

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020918\
 Data File : BM014213.D
 Acq On : 09 Feb 2018 13:35
 Operator : SJ/JU
 Sample : J1506-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-20(14-16)

Quant Time: Feb 10 02:29:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

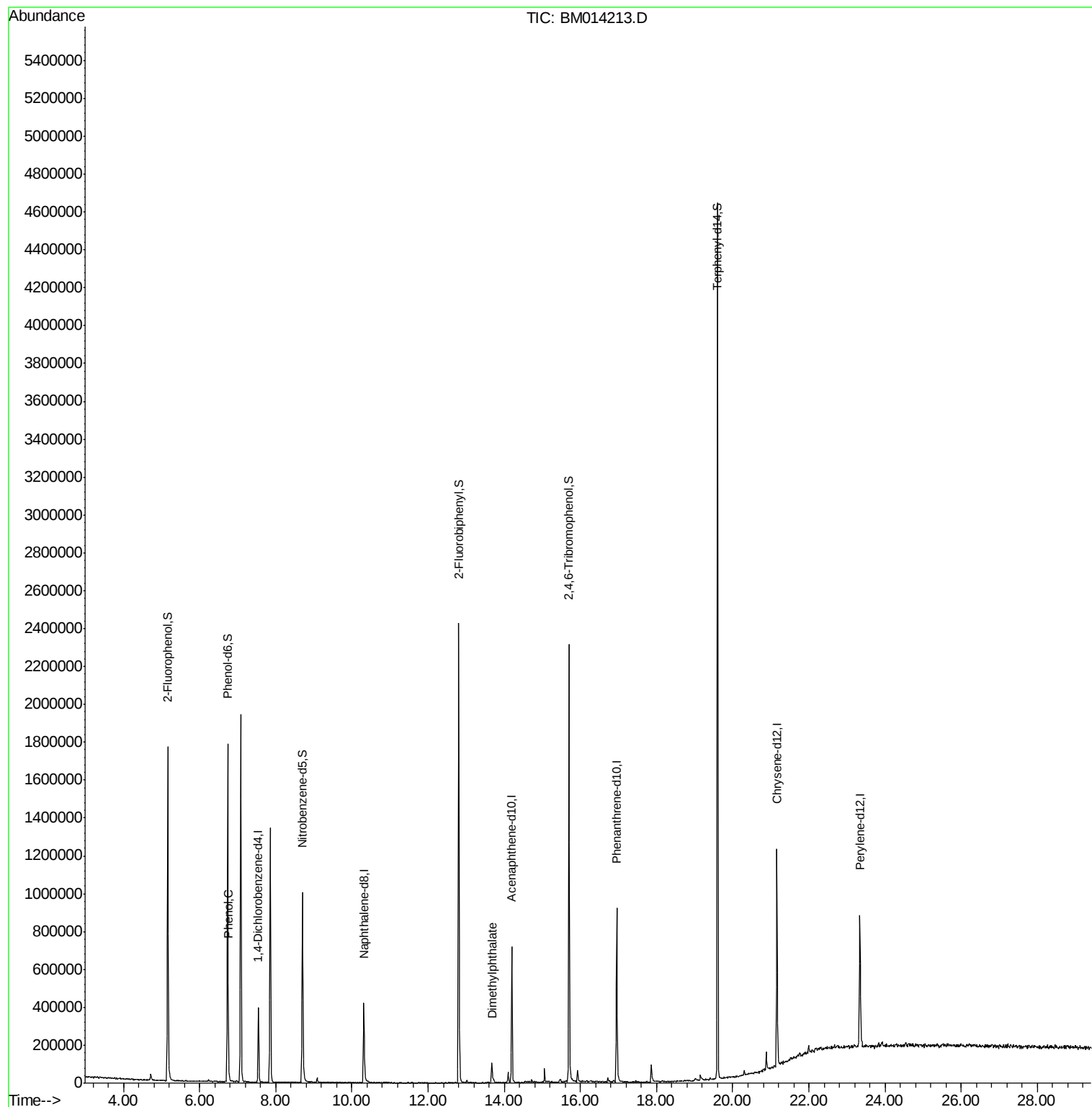
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	85831	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	317517	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	212605	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	510690	20.00	ng	0.00
75) Chrysene-d12	21.16	240	533364	20.00	ng	0.00
86) Perylene-d12	23.34	264	487055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	576890	117.15	ng	0.00
7) Phenol-d6	6.73	99	778302	111.60	ng	0.00
23) Nitrobenzene-d5	8.70	82	565233	79.52	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	297031	98.46	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1080120	63.42	ng	0.00
78) Terphenyl-d14	19.60	244	1823992	66.82	ng	0.00
Target Compounds						
10) Phenol	6.76	94	14713	2.137	ng	Qvalue # 52
49) Dimethylphthalate	13.67	163	65894	3.462	ng	# 94

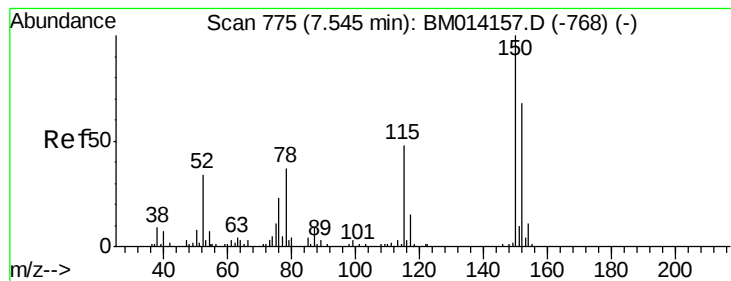
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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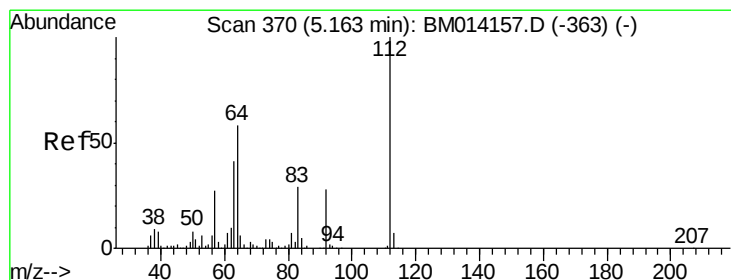
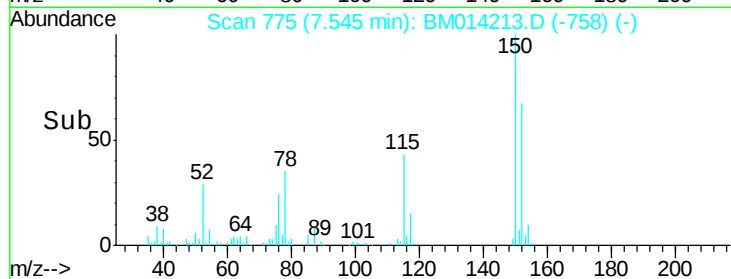
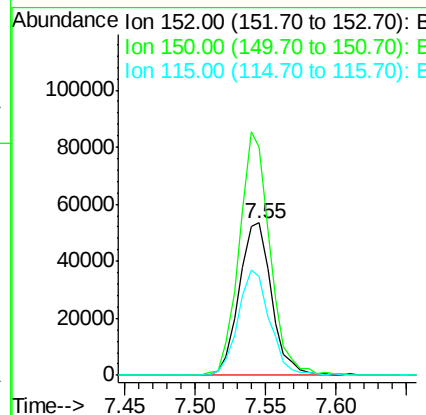
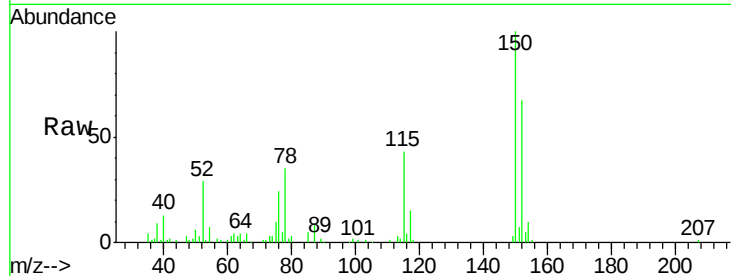


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM014213.D
Acq: 09 Feb 2018 13:35

Instrument :
BNA_M
ClientSampled :
B-20(14-16)

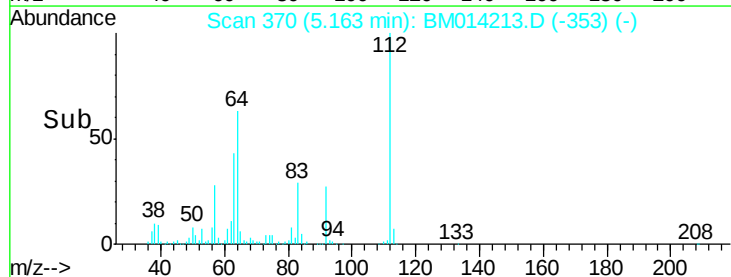
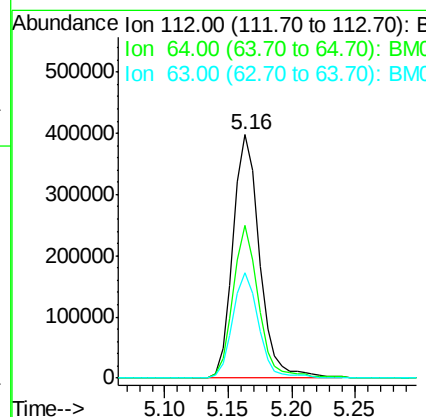
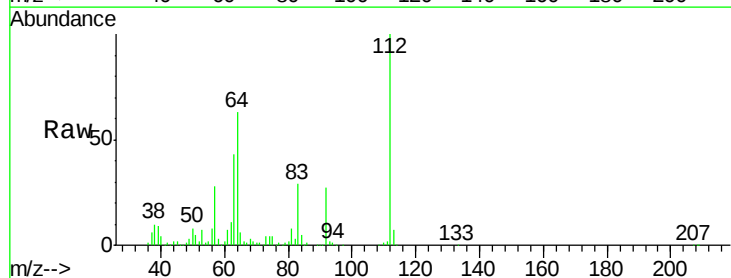
Tot Ion:152 Resp: 85831
Ion Ratio Lower Upper
152 100
150 150.1 119.5 179.3
115 64.6 43.0 64.4#

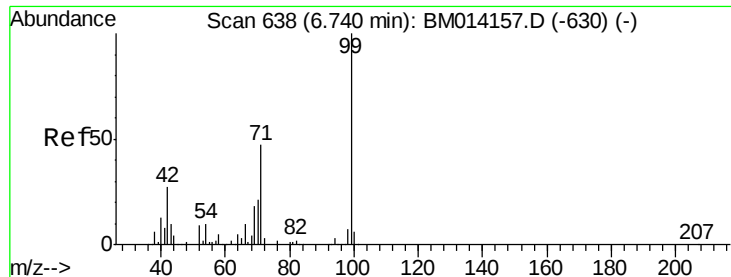


#5

2-Fluorophenol
Concen: 117.150 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014213.D
Acq: 09 Feb 2018 13:35

Tgt Ion:112 Resp: 576890
Ion Ratio Lower Upper
112 100
64 62.7 38.6 57.8#
63 43.1 19.3 28.9#





#7

Phenol-d6

Concen: 111.596 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014213.D

Acq: 09 Feb 2018 13:35

Instrument :

BNA_M

ClientSampleId :

B-20(14-16)

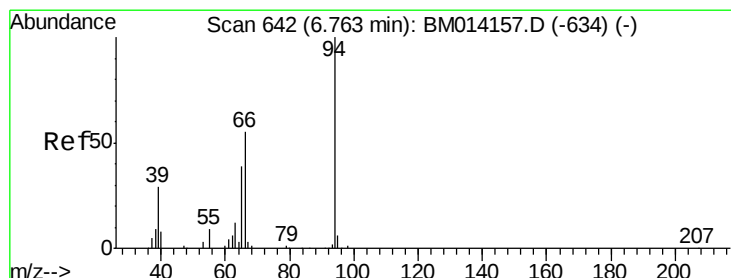
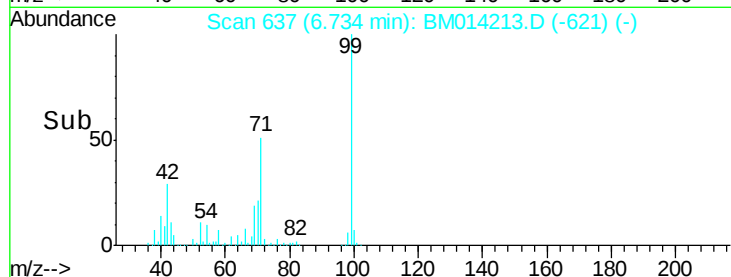
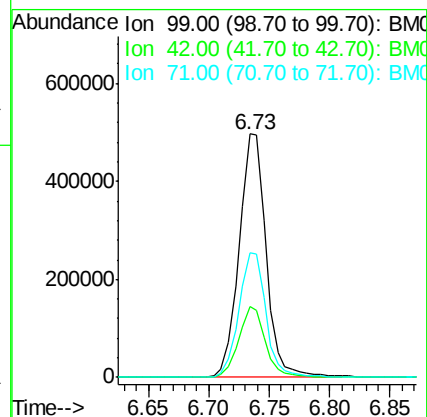
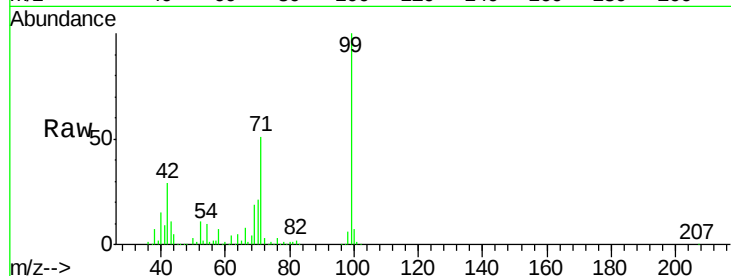
Tot Ion: 99 Resp: 778302

Ion Ratio Lower Upper

99 100

42 28.9 11.0 16.4#

71 51.3 23.4 35.2#



#10

Phenol

Concen: 2.137 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM014213.D

Acq: 09 Feb 2018 13:35

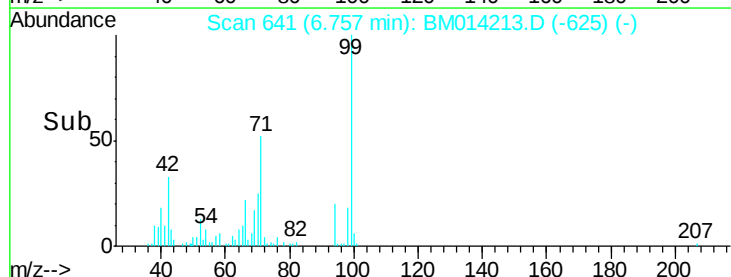
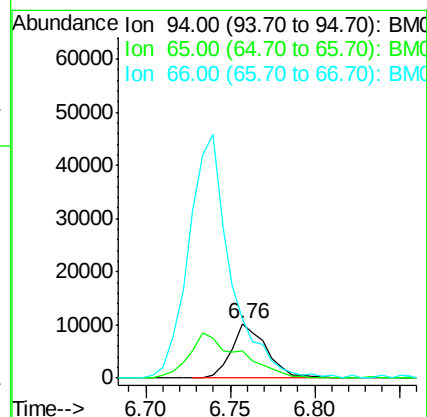
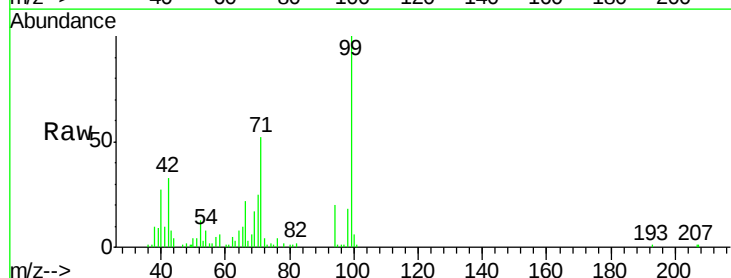
Tgt Ion: 94 Resp: 14713

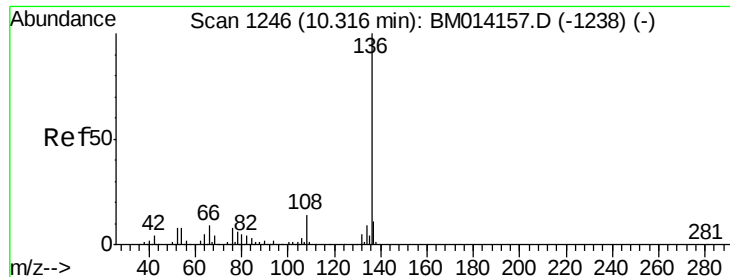
Ion Ratio Lower Upper

94 100

65 50.1 18.8 58.8

66 110.1 39.9 79.9#

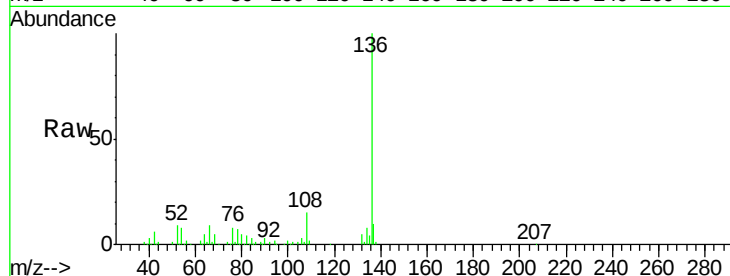




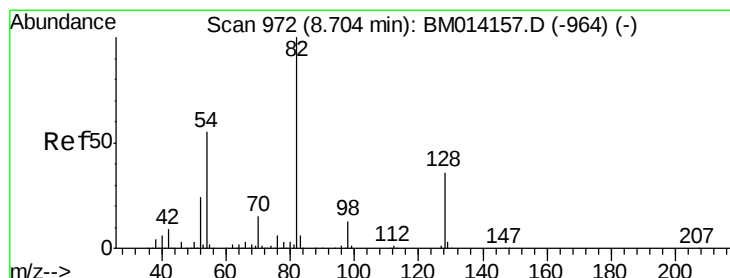
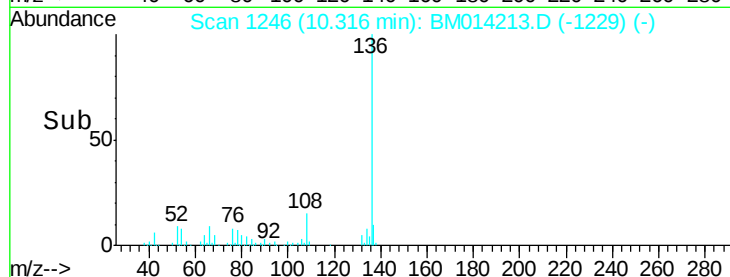
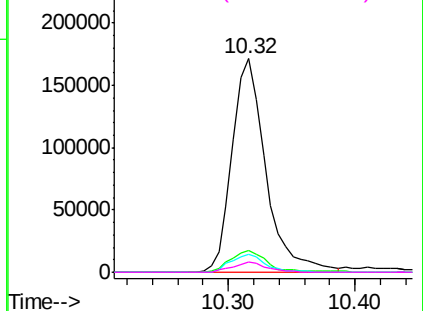
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM014213.D
Acq: 09 Feb 2018 13:35

Instrument :
BNA_M
ClientSampleId :
B-20(14-16)

Tot Ion:136	Resp:	317517
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.7 13.1
54	8.2	4.6 6.8#
68	4.8	3.7 5.5

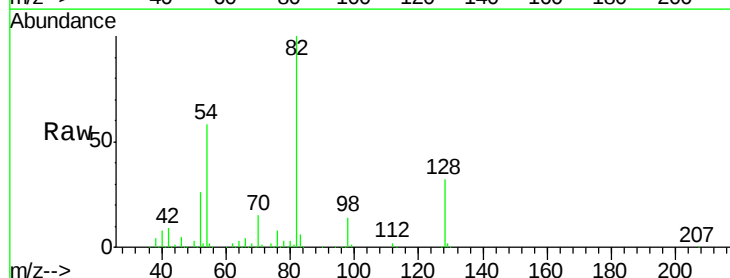


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

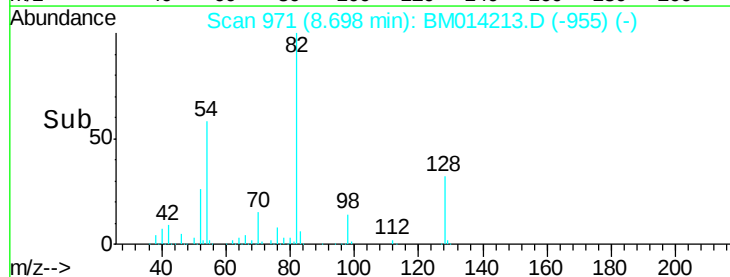
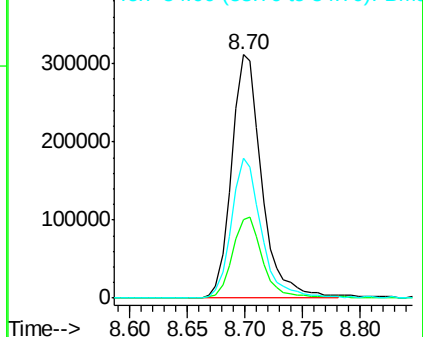


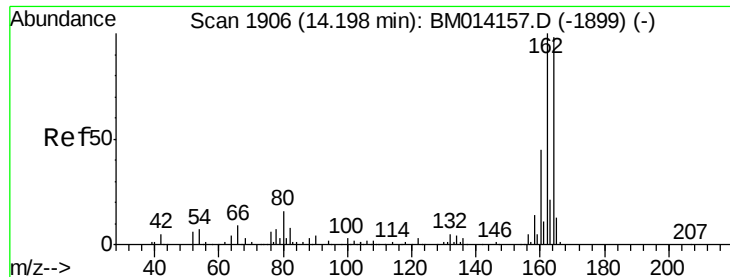
#23
Nitrobenzene-d5
Concen: 79.515 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014213.D
Acq: 09 Feb 2018 13:35

Tgt Ion: 82	Resp:	565233
Ion Ratio	Lower	Upper
82	100	
128	32.2	32.8 49.2#
54	57.6	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: 14.20 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM014213.D

Acq: 09 Feb 2018 13:35

Instrument :

BNA_M

ClientSampleId :

B-20(14-16)

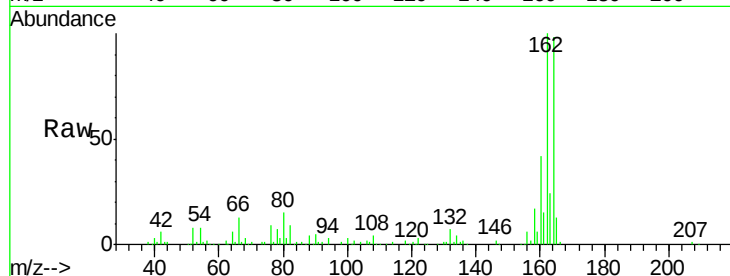
Tot Ion:164 Resp: 212605

Ion Ratio Lower Upper

164 100

162 101.7 82.4 123.6

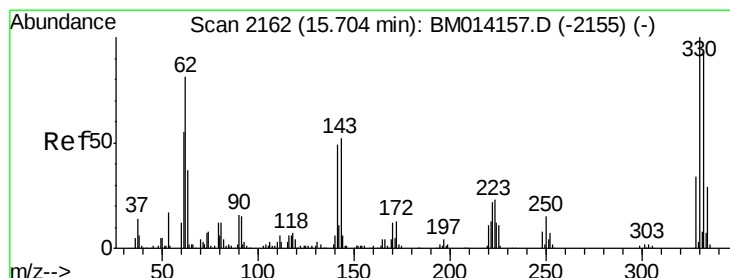
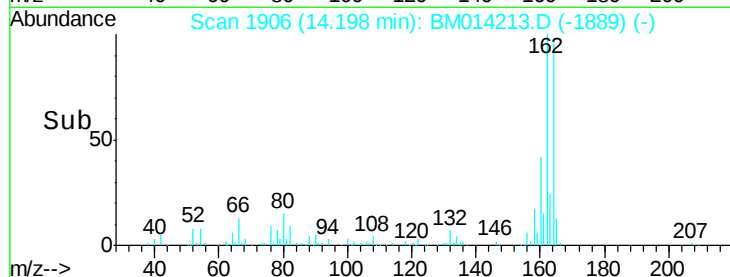
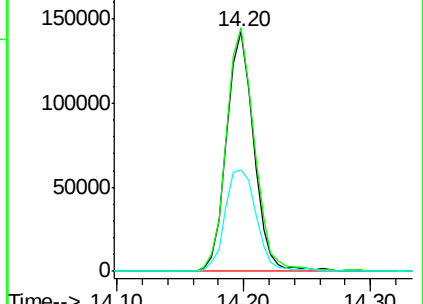
160 42.4 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 98.459 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM014213.D

Acq: 09 Feb 2018 13:35

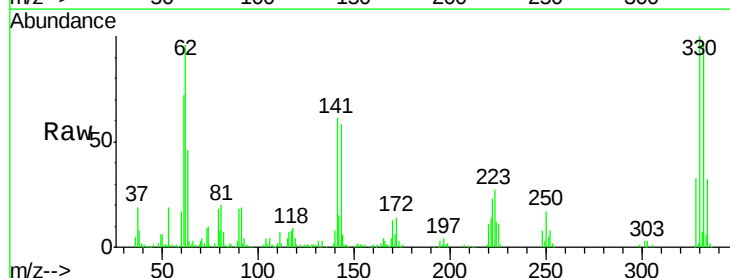
Tgt Ion:330 Resp: 297031

Ion Ratio Lower Upper

330 100

332 98.6 0.0 0.0#

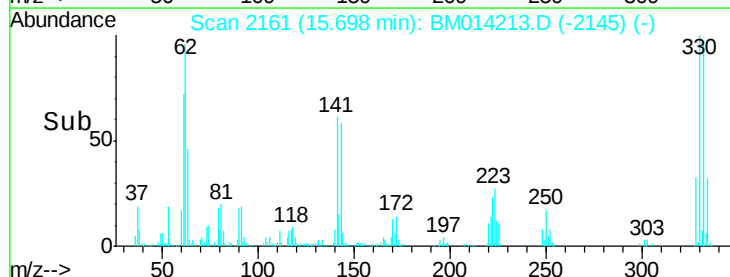
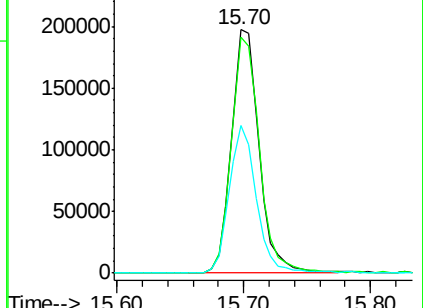
141 59.8 0.0 0.0#

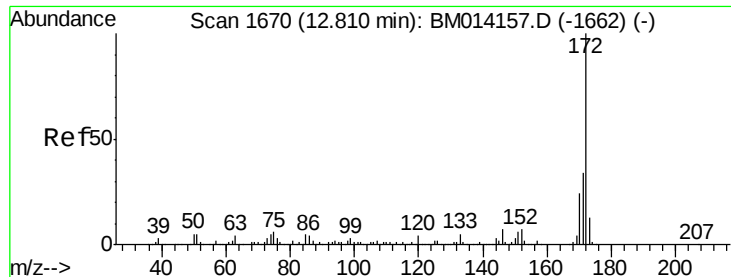


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

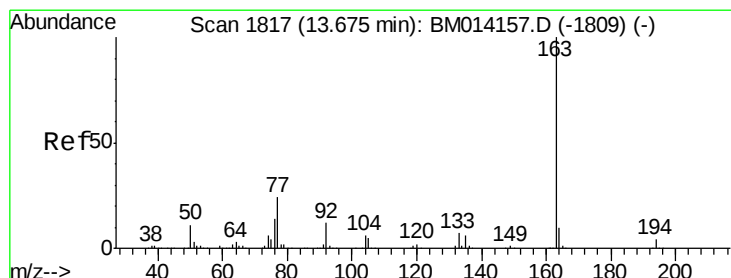
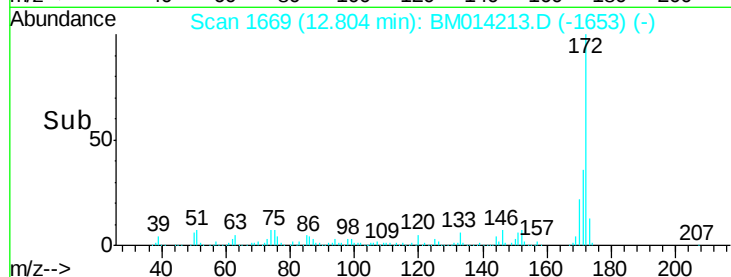
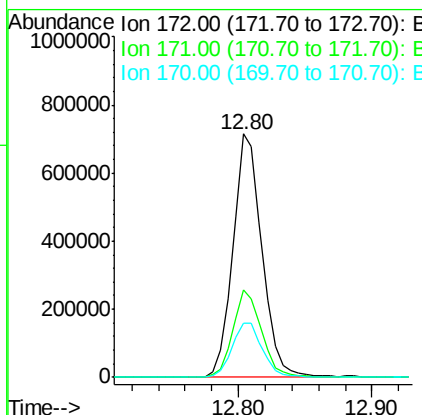
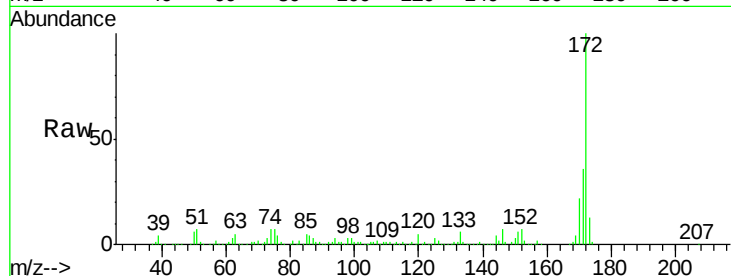




#44
2-Fluorobiphenyl
Concen: 63.419 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM014213.D
Acq: 09 Feb 2018 13:35

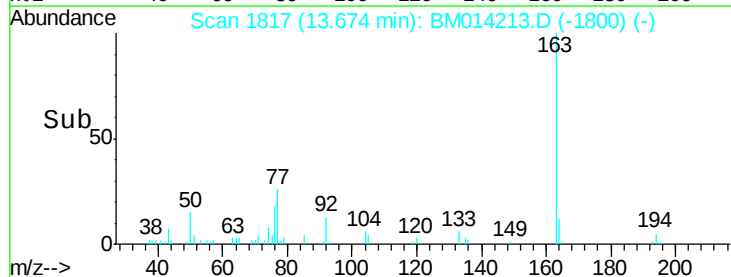
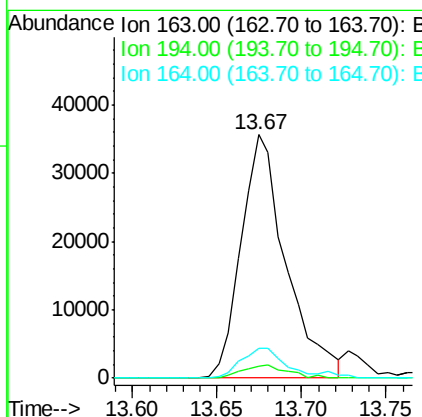
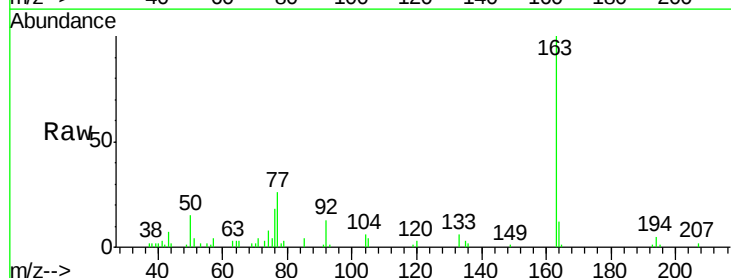
Instrument :
BNA_M
ClientSampleId :
B-20(14-16)

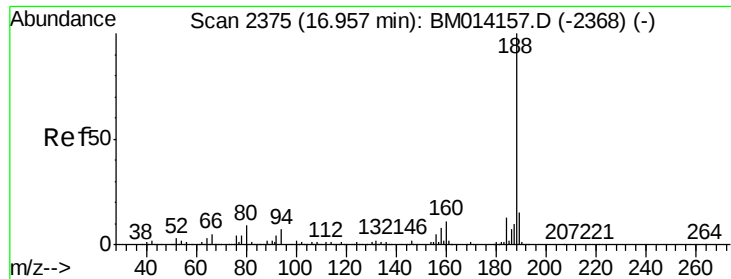
Tot Ion:172 Resp: 1080120
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 22.3 18.8 28.2



#49
Dimethylphthalate
Concen: 3.462 ng
RT: 13.67 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BM014213.D
Acq: 09 Feb 2018 13:35

Tgt Ion:163 Resp: 65894
Ion Ratio Lower Upper
163 100
194 5.1 2.7 4.1#
164 12.4 8.2 12.2#

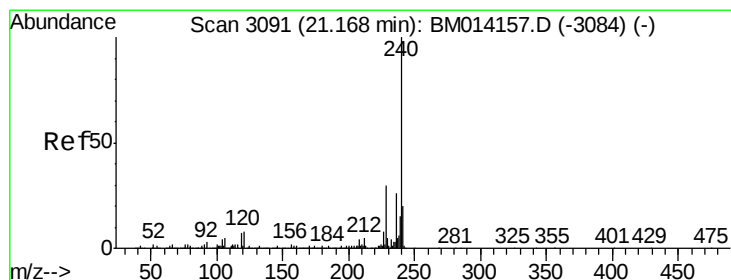
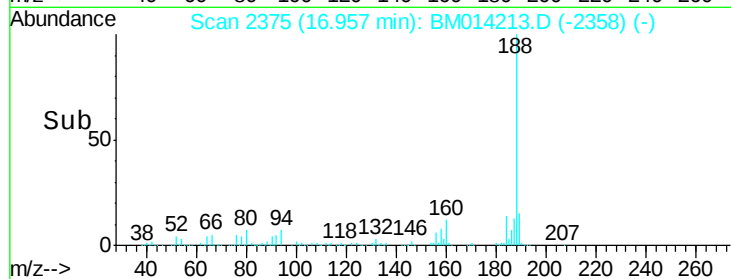
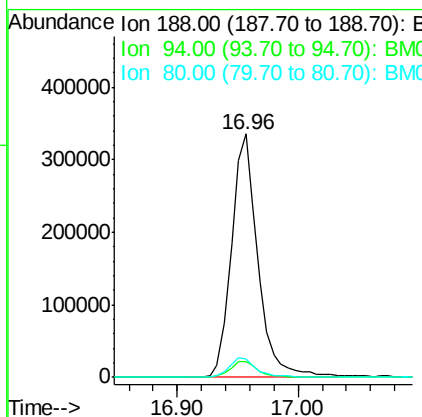
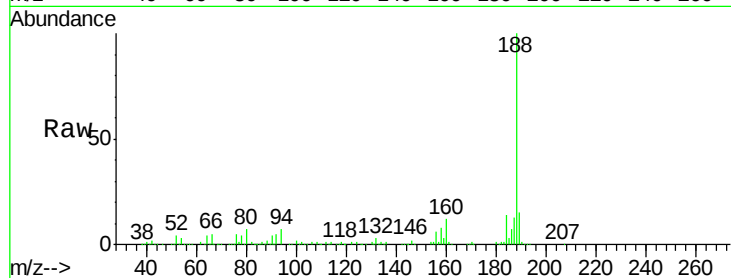




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014213.D
Acq: 09 Feb 2018 13:35

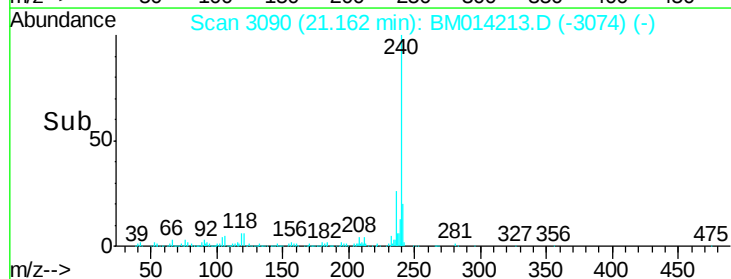
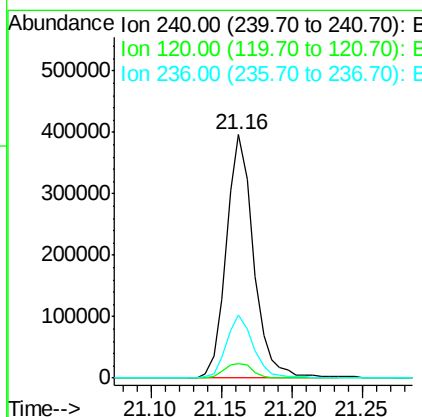
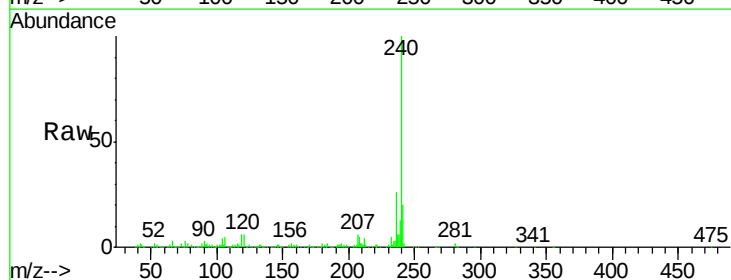
Instrument :
BNA_M
ClientSampleId :
B-20(14-16)

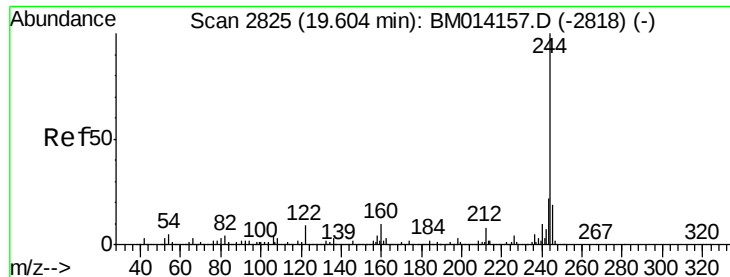
Tot Ion:188 Resp: 510690
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 7.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014213.D
Acq: 09 Feb 2018 13:35

Tgt Ion:240 Resp: 533364
Ion Ratio Lower Upper
240 100
120 5.9 8.2 12.2#
236 25.8 20.0 30.0





#78

Terphenyl-d14

Concen: 66.821 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014213.D

Acq: 09 Feb 2018 13:35

Instrument :

BNA_M

ClientSampleId :

B-20(14-16)

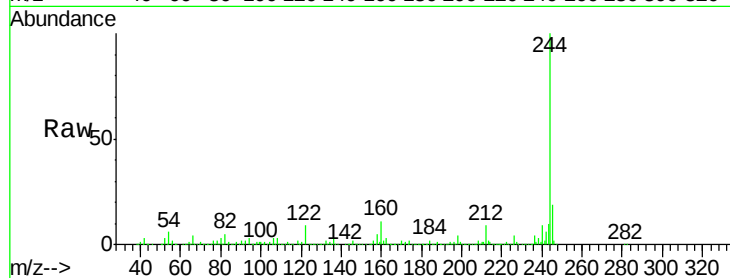
Tot Ion:244 Resp: 1823992

Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.9	7.3#
122	8.6	6.2	9.4

244 100

212 8.7 4.9 7.3#

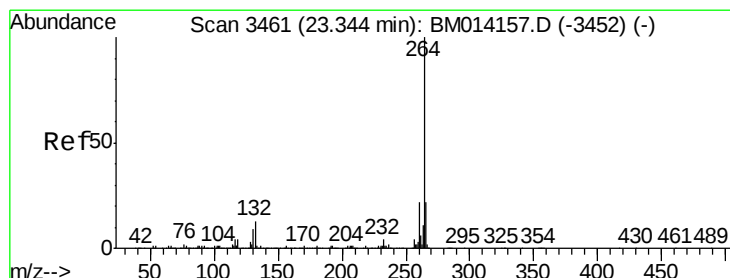
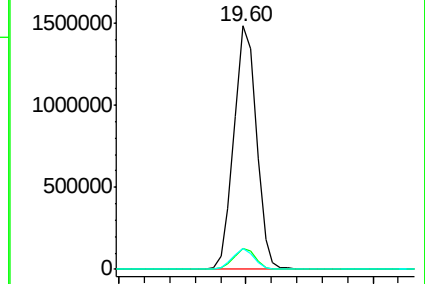
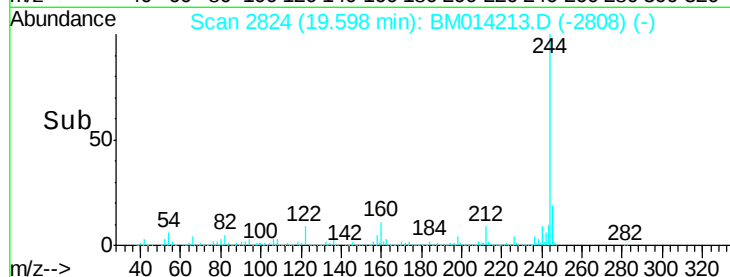
122 8.6 6.2 9.4



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: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM014213.D

Acq: 09 Feb 2018 13:35

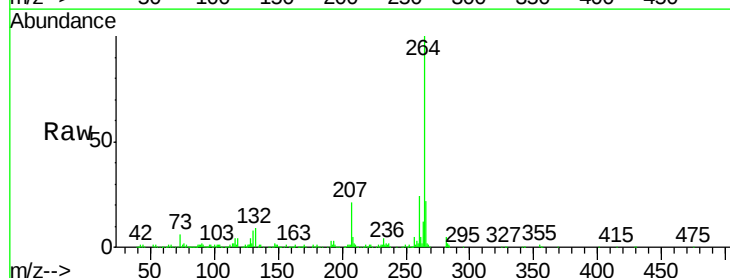
Tgt Ion:264 Resp: 487055

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.5	17.3	25.9

264 100

260 24.0 18.6 27.8

265 22.5 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

