

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
 Data File : BM003814.D
 Acq On : 25 Dec 2015 13:32
 Operator : UM/SJ
 Sample : G4956-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 W-43

Quant Time: Dec 25 22:58:43 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

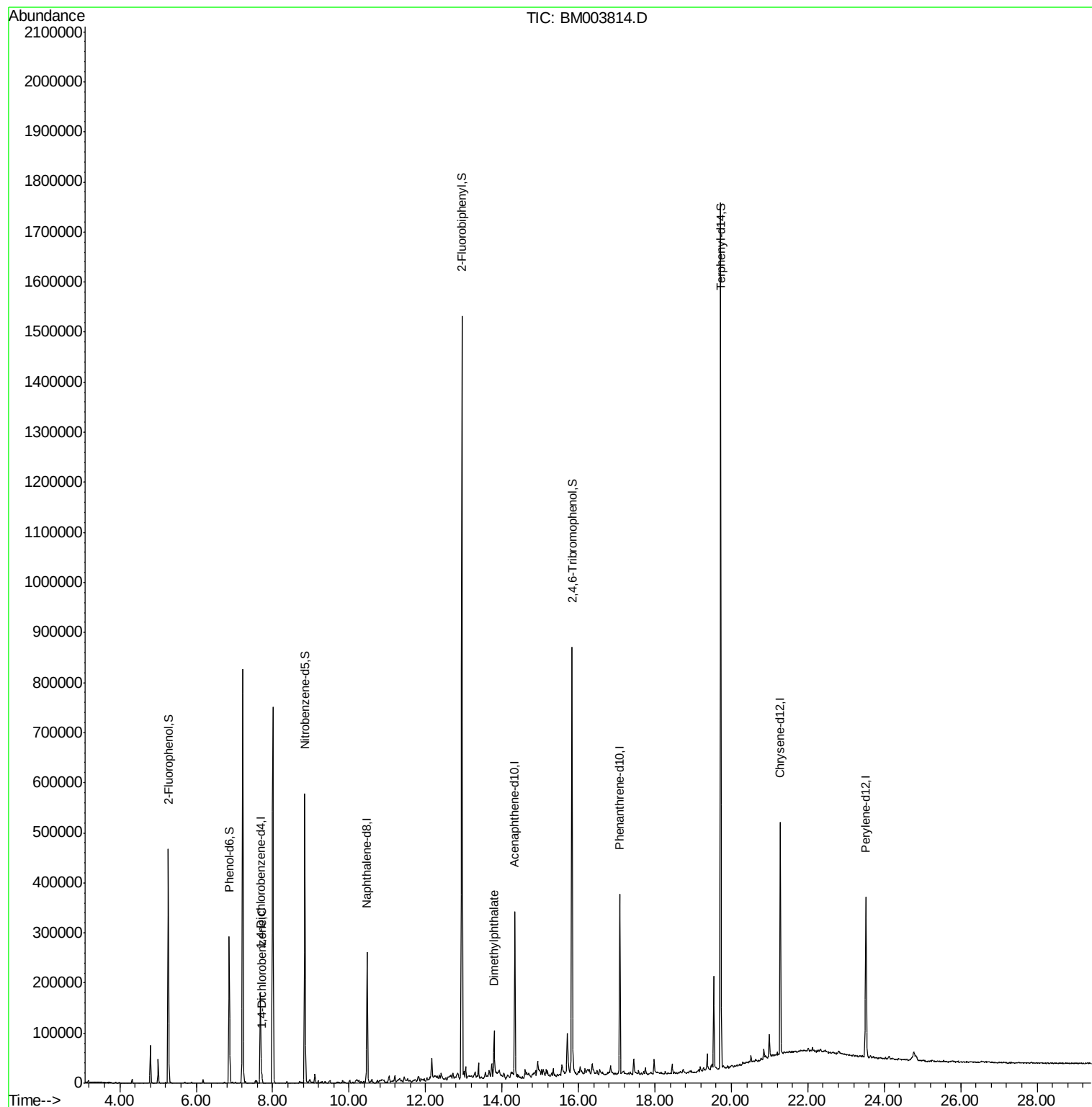
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	48926	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	210353	20.00	ng	-0.05
38) Acenaphthene-d10	14.33	164	108524	20.00	ng	-0.04
63) Phenanthrene-d10	17.08	188	203793	20.00	ng	-0.04
75) Chrysene-d12	21.28	240	212653	20.00	ng	-0.04
86) Perylene-d12	23.52	264	213258	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	211447	76.84	ng	-0.03
7) Phenol-d6	6.86	99	176902	46.29	ng	-0.03
23) Nitrobenzene-d5	8.84	82	354832	104.59	ng	-0.04
41) 2,4,6-Tribromophenol	15.83	330	148819	137.31	ng	-0.04
44) 2-Fluorobiphenyl	12.95	172	785302	98.59	ng	-0.04
78) Terphenyl-d14	19.72	244	702043	77.86	ng	-0.04
Target Compounds						
13) 1,4-Dichlorobenzene	7.72	146	8873	2.25	ng	96
49) Dimethylphthalate	13.79	163	59019	6.60	ng	99

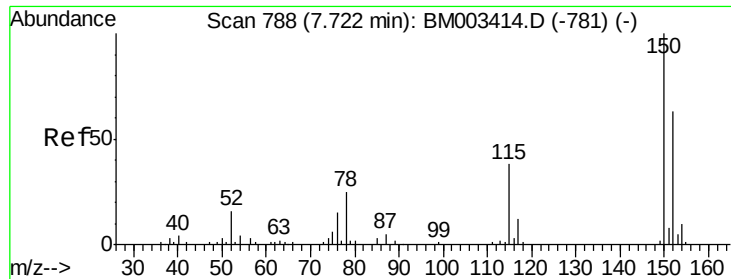
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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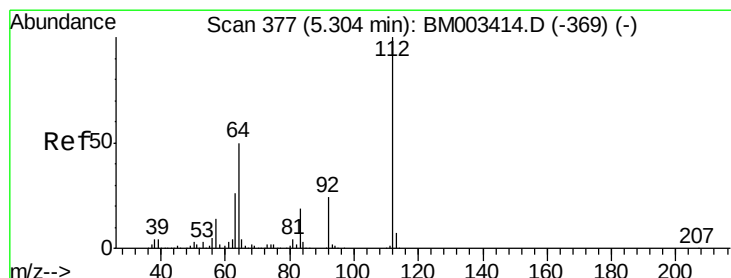
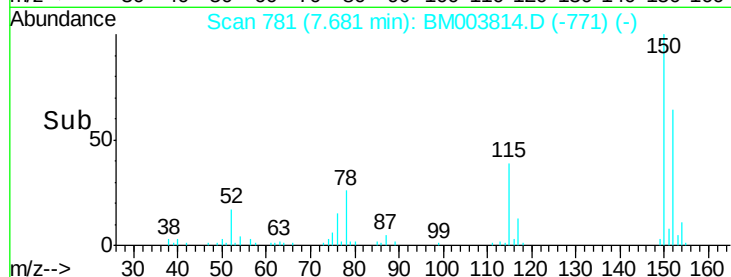
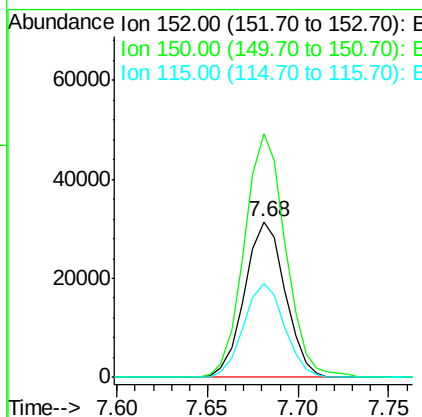
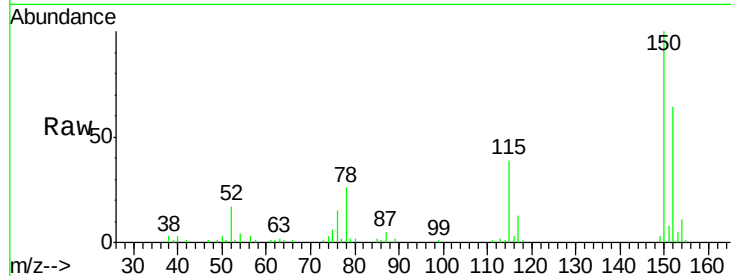


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

Instrument :
BNA_M
ClientSampleId :
W-43

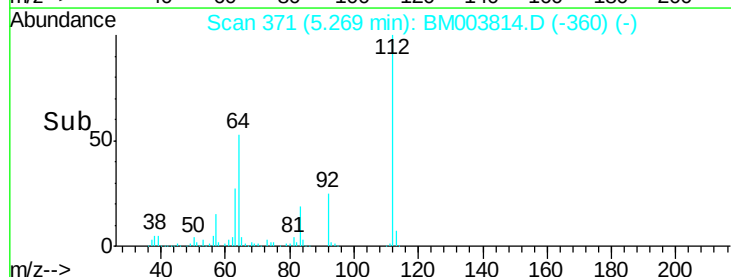
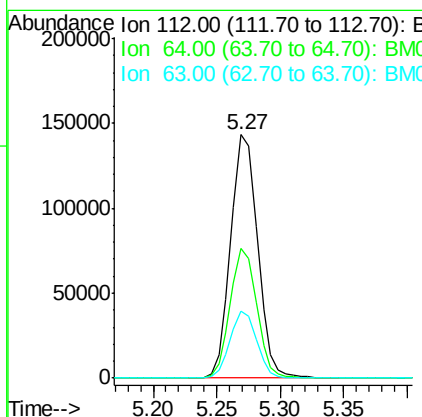
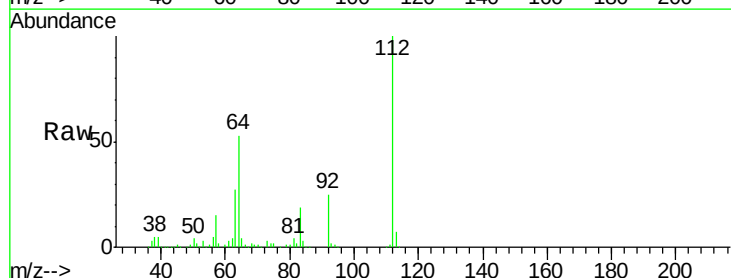
Tot Ion:152 Resp: 48926
Ion Ratio Lower Upper
152 100
150 156.3 119.5 179.3
115 60.4 43.0 64.4

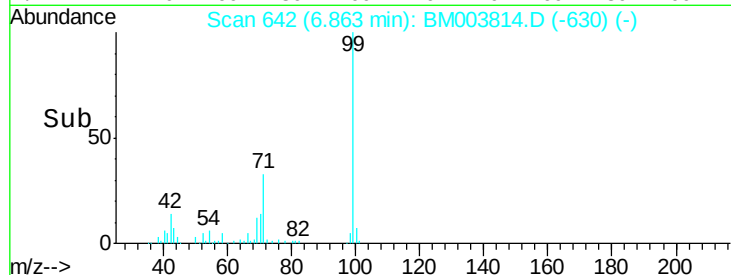
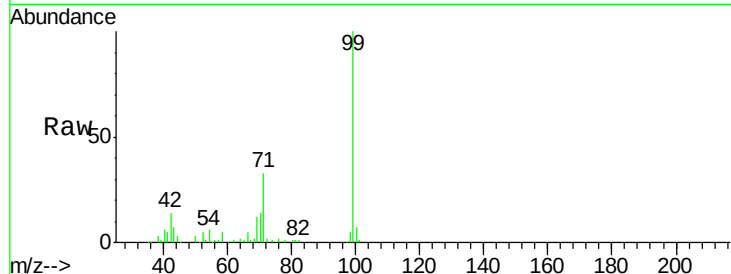
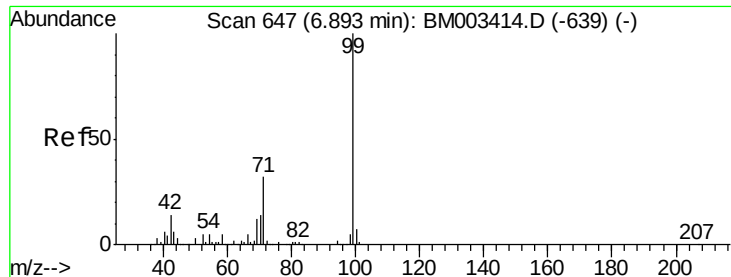


#5

2-Fluorophenol
Concen: 76.84 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.03 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

Tgt Ion:112 Resp: 211447
Ion Ratio Lower Upper
112 100
64 53.4 38.6 57.8
63 27.4 19.3 28.9

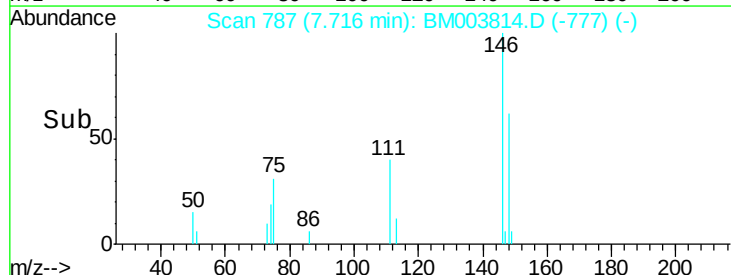
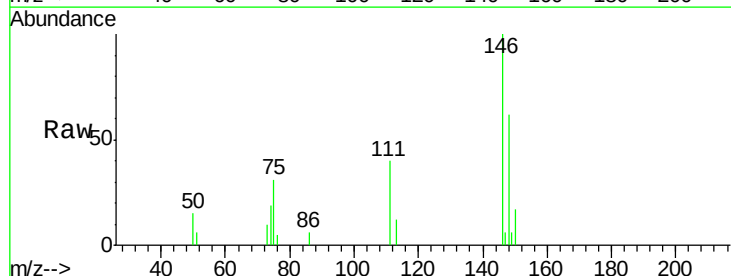
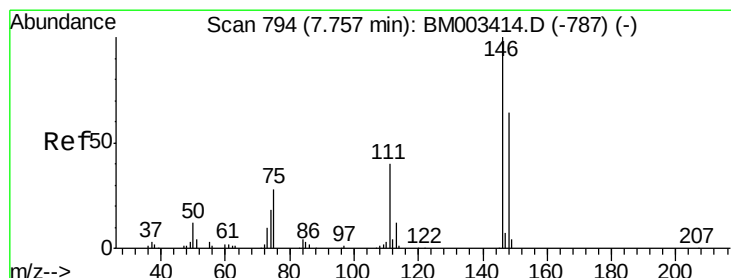
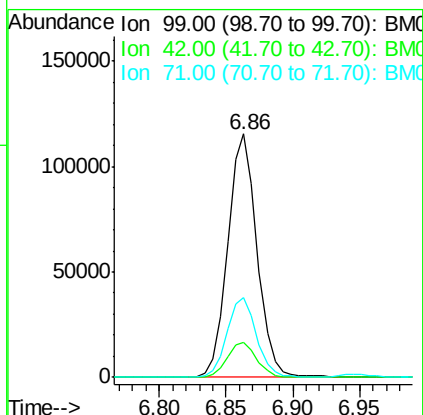




#7
Phenol-d6
Concen: 46.29 ng
RT: 6.86 min Scan# 642
Delta R.T. -0.03 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

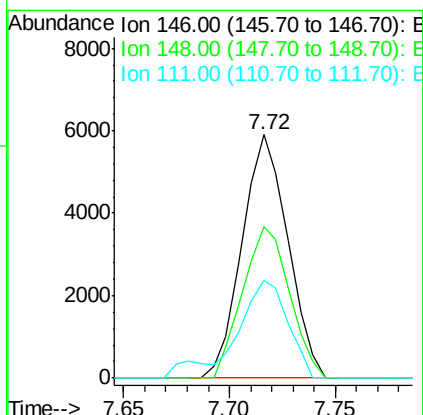
Instrument :
BNA_M
ClientSampleId :
W-43

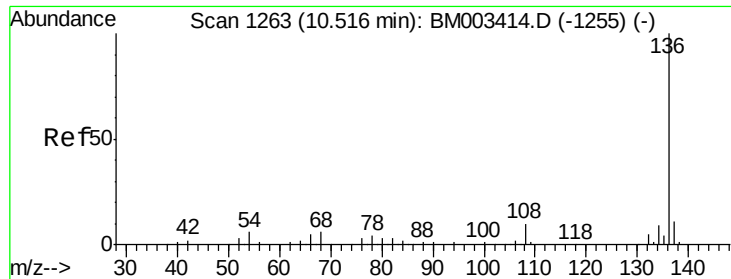
Tot Ion:	99	Resp:	176902
Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.4
71	32.7	23.4	35.2



#13
1,4-Dichlorobenzene
Concen: 2.25 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

Tgt Ion:	146	Resp:	8873
Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.9	77.9
111	39.9	29.2	43.8

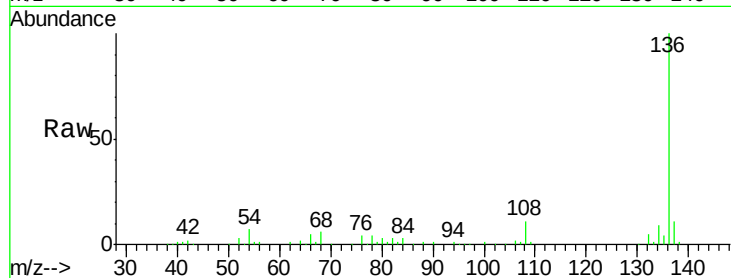




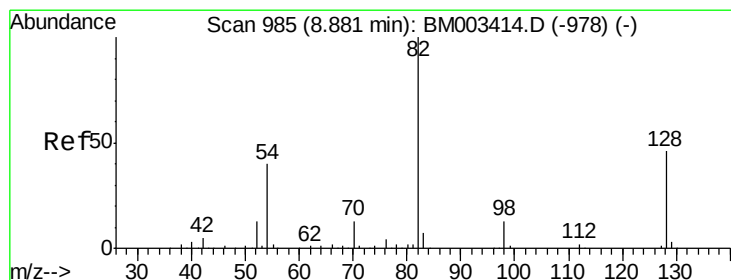
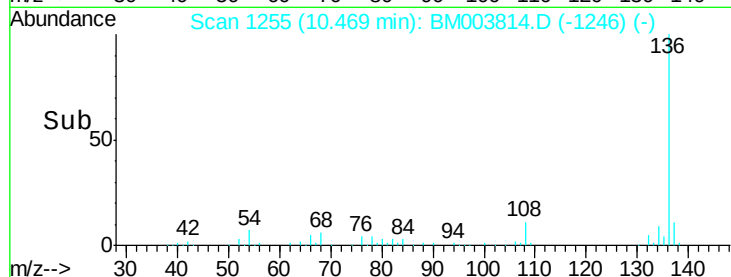
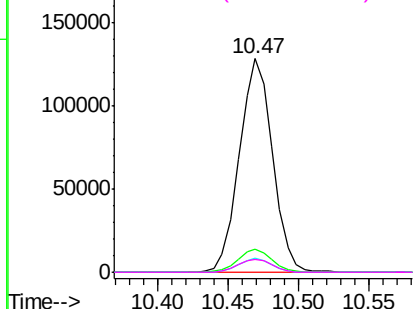
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

Instrument :
BNA_M
ClientSampleId :
W-43

Tot Ion:136	Resp:	210353
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	6.6	4.6 6.8
68	6.2	3.7 5.5#

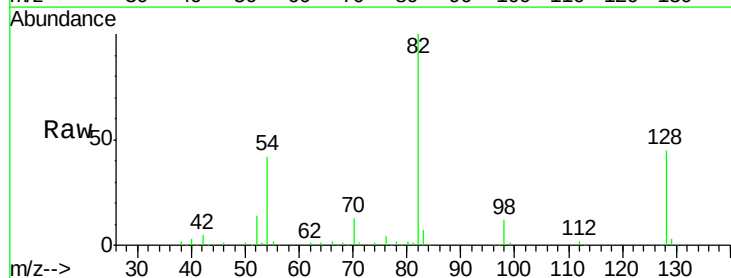


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

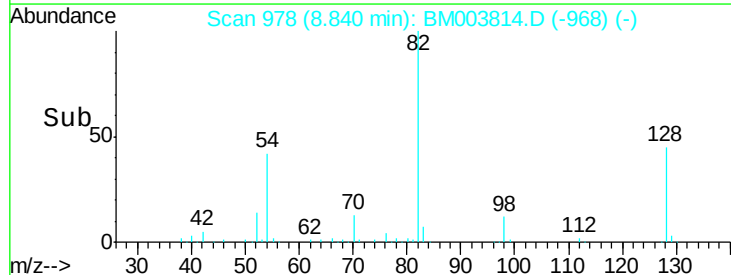
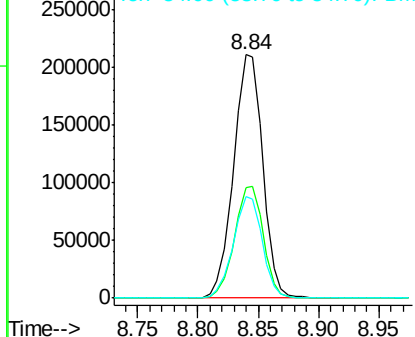


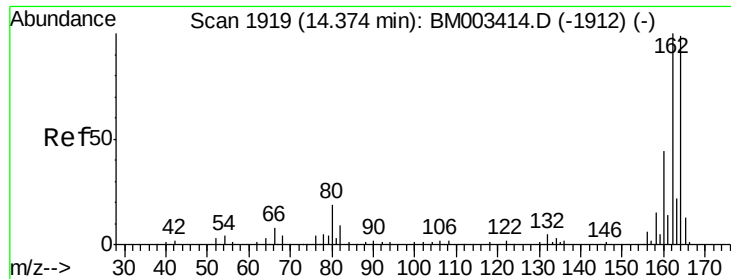
#23
Nitrobenzene-d5
Concen: 104.59 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

Tgt Ion: 82	Resp:	354832
Ion Ratio	Lower	Upper
82	100	
128	45.2	32.8 49.2
54	41.7	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: 20.00 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.04 min

Lab File: BM003814.D

Acq: 25 Dec 2015 13:32

Instrument :

BNA_M

ClientSampleId :

W-43

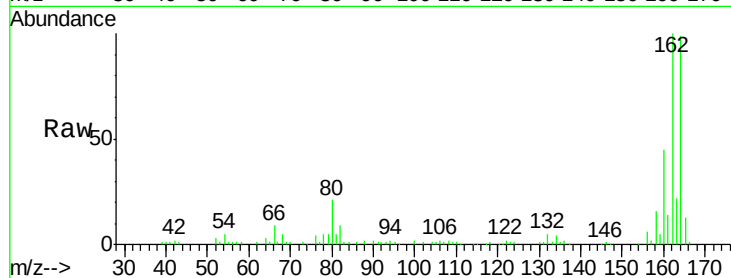
Tot Ion:164 Resp: 108524

Ion Ratio Lower Upper

164 100

162 100.9 82.4 123.6

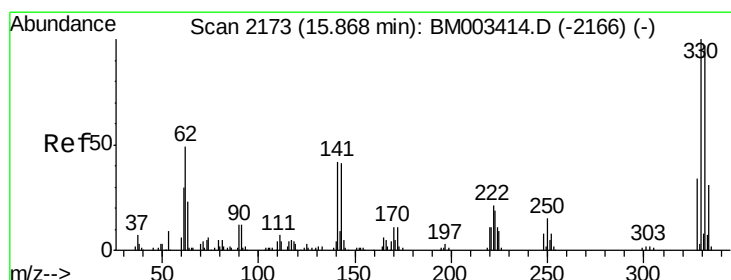
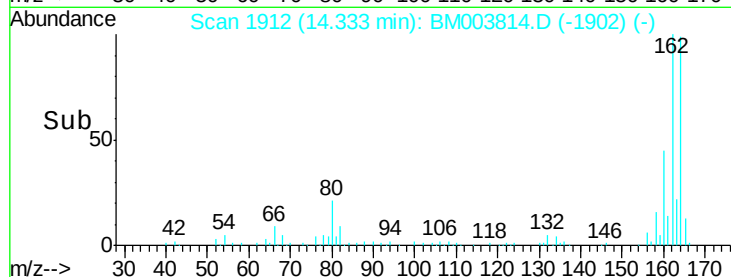
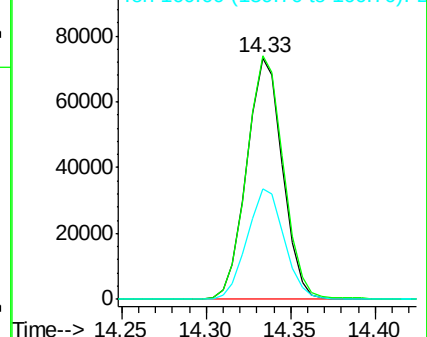
160 45.7 35.8 53.6



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: 137.31 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BM003814.D

Acq: 25 Dec 2015 13:32

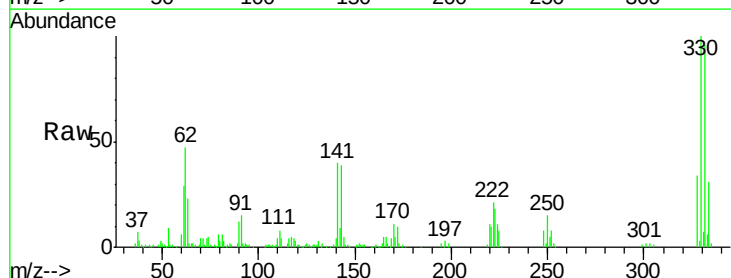
Tgt Ion:330 Resp: 148819

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

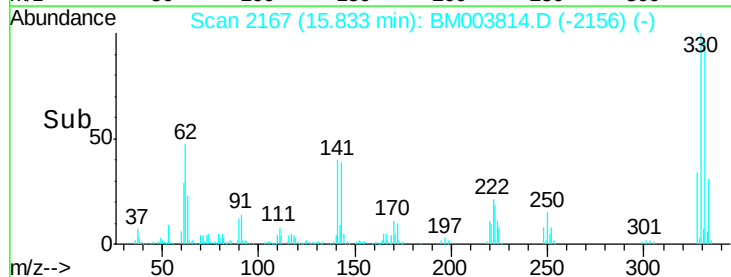
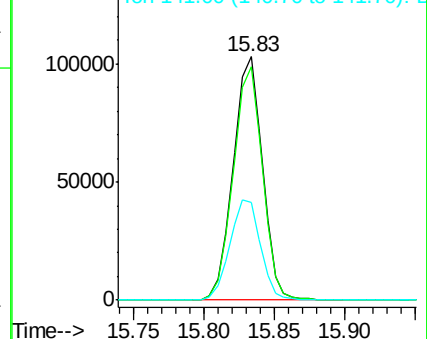
141 43.2 0.0 0.0#

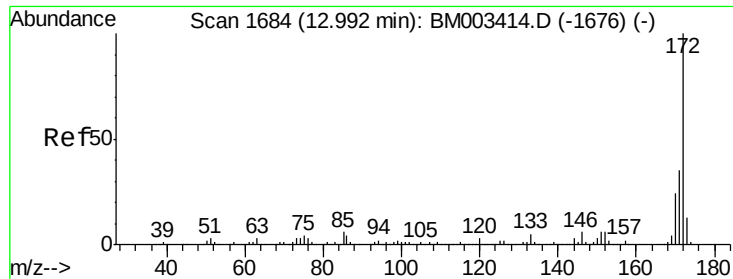


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

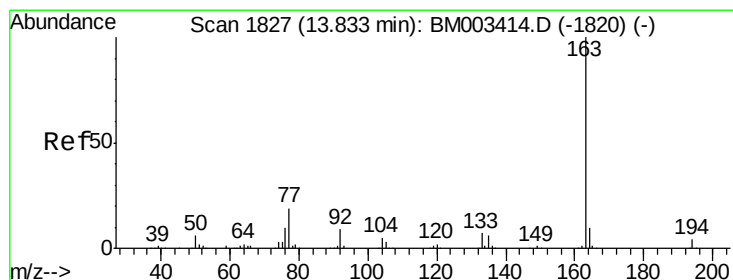
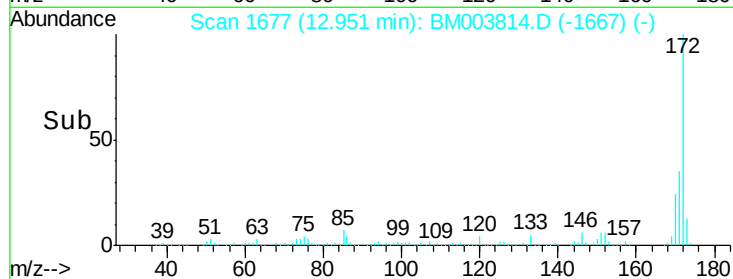
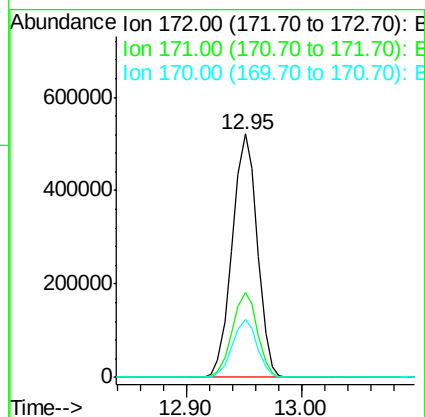
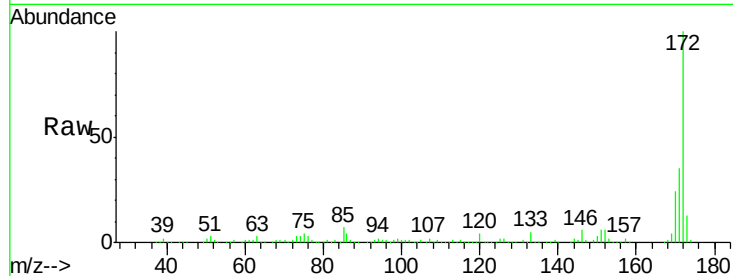




#44
2-Fluorobiphenyl
Concen: 98.59 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.04 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

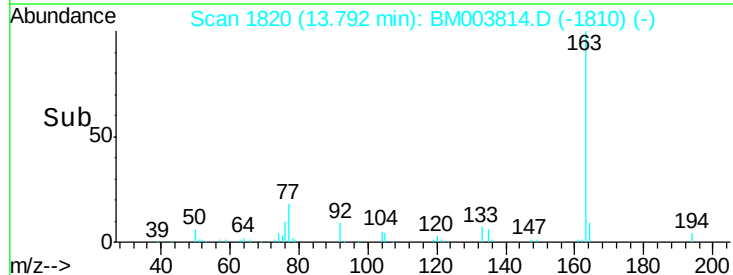
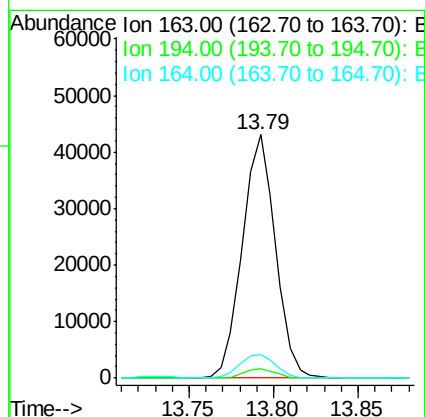
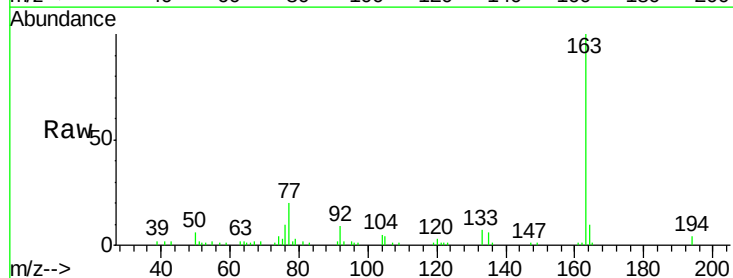
Instrument :
BNA_M
ClientSampleId :
W-43

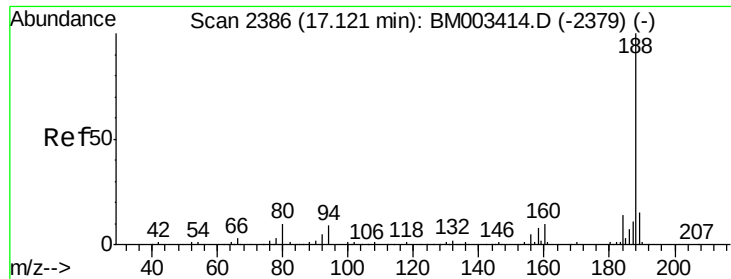
Tot Ion:172 Resp: 785302
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.7 18.8 28.2



#49
Dimethylphthalate
Concen: 6.60 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.04 min
Lab File: BM003814.D
Acq: 25 Dec 2015 13:32

Tgt Ion:163 Resp: 59019
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2379

Delta R.T. -0.04 min

Lab File: BM003814.D

Acq: 25 Dec 2015 13:32

Instrument :

BNA_M

ClientSampleId :

W-43

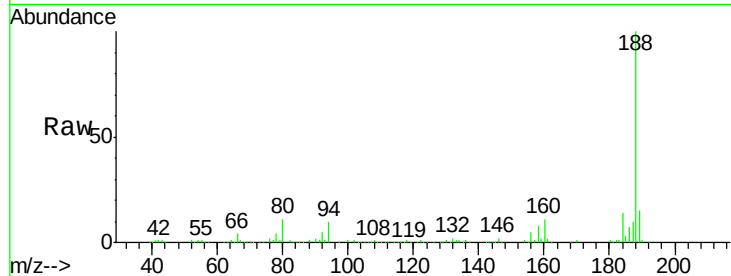
Tot Ion:188 Resp: 203793

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

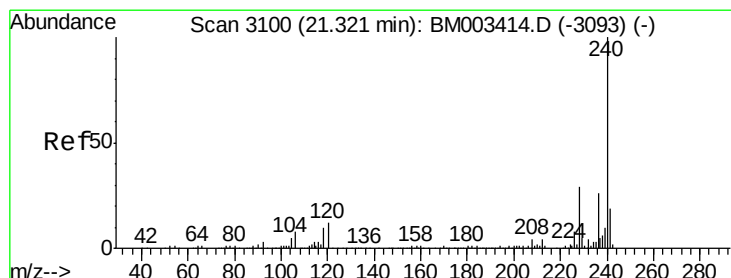
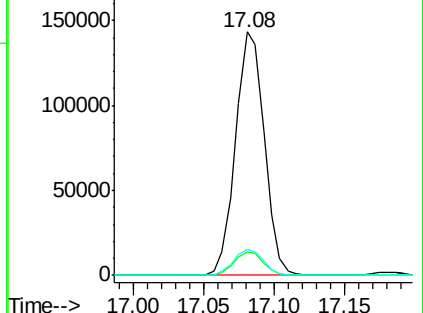
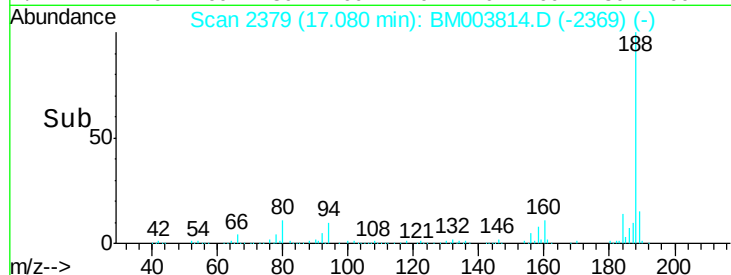
80 10.9 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.04 min

Lab File: BM003814.D

Acq: 25 Dec 2015 13:32

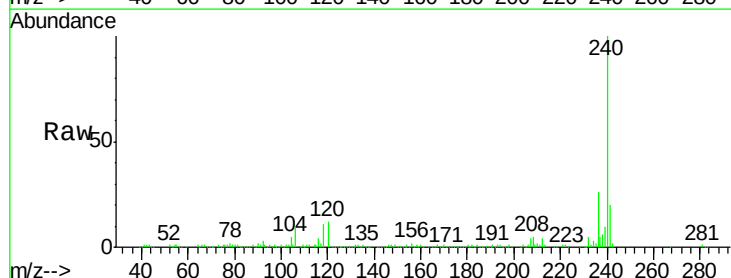
Tgt Ion:240 Resp: 212653

Ion Ratio Lower Upper

240 100

120 12.5 8.2 12.2#

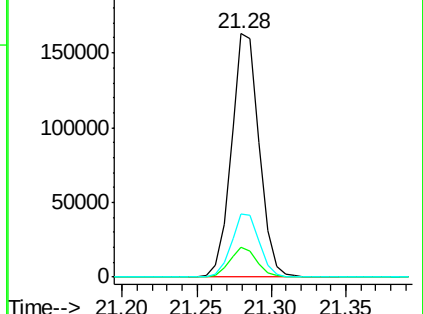
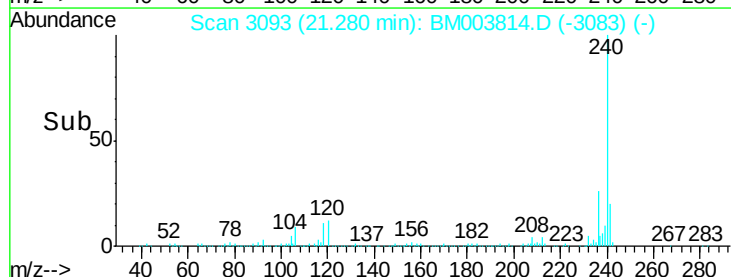
236 26.0 20.0 30.0

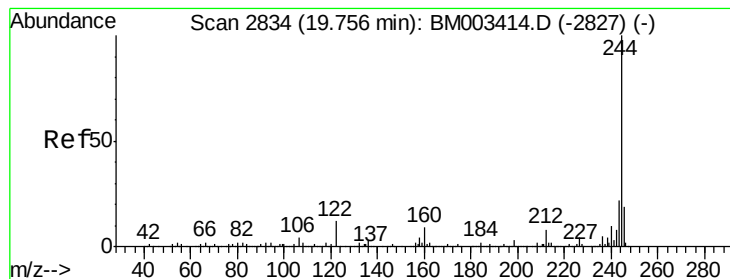


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.86 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM003814.D

Acq: 25 Dec 2015 13:32

Instrument :

BNA_M

ClientSampleId :

W-43

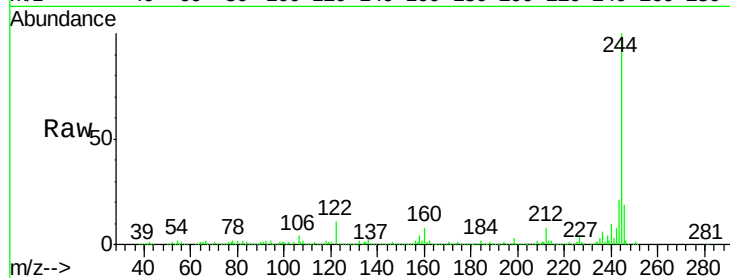
Tot Ion:244 Resp: 702043

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

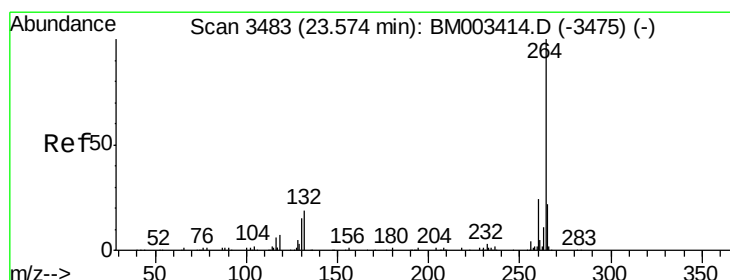
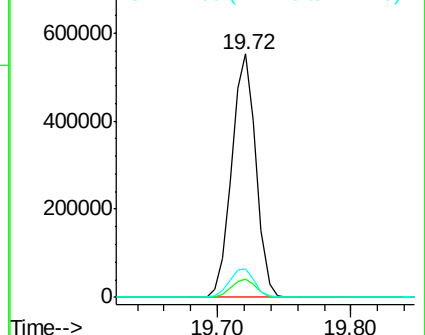
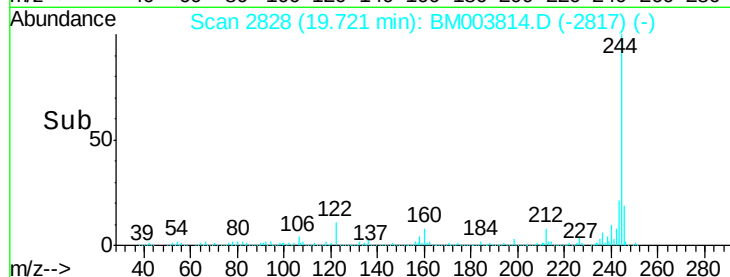
122 11.5 6.2 9.4#



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: 20.00 ng

RT: 23.52 min Scan# 3474

Delta R.T. -0.05 min

Lab File: BM003814.D

Acq: 25 Dec 2015 13:32

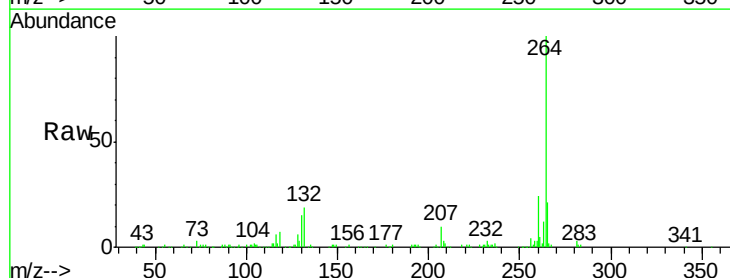
Tgt Ion:264 Resp: 213258

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.4 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

