

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083117\
 Data File : BM011403.D
 Acq On : 01 Sep 2017 10:12
 Operator : SJ/JU
 Sample : I5023-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-01-082917-B

Quant Time: Sep 01 11:24:16 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

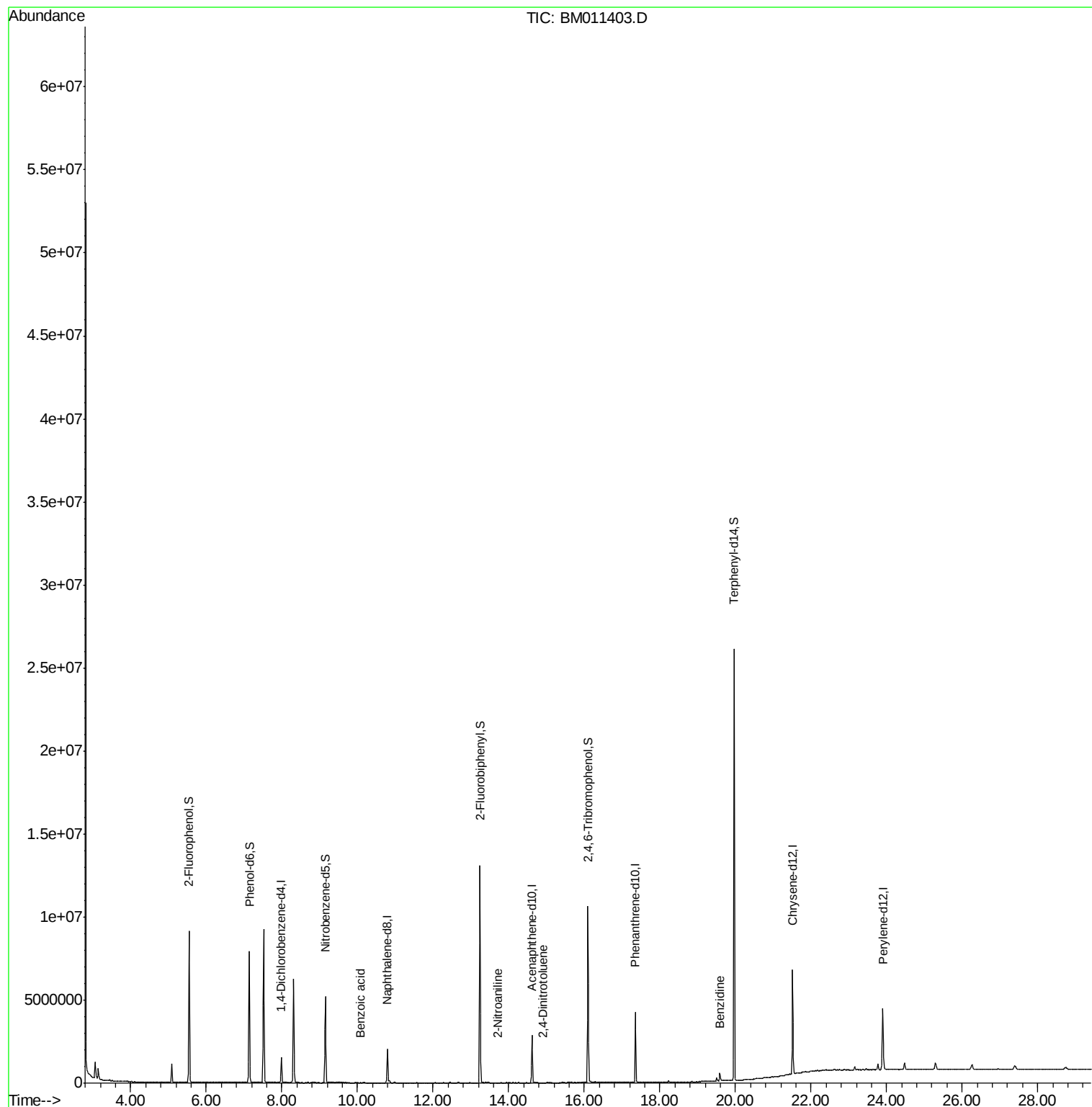
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	411683	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	1699750	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	945132	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2288321	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2861729	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2636779	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3591649	146.85	ng	0.00
7) Phenol-d6	7.14	99	4377641	129.08	ng	0.00
23) Nitrobenzene-d5	9.15	82	2648976	102.70	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1748043	159.86	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	6639227	101.26	ng	0.00
78) Terphenyl-d14	19.97	244	10520555	91.22	ng	0.00
Target Compounds						
32) Benzoic acid	10.09	122	110	6.545	ng	# 12
47) 2-Nitroaniline	13.71	65	110	5.442	ng	# 1
56) 2,4-Dinitrotoluene	14.91	165	125	5.145	ng	# 11
76) Benzidine	19.59	184	322291	5.706	ng	98

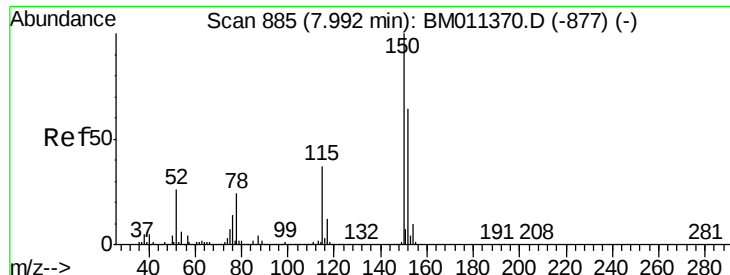
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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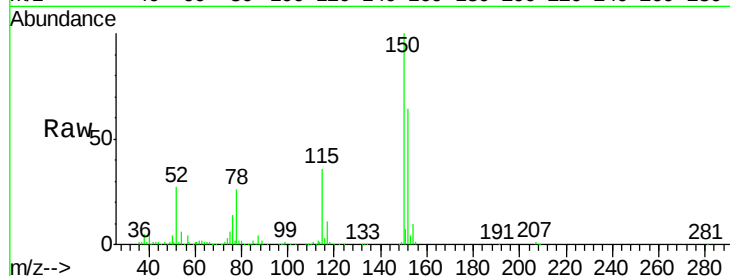


#1

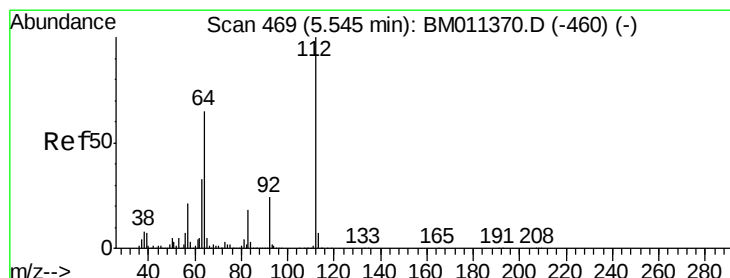
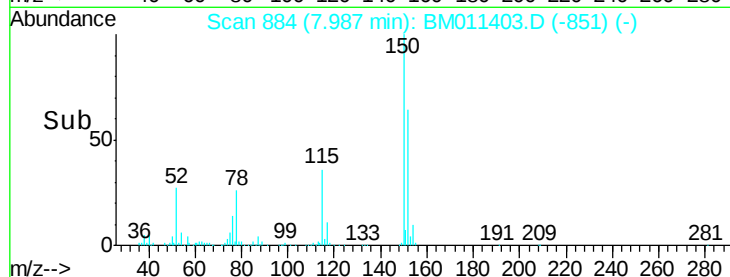
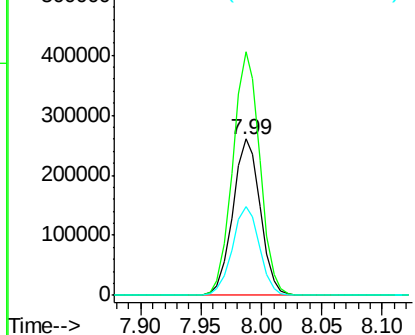
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011403.D
Acq: 01 Sep 2017 10:12

Instrument :
BNA_M
ClientSampleId :
PL-01-082917-B

Tgt Ion:152 Resp: 411683
Ion Ratio Lower Upper
152 100
150 155.8 119.5 179.3
115 56.7 43.0 64.4



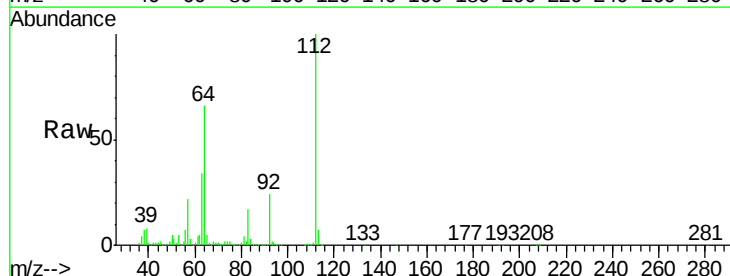
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



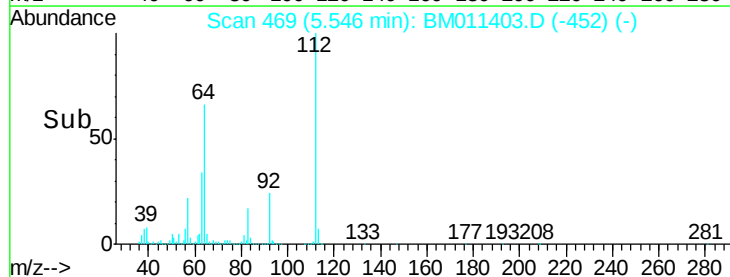
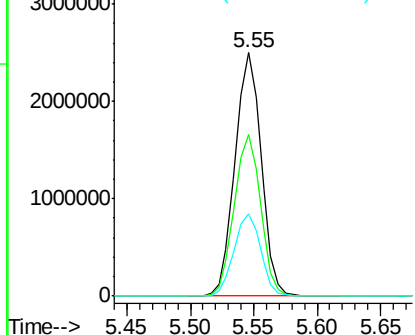
#5

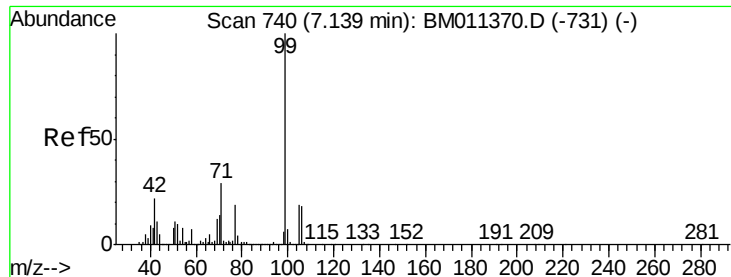
2-Fluorophenol
Concen: 146.854 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011403.D
Acq: 01 Sep 2017 10:12

Tgt Ion:112 Resp: 3591649
Ion Ratio Lower Upper
112 100
64 66.2 38.6 57.8#
63 33.6 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: 129.085 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011403.D

Acq: 01 Sep 2017 10:12

Instrument :

BNA_M

ClientSampleId :

PL-01-082917-B

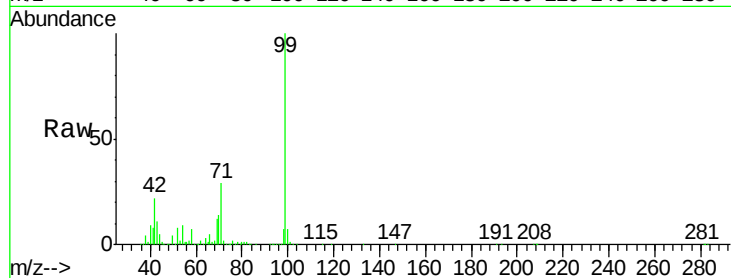
Tgt Ion: 99 Resp: 4377641

Ion Ratio Lower Upper

99 100

42 22.3 11.0 16.4#

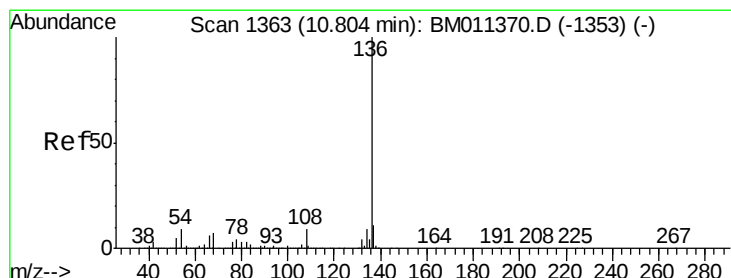
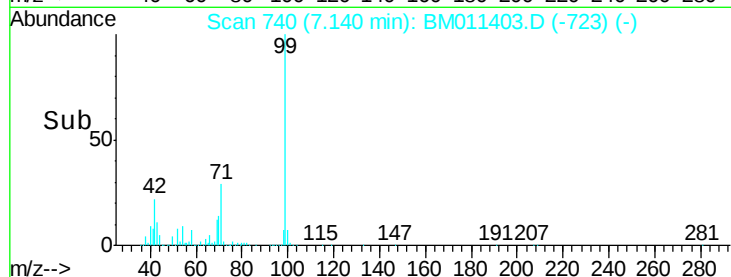
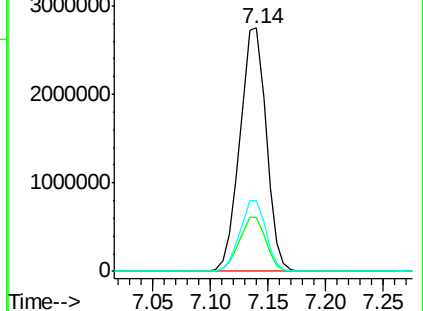
71 28.9 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011403.D (-723) (-)

Ion 42.00 (41.70 to 42.70): BM011403.D (-723) (-)

Ion 71.00 (70.70 to 71.70): BM011403.D (-723) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BM011403.D

Acq: 01 Sep 2017 10:12

Tgt Ion: 136 Resp: 1699750

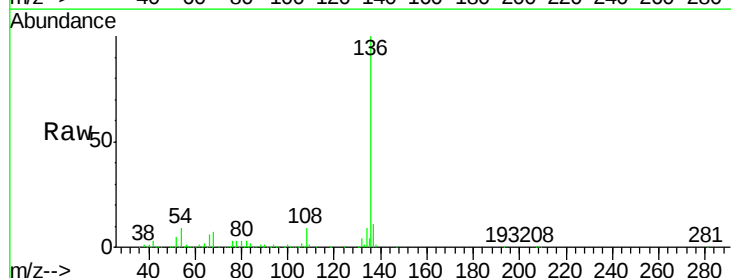
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.2 4.6 6.8#

68 6.8 3.7 5.5#

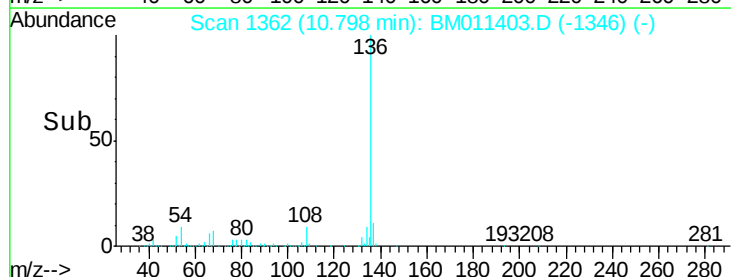
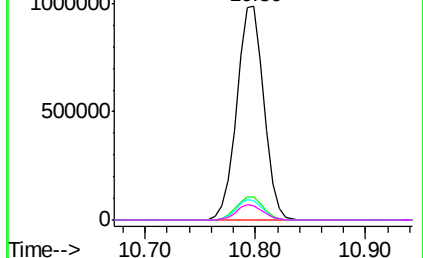


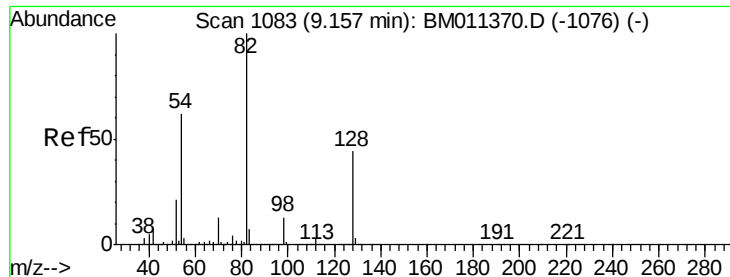
Abundance Ion 136.00 (135.70 to 136.70): BM011403.D (-1346) (-)

Ion 137.00 (136.70 to 137.70): BM011403.D (-1346) (-)

Ion 54.00 (53.70 to 54.70): BM011403.D (-1346) (-)

Ion 68.00 (67.70 to 68.70): BM011403.D (-1346) (-)





#23

Nitrobenzene-d5

Concen: 102.699 ng

RT: 9.15 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM011403.D

Acq: 01 Sep 2017 10:12

Instrument :

BNA_M

ClientSampleId :

PL-01-082917-B

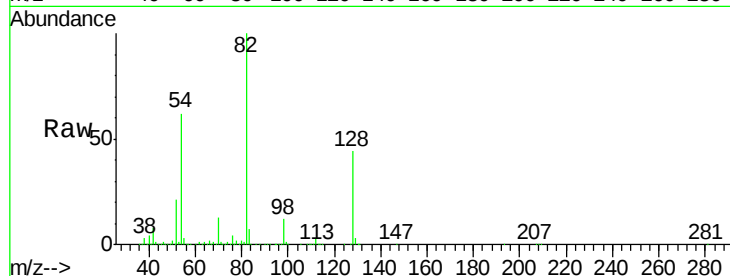
Tgt Ion: 82 Resp: 2648976

Ion Ratio Lower Upper

82 100

128 44.2 32.8 49.2

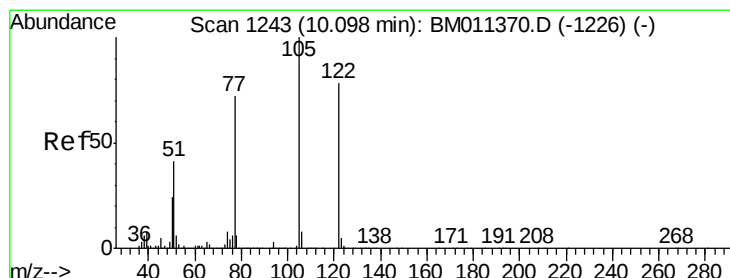
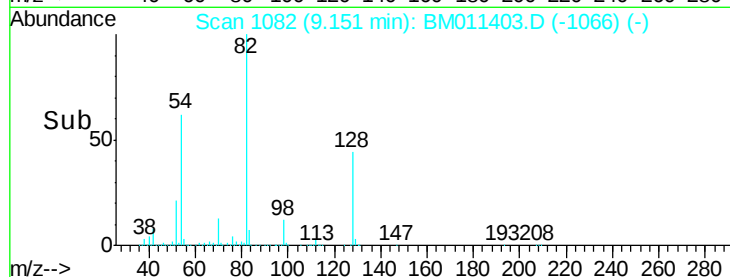
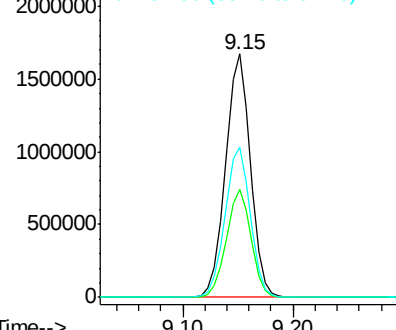
54 61.7 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM011403.D (-1066) (-)

Ion 128.00 (127.70 to 128.70): BM011403.D (-1066) (-)

Ion 54.00 (53.70 to 54.70): BM011403.D (-1066) (-)



#32

Benzoic acid

Concen: 6.545 ng

RT: 10.09 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM011403.D

Acq: 01 Sep 2017 10:12

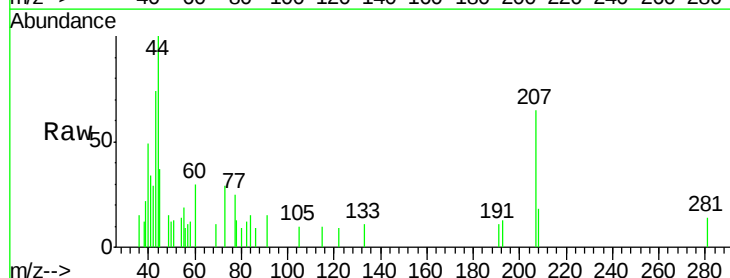
Tgt Ion: 122 Resp: 110

Ion Ratio Lower Upper

122 100

105 109.3 99.9 139.9

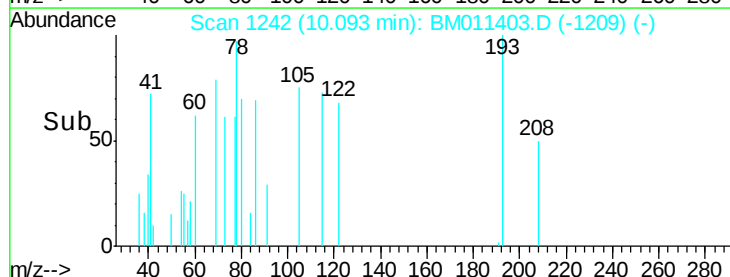
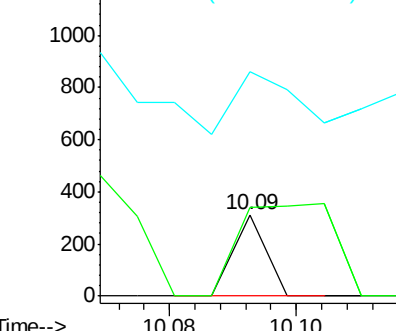
77 275.6 73.7 113.7#

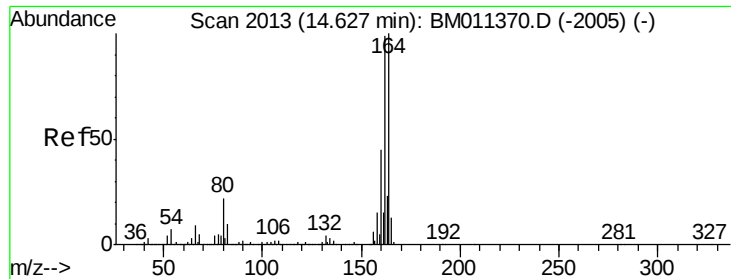


Abundance Ion 122.00 (121.70 to 122.70): BM011403.D (-1209) (-)

Ion 105.00 (104.70 to 105.70): BM011403.D (-1209) (-)

Ion 77.00 (76.70 to 77.70): BM011403.D (-1209) (-)

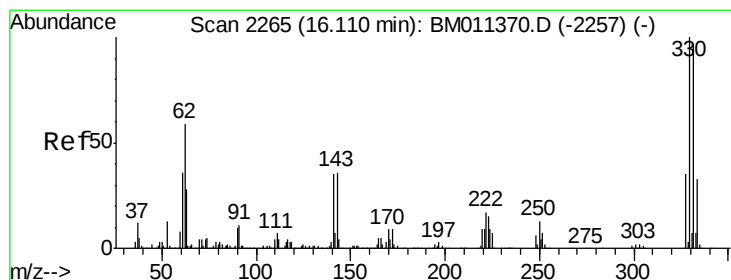
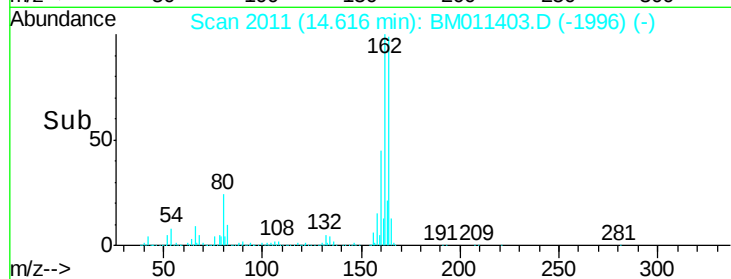
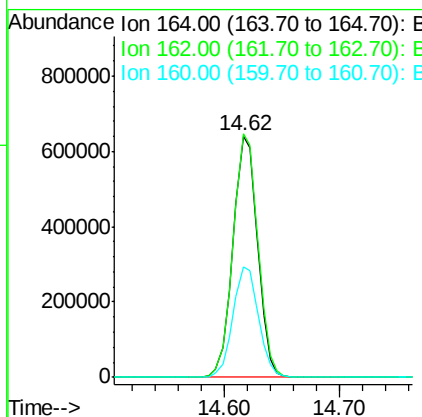
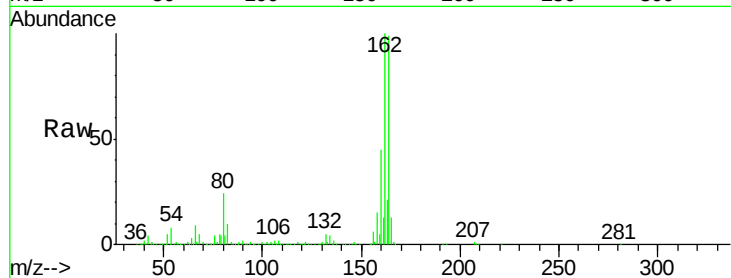




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM011403.D
Acq: 01 Sep 2017 10:12

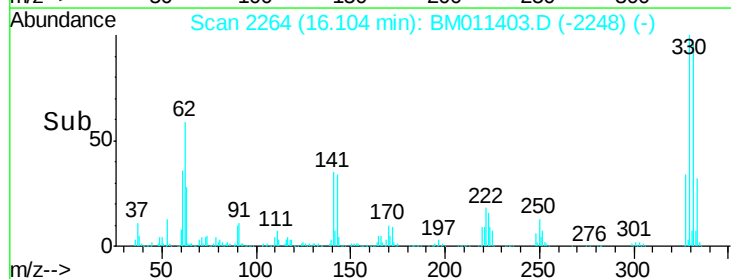
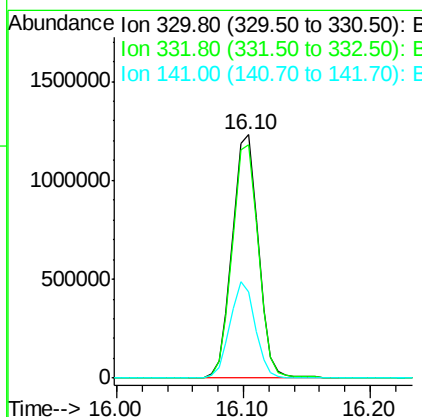
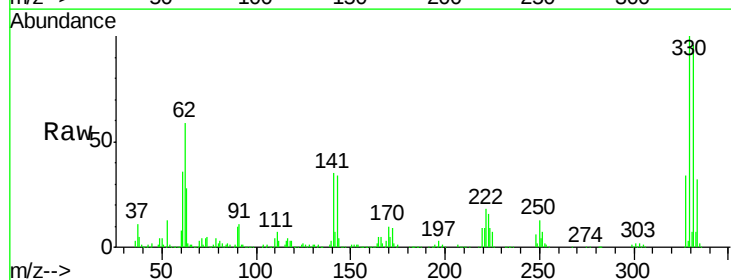
Instrument :
BNA_M
ClientSampleId :
PL-01-082917-B

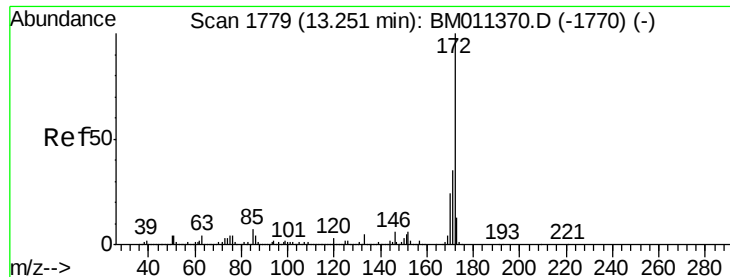
Tgt Ion:164 Resp: 945132
Ion Ratio Lower Upper
164 100
162 100.9 82.4 123.6
160 45.6 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 159.861 ng
RT: 16.10 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM011403.D
Acq: 01 Sep 2017 10:12

Tgt Ion:330 Resp: 1748043
Ion Ratio Lower Upper
330 100
332 96.6 0.0 0.0#
141 38.5 0.0 0.0#

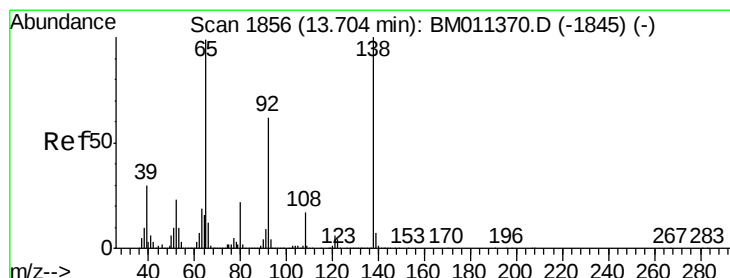
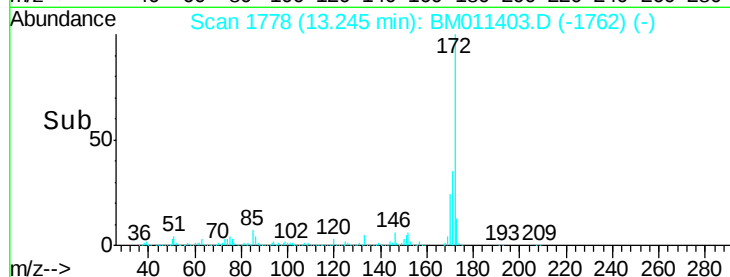
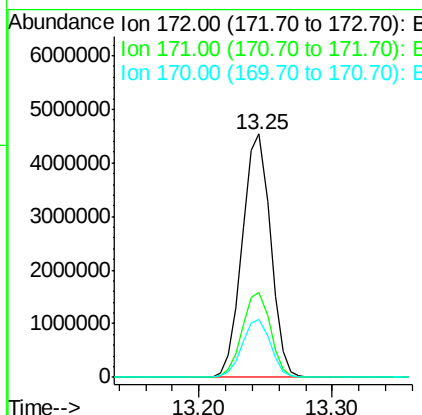
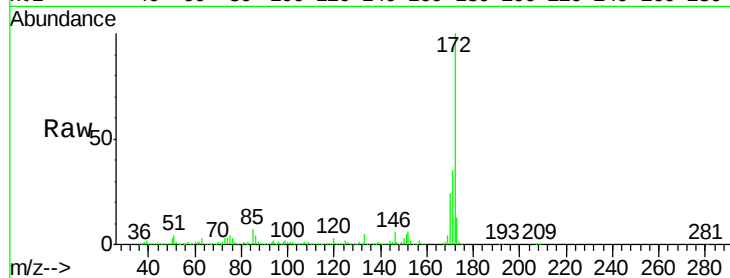




#44
 2-Fluorobiphenyl
 Concen: 101.259 ng
 RT: 13.25 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM011403.D
 Acq: 01 Sep 2017 10:12

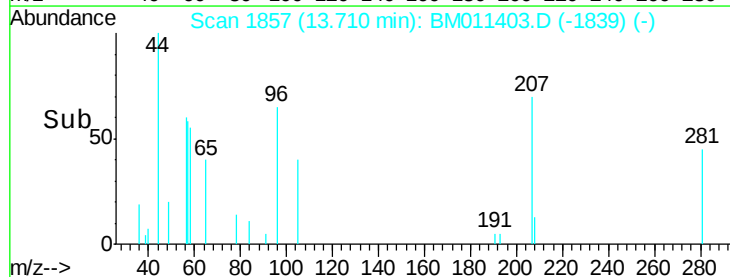
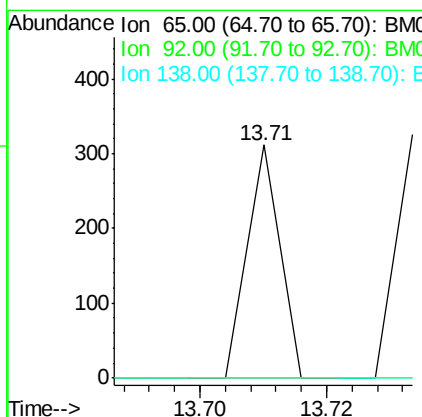
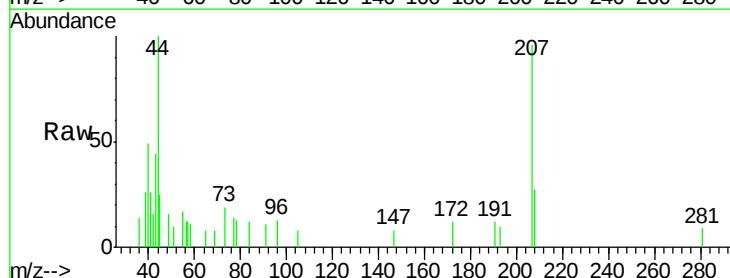
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 PL-01-082917-B

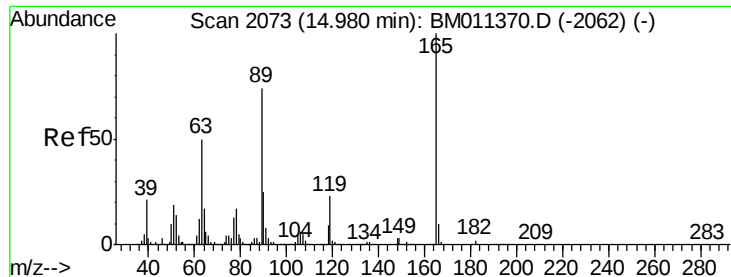
Tgt Ion: 172 Resp: 6639227
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 24.0 18.8 28.2



#47
 2-Nitroaniline
 Concen: 5.442 ng
 RT: 13.71 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BM011403.D
 Acq: 01 Sep 2017 10:12

Tgt Ion: 65 Resp: 110
 Ion Ratio Lower Upper
 65 100
 92 0.0 59.1 88.7#
 138 0.0 93.9 140.9#

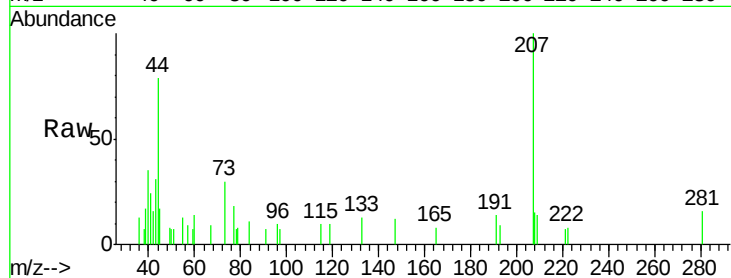




#56
 2,4-Dinitrotoluene
 Concen: 5.145 ng
 RT: 14.91 min Scan# 2061
 Delta R.T. -0.07 min
 Lab File: BM011403.D
 Acq: 01 Sep 2017 10:12

Instrument :
 BNA_M
 ClientSampleId :
 PL-01-082917-B

Tgt Ion:	165	Resp:	125
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#

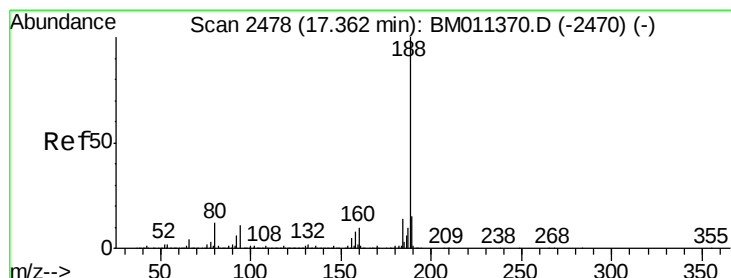
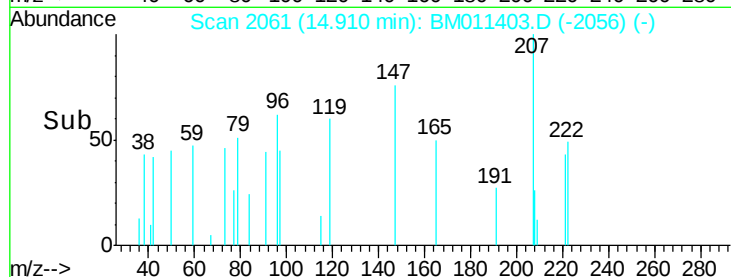
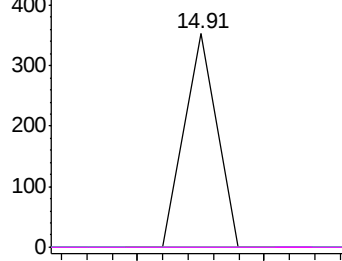


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

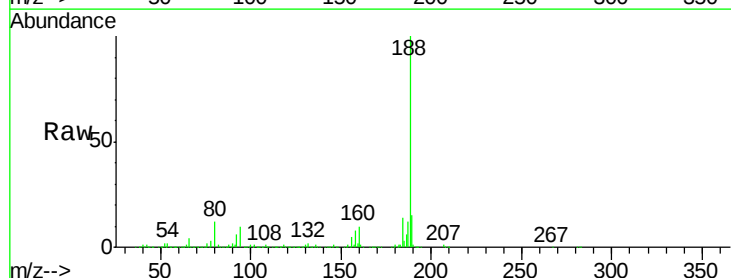
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.36 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BM011403.D
 Acq: 01 Sep 2017 10:12

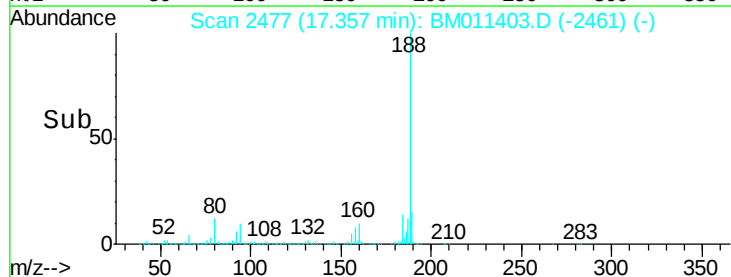
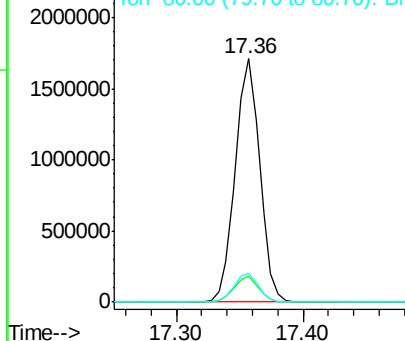
Tgt Ion:	188	Resp:	2288321
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.7	13.1
80	11.7	9.3	13.9

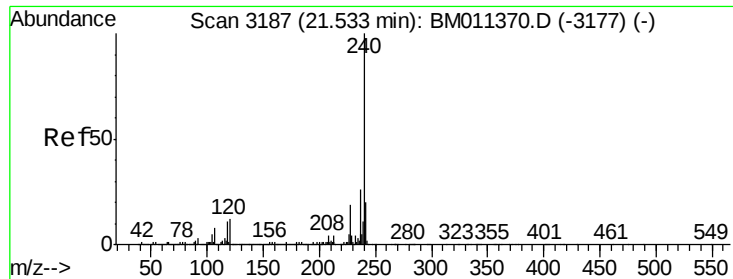


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011403.D

Acq: 01 Sep 2017 10:12

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PL-01-082917-B

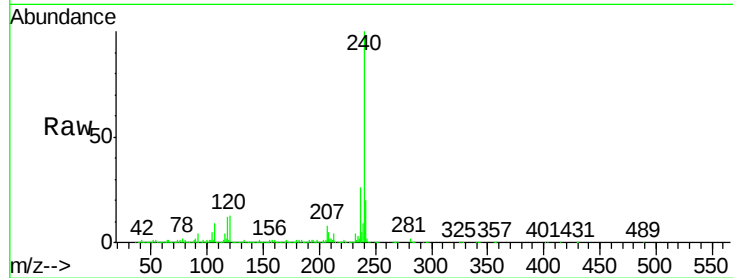
Tgt Ion:240 Resp: 2861729

Ion Ratio Lower Upper

240 100

120 13.2 8.2 12.2#

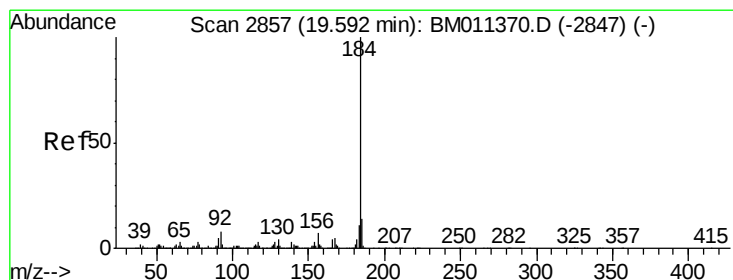
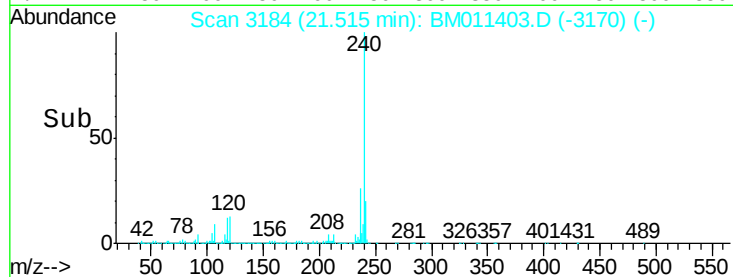
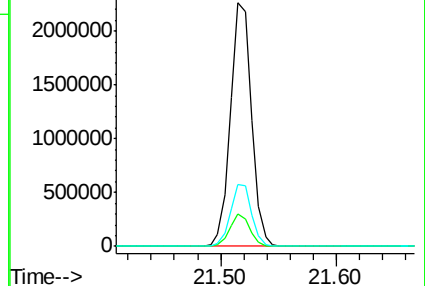
236 25.6 20.0 30.0



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



#76

Benzidine

Concen: 5.706 ng

RT: 19.59 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM011403.D

Acq: 01 Sep 2017 10:12

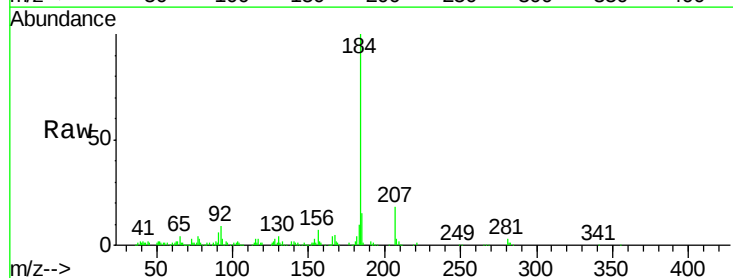
Tgt Ion:184 Resp: 322291

Ion Ratio Lower Upper

184 100

185 14.9 11.3 16.9

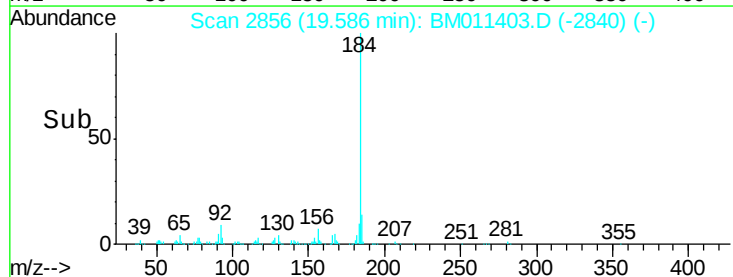
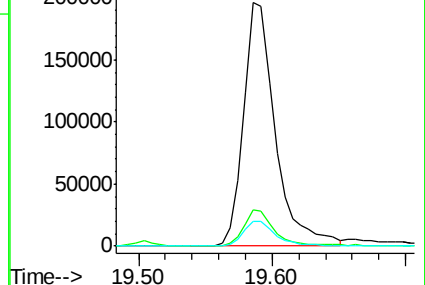
183 10.1 8.9 13.3

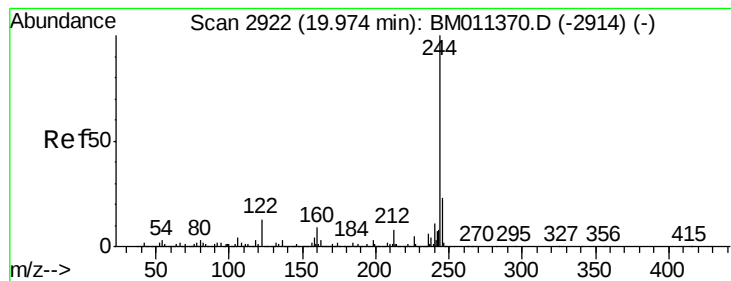


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 91.217 ng

RT: 19.97 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BM011403.D

Acq: 01 Sep 2017 10:12

Instrument :

BNA_M

ClientSampleId :

PL-01-082917-B

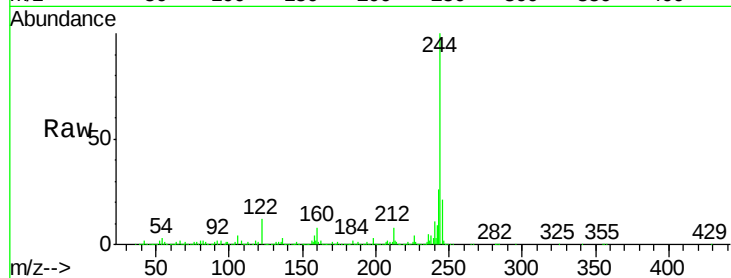
Tgt Ion:244 Resp:10520555

Ion Ratio Lower Upper

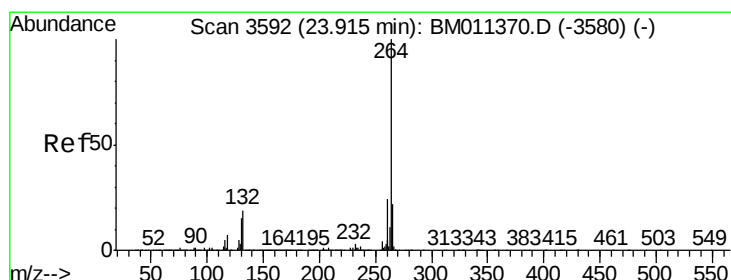
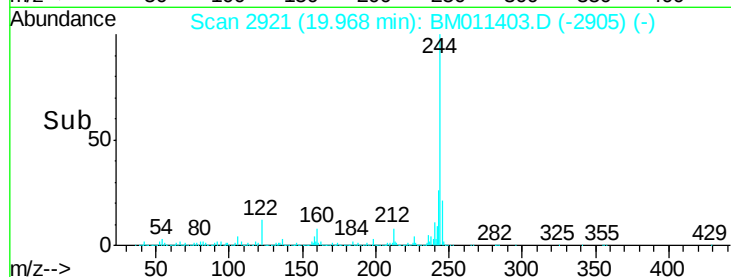
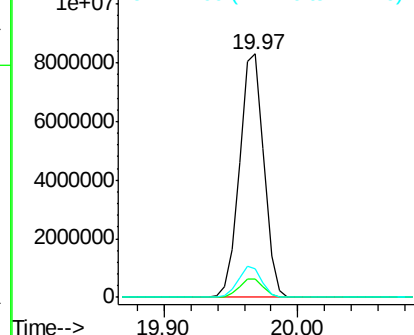
244 100

212 7.7 4.9 7.3#

122 11.6 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: 23.90 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BM011403.D

Acq: 01 Sep 2017 10:12

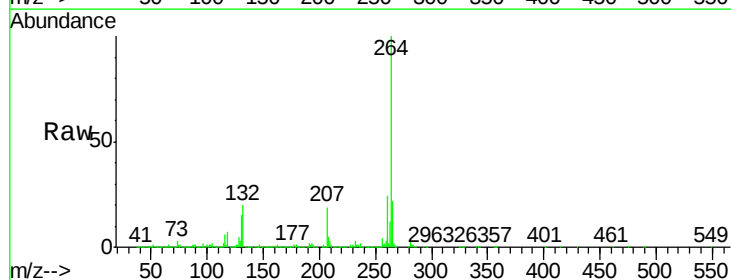
Tgt Ion:264 Resp: 2636779

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 22.3 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

