

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022719\
 Data File : BM018953.D
 Acq On : 27 Feb 2019 17:21
 Operator : JU/SJ
 Sample : K1627-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-(5-10)

Quant Time: Feb 28 03:14:46 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

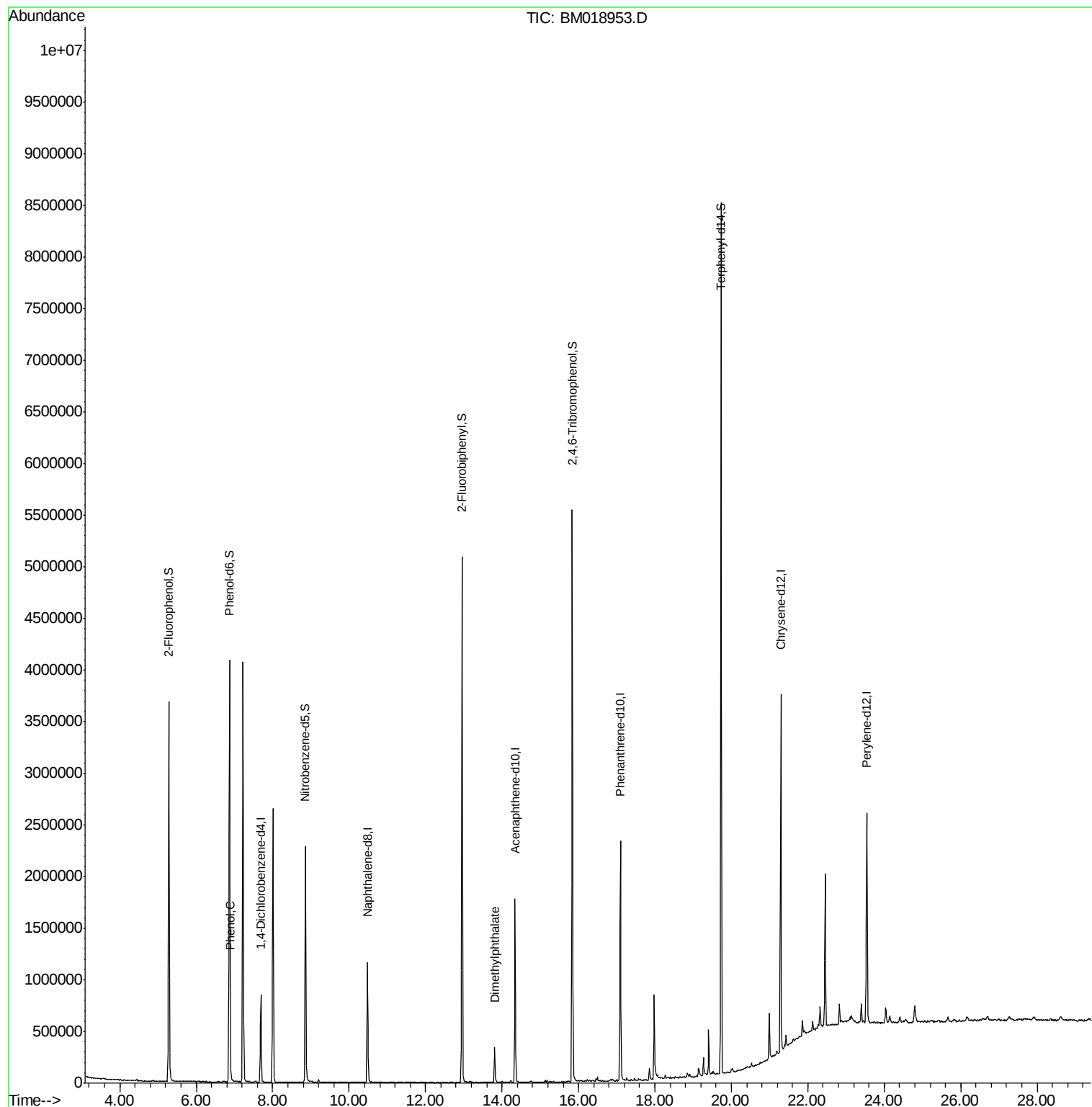
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	222174	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	965487	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	576796	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1302171	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1456769	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1365654	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1581167	116.61	ng	-0.02
7) Phenol-d6	6.87	99	2324887	121.71	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1489022	71.31	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	951368	114.42	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	2443766	56.24	ng	-0.02
79) Terphenyl-d14	19.73	244	3670103	51.97	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.87	77	7852	Below Cal	Qvalue #	13
10) Phenol	6.89	94	45200	2.249 ng	#	71
50) Dimethylphthalate	13.80	163	227182	4.726 ng		99

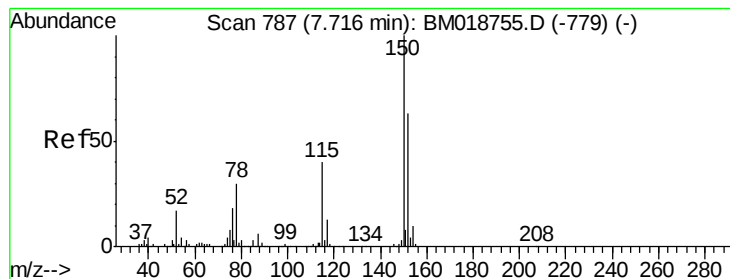
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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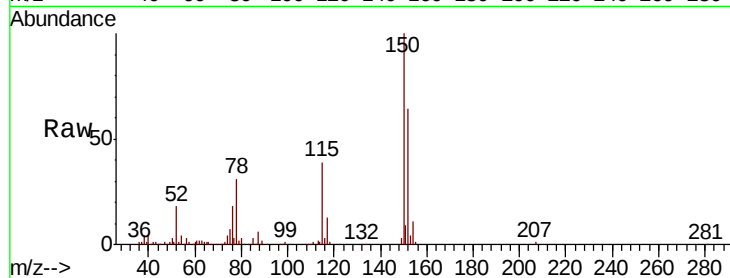


#1

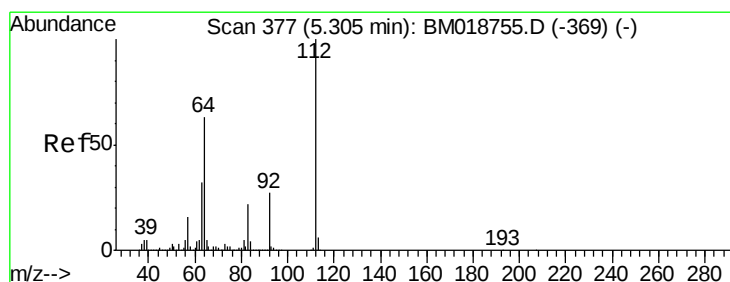
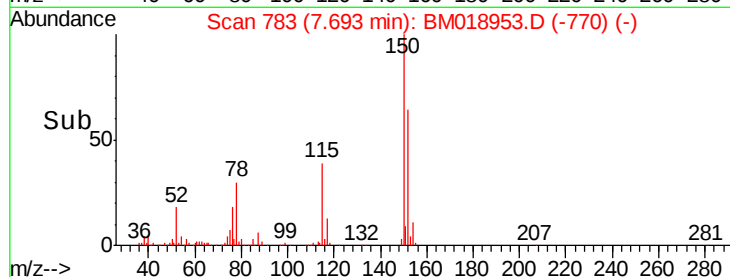
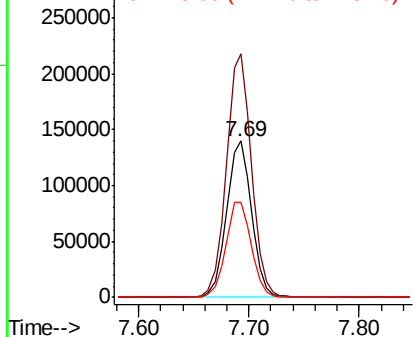
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018953.D
Acq: 27 Feb 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)

Tgt Ion:152 Resp: 222174
Ion Ratio Lower Upper
152 100
150 155.7 127.3 190.9
115 61.2 50.8 76.2



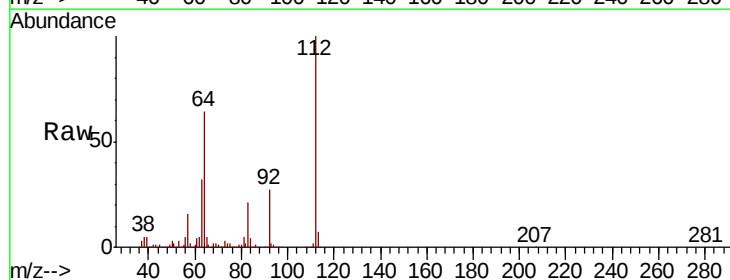
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



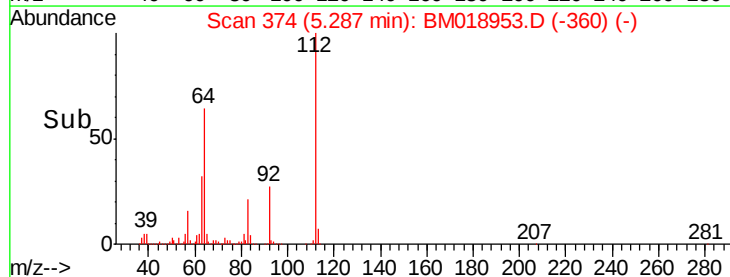
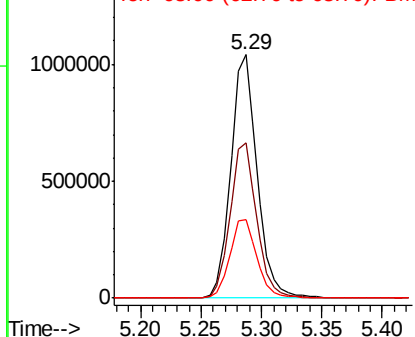
#5

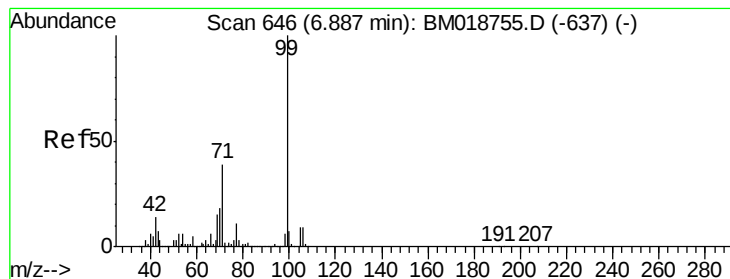
2-Fluorophenol
Concen: 116.607 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018953.D
Acq: 27 Feb 2019 17:21

Tgt Ion:112 Resp: 1581167
Ion Ratio Lower Upper
112 100
64 63.6 50.6 75.8
63 32.1 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: 121.706 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018953.D

Acq: 27 Feb 2019 17:21

Instrument :

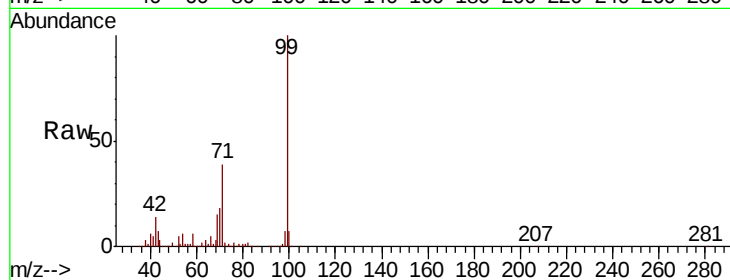
BNA_M

ClientSampleId :

SB-02-(5-10)

Tgt Ion: 99 Resp: 2324887

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	38.6	31.3	46.9

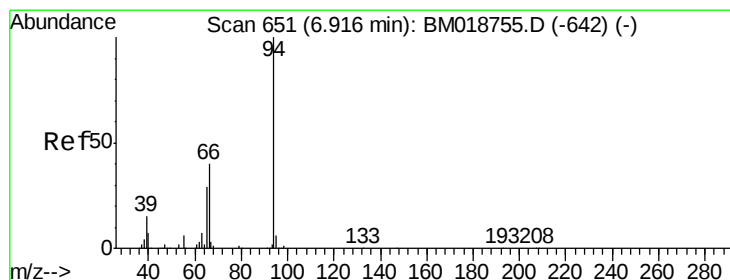
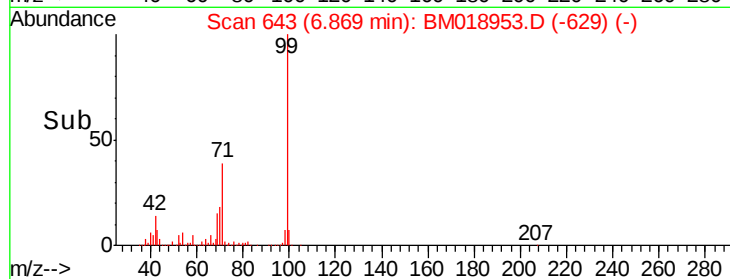


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 2.249 ng

RT: 6.89 min Scan# 647

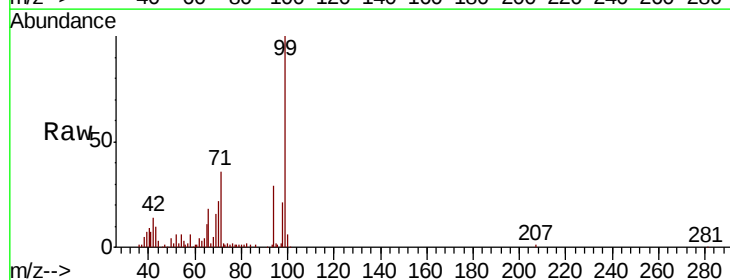
Delta R.T. -0.02 min

Lab File: BM018953.D

Acq: 27 Feb 2019 17:21

Tgt Ion: 94 Resp: 45200

Ion	Ratio	Lower	Upper
94	100		
65	38.4	9.6	49.6
66	64.3	20.4	60.4

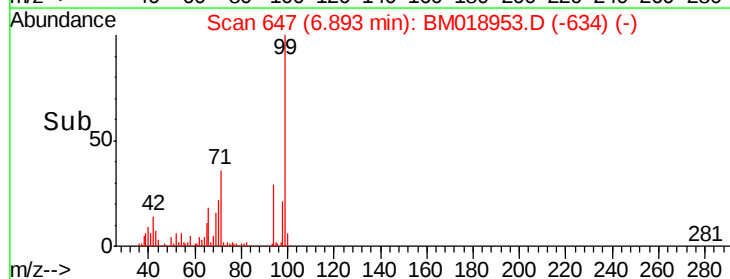


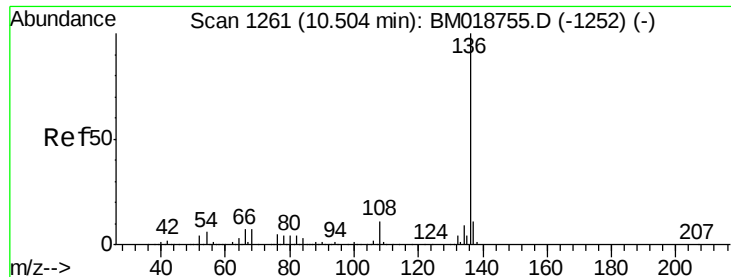
Abundance

Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

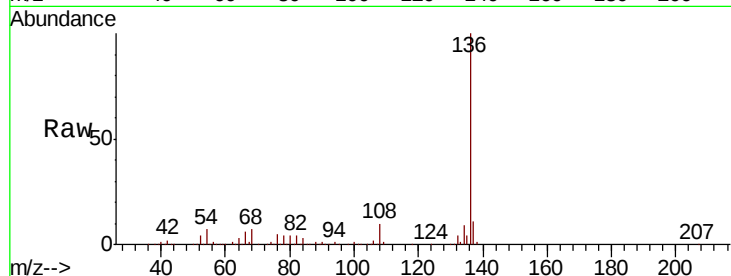




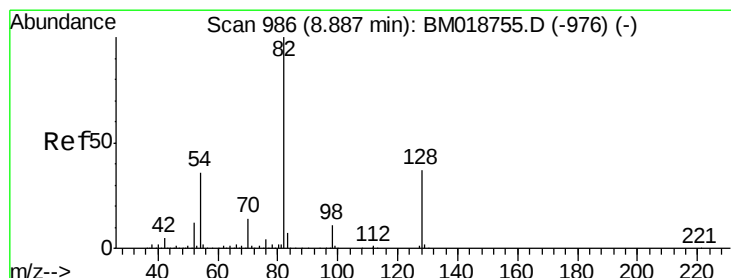
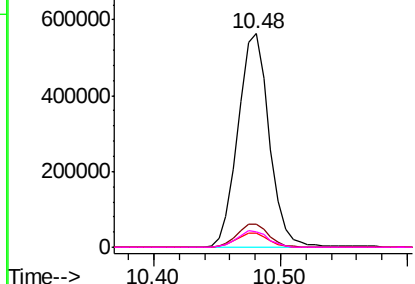
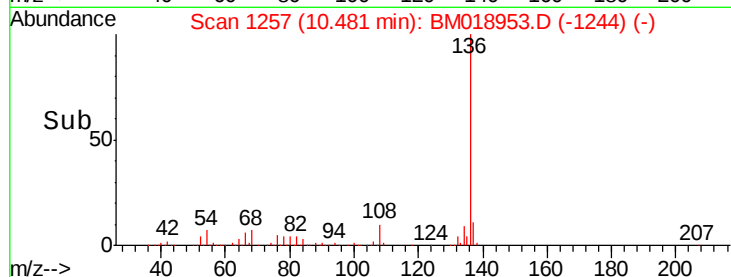
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018953.D
Acq: 27 Feb 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)

Tgt Ion:	136	Resp:	965487
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.9	5.0	7.6
68	7.4	5.5	8.3

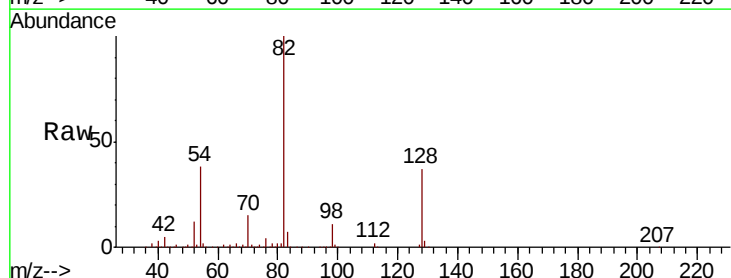


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

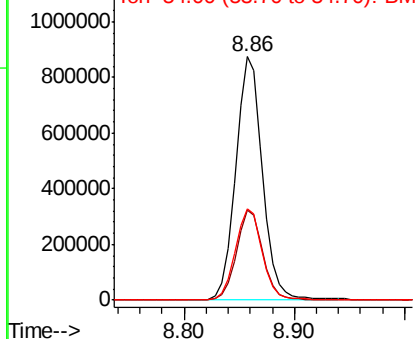
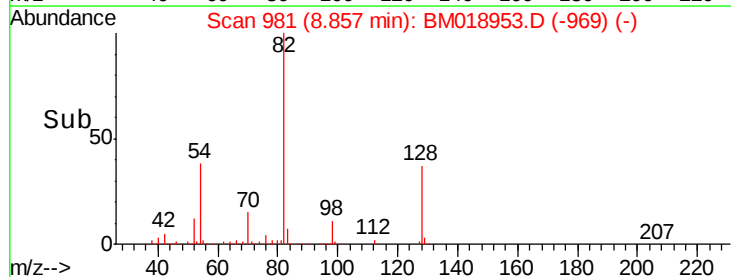


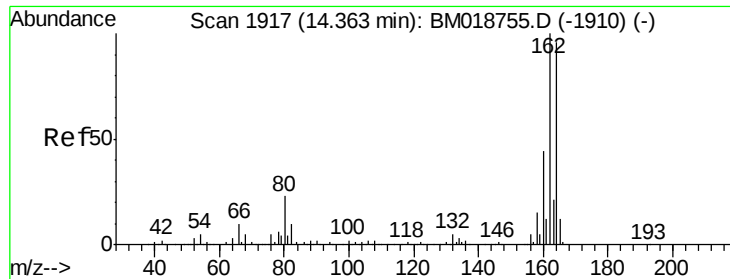
#23
Nitrobenzene-d5
Concen: 71.312 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM018953.D
Acq: 27 Feb 2019 17:21

Tgt Ion:	82	Resp:	1489022
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.9	44.9
54	37.7	29.1	43.7



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: 14.34 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018953.D

Acq: 27 Feb 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SB-02-(5-10)

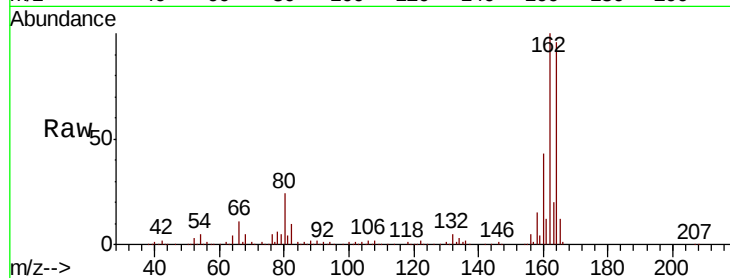
Tgt Ion:164 Resp: 576796

Ion Ratio Lower Upper

164 100

162 104.0 83.4 125.0

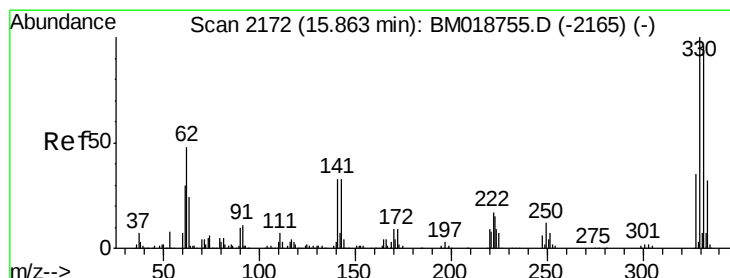
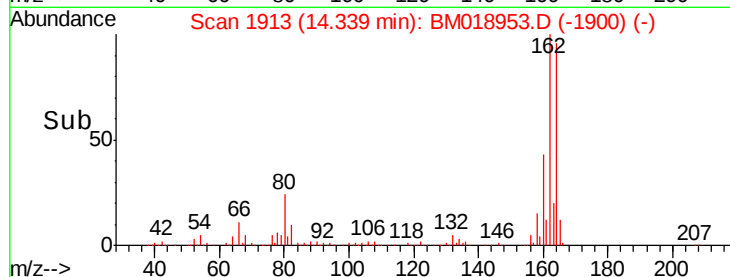
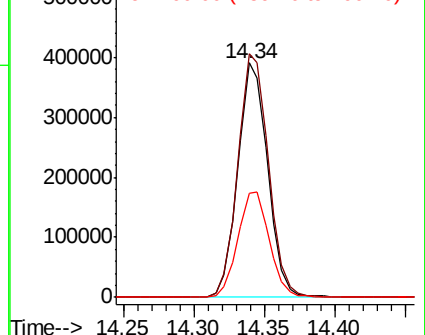
160 44.7 36.6 55.0



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: 114.425 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM018953.D

Acq: 27 Feb 2019 17:21

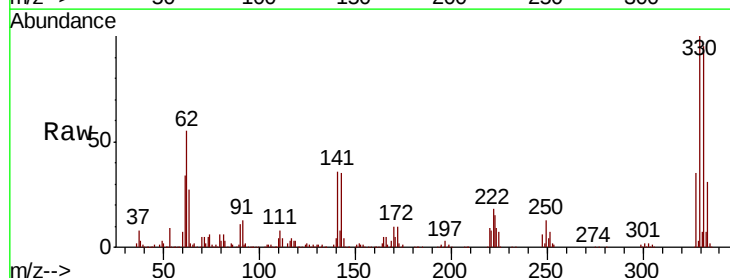
Tgt Ion:330 Resp: 951368

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

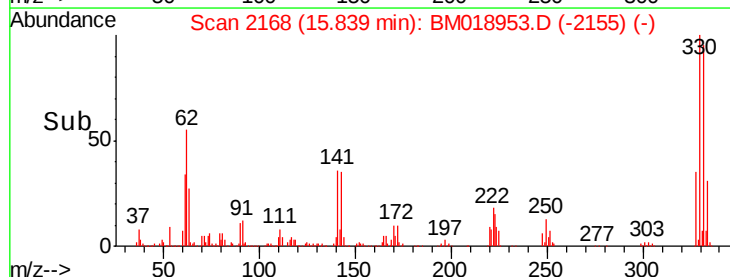
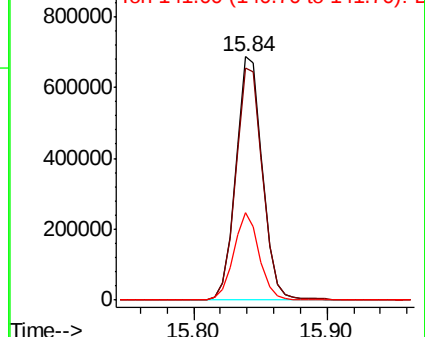
141 34.7 28.7 43.1

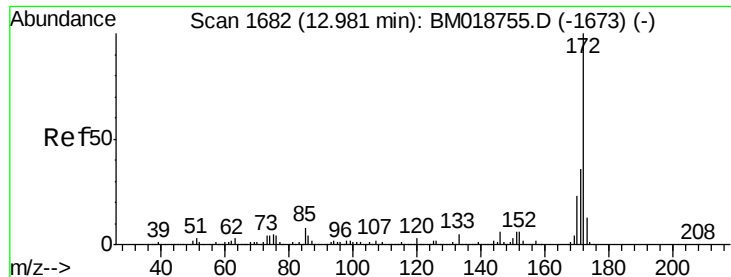


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

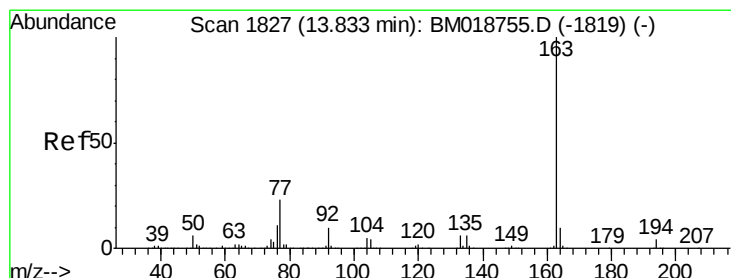
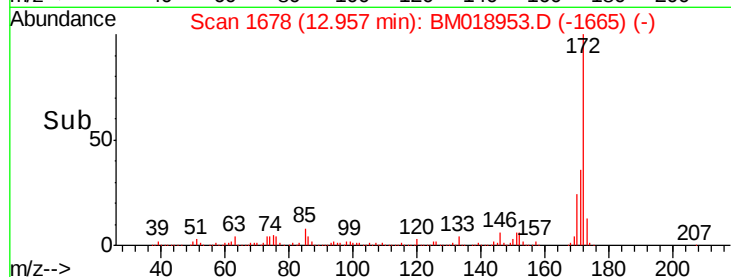
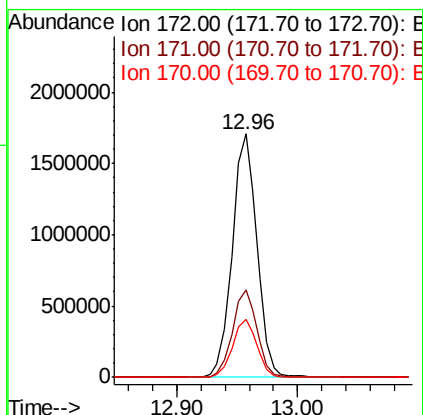
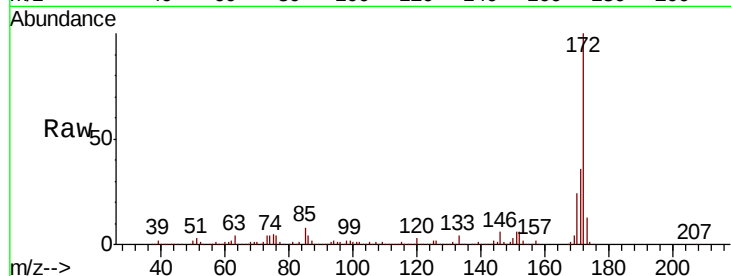




#45
2-Fluorobiphenyl
Concen: 56.242 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM018953.D
Acq: 27 Feb 2019 17:21

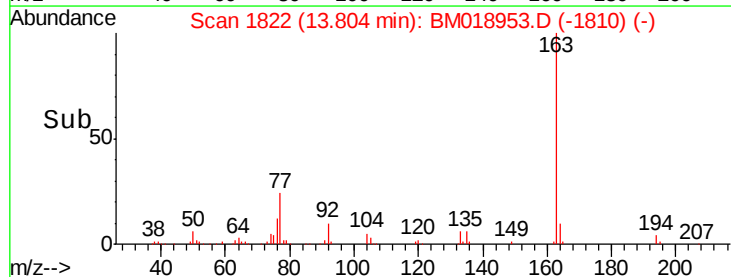
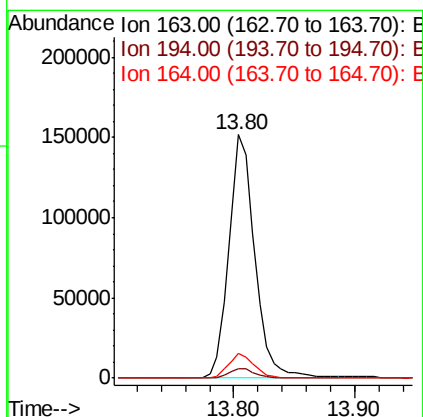
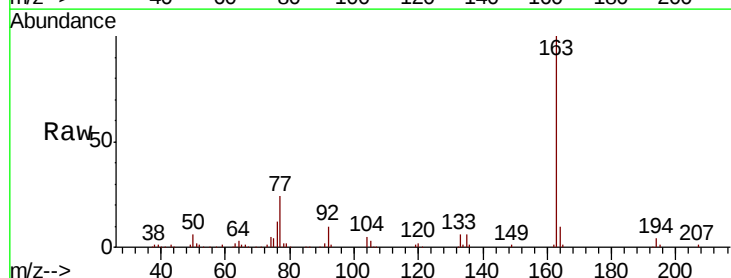
Instrument :
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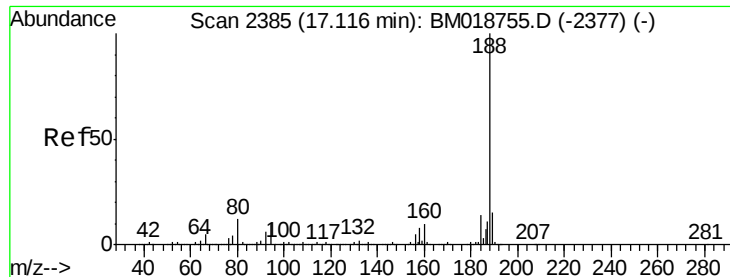
Tgt Ion:172 Resp: 2443766
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.6 18.6 28.0



#50
Dimethylphthalate
Concen: 4.726 ng
RT: 13.80 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BM018953.D
Acq: 27 Feb 2019 17:21

Tgt Ion:163 Resp: 227182
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 7.8 11.8

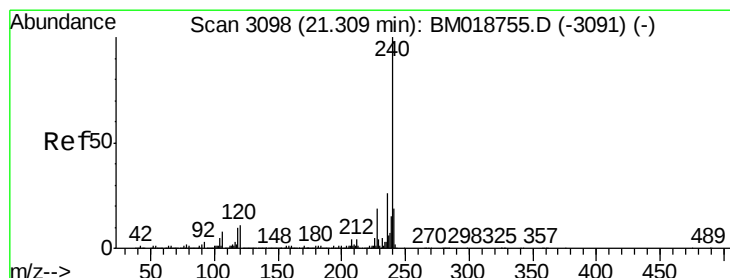
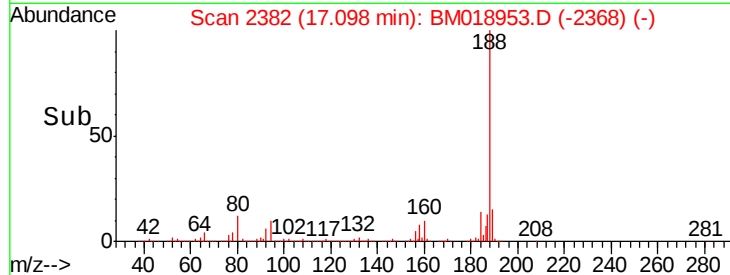
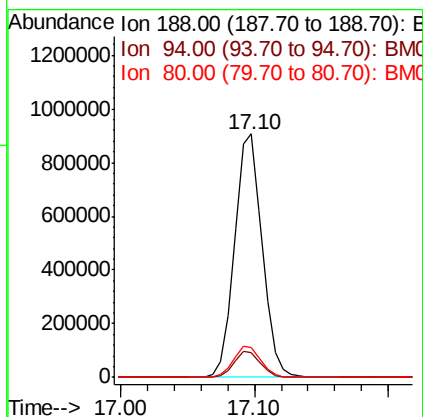
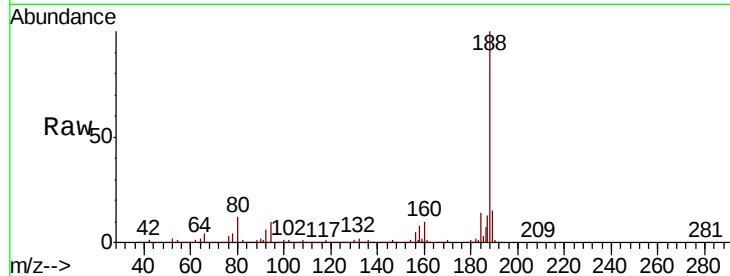




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018953.D
Acq: 27 Feb 2019 17:21

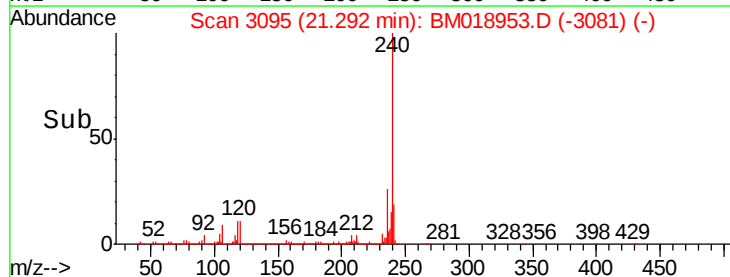
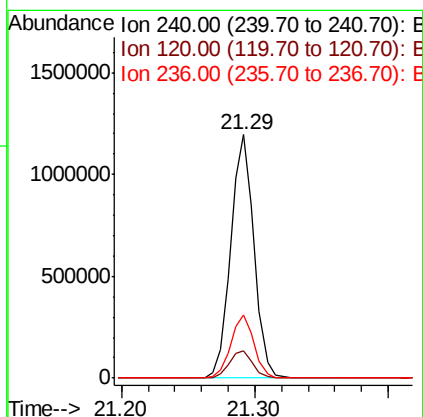
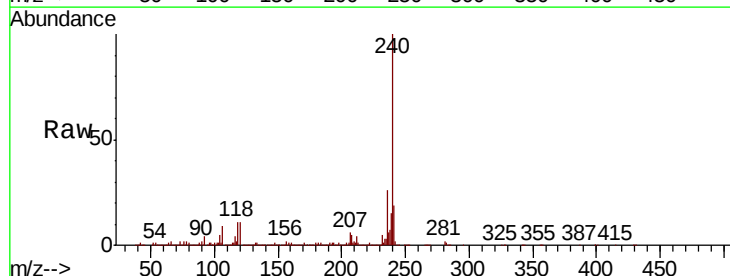
Instrument :
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SB-02-(5-10)

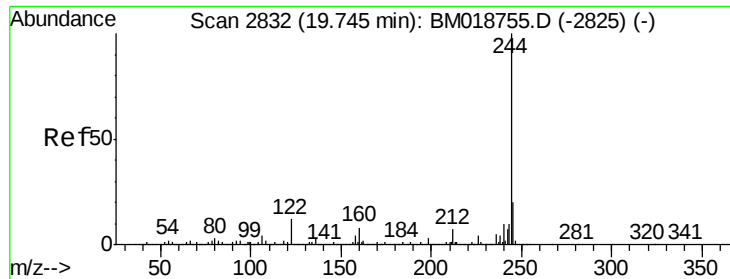
Tgt Ion:188 Resp: 1302171
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 12.3 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018953.D
Acq: 27 Feb 2019 17:21

Tgt Ion:240 Resp: 1456769
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 51.971 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018953.D

Acq: 27 Feb 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SB-02-(5-10)

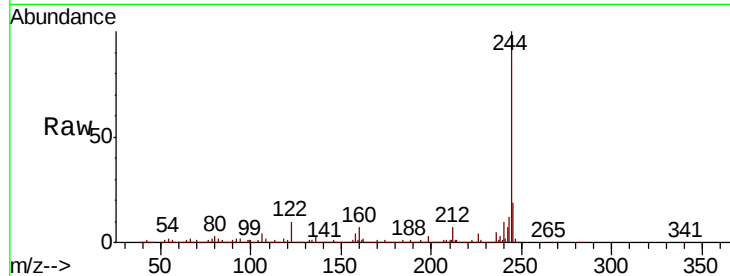
Tgt Ion:244 Resp: 3670103

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

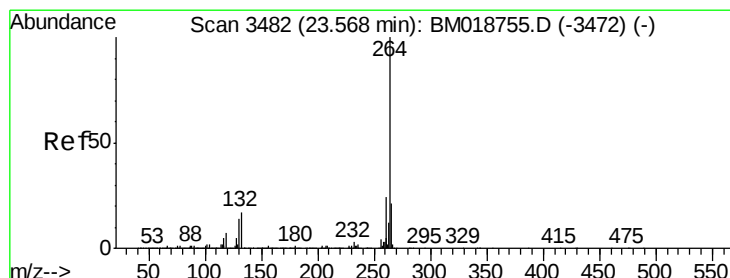
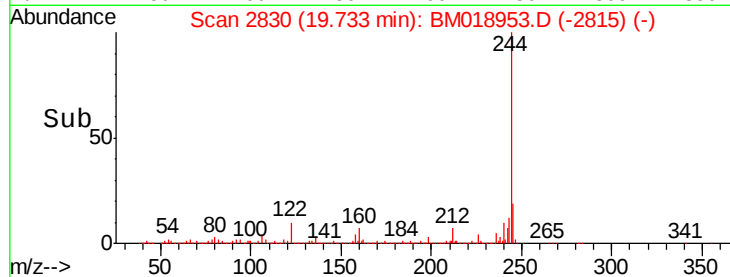
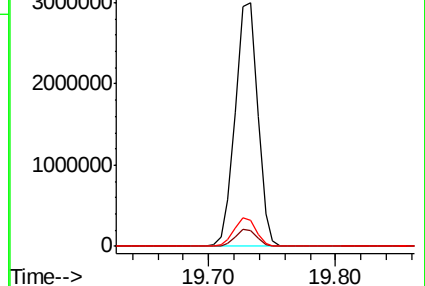
122 10.5 9.3 13.9



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: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018953.D

Acq: 27 Feb 2019 17:21

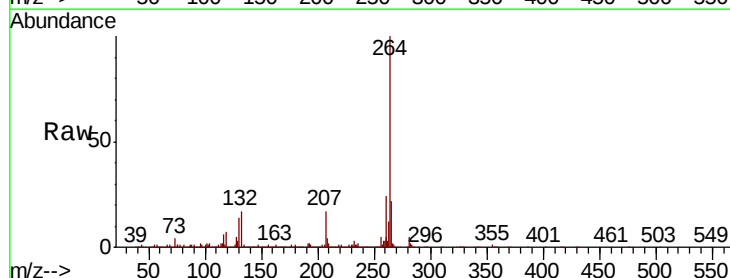
Tgt Ion:264 Resp: 1365654

Ion Ratio Lower Upper

264 100

260 23.6 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

