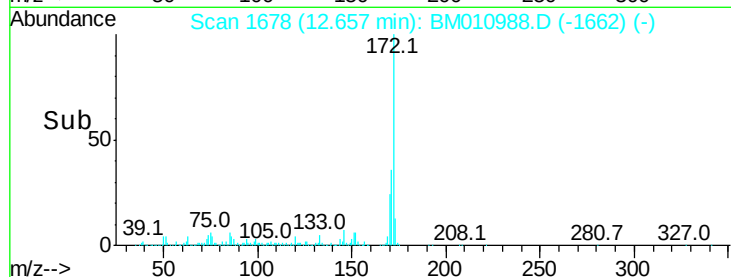
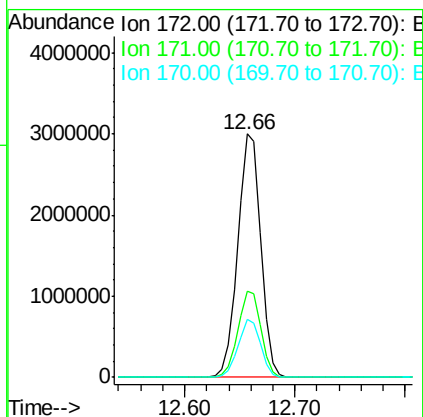
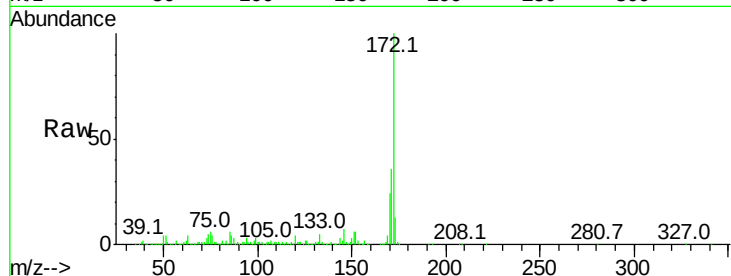




#44
2-Fluorobiphenyl
Concen: 77.592 ng
RT: 12.66 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM010988.D
Acq: 27 Jul 2017 01:36

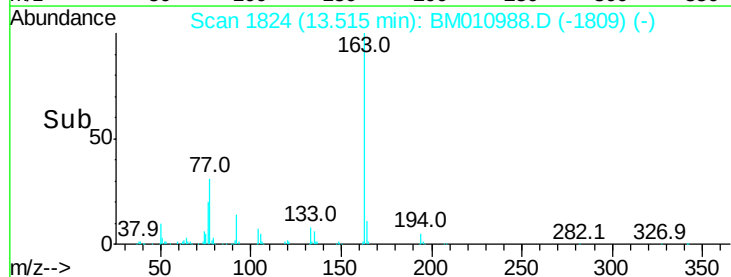
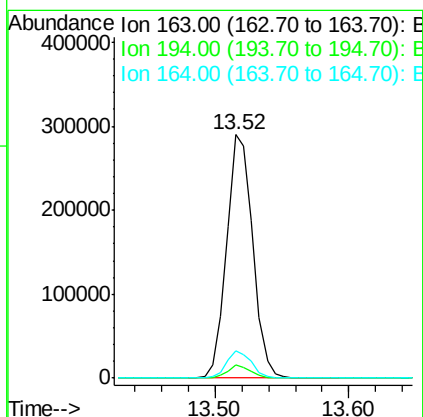
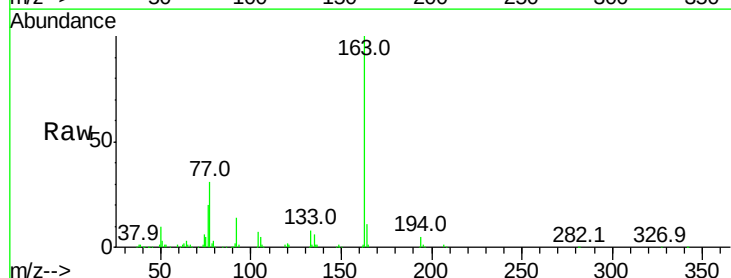
Instrument :
BNA_M
ClientSampleId :
SB02B

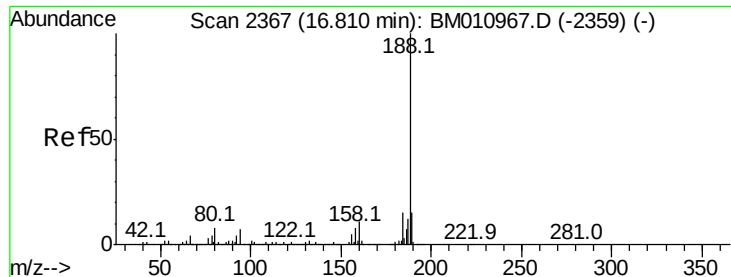
Tot Ion:172 Resp: 4382262
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.6 18.8 28.2



#49
Dimethylphthalate
Concen: 6.599 ng
RT: 13.52 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM010988.D
Acq: 27 Jul 2017 01:36

Tgt Ion:163 Resp: 399848
Ion Ratio Lower Upper
163 100
194 5.2 2.7 4.1#
164 11.4 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.80 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM010988.D

Acq: 27 Jul 2017 01:36

Instrument :

BNA_M

ClientSampleId :

SB02B

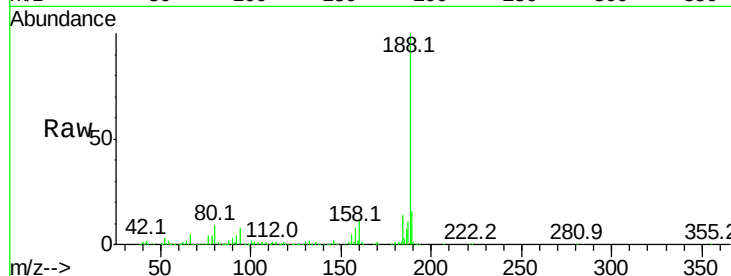
Tot Ion:188 Resp: 1668758

Ion Ratio Lower Upper

188 100

94 7.6 8.7 13.1#

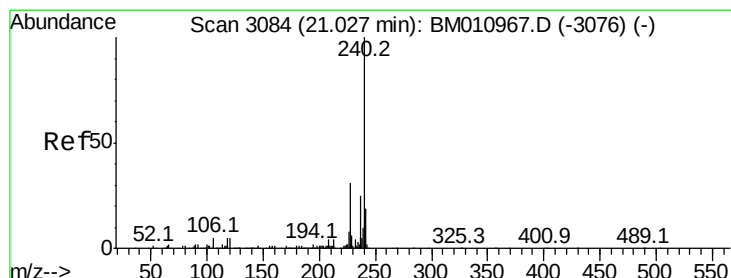
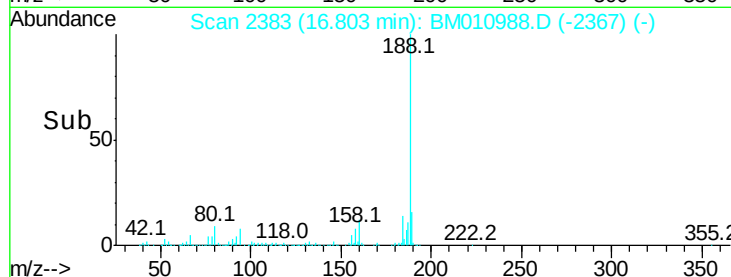
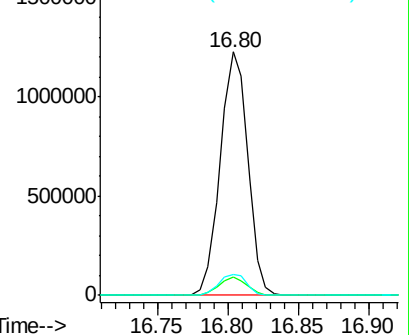
80 8.8 9.3 13.9#



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: 20.000 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM010988.D

Acq: 27 Jul 2017 01:36

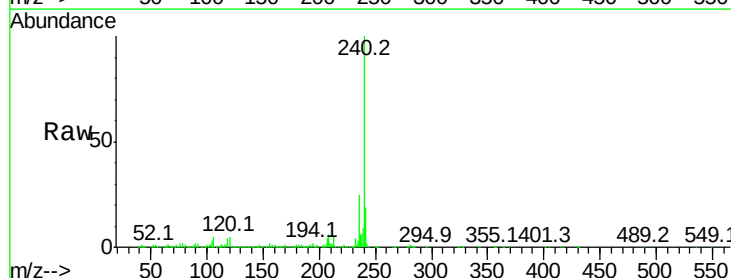
Tgt Ion:240 Resp: 1591376

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

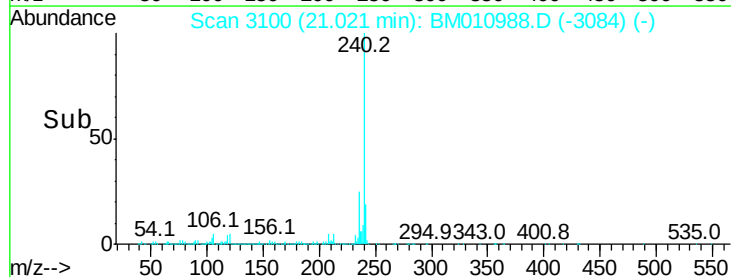
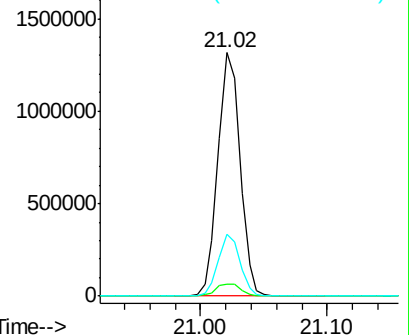
236 25.4 20.0 30.0

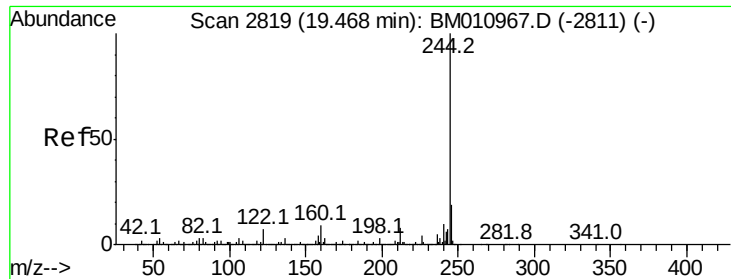


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.402 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM010988.D

Acq: 27 Jul 2017 01:36

Instrument :

BNA_M

ClientSampleId :

SB02B

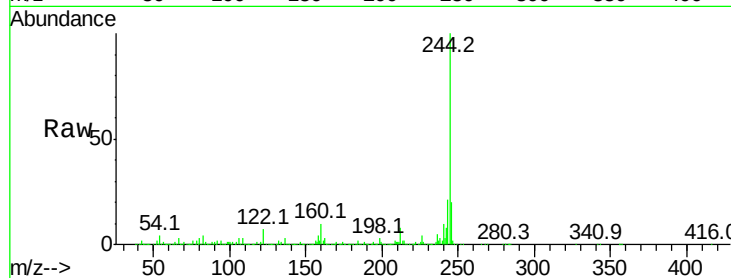
Tot Ion:244 Resp: 6057577

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

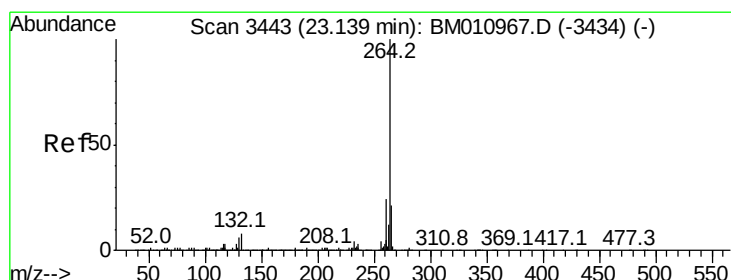
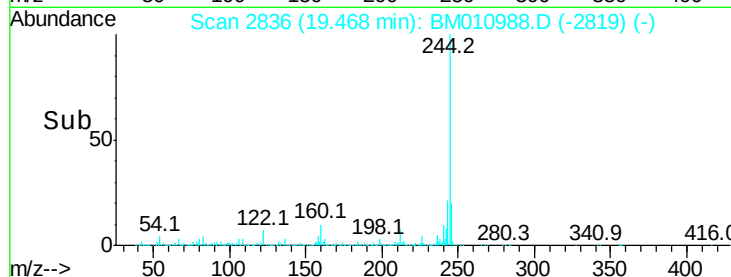
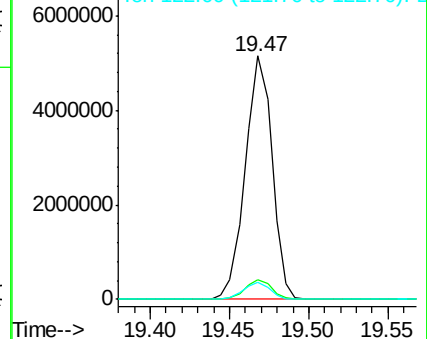
122 7.0 6.2 9.4



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: 20.000 ng

RT: 23.14 min Scan# 3460

Delta R.T. -0.00 min

Lab File: BM010988.D

Acq: 27 Jul 2017 01:36

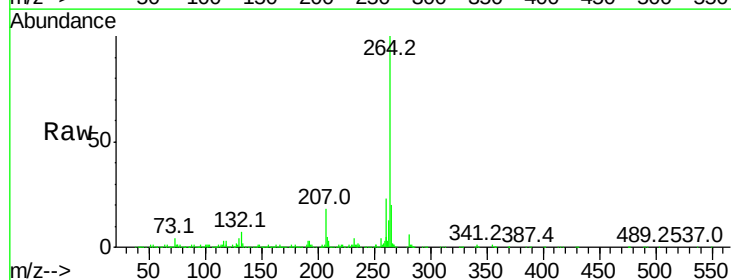
Tgt Ion:264 Resp: 1176428

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 20.3 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

