

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011446.D
 Acq On : 05 Sep 2017 23:39
 Operator : SJ/JU
 Sample : I5093-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 06 07:51:50 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

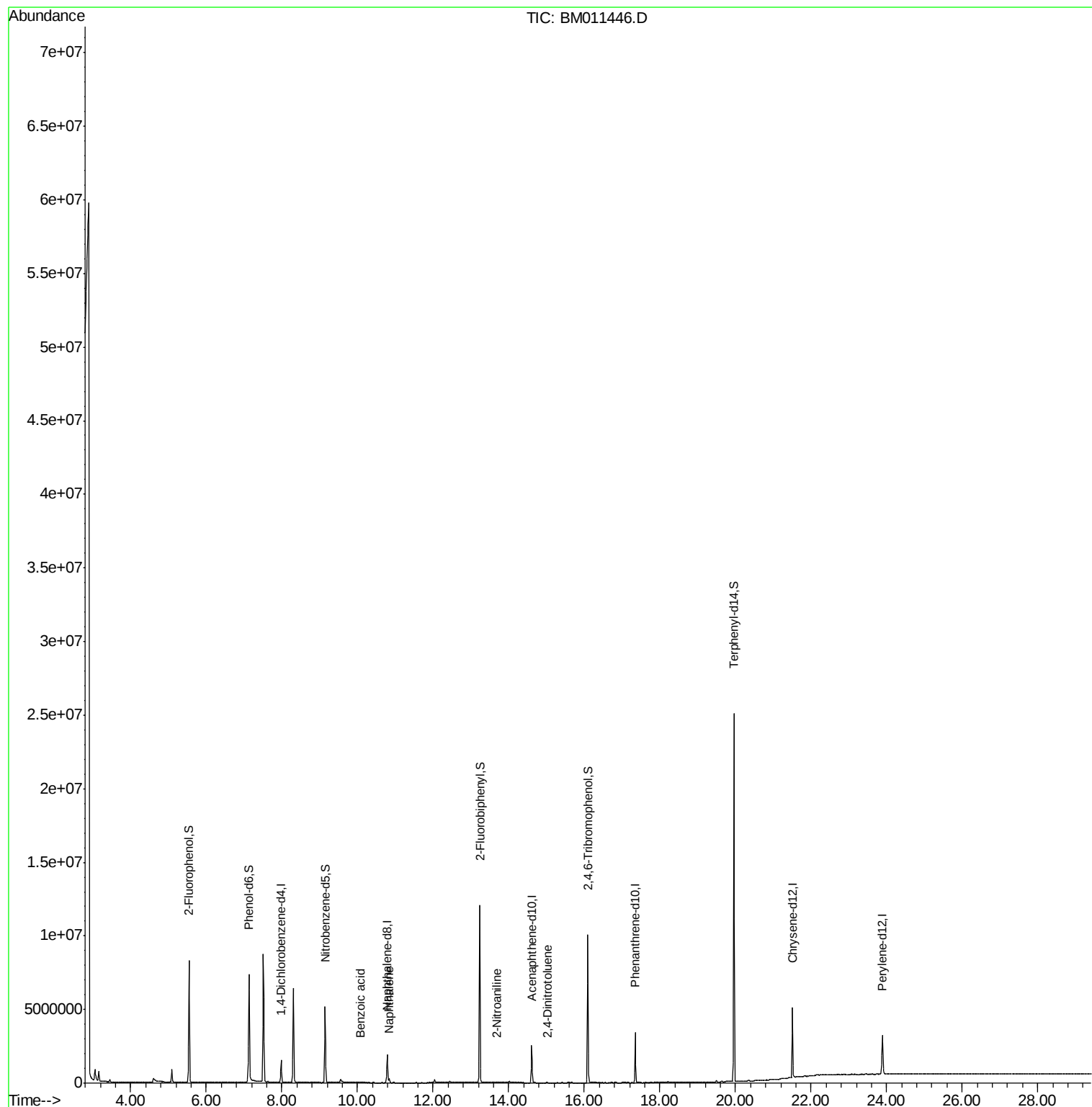
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	382695	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1525881	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	786087	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	1853498	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	2155442	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1853574	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3228433	142.00	ng	0.00
7) Phenol-d6	7.13	99	3581051	113.59	ng	0.00
23) Nitrobenzene-d5	9.15	82	2593482	112.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1476141	162.31	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	6063839	111.20	ng	-0.01
78) Terphenyl-d14	19.96	244	9415993	108.39	ng	-0.02
Target Compounds						
31) Naphthalene	10.84	128	239259	2.904	ng	99
32) Benzoic acid	10.08	122	224	6.552	ng	# 2
47) 2-Nitroaniline	13.68	65	116	5.444	ng	# 1
56) 2,4-Dinitrotoluene	15.03	165	107	5.145	ng	# 11

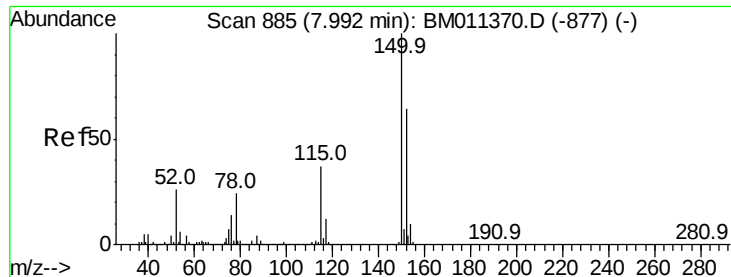
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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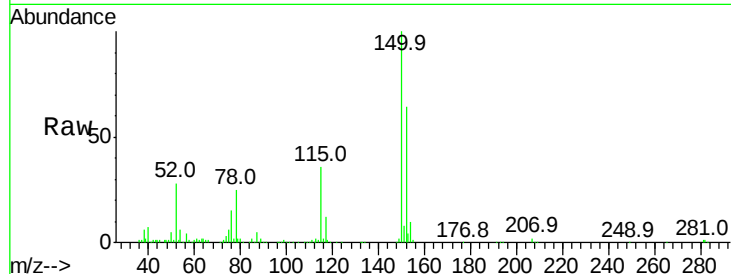


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011446.D
Acq: 05 Sep 2017 23:39

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.5	179.3
115	56.8	43.0	64.4



Abundance

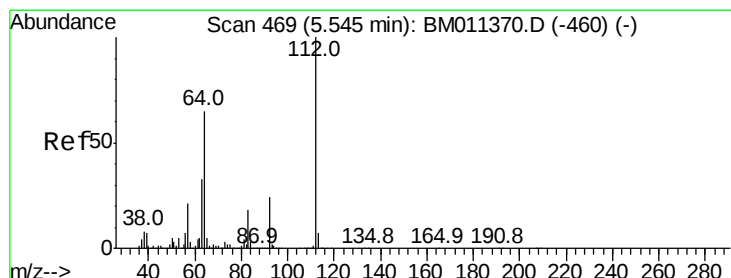
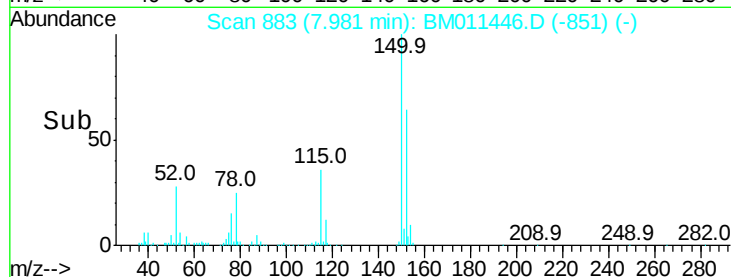
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.98

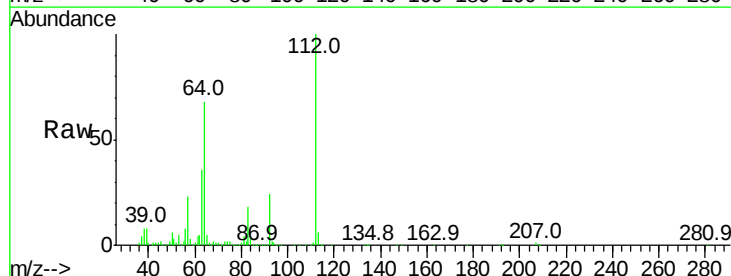
Time-->



#5

2-Fluorophenol
Concen: 142.002 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011446.D
Acq: 05 Sep 2017 23:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	38.6	57.8#
63	35.5	19.3	28.9#



Abundance

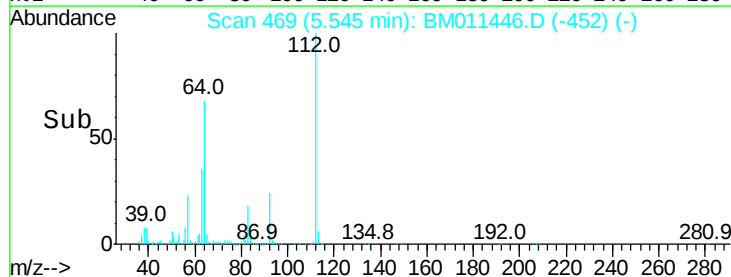
Ion 112.00 (111.70 to 112.70): E

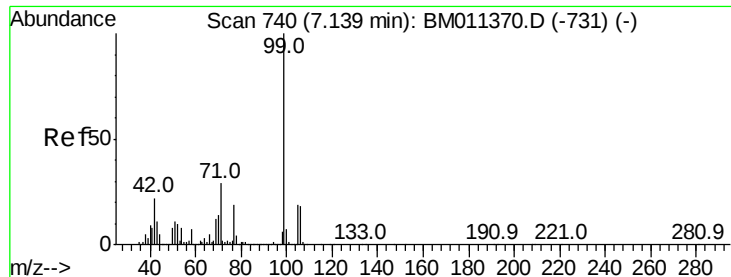
Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

5.55

Time-->





#7

Phenol-d6

Concen: 113.594 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011446.D

Acq: 05 Sep 2017 23:39

Instrument :

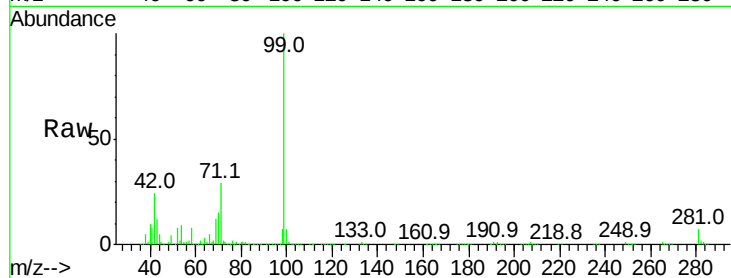
BNA_M

ClientSampleId :

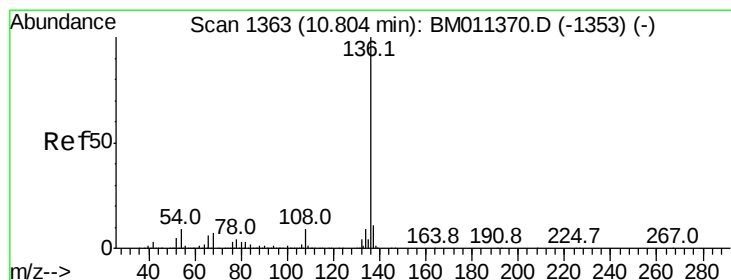
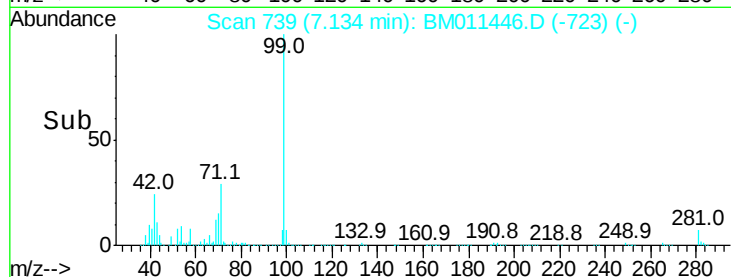
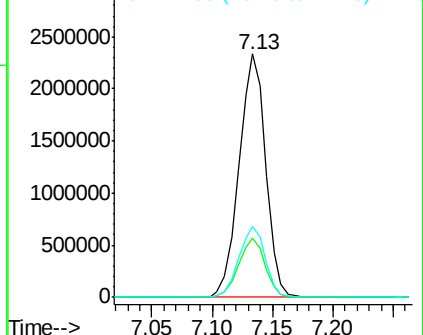
AU-06-090117-A

Tot Ion: 99 Resp: 3581051

Ion	Ratio	Lower	Upper
99	100		
42	24.2	11.0	16.4#
71	29.3	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

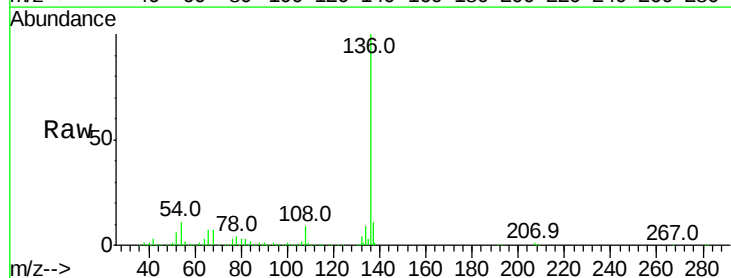
Delta R.T. -0.02 min

Lab File: BM011446.D

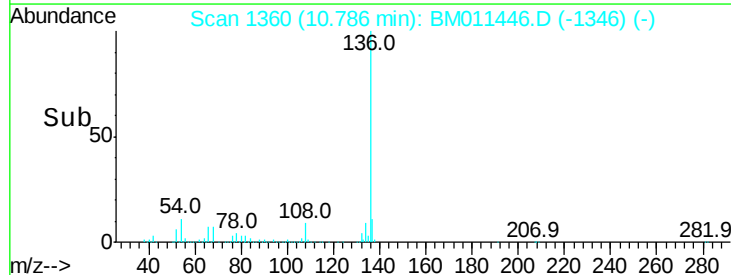
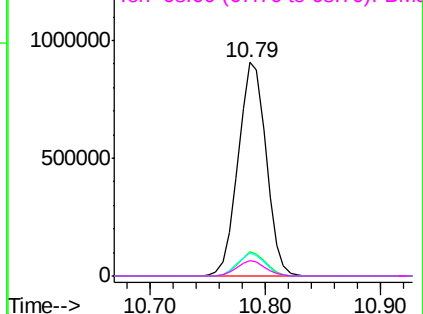
Acq: 05 Sep 2017 23:39

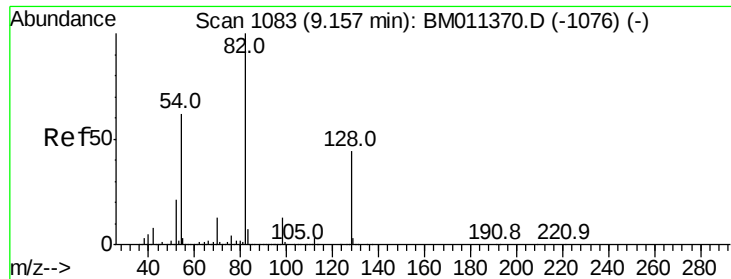
Tgt Ion: 136 Resp: 1525881

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.7	4.6	6.8#
68	7.1	3.7	5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)





#23

Nitrobenzene-d5

Concen: 112.005 ng

RT: 9.15 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BM011446.D

Acq: 05 Sep 2017 23:39

Instrument :

BNA_M

ClientSampleId :

AU-06-090117-A

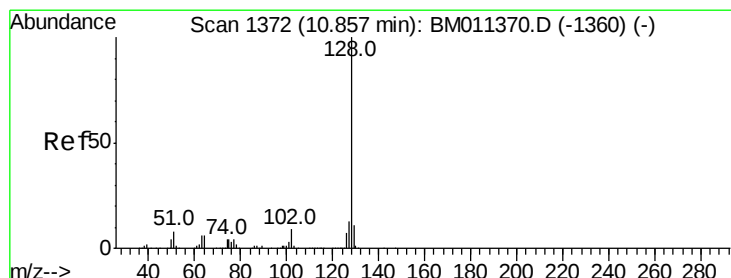
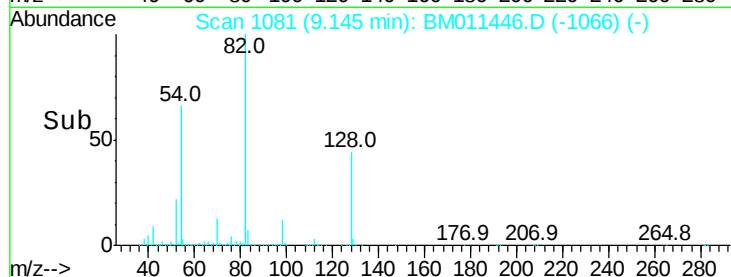
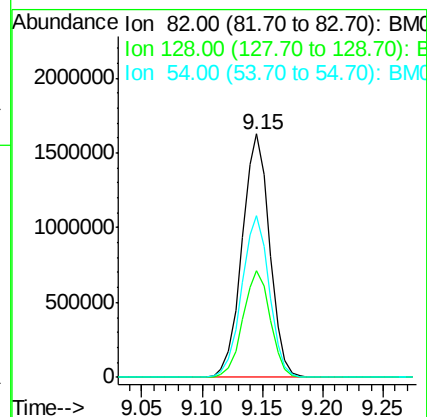
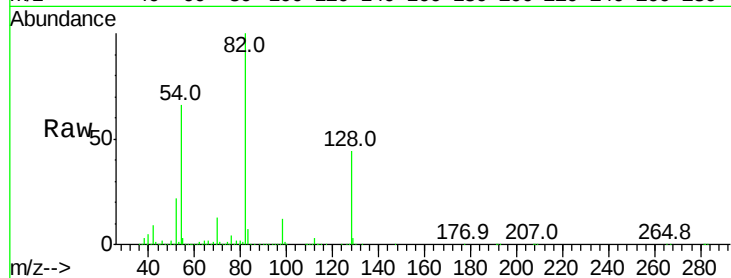
Tot Ion: 82 Resp: 2593482

Ion Ratio Lower Upper

82 100

128 43.6 32.8 49.2

54 66.2 40.6 60.8#



#31

Naphthalene

Concen: 2.904 ng

RT: 10.84 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BM011446.D

Acq: 05 Sep 2017 23:39

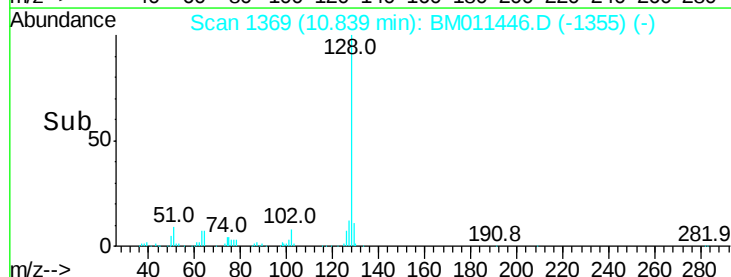
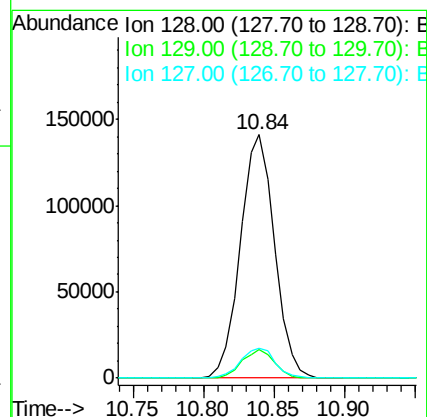
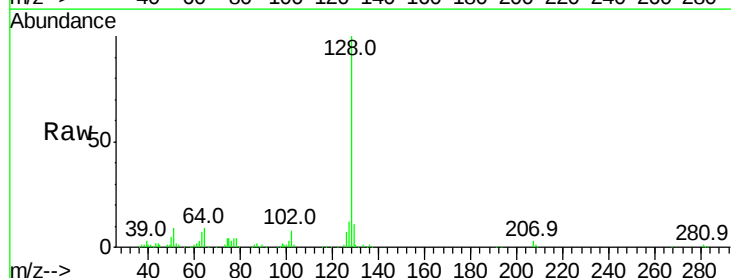
Tgt Ion: 128 Resp: 239259

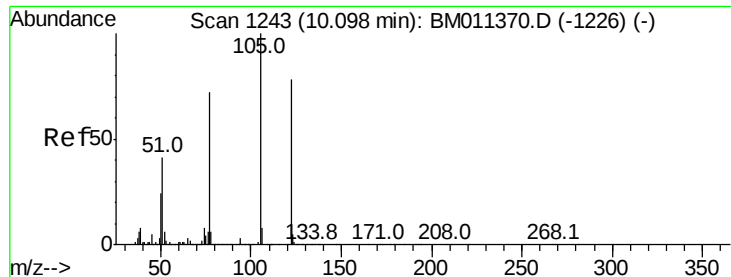
Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

127 12.4 10.4 15.6

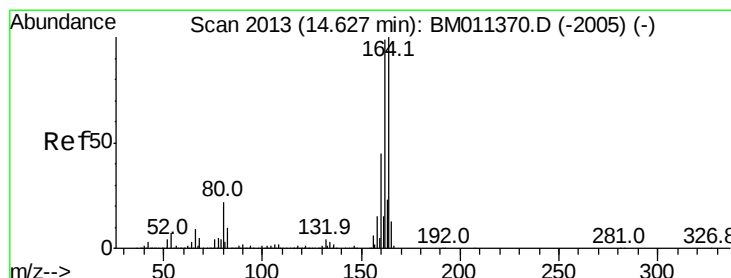
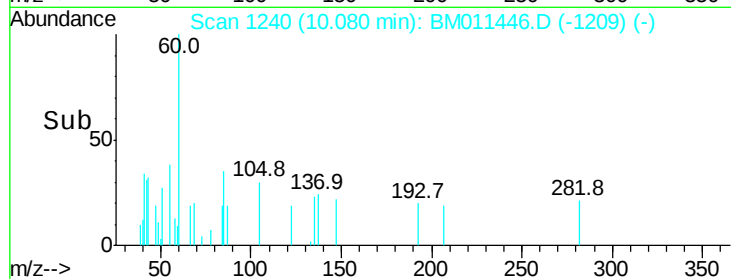
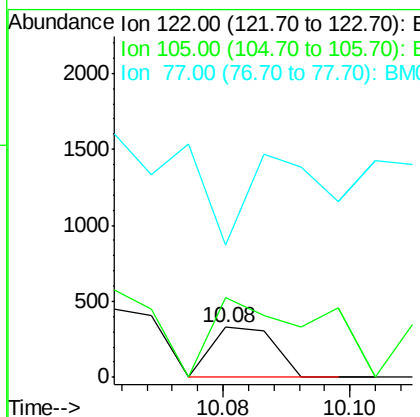
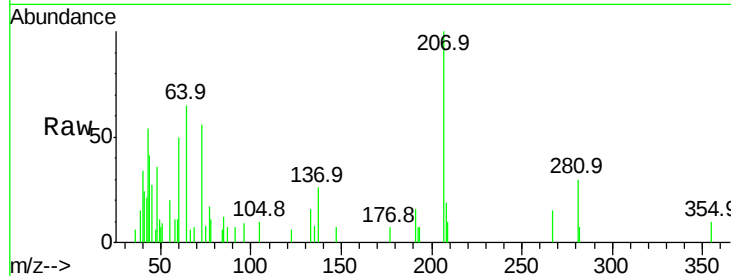




#32
Benzoic acid
Concen: 6.552 ng
RT: 10.08 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM011446.D
Acq: 05 Sep 2017 23:39

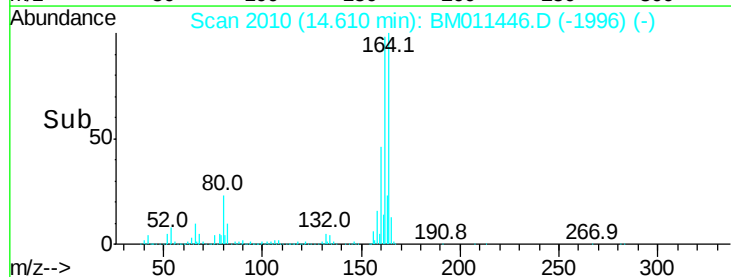
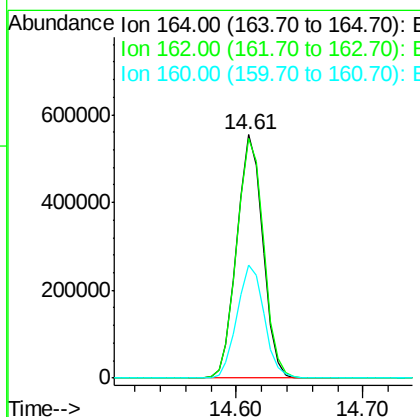
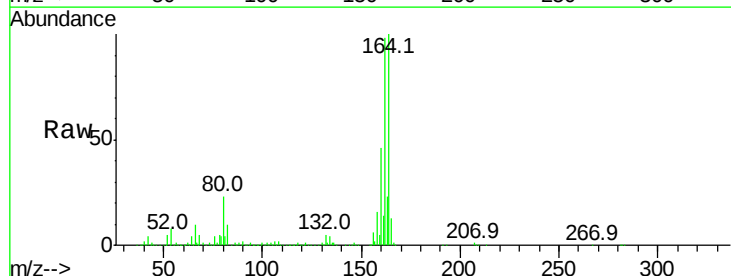
Instrument :
BNA_M
ClientSampleId :
AU-06-090117-A

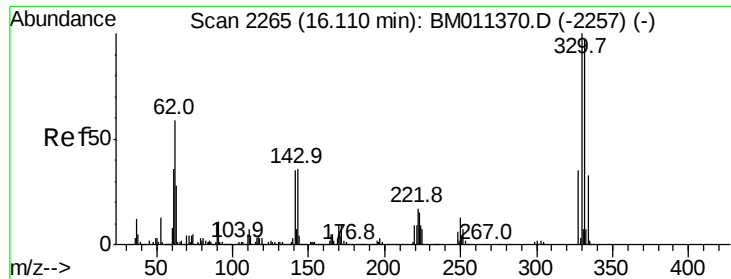
Tot Ion:122 Resp: 224
Ion Ratio Lower Upper
122 100
105 159.3 99.9 139.9#
77 265.3 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BM011446.D
Acq: 05 Sep 2017 23:39

Tgt Ion:164 Resp: 786087
Ion Ratio Lower Upper
164 100
162 98.5 82.4 123.6
160 46.5 35.8 53.6

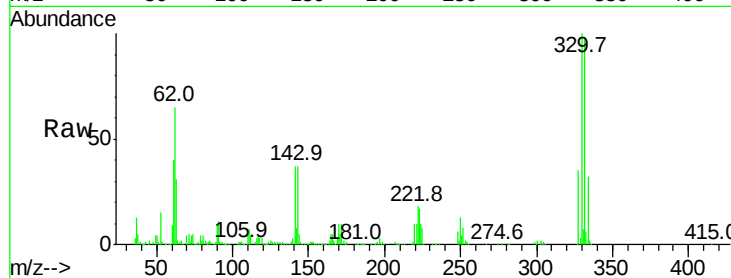




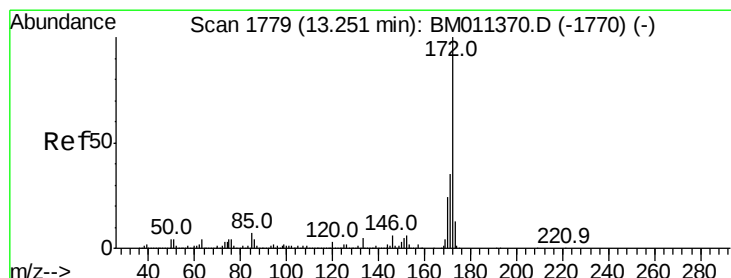
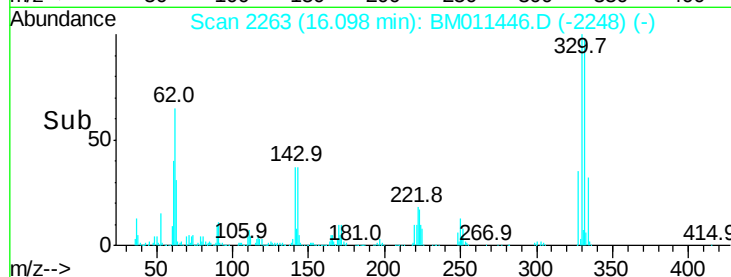
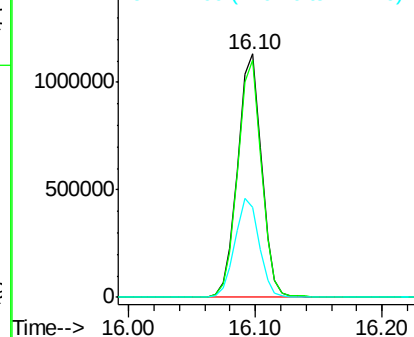
#41
2,4,6-Tribromophenol
Concen: 162.308 ng
RT: 16.10 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM011446.D
Acq: 05 Sep 2017 23:39

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

Tot Ion:330 Resp: 1476141
Ion Ratio Lower Upper
330 100
332 96.9 0.0 0.0#
141 41.3 0.0 0.0#

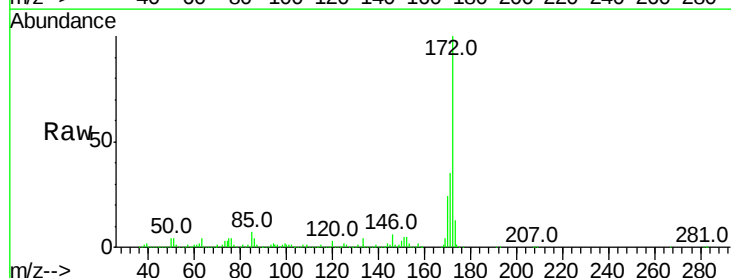


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

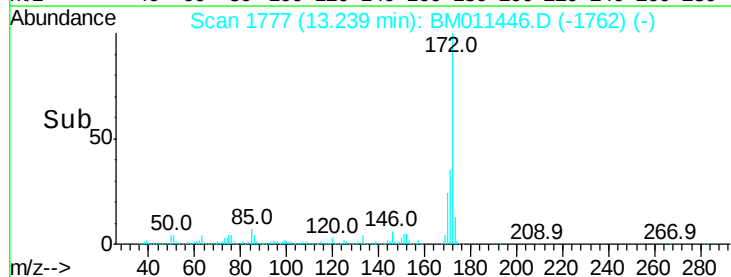
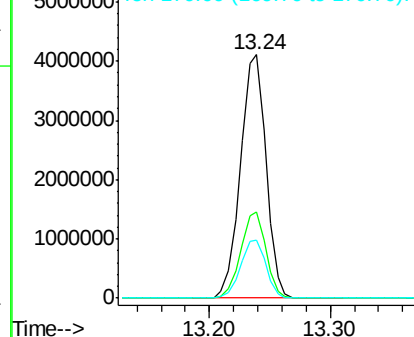


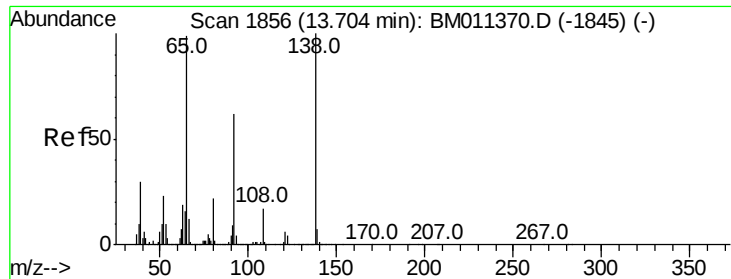
#44
2-Fluorobiphenyl
Concen: 111.195 ng
RT: 13.24 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM011446.D
Acq: 05 Sep 2017 23:39

Tgt Ion:172 Resp: 6063839
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

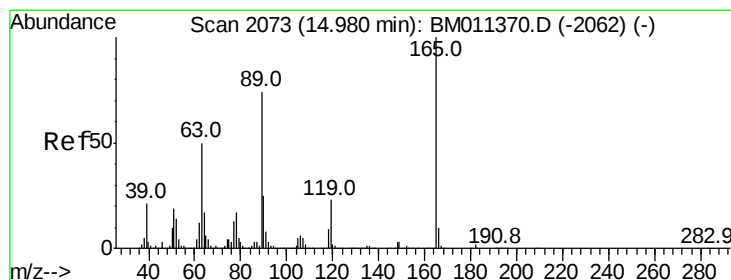
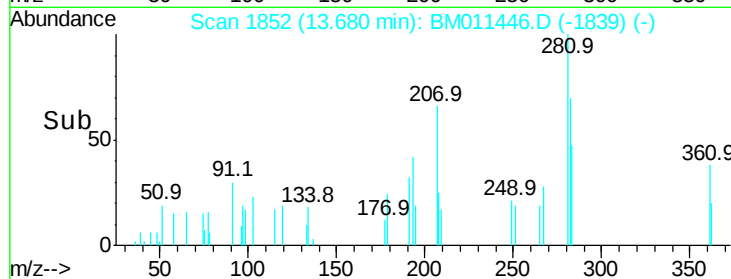
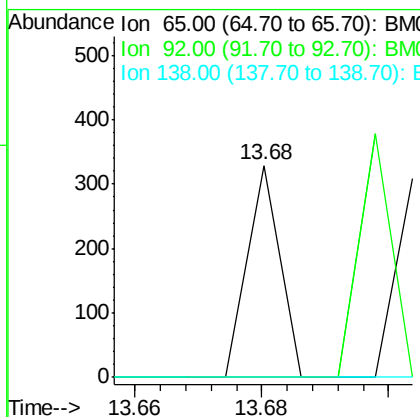
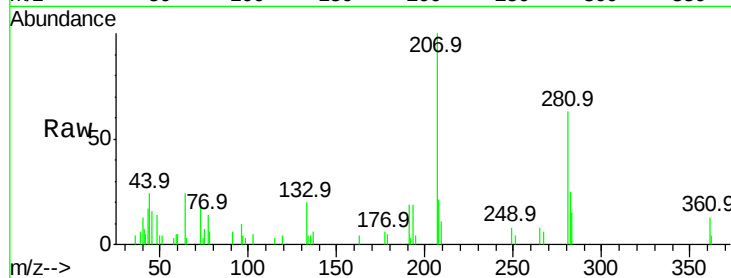




#47
2-Nitroaniline
Concen: 5.444 ng
RT: 13.68 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BM011446.D
Acq: 05 Sep 2017 23:39

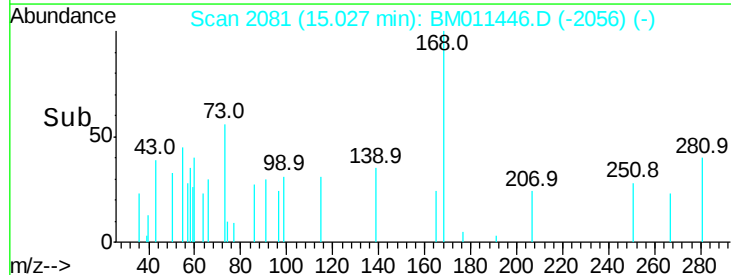
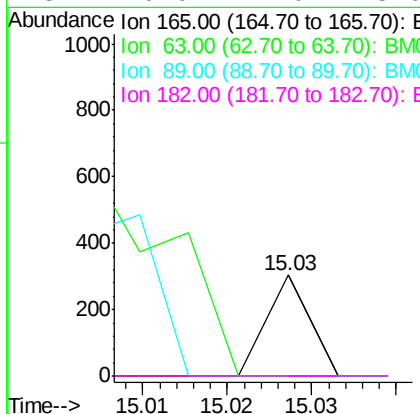
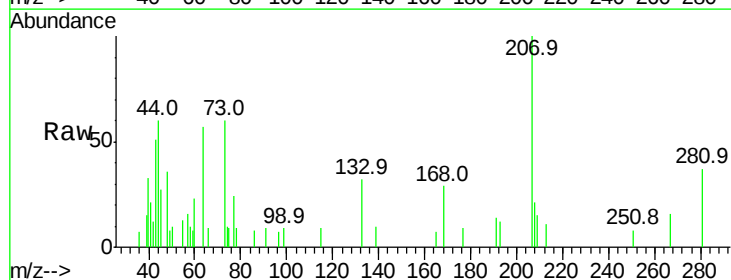
Instrument :
BNA_M
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AU-06-090117-A

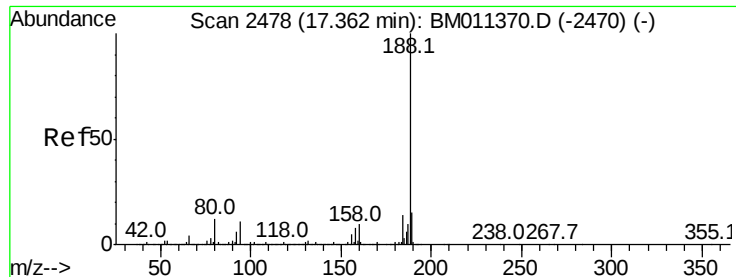
Tot Ion: 65 Resp: 116
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#



#56
2,4-Dinitrotoluene
Concen: 5.145 ng
RT: 15.03 min Scan# 2081
Delta R.T. 0.05 min
Lab File: BM011446.D
Acq: 05 Sep 2017 23:39

Tgt Ion: 165 Resp: 107
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#

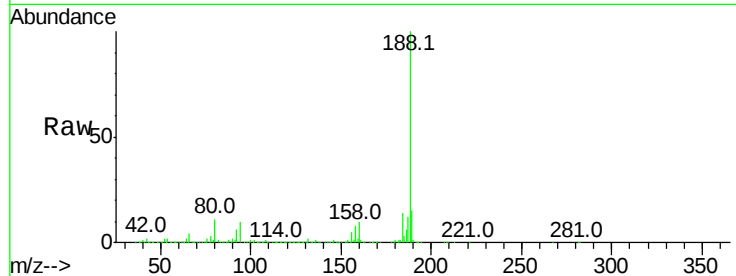




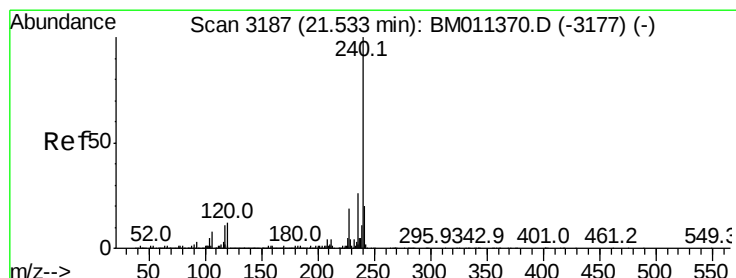
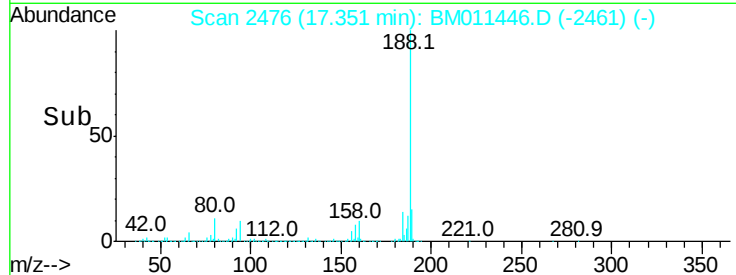
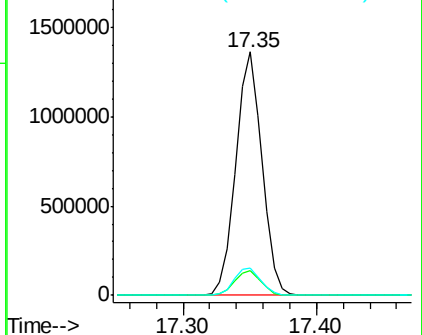
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011446.D
Acq: 05 Sep 2017 23:39

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

Tot Ion:188 Resp: 1853498
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.3 9.3 13.9

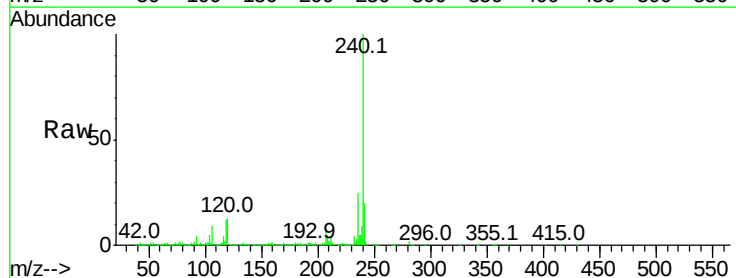


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM011446.D (-2461) (-)
Ion 80.00 (79.70 to 80.70): BM011446.D (-2461) (-)

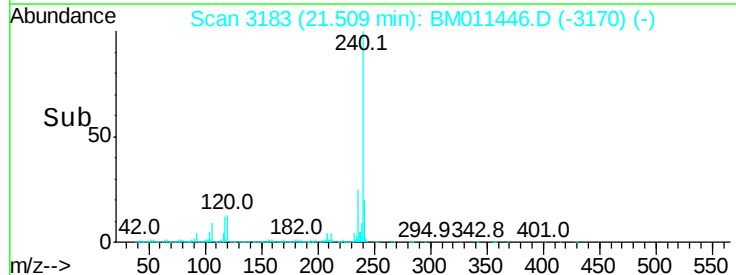
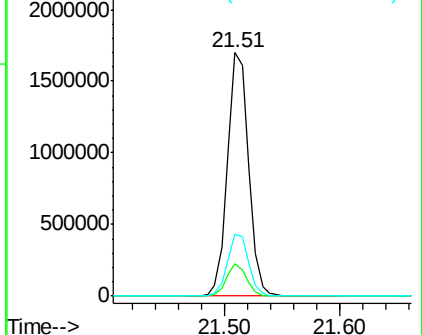


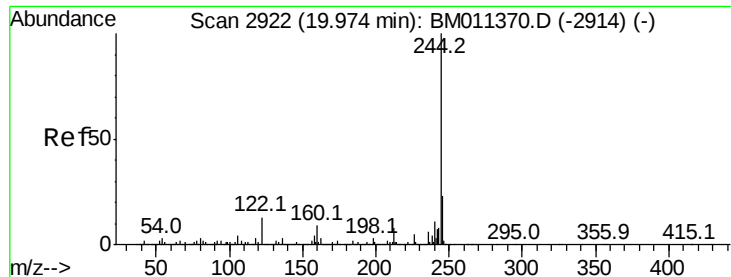
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BM011446.D
Acq: 05 Sep 2017 23:39

Tgt Ion:240 Resp: 2155442
Ion Ratio Lower Upper
240 100
120 13.5 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: 108.391 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011446.D

Acq: 05 Sep 2017 23:39

Instrument :

BNA_M

ClientSampleId :

AU-06-090117-A

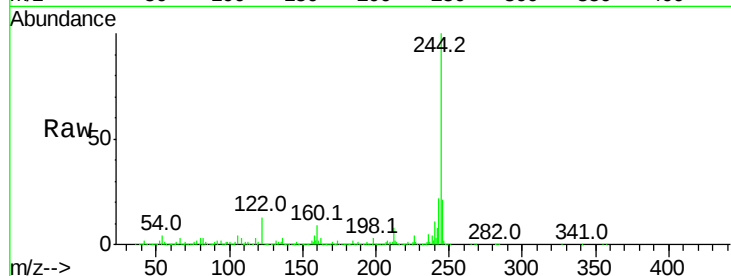
Tot Ion:244 Resp: 9415993

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

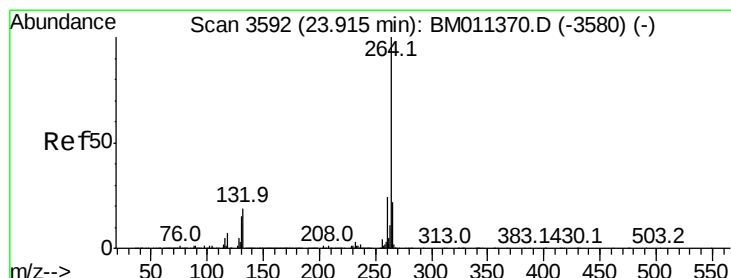
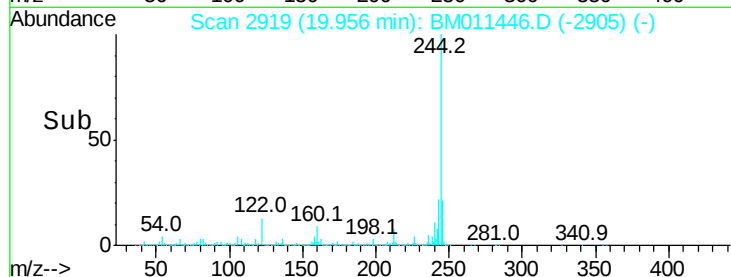
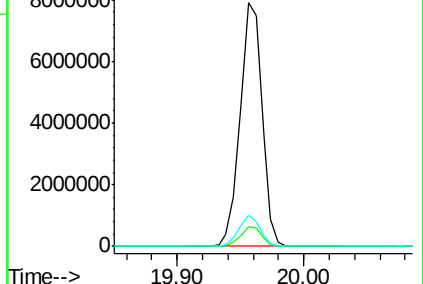
122 12.7 6.2 9.4#



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: 23.89 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BM011446.D

Acq: 05 Sep 2017 23:39

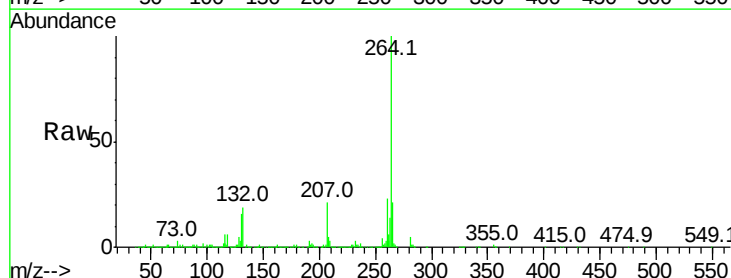
Tgt Ion:264 Resp: 1853574

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.4 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

