

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082318\
 Data File : BM016567.D
 Acq On : 24 Aug 2018 00:22
 Operator : SJ/JU
 Sample : J4610-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 24 03:59:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

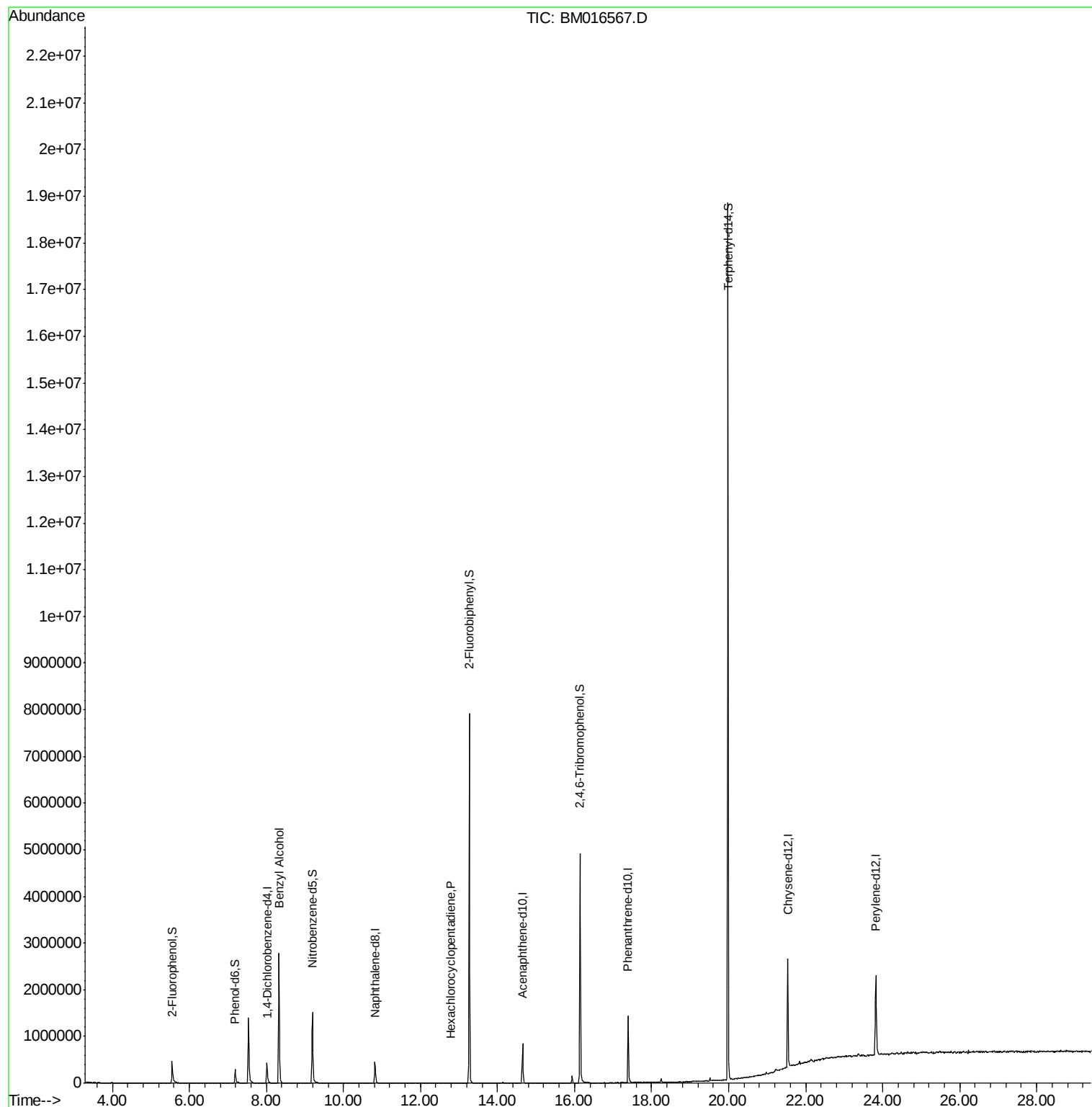
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	98236	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	316398	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	246050	20.00	ng	-0.02
63) Phenanthrene-d10	17.39	188	819506	20.00	ng	-0.01
75) Chrysene-d12	21.54	240	1157073	20.00	ng	0.00
86) Perylene-d12	23.82	264	1348419	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	189998	37.90	ng	0.00
7) Phenol-d6	7.19	99	141270	21.30	ng	-0.01
23) Nitrobenzene-d5	9.20	82	884494	127.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.14	330	823451	119.72	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	3271902	127.82	ng	-0.01
78) Terphenyl-d14	19.99	244	7396127	135.29	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.33	79	20664	3.354	ng	# 8
40) Hexachlorocyclopentadiene	12.77	237	173	6.140	ng	# 28

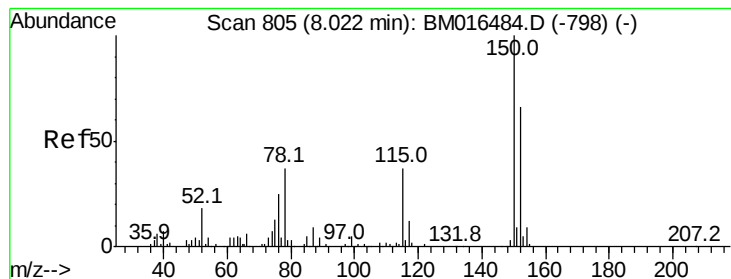
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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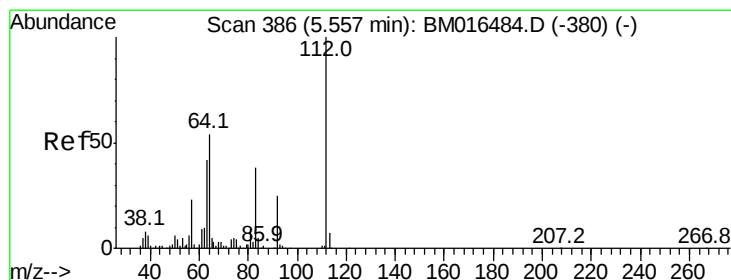
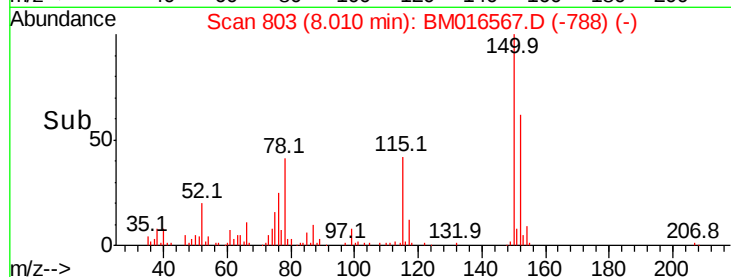
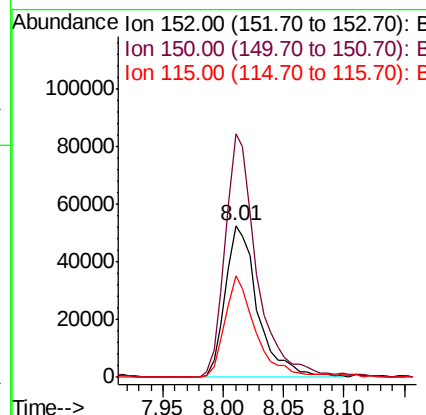
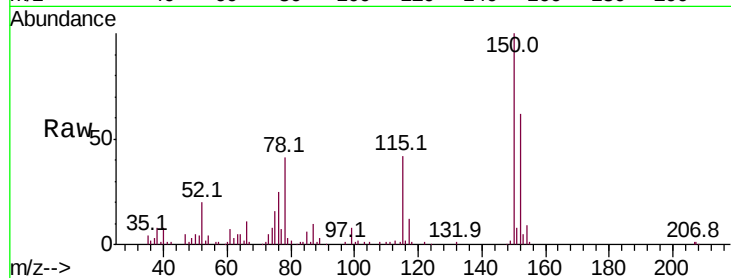


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM016567.D
Acq: 24 Aug 2018 00:22

Instrument :
BNA_M
ClientSampleId :

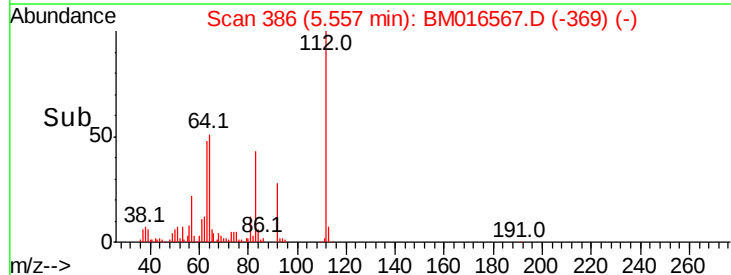
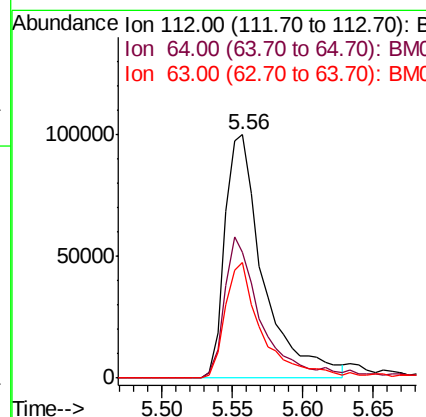
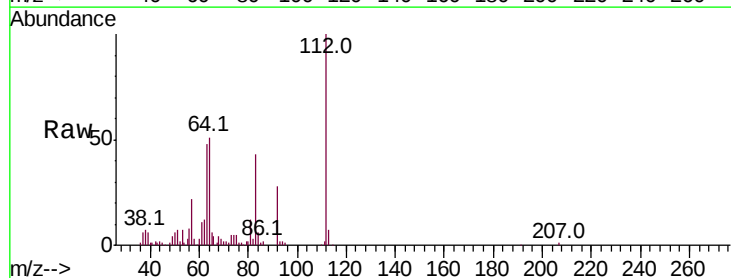
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	119.5	179.3
115	67.0	43.0	64.4

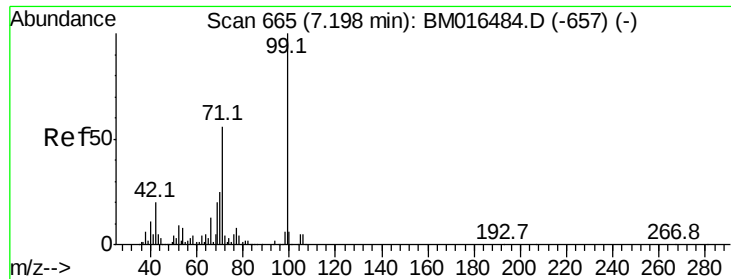


#5

2-Fluorophenol
Concen: 37.900 ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016567.D
Acq: 24 Aug 2018 00:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	38.6	57.8
63	47.7	19.3	28.9





#7

Phenol-d6

Concen: 21.296 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

Instrument :

BNA_M

ClientSampled :

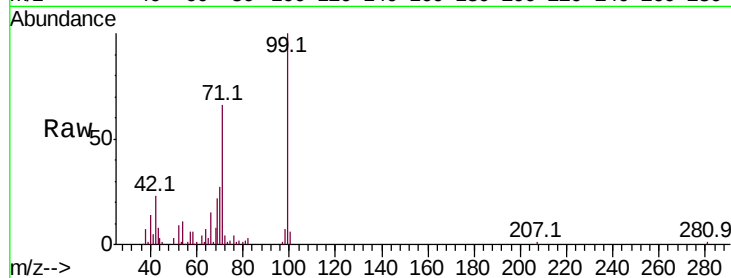
Tot Ion: 99 Resp: 141270

Ion Ratio Lower Upper

99 100

42 23.2 11.0 16.4#

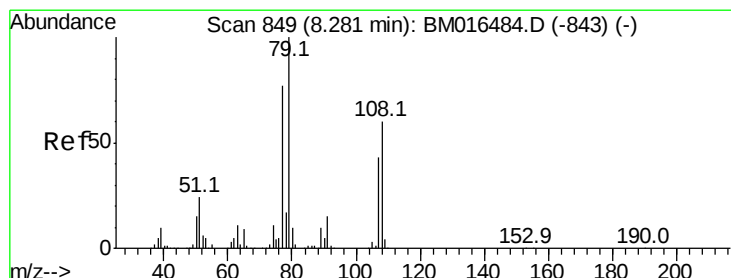
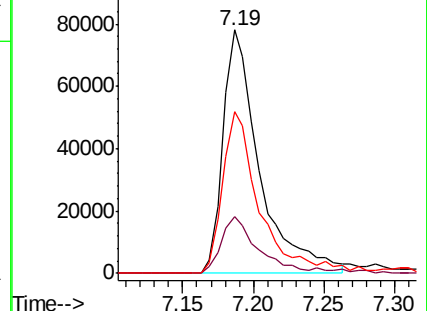
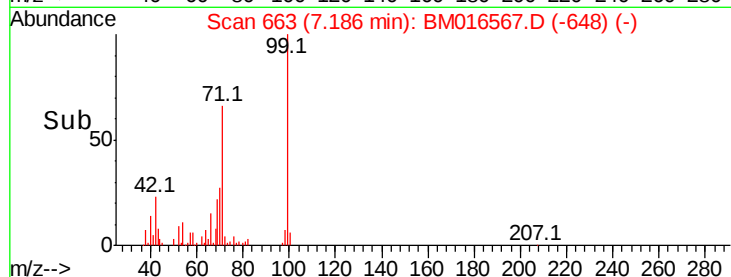
71 66.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#15

Benzyl Alcohol

Concen: 3.354 ng

RT: 8.33 min Scan# 857

Delta R.T. 0.05 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

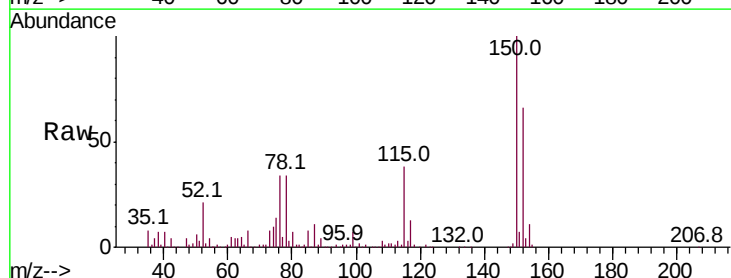
Tgt Ion: 79 Resp: 20664

Ion Ratio Lower Upper

79 100

108 109.1 65.0 97.4#

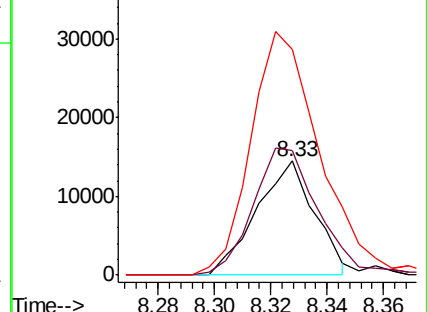
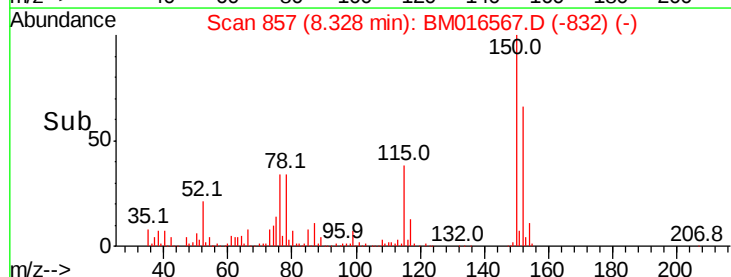
77 198.5 53.0 79.6#

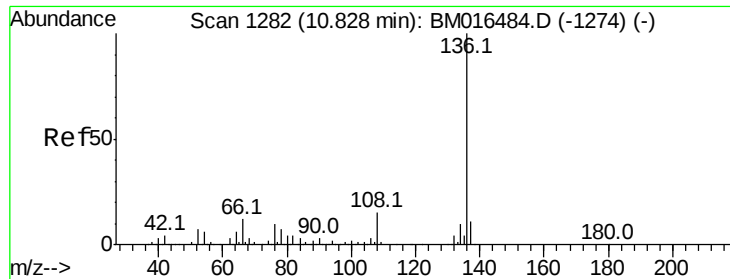


Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)

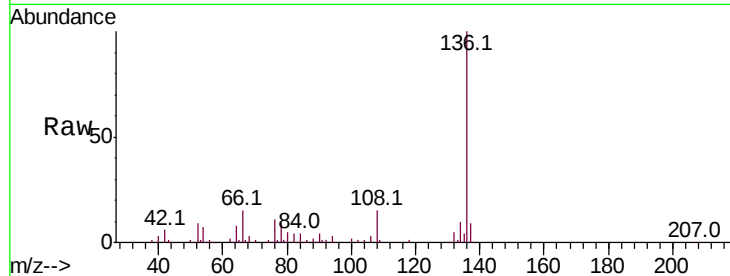




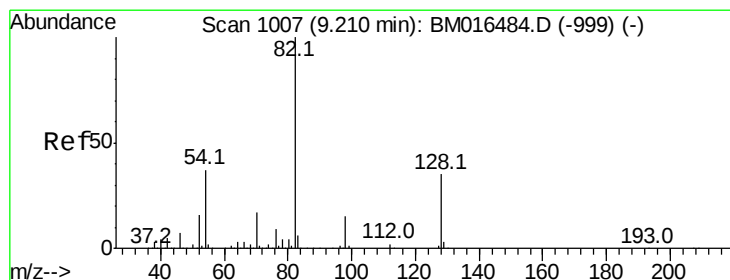
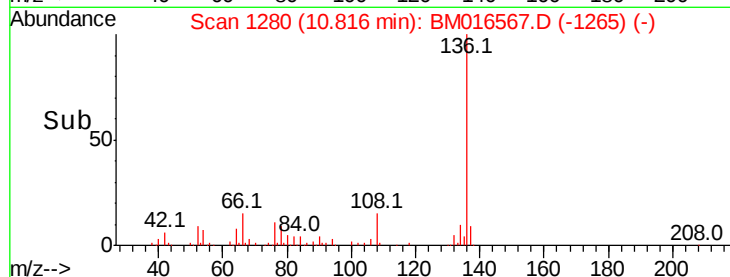
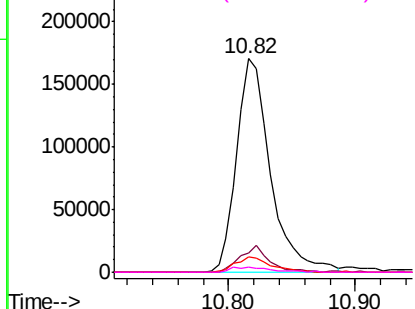
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM016567.D
Acq: 24 Aug 2018 00:22

Instrument :
BNA_M
ClientSampled :

Tot Ion:	136	Resp:	316398
Ion	Ratio	Lower	Upper
136	100		
137	8.7	8.7	13.1
54	7.2	4.6	6.8#
68	2.5	3.7	5.5#

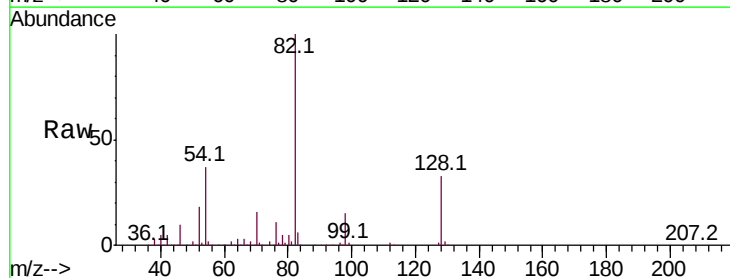


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

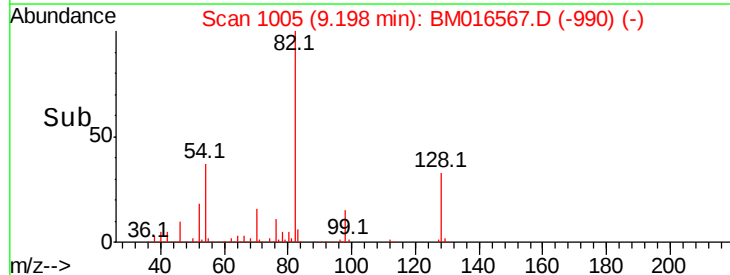
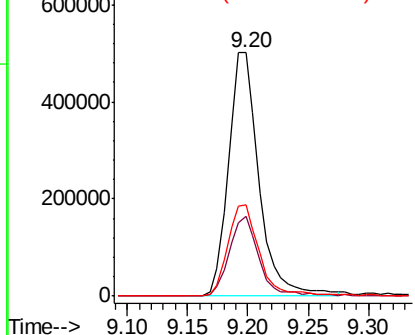


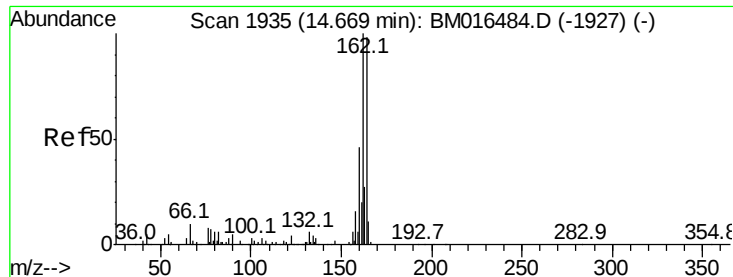
#23
Nitrobenzene-d5
Concen: 127.640 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM016567.D
Acq: 24 Aug 2018 00:22

Tgt Ion:	82	Resp:	884494
Ion	Ratio	Lower	Upper
82	100		
128	32.8	32.8	49.2#
54	37.4	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: 14.65 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

Instrument :

BNA_M

ClientSampleId :

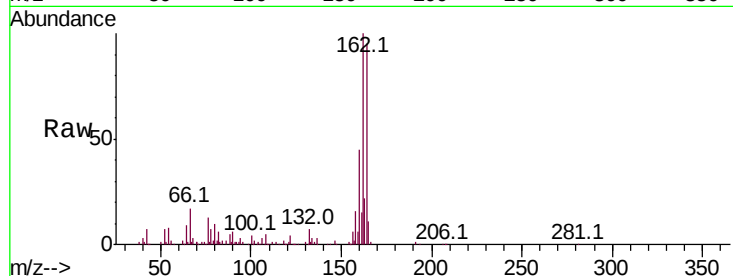
Tot Ion:164 Resp: 246050

Ion Ratio Lower Upper

164 100

162 104.8 82.4 123.6

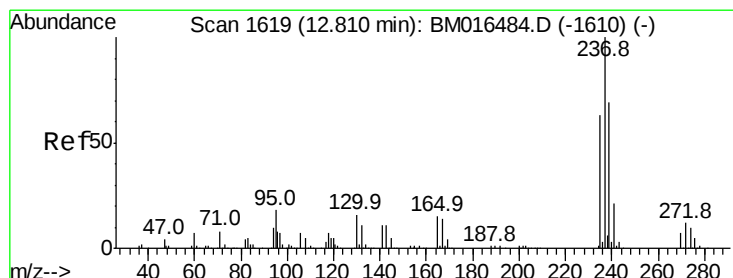
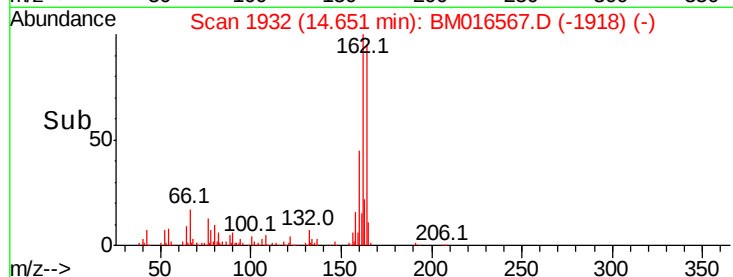
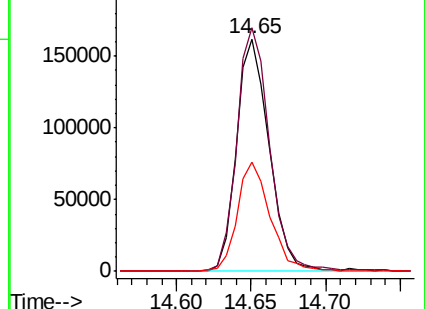
160 47.1 35.8 53.6



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



#40

Hexachlorocyclopentadiene

Concen: 6.140 ng

RT: 12.77 min Scan# 1613

Delta R.T. -0.03 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

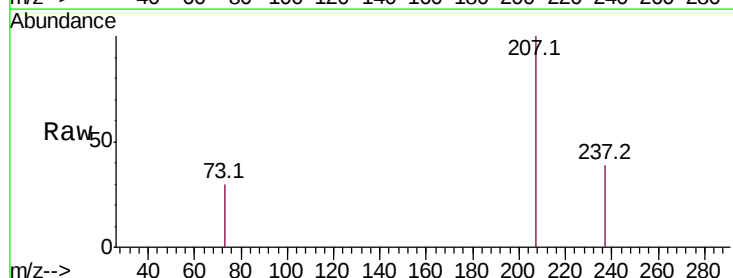
Tgt Ion:237 Resp: 173

Ion Ratio Lower Upper

237 100

235 0.0 42.0 82.0#

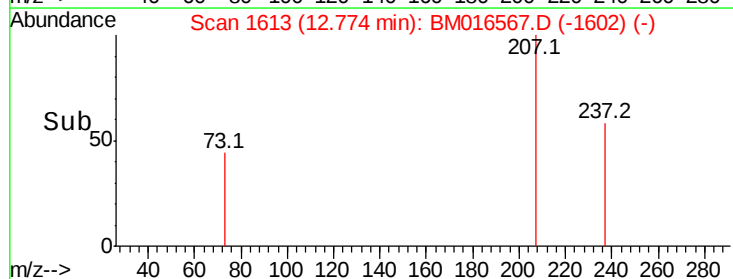
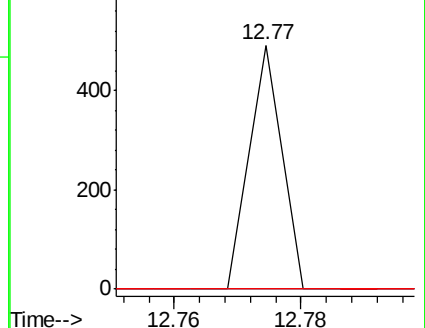
272 0.0 0.0 33.4

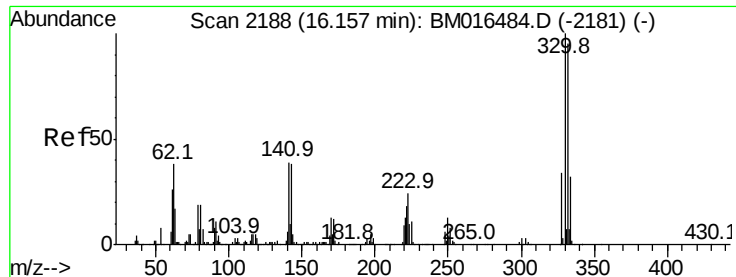


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

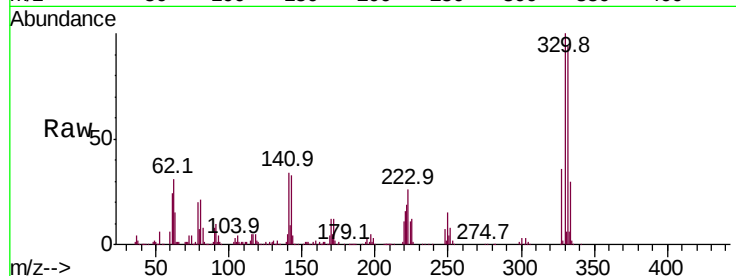




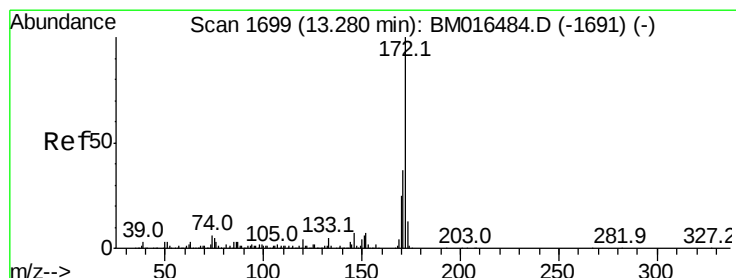
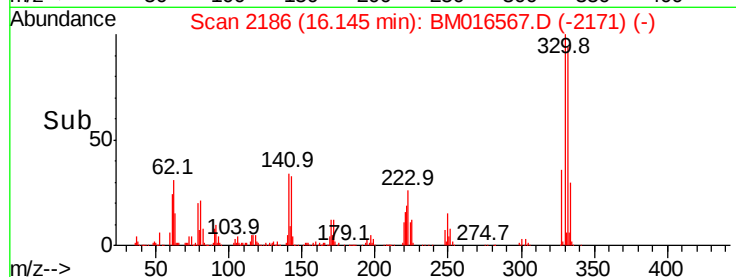
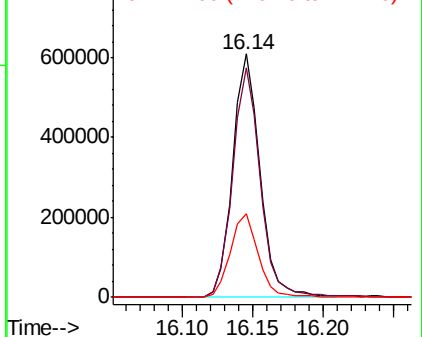
#41
 2,4,6-Tribromophenol
 Concen: 119.720 ng
 RT: 16.14 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BM016567.D
 Acq: 24 Aug 2018 00:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	35.5	0.0	0.0#

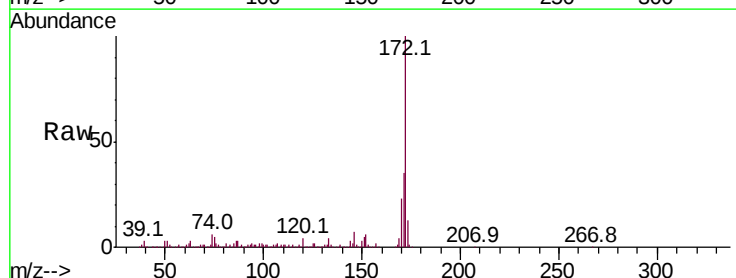


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

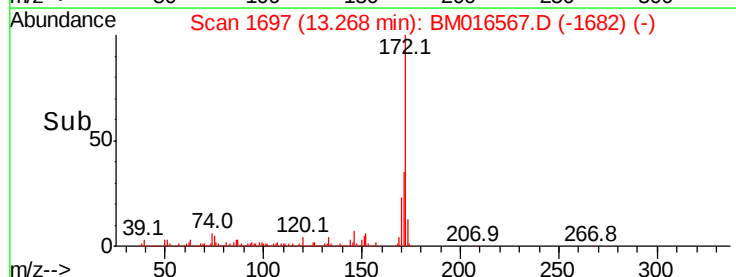
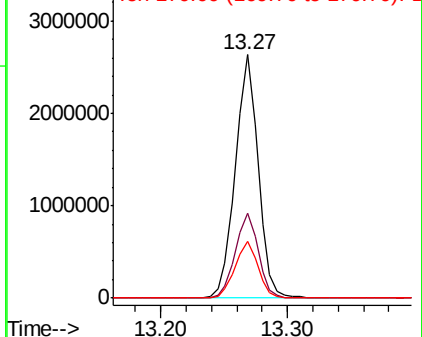


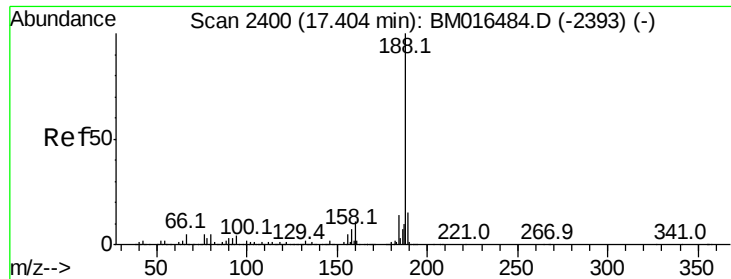
#44
 2-Fluorobiphenyl
 Concen: 127.821 ng
 RT: 13.27 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BM016567.D
 Acq: 24 Aug 2018 00:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.3	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

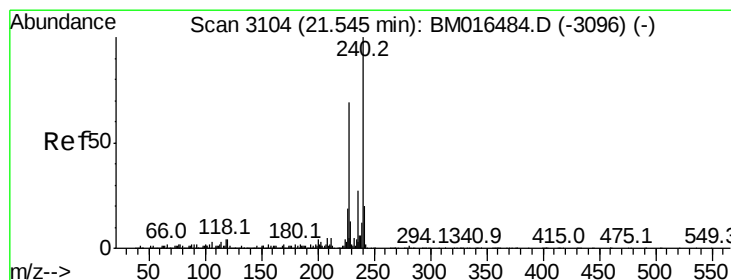
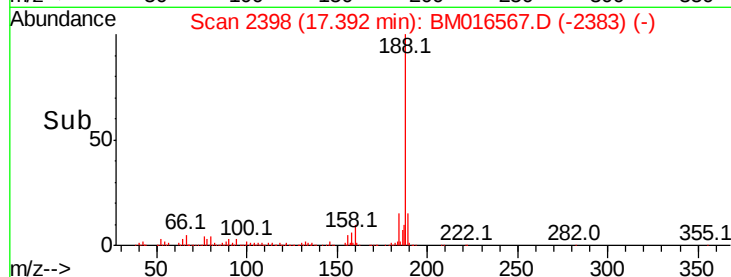
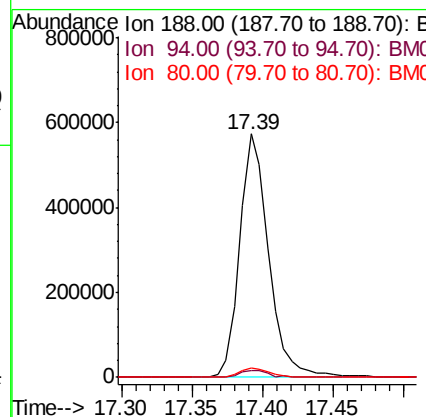
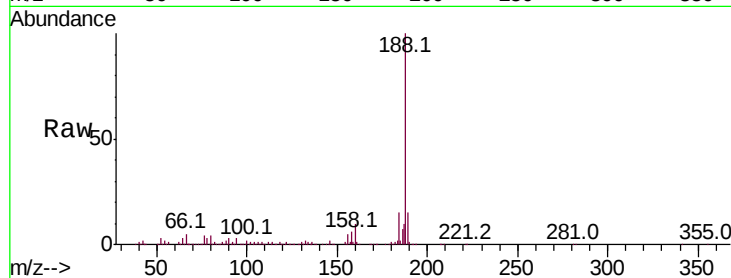




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM016567.D
Acq: 24 Aug 2018 00:22

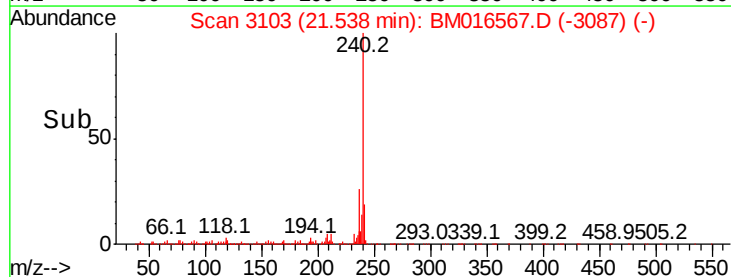
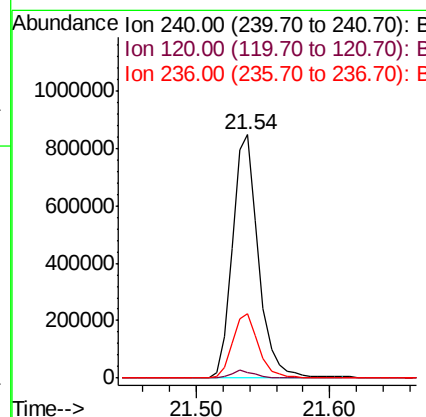
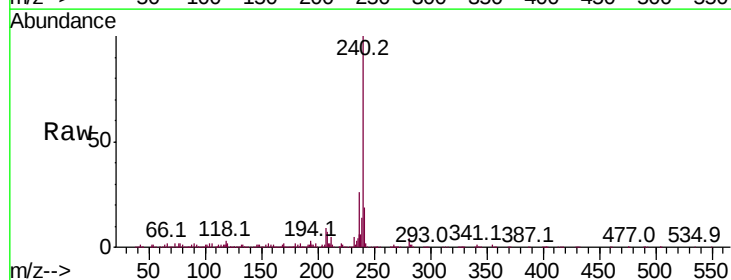
Instrument :
BNA_M
ClientSampleId :

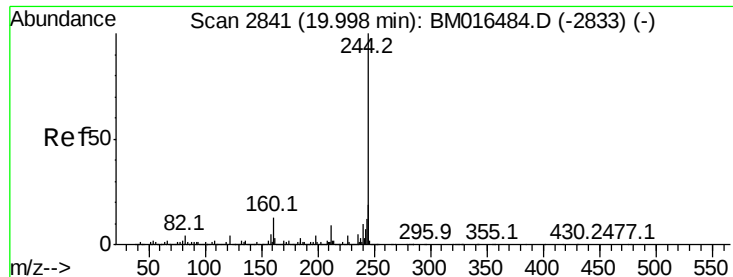
Tot Ion:188 Resp: 819506
Ion Ratio Lower Upper
188 100
94 2.8 8.7 13.1#
80 4.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016567.D
Acq: 24 Aug 2018 00:22

Tgt Ion:240 Resp: 1157073
Ion Ratio Lower Upper
240 100
120 2.5 8.2 12.2#
236 26.2 20.0 30.0





#78

Terphenyl-d14

Concen: 135.293 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

Instrument :

BNA_M

ClientSampleId :

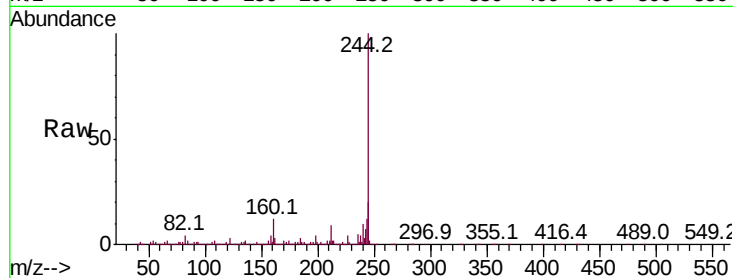
Tot Ion:244 Resp: 7396127

Ion	Ratio	Lower	Upper
244	100		
212	9.1	4.9	7.3#
122	3.1	6.2	9.4#

244 100

212 9.1 4.9 7.3#

122 3.1 6.2 9.4#

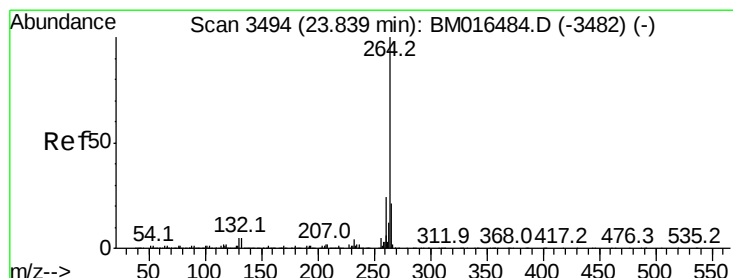
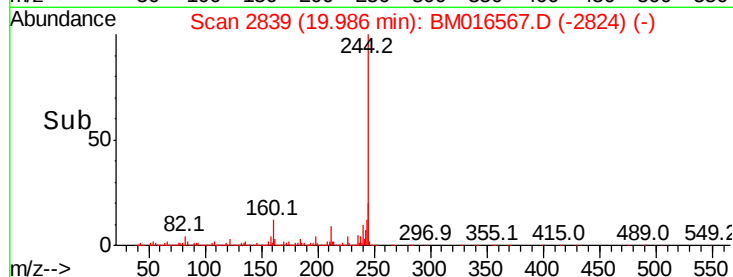
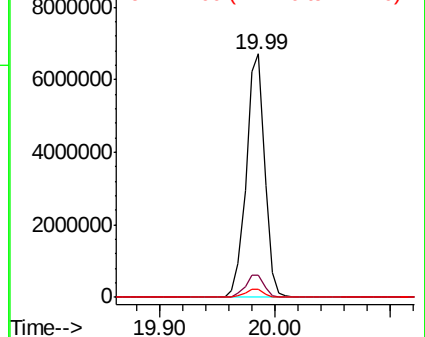


Abundance

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: 23.82 min Scan# 3491

Delta R.T. -0.02 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

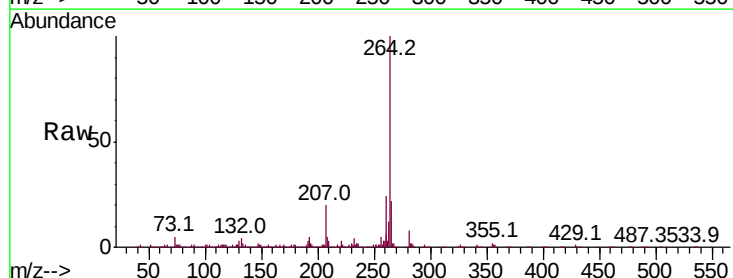
Tgt Ion:264 Resp: 1348419

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.6	17.3	25.9

264 100

260 23.8 18.6 27.8

265 21.6 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

