

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083117\
 Data File : BM011401.D
 Acq On : 01 Sep 2017 09:00
 Operator : SJ/JU
 Sample : I5023-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 01 11:20:14 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

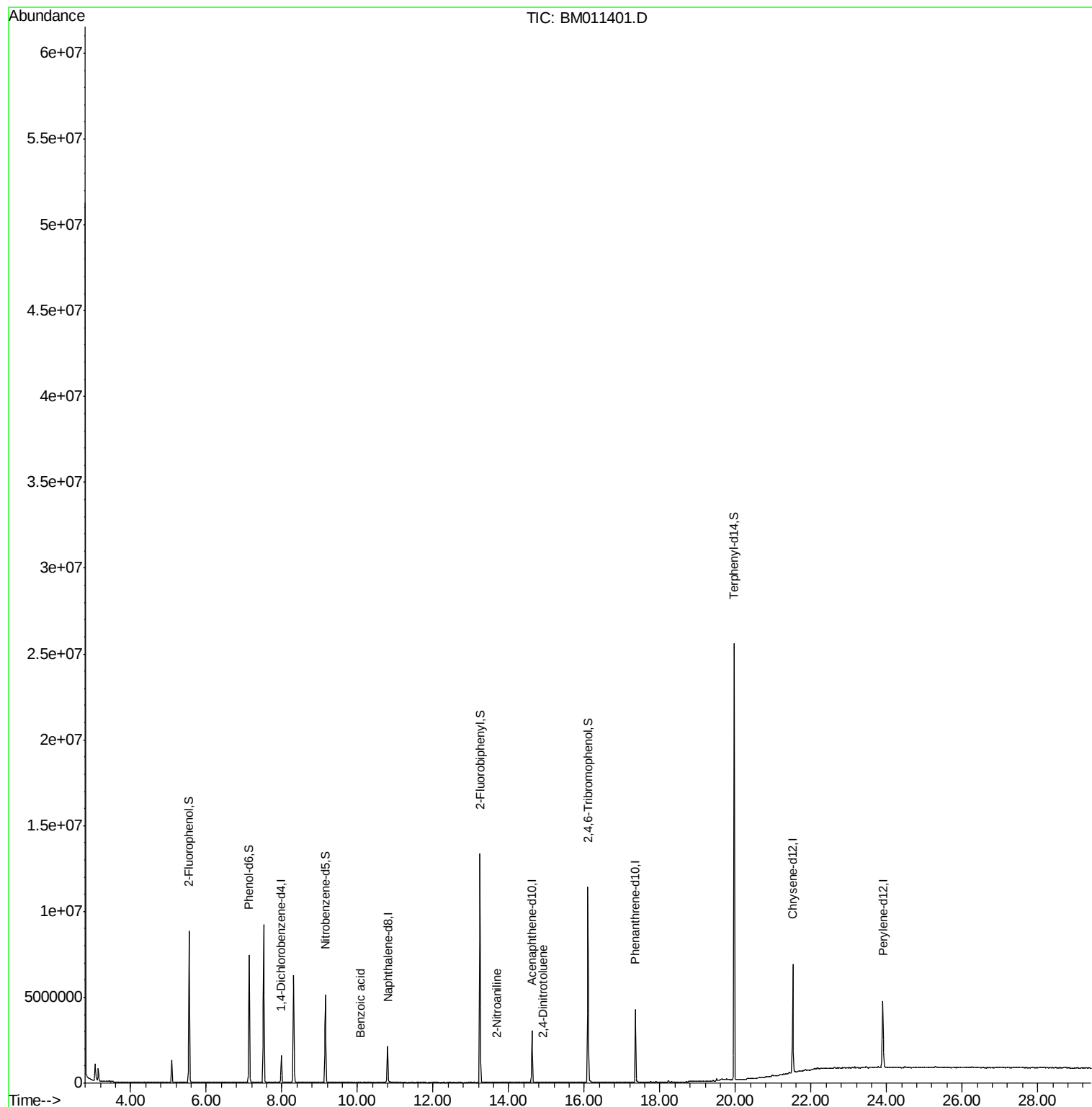
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	426667	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	1750126	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	976799	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2394415	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3026689	20.00	ng	-0.01
86) Perylene-d12	23.90	264	2894457	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3516333	138.73	ng	0.00
7) Phenol-d6	7.13	99	4188750	119.18	ng	0.00
23) Nitrobenzene-d5	9.15	82	2696618	101.54	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1837482	162.59	ng	-0.01
44) 2-Fluorobiphenyl	13.25	172	6732296	99.35	ng	0.00
78) Terphenyl-d14	19.97	244	10818754	88.69	ng	0.00
Target Compounds						
32) Benzoic acid	10.06	122	106	6.545	ng	# 1
47) 2-Nitroaniline	13.67	65	217	5.447	ng	# 1
56) 2,4-Dinitrotoluene	14.92	165	106	5.144	ng	# 11

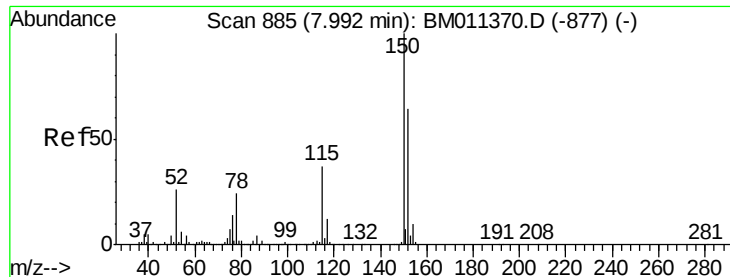
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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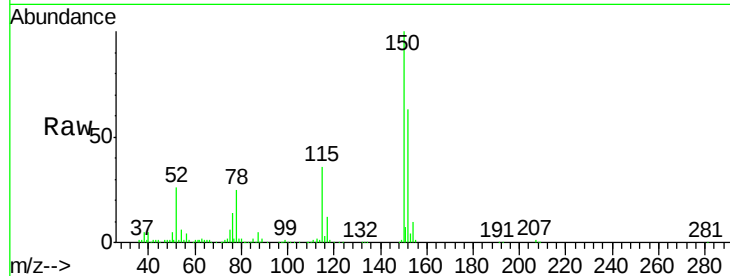


#1

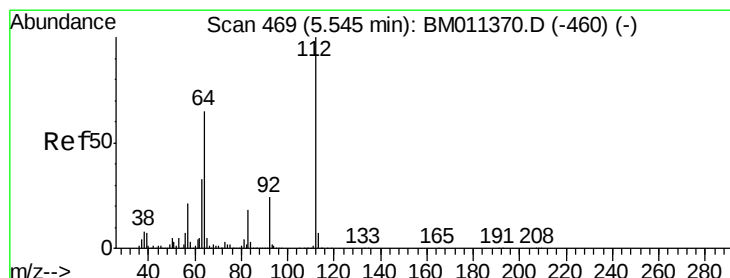
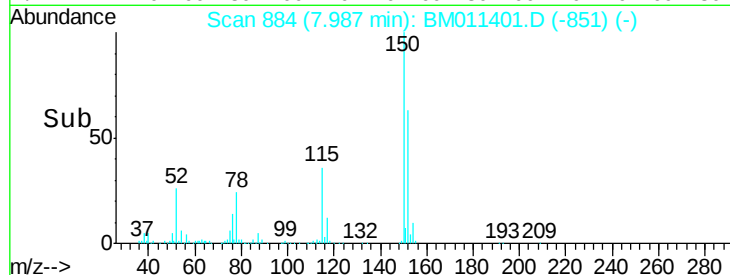
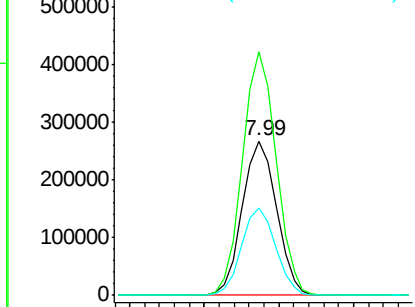
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011401.D
Acq: 01 Sep 2017 09:00

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

Tgt Ion:152 Resp: 426667
Ion Ratio Lower Upper
152 100
150 158.1 119.5 179.3
115 56.9 43.0 64.4



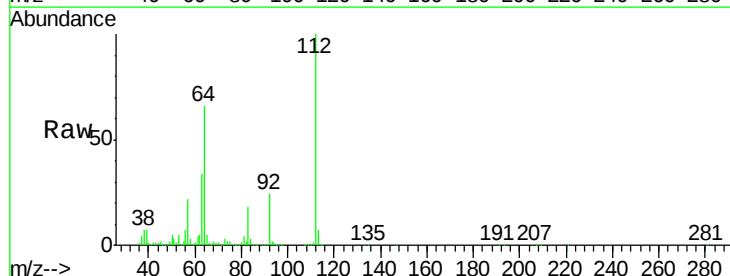
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



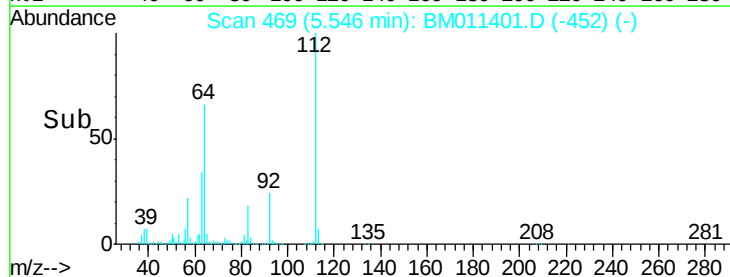
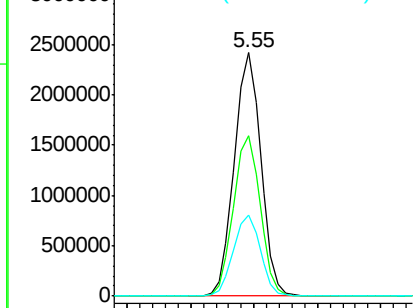
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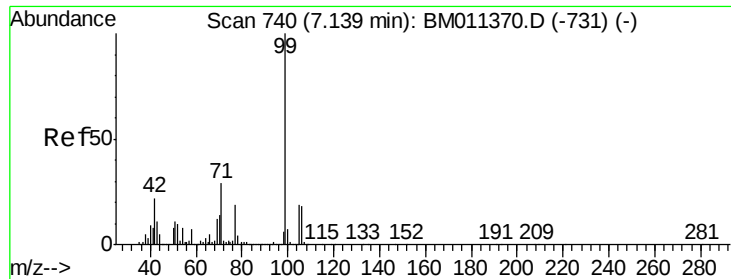
2-Fluorophenol
Concen: 138.725 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011401.D
Acq: 01 Sep 2017 09:00

Tgt Ion:112 Resp: 3516333
Ion Ratio Lower Upper
112 100
64 65.8 38.6 57.8#
63 33.5 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





#7

Phenol-d6

Concen: 119.177 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011401.D

Acq: 01 Sep 2017 09:00

Instrument :

BNA_M

ClientSampleId :

PL-01-082917-C

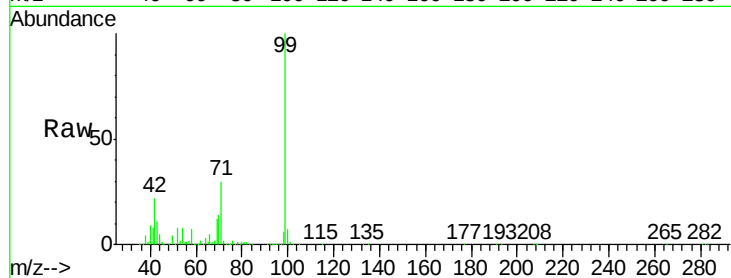
Tgt Ion: 99 Resp: 4188750

Ion Ratio Lower Upper

99 100

42 22.1 11.0 16.4#

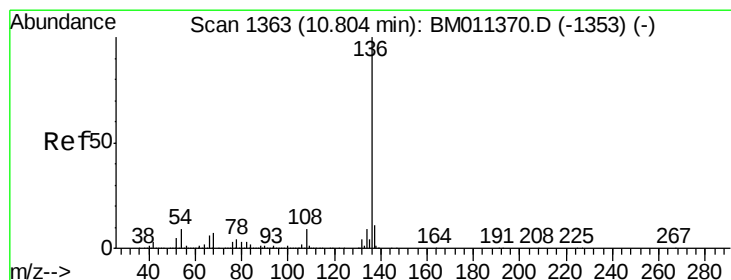
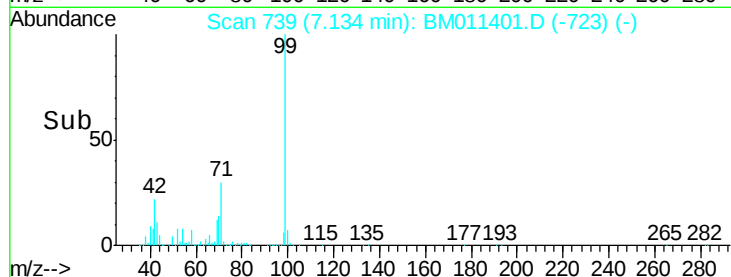
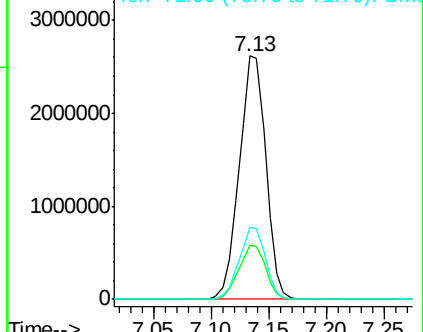
71 29.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011401.D (-723) (-)

Ion 42.00 (41.70 to 42.70): BM011401.D (-723) (-)

Ion 71.00 (70.70 to 71.70): BM011401.D (-723) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BM011401.D

Acq: 01 Sep 2017 09:00

Tgt Ion: 136 Resp: 1750126

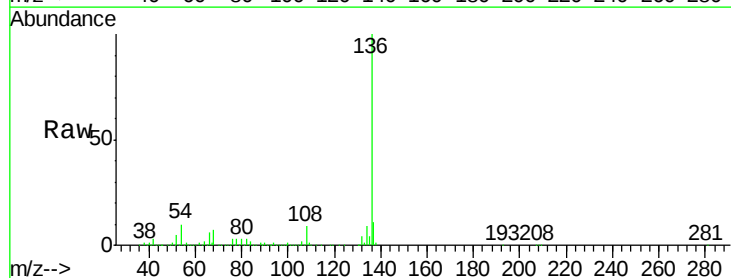
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.5 4.6 6.8#

68 7.1 3.7 5.5#

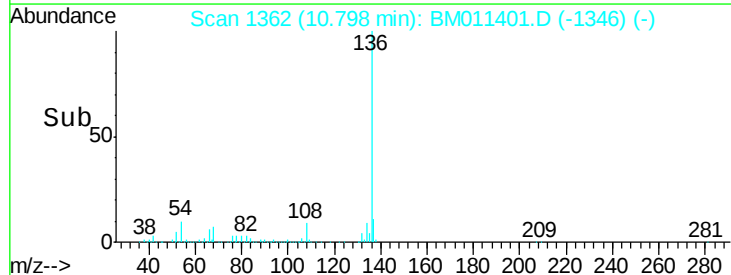
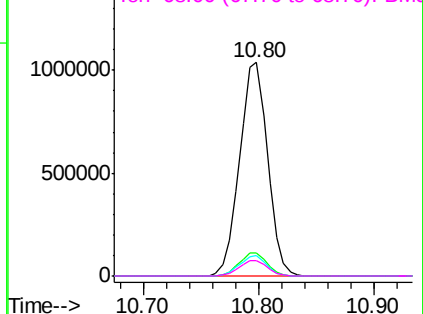


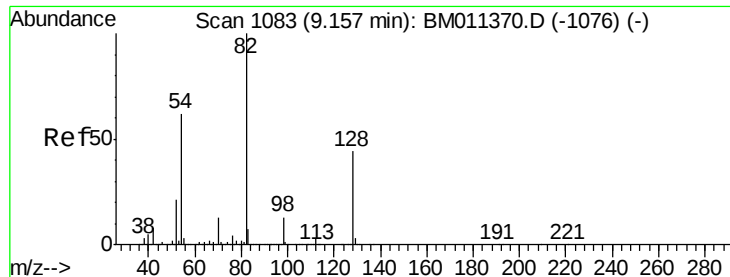
Abundance Ion 136.00 (135.70 to 136.70): BM011401.D (-1346) (-)

Ion 137.00 (136.70 to 137.70): BM011401.D (-1346) (-)

Ion 54.00 (53.70 to 54.70): BM011401.D (-1346) (-)

Ion 68.00 (67.70 to 68.70): BM011401.D (-1346) (-)

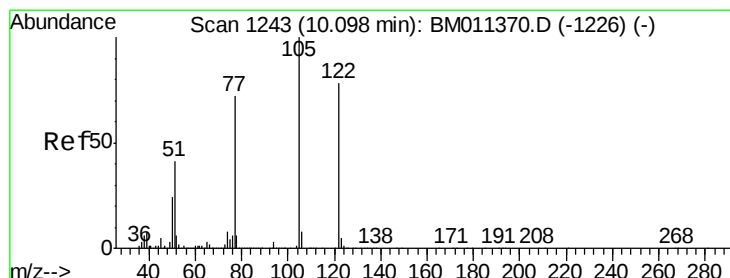
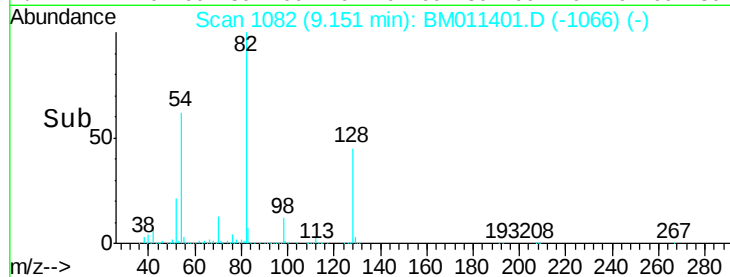
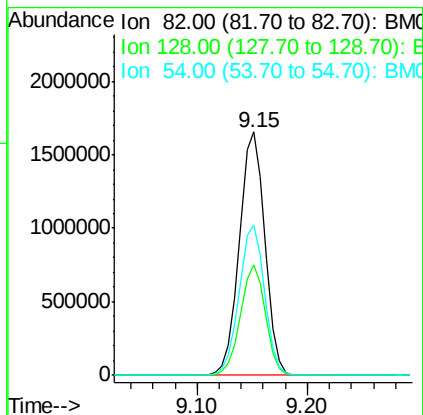
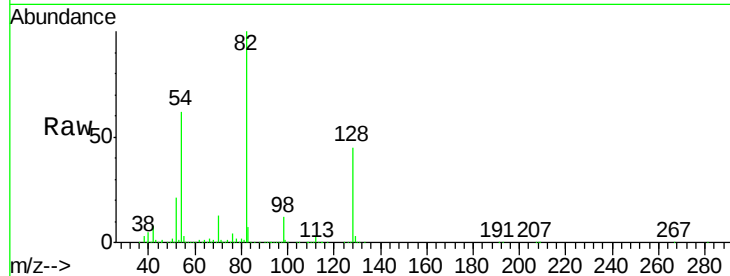




#23
 Nitrobenzene-d5
 Concen: 101.537 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011401.D
 Acq: 01 Sep 2017 09:00

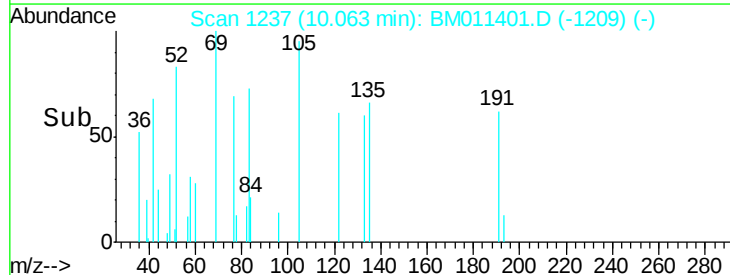
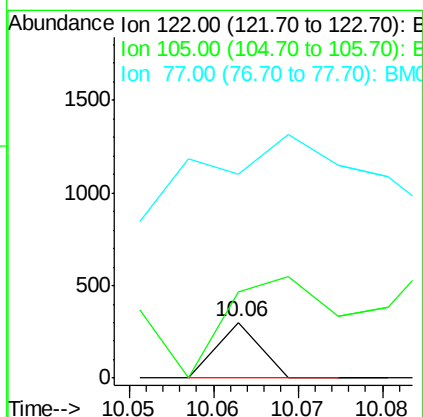
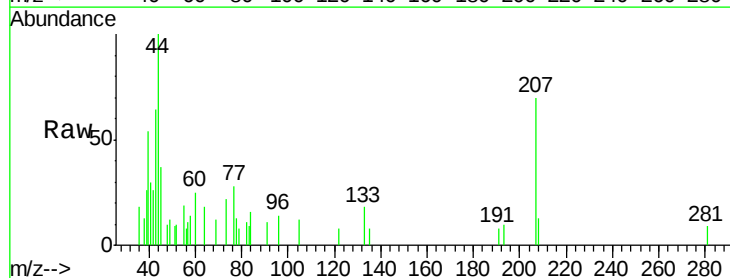
Instrument :
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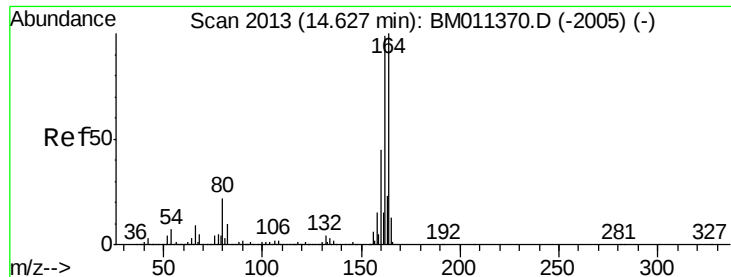
Tgt Ion: 82 Resp: 2696618
 Ion Ratio Lower Upper
 82 100
 128 45.1 32.8 49.2
 54 61.6 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.545 ng
 RT: 10.06 min Scan# 1237
 Delta R.T. -0.04 min
 Lab File: BM011401.D
 Acq: 01 Sep 2017 09:00

Tgt Ion: 122 Resp: 106
 Ion Ratio Lower Upper
 122 100
 105 154.7 99.9 139.9#
 77 366.3 73.7 113.7#

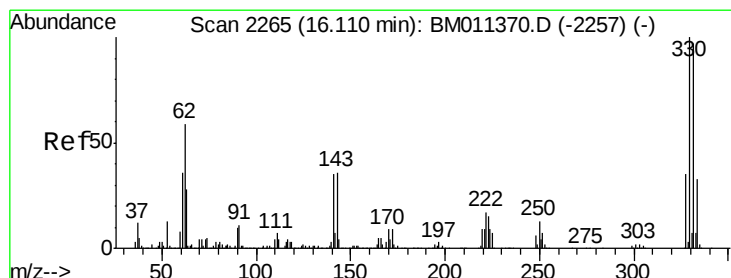
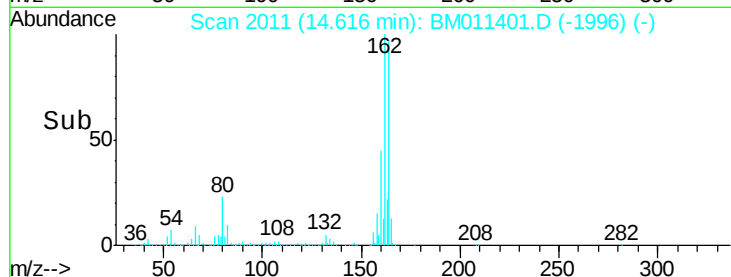
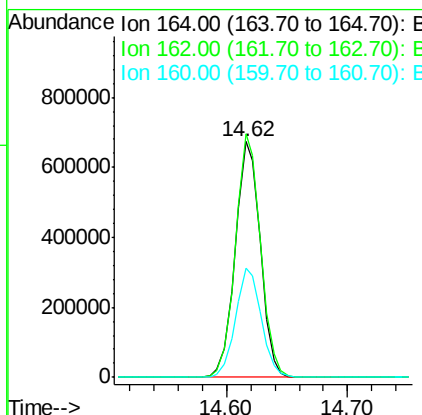
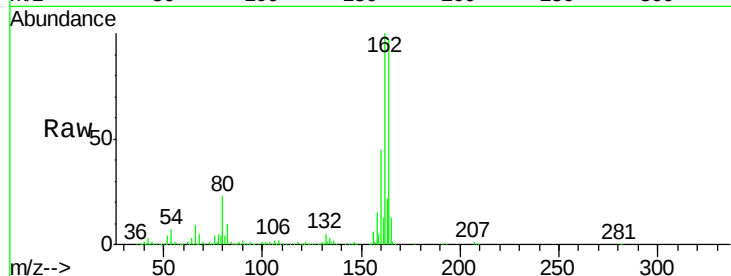




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM011401.D
Acq: 01 Sep 2017 09:00

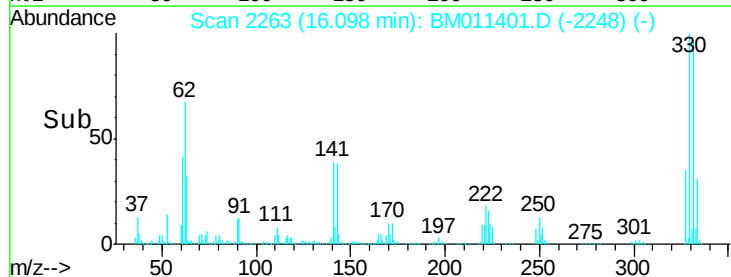
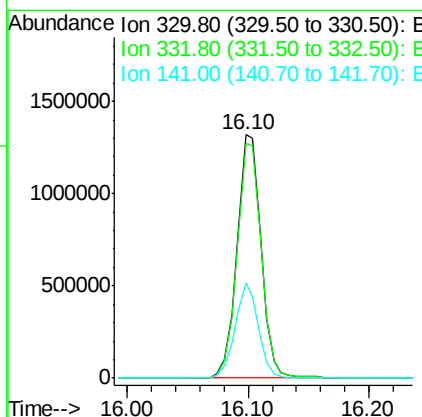
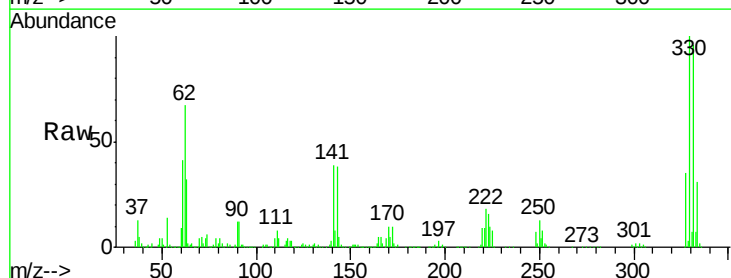
Instrument :
BNA_M
ClientSampleId :
PL-01-082917-C

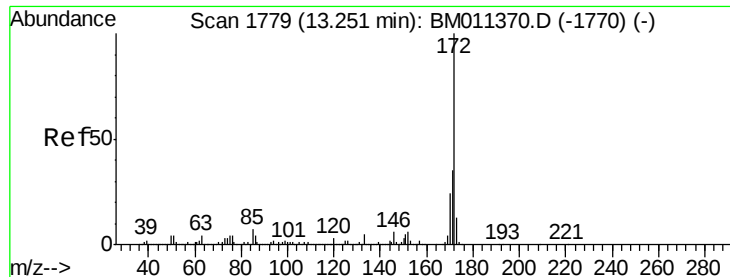
Tgt Ion:164 Resp: 976799
Ion Ratio Lower Upper
164 100
162 103.3 82.4 123.6
160 46.1 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 162.592 ng
RT: 16.10 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM011401.D
Acq: 01 Sep 2017 09:00

Tgt Ion:330 Resp: 1837482
Ion Ratio Lower Upper
330 100
332 97.0 0.0 0.0#
141 37.8 0.0 0.0#

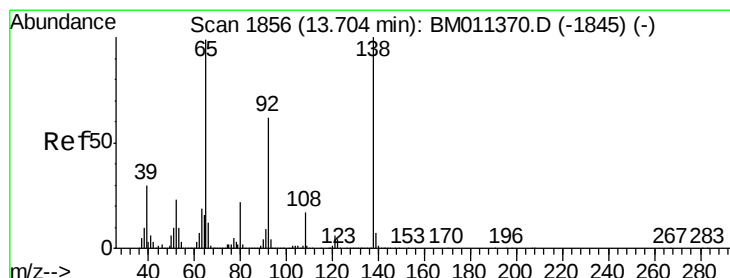
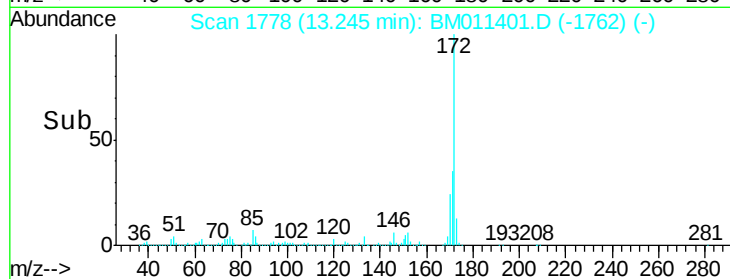
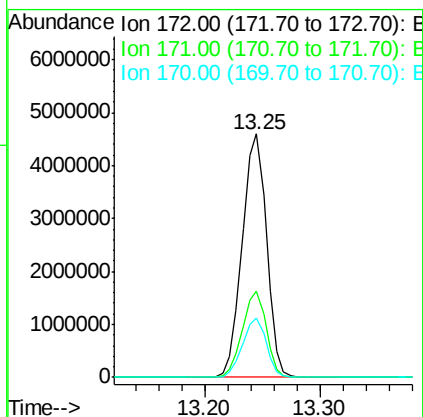
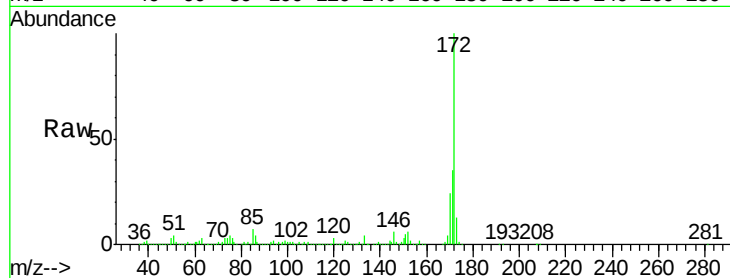




#44
2-Fluorobiphenyl
Concen: 99.350 ng
RT: 13.25 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM011401.D
Acq: 01 Sep 2017 09:00

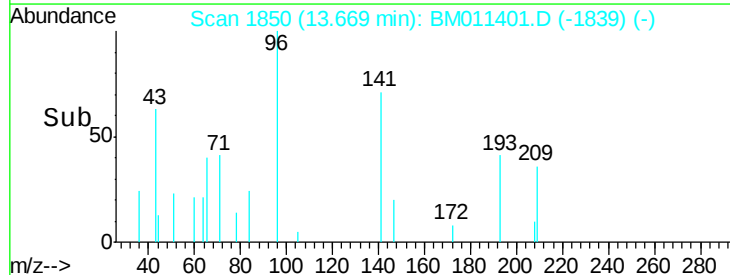
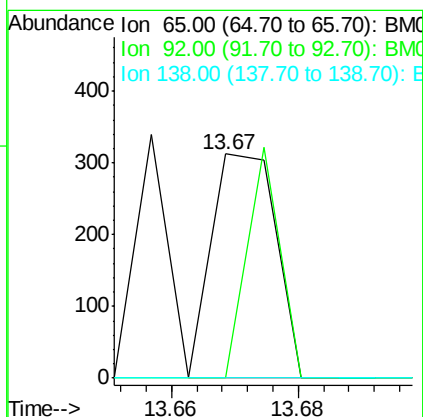
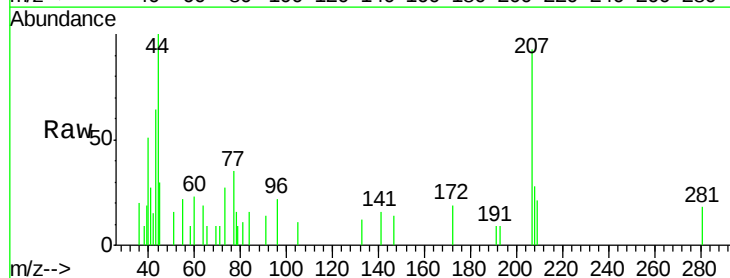
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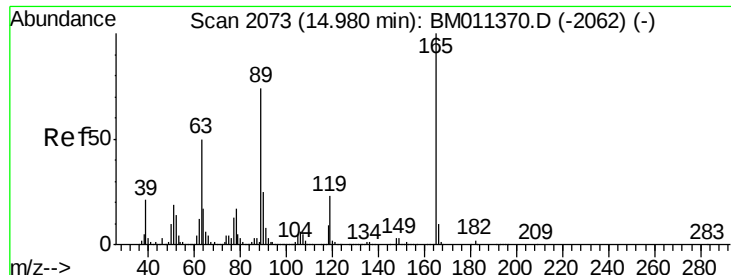
Tgt Ion: 172 Resp: 6732296
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.4 18.8 28.2



#47
2-Nitroaniline
Concen: 5.447 ng
RT: 13.67 min Scan# 1850
Delta R.T. -0.03 min
Lab File: BM011401.D
Acq: 01 Sep 2017 09:00

Tgt Ion: 65 Resp: 217
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#

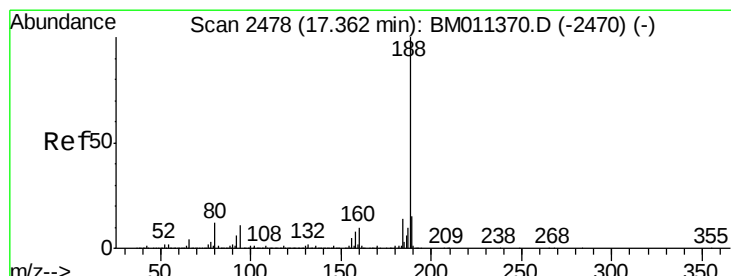
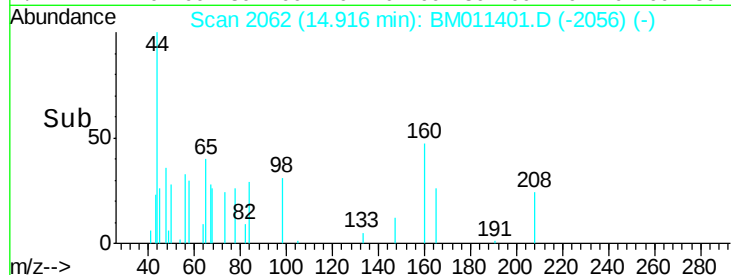
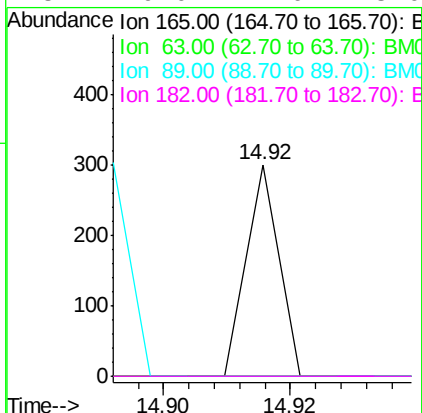
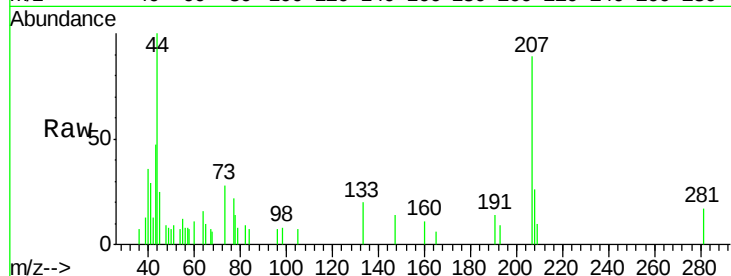




#56
 2,4-Dinitrotoluene
 Concen: 5.144 ng
 RT: 14.92 min Scan# 2062
 Delta R.T. -0.06 min
 Lab File: BM011401.D
 Acq: 01 Sep 2017 09:00

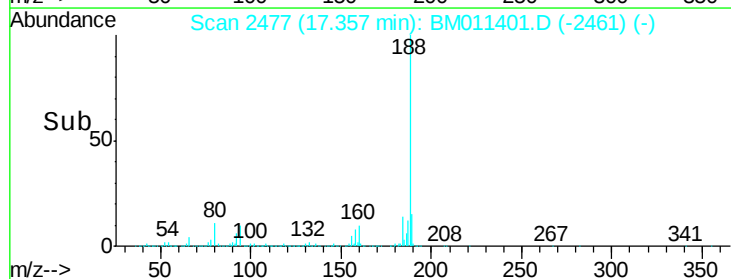
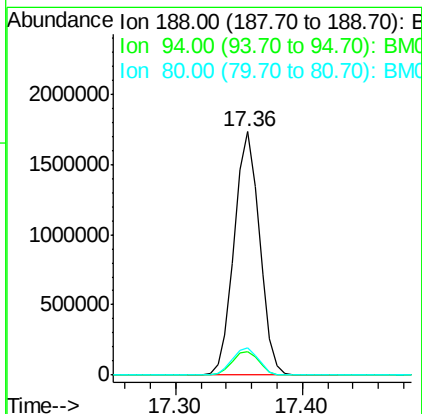
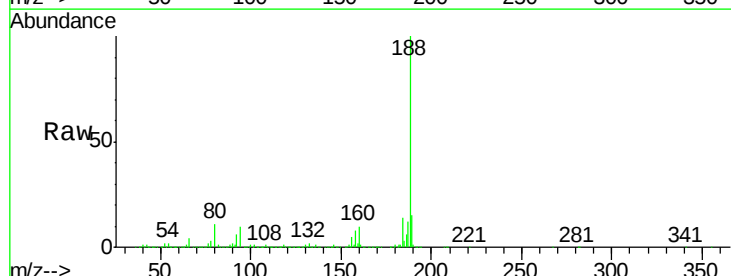
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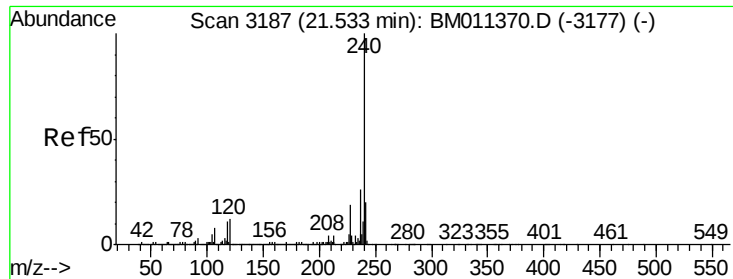
Tgt Ion:165 Resp: 106
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.36 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BM011401.D
 Acq: 01 Sep 2017 09:00

Tgt Ion:188 Resp: 2394415
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.7 13.1
 80 11.1 9.3 13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BM011401.D

Acq: 01 Sep 2017 09:00

Instrument :

BNA_M

ClientSampleId :

PL-01-082917-C

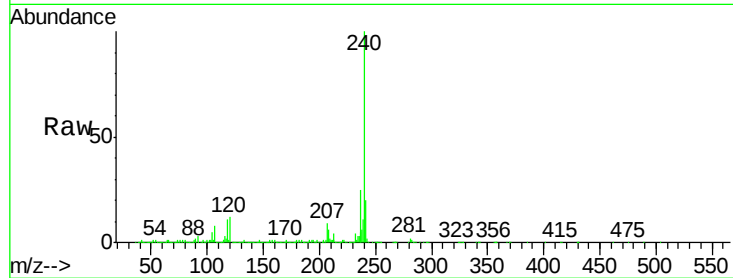
Tgt Ion:240 Resp: 3026689

Ion Ratio Lower Upper

240 100

120 11.9 8.2 12.2

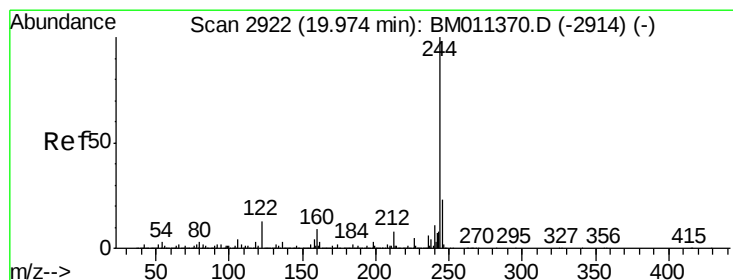
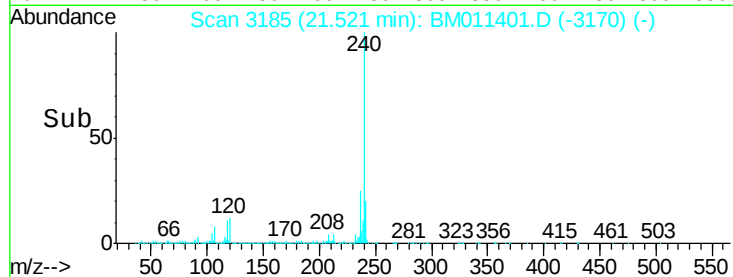
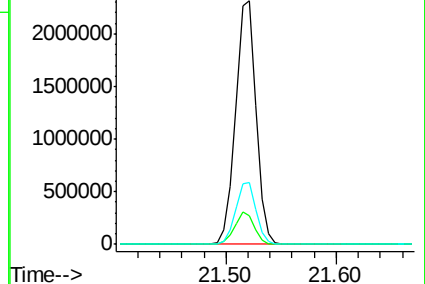
236 25.4 20.0 30.0



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: 88.690 ng

RT: 19.97 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BM011401.D

Acq: 01 Sep 2017 09:00

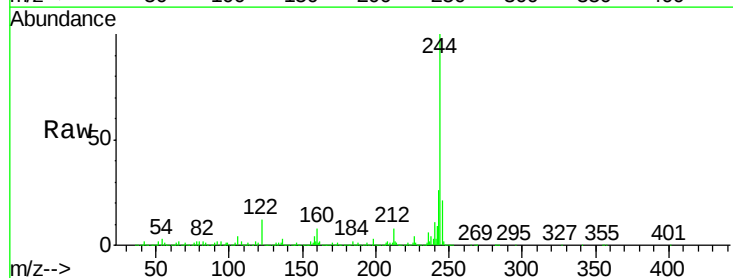
Tgt Ion:244 Resp:10818754

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

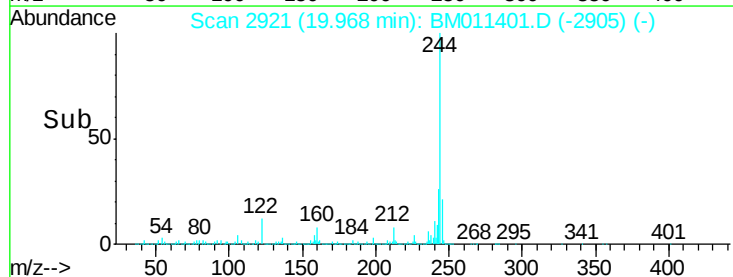
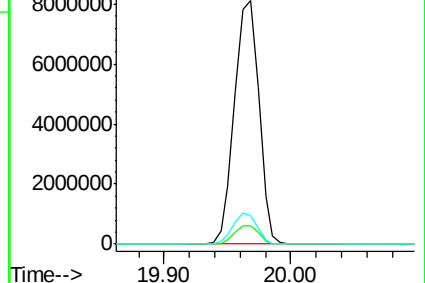
122 11.9 6.2 9.4#

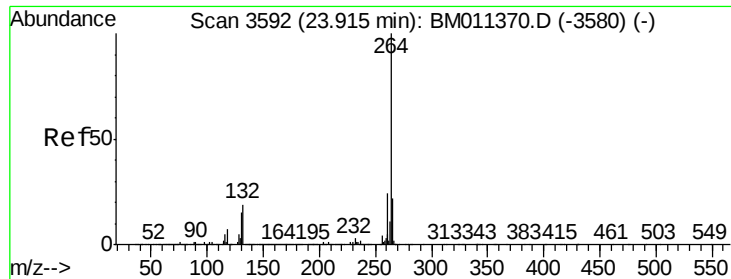


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



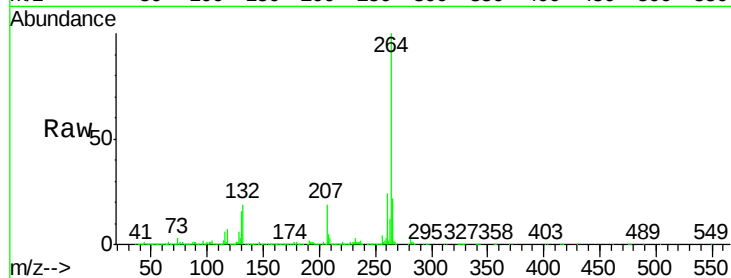


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BM011401.D
Acq: 01 Sep 2017 09:00

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

Tgt Ion: 264 Resp: 2894457

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.5	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

