

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011448.D
 Acq On : 06 Sep 2017 00:51
 Operator : SJ/JU
 Sample : I5093-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-090117-C

Quant Time: Sep 06 07:52:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

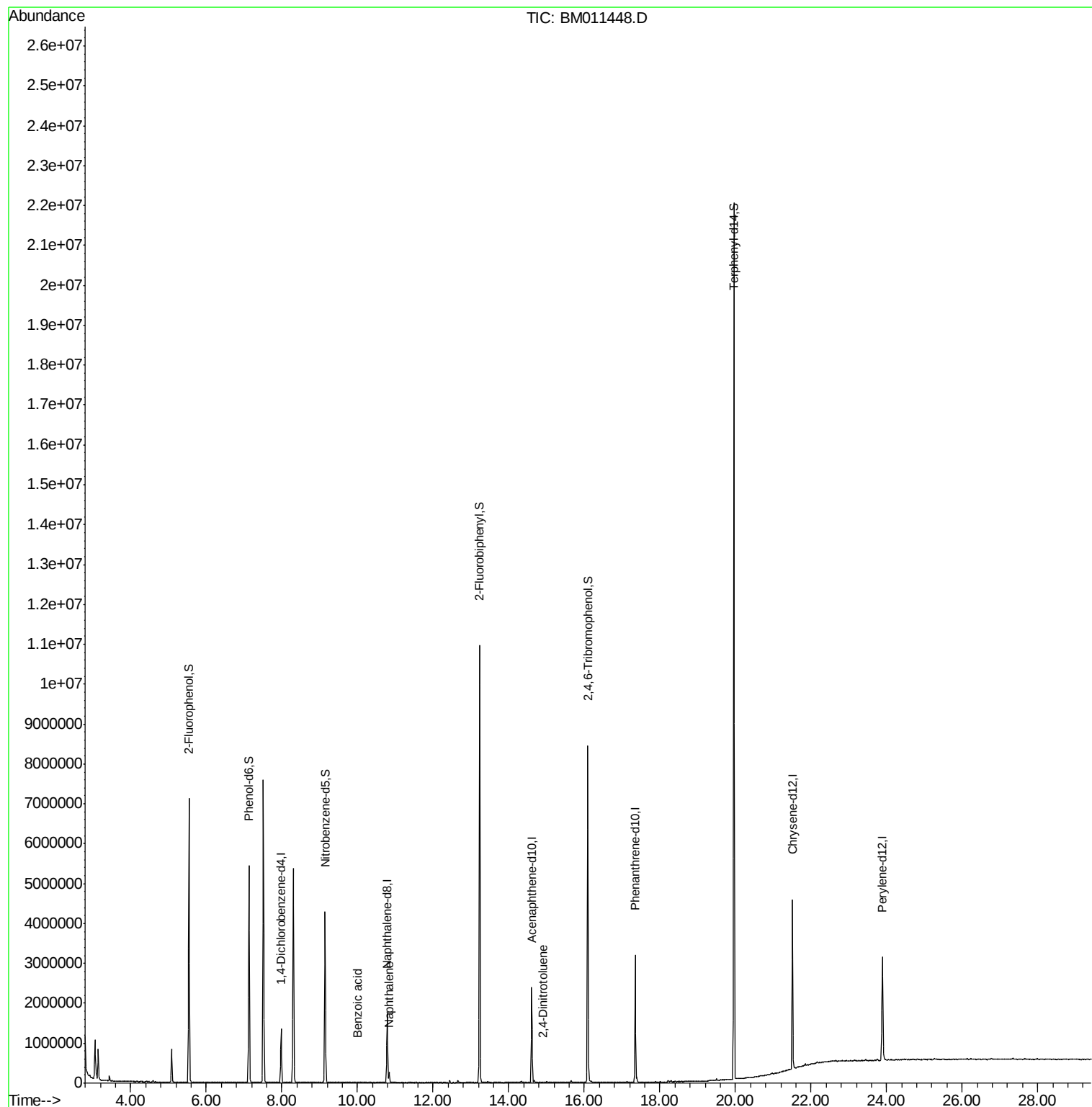
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	355680	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1414490	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	752709	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	1801170	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2052911	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1811957	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	2662346	126.00	ng	0.00
7) Phenol-d6	7.13	99	2945862	100.54	ng	-0.01
23) Nitrobenzene-d5	9.15	82	2209181	102.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1261514	144.86	ng	-0.01
44) 2-Fluorobiphenyl	13.23	172	5338133	102.23	ng	-0.02
78) Terphenyl-d14	19.96	244	8456549	102.21	ng	-0.02
Target Compounds						
31) Naphthalene	10.84	128	213277	2.793	ng	99
32) Benzoic acid	9.99	122	2154	6.662	ng	93
56) 2,4-Dinitrotoluene	14.92	165	107	5.145	ng	# 11

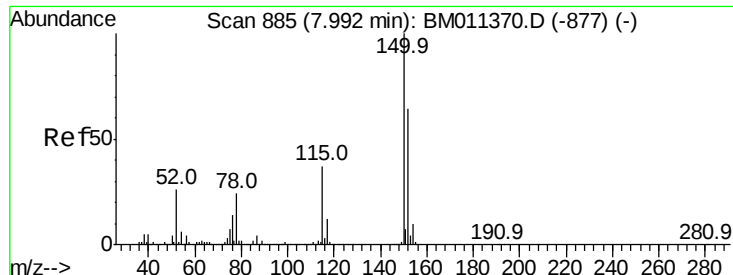
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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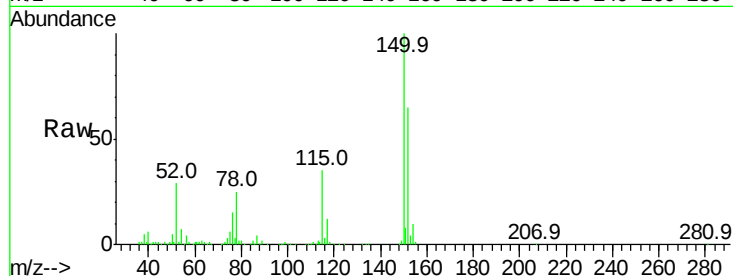


#1

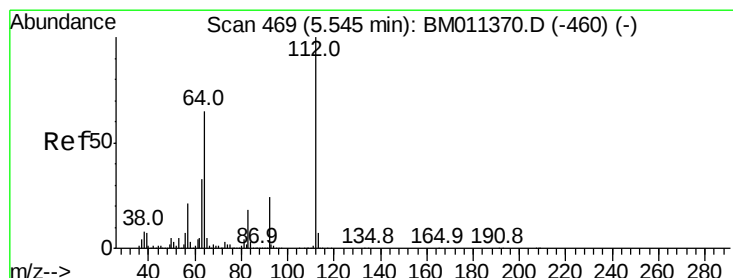
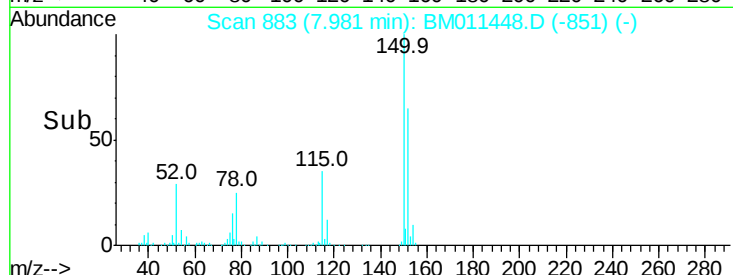
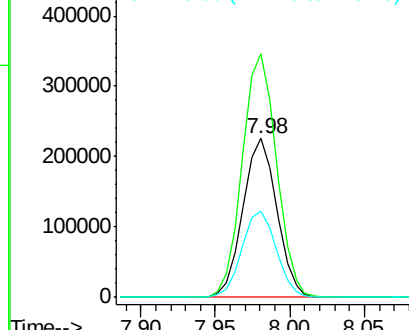
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011448.D
Acq: 06 Sep 2017 00:51

Instrument :
BNA_M
ClientSampleId :
AU-06-090117-C

Tot Ion:152 Resp: 355680
Ion Ratio Lower Upper
152 100
150 153.2 119.5 179.3
115 54.4 43.0 64.4



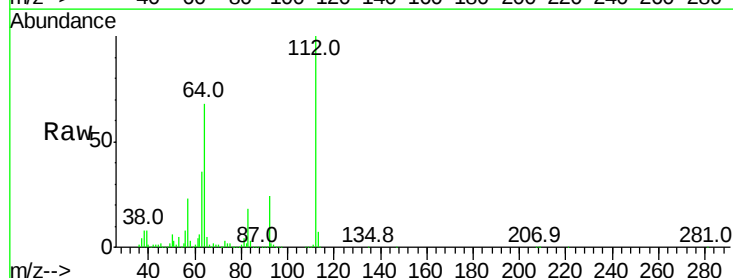
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



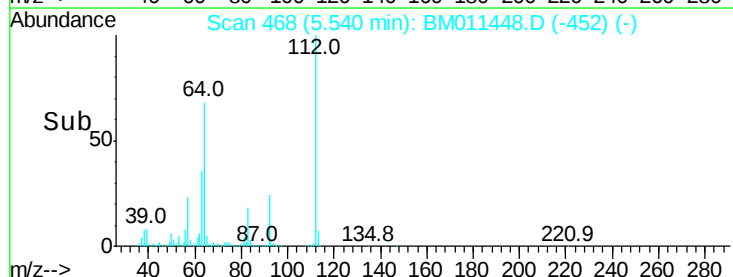
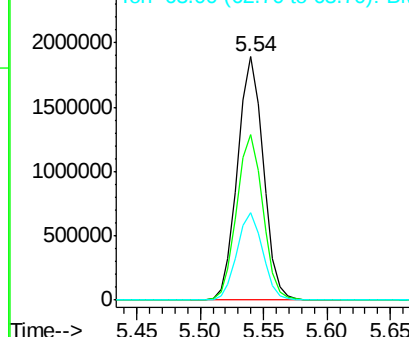
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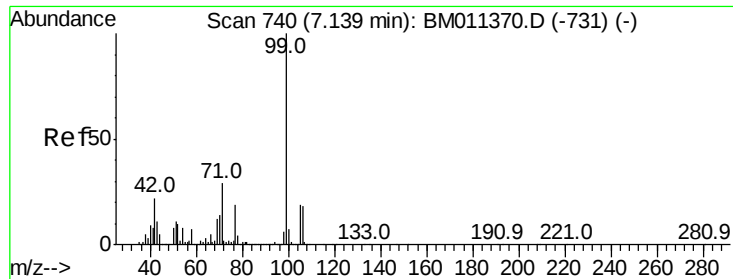
2-Fluorophenol
Concen: 125.997 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011448.D
Acq: 06 Sep 2017 00:51

Tgt Ion:112 Resp: 2662346
Ion Ratio Lower Upper
112 100
64 68.2 38.6 57.8#
63 35.9 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: 100.543 ng

RT: 7.13 min Scan# 738

Delta R.T. -0.01 min

Lab File: BM011448.D

Acq: 06 Sep 2017 00:51

Instrument :

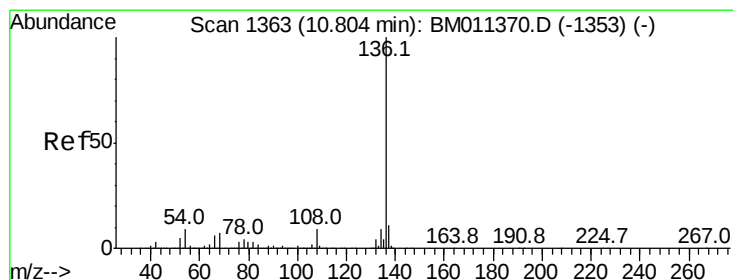
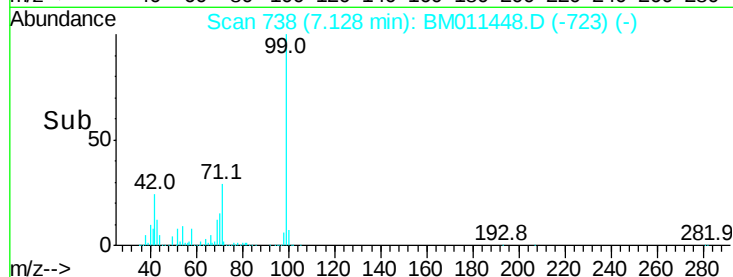
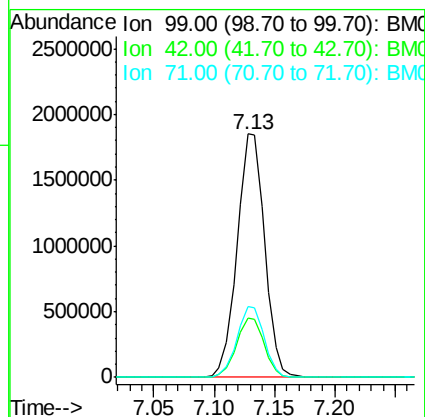
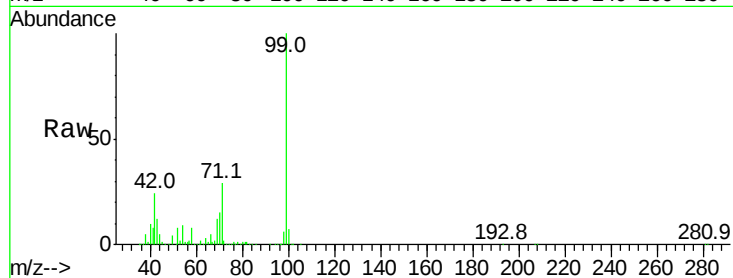
BNA_M

ClientSampleId :

AU-06-090117-C

Tot Ion: 99 Resp: 2945862

Ion	Ratio	Lower	Upper
99	100		
42	24.4	11.0	16.4#
71	29.0	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

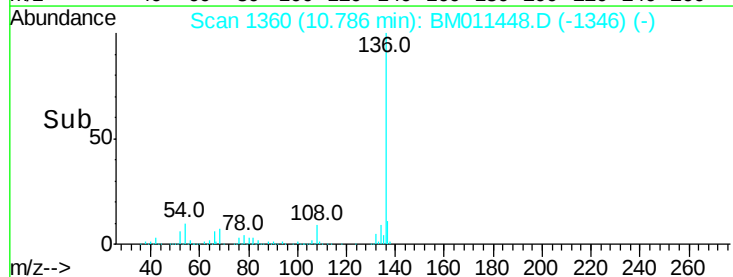
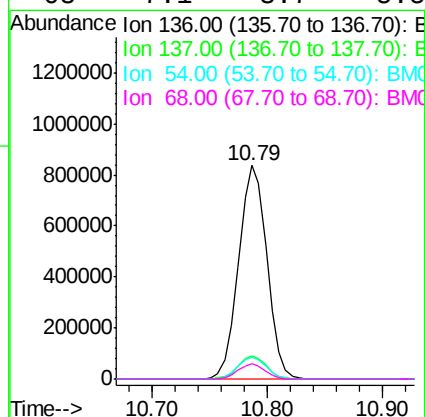
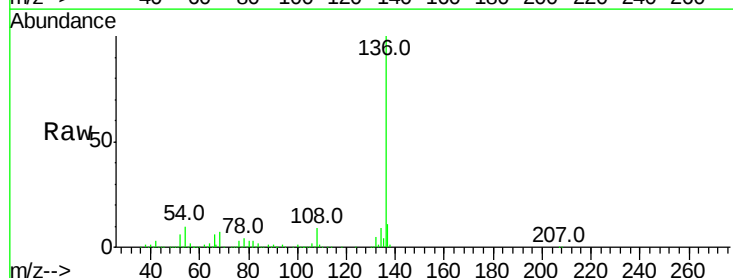
Delta R.T. -0.02 min

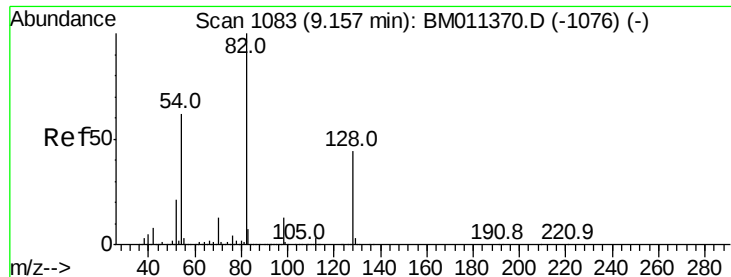
Lab File: BM011448.D

Acq: 06 Sep 2017 00:51

Tgt Ion: 136 Resp: 1414490

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.5	4.6	6.8#
68	7.1	3.7	5.5#

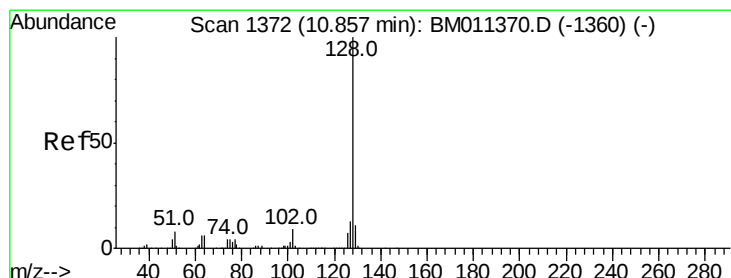
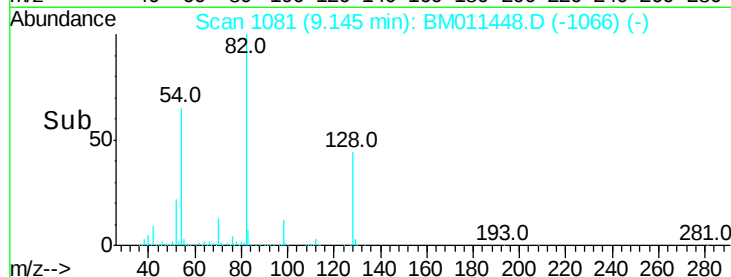
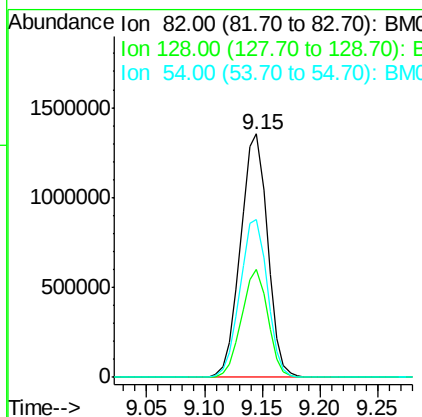
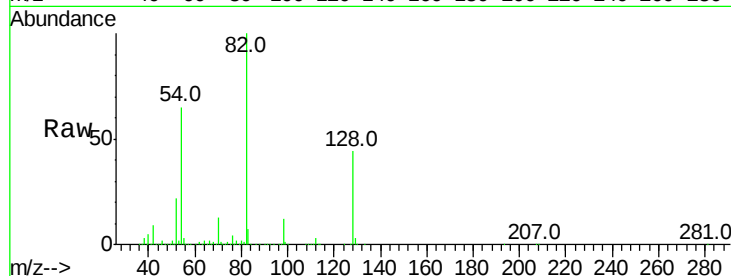




#23
 Nitrobenzene-d5
 Concen: 102.921 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011448.D
 Acq: 06 Sep 2017 00:51

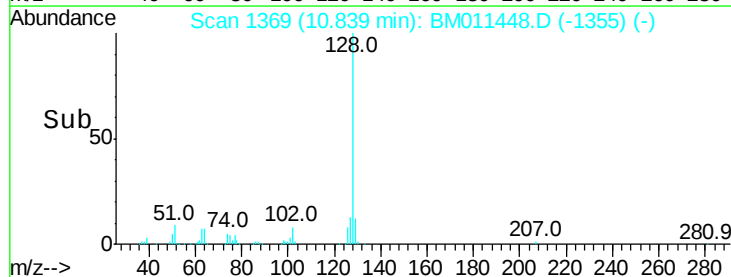
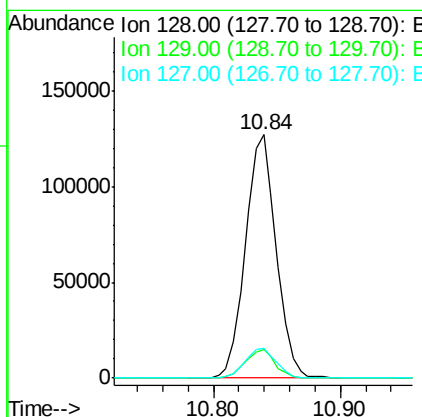
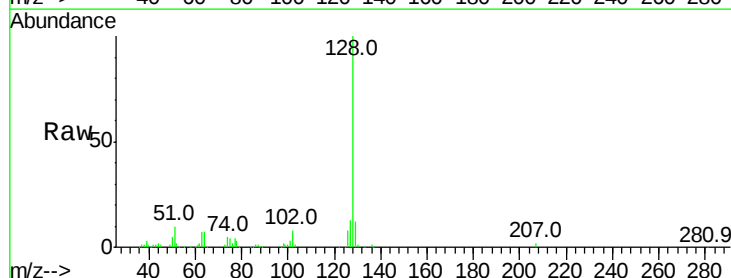
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-090117-C

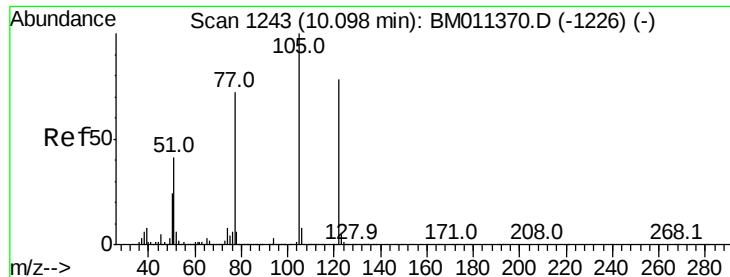
Tot Ion: 82 Resp: 2209181
 Ion Ratio Lower Upper
 82 100
 128 44.1 32.8 49.2
 54 64.7 40.6 60.8#



#31
 Naphthalene
 Concen: 2.793 ng
 RT: 10.84 min Scan# 1369
 Delta R.T. -0.02 min
 Lab File: BM011448.D
 Acq: 06 Sep 2017 00:51

Tgt Ion: 128 Resp: 213277
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.9 13.3
 127 12.5 10.4 15.6

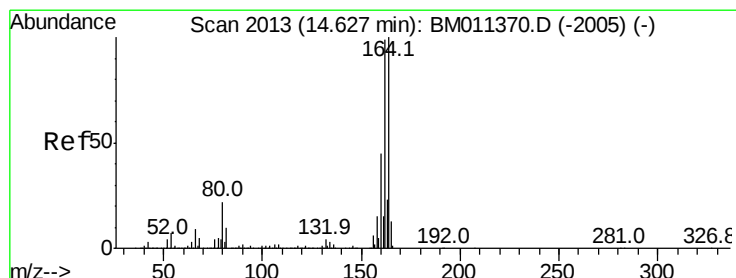
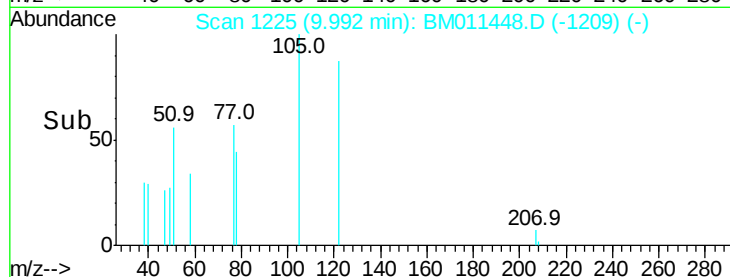
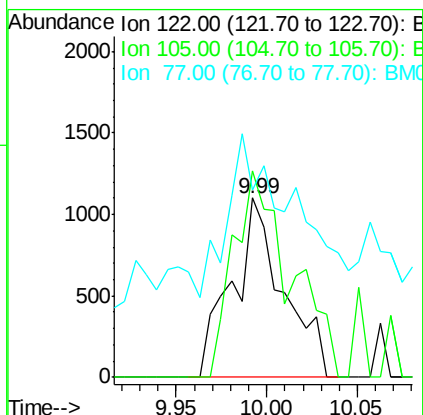
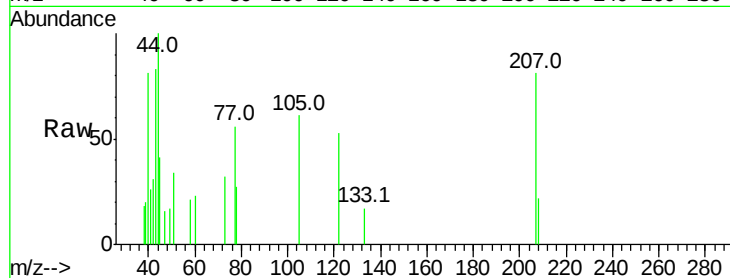




#32
Benzoic acid
Concen: 6.662 ng
RT: 9.99 min Scan# 1225
Delta R.T. -0.11 min
Lab File: BM011448.D
Acq: 06 Sep 2017 00:51

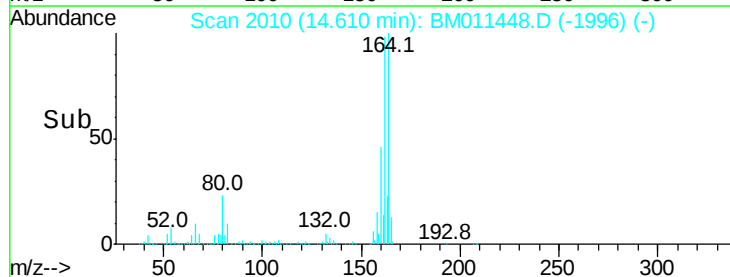
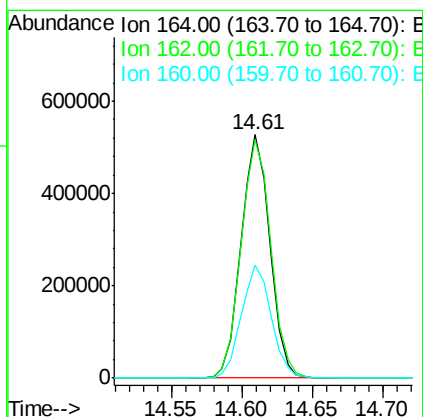
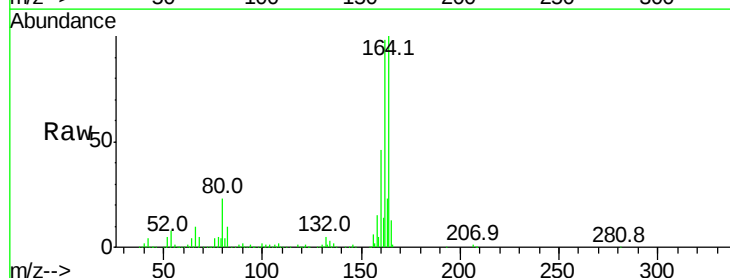
Instrument :
BNA_M
ClientSampleId :
AU-06-090117-C

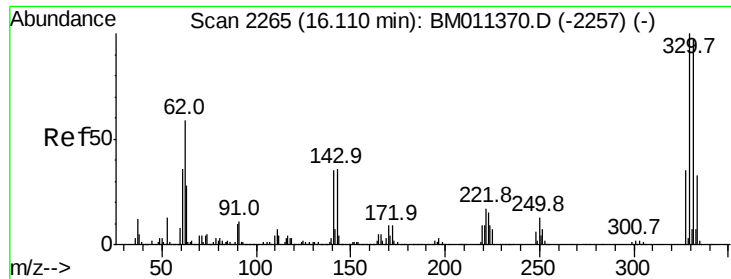
Tot Ion:122 Resp: 2154
Ion Ratio Lower Upper
122 100
105 114.8 99.9 139.9
77 104.5 73.7 113.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BM011448.D
Acq: 06 Sep 2017 00:51

Tgt Ion:164 Resp: 752709
Ion Ratio Lower Upper
164 100
162 98.0 82.4 123.6
160 46.3 35.8 53.6

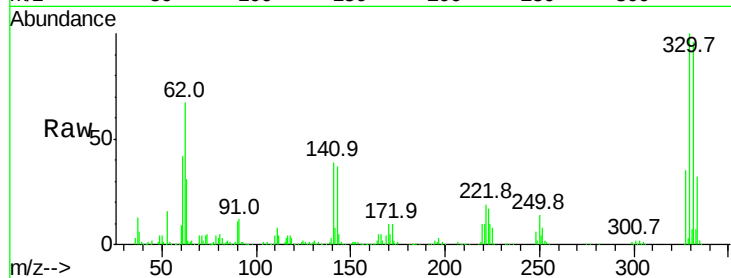




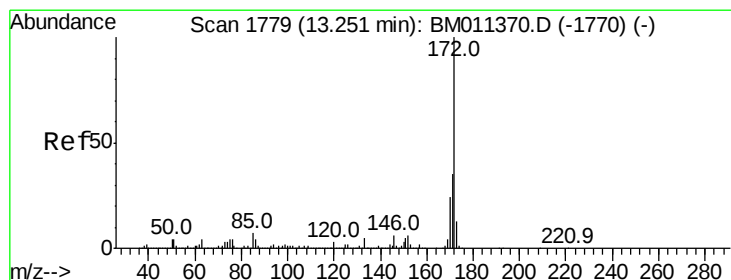
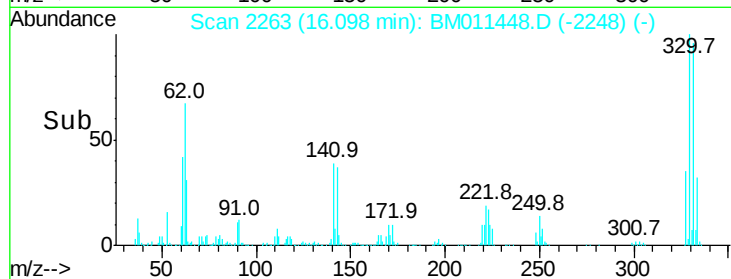
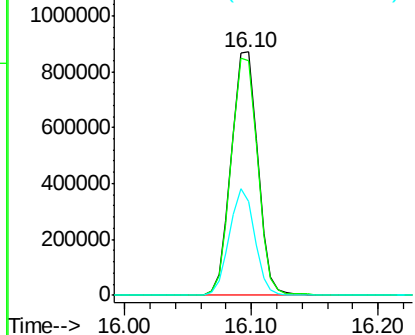
#41
 2,4,6-Tribromophenol
 Concen: 144.860 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011448.D
 Acq: 06 Sep 2017 00:51

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-090117-C

Tot Ion:330 Resp: 1261514
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 42.0 0.0 0.0#

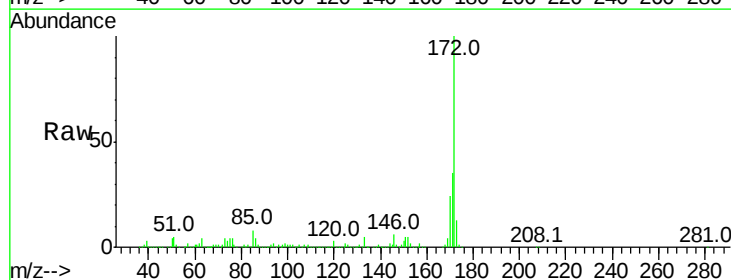


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

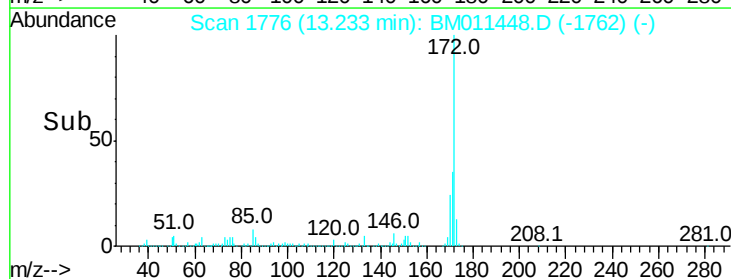
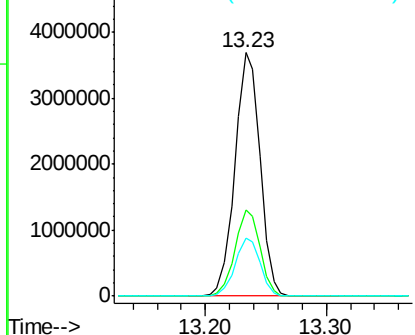


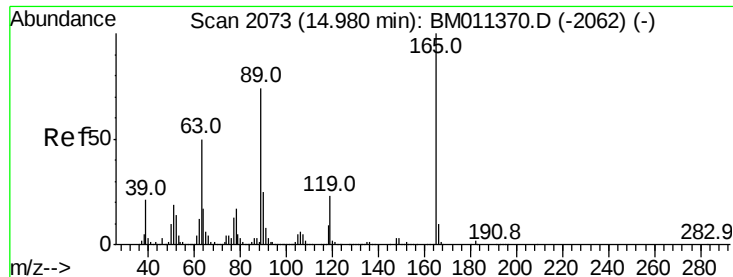
#44
 2-Fluorobiphenyl
 Concen: 102.228 ng
 RT: 13.23 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BM011448.D
 Acq: 06 Sep 2017 00:51

Tgt Ion:172 Resp: 5338133
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.9 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

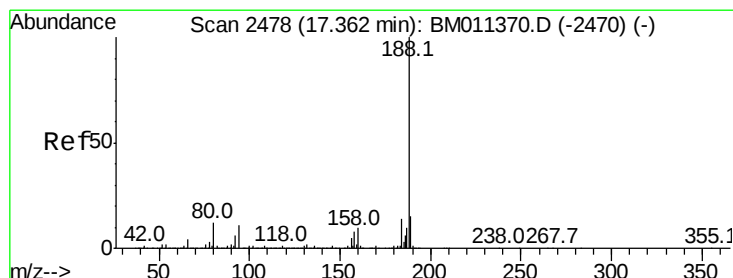
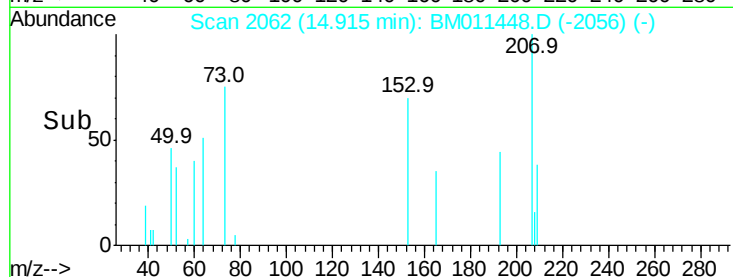
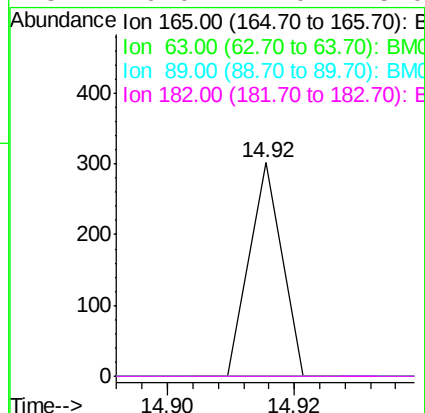
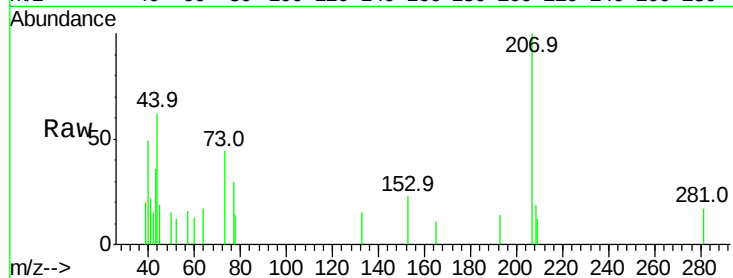




#56
2,4-Dinitrotoluene
Concen: 5.145 ng
RT: 14.92 min Scan# 2062
Delta R.T. -0.06 min
Lab File: BM011448.D
Acq: 06 Sep 2017 00:51

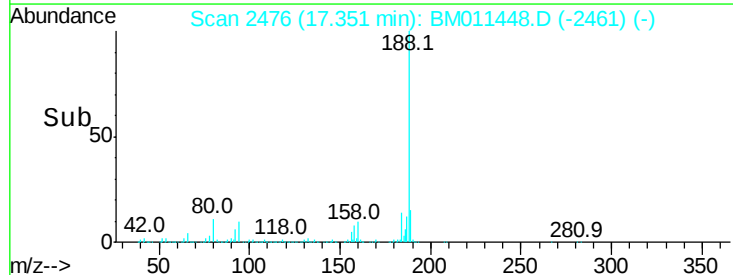
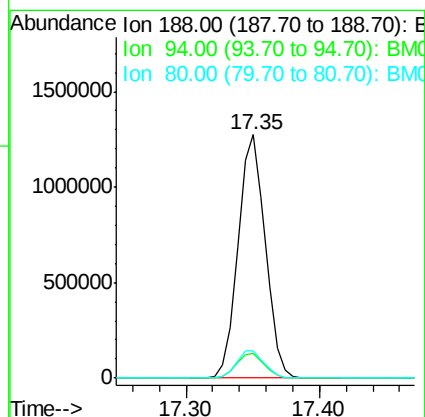
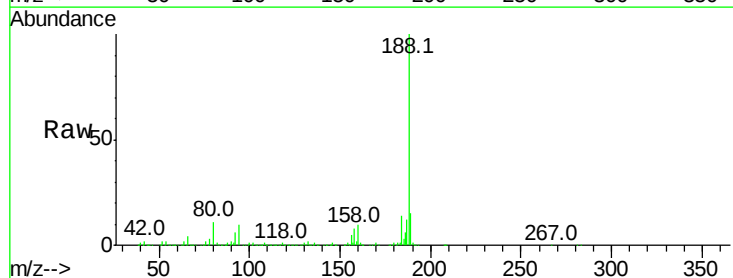
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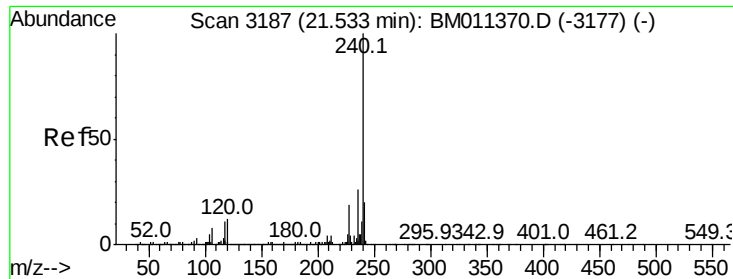
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011448.D
Acq: 06 Sep 2017 00:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.7	13.1
80	11.4	9.3	13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011448.D

Acq: 06 Sep 2017 00:51

Instrument :

BNA_M

ClientSampleId :

AU-06-090117-C

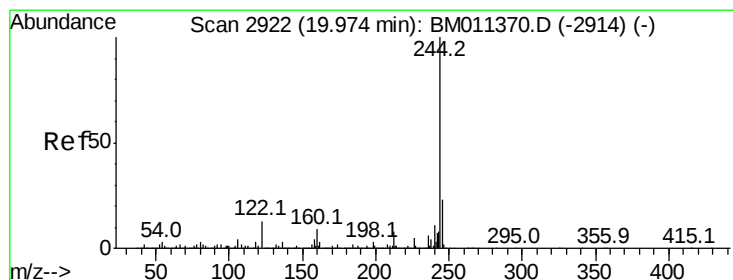
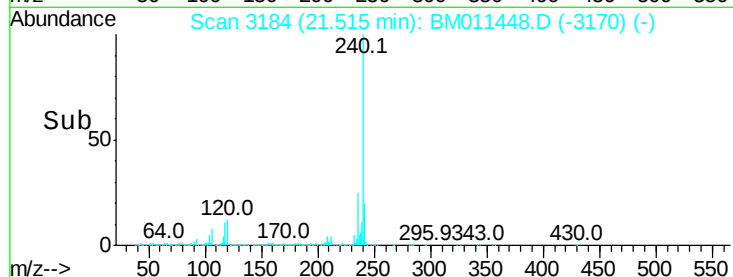
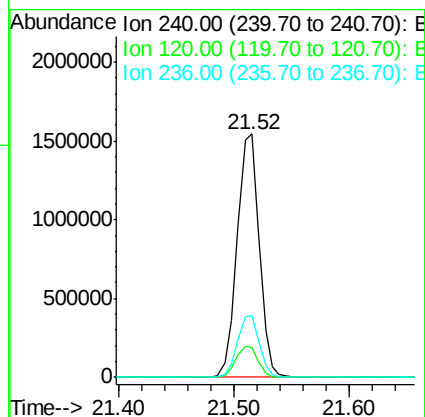
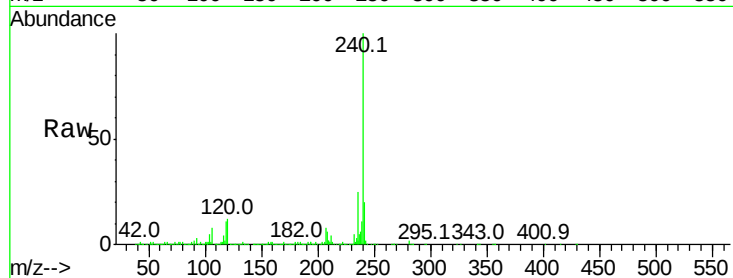
Tot Ion:240 Resp: 2052911

Ion Ratio Lower Upper

240 100

120 12.3 8.2 12.2#

236 25.3 20.0 30.0



#78

Terphenyl-d14

Concen: 102.209 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011448.D

Acq: 06 Sep 2017 00:51

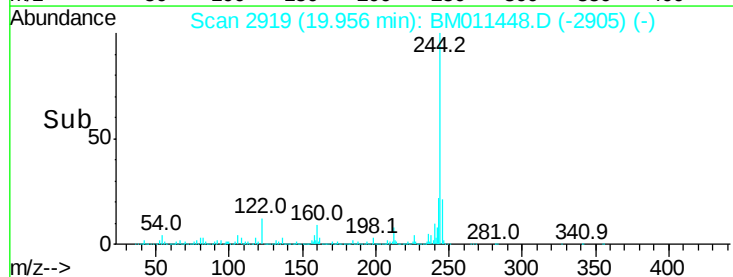
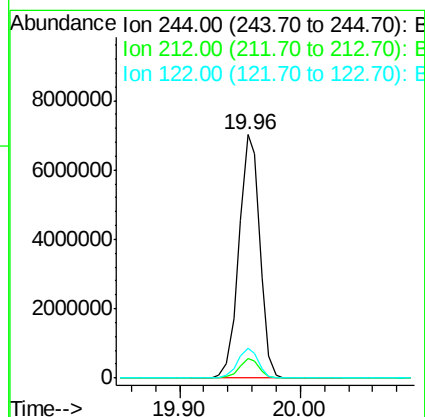
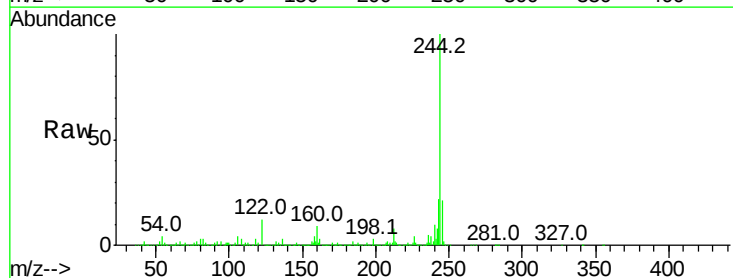
Tgt Ion:244 Resp: 8456549

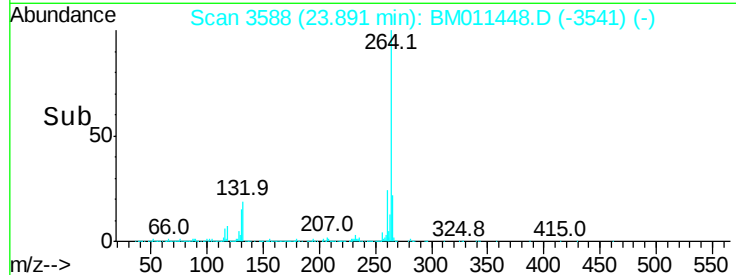
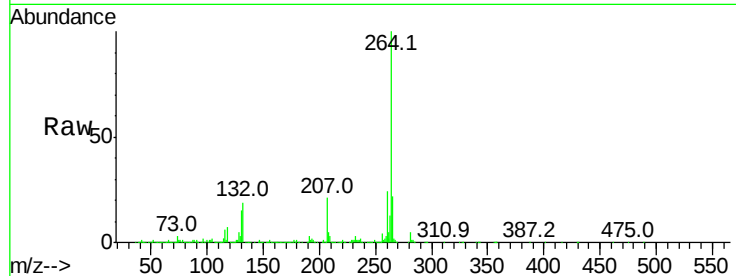
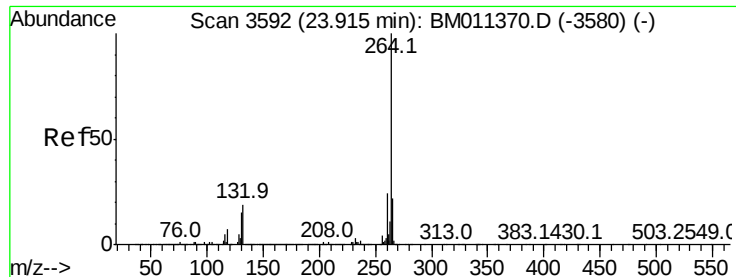
Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

122 12.5 6.2 9.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.89 min Scan# 3588
 Delta R.T. -0.02 min
 Lab File: BM011448.D
 Acq: 06 Sep 2017 00:51

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-090117-C

Tot Ion: 264 Resp: 1811957

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.2	17.3	25.9

