

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018546.D
 Acq On : 11 Jan 2019 22:09
 Operator : JU/SJ
 Sample : K1123-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPGP-02

Quant Time: Jan 12 00:14:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

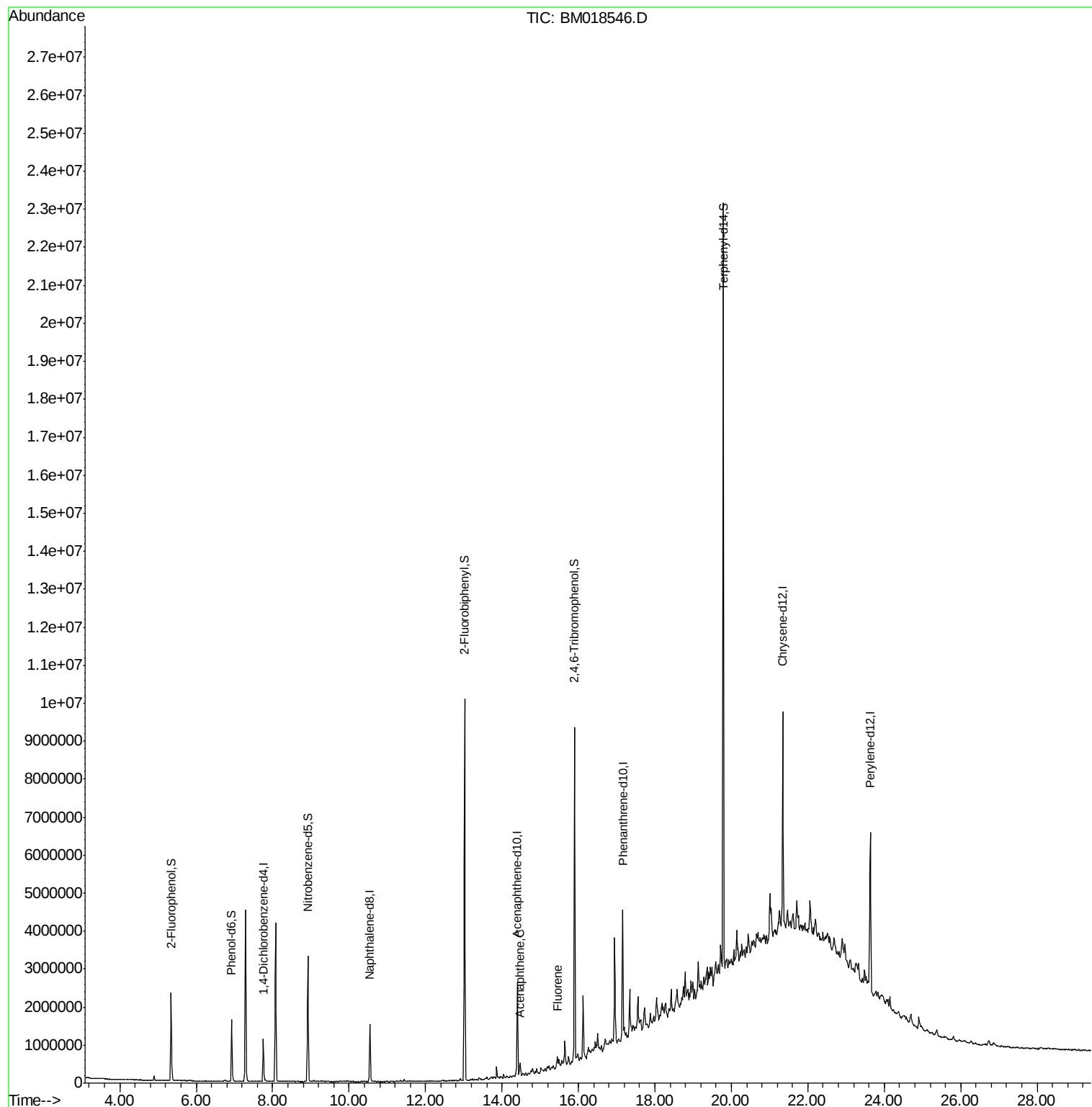
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	299459	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1291681	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	800332	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1922387	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2507731	20.00	ng	0.00
87) Perylene-d12	23.63	264	3045151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1045280	64.45	ng	0.00
7) Phenol-d6	6.93	99	878594	42.65	ng	0.00
23) Nitrobenzene-d5	8.92	82	1811055	81.28	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1495716	146.78	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	4965499	80.96	ng	0.00
79) Terphenyl-d14	19.79	244	8929311	75.06	ng	0.00
Target Compounds						
52) Acenaphthene	14.47	154	110552	2.288	ng	Qvalue 97
58) Fluorene	15.46	166	126055	2.120	ng	# 94

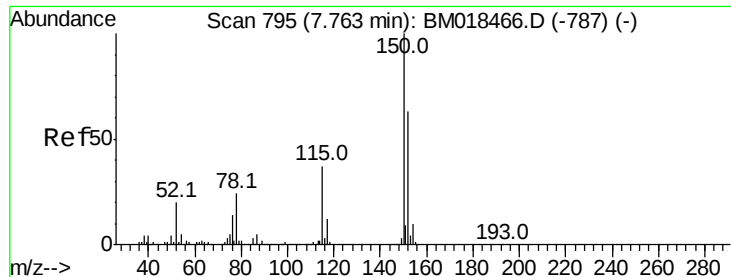
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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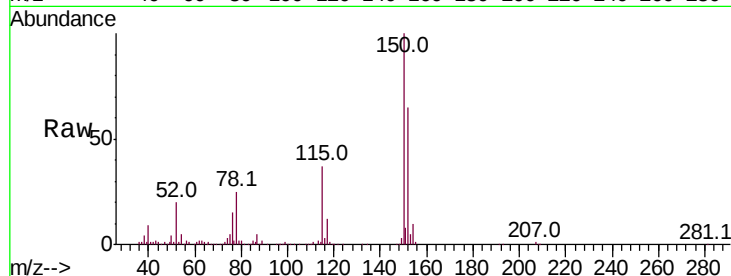


#1

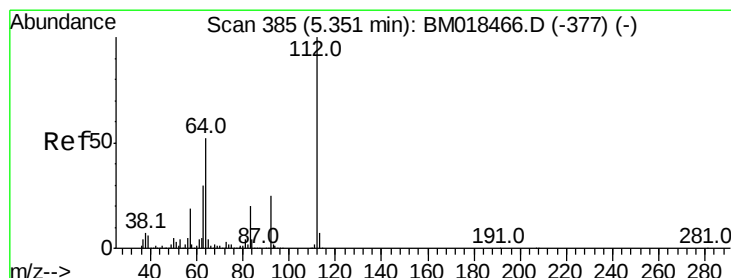
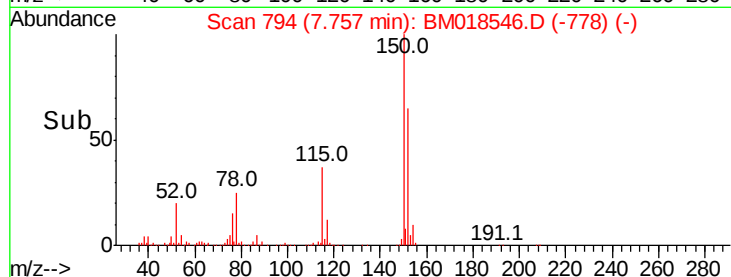
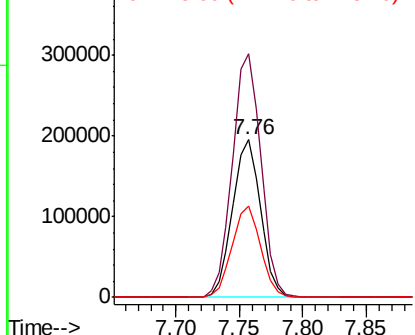
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018546.D
Acq: 11 Jan 2019 22:09

Instrument :
BNA_M
ClientSampleId :
CPGP-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.9	190.3
115	57.6	45.5	68.3



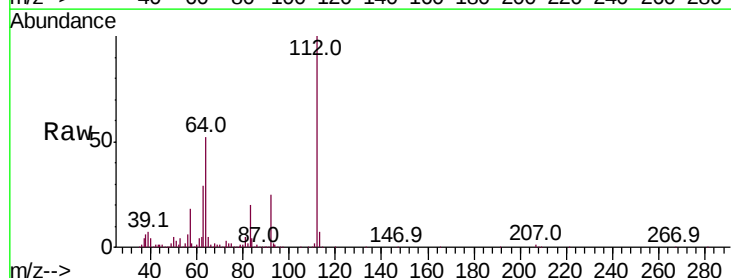
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



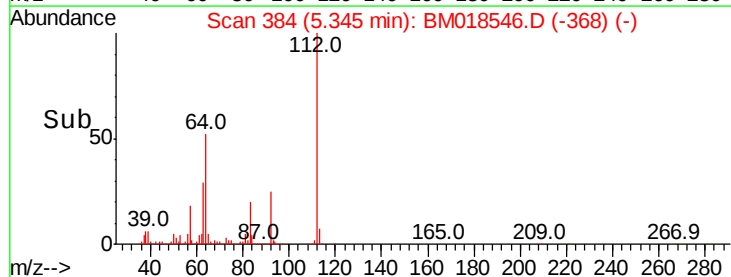
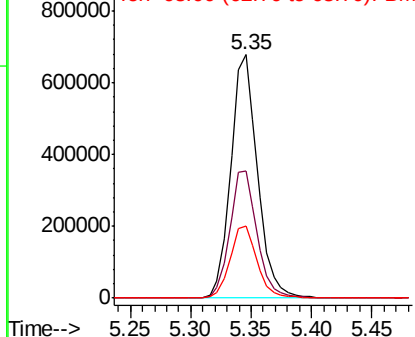
#5

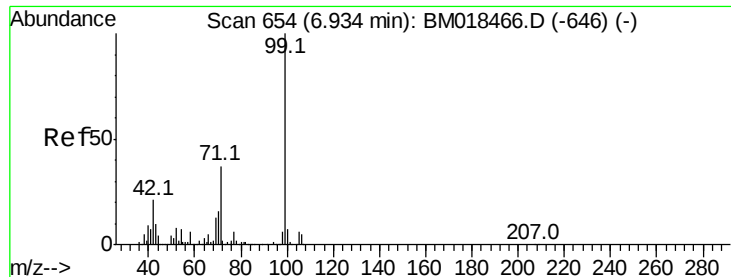
2-Fluorophenol
Concen: 64.453 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018546.D
Acq: 11 Jan 2019 22:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	46.5	69.7
63	29.5	25.2	37.8



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: 42.653 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018546.D

Acq: 11 Jan 2019 22:09

Instrument :

BNA_M

ClientSampleId :

CPGP-02

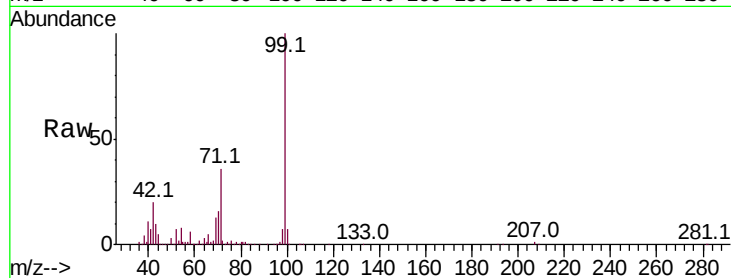
Tot Ion: 99 Resp: 878594

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

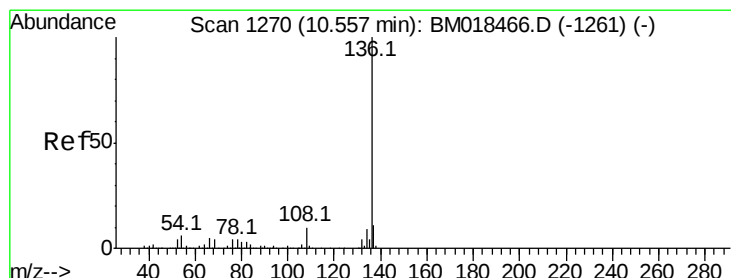
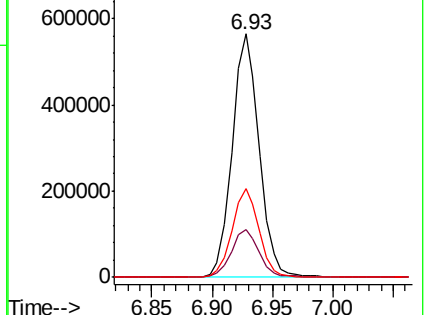
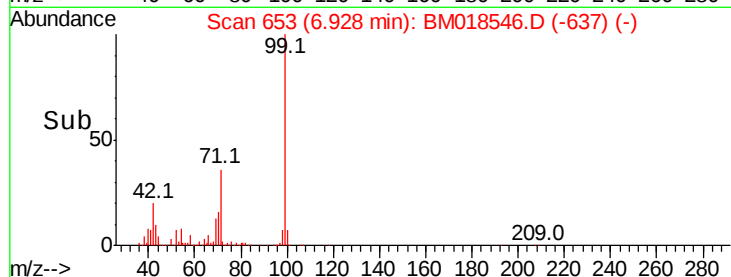
71 36.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018546.D

Acq: 11 Jan 2019 22:09

Tgt Ion: 136 Resp: 1291681

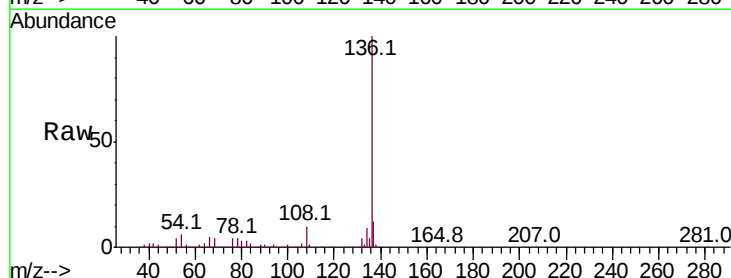
Ion Ratio Lower Upper

136 100

137 11.7 8.5 12.7

54 6.3 6.0 9.0

68 4.3 4.5 6.7#

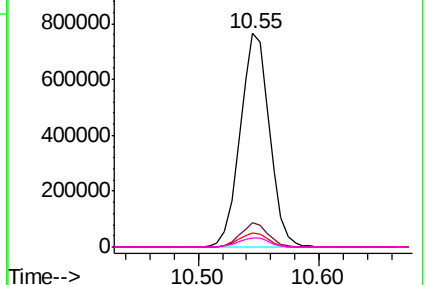
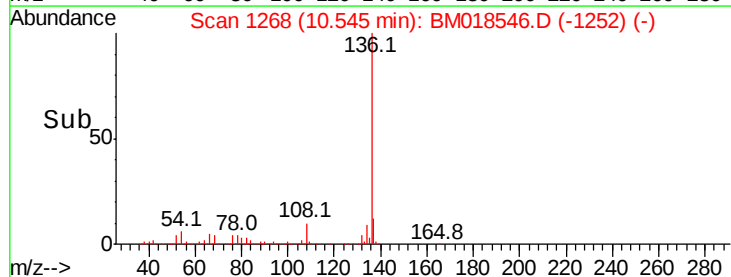


Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)





#23

Nitrobenzene-d5

Concen: 81.281 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM018546.D

Acq: 11 Jan 2019 22:09

Instrument :

BNA_M

ClientSampled :

CPGP-02

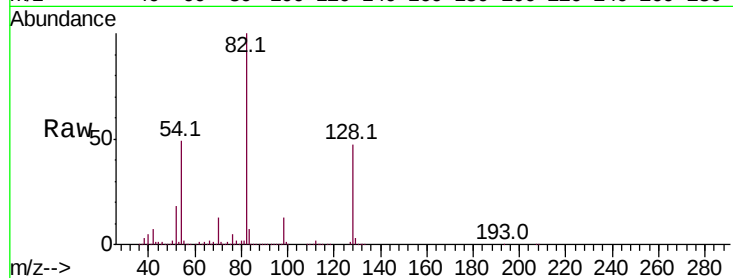
Tot Ion: 82 Resp: 1811055

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

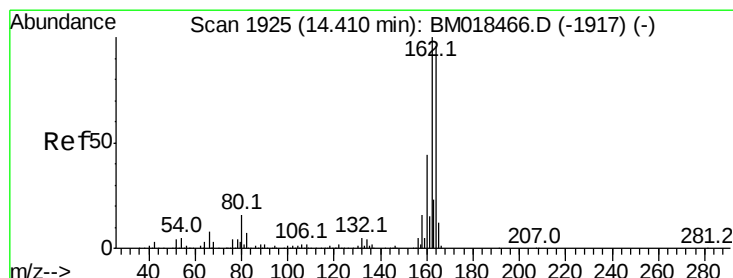
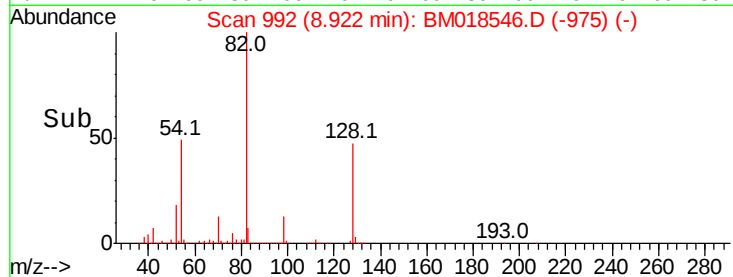
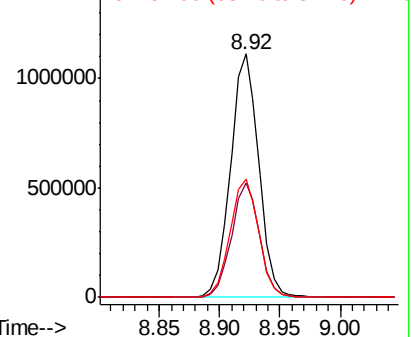
54 48.6 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)

1500000 Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM018546.D

Acq: 11 Jan 2019 22:09

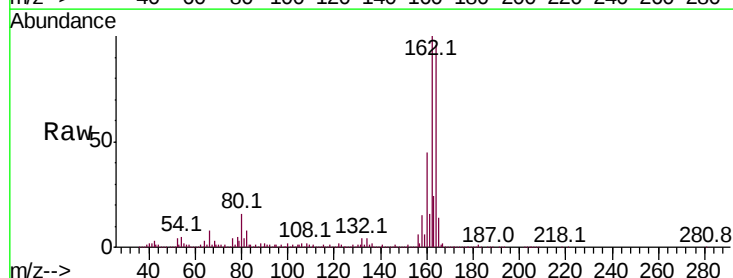
Tgt Ion: 164 Resp: 800332

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

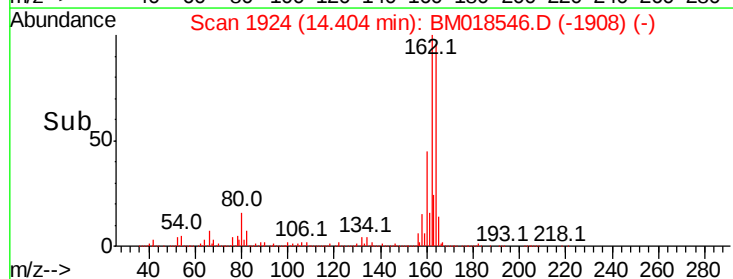
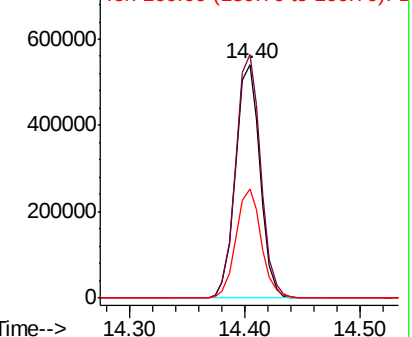
160 46.7 37.1 55.7

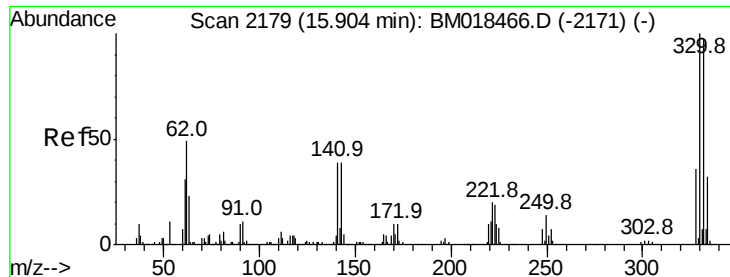


Abundance Ion 164.00 (163.70 to 164.70): BM018466.D (-1917) (-)

Ion 162.00 (161.70 to 162.70): BM018466.D (-1917) (-)

Ion 160.00 (159.70 to 160.70): BM018466.D (-1917) (-)

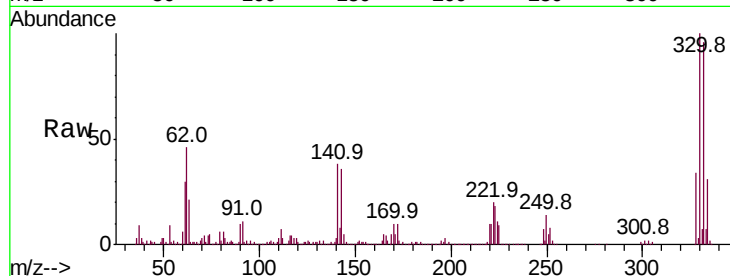




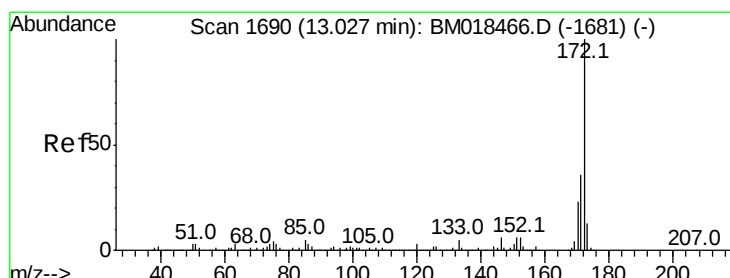
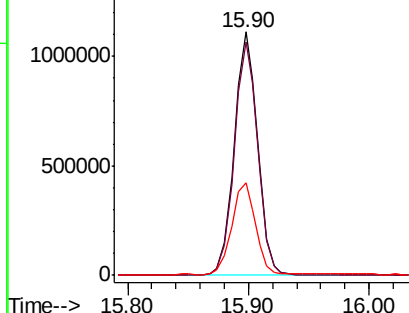
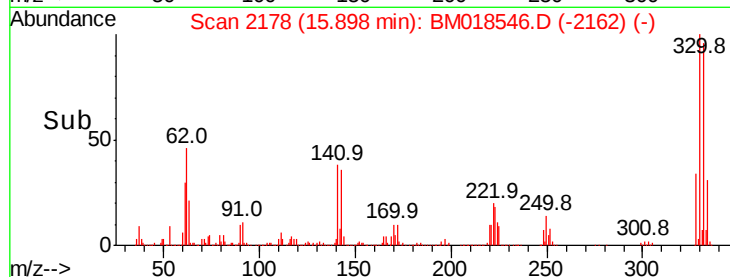
#42
 2,4,6-Tribromophenol
 Concen: 146.776 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018546.D
 Acq: 11 Jan 2019 22:09

Instrument :
 BNA_M
 ClientSampled :
 CPGP-02

Tot Ion:330 Resp: 1495716
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.6 116.4
 141 38.1 31.7 47.5

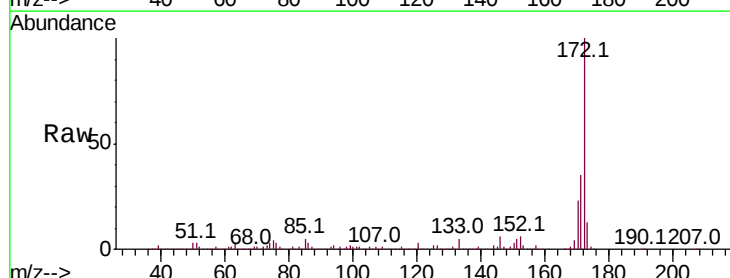


Abundance Ion 329.80 (329.50 to 330.50): E
 1500000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

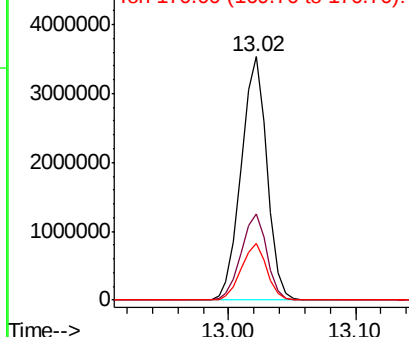
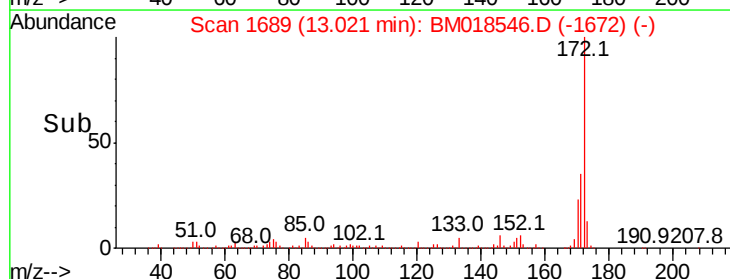


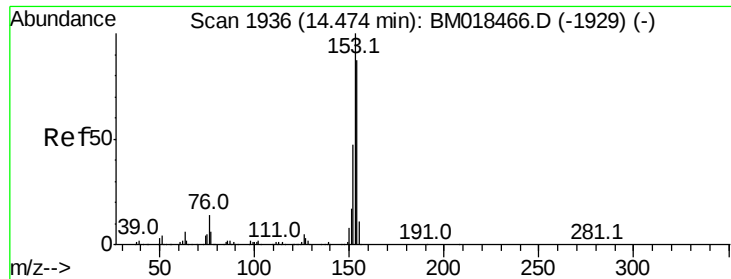
#45
 2-Fluorobiphenyl
 Concen: 80.958 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM018546.D
 Acq: 11 Jan 2019 22:09

Tgt Ion:172 Resp: 4965499
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.4
 170 23.0 18.9 28.3



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





#52

Acenaphthene

Concen: 2.288 ng

RT: 14.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BM018546.D

Acq: 11 Jan 2019 22:09

Instrument :

BNA_M

ClientSampleId :

CPGP-02

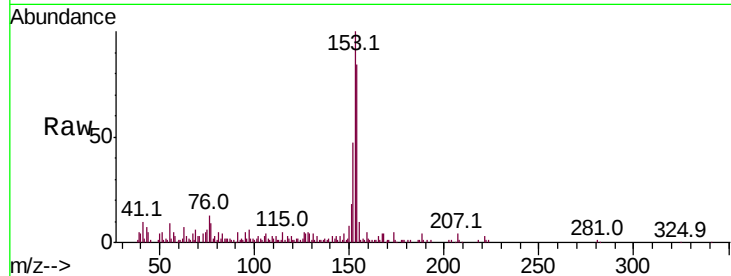
Tot Ion:154 Resp: 110552

Ion Ratio Lower Upper

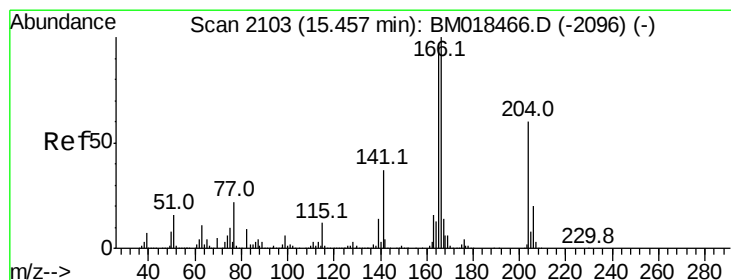
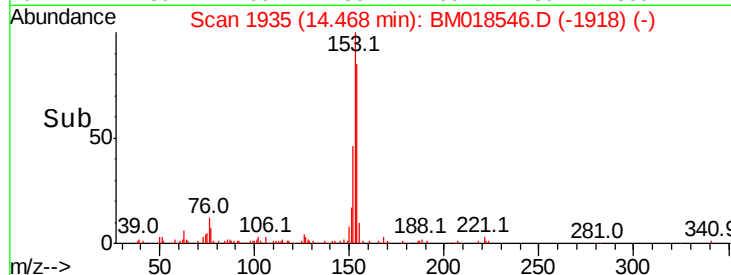
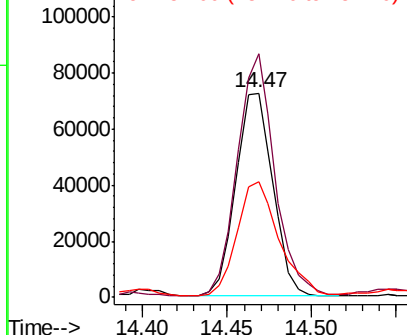
154 100

153 119.0 92.3 138.5

152 56.5 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 2.120 ng

RT: 15.46 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BM018546.D

Acq: 11 Jan 2019 22:09

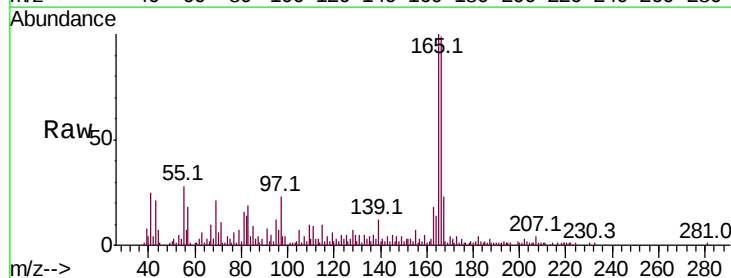
Tgt Ion:166 Resp: 126055

Ion Ratio Lower Upper

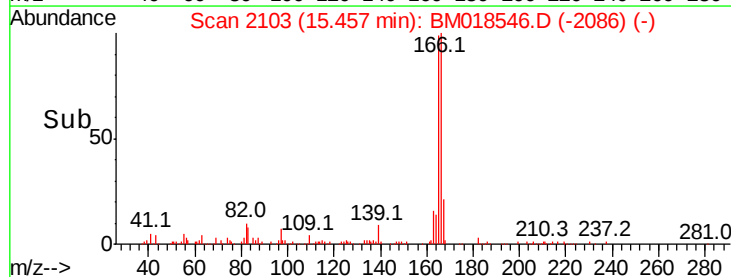
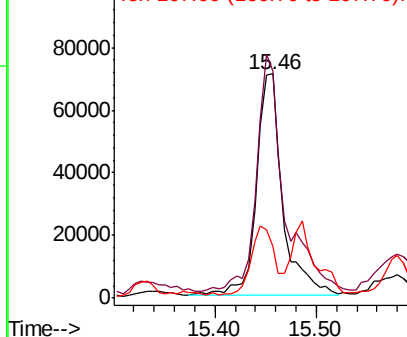
166 100

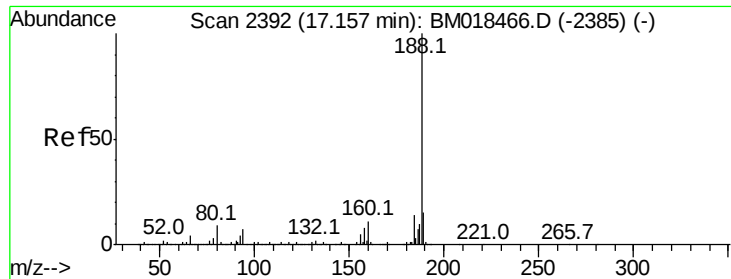
165 101.4 78.3 117.5

167 22.8 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

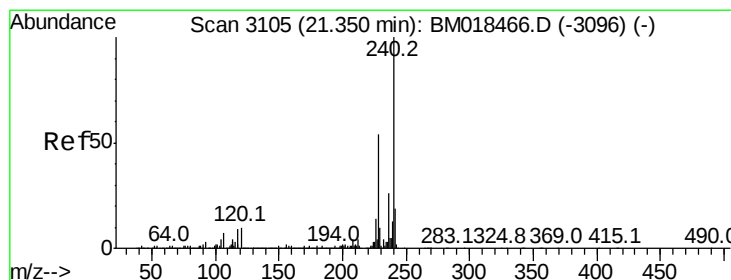
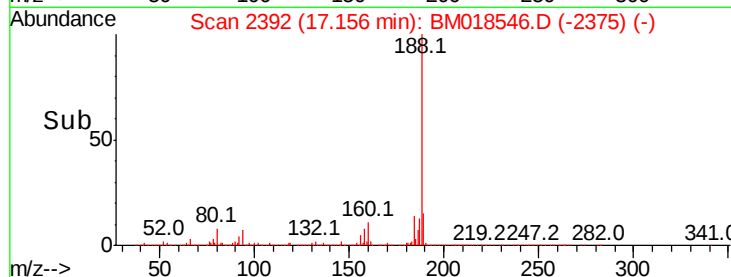
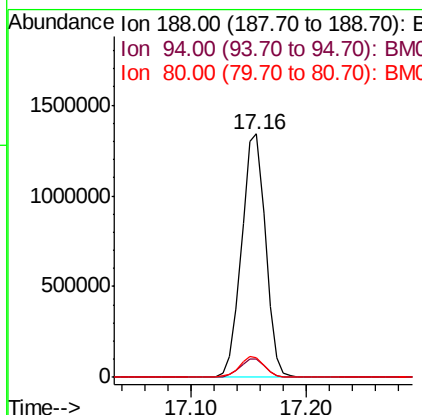
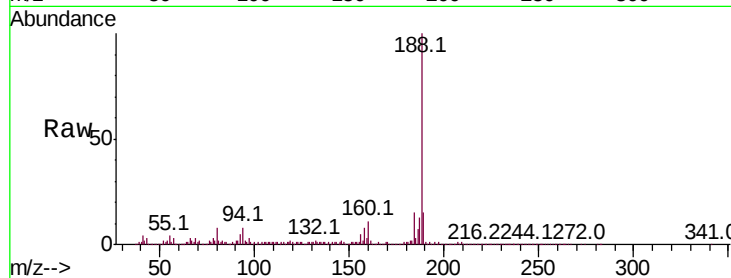




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018546.D
Acq: 11 Jan 2019 22:09

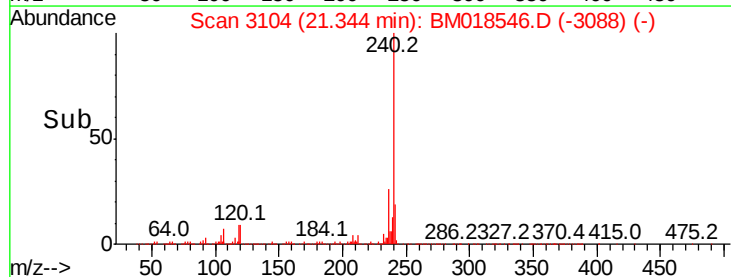
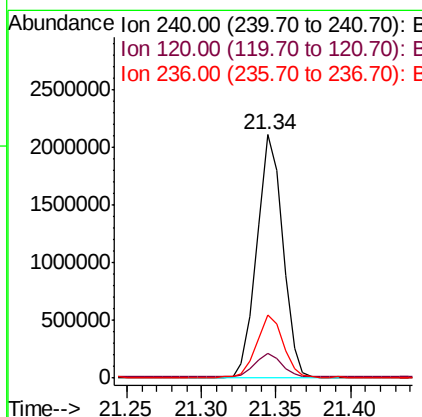
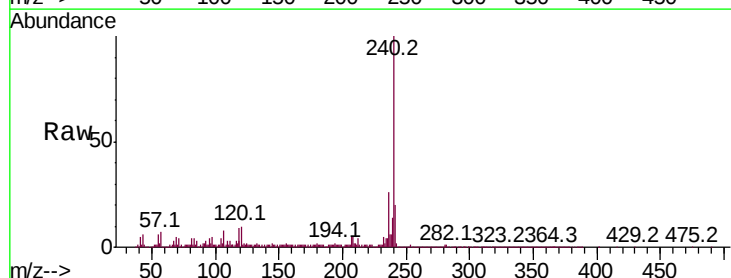
Instrument :
BNA_M
ClientSampleId :
CPGP-02

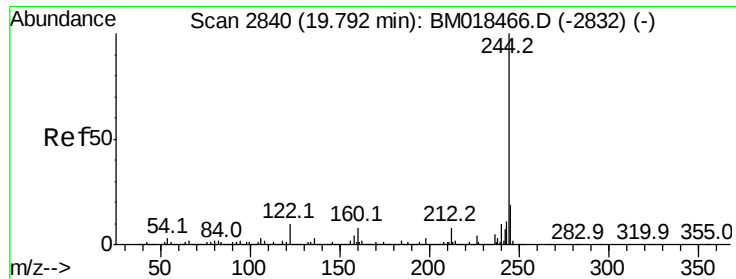
Tot Ion:188 Resp: 1922387
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM018546.D
Acq: 11 Jan 2019 22:09

Tgt Ion:240 Resp: 2507731
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 75.061 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018546.D

Acq: 11 Jan 2019 22:09

Instrument :

BNA_M

ClientSampleId :

CPGP-02

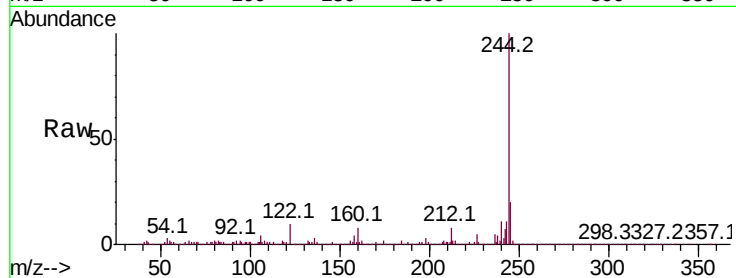
Tot Ion:244 Resp: 8929311

Ion Ratio Lower Upper

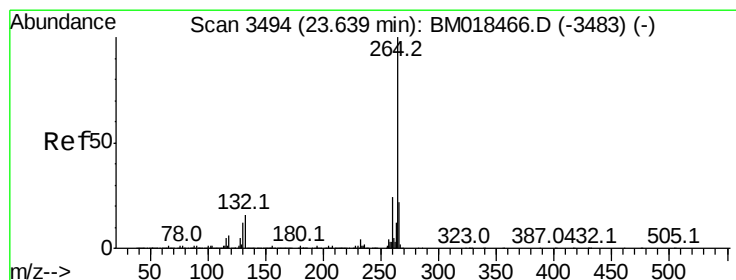
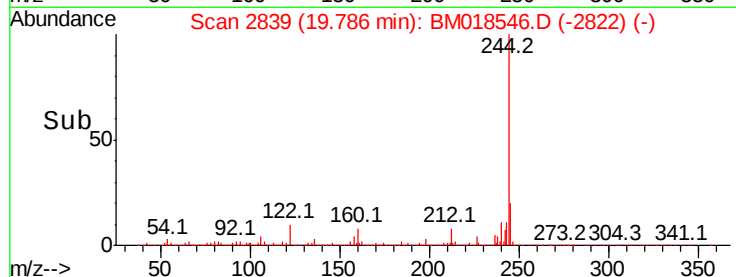
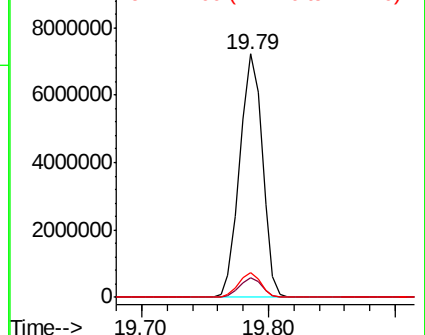
244 100

212 8.0 5.9 8.9

122 10.0 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BM018546.D

Acq: 11 Jan 2019 22:09

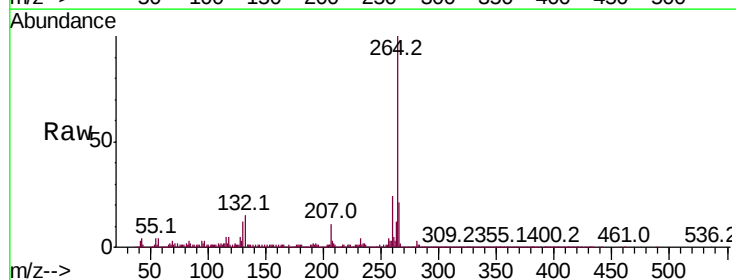
Tgt Ion:264 Resp: 3045151

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.4 16.8 25.2



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

