

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022019\
 Data File : BM018887.D
 Acq On : 20 Feb 2019 17:15
 Operator : JU/SJ
 Sample : K1520-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Feb 21 00:44:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

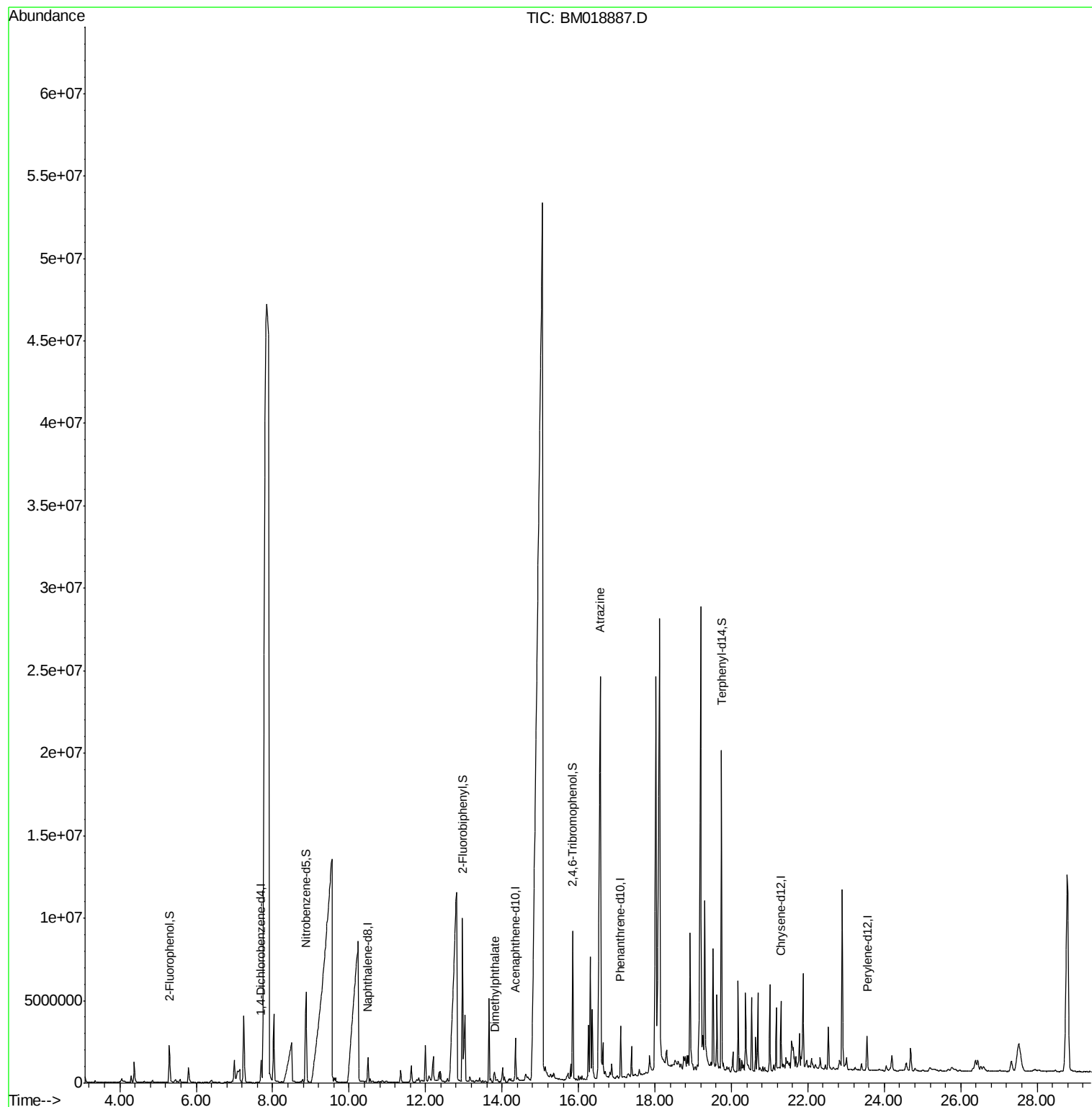
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	276568	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1185013	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	723889	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1671581	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1612286	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1403272	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1147876	68.00	ng	0.00
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	8.87	82	2382607	92.97	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1571827	150.64	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4699759	86.18	ng	-0.01
79) Terphenyl-d14	19.74	244	8377655	107.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.87	77	3721	Below Cal		Qvalue # 77
50) Dimethylphthalate	13.82	163	153809	2.550	ng	99
69) Atrazine	16.57	200	60576	3.558	ng	# 49

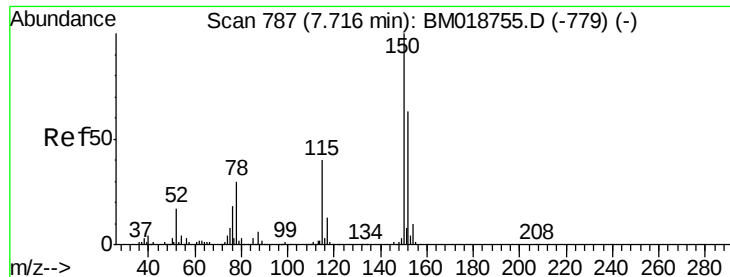
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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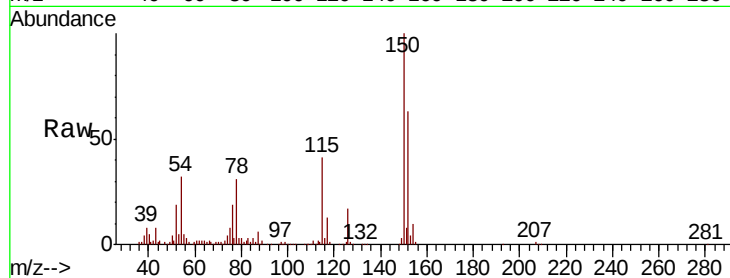


#1

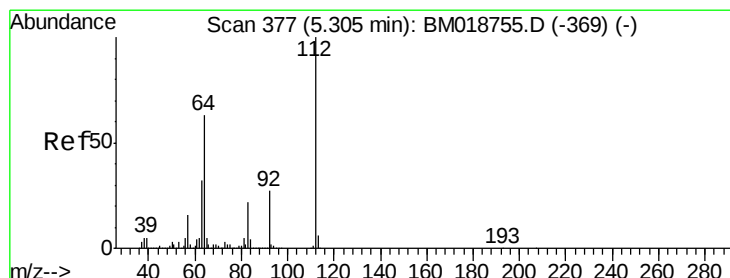
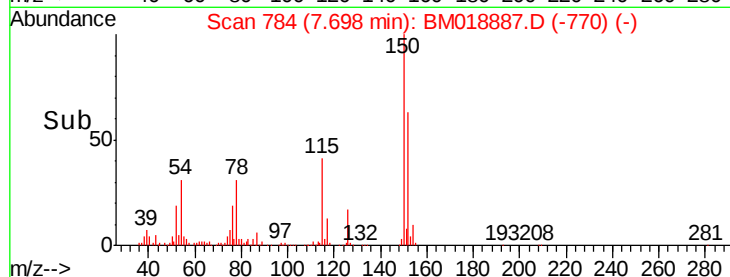
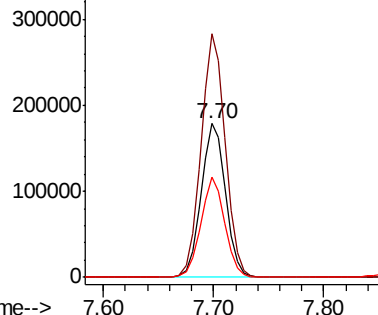
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.70 min Scan# 784
 Delta R.T. -0.02 min
 Lab File: BM018887.D
 Acq: 20 Feb 2019 17:15

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Tgt Ion:152 Resp: 276568
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.3 190.9
 115 65.3 50.8 76.2



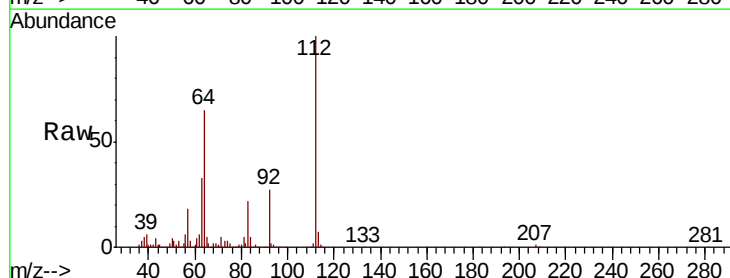
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



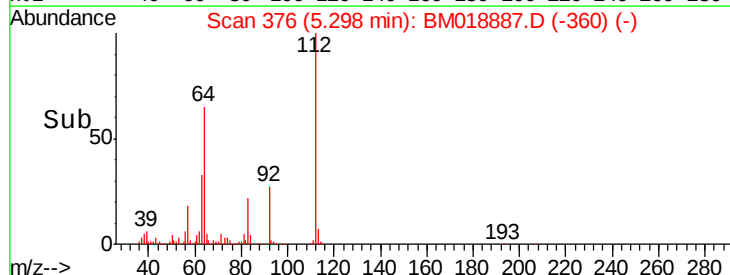
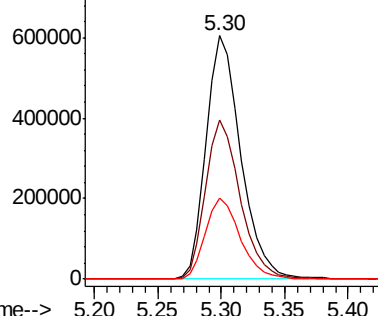
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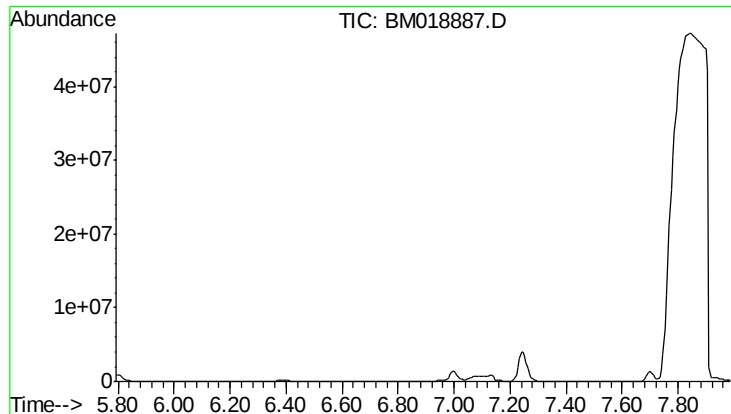
2-Fluorophenol
 Concen: 68.004 ng
 RT: 5.30 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: BM018887.D
 Acq: 20 Feb 2019 17:15

Tgt Ion:112 Resp: 1147876
 Ion Ratio Lower Upper
 112 100
 64 65.3 50.6 75.8
 63 33.4 25.7 38.5



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: 0.000 ng

Expected RT: 6.89 min

Lab File: BM018887.D

Acq: 20 Feb 2019 17:15

Instrument :

BNA_M

ClientSampleId :

EFF-WW

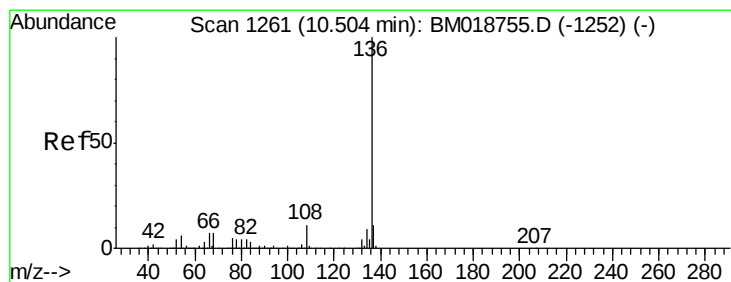
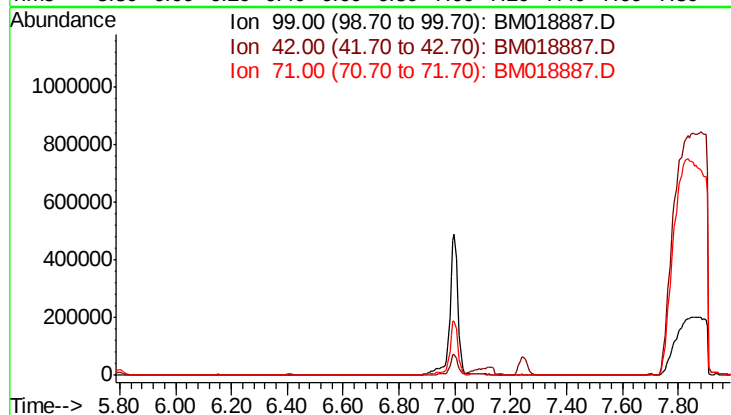
Tgt Ion: 99

Sig Exp Ratio

99 100

42 13.8

71 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018887.D

Acq: 20 Feb 2019 17:15

Tgt Ion:136 Resp: 1185013

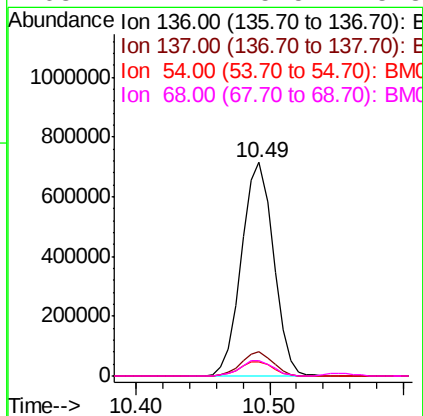
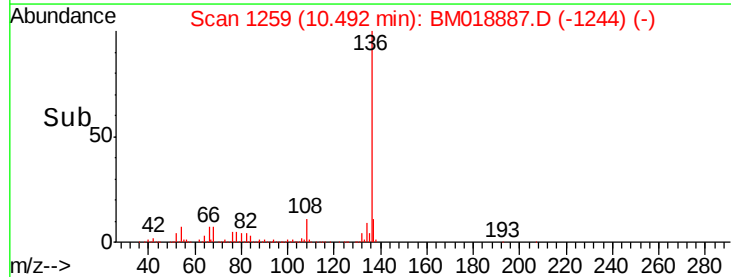
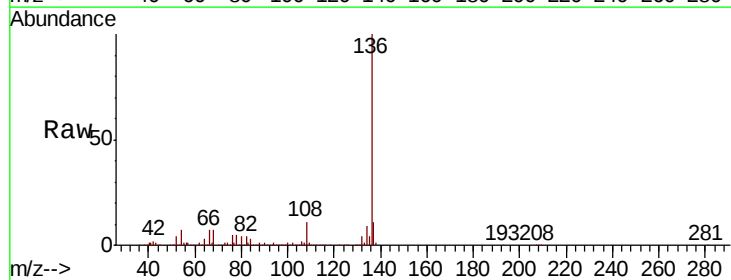
Ion Ratio Lower Upper

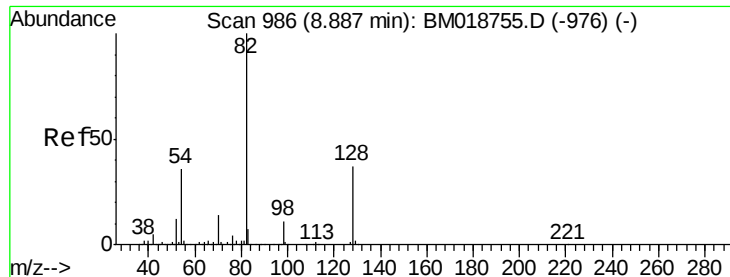
136 100

137 11.1 8.8 13.2

54 6.9 5.0 7.6

68 7.4 5.5 8.3

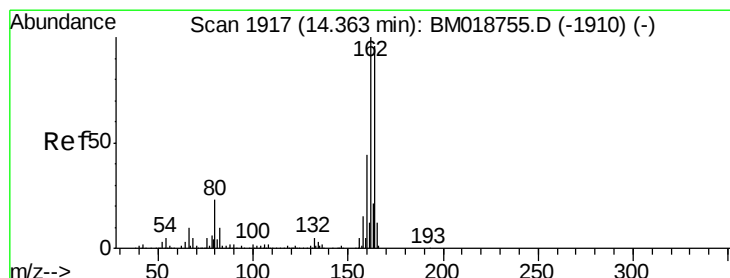
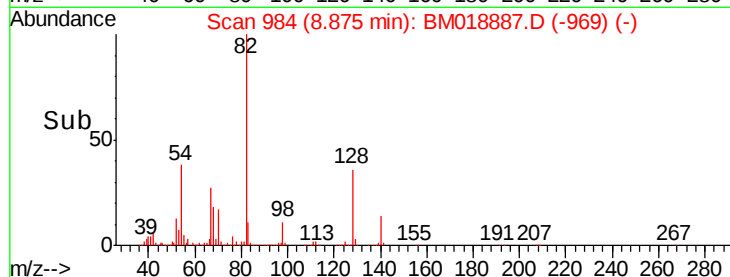
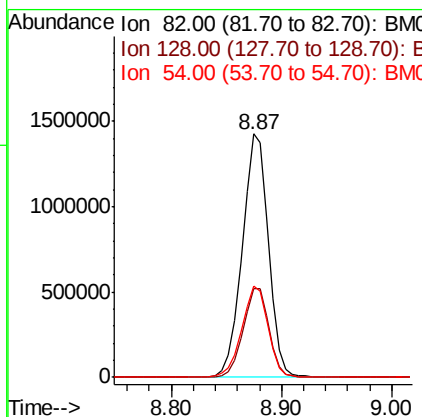
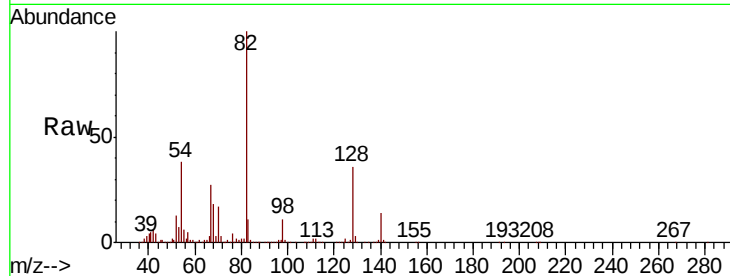




#23
Nitrobenzene-d5
Concen: 92.968 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018887.D
Acq: 20 Feb 2019 17:15

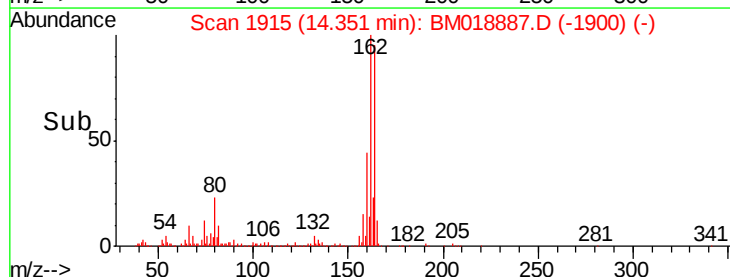
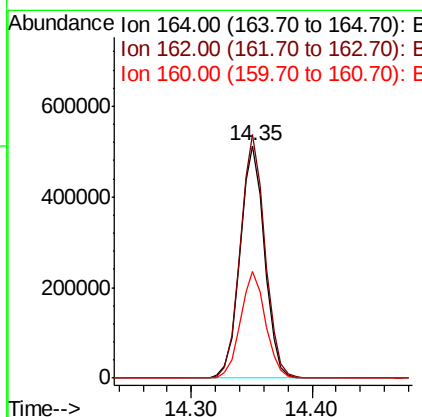
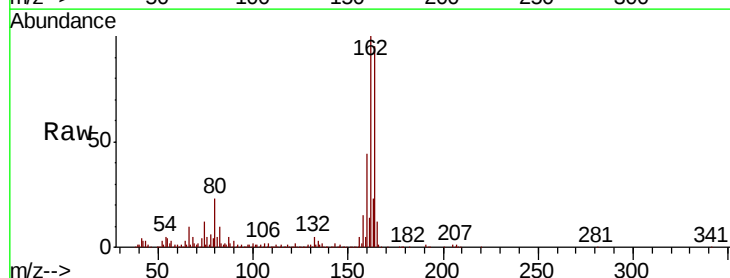
Instrument :
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ClientSampleId :
EFF-WW

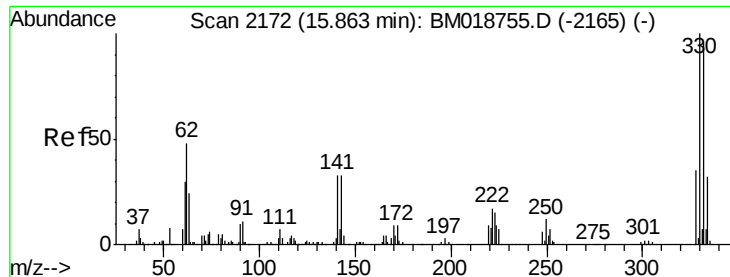
Tgt Ion: 82 Resp: 2382607
Ion Ratio Lower Upper
82 100
128 36.4 29.9 44.9
54 37.7 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018887.D
Acq: 20 Feb 2019 17:15

Tgt Ion: 164 Resp: 723889
Ion Ratio Lower Upper
164 100
162 104.9 83.4 125.0
160 46.2 36.6 55.0

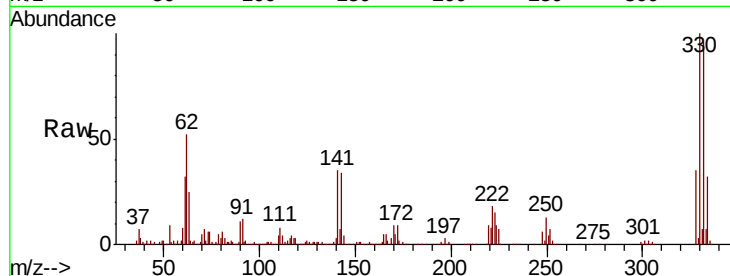




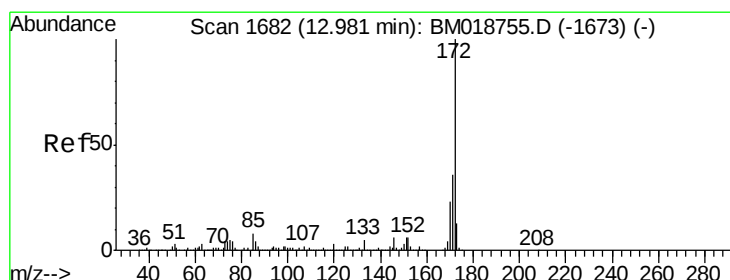
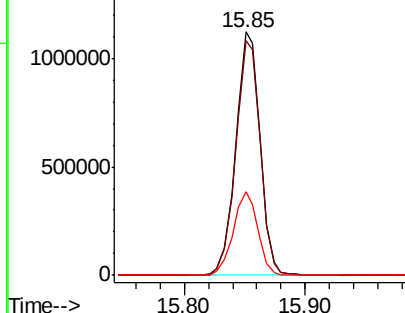
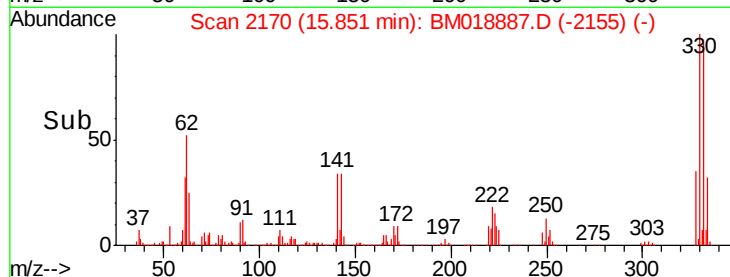
#42
 2,4,6-Tribromophenol
 Concen: 150.635 ng
 RT: 15.85 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM018887.D
 Acq: 20 Feb 2019 17:15

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Tgt Ion:330 Resp: 1571827
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 34.4 28.7 43.1

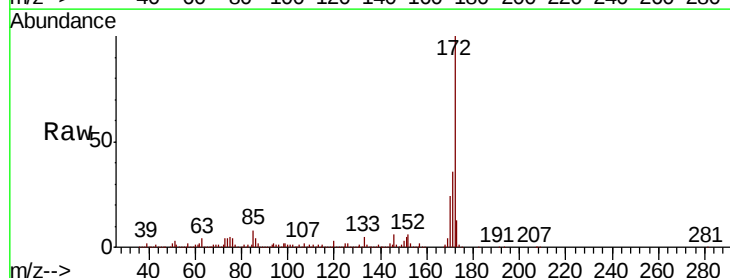


Abundance Ion 329.80 (329.50 to 330.50): E
 1500000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

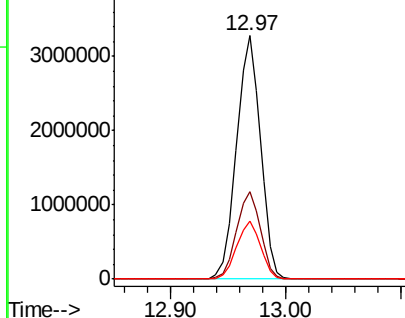
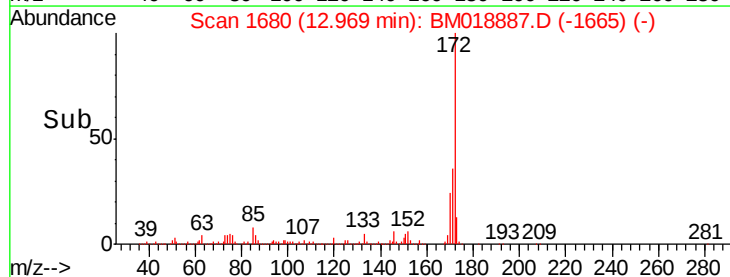


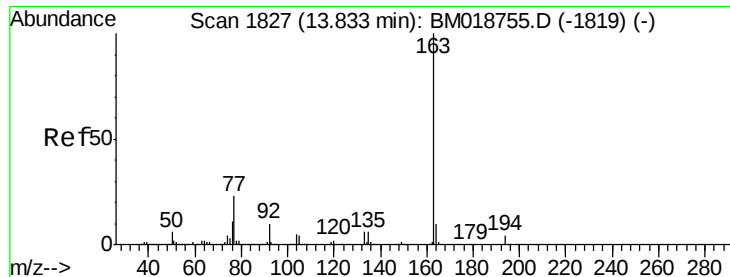
#45
 2-Fluorobiphenyl
 Concen: 86.185 ng
 RT: 12.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM018887.D
 Acq: 20 Feb 2019 17:15

Tgt Ion:172 Resp: 4699759
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.7 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E
 4000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

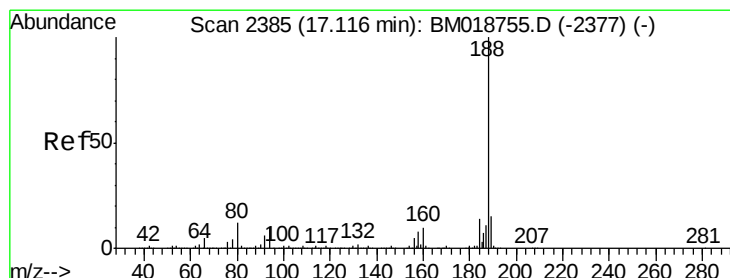
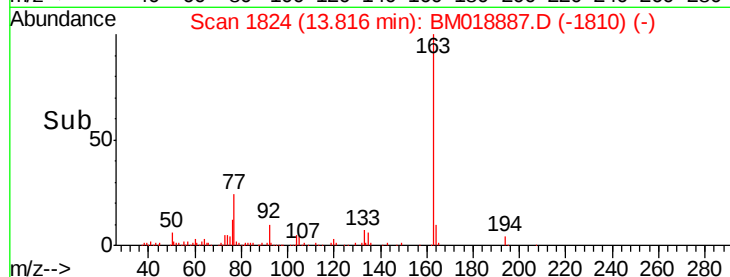
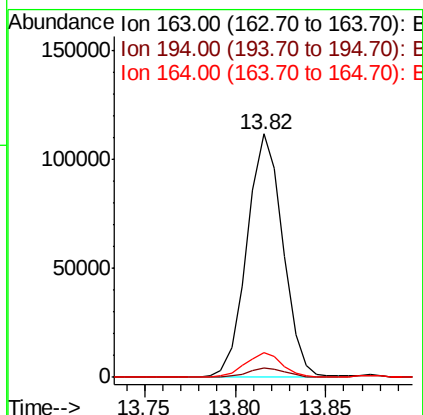
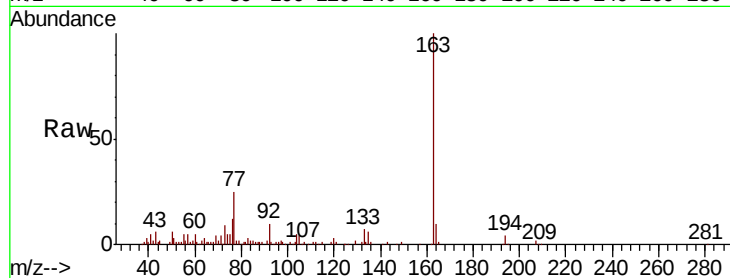




#50
Dimethylphthalate
Concen: 2.550 ng
RT: 13.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018887.D
Acq: 20 Feb 2019 17:15

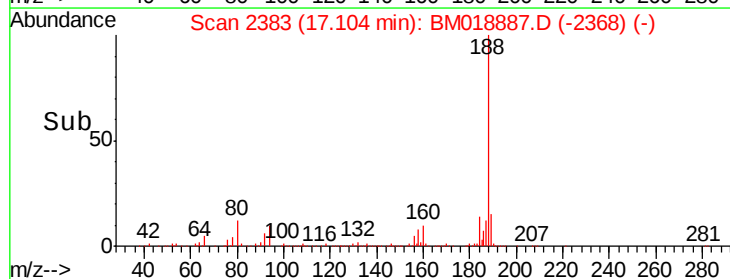
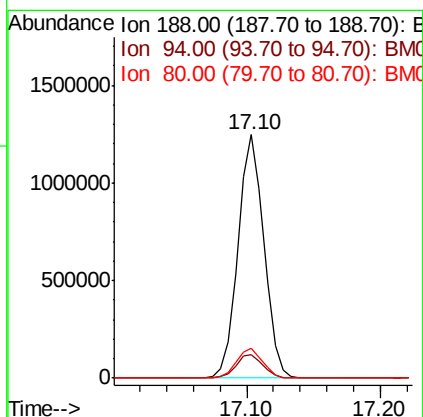
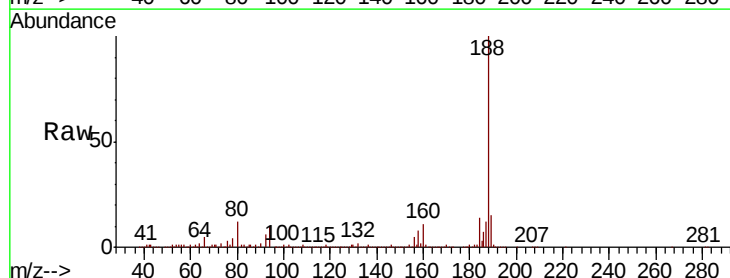
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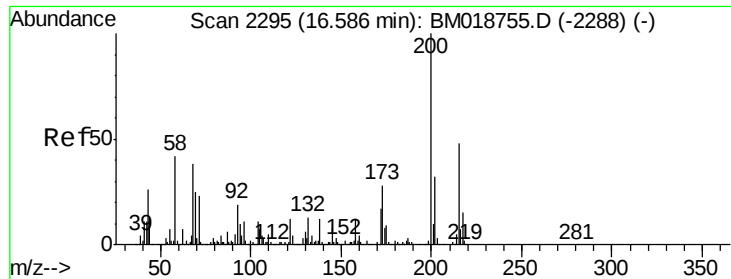
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.2	7.8	11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018887.D
Acq: 20 Feb 2019 17:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	12.3	9.7	14.5

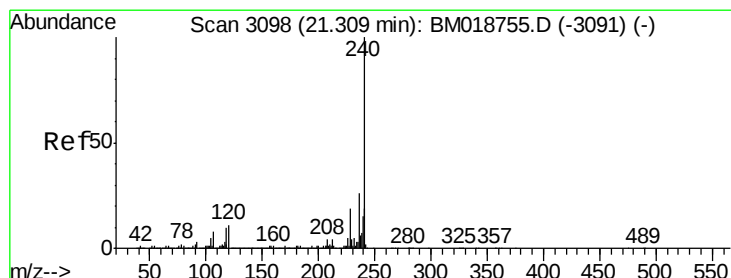
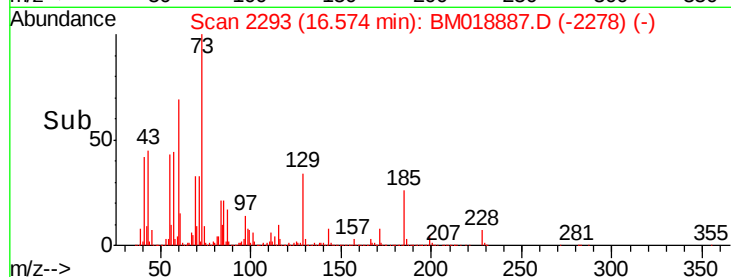
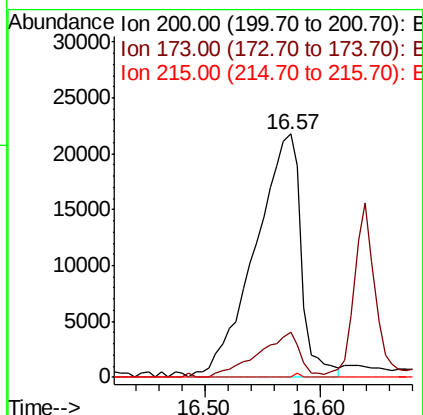
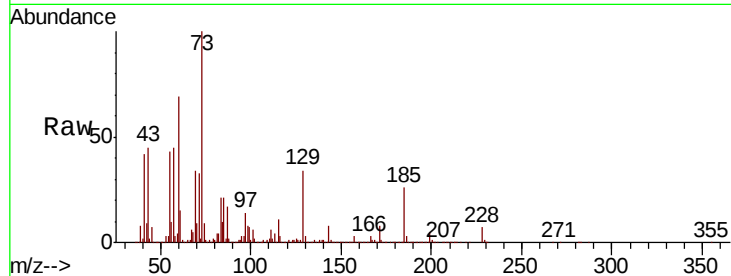




#69
 Atrazine
 Concen: 3.558 ng
 RT: 16.57 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BM018887.D
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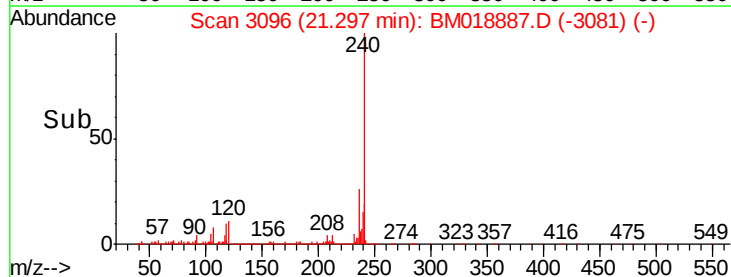
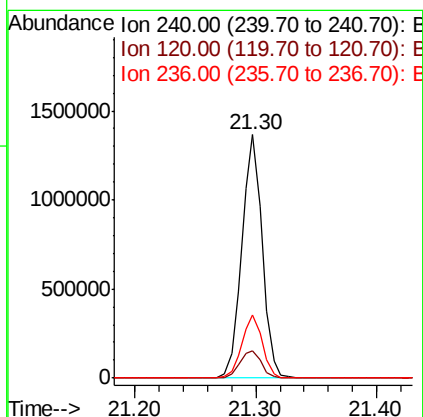
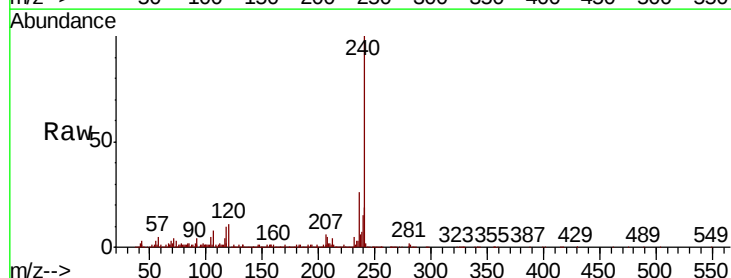
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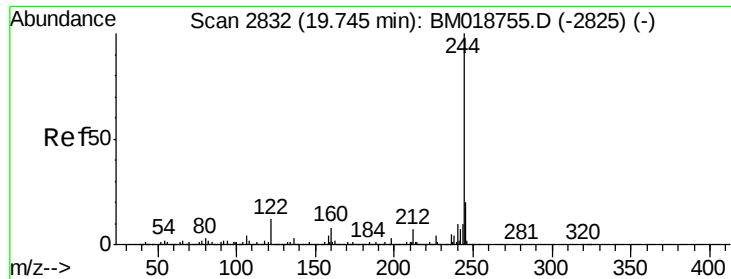
Tgt Ion:200 Resp: 60576
 Ion Ratio Lower Upper
 200 100
 173 18.7 7.6 47.6
 215 0.0 27.6 67.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.30 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM018887.D
 Acq: 20 Feb 2019 17:15

Tgt Ion:240 Resp: 1612286
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.9 13.3
 236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 107.191 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018887.D

Acq: 20 Feb 2019 17:15

Instrument :

BNA_M

ClientSampleId :

EFF-WW

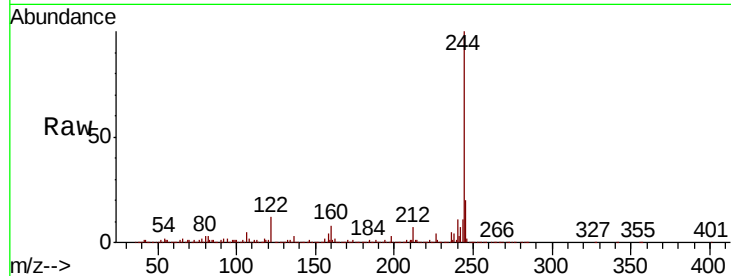
Tgt Ion:244 Resp: 8377655

Ion Ratio Lower Upper

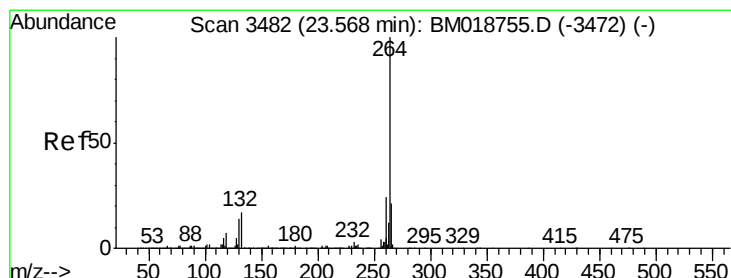
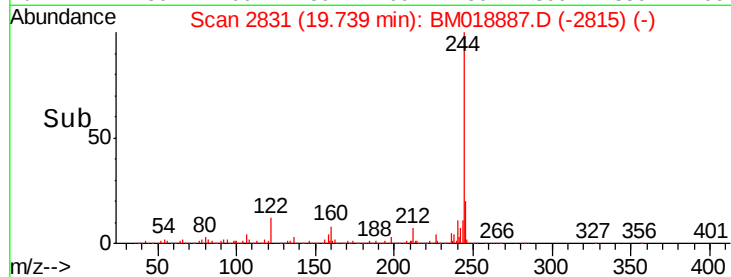
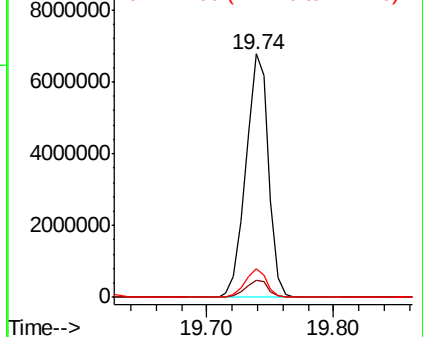
244 100

212 7.3 5.6 8.4

122 12.0 9.3 13.9



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: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018887.D

Acq: 20 Feb 2019 17:15

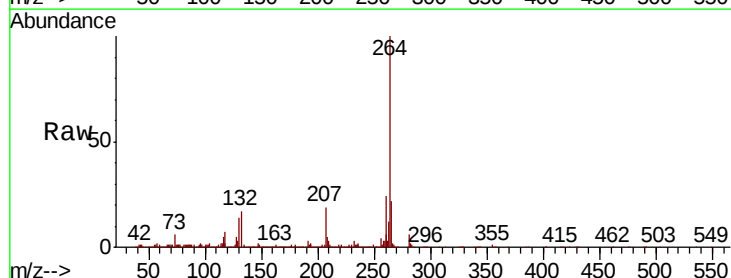
Tgt Ion:264 Resp: 1403272

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 21.9 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

