

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030718\
 Data File : BM014507.D
 Acq On : 06 Mar 2018 20:36
 Operator : SJ/JU
 Sample : J1699-49
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 07 03:58:58 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

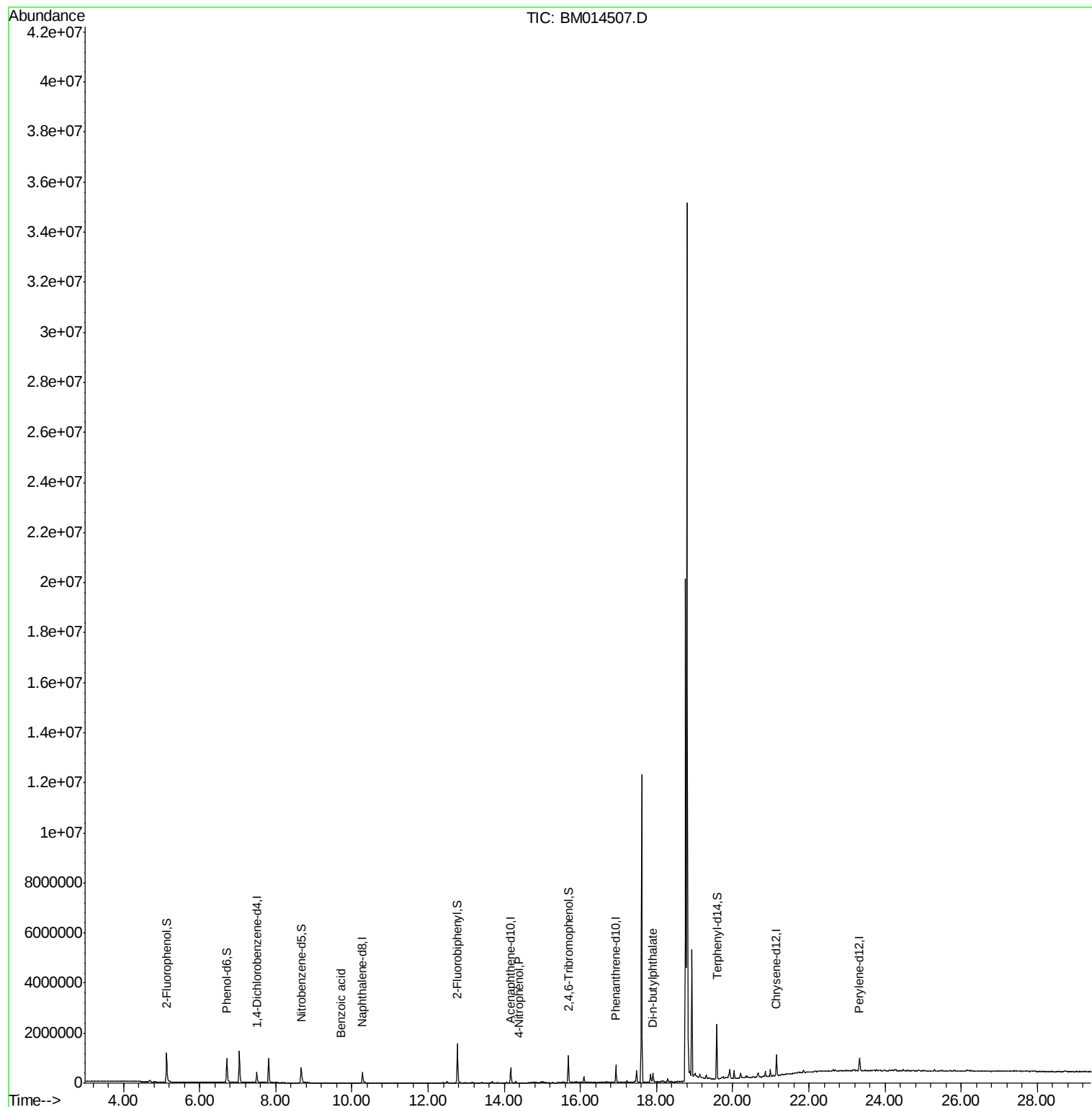
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	92075	20.00	ng	-0.05
21) Naphthalene-d8	10.27	136	347998	20.00	ng	-0.04
38) Acenaphthene-d10	14.17	164	187358	20.00	ng	-0.03
63) Phenanthrene-d10	16.93	188	377058	20.00	ng	-0.02
75) Chrysene-d12	21.15	240	371058	20.00	ng	-0.02
86) Perylene-d12	23.33	264	353653	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	436759	82.68	ng	-0.03
7) Phenol-d6	6.71	99	529752	70.81	ng	-0.03
23) Nitrobenzene-d5	8.67	82	404138	51.87	ng	-0.04
41) 2,4,6-Tribromophenol	15.68	330	149833	56.36	ng	-0.02
44) 2-Fluorobiphenyl	12.77	172	745427	49.67	ng	-0.04
78) Terphenyl-d14	19.58	244	848539	44.68	ng	-0.02
Target Compounds						
32) Benzoic acid	9.73	122	375	6.268	ng	# 61
55) 4-Nitrophenol	14.39	139	136	5.837	ng	# 1
73) Di-n-butylphthalate	17.90	149	218919	8.211	ng	# 96

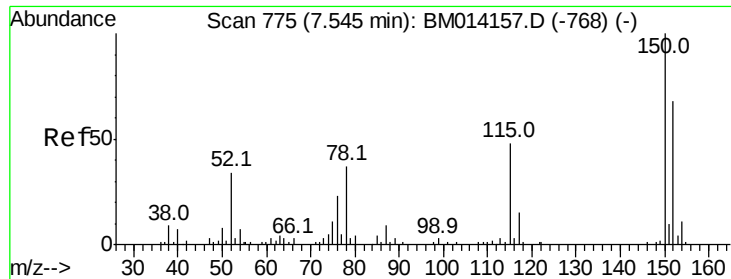
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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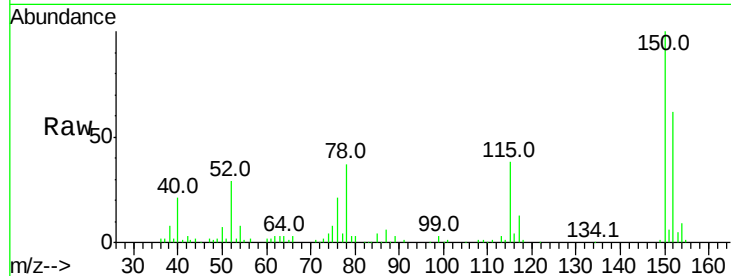


#1

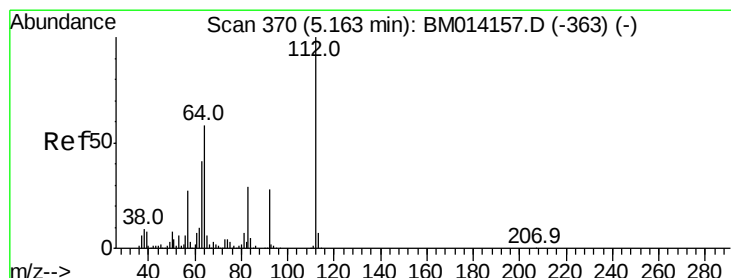
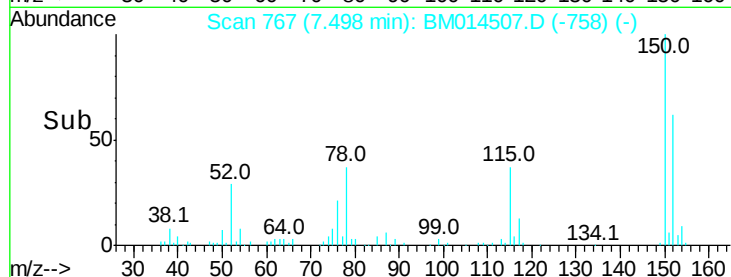
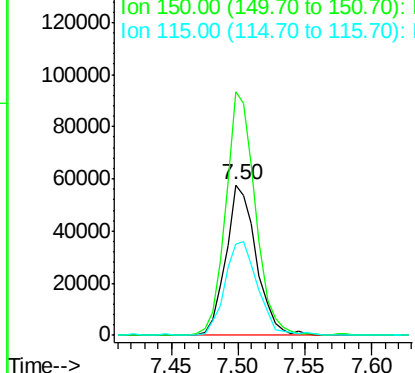
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.05 min
Lab File: BM014507.D
Acq: 06 Mar 2018 20:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 92075
Ion Ratio Lower Upper
152 100
150 161.8 119.5 179.3
115 60.8 43.0 64.4



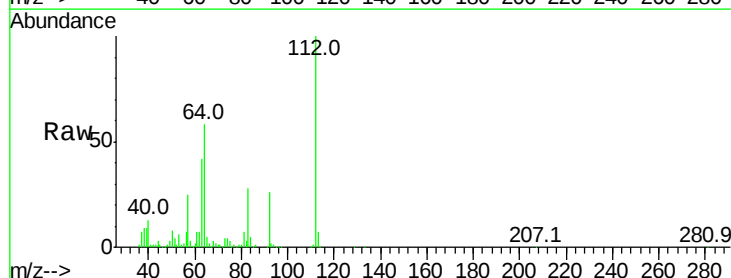
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



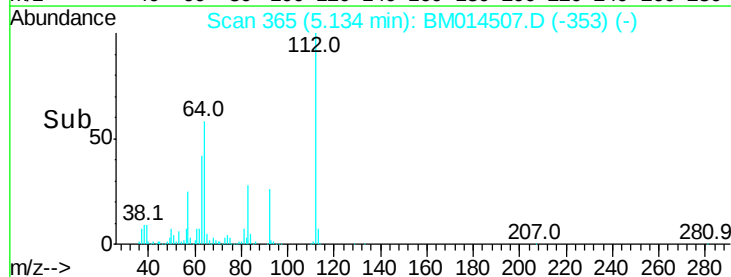
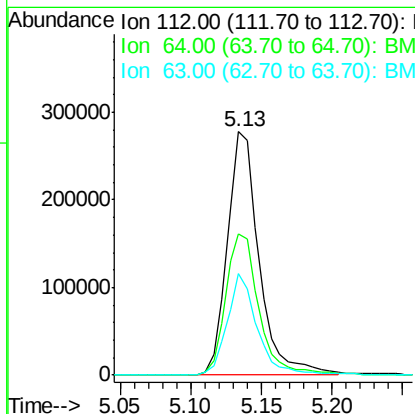
#5

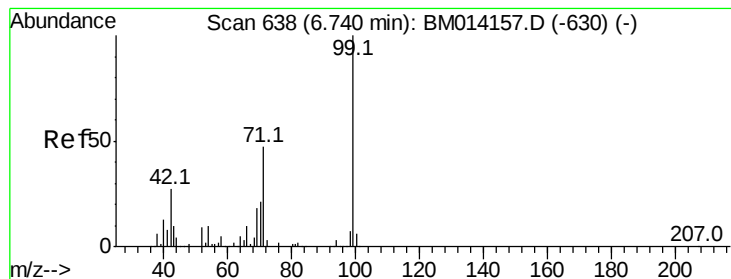
2-Fluorophenol
Concen: 82.679 ng
RT: 5.13 min Scan# 365
Delta R.T. -0.03 min
Lab File: BM014507.D
Acq: 06 Mar 2018 20:36

Tgt Ion:112 Resp: 436759
Ion Ratio Lower Upper
112 100
64 58.2 38.6 57.8#
63 41.9 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: 70.807 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.03 min

Lab File: BM014507.D

Acq: 06 Mar 2018 20:36

Instrument :

BNA_M

ClientSampleId :

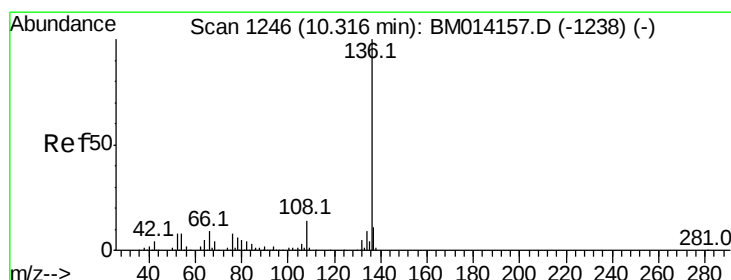
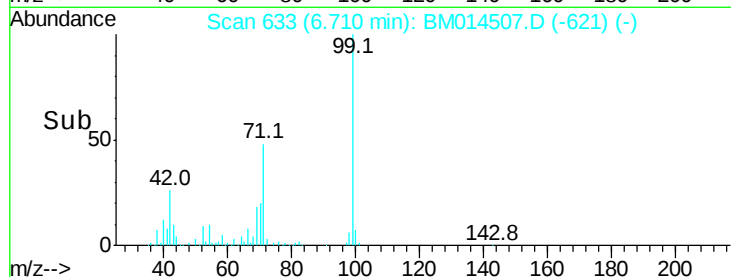
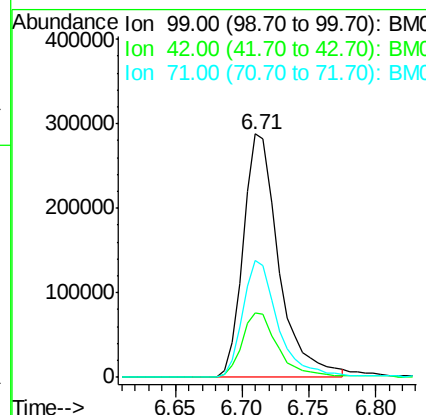
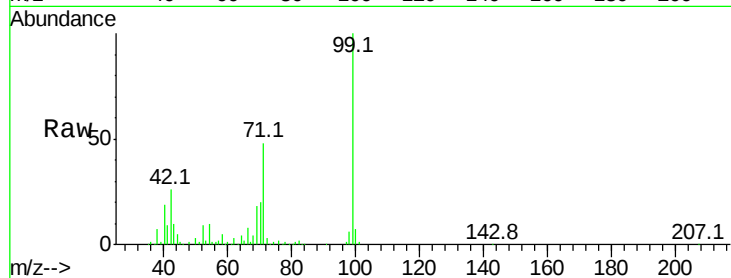
Tot Ion: 99 Resp: 529752

Ion Ratio Lower Upper

99 100

42 26.2 11.0 16.4#

71 47.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.27 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BM014507.D

Acq: 06 Mar 2018 20:36

Tgt Ion: 136 Resp: 347998

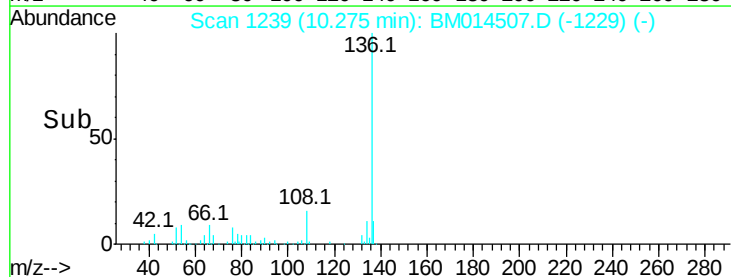
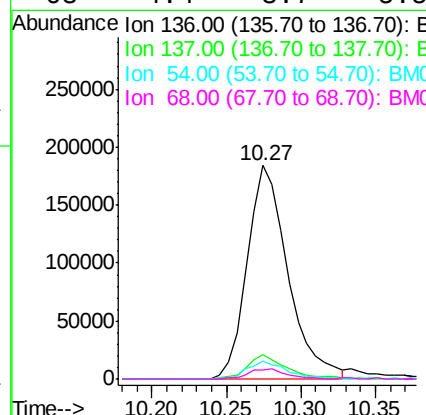
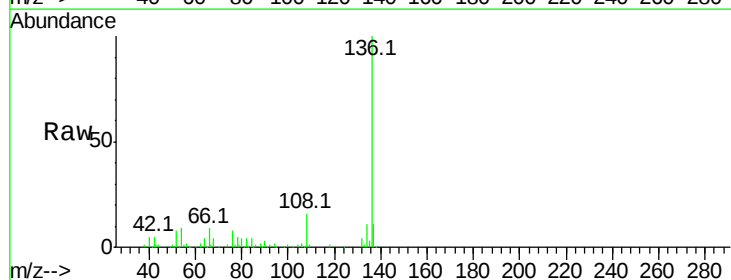
Ion Ratio Lower Upper

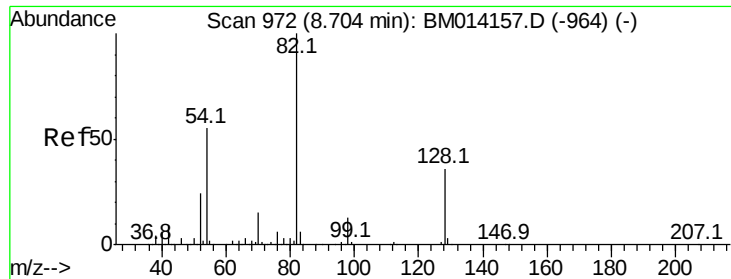
136 100

137 11.4 8.7 13.1

54 8.7 4.6 6.8#

68 4.4 3.7 5.5

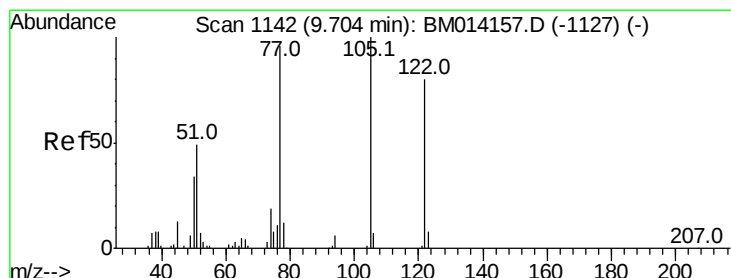
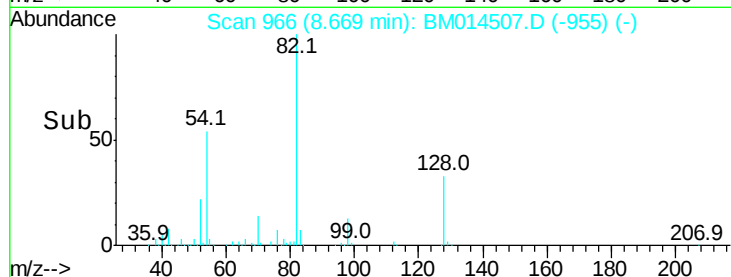
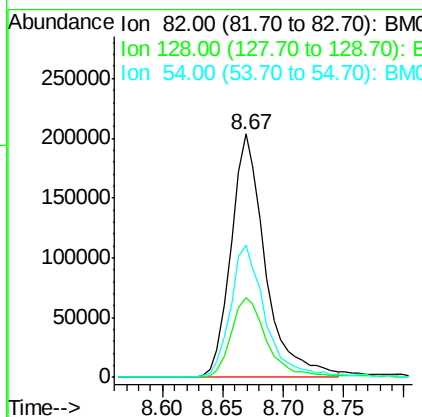
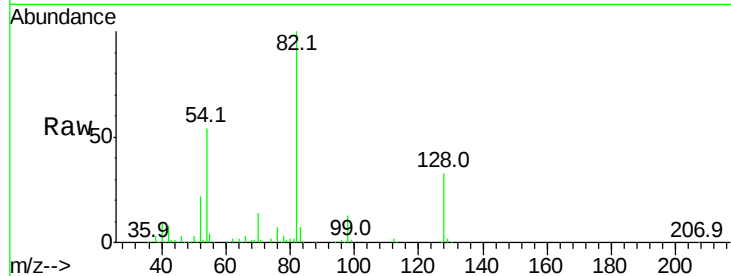




#23
 Nitrobenzene-d5
 Concen: 51.873 ng
 RT: 8.67 min Scan# 966
 Delta R.T. -0.04 min
 Lab File: BM014507.D
 Acq: 06 Mar 2018 20:36

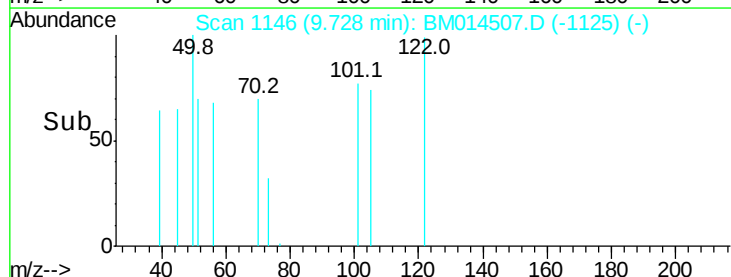
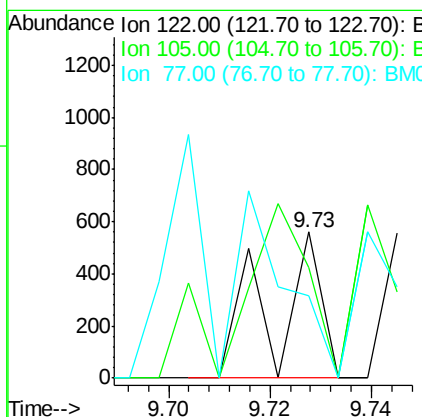
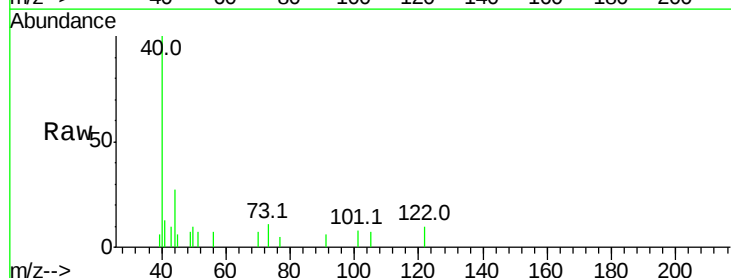
Instrument :
 BNA_M
 ClientSampleId :

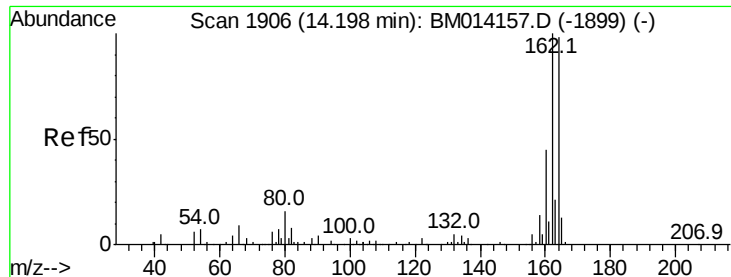
Tot Ion: 82 Resp: 404138
 Ion Ratio Lower Upper
 82 100
 128 32.8 32.8 49.2#
 54 54.2 40.6 60.8



#32
 Benzoic acid
 Concen: 6.268 ng
 RT: 9.73 min Scan# 1146
 Delta R.T. 0.02 min
 Lab File: BM014507.D
 Acq: 06 Mar 2018 20:36

Tgt Ion: 122 Resp: 375
 Ion Ratio Lower Upper
 122 100
 105 75.4 99.9 139.9#
 77 56.5 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1901

Delta R.T. -0.03 min

Lab File: BM014507.D

Acq: 06 Mar 2018 20:36

Instrument :

BNA_M

ClientSampleId :

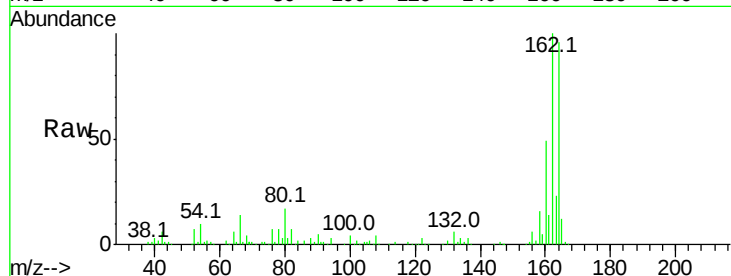
Tot Ion:164 Resp: 187358

Ion Ratio Lower Upper

164 100

162 104.6 82.4 123.6

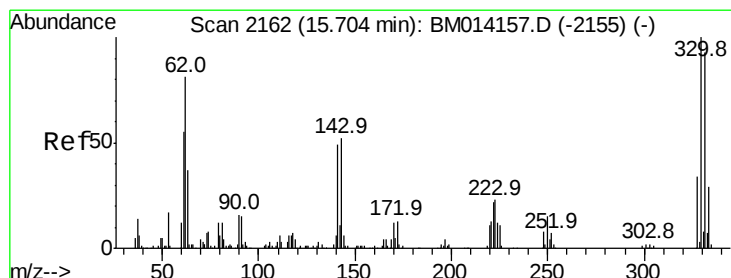
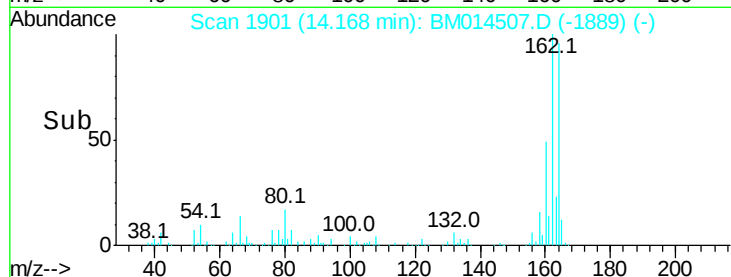
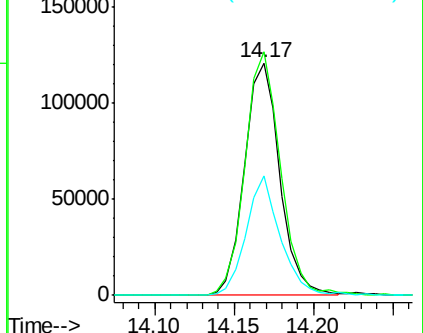
160 51.4 35.8 53.6



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: 56.359 ng

RT: 15.68 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BM014507.D

Acq: 06 Mar 2018 20:36

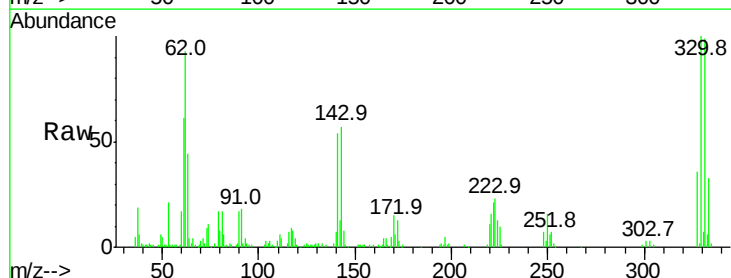
Tgt Ion:330 Resp: 149833

Ion Ratio Lower Upper

330 100

332 99.7 0.0 0.0#

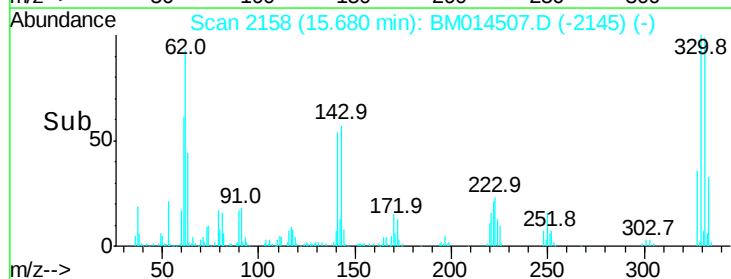
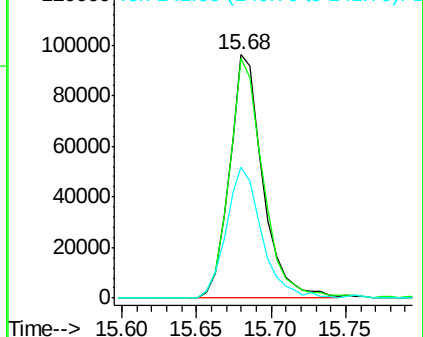
141 57.1 0.0 0.0#

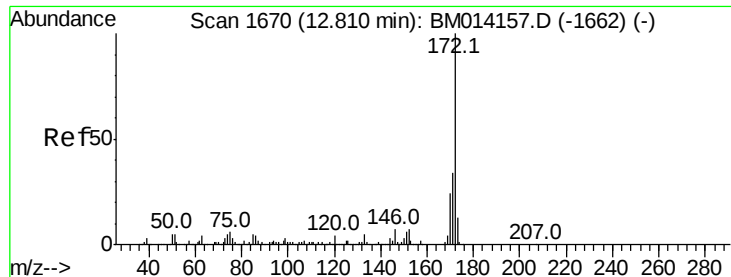


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

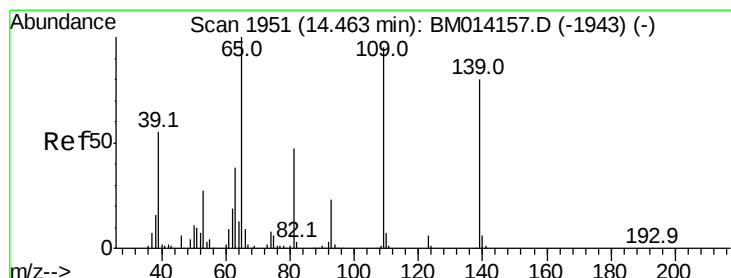
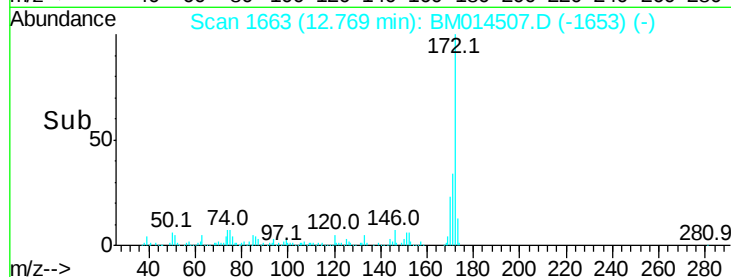
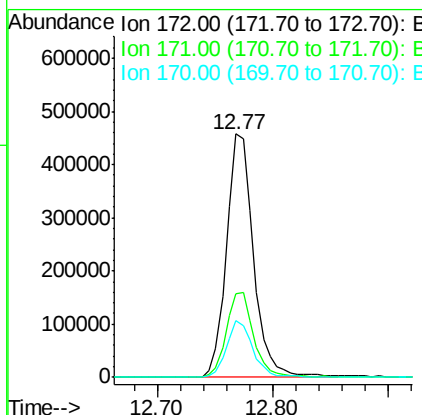
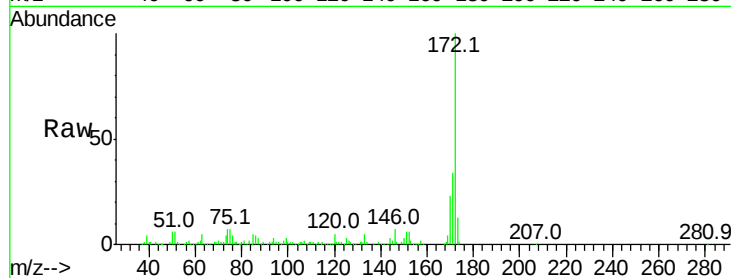




#44
2-Fluorobiphenyl
Concen: 49.666 ng
RT: 12.77 min Scan# 1663
Delta R.T. -0.04 min
Lab File: BM014507.D
Acq: 06 Mar 2018 20:36

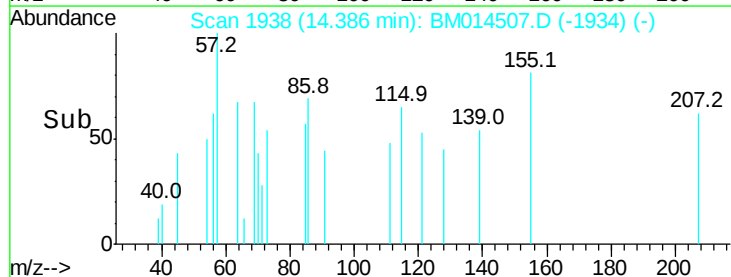
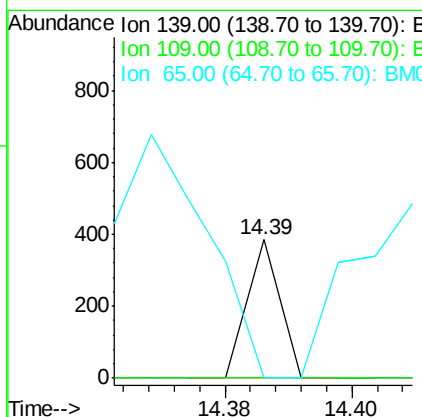
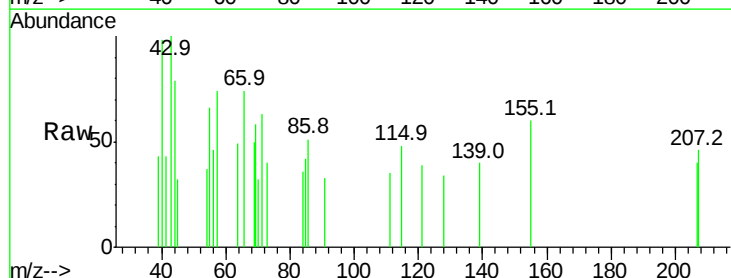
Instrument :
BNA_M
ClientSampleId :

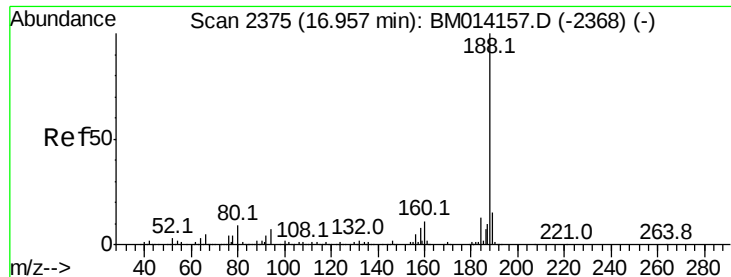
Tot Ion:172 Resp: 745427
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 23.2 18.8 28.2



#55
4-Nitrophenol
Concen: 5.837 ng
RT: 14.39 min Scan# 1938
Delta R.T. -0.08 min
Lab File: BM014507.D
Acq: 06 Mar 2018 20:36

Tgt Ion:139 Resp: 136
Ion Ratio Lower Upper
139 100
109 0.0 130.0 170.0#
65 0.0 130.0 170.0#

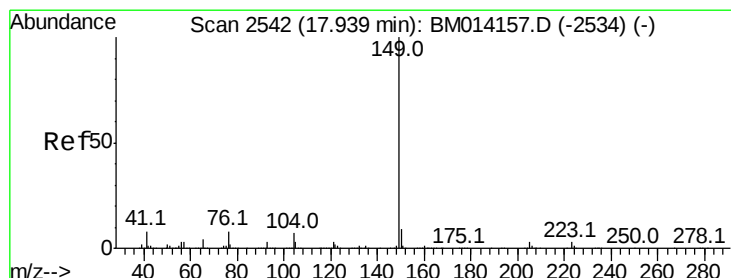
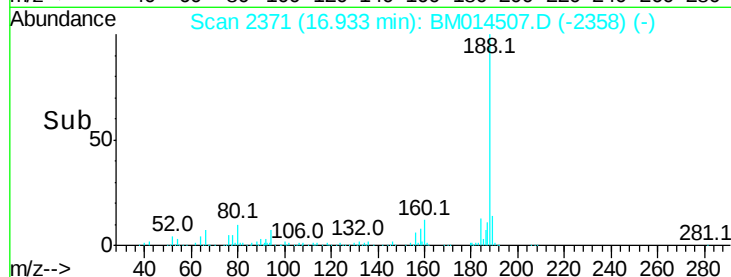
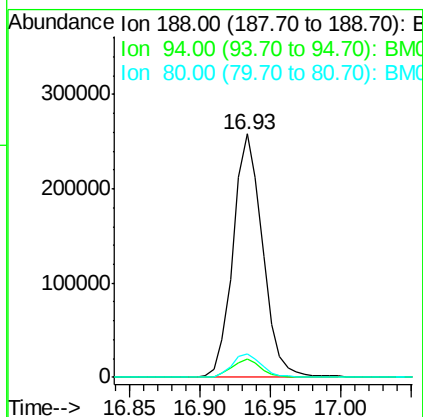
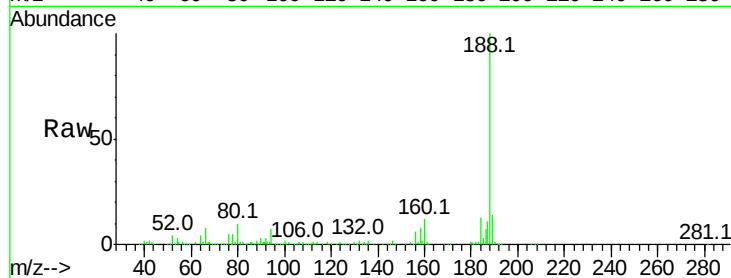




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.93 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BM014507.D
 Acq: 06 Mar 2018 20:36

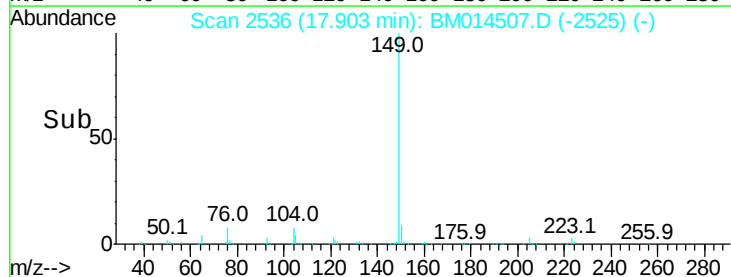
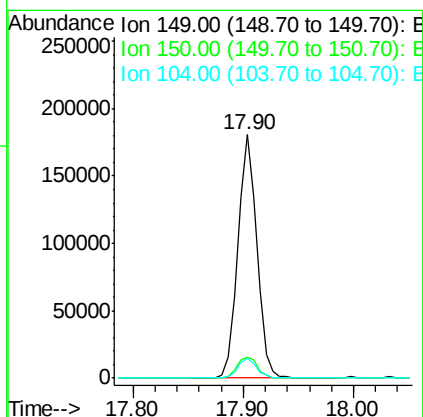
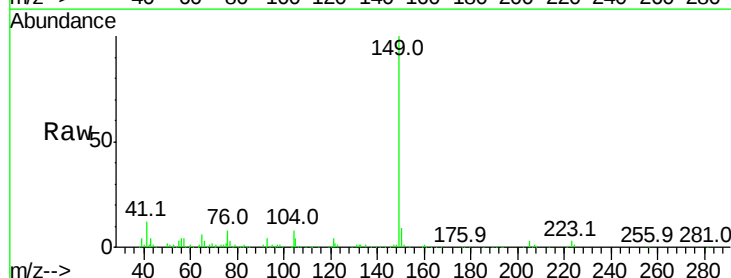
Instrument :
 BNA_M
 ClientSampleId :

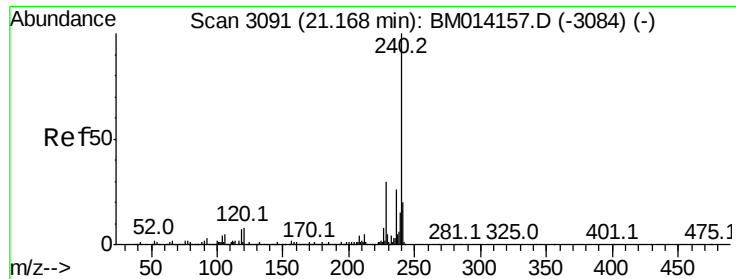
Tot Ion:188 Resp: 377058
 Ion Ratio Lower Upper
 188 100
 94 7.5 8.7 13.1#
 80 9.6 9.3 13.9



#73
 Di-n-butylphthalate
 Concen: 8.211 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.04 min
 Lab File: BM014507.D
 Acq: 06 Mar 2018 20:36

Tgt Ion:149 Resp: 218919
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.5 11.3
 104 7.8 3.7 5.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM014507.D

Acq: 06 Mar 2018 20:36

Instrument :

BNA_M

ClientSampleId :

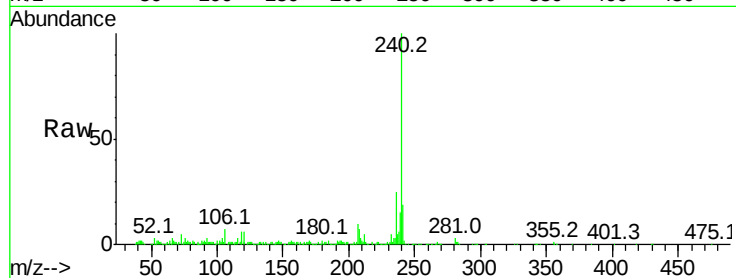
Tot Ion:240 Resp: 371058

Ion Ratio Lower Upper

240 100

120 6.3 8.2 12.2#

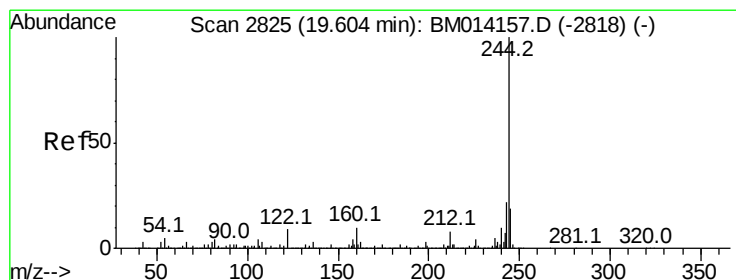
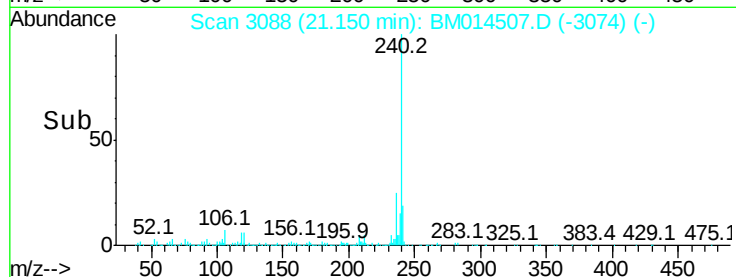
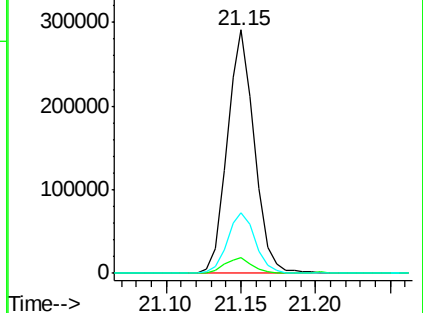
236 25.0 20.0 30.0



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: 44.683 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BM014507.D

Acq: 06 Mar 2018 20:36

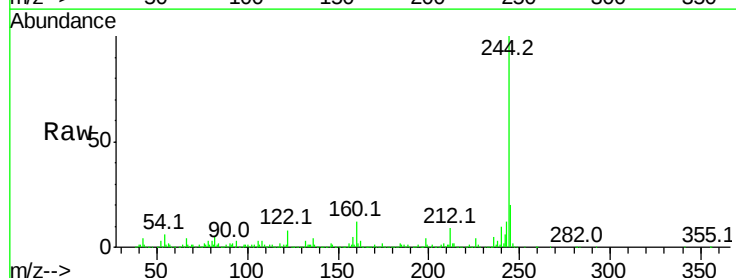
Tgt Ion:244 Resp: 848539

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

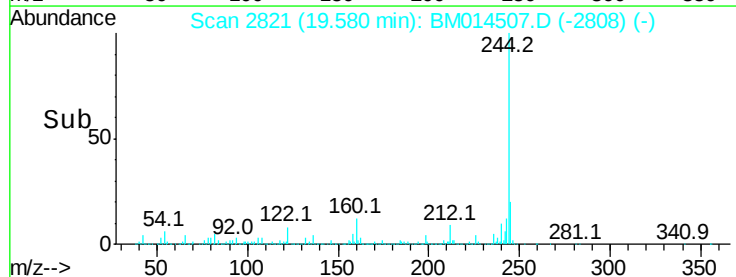
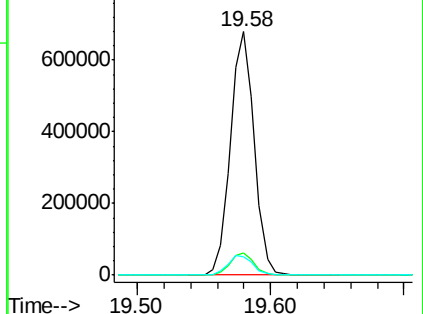
122 7.8 6.2 9.4

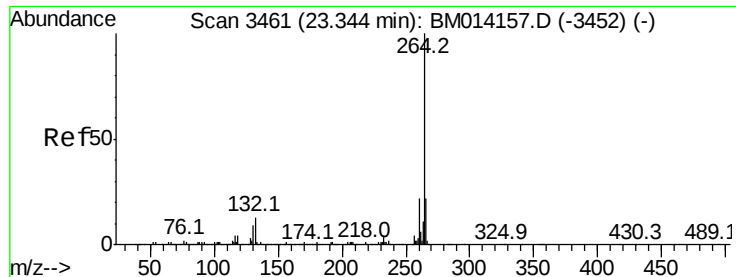


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

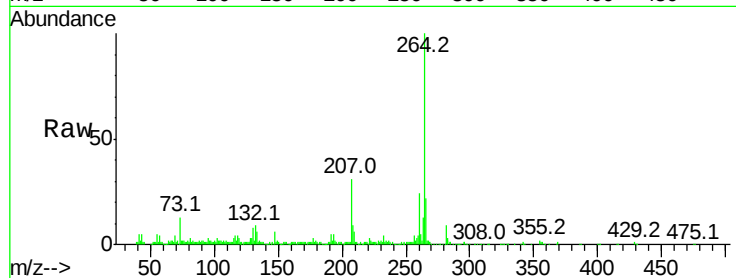




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3458
Delta R.T. -0.02 min
Lab File: BM014507.D
Acq: 06 Mar 2018 20:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

