

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016465.D
 Acq On : 18 Aug 2018 09:50
 Operator : SJ/JU
 Sample : J4516-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 20 01:16:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 16:27:00 2018
 Response via : Initial Calibration

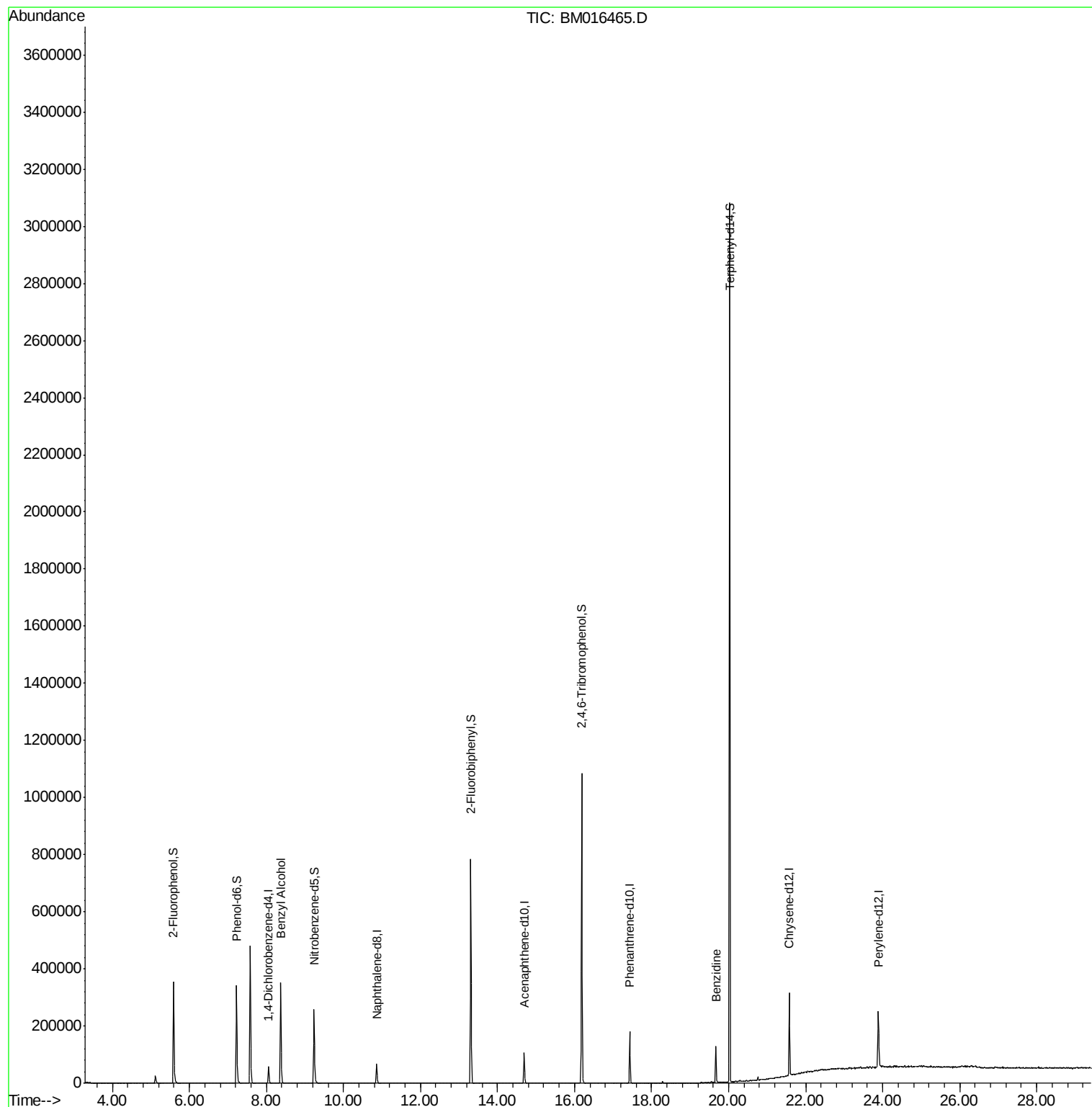
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	12321	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	43515	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	28017	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	80441	20.00	ng	-0.01
75) Chrysene-d12	21.58	240	117119	20.00	ng	0.00
86) Perylene-d12	23.89	264	130501	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	100182	136.65	ng	0.00
7) Phenol-d6	7.23	99	111875	113.53	ng	0.00
23) Nitrobenzene-d5	9.24	82	115023	110.09	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	92378	218.31	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	268693	99.72	ng	-0.01
78) Terphenyl-d14	20.03	244	906979	117.05	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	2431	2.718	ng	Qvalue # 1
76) Benzidine	19.67	184	56297	21.840	ng	96

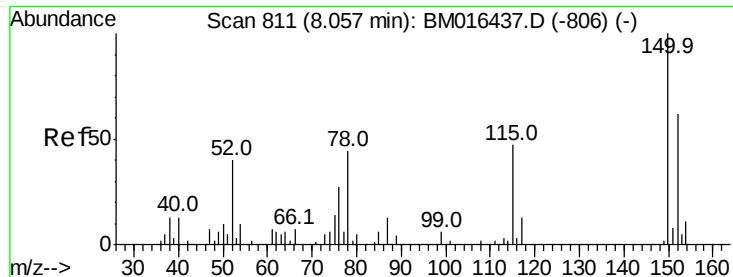
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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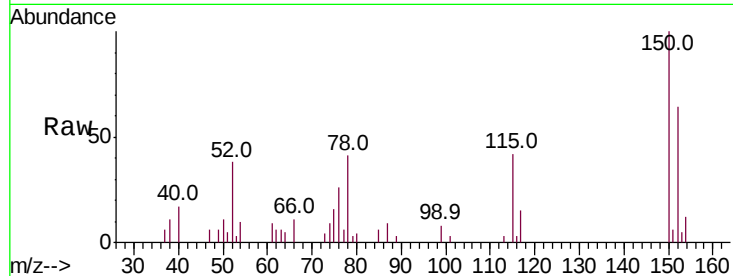


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM016465.D
Acq: 18 Aug 2018 09:50

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	119.5	179.3
115	66.0	43.0	64.4#

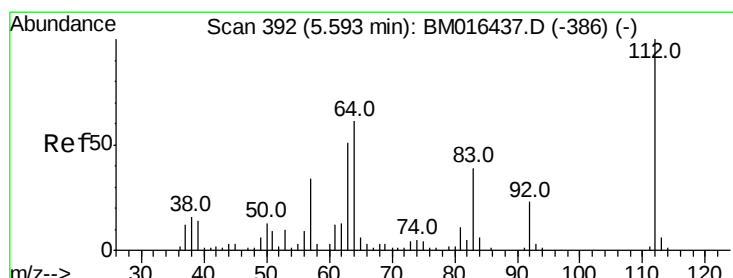
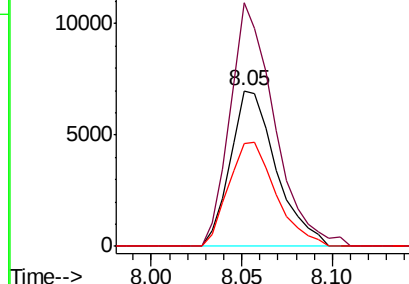
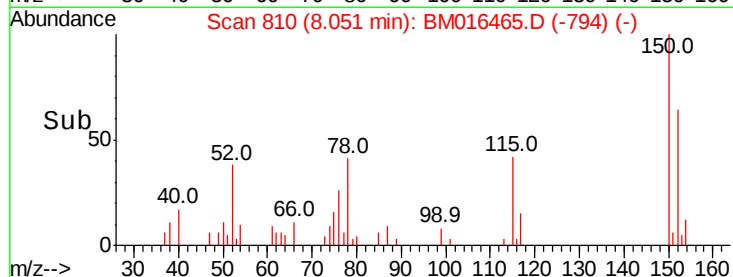


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

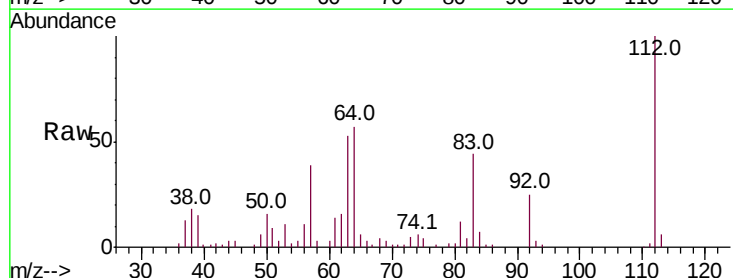
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.59 min Scan# 391
Delta R.T. -0.01 min
Lab File: BM016465.D
Acq: 18 Aug 2018 09:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	38.6	57.8
63	52.6	19.3	28.9#

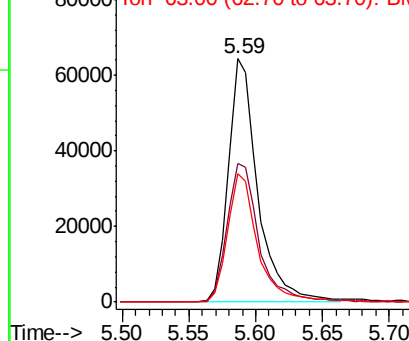
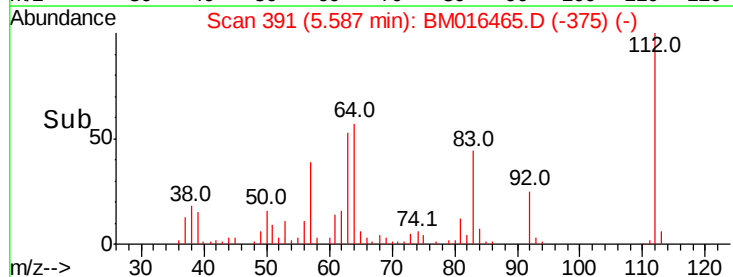


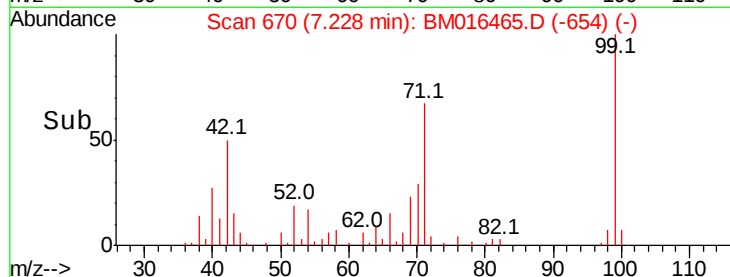
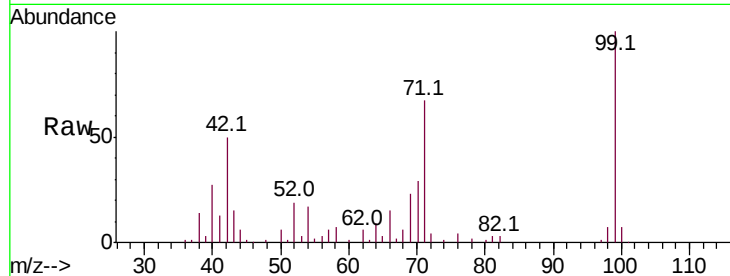
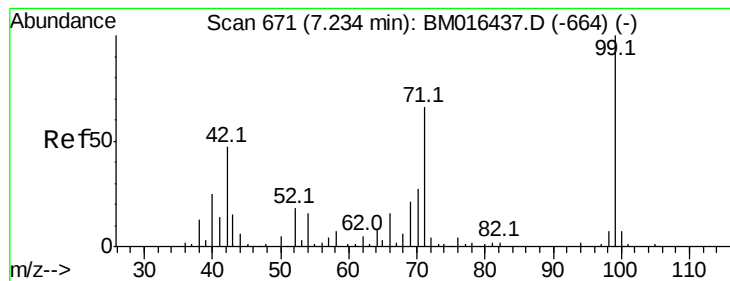
Abundance

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: N.D. ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016465.D

Acq: 18 Aug 2018 09:50

Instrument :

BNA_M

ClientSampled :

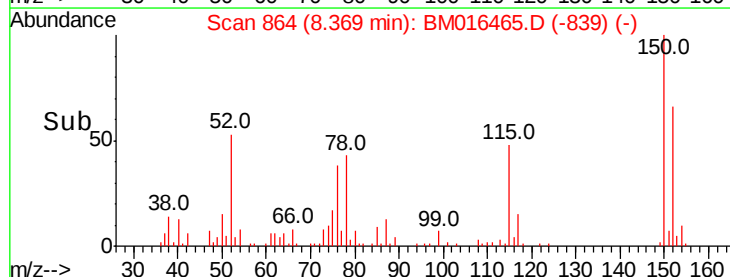
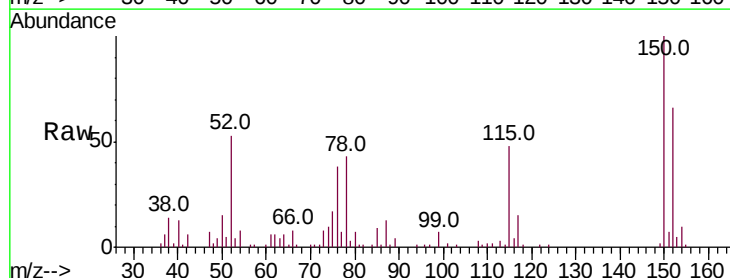
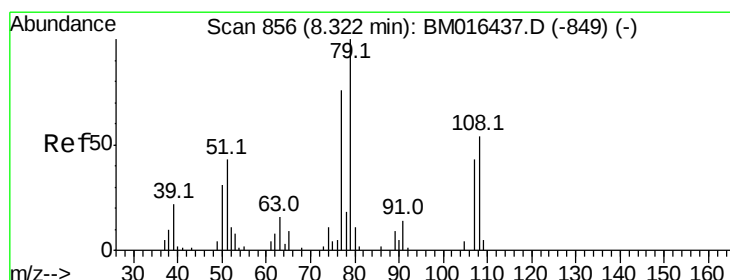
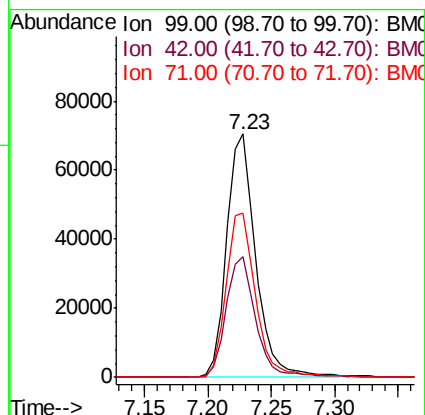
Tot Ion: 99 Resp: 111875

Ion Ratio Lower Upper

99 100

42 49.6 11.0 16.4#

71 67.2 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.718 ng

RT: 8.37 min Scan# 864

Delta R.T. 0.05 min

Lab File: BM016465.D

Acq: 18 Aug 2018 09:50

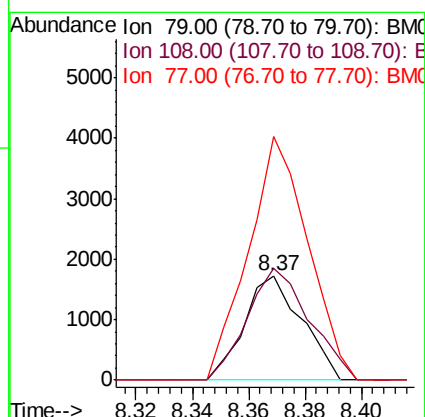
Tgt Ion: 79 Resp: 2431

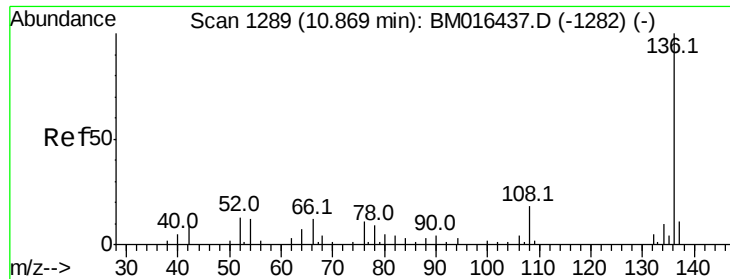
Ion Ratio Lower Upper

79 100

108 107.2 65.0 97.4#

77 233.6 53.0 79.6#

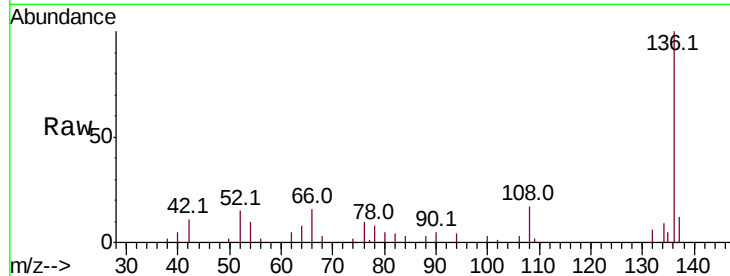




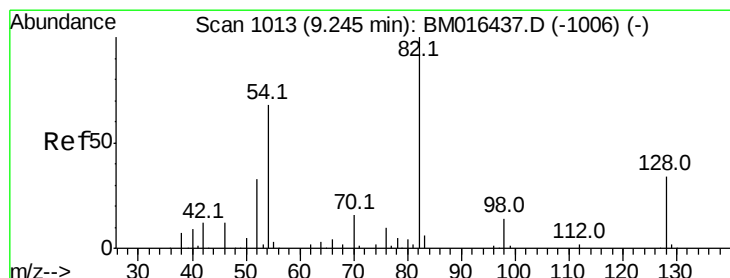
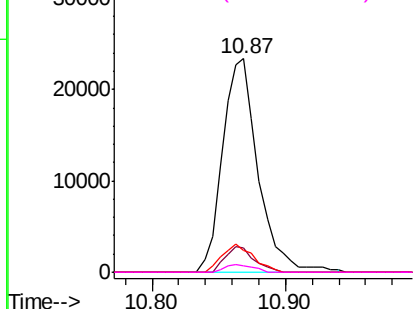
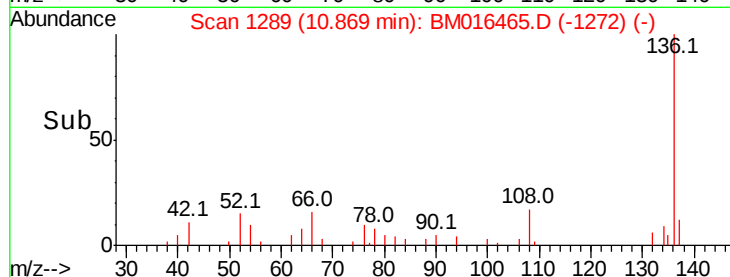
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BM016465.D
Acq: 18 Aug 2018 09:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	43515
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.9	4.6	6.8#
68	3.2	3.7	5.5#

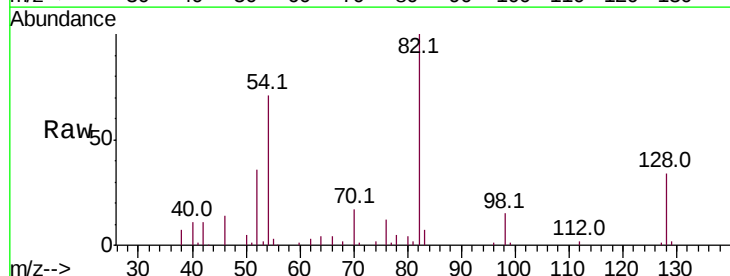


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

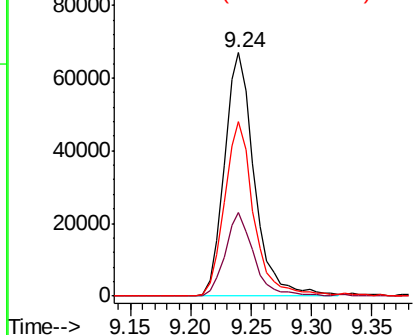
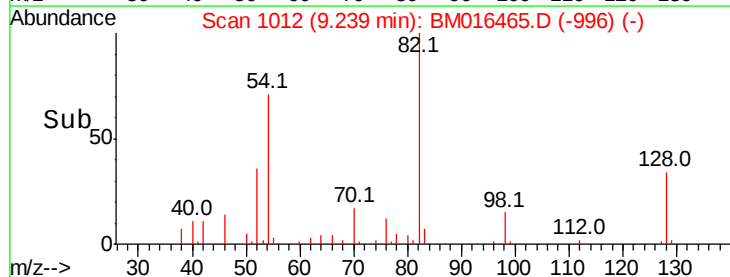


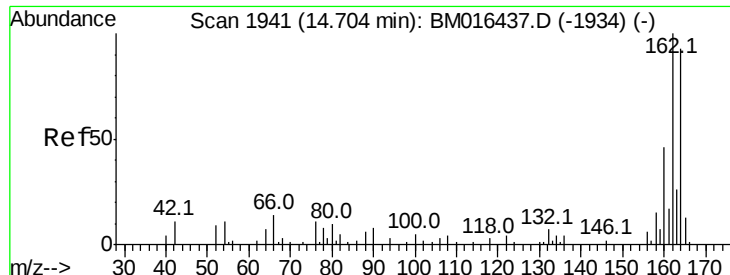
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016465.D
Acq: 18 Aug 2018 09:50

Tgt Ion:	82	Resp:	115023
Ion	Ratio	Lower	Upper
82	100		
128	34.4	32.8	49.2
54	71.5	40.6	60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM016465.D

Acq: 18 Aug 2018 09:50

Instrument :

BNA_M

ClientSampleId :

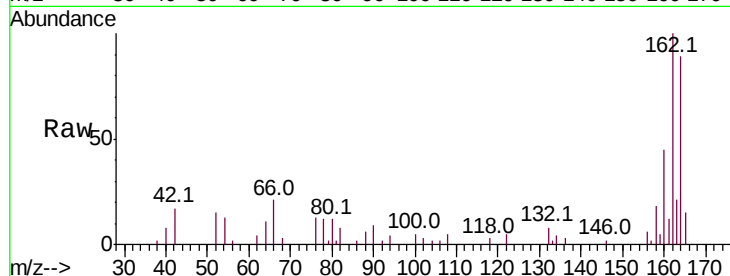
Tot Ion:164 Resp: 28017

Ion Ratio Lower Upper

164 100

162 111.9 82.4 123.6

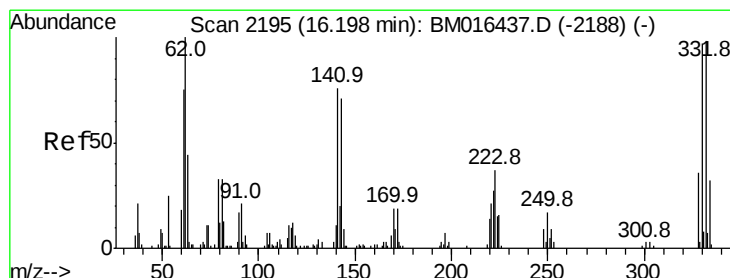
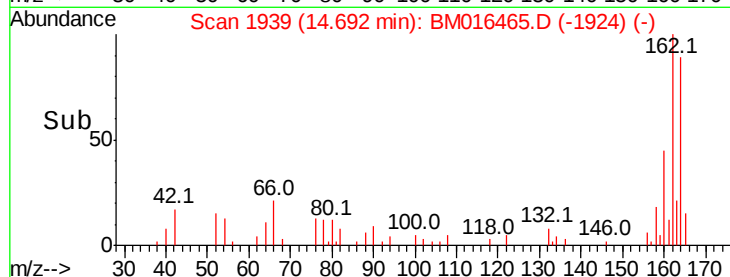
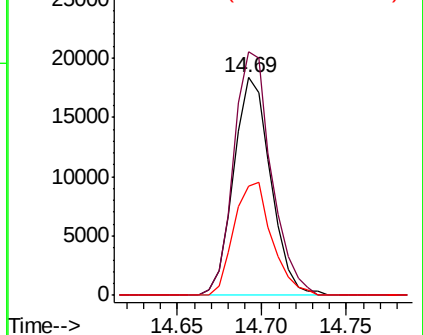
160 50.5 35.8 53.6



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: N.D. ng

RT: 16.19 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BM016465.D

Acq: 18 Aug 2018 09:50

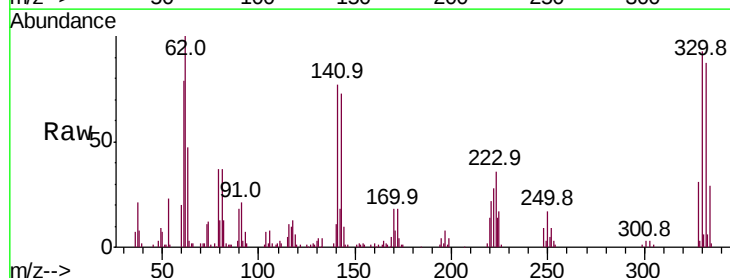
Tgt Ion:330 Resp: 92378

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

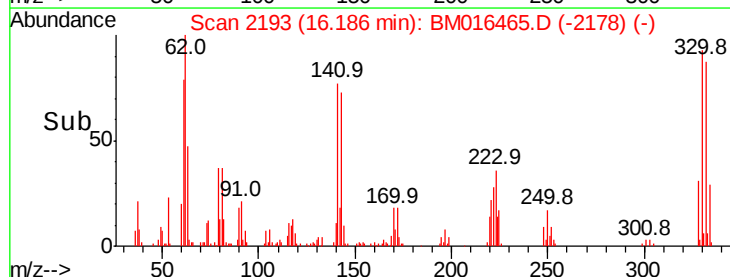
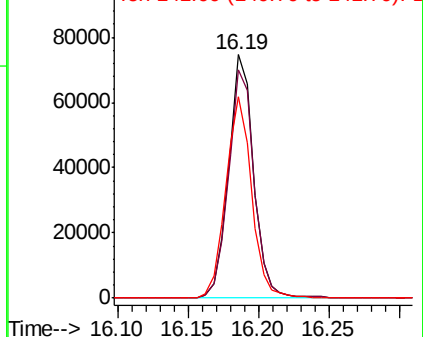
141 84.7 0.0 0.0#

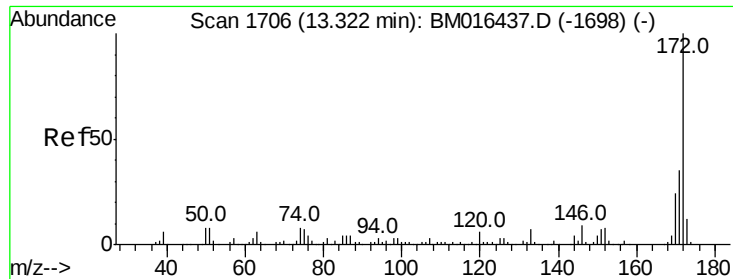


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

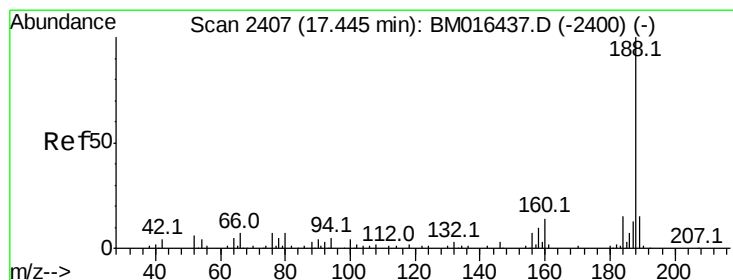
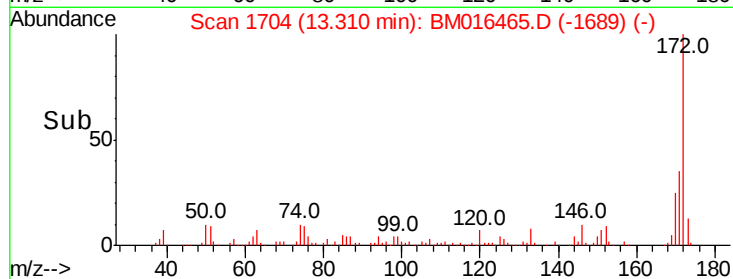
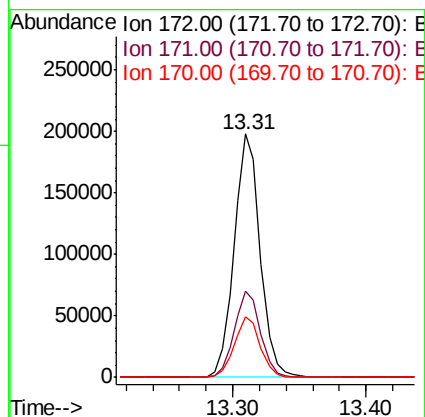
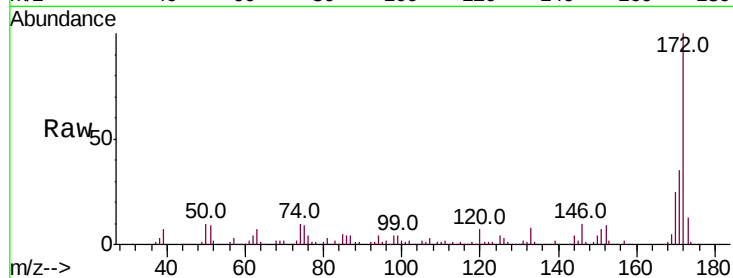




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.31 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM016465.D
Acq: 18 Aug 2018 09:50

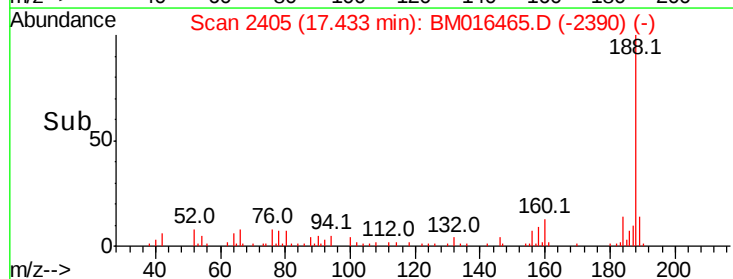
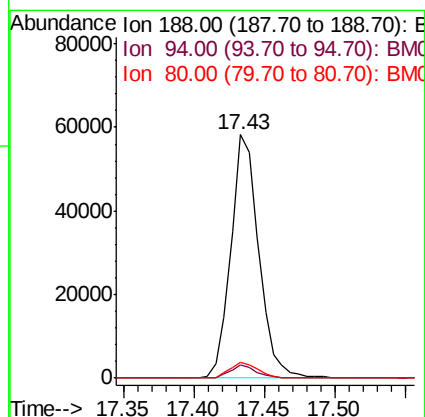
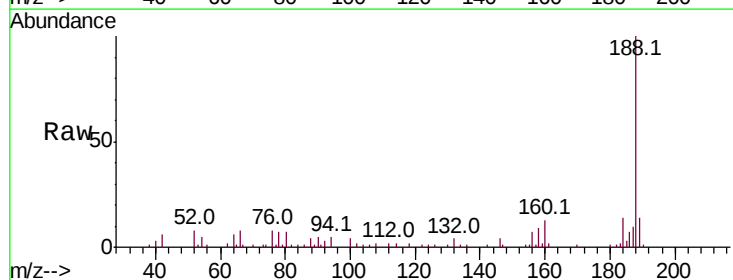
Instrument :
BNA_M
ClientSampleId :

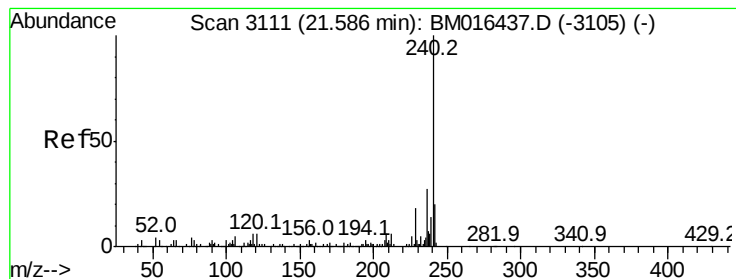
Tot Ion:172 Resp: 268693
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.8 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM016465.D
Acq: 18 Aug 2018 09:50

Tgt Ion:188 Resp: 80441
Ion Ratio Lower Upper
188 100
94 5.2 8.7 13.1#
80 6.6 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM016465.D

Acq: 18 Aug 2018 09:50

Instrument :

BNA_M

ClientSampleId :

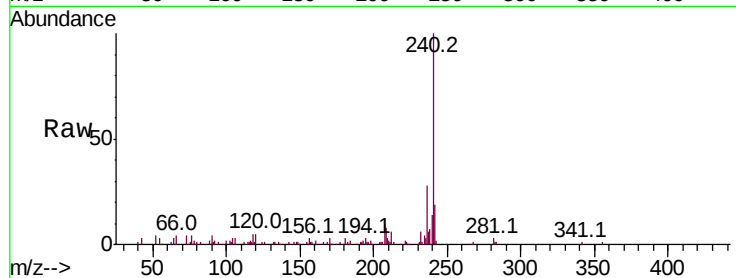
Tot Ion:240 Resp: 117119

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

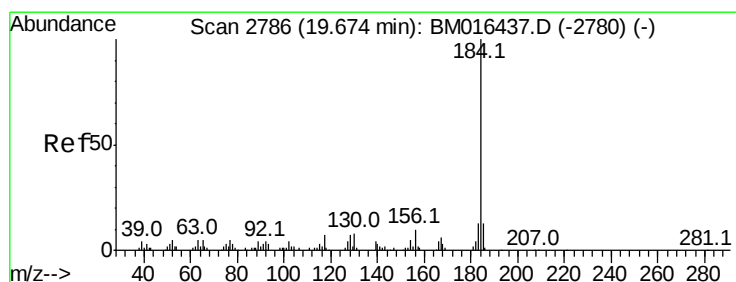
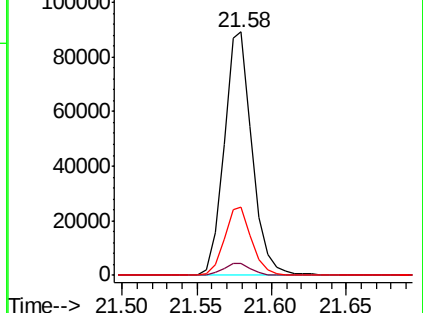
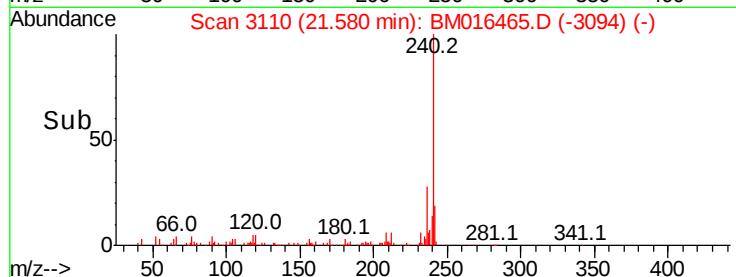
236 28.0 20.0 30.0



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: 21.840 ng

RT: 19.67 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BM016465.D

Acq: 18 Aug 2018 09:50

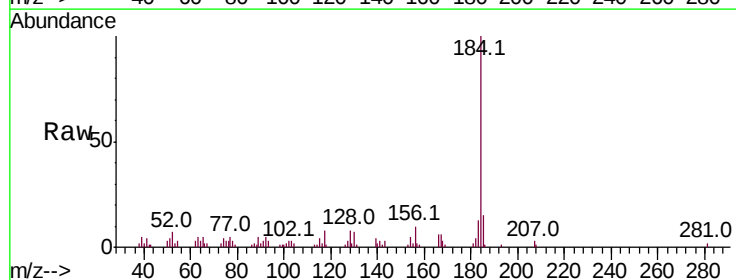
Tgt Ion:184 Resp: 56297

Ion Ratio Lower Upper

184 100

185 14.9 11.3 16.9

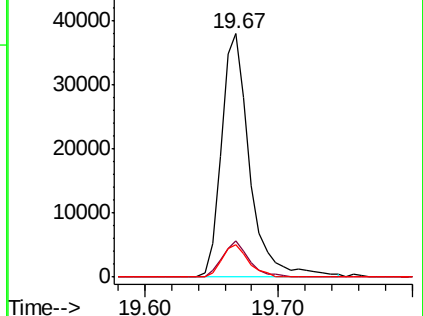
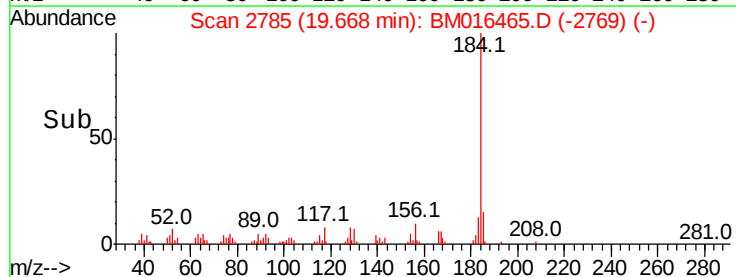
183 13.1 8.9 13.3

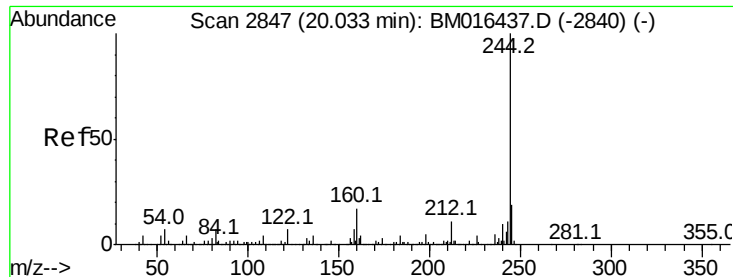


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

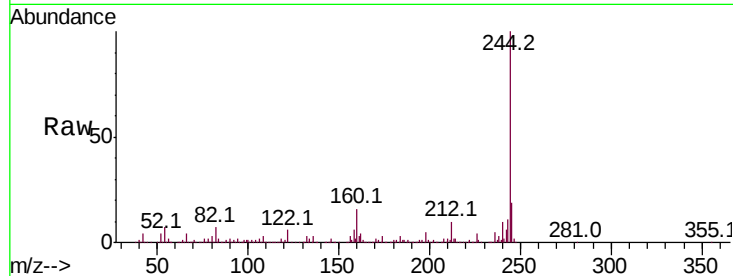




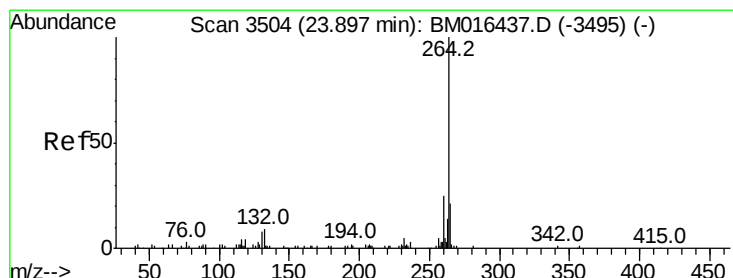
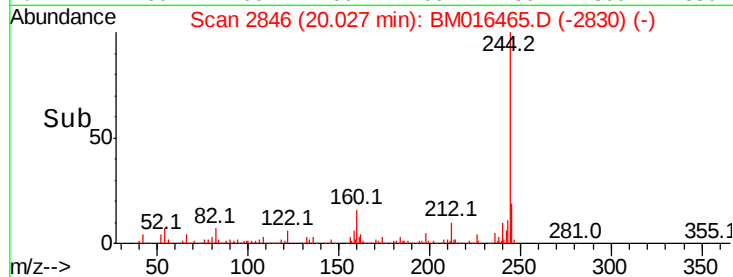
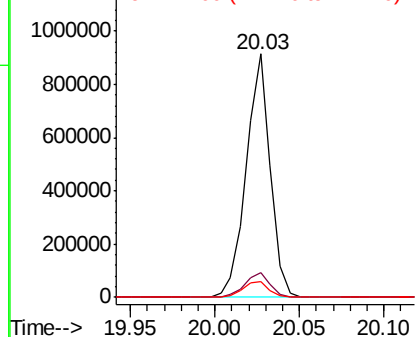
#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.03 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BM016465.D
 Acq: 18 Aug 2018 09:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 906979
 Ion Ratio Lower Upper
 244 100
 212 10.2 4.9 7.3#
 122 6.5 6.2 9.4

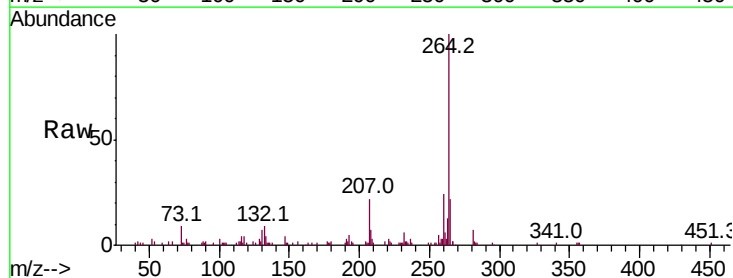


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.89 min Scan# 3502
 Delta R.T. -0.01 min
 Lab File: BM016465.D
 Acq: 18 Aug 2018 09:50

Tgt Ion:264 Resp: 130501
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 22.4 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

