

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016464.D
 Acq On : 18 Aug 2018 09:13
 Operator : SJ/JU
 Sample : J4500-24
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 20 01:16:08 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

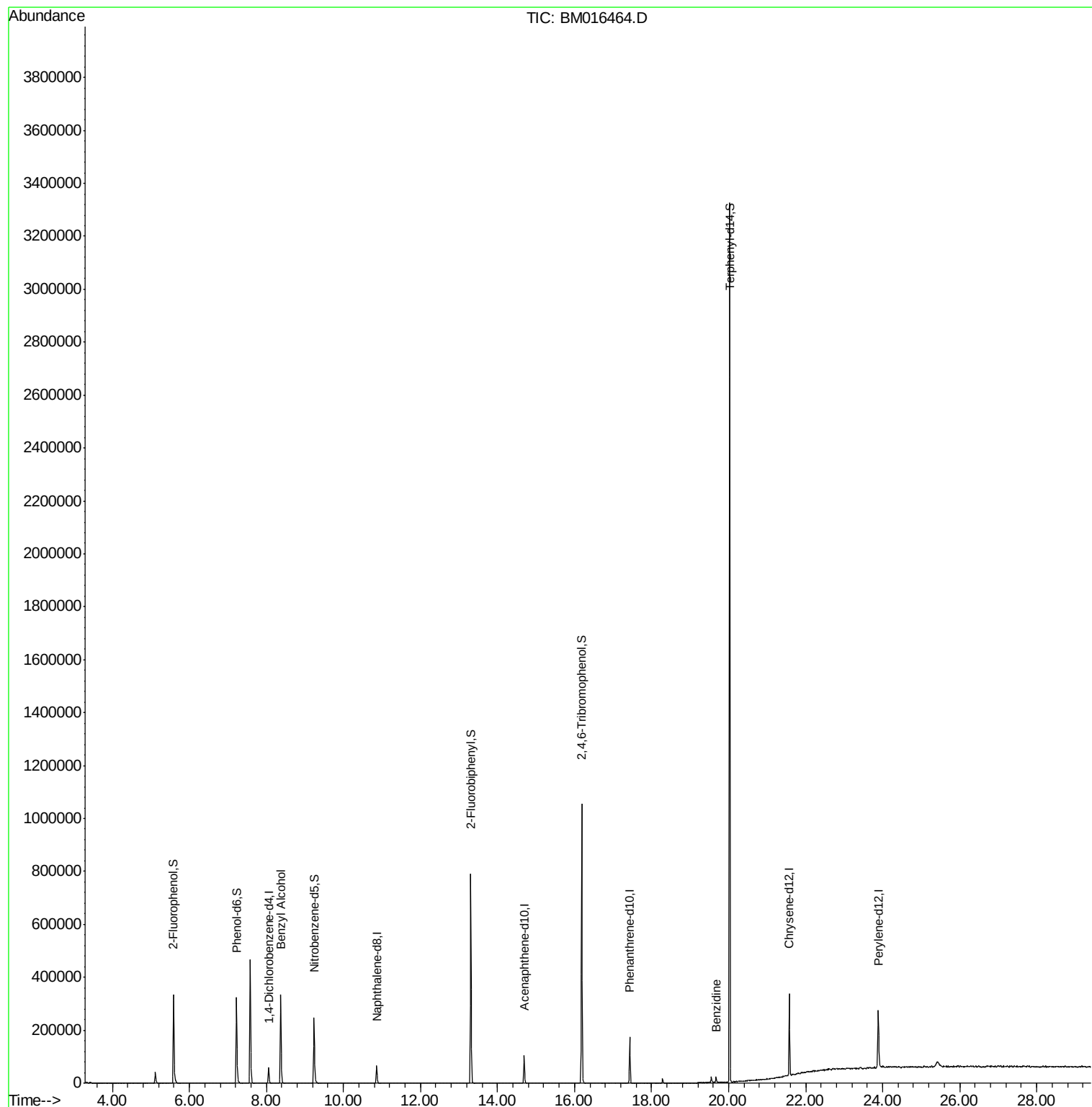
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	11611	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	44881	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	29830	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	83739	20.00	ng	-0.01
75) Chrysene-d12	21.58	240	122491	20.00	ng	0.00
86) Perylene-d12	23.88	264	140666	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	103985	150.51	ng	0.00
7) Phenol-d6	7.22	99	115156	124.00	ng	-0.01
23) Nitrobenzene-d5	9.24	82	117052	108.62	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	93499	207.53	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	274437	95.67	ng	-0.01
78) Terphenyl-d14	20.03	244	975354	120.35	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	2389	2.834	ng	Qvalue # 45
76) Benzidine	19.67	184	14279	5.297	ng	95

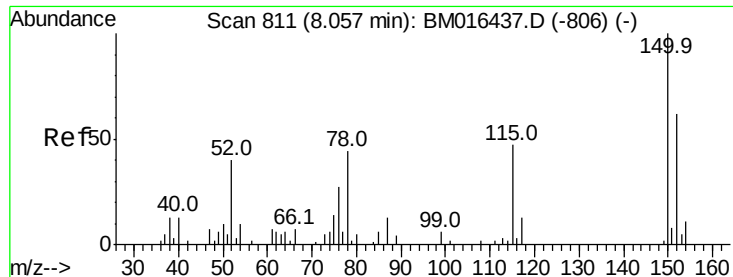
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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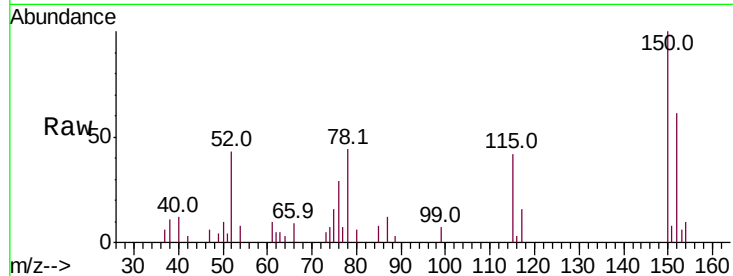


#1

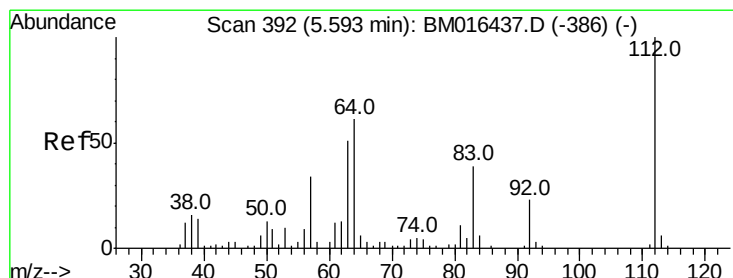
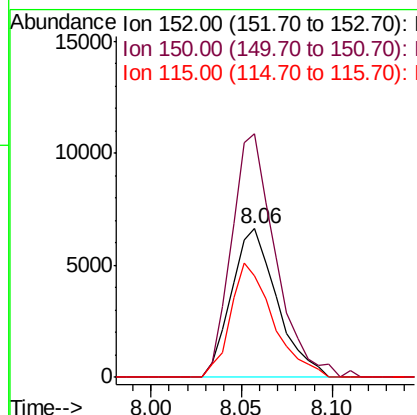
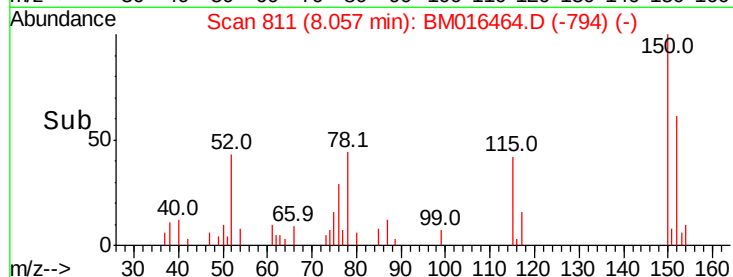
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BM016464.D
Acq: 18 Aug 2018 09:13

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 11611
Ion Ratio Lower Upper
152 100
150 164.2 119.5 179.3
115 68.5 43.0 64.4#



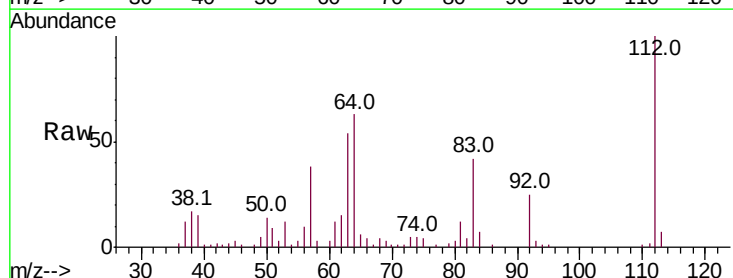
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



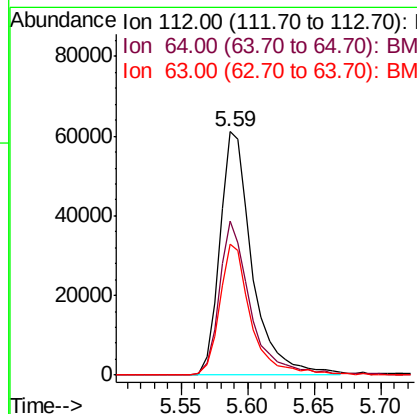
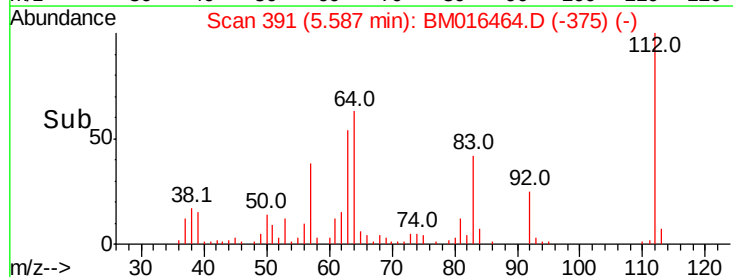
#5

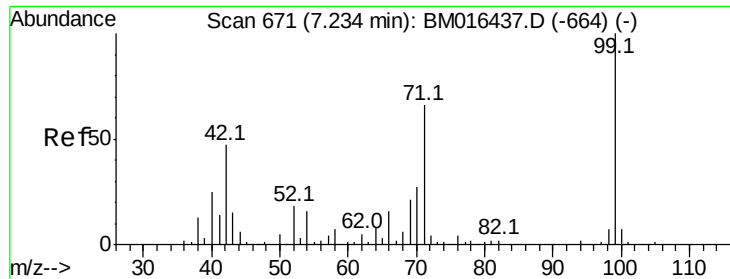
2-Fluorophenol
Concen: N.D. ng
RT: 5.59 min Scan# 391
Delta R.T. -0.01 min
Lab File: BM016464.D
Acq: 18 Aug 2018 09:13

Tgt Ion:112 Resp: 103985
Ion Ratio Lower Upper
112 100
64 63.2 38.6 57.8#
63 53.8 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: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM016464.D

Acq: 18 Aug 2018 09:13

Instrument :

BNA_M

ClientSampled :

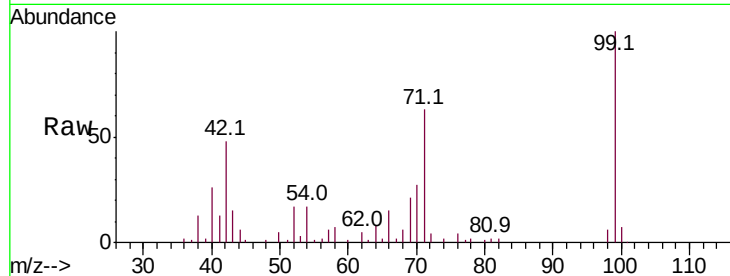
Tot Ion: 99 Resp: 115156

Ion Ratio Lower Upper

99 100

42 48.4 11.0 16.4#

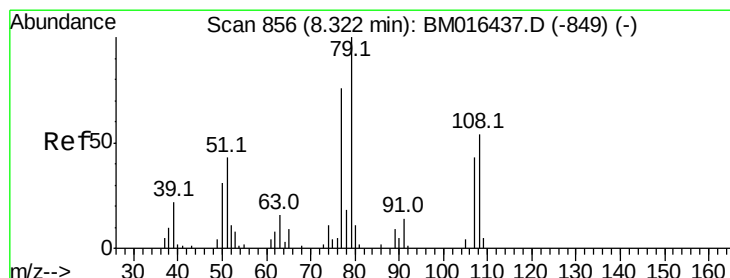
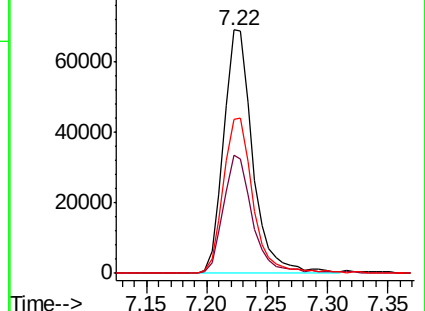
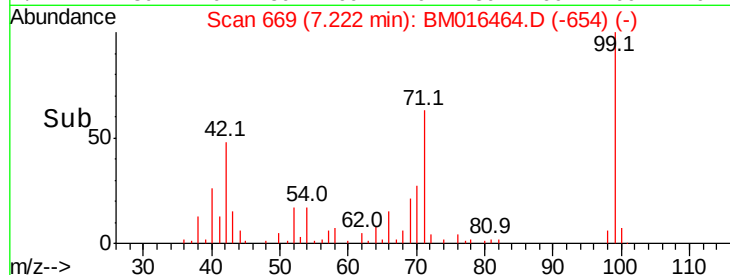
71 63.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016437.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM016437.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM016437.D (-664) (-)



#15

Benzyl Alcohol

Concen: 2.834 ng

RT: 8.37 min Scan# 865

Delta R.T. 0.05 min

Lab File: BM016464.D

Acq: 18 Aug 2018 09:13

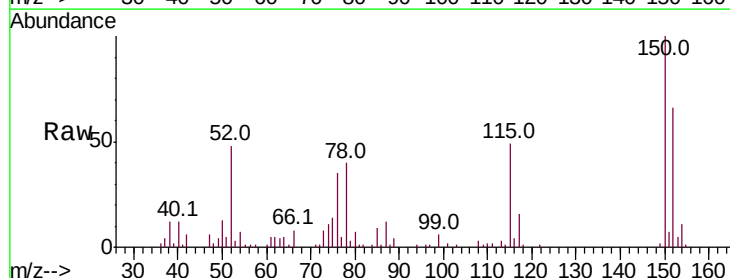
Tgt Ion: 79 Resp: 2389

Ion Ratio Lower Upper

79 100

108 82.8 65.0 97.4

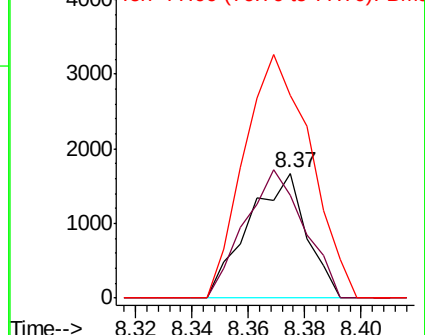
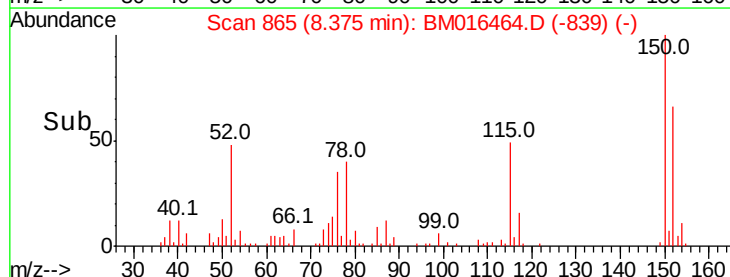
77 162.4 53.0 79.6#

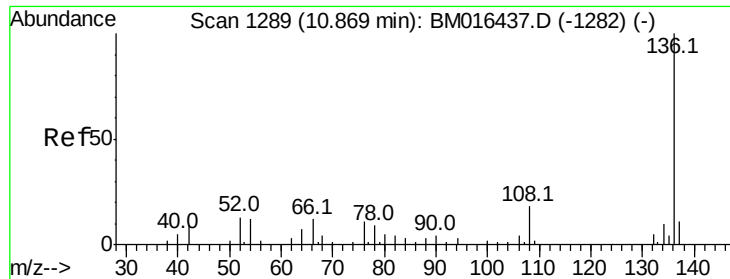


Abundance Ion 79.00 (78.70 to 79.70): BM016437.D (-849) (-)

Ion 108.00 (107.70 to 108.70): BM016437.D (-849) (-)

Ion 77.00 (76.70 to 77.70): BM016437.D (-849) (-)

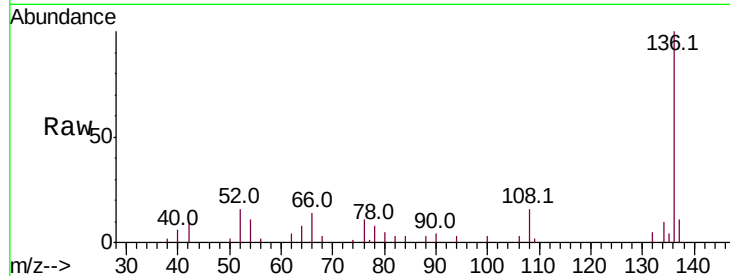




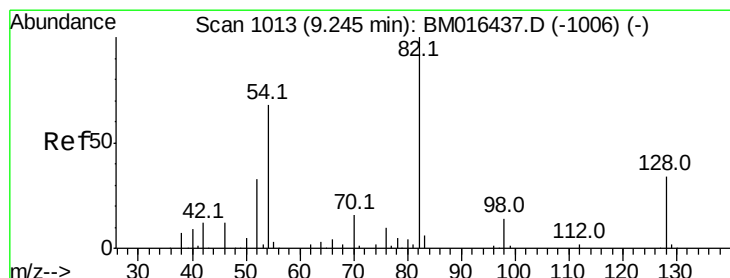
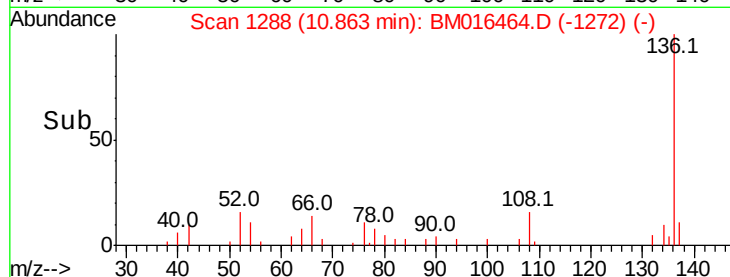
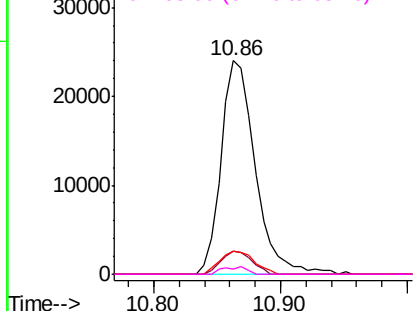
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM016464.D
Acq: 18 Aug 2018 09:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 44881
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 10.9 4.6 6.8#
68 2.5 3.7 5.5#

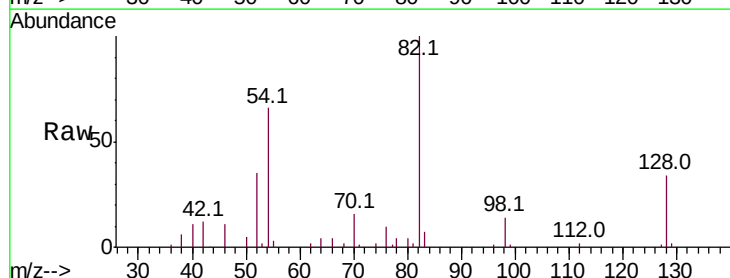


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

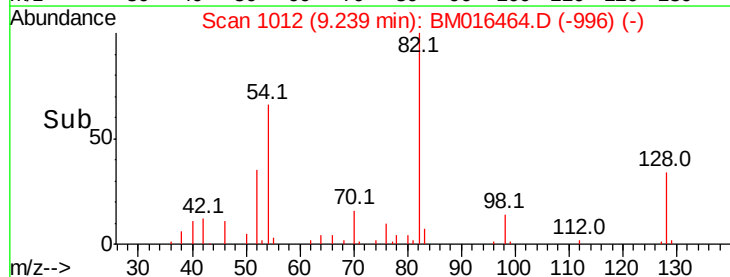
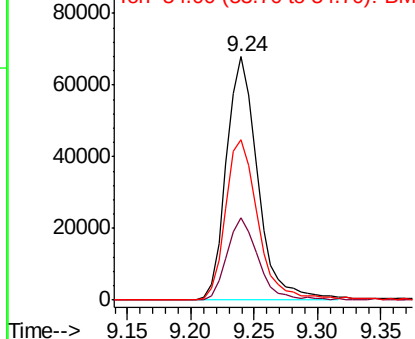


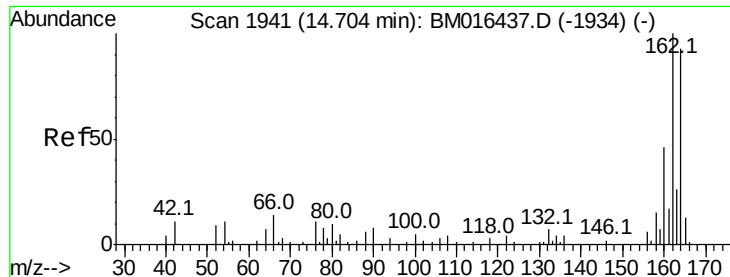
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016464.D
Acq: 18 Aug 2018 09:13

Tgt Ion: 82 Resp: 117052
Ion Ratio Lower Upper
82 100
128 33.7 32.8 49.2
54 66.1 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: BM016464.D

Acq: 18 Aug 2018 09:13

Instrument :

BNA_M

ClientSampleId :

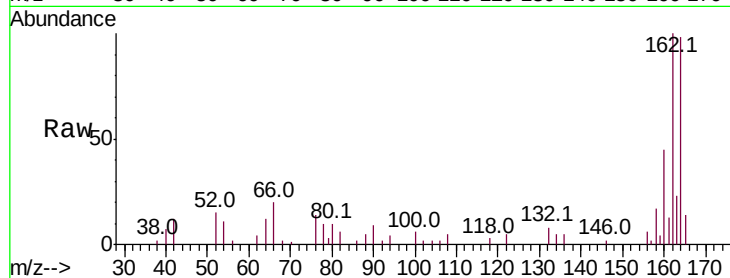
Tot Ion:164 Resp: 29830

Ion Ratio Lower Upper

164 100

162 102.5 82.4 123.6

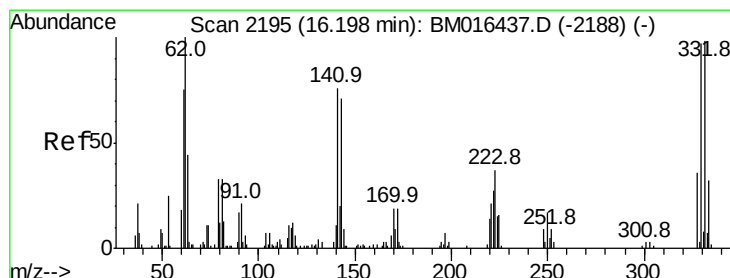
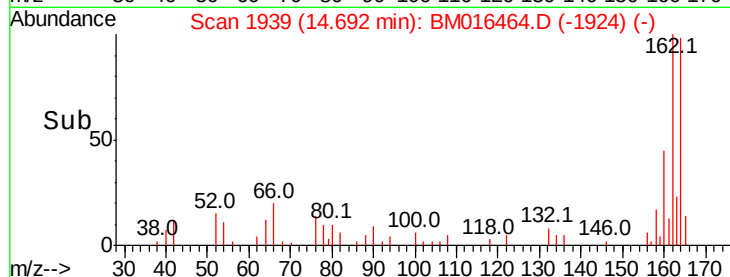
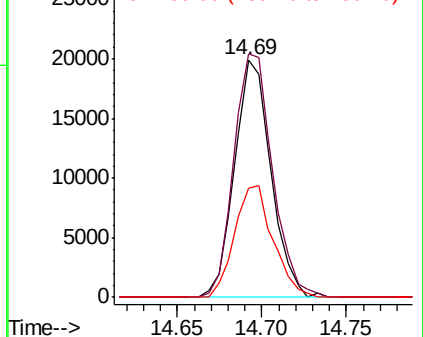
160 46.1 35.8 53.6



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: BM016464.D

Acq: 18 Aug 2018 09:13

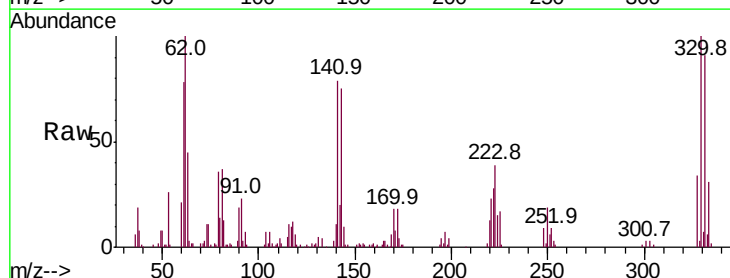
Tgt Ion:330 Resp: 93499

Ion Ratio Lower Upper

330 100

332 95.5 0.0 0.0#

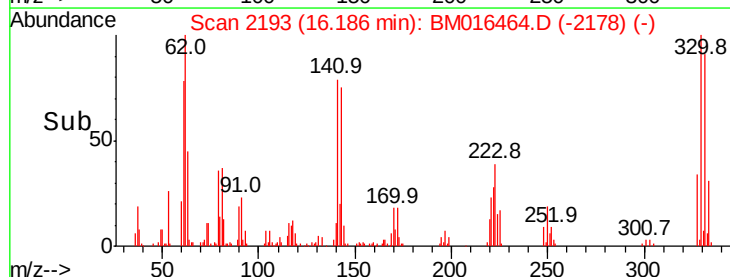
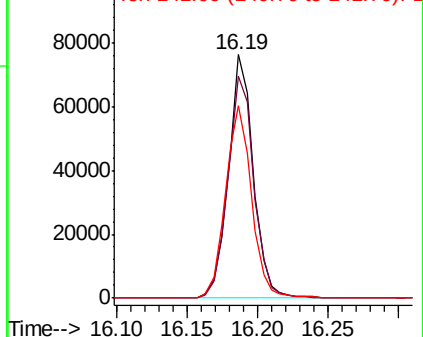
141 82.5 0.0 0.0#

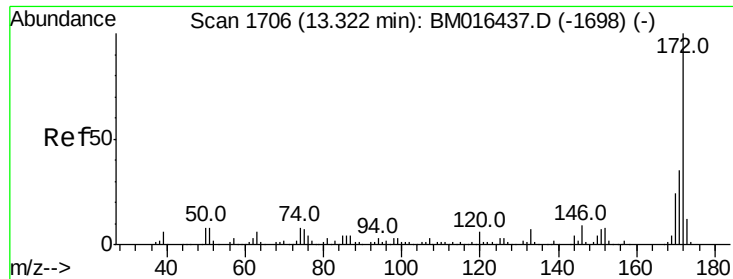


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

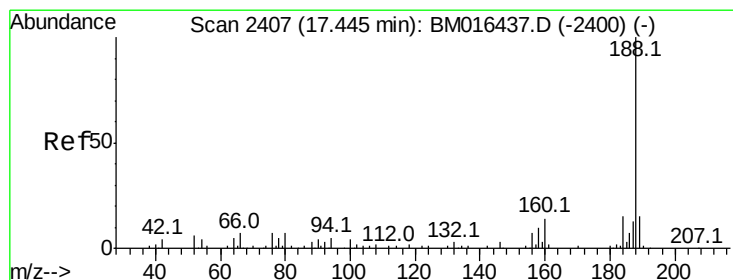
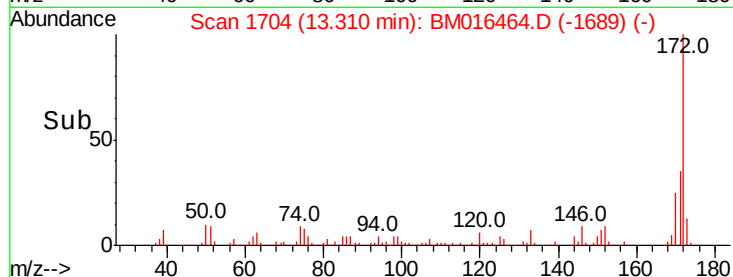
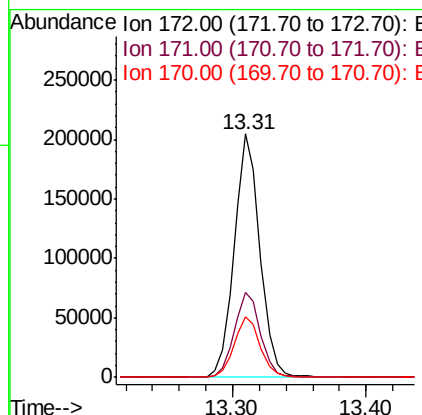
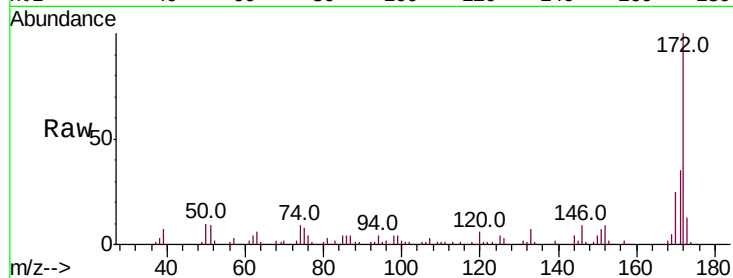




#44
2-Fluorobiphenyl
Concen: N.D. na
RT: 13.31 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM016464.D
Acq: 18 Aug 2018 09:13

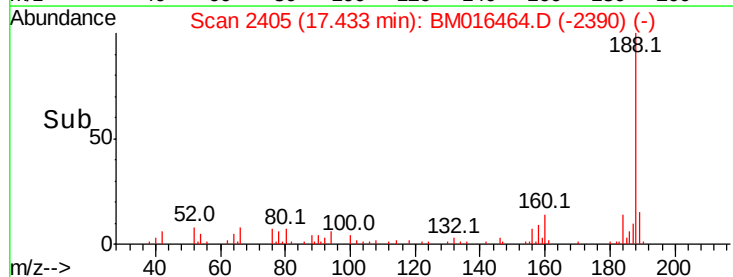
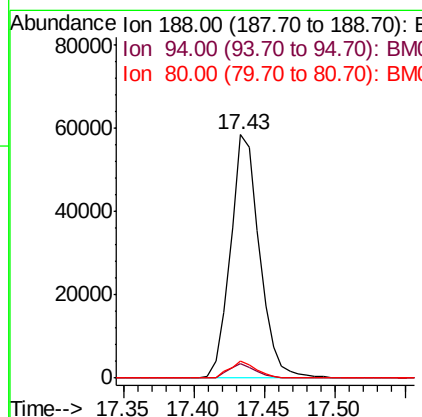
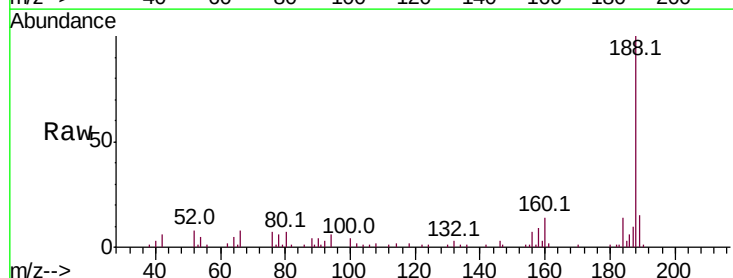
Instrument :
BNA_M
ClientSampled :

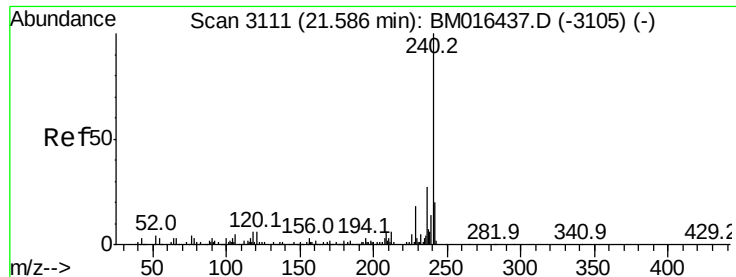
Tot Ion:172 Resp: 274437
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 24.8 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM016464.D
Acq: 18 Aug 2018 09:13

Tgt Ion:188 Resp: 83739
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 6.8 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: BM016464.D

Acq: 18 Aug 2018 09:13

Instrument :

BNA_M

ClientSampleId :

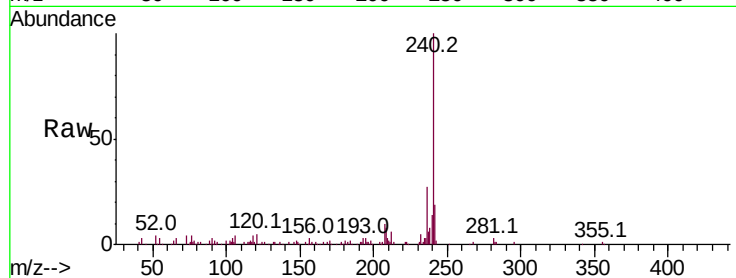
Tot Ion:240 Resp: 122491

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

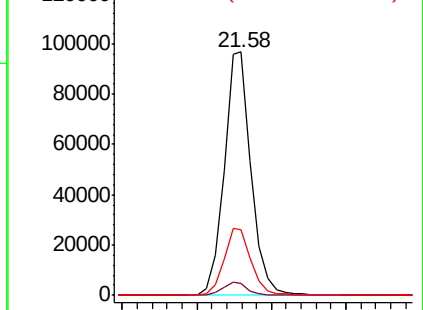
236 27.2 20.0 30.0



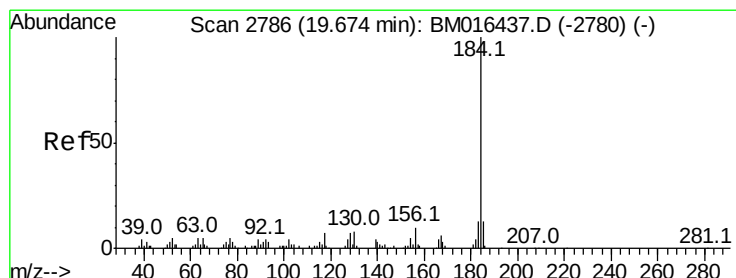
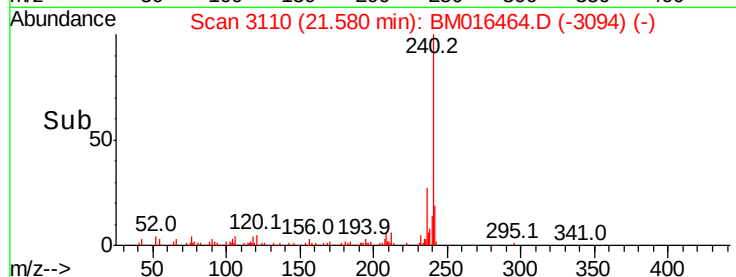
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.55 21.60 21.65



#76

Benzidine

Concen: 5.297 ng

RT: 19.67 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM016464.D

Acq: 18 Aug 2018 09:13

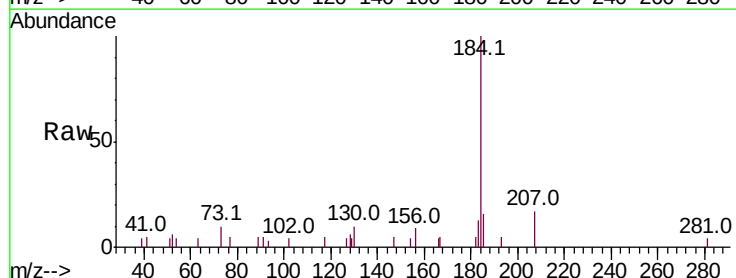
Tgt Ion:184 Resp: 14279

Ion Ratio Lower Upper

184 100

185 16.0 11.3 16.9

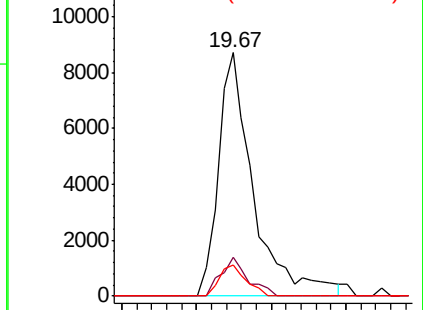
183 12.9 8.9 13.3



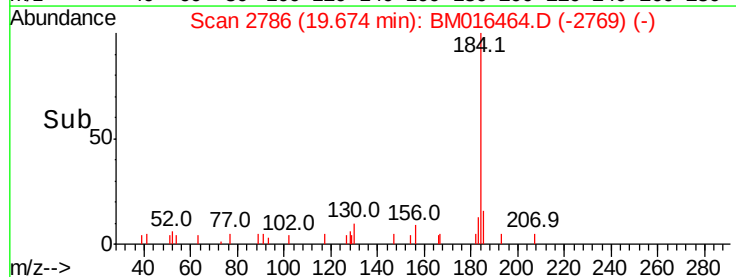
Abundance Ion 184.00 (183.70 to 184.70): E

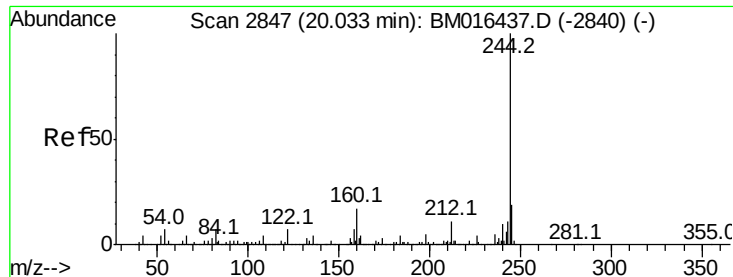
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.60 19.65 19.70 19.75

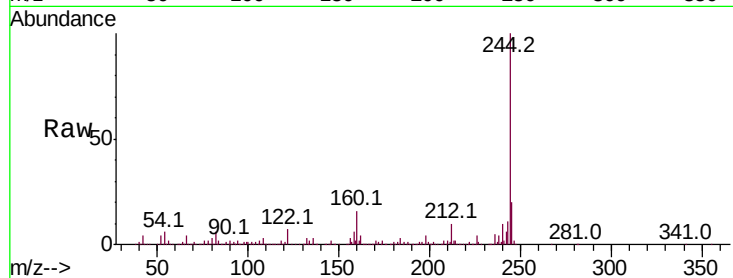




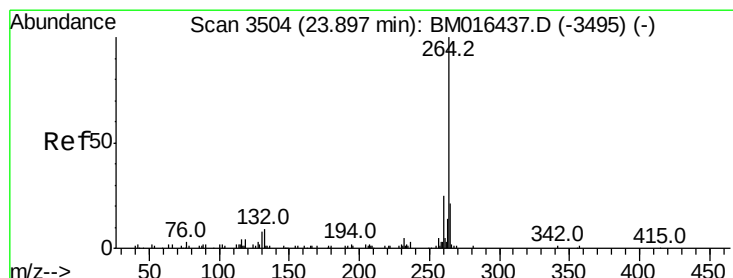
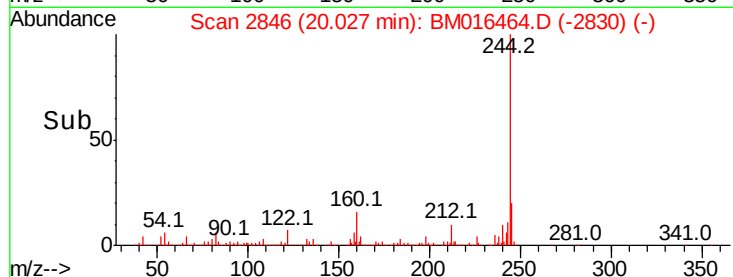
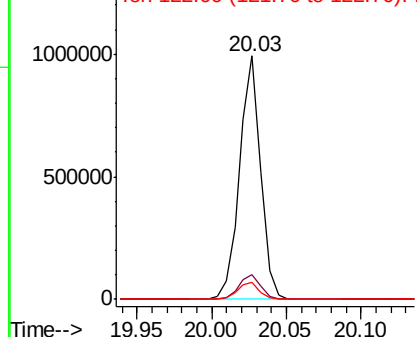
#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.03 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BM016464.D
 Acq: 18 Aug 2018 09:13

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 975354
 Ion Ratio Lower Upper
 244 100
 212 10.2 4.9 7.3#
 122 6.9 6.2 9.4

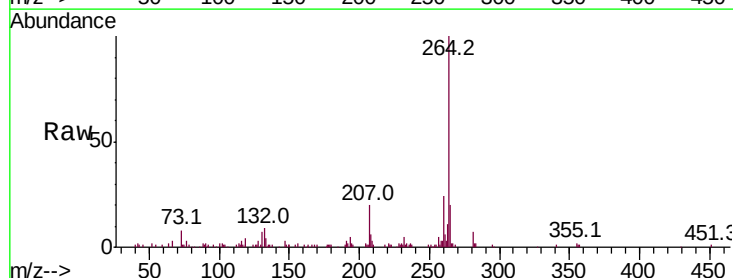


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.88 min Scan# 3501
 Delta R.T. -0.02 min
 Lab File: BM016464.D
 Acq: 18 Aug 2018 09:13

Tgt Ion:264 Resp: 140666
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 19.6 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

