

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018558.D
 Acq On : 14 Jan 2019 19:11
 Operator : JU/SJ
 Sample : K1131-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DGA-01-011019

Quant Time: Jan 14 23:30:55 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

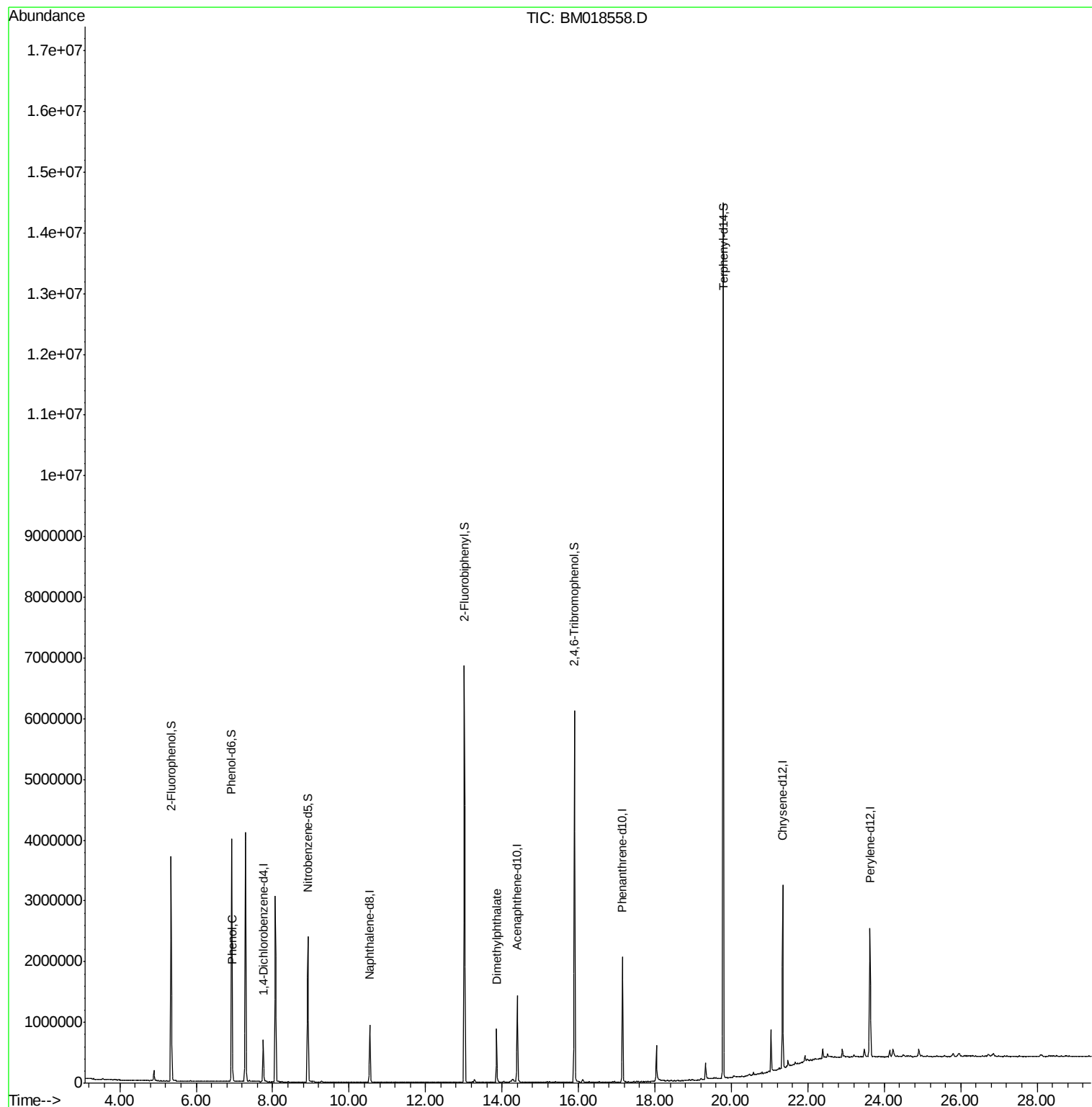
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	188858	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	781470	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	487099	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1171925	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1391385	20.00	ng	0.00
87) Perylene-d12	23.63	264	1523764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1660846	162.38	ng	0.00
7) Phenol-d6	6.93	99	2264850	174.34	ng	0.00
23) Nitrobenzene-d5	8.92	82	1342087	99.56	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1099090	177.21	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3665234	98.19	ng	0.00
79) Terphenyl-d14	19.79	244	6480644	98.19	ng	0.00
Target Compounds						
10) Phenol	6.95	94	32941	2.495	ng	Qvalue # 61
50) Dimethylphthalate	13.86	163	585422	14.634	ng	99

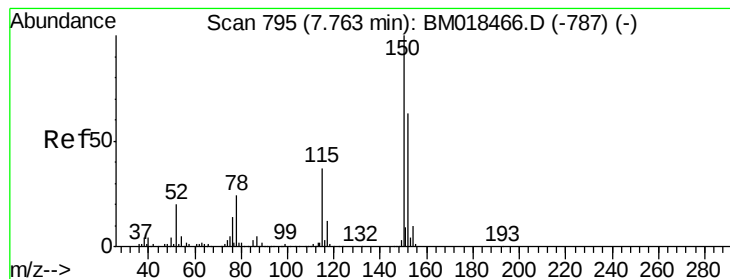
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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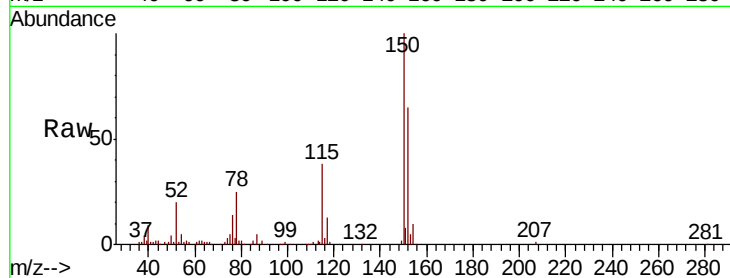


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Instrument :
BNA_M
ClientSampleId :
DGA-01-011019

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.9	190.3
115	59.1	45.5	68.3

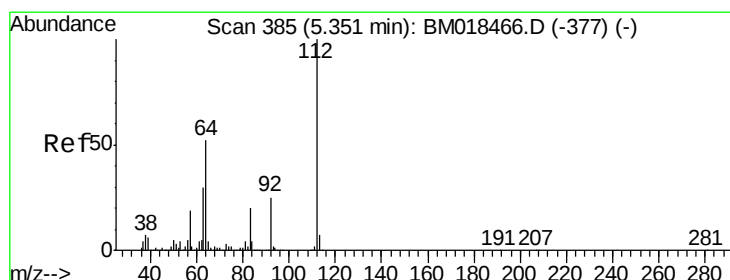
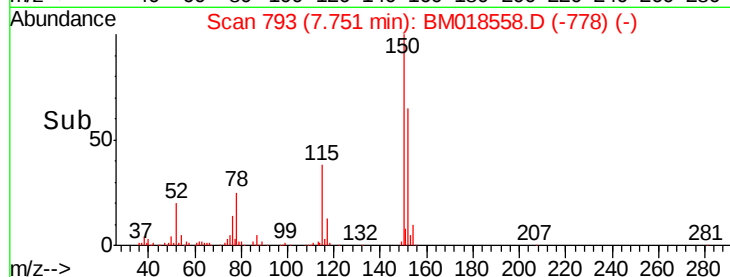
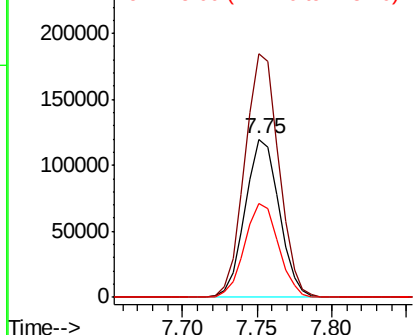


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

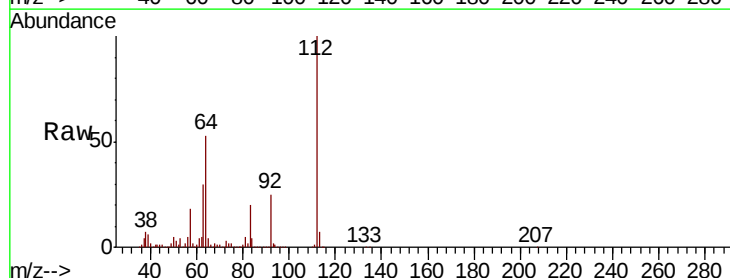
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 162.383 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.5	69.7
63	29.7	25.2	37.8

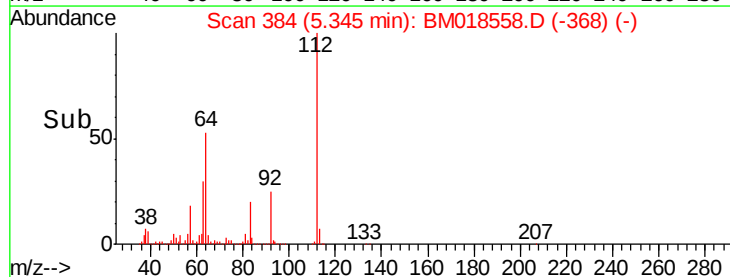
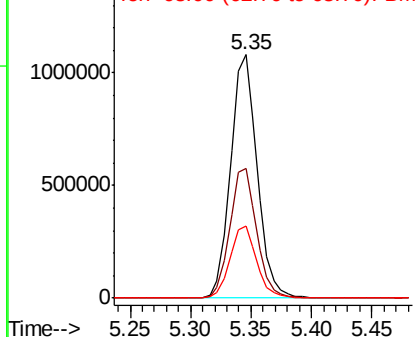


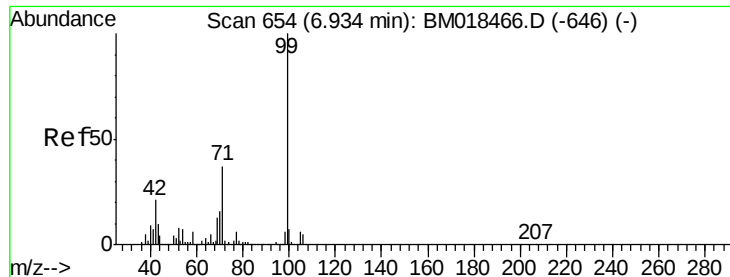
Abundance

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: 174.344 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018558.D

Acq: 14 Jan 2019 19:11

Instrument :

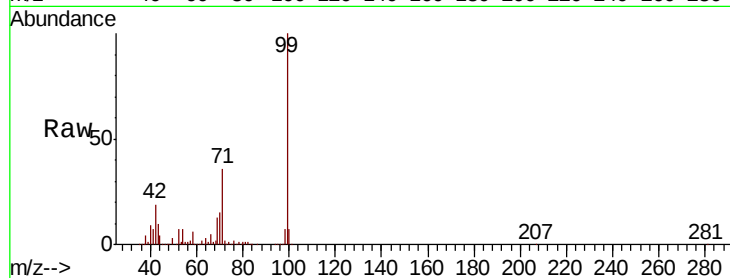
BNA_M

ClientSampleId :

DGA-01-011019

Tot Ion: 99 Resp: 2264850

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.3	25.9
71	36.2	28.0	42.0

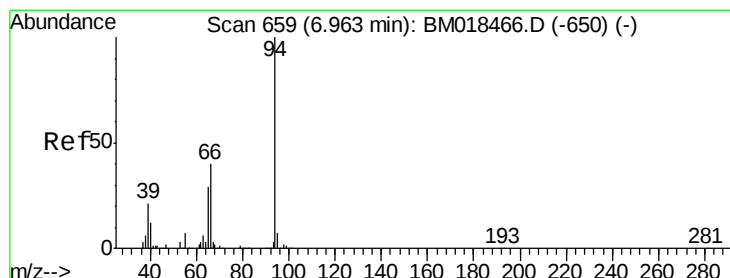
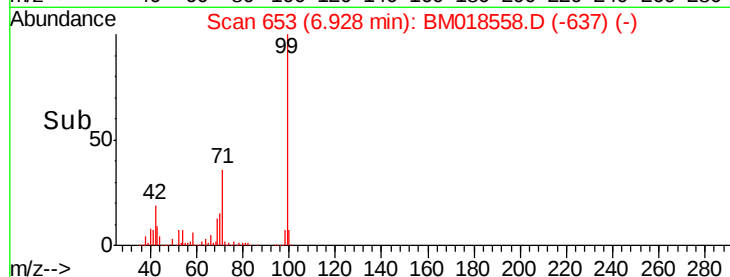
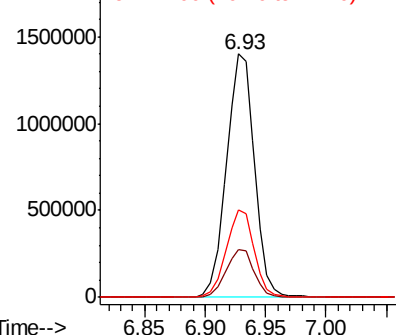


Abundance

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) (-)



#10

Phenol

Concen: 2.495 ng

RT: 6.95 min Scan# 657

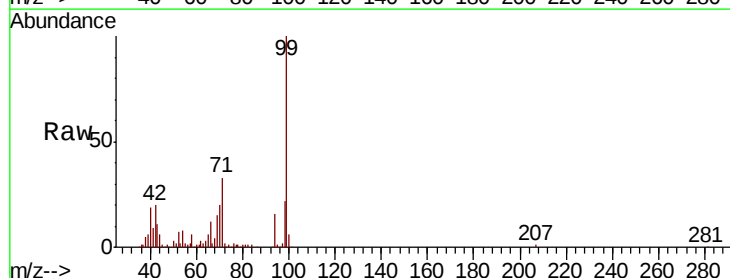
Delta R.T. -0.01 min

Lab File: BM018558.D

Acq: 14 Jan 2019 19:11

Tgt Ion: 94 Resp: 32941

Ion	Ratio	Lower	Upper
94	100		
65	36.6	9.4	49.4
66	75.1	19.1	59.1

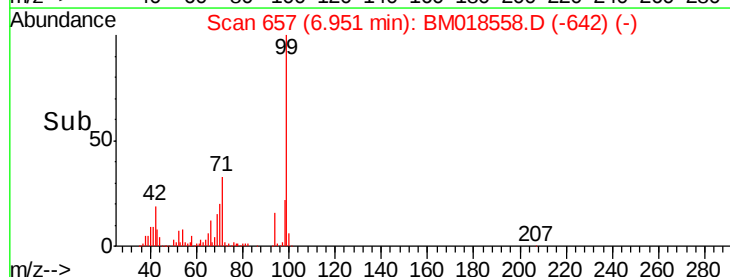
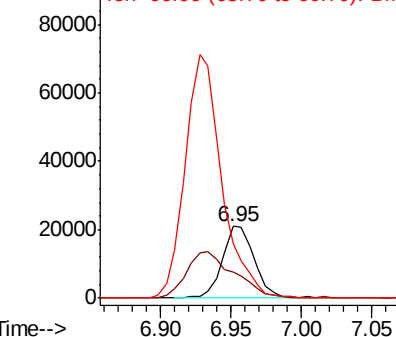


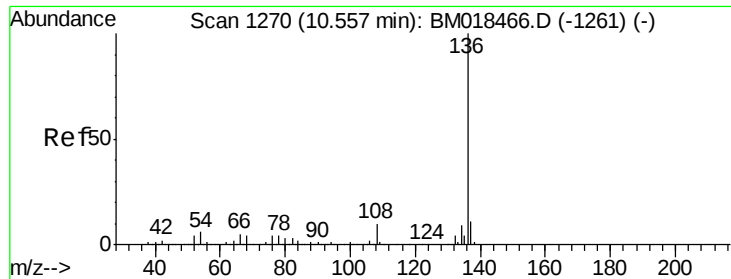
Abundance

Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

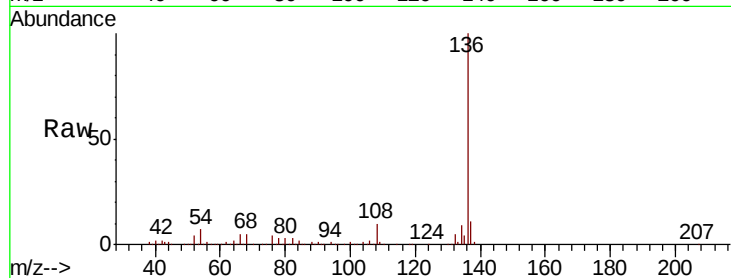




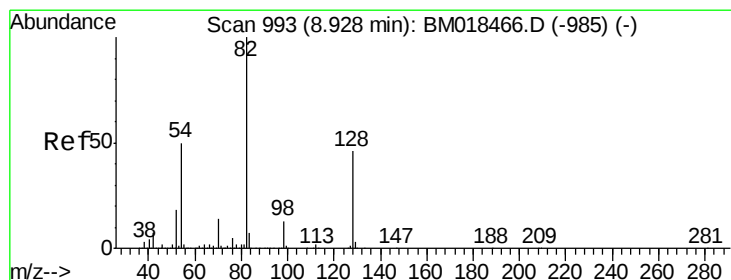
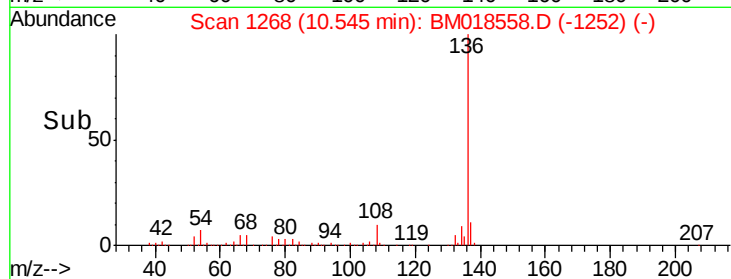
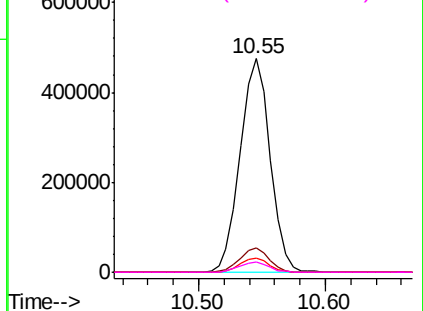
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Instrument :
BNA_M
ClientSampleId :
DGA-01-011019

Tot Ion:136	Resp:	781470
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.5	12.7
54 6.8	6.0	9.0
68 4.6	4.5	6.7

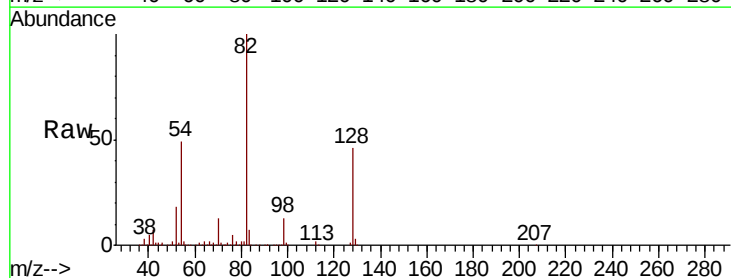


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

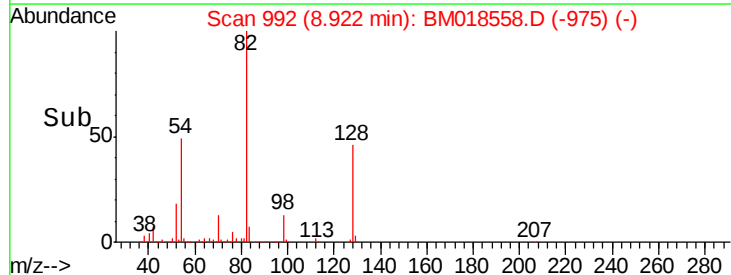
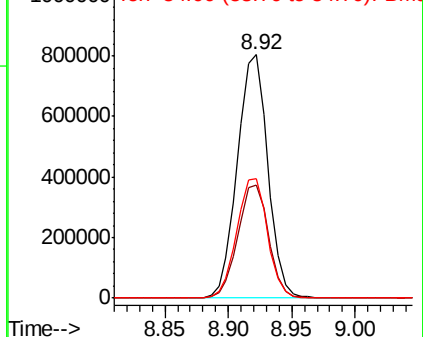


#23
Nitrobenzene-d5
Concen: 99.559 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Tgt Ion: 82	Resp: 1342087
Ion Ratio	Lower Upper
82 100	
128 46.4	36.3 54.5
54 49.2	41.7 62.5



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM018558.D

Acq: 14 Jan 2019 19:11

Instrument :

BNA_M

ClientSampleId :

DGA-01-011019

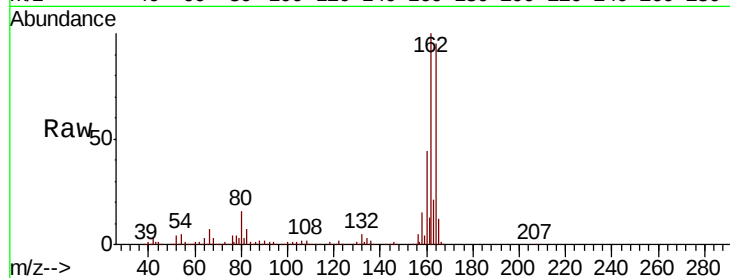
Tot Ion:164 Resp: 487099

Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.4

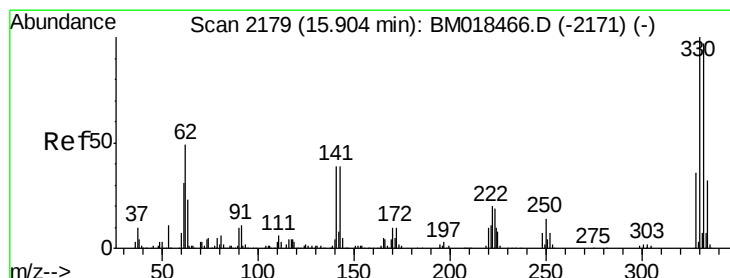
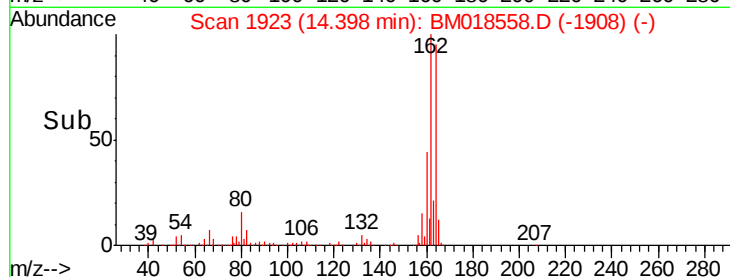
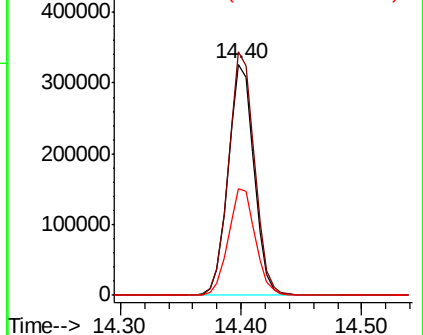
160 45.9 37.1 55.7



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



#42

2,4,6-Tribromophenol

Concen: 177.212 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM018558.D

Acq: 14 Jan 2019 19:11

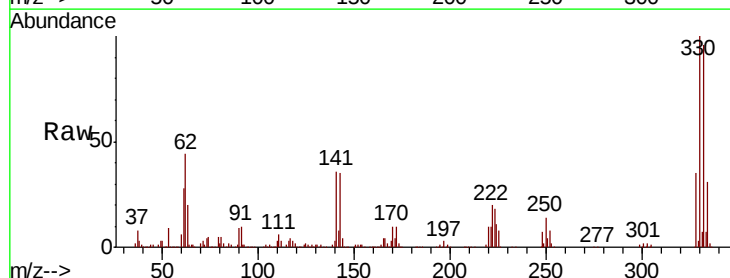
Tgt Ion:330 Resp: 1099090

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

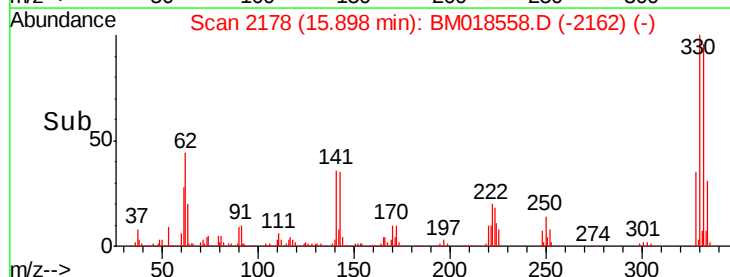
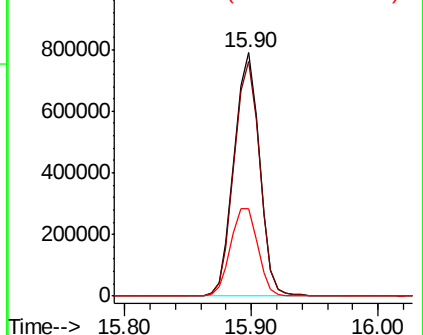
141 38.5 31.7 47.5

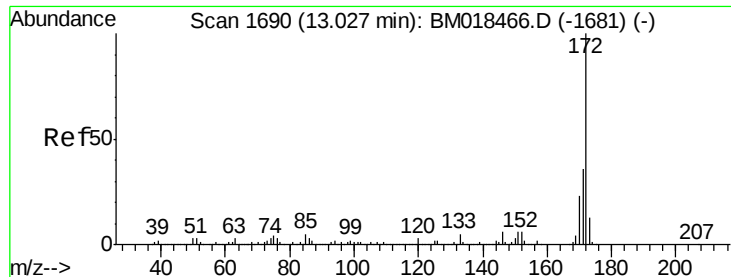


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

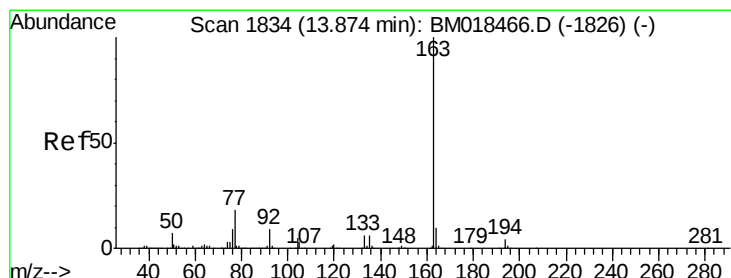
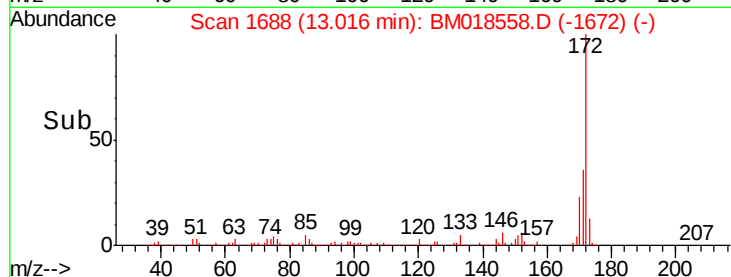
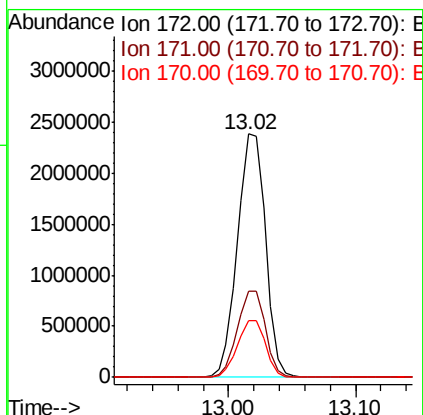
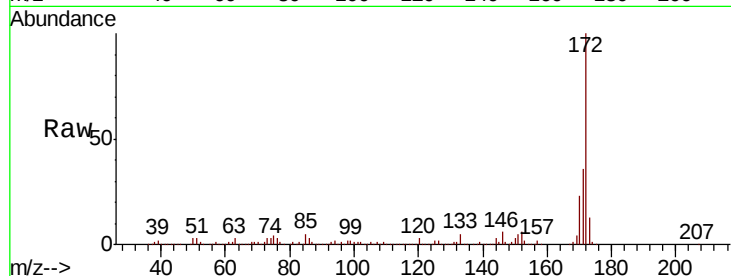




#45
2-Fluorobiphenyl
Concen: 98.186 ng
RT: 13.02 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

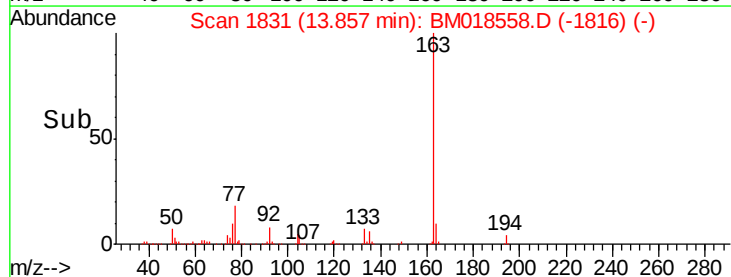
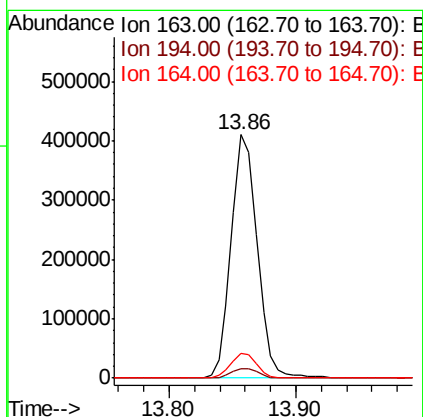
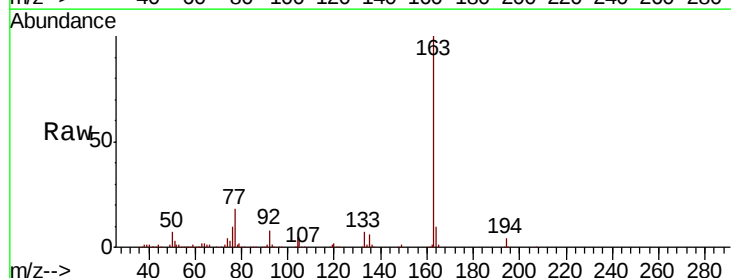
Instrument :
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DGA-01-011019

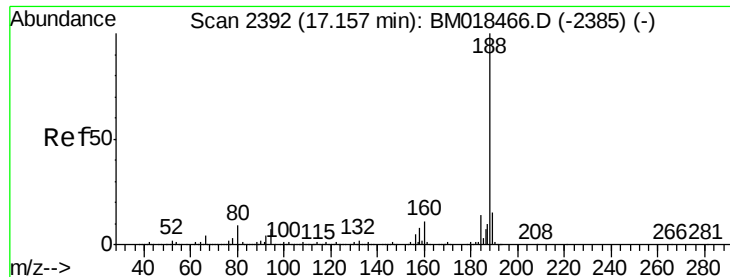
Tot Ion:172 Resp: 3665234
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.2 18.9 28.3



#50
Dimethylphthalate
Concen: 14.634 ng
RT: 13.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Tgt Ion:163 Resp: 585422
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.3 7.8 11.8

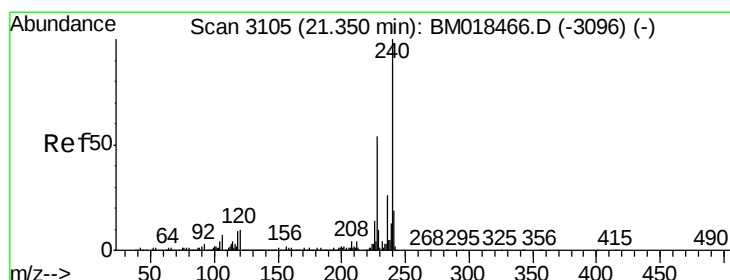
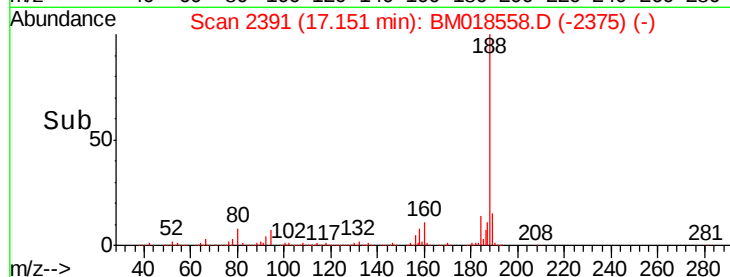
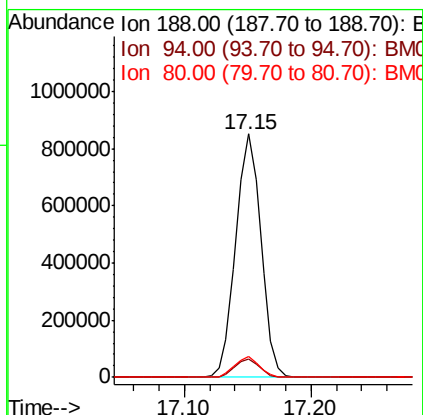
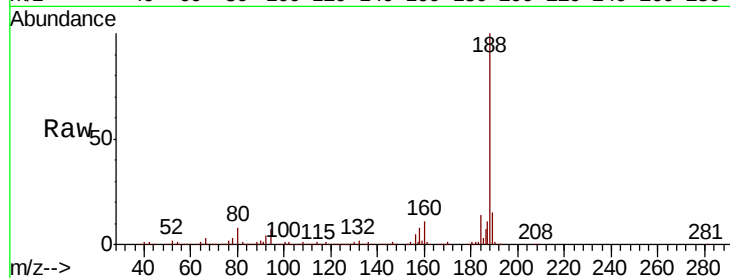




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

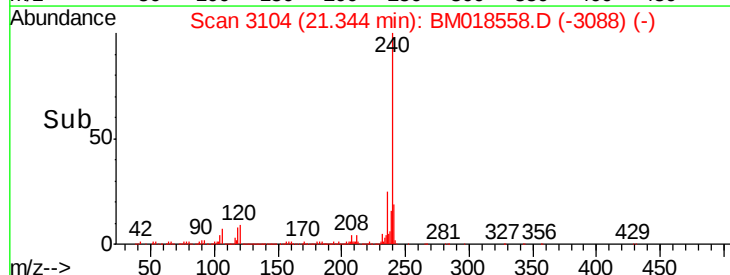
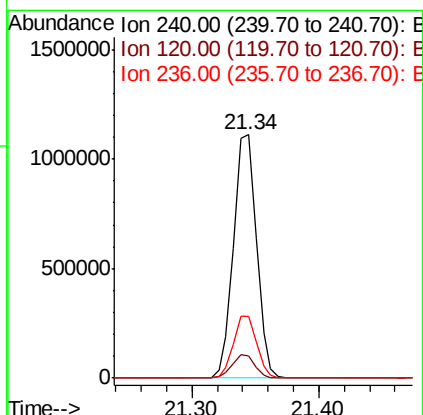
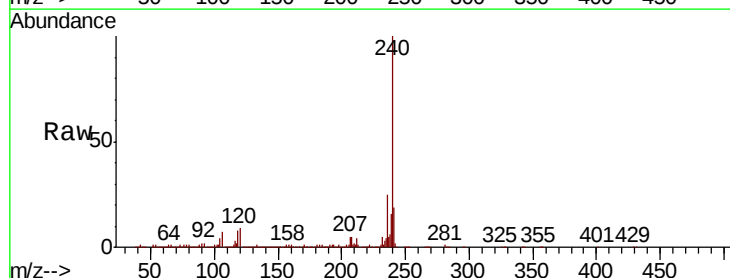
Instrument :
BNA_M
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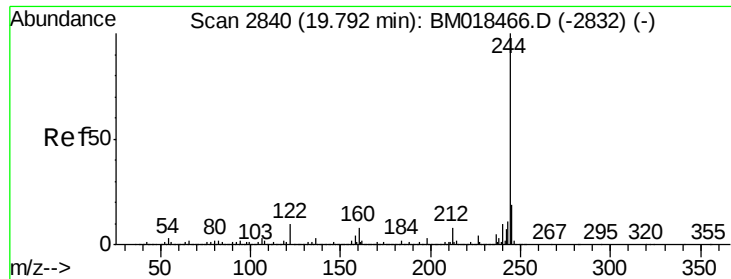
Tot Ion:188 Resp: 1171925
Ion Ratio Lower Upper
188 100
94 7.4 7.1 10.7
80 8.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Tgt Ion:240 Resp: 1391385
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 98.186 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018558.D

Acq: 14 Jan 2019 19:11

Instrument :

BNA_M

ClientSampleId :

DGA-01-011019

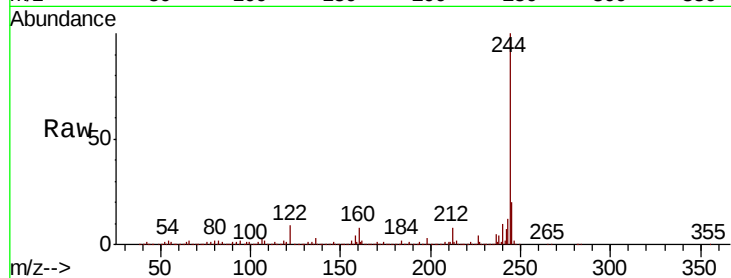
Tot Ion:244 Resp: 6480644

Ion Ratio Lower Upper

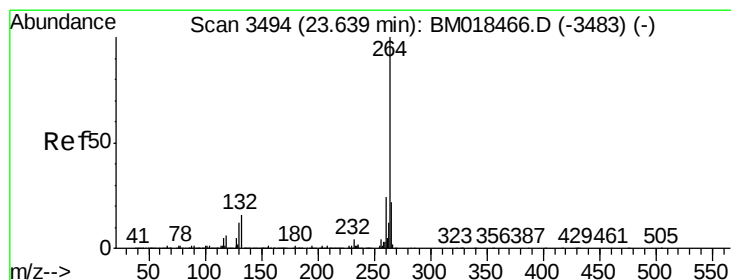
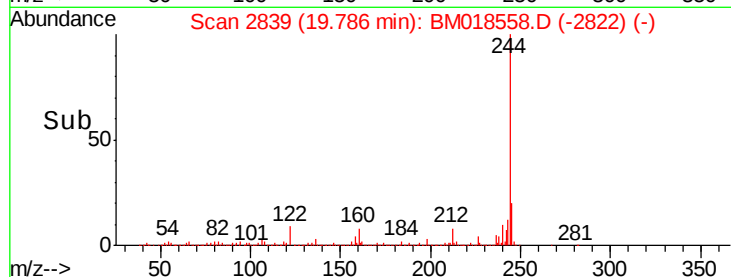
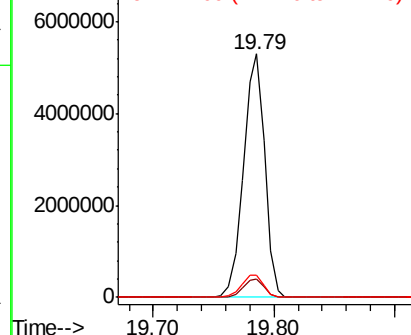
244 100

212 7.7 5.9 8.9

122 9.3 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# 3492

Delta R.T. -0.01 min

Lab File: BM018558.D

Acq: 14 Jan 2019 19:11

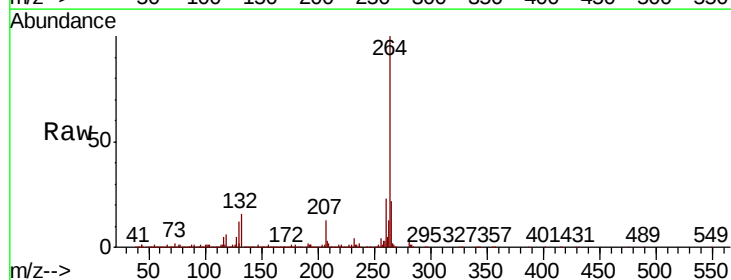
Tgt Ion:264 Resp: 1523764

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.6 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

