

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011423.D
 Acq On : 02 Sep 2017 19:43
 Operator : SJ/JU
 Sample : I5068-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-083117

Quant Time: Sep 04 03:03:11 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

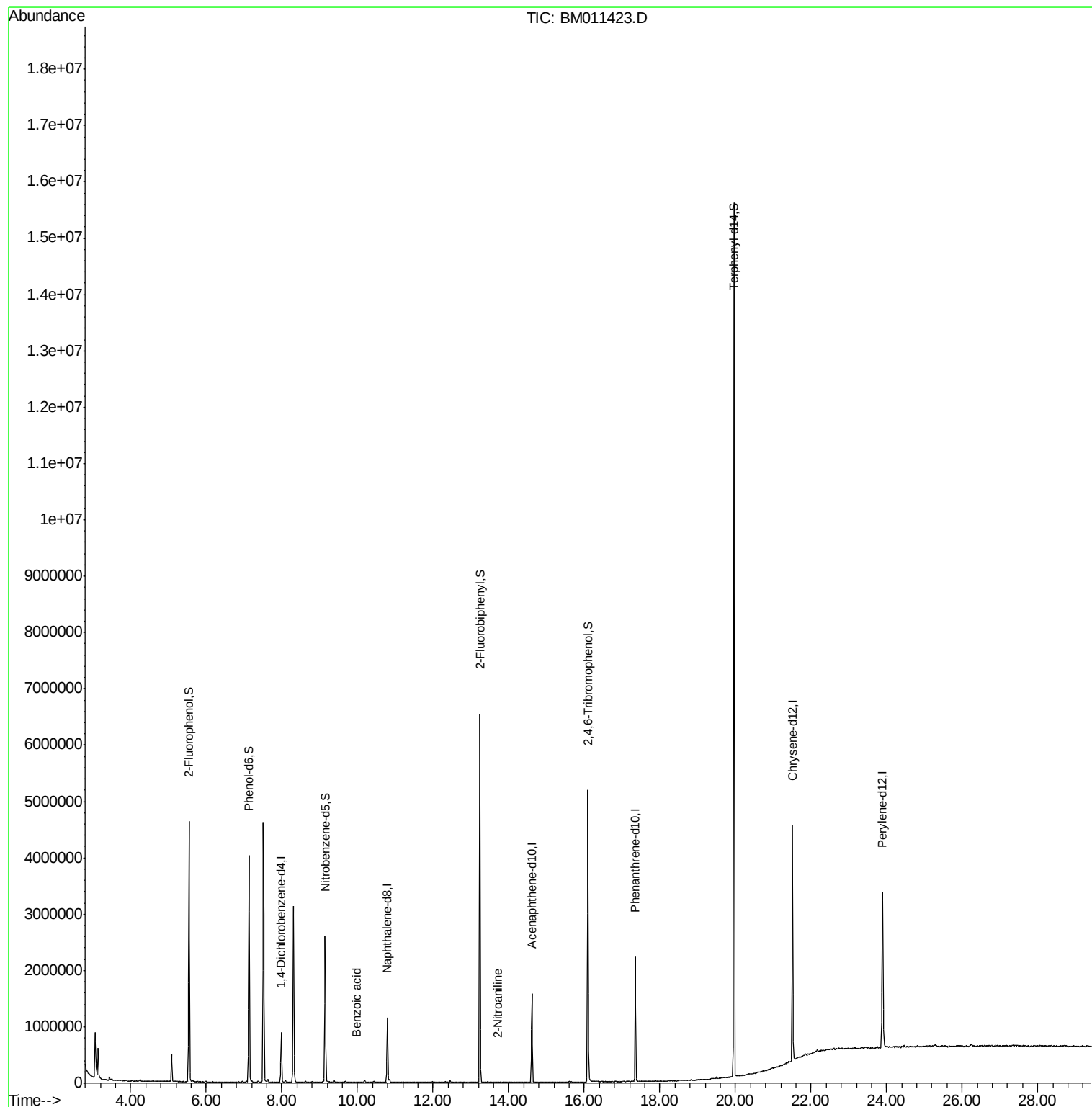
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	238538	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	947819	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	506455	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	1287383	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	1864920	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1974603	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1814210	128.02	ng	0.00
7) Phenol-d6	7.13	99	2146948	109.26	ng	0.00
23) Nitrobenzene-d5	9.15	82	1305886	90.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	787430	134.39	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	3237878	92.16	ng	-0.01
78) Terphenyl-d14	19.96	244	5912152	78.66	ng	-0.01
Target Compounds						
32) Benzoic acid	9.99	122	433	6.577	ng	# 61
47) 2-Nitroaniline	13.71	65	115	5.447	ng	# 1

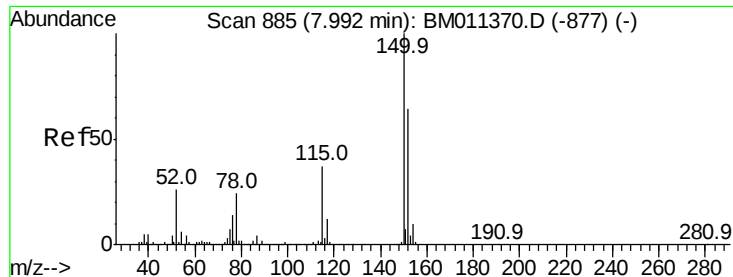
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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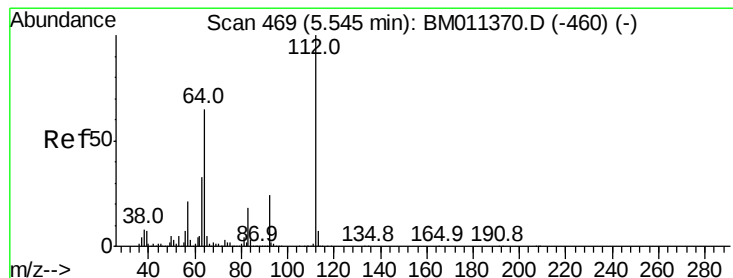
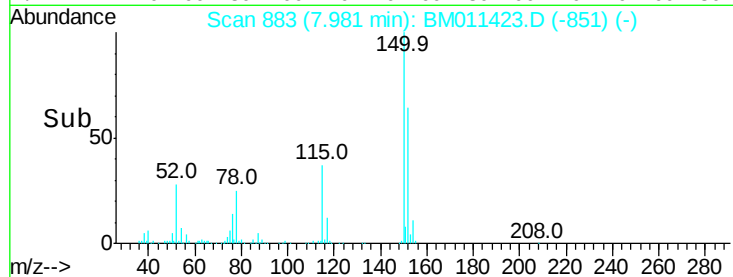
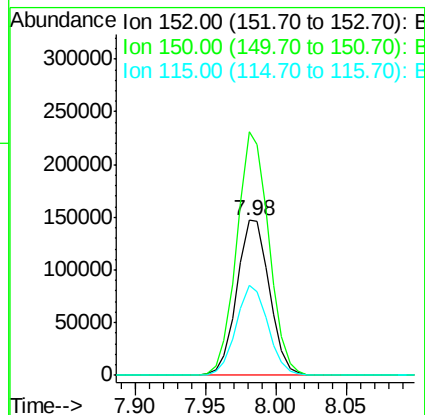
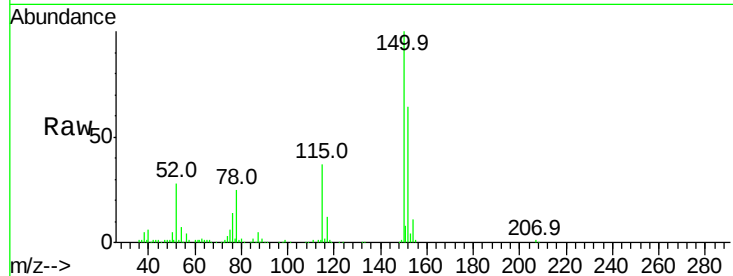


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011423.D
Acq: 02 Sep 2017 19:43

Instrument :
BNA_M
ClientSampleId :
HR-06-083117

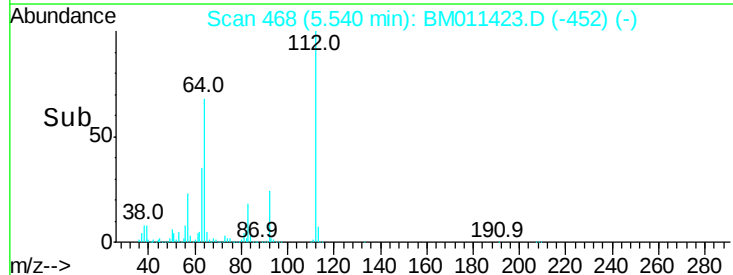
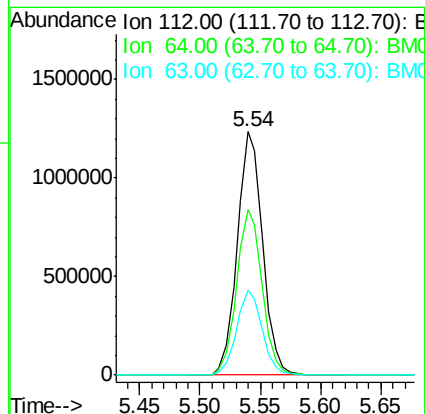
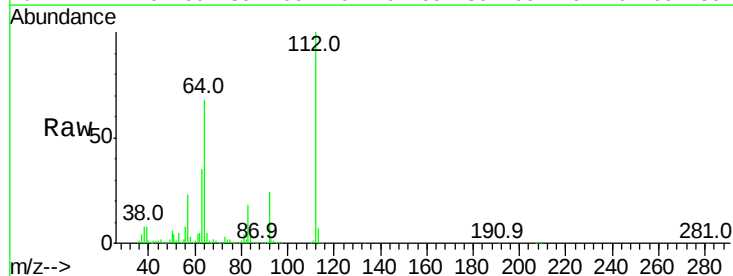
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	119.5	179.3
115	57.9	43.0	64.4

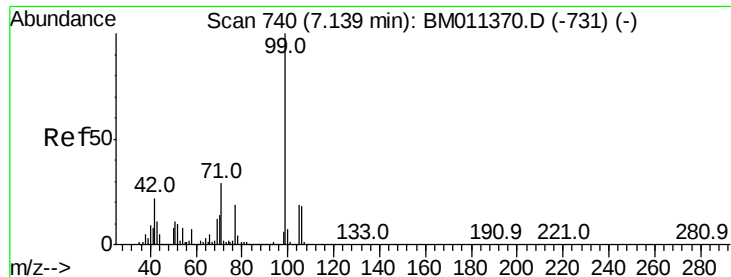


#5

2-Fluorophenol
Concen: 128.022 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011423.D
Acq: 02 Sep 2017 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	38.6	57.8#
63	35.0	19.3	28.9#





#7

Phenol-d6

Concen: 109.260 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011423.D

Acq: 02 Sep 2017 19:43

Instrument :

BNA_M

ClientSampleId :

HR-06-083117

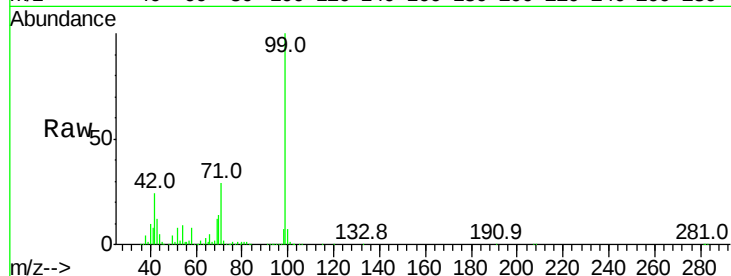
Tot Ion: 99 Resp: 2146948

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

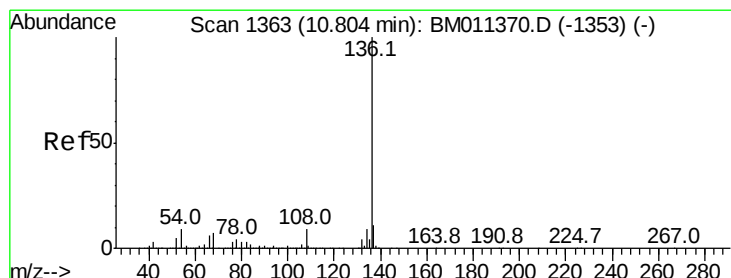
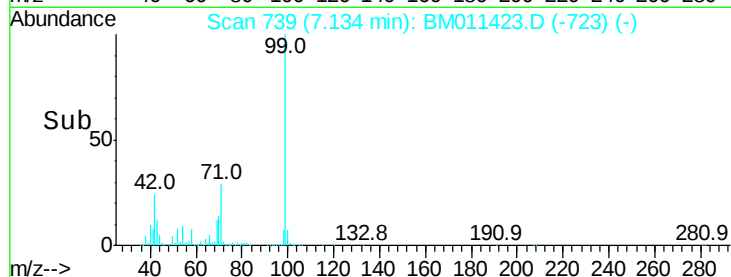
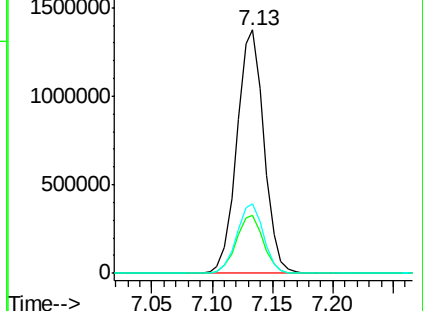
71 28.8 23.4 35.2



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: BM011423.D

Acq: 02 Sep 2017 19:43

Tgt Ion: 136 Resp: 947819

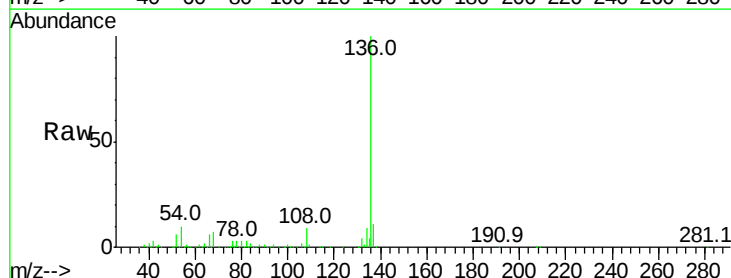
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.2 4.6 6.8#

68 7.1 3.7 5.5#

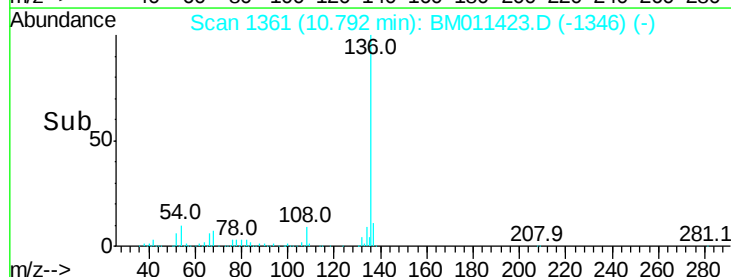
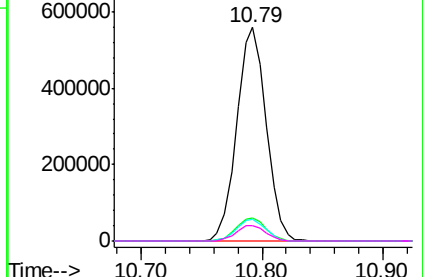


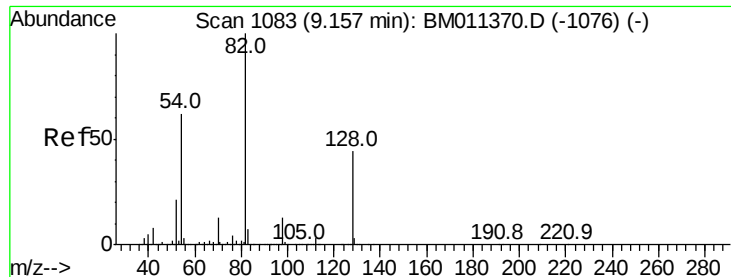
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

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: 90.793 ng

RT: 9.15 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BM011423.D

Acq: 02 Sep 2017 19:43

Instrument :

BNA_M

ClientSampleId :

HR-06-083117

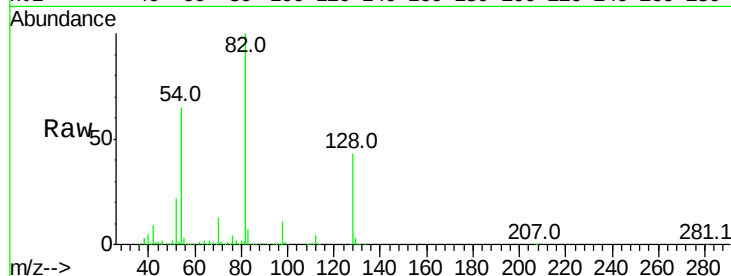
Tot Ion: 82 Resp: 1305886

Ion Ratio Lower Upper

82 100

128 43.4 32.8 49.2

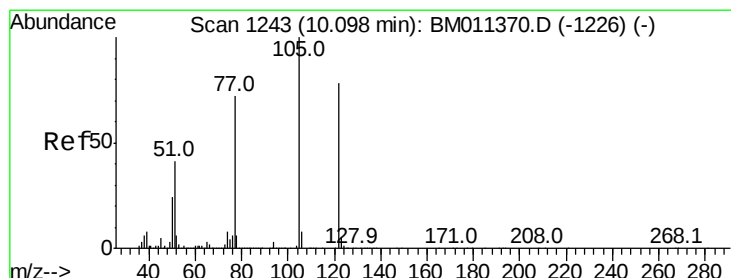
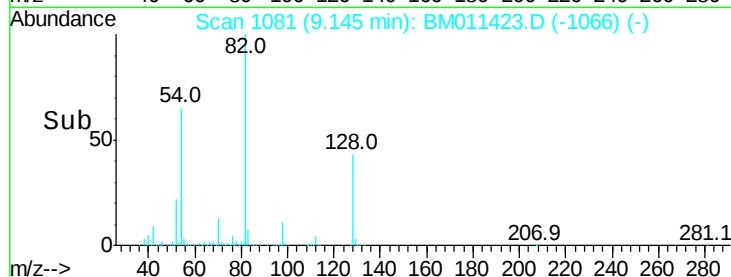
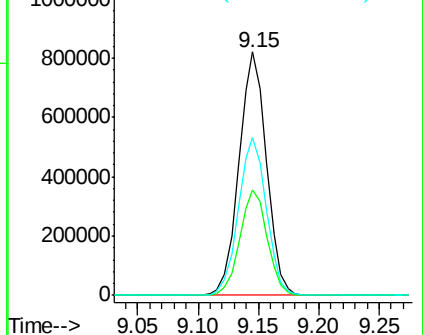
54 64.8 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM011370.D (-1076) (-)

Ion 128.00 (127.70 to 128.70): BM011370.D (-1076) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1076) (-)



#32

Benzoic acid

Concen: 6.577 ng

RT: 9.99 min Scan# 1225

Delta R.T. -0.11 min

Lab File: BM011423.D

Acq: 02 Sep 2017 19:43

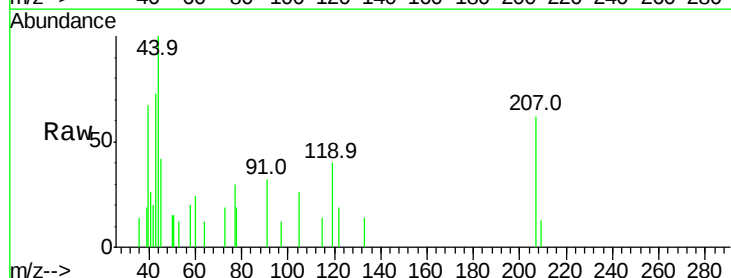
Tgt Ion: 122 Resp: 433

Ion Ratio Lower Upper

122 100

105 140.0 99.9 139.9#

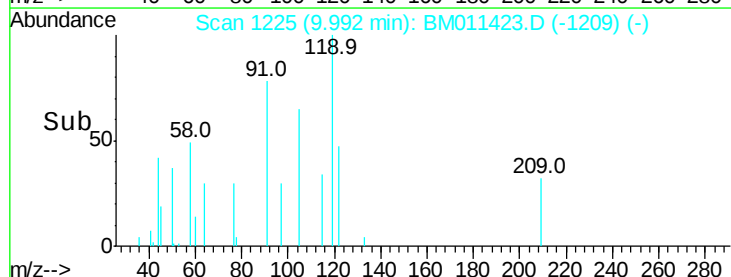
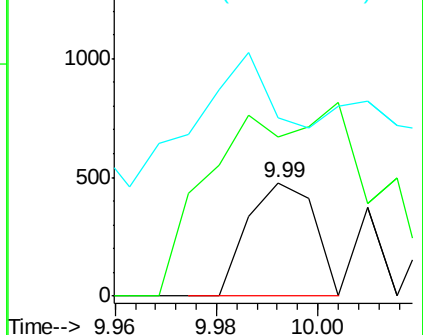
77 156.9 73.7 113.7#

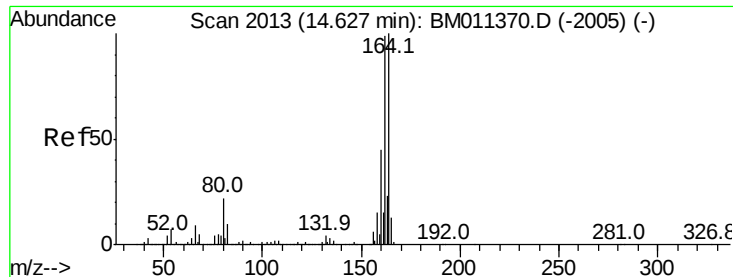


Abundance Ion 122.00 (121.70 to 122.70): BM011370.D (-1226) (-)

Ion 105.00 (104.70 to 105.70): BM011370.D (-1226) (-)

Ion 77.00 (76.70 to 77.70): BM011370.D (-1226) (-)





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BM011423.D

Acq: 02 Sep 2017 19:43

Instrument :

BNA_M

ClientSampleId :

HR-06-083117

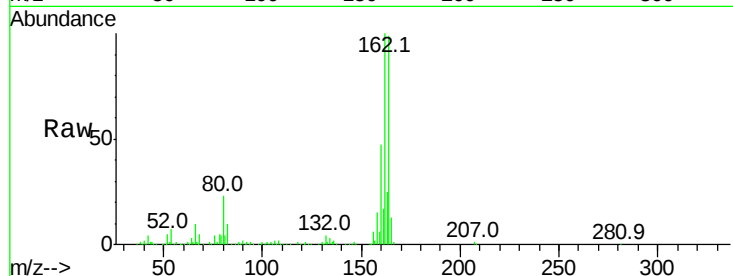
Tot Ion:164 Resp: 506455

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.4	123.6
160	47.3	35.8	53.6

164 100

162 101.1 82.4 123.6

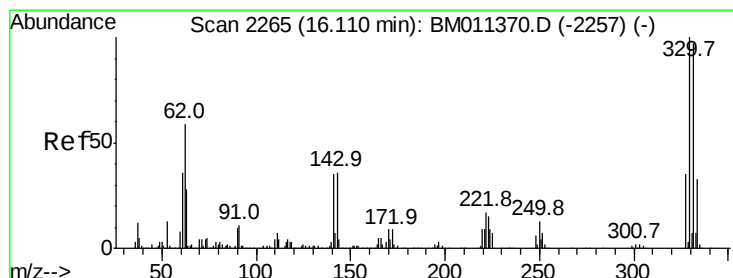
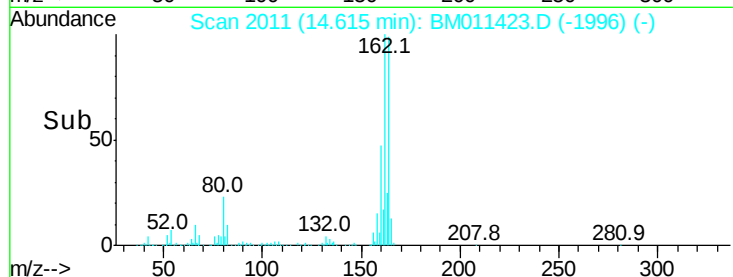
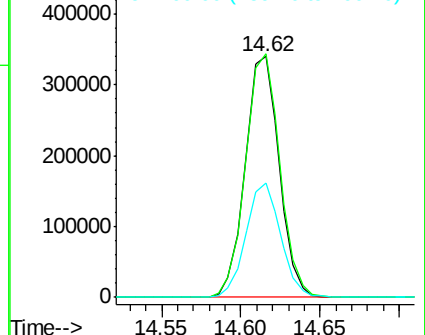
160 47.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 134.386 ng

RT: 16.10 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM011423.D

Acq: 02 Sep 2017 19:43

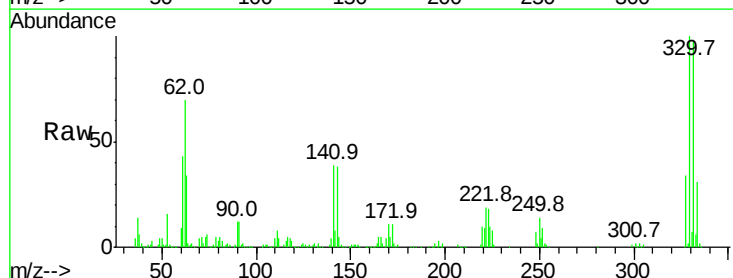
Tgt Ion:330 Resp: 787430

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	41.3	0.0	0.0#

330 100

332 96.9 0.0 0.0#

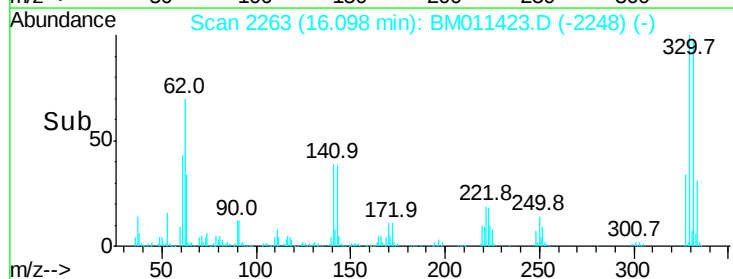
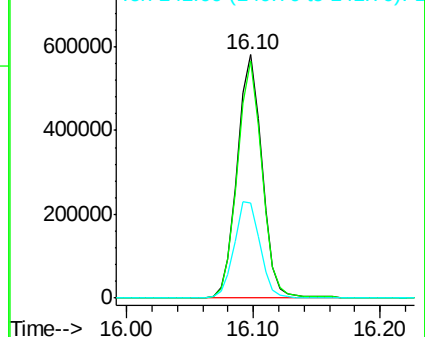
141 41.3 0.0 0.0#

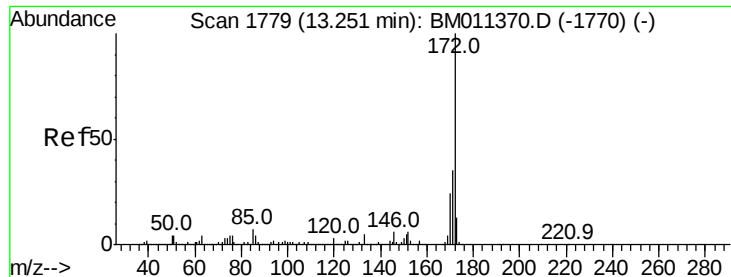


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

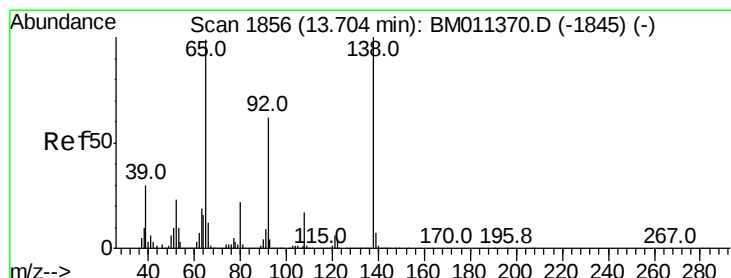
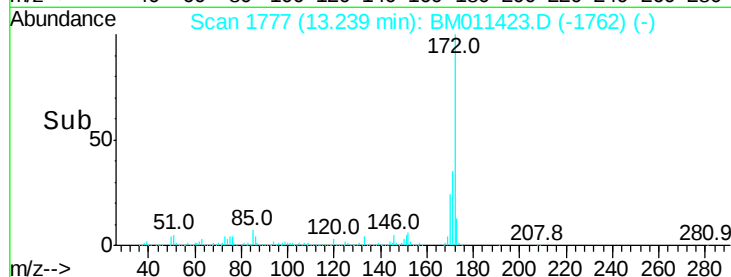
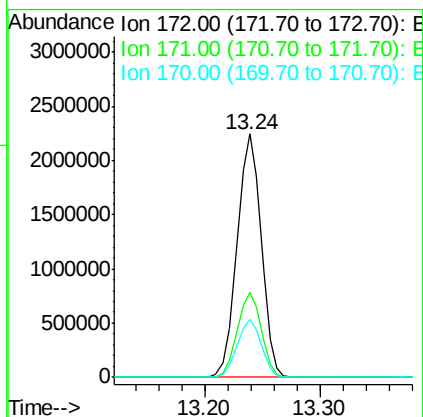
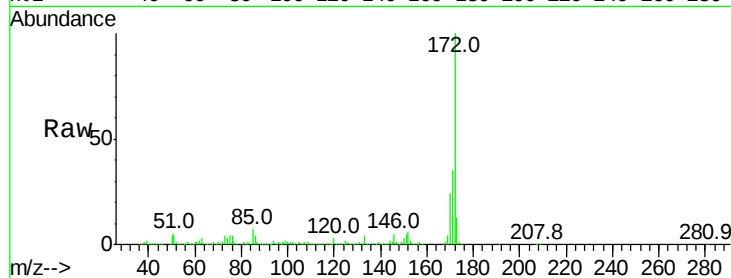




#44
2-Fluorobiphenyl
Concen: 92.157 ng
RT: 13.24 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM011423.D
Acq: 02 Sep 2017 19:43

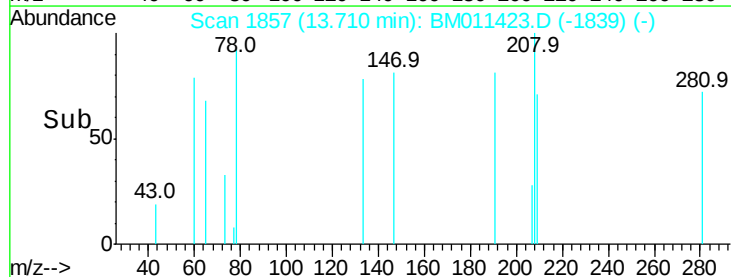
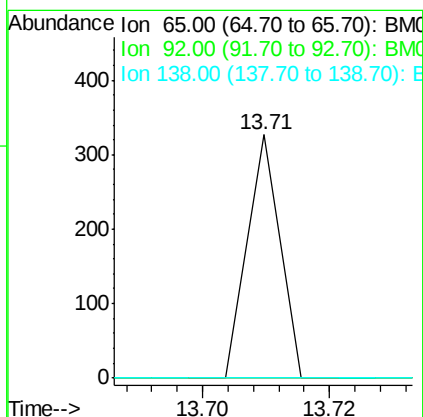
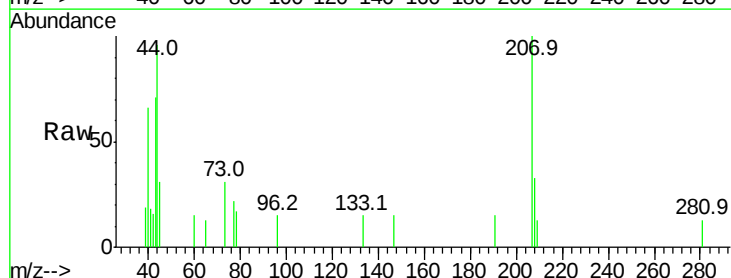
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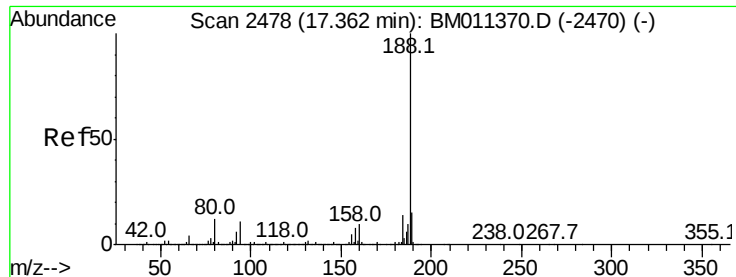
Tot Ion:172 Resp: 3237878
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.8 18.8 28.2



#47
2-Nitroaniline
Concen: 5.447 ng
RT: 13.71 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BM011423.D
Acq: 02 Sep 2017 19:43

Tgt Ion: 65 Resp: 115
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#

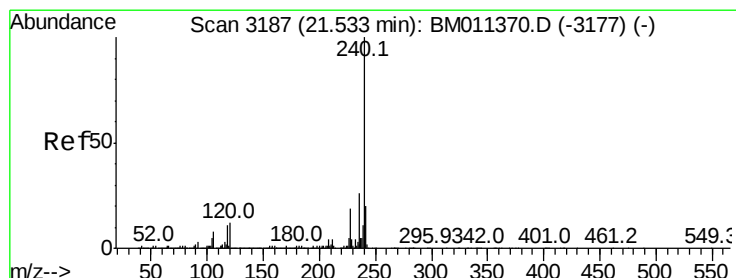
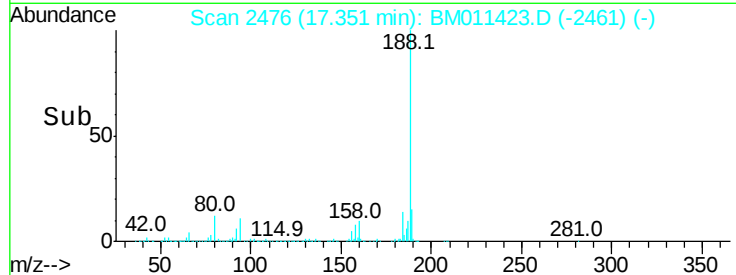
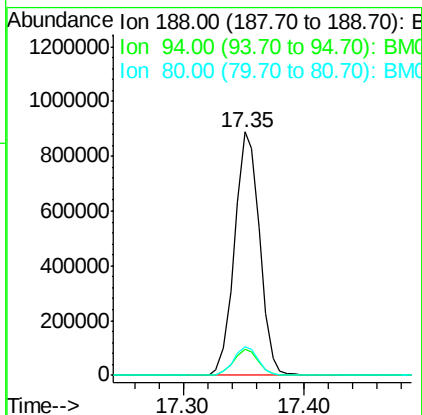
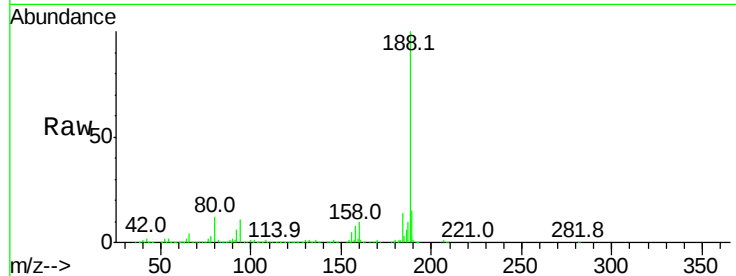




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011423.D
Acq: 02 Sep 2017 19:43

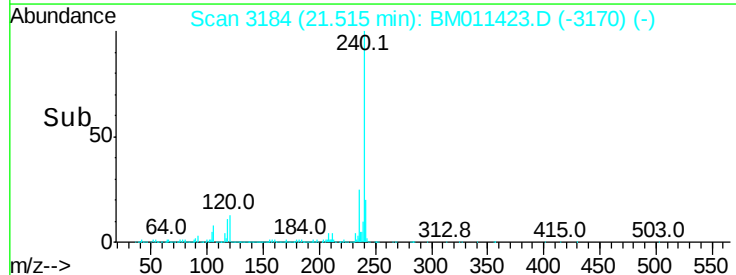
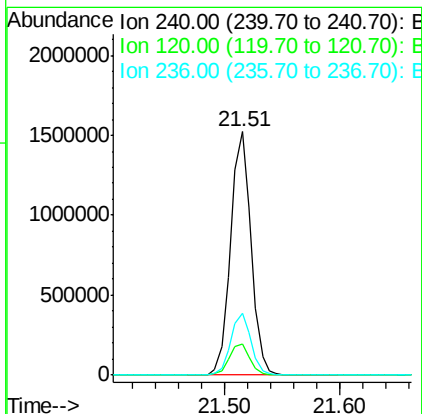
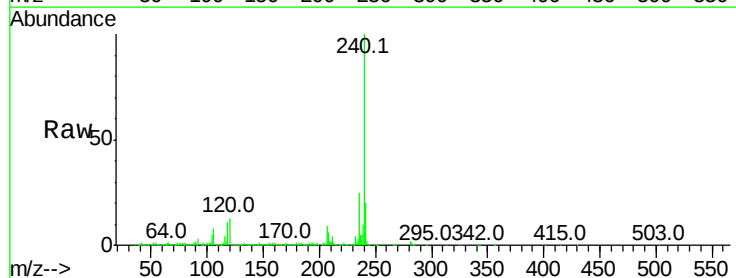
Instrument :
BNA_M
ClientSampleId :
HR-06-083117

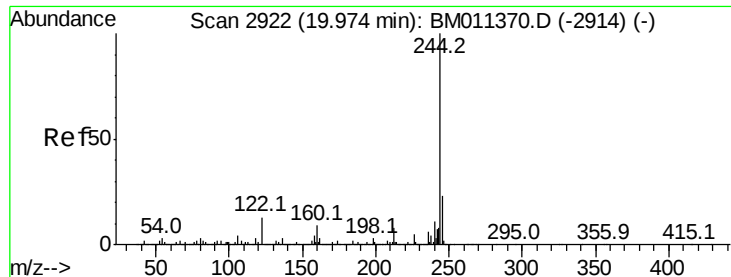
Tot Ion:188 Resp: 1287383
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.6 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011423.D
Acq: 02 Sep 2017 19:43

Tgt Ion:240 Resp: 1864920
Ion Ratio Lower Upper
240 100
120 12.7 8.2 12.2#
236 25.3 20.0 30.0





#78

Terphenyl-d14

Concen: 78.659 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011423.D

Acq: 02 Sep 2017 19:43

Instrument :

BNA_M

ClientSampleId :

HR-06-083117

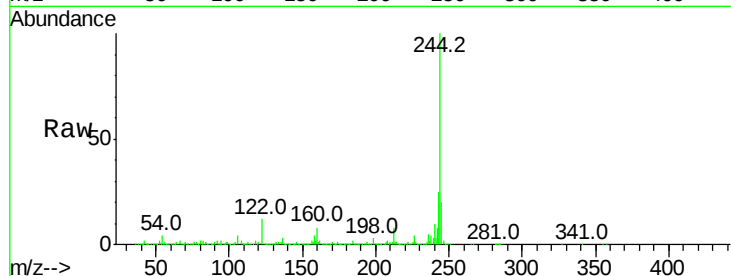
Tot Ion:244 Resp: 5912152

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

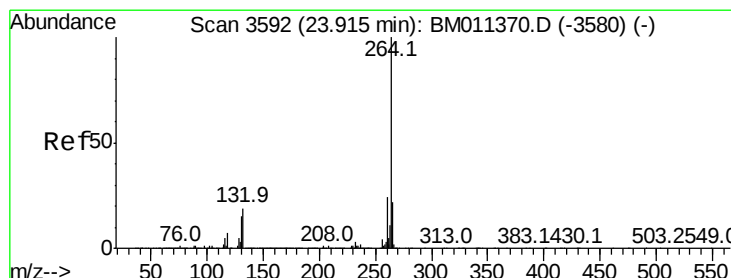
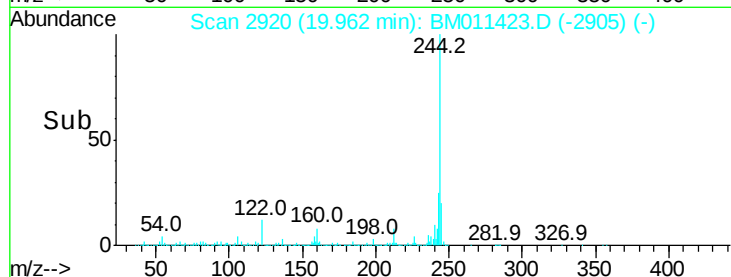
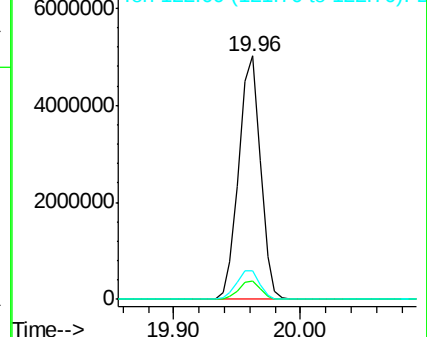
122 11.8 6.2 9.4#



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: BM011423.D

Acq: 02 Sep 2017 19:43

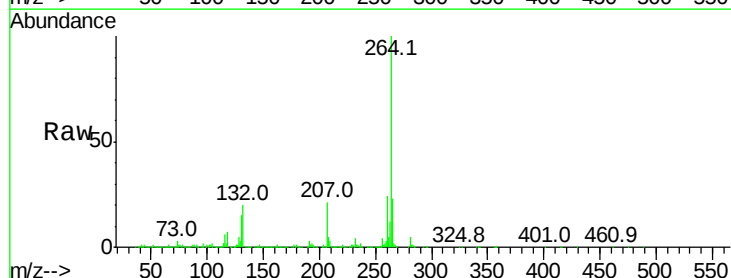
Tgt Ion:264 Resp: 1974603

Ion Ratio Lower Upper

264 100

260 23.9 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

