

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
 Data File : BM009463.D
 Acq On : 30 Mar 2017 22:33
 Operator : SJ/MA
 Sample : I2436-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 1A-9-11

Quant Time: Mar 31 08:54:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

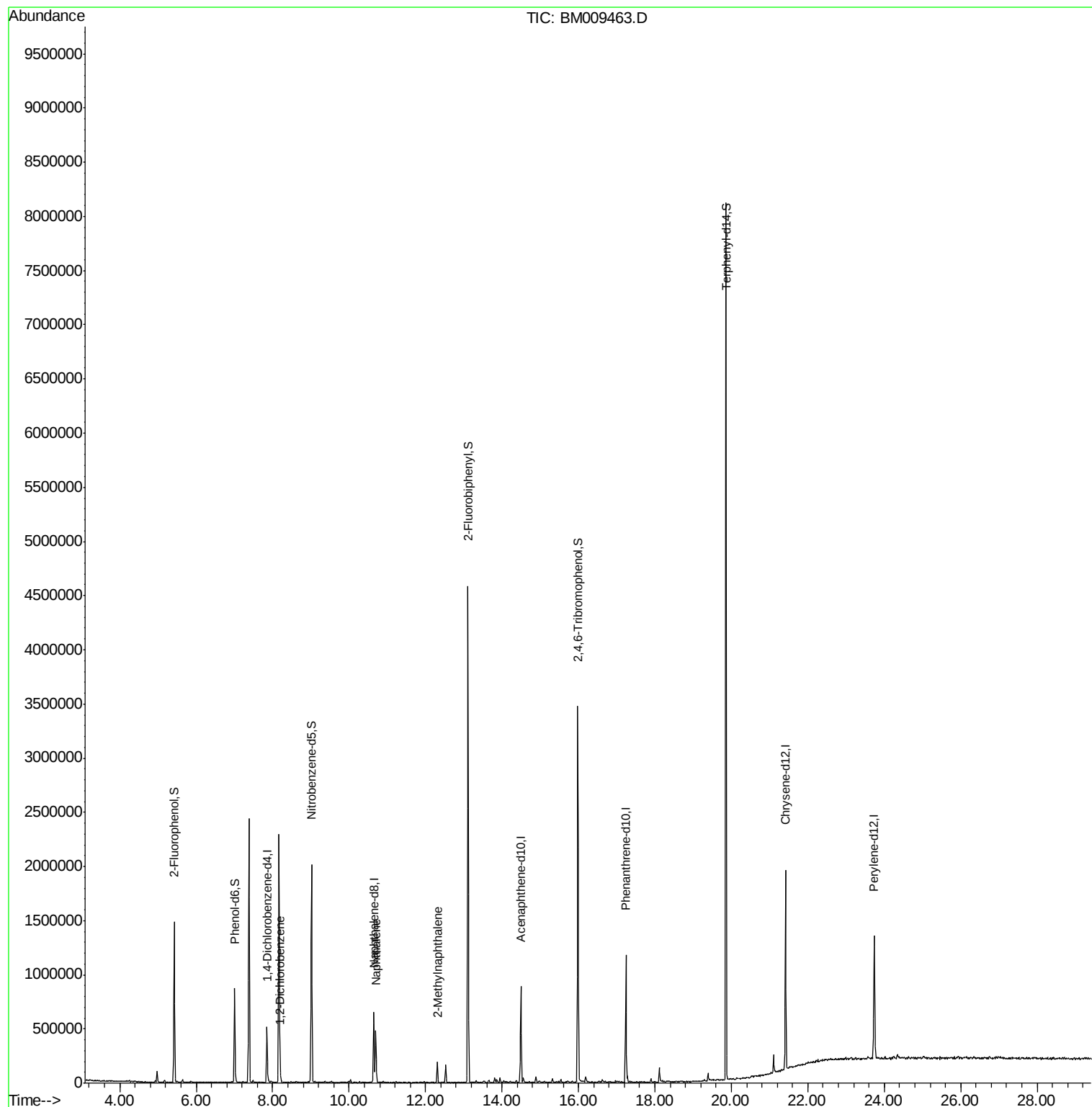
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	117735	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	455720	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	259772	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	640725	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	852288	20.00	ng	-0.01
86) Perylene-d12	23.74	264	789400	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	490335	69.42	ng	-0.01
7) Phenol-d6	7.00	99	408212	42.38	ng	-0.02
23) Nitrobenzene-d5	9.02	82	1120791	92.21	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	520946	161.43	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2097716	97.30	ng	-0.01
78) Terphenyl-d14	19.86	244	3330859	81.67	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	8.20	146	25947	3.02	ng	Qvalue # 86
31) Naphthalene	10.70	128	346211	14.31	ng	99
37) 2-Methylnaphthalene	12.30	142	75214	4.50	ng	91

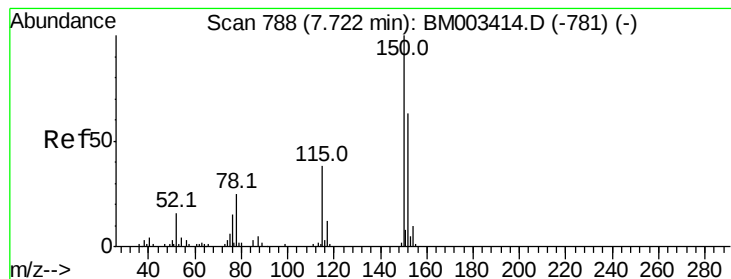
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM009463.D

Acq: 30 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

1A-9-11

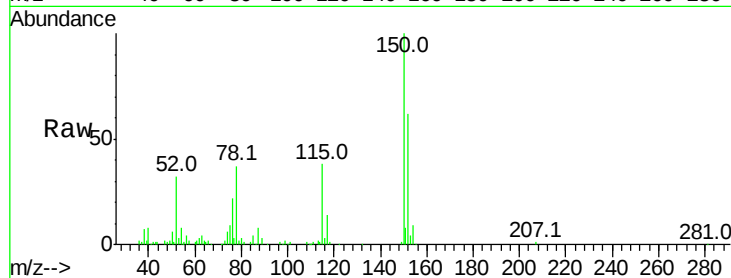
Tot Ion:152 Resp: 117735

Ion Ratio Lower Upper

152 100

150 161.6 119.5 179.3

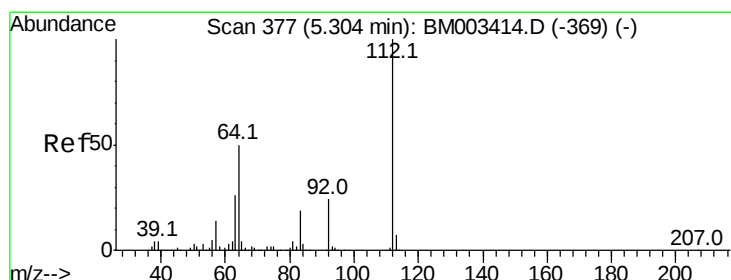
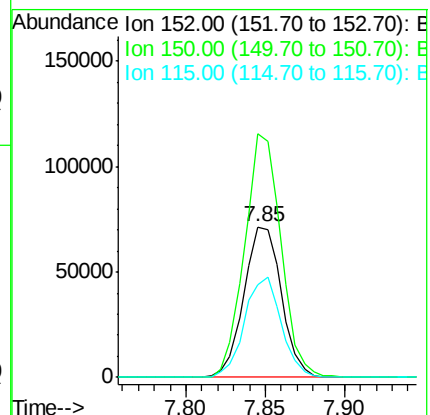
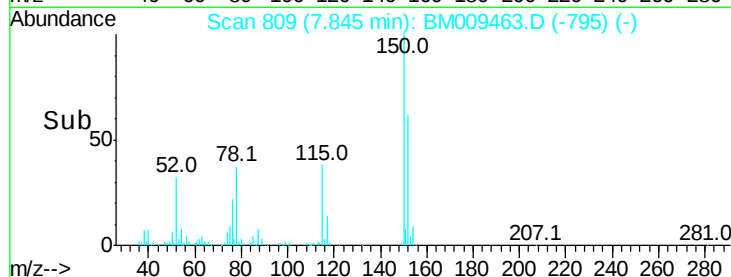
115 61.2 43.0 64.4



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: 69.42 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009463.D

Acq: 30 Mar 2017 22:33

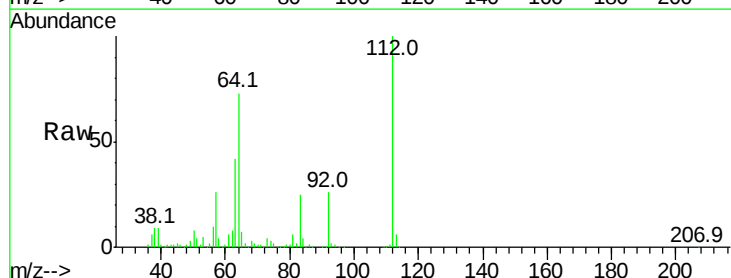
Tgt Ion:112 Resp: 490335

Ion Ratio Lower Upper

112 100

64 72.7 38.6 57.8#

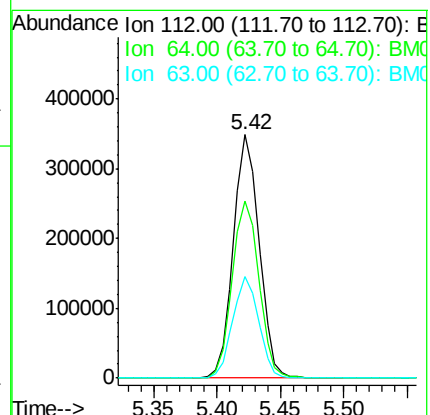
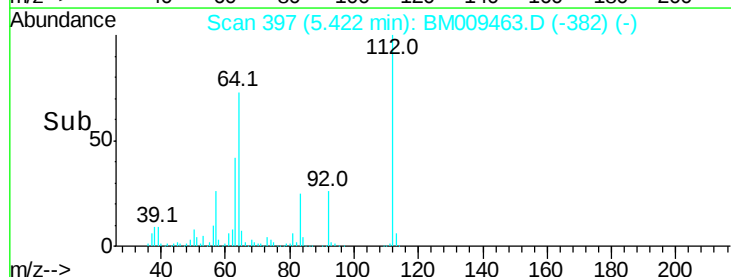
63 41.7 19.3 28.9#

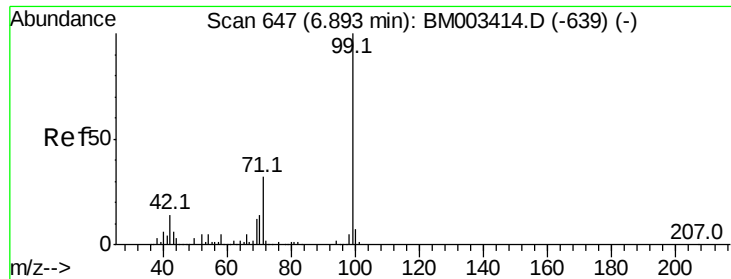


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 42.38 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009463.D

Acq: 30 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

1A-9-11

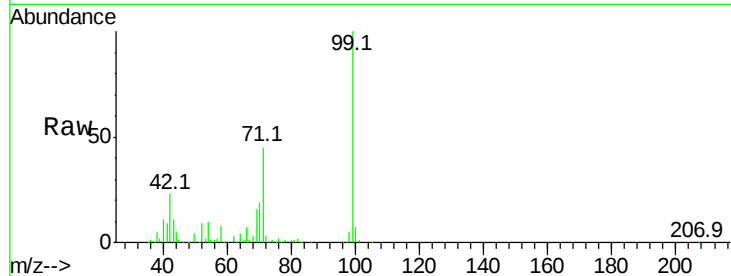
Tot Ion: 99 Resp: 408212

Ion Ratio Lower Upper

99 100

42 23.2 11.0 16.4#

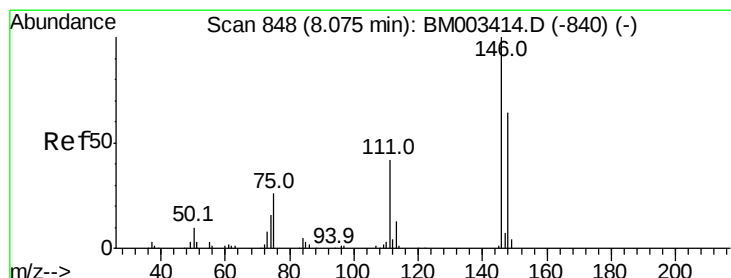
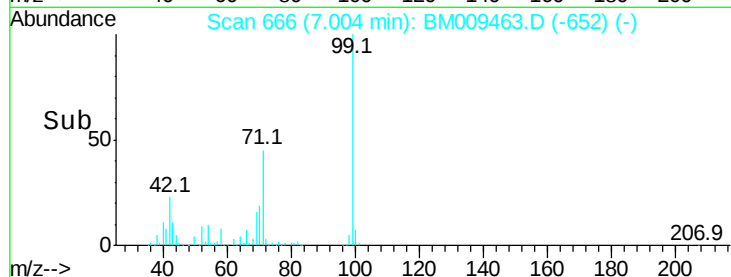
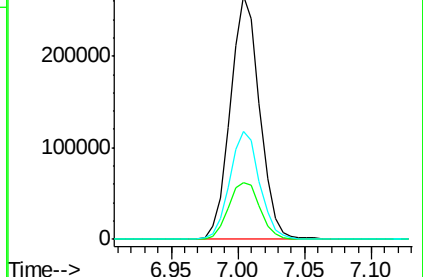
71 44.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#14

1,2-Dichlorobenzene

Concen: 3.02 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM009463.D

Acq: 30 Mar 2017 22:33

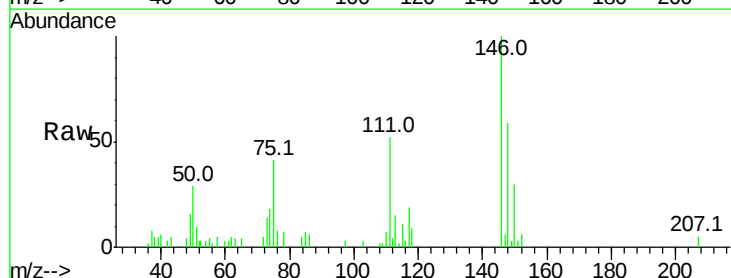
Tgt Ion: 146 Resp: 25947

Ion Ratio Lower Upper

146 100

148 58.8 52.3 78.5

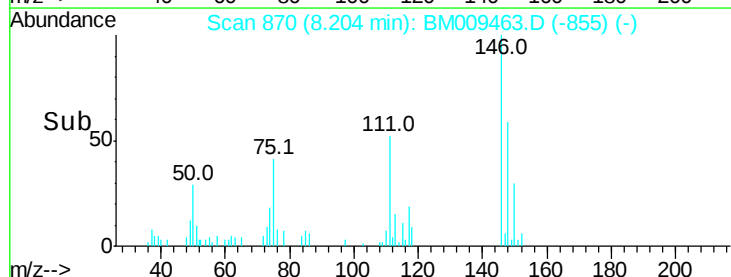
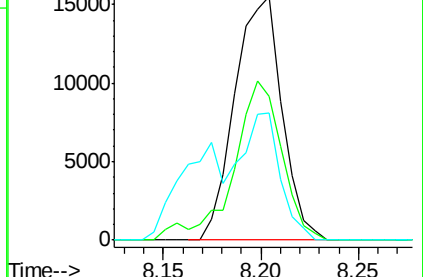
111 52.2 30.6 45.8#

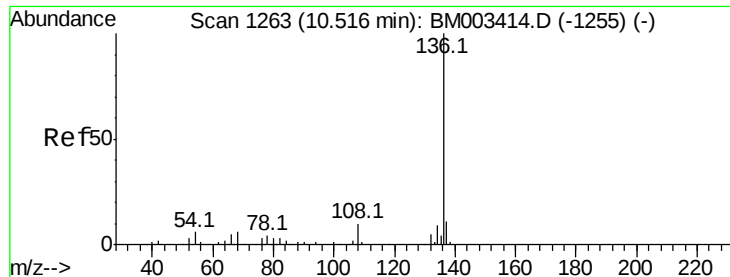


Abundance Ion 146.00 (145.70 to 146.70): BM003414.D (-840) (-)

Ion 148.00 (147.70 to 148.70): BM003414.D (-840) (-)

Ion 111.00 (110.70 to 111.70): BM003414.D (-840) (-)

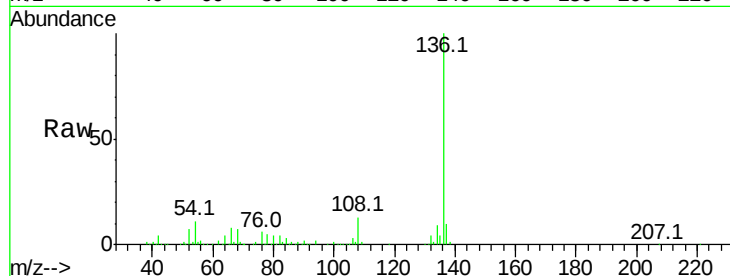




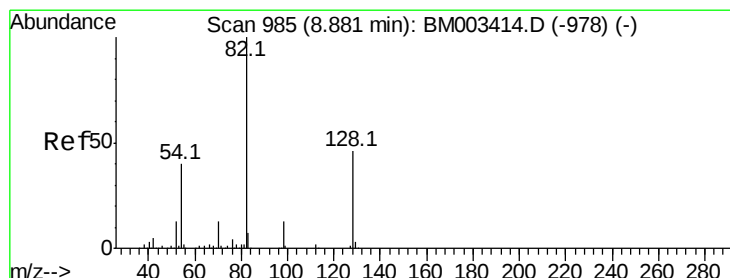
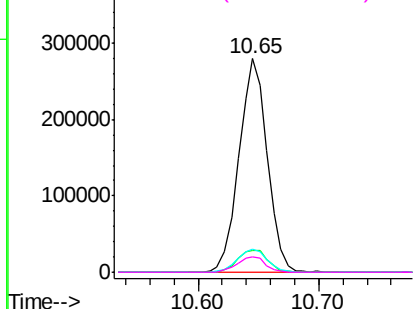
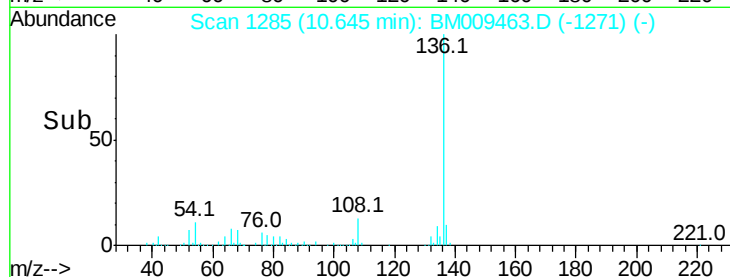
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009463.D
Acq: 30 Mar 2017 22:33

Instrument :
BNA_M
ClientSampleId :
1A-9-11

Tot Ion:136 Resp: 455720
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 11.0 4.6 6.8#
68 7.4 3.7 5.5#

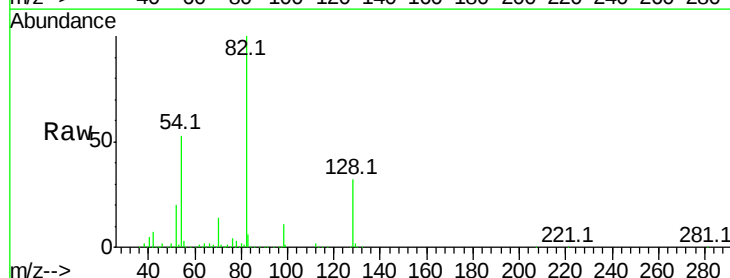


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

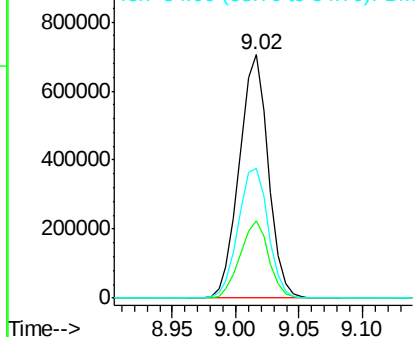
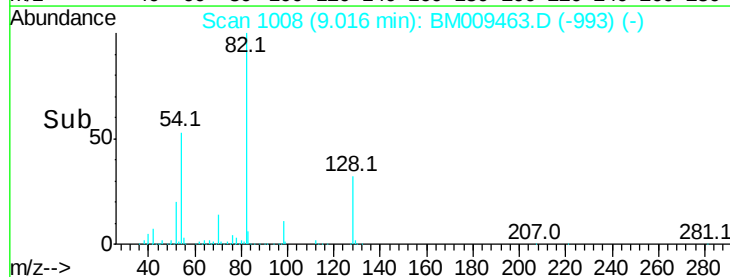


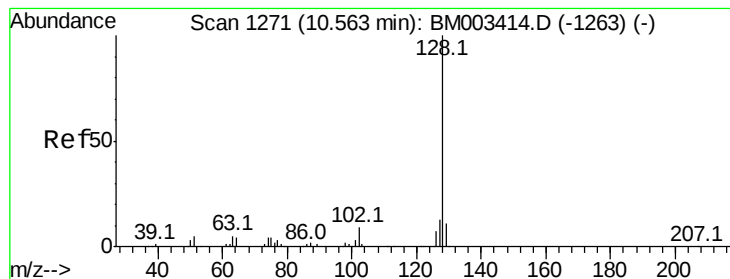
#23
Nitrobenzene-d5
Concen: 92.21 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM009463.D
Acq: 30 Mar 2017 22:33

Tgt Ion: 82 Resp: 1120791
Ion Ratio Lower Upper
82 100
128 31.7 32.8 49.2#
54 53.1 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





#31

Naphthalene

Concen: 14.31 ng

RT: 10.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BM009463.D

Acq: 30 Mar 2017 22:33

Instrument :

BNA_M

ClientSampled :

1A-9-11

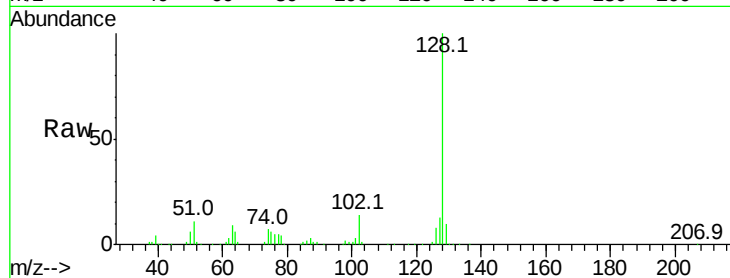
Tot Ion:128 Resp: 346211

Ion Ratio Lower Upper

128 100

129 10.1 8.9 13.3

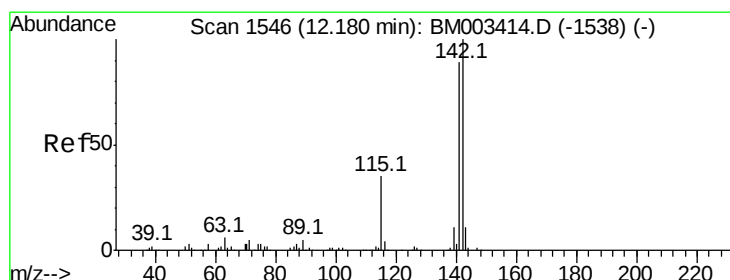
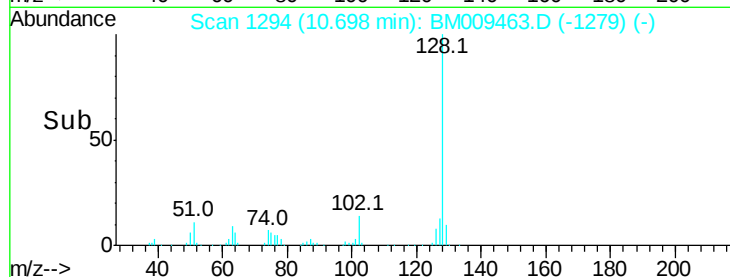
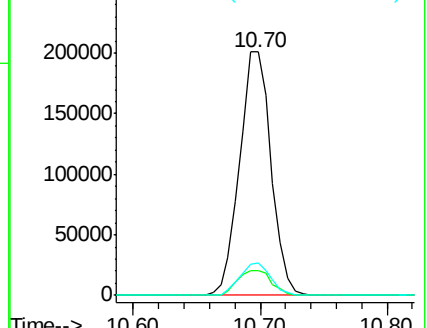
127 13.2 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 4.50 ng

RT: 12.30 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BM009463.D

Acq: 30 Mar 2017 22:33

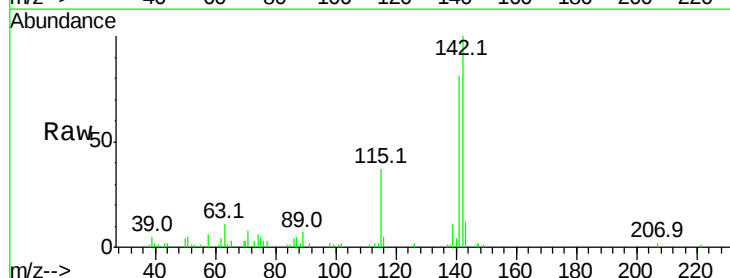
Tgt Ion:142 Resp: 75214

Ion Ratio Lower Upper

142 100

141 81.2 71.9 107.9

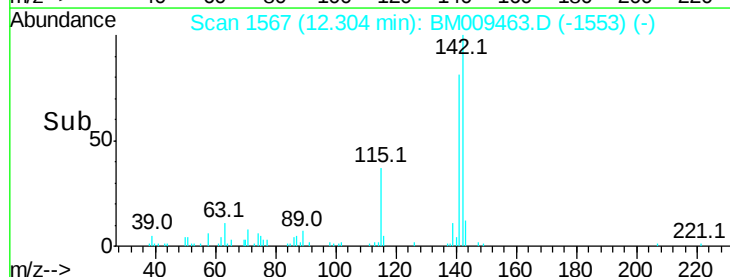
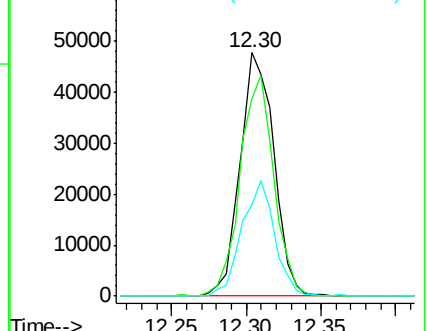
115 37.4 25.4 38.0

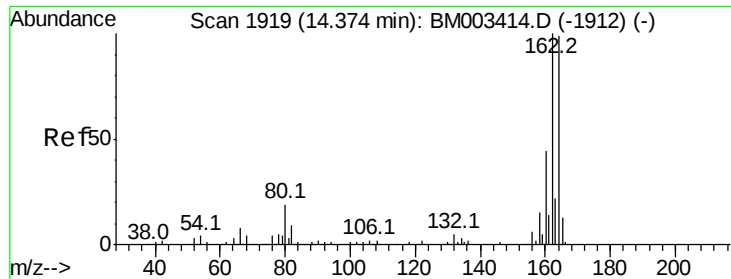


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

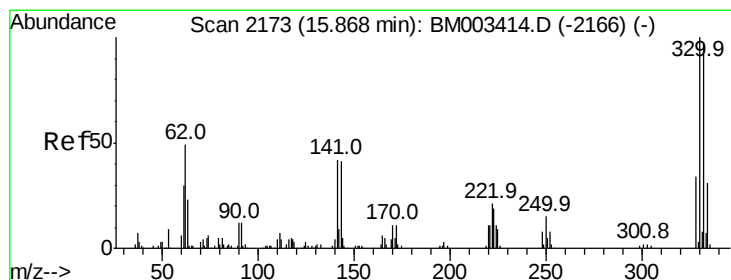
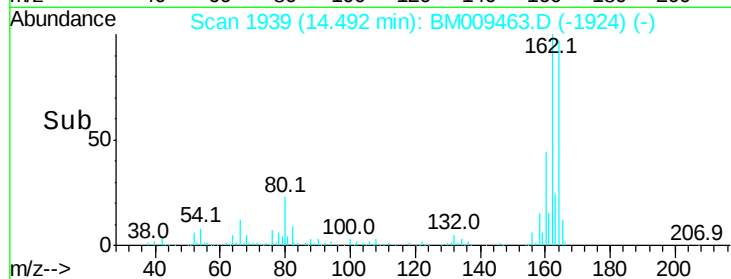
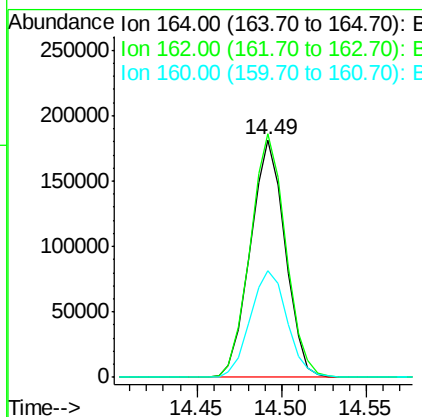
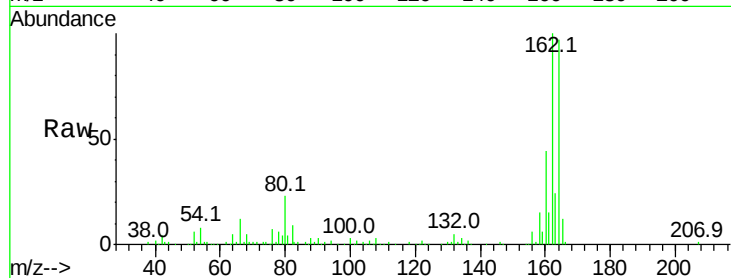




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM009463.D
 Acq: 30 Mar 2017 22:33

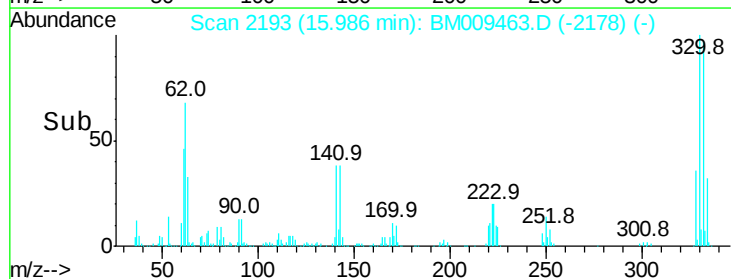
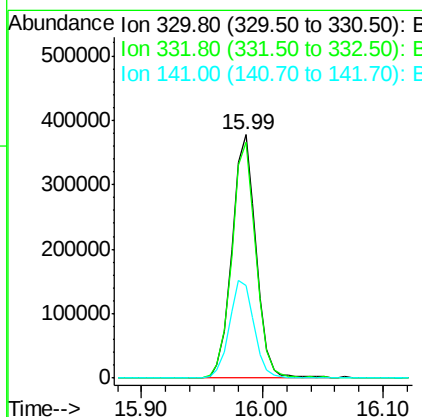
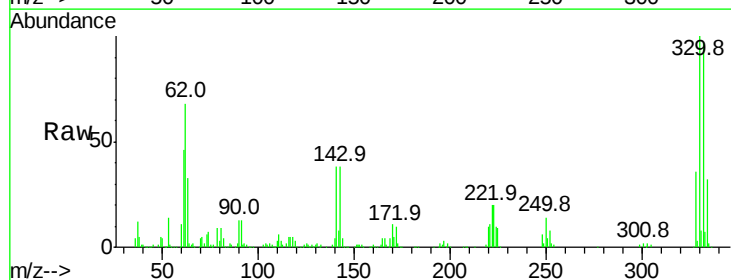
Instrument :
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 1A-9-11

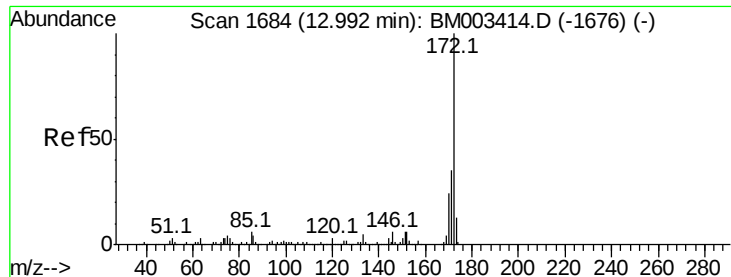
Tot Ion:164 Resp: 259772
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.4 123.6
 160 44.9 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 161.43 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009463.D
 Acq: 30 Mar 2017 22:33

Tgt Ion:330 Resp: 520946
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 41.3 0.0 0.0#

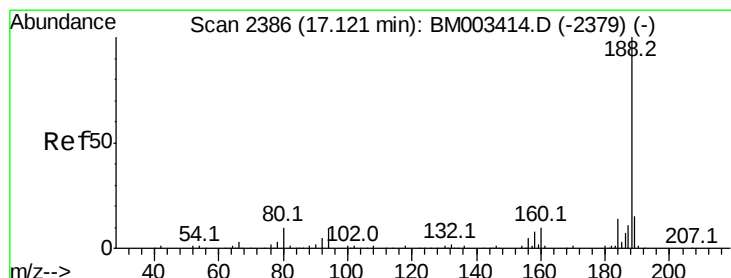
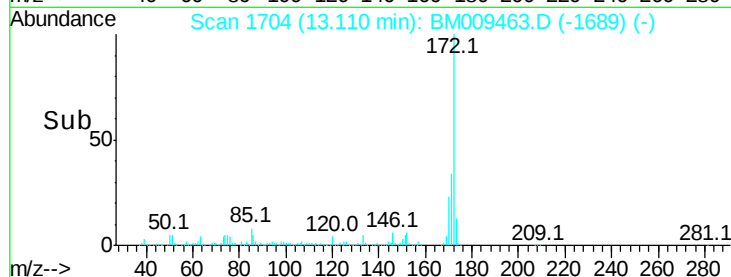
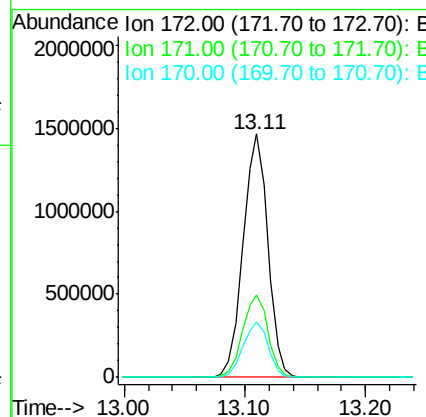
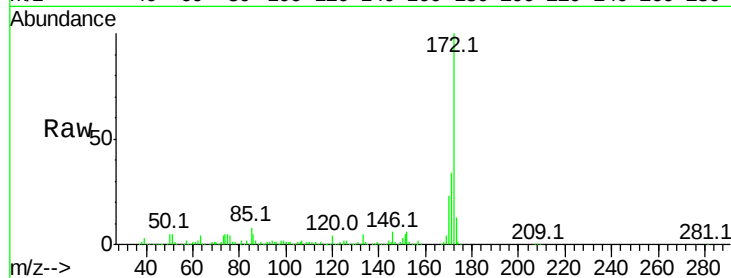




#44
2-Fluorobiphenyl
Concen: 97.30 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009463.D
Acq: 30 Mar 2017 22:33

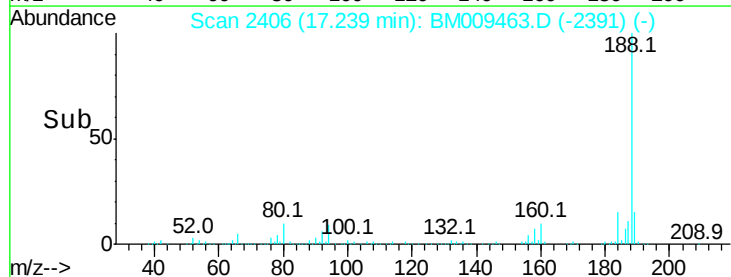
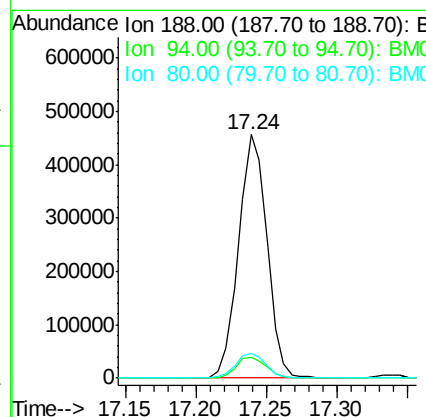
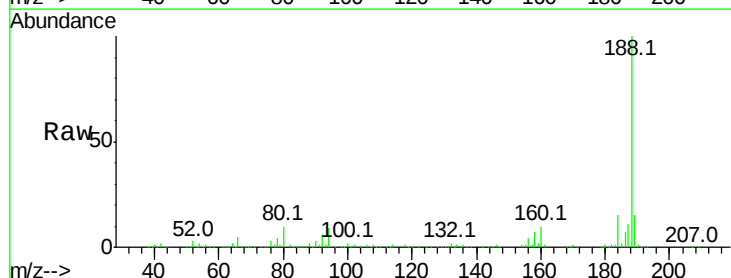
Instrument :
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1A-9-11

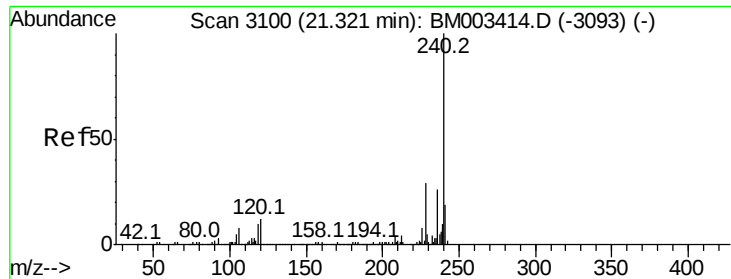
Tot Ion:172 Resp: 2097716
Ion Ratio Lower Upper
172 100
171 33.9 28.5 42.7
170 22.7 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009463.D
Acq: 30 Mar 2017 22:33

Tgt Ion:188 Resp: 640725
Ion Ratio Lower Upper
188 100
94 8.8 8.7 13.1
80 10.1 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009463.D

Acq: 30 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

1A-9-11

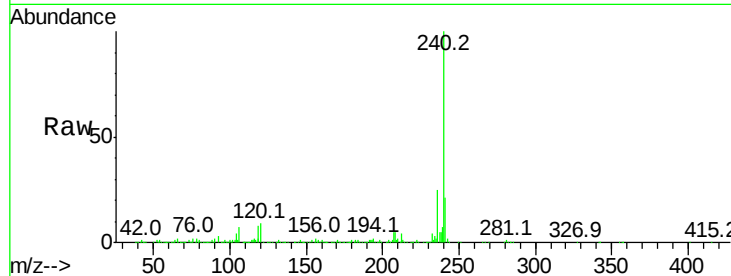
Tot Ion:240 Resp: 852288

Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

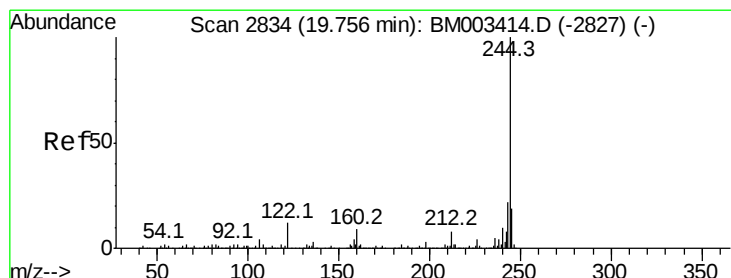
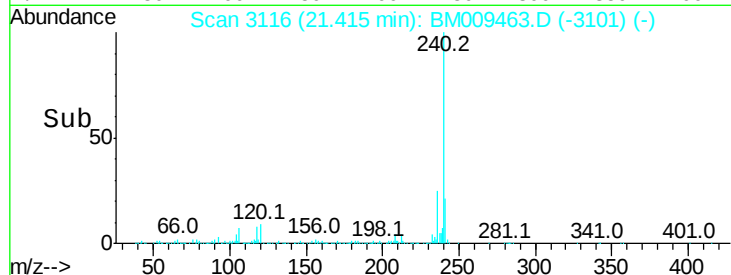
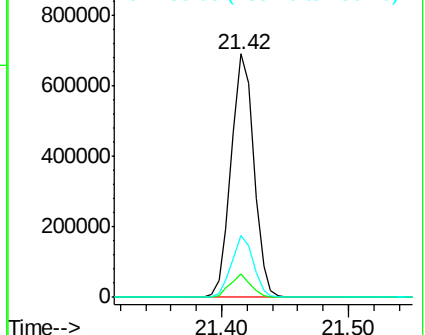
236 25.3 20.0 30.0



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: 81.67 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009463.D

Acq: 30 Mar 2017 22:33

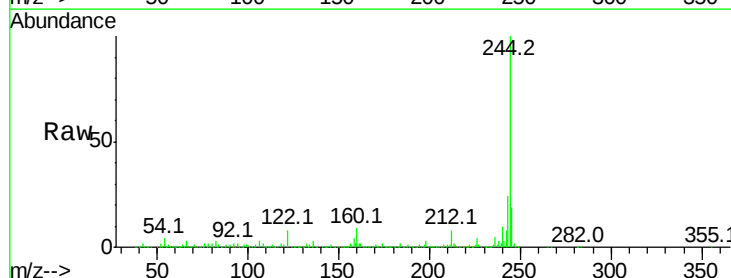
Tgt Ion:244 Resp: 3330859

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

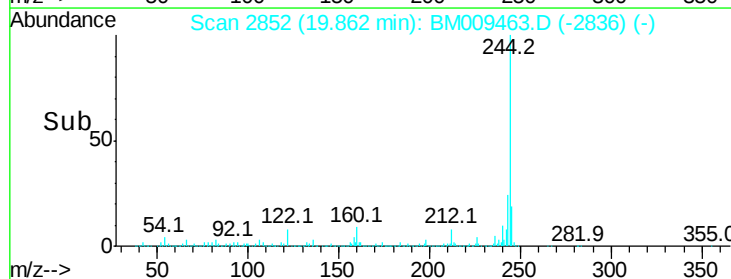
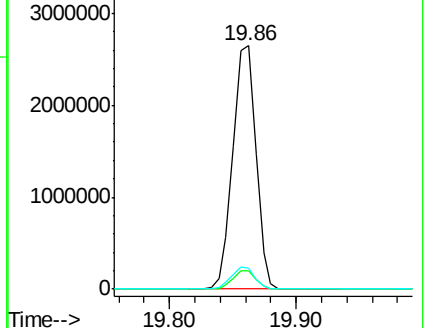
122 8.3 6.2 9.4

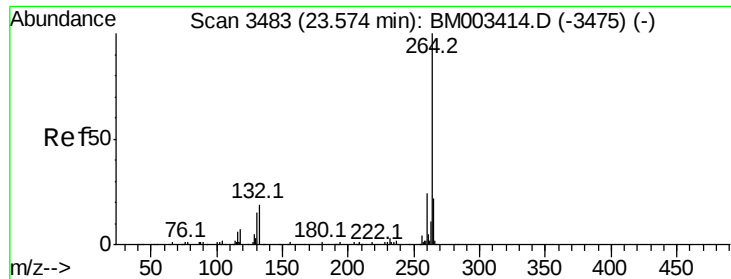


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009463.D
 Acq: 30 Mar 2017 22:33

Instrument :
 BNA_M
 ClientSampleId :
 1A-9-11

Tot Ion:264 Resp: 789400
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 27.8
 265 22.4 17.3 25.9

