

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083117\
 Data File : BM011406.D
 Acq On : 01 Sep 2017 12:01
 Operator : SJ/JU
 Sample : I4985-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Quant Time: Sep 01 13:18:49 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

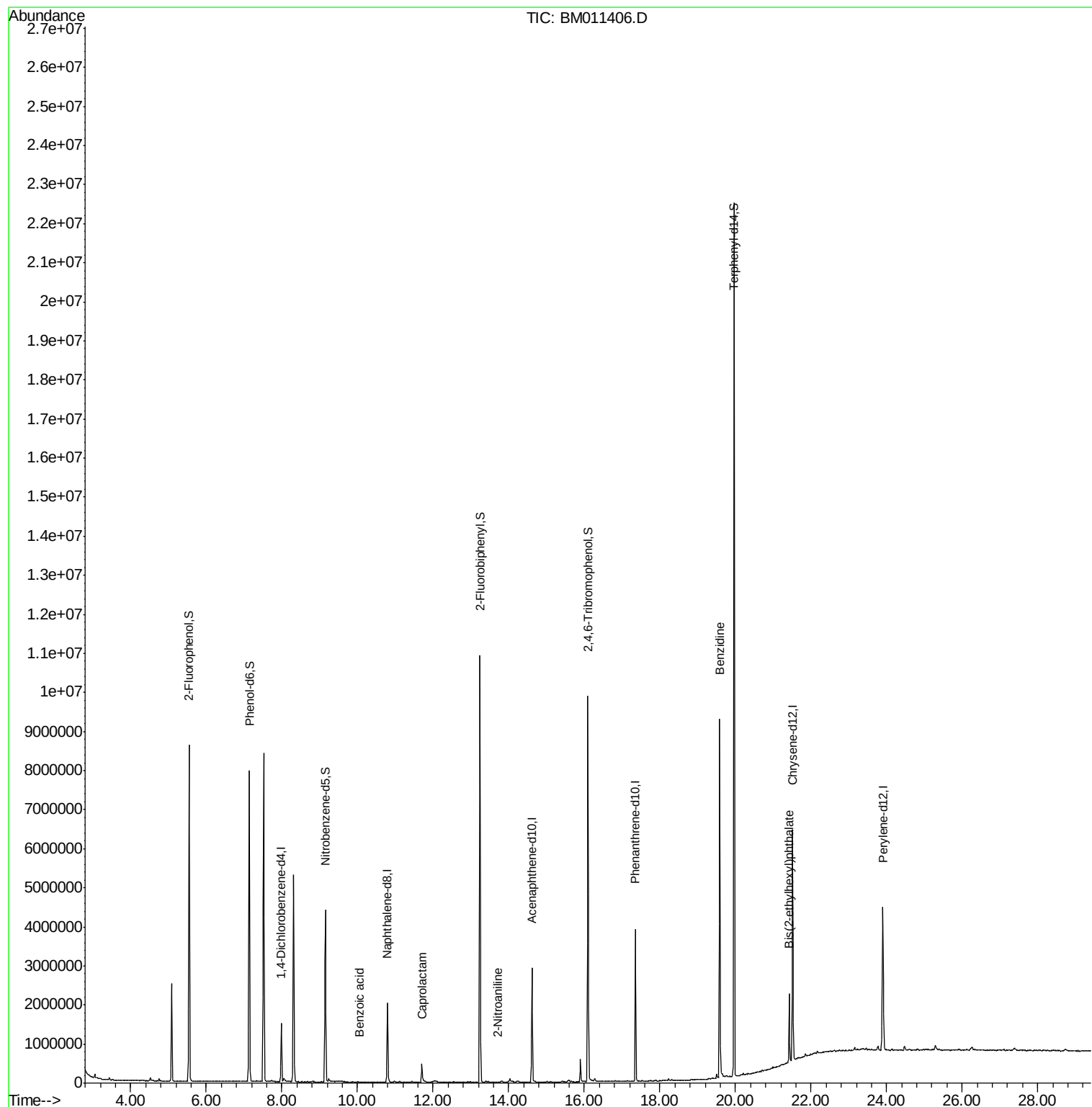
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	392630	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	1677088	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	942836	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2170358	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2740871	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2691515	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3368226	144.40	ng	0.00
7) Phenol-d6	7.14	99	4385706	135.60	ng	0.00
23) Nitrobenzene-d5	9.15	82	2300120	90.38	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1538309	141.02	ng	-0.01
44) 2-Fluorobiphenyl	13.25	172	5660193	86.54	ng	0.00
78) Terphenyl-d14	19.96	244	8949518	81.02	ng	-0.01
Target Compounds						
32) Benzoic acid	10.06	122	110	6.545	ng	# 1
35) Caprolactam	11.70	113	84800	9.465	ng	# 71
47) 2-Nitroaniline	13.72	65	371	5.454	ng	# 1
76) Benzidine	19.59	184	4821227	89.125	ng	99
83) Bis(2-ethylhexyl)phthalate	21.42	149	529636	4.869	ng	# 98

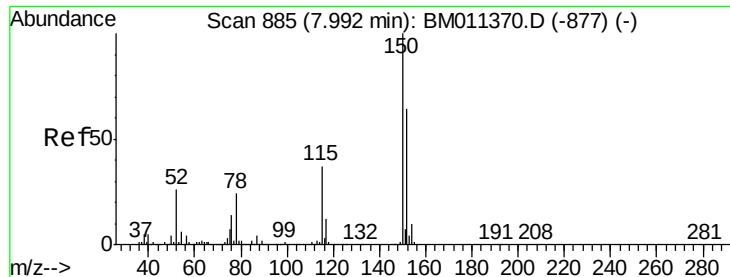
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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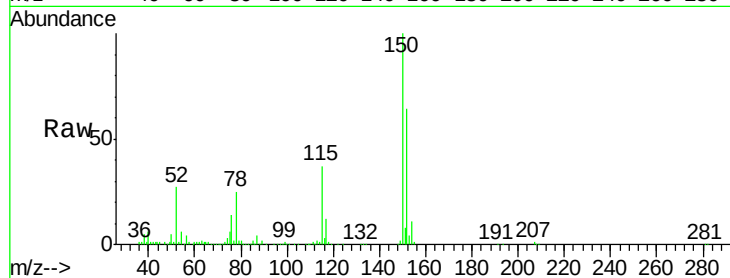


#1

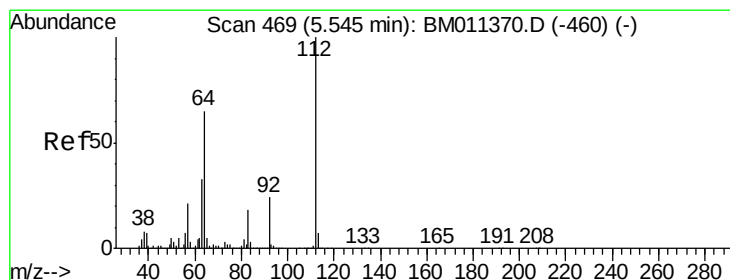
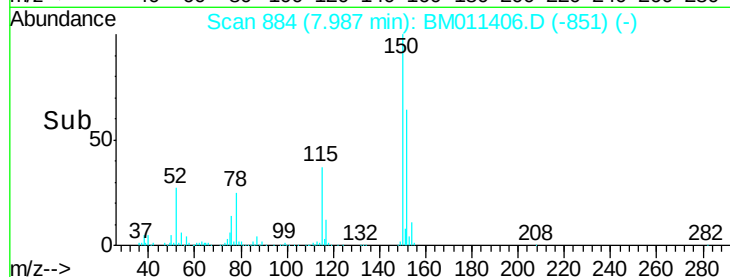
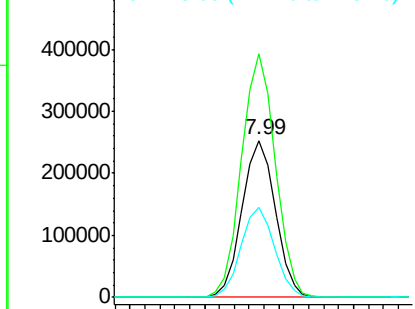
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011406.D
Acq: 01 Sep 2017 12:01

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.5	179.3
115	57.4	43.0	64.4



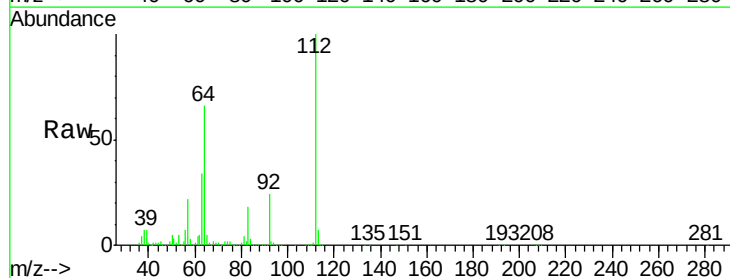
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



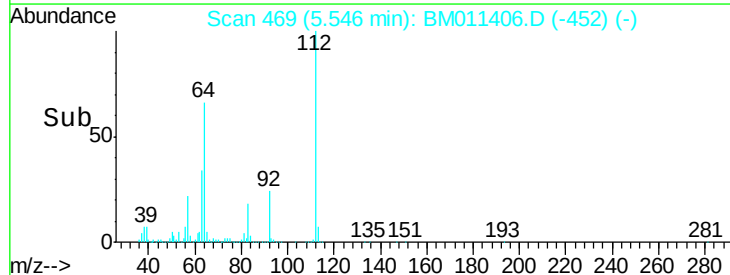
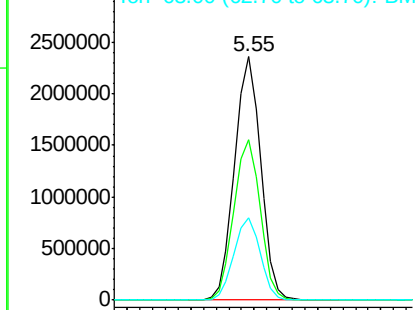
#5

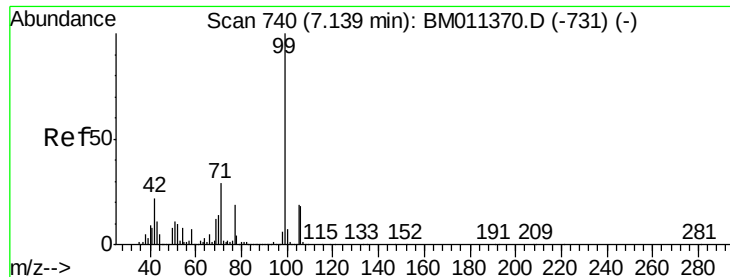
2-Fluorophenol
Concen: 144.402 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011406.D
Acq: 01 Sep 2017 12:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	38.6	57.8#
63	33.9	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: 135.598 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011406.D

Acq: 01 Sep 2017 12:01

Instrument :

BNA_M

ClientSampleId :

WC-1

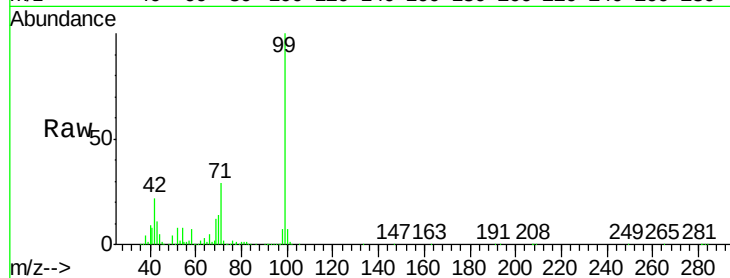
Tgt Ion: 99 Resp: 4385706

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

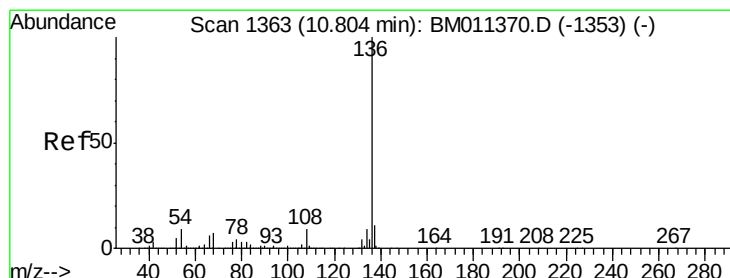
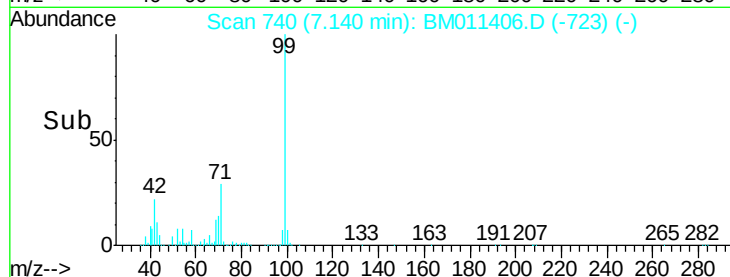
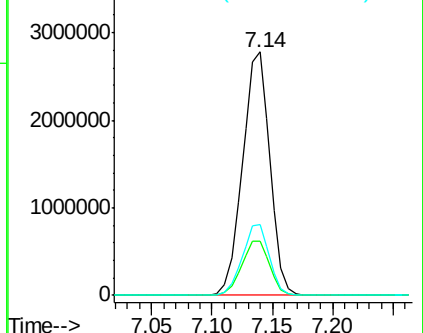
71 28.8 23.4 35.2



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

Ion 42.00 (41.70 to 42.70): BM011370.D (-731) (-)

Ion 71.00 (70.70 to 71.70): BM011370.D (-731) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BM011406.D

Acq: 01 Sep 2017 12:01

Tgt Ion: 136 Resp: 1677088

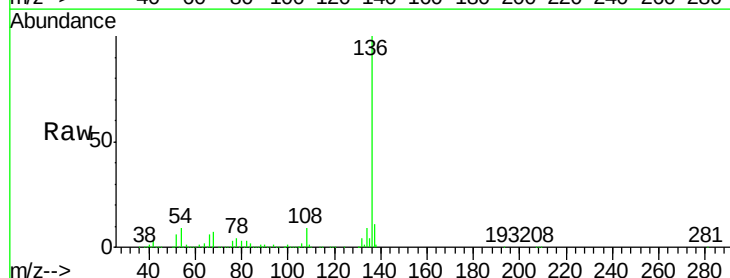
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.3 4.6 6.8#

68 7.1 3.7 5.5#

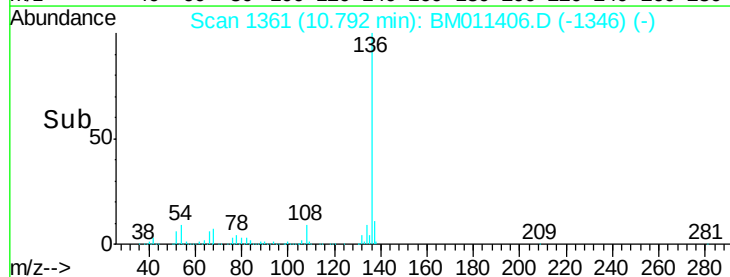
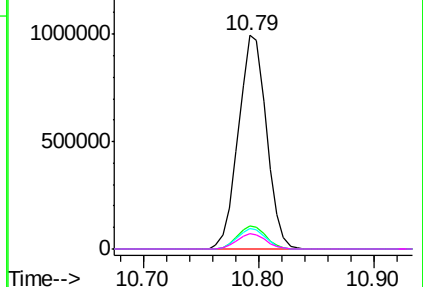


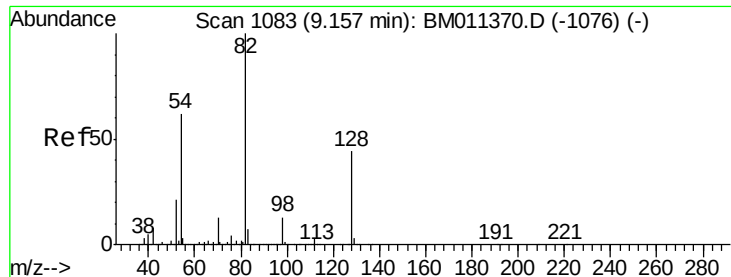
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1353) (-)

Ion 68.00 (67.70 to 68.70): BM011370.D (-1353) (-)





#23

Nitrobenzene-d5

Concen: 90.379 ng

RT: 9.15 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM011406.D

Acq: 01 Sep 2017 12:01

Instrument :

BNA_M

ClientSampled :

WC-1

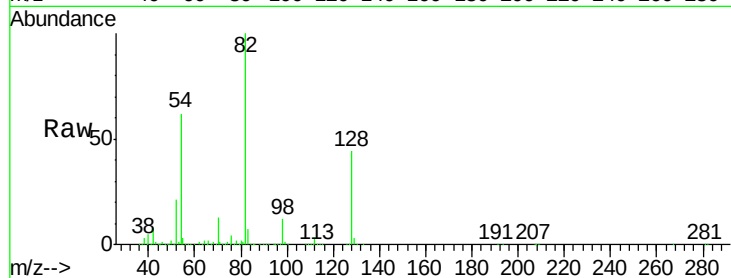
Tgt Ion: 82 Resp: 2300120

Ion Ratio Lower Upper

82 100

128 43.9 32.8 49.2

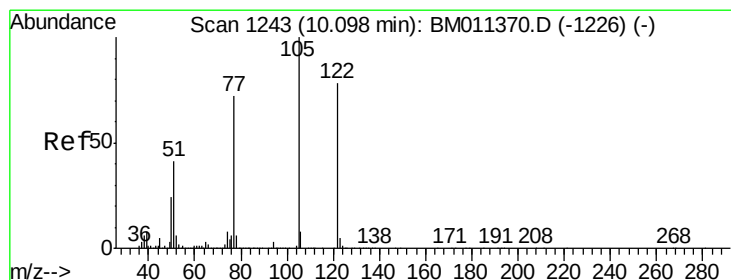
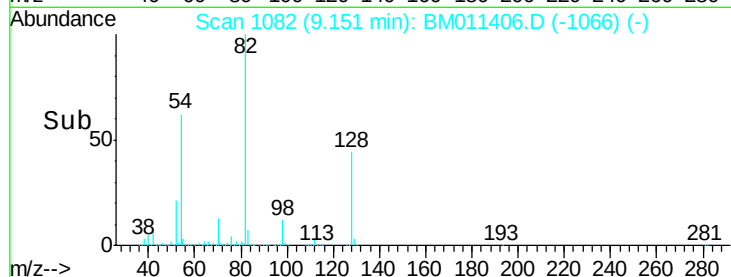
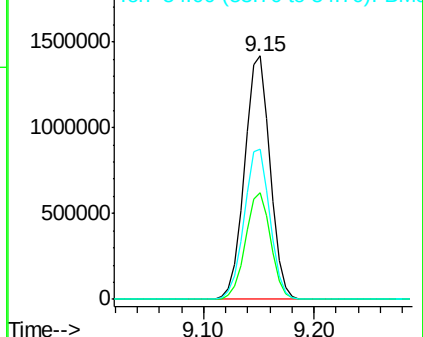
54 61.7 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM011406.D (-1066) (-)

Ion 128.00 (127.70 to 128.70): BM011406.D (-1066) (-)

Ion 54.00 (53.70 to 54.70): BM011406.D (-1066) (-)



#32

Benzoic acid

Concen: 6.545 ng

RT: 10.06 min Scan# 1237

Delta R.T. -0.04 min

Lab File: BM011406.D

Acq: 01 Sep 2017 12:01

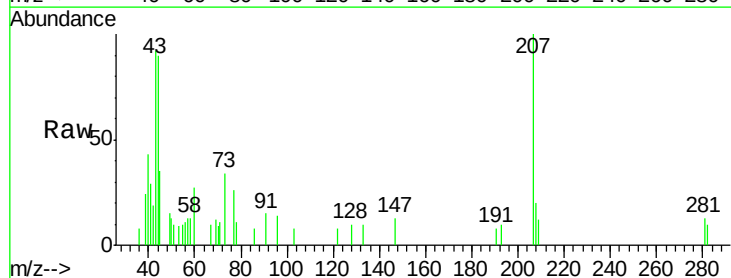
Tgt Ion: 122 Resp: 110

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

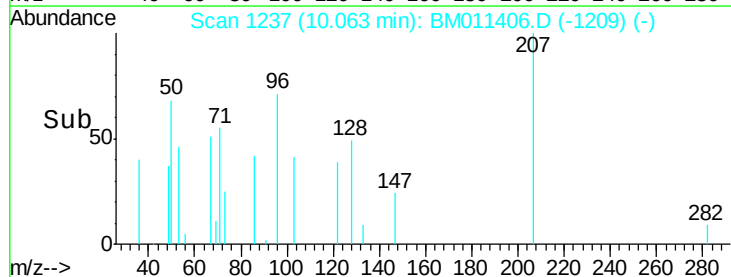
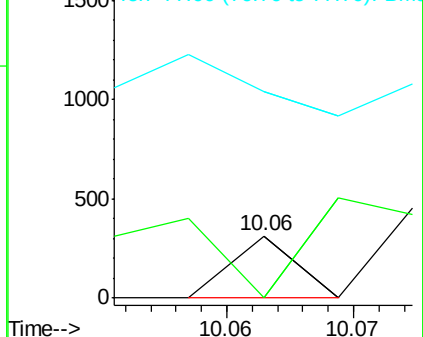
77 331.6 73.7 113.7#

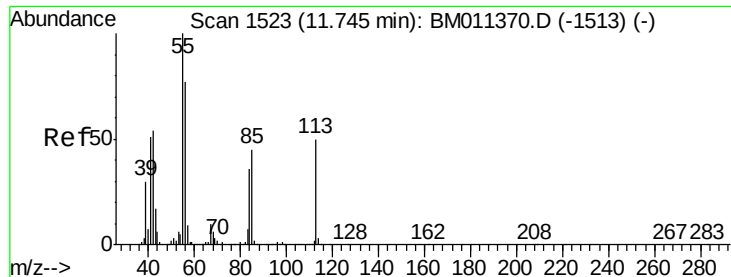


Abundance Ion 122.00 (121.70 to 122.70): BM011406.D (-1209) (-)

Ion 105.00 (104.70 to 105.70): BM011406.D (-1209) (-)

Ion 77.00 (76.70 to 77.70): BM011406.D (-1209) (-)

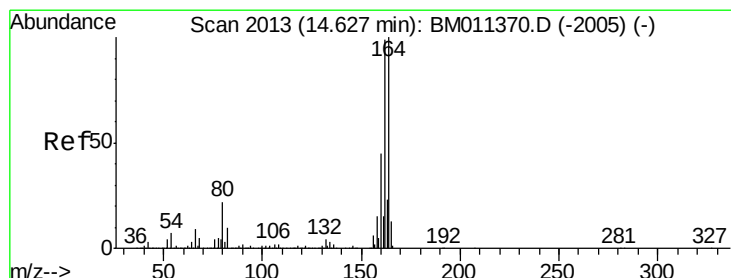
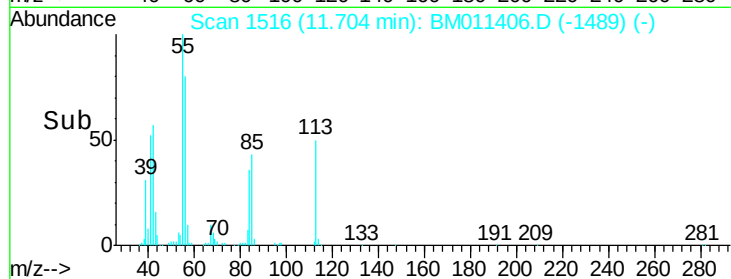
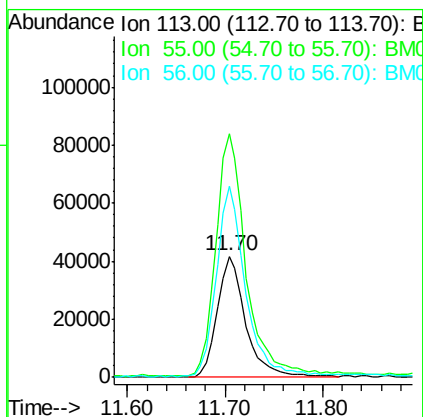
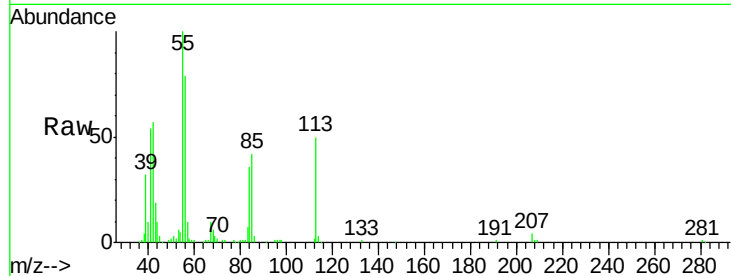




#35
 Caprolactam
 Concen: 9.465 ng
 RT: 11.70 min Scan# 1516
 Delta R.T. -0.04 min
 Lab File: BM011406.D
 Acq: 01 Sep 2017 12:01

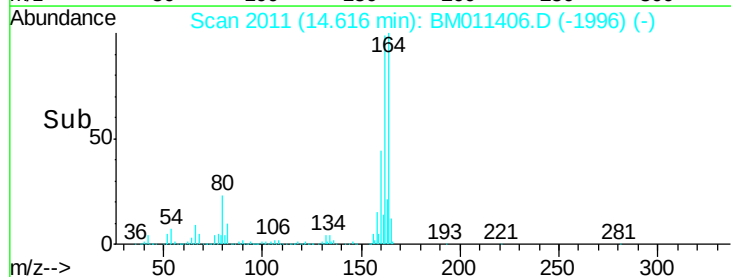
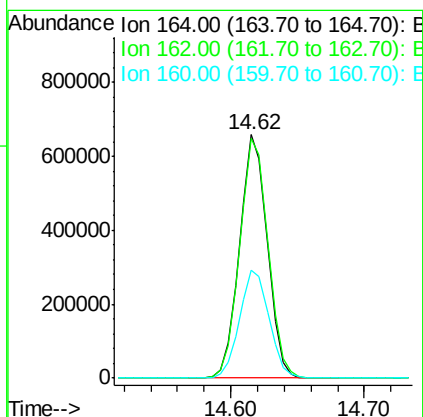
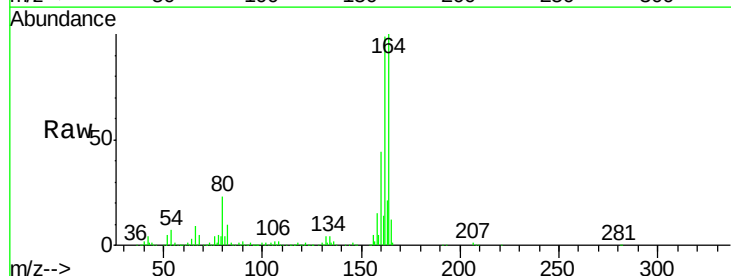
Instrument :
 BNA_M
 ClientSampleId :
 WC-1

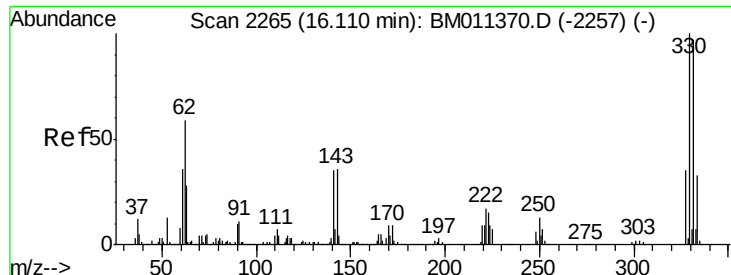
Tgt Ion:113 Resp: 84800
 Ion Ratio Lower Upper
 113 100
 55 201.0 145.9 185.9#
 56 158.2 101.0 141.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM011406.D
 Acq: 01 Sep 2017 12:01

Tgt Ion:164 Resp: 942836
 Ion Ratio Lower Upper
 164 100
 162 98.7 82.4 123.6
 160 44.1 35.8 53.6

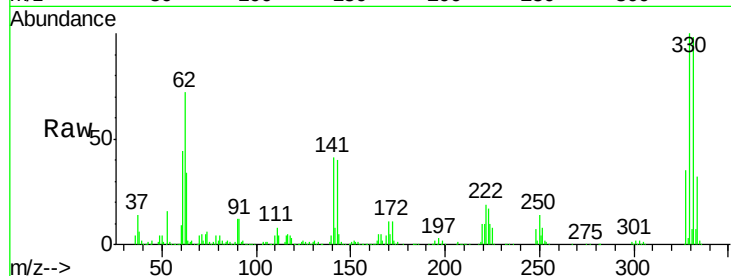




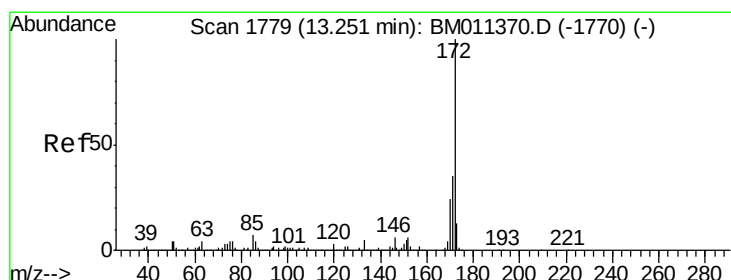
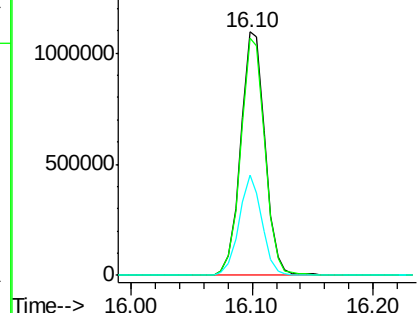
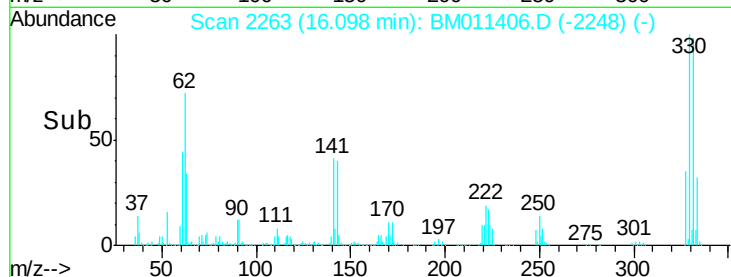
#41
 2,4,6-Tribromophenol
 Concen: 141.023 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011406.D
 Acq: 01 Sep 2017 12:01

Instrument :
 BNA_M
 ClientSampled :
 WC-1

Tgt Ion:330 Resp: 1538309
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 39.1 0.0 0.0#

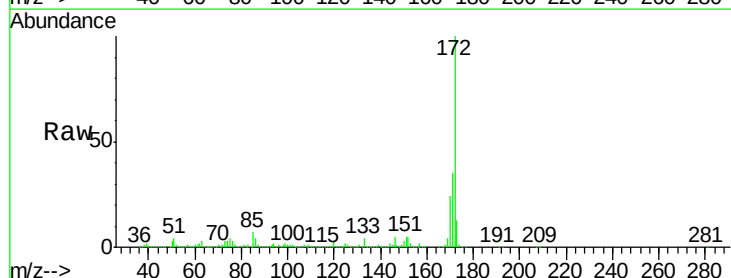


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

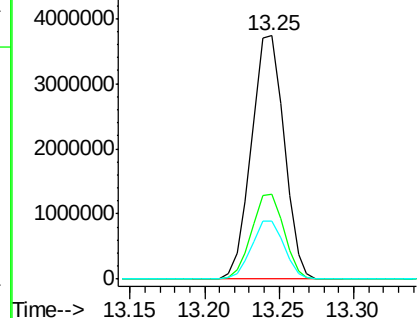
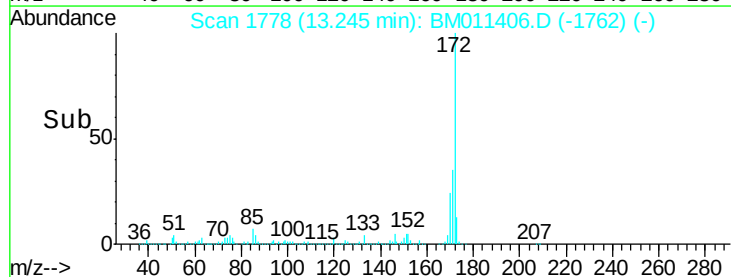


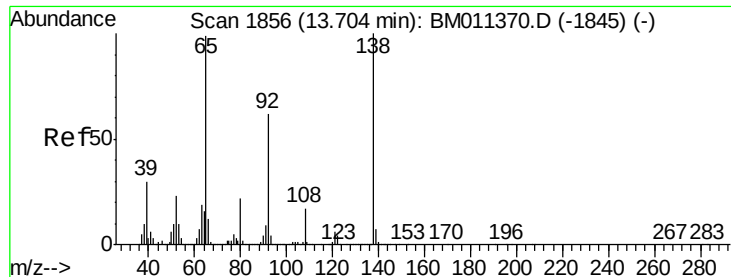
#44
 2-Fluorobiphenyl
 Concen: 86.537 ng
 RT: 13.25 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM011406.D
 Acq: 01 Sep 2017 12:01

Tgt Ion:172 Resp: 5660193
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.7 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

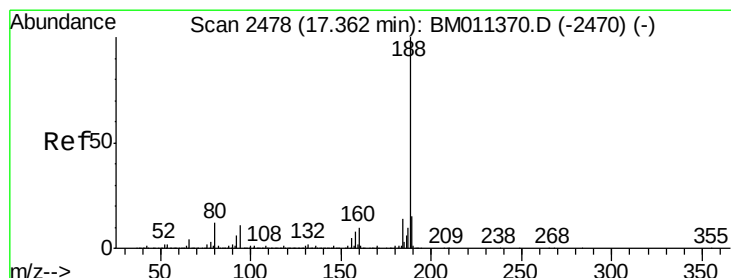
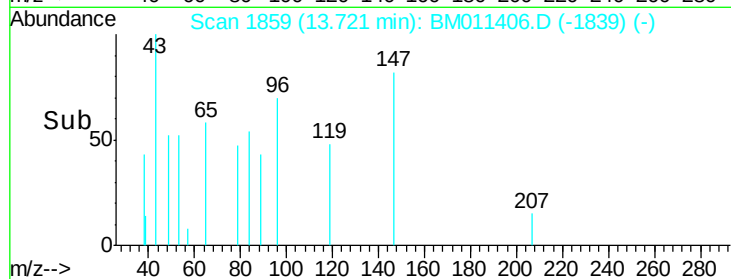
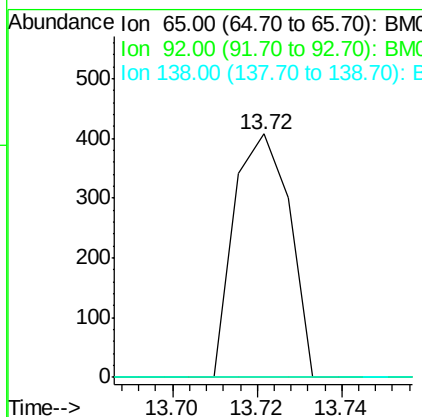
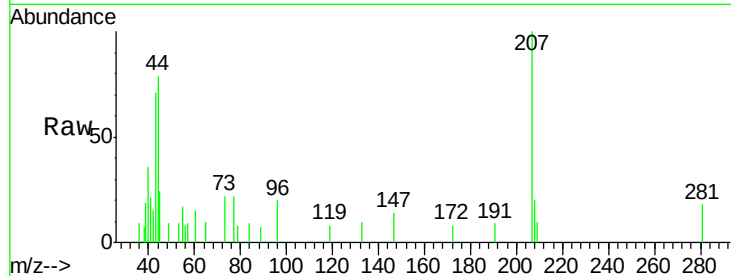




#47
2-Nitroaniline
Concen: 5.454 ng
RT: 13.72 min Scan# 1859
Delta R.T. 0.02 min
Lab File: BM011406.D
Acq: 01 Sep 2017 12:01

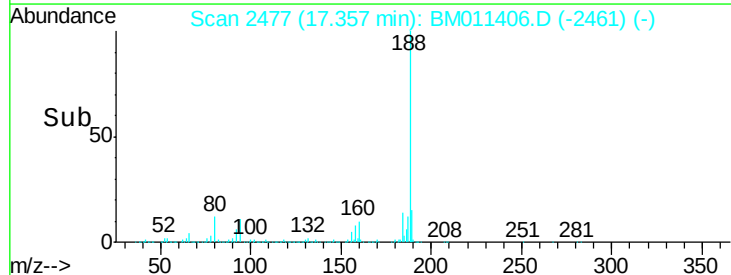
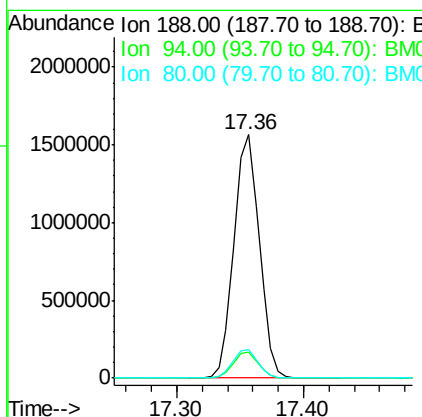
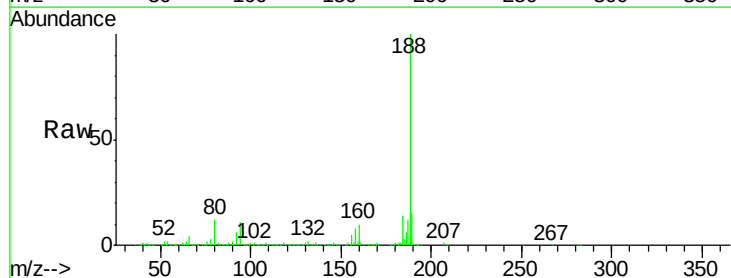
Instrument :
BNA_M
ClientSampled :
WC-1

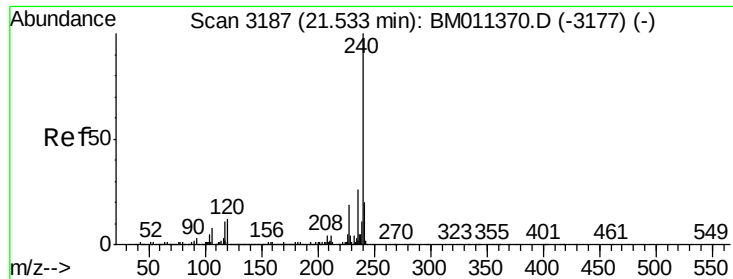
Tgt Ion: 65 Resp: 371
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011406.D
Acq: 01 Sep 2017 12:01

Tgt Ion: 188 Resp: 2170358
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.8 9.3 13.9

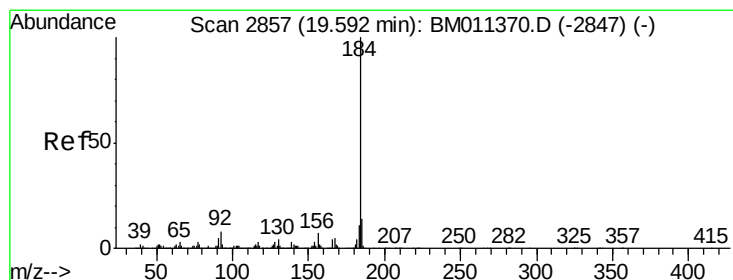
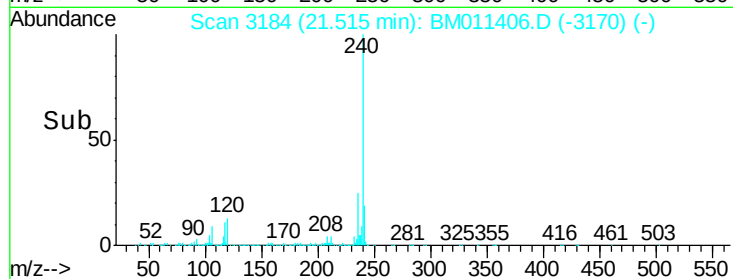
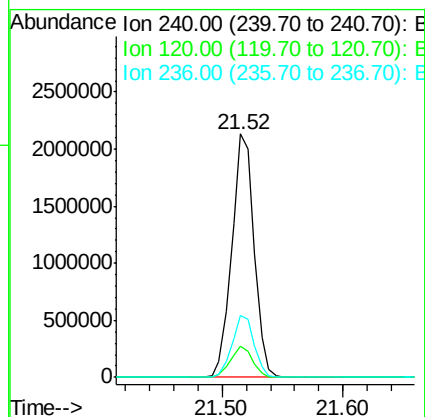
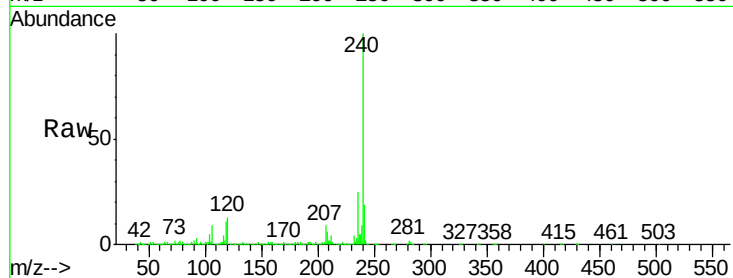




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011406.D
Acq: 01 Sep 2017 12:01

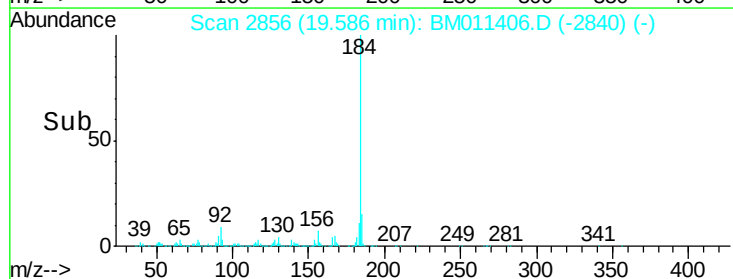
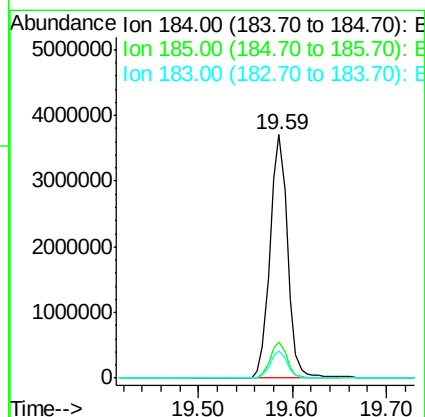
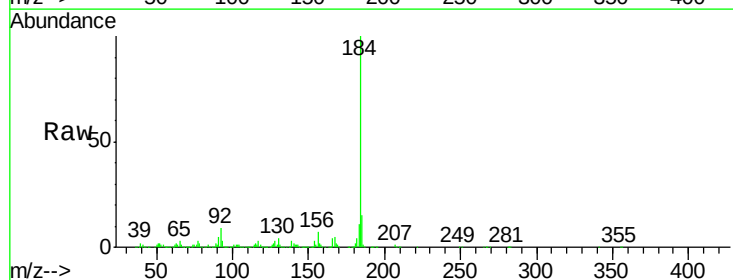
Instrument :
BNA_M
ClientSampled :
WC-1

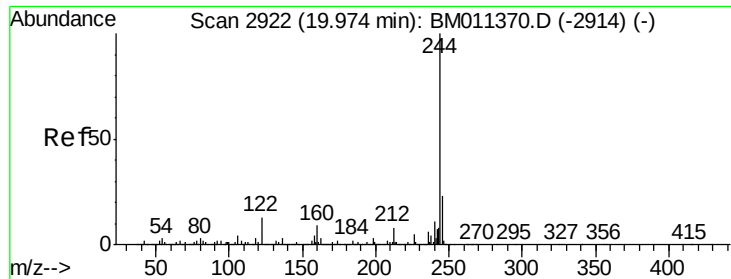
Tgt Ion:240 Resp: 2740871
Ion Ratio Lower Upper
240 100
120 12.7 8.2 12.2#
236 25.4 20.0 30.0



#76
Benzidine
Concen: 89.125 ng
RT: 19.59 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BM011406.D
Acq: 01 Sep 2017 12:01

Tgt Ion:184 Resp: 4821227
Ion Ratio Lower Upper
184 100
185 14.8 11.3 16.9
183 11.3 8.9 13.3

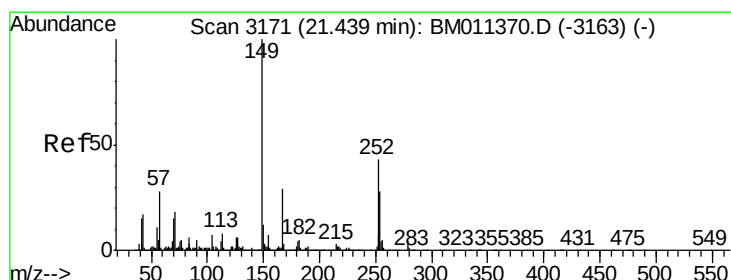
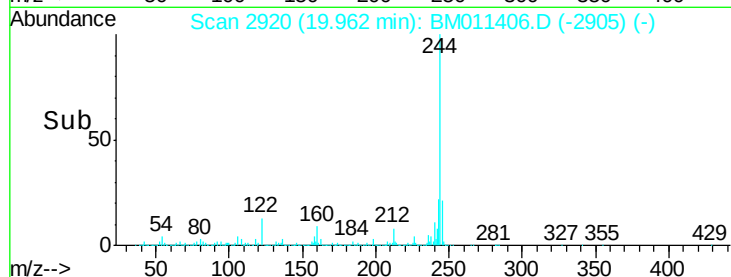
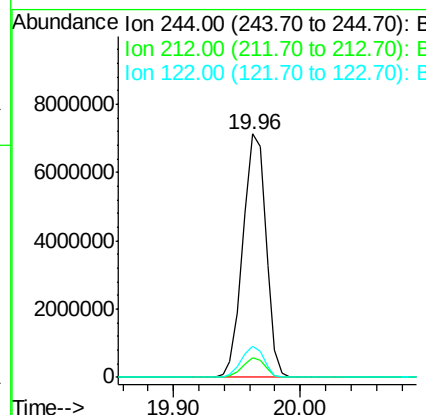
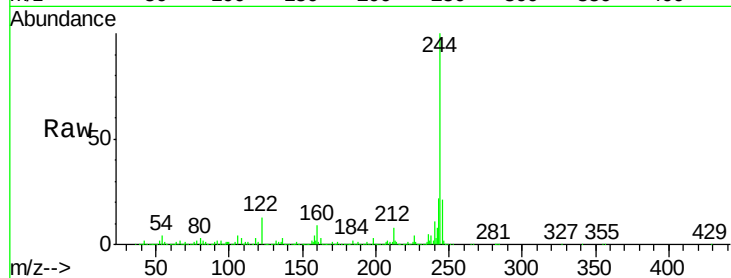




#78
 Terphenyl-d14
 Concen: 81.017 ng
 RT: 19.96 min Scan# 2920
 Delta R.T. -0.01 min
 Lab File: BM011406.D
 Acq: 01 Sep 2017 12:01

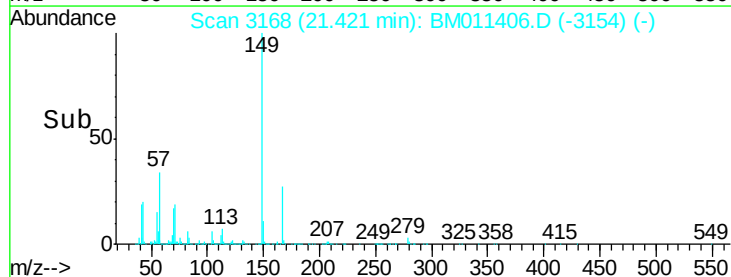
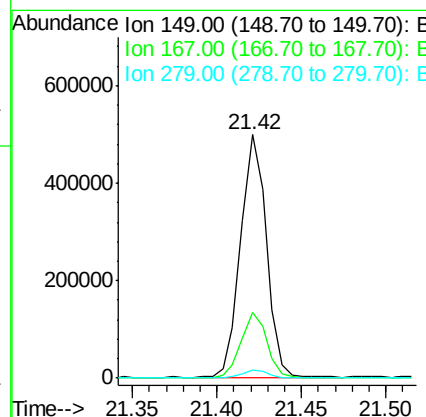
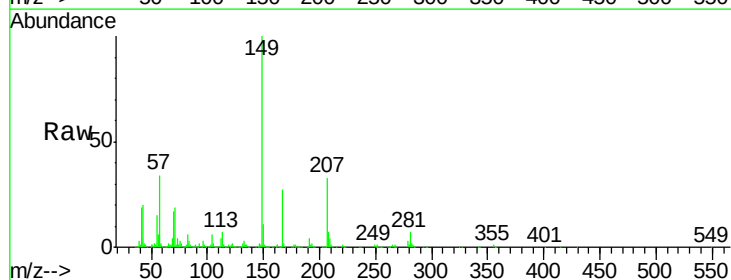
Instrument :
 BNA_M
 ClientSampleId :
 WC-1

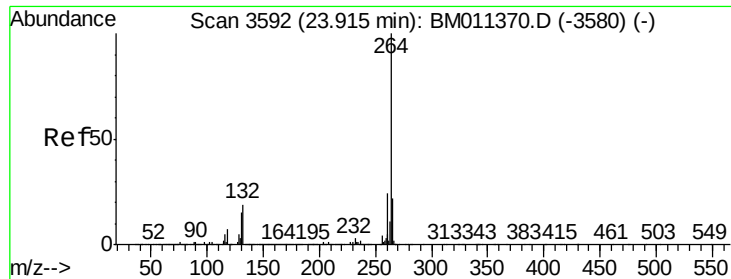
Tgt Ion:244 Resp: 8949518
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.9 7.3#
 122 13.0 6.2 9.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.869 ng
 RT: 21.42 min Scan# 3168
 Delta R.T. -0.02 min
 Lab File: BM011406.D
 Acq: 01 Sep 2017 12:01

Tgt Ion:149 Resp: 529636
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.4 33.6
 279 3.1 3.4 5.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BM011406.D
Acq: 01 Sep 2017 12:01

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion: 264 Resp: 2691515

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.0	17.3	25.9

