

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083117\
 Data File : BM011404.D
 Acq On : 01 Sep 2017 10:48
 Operator : SJ/JU
 Sample : I5027-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-082917

Quant Time: Sep 01 11:25:40 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

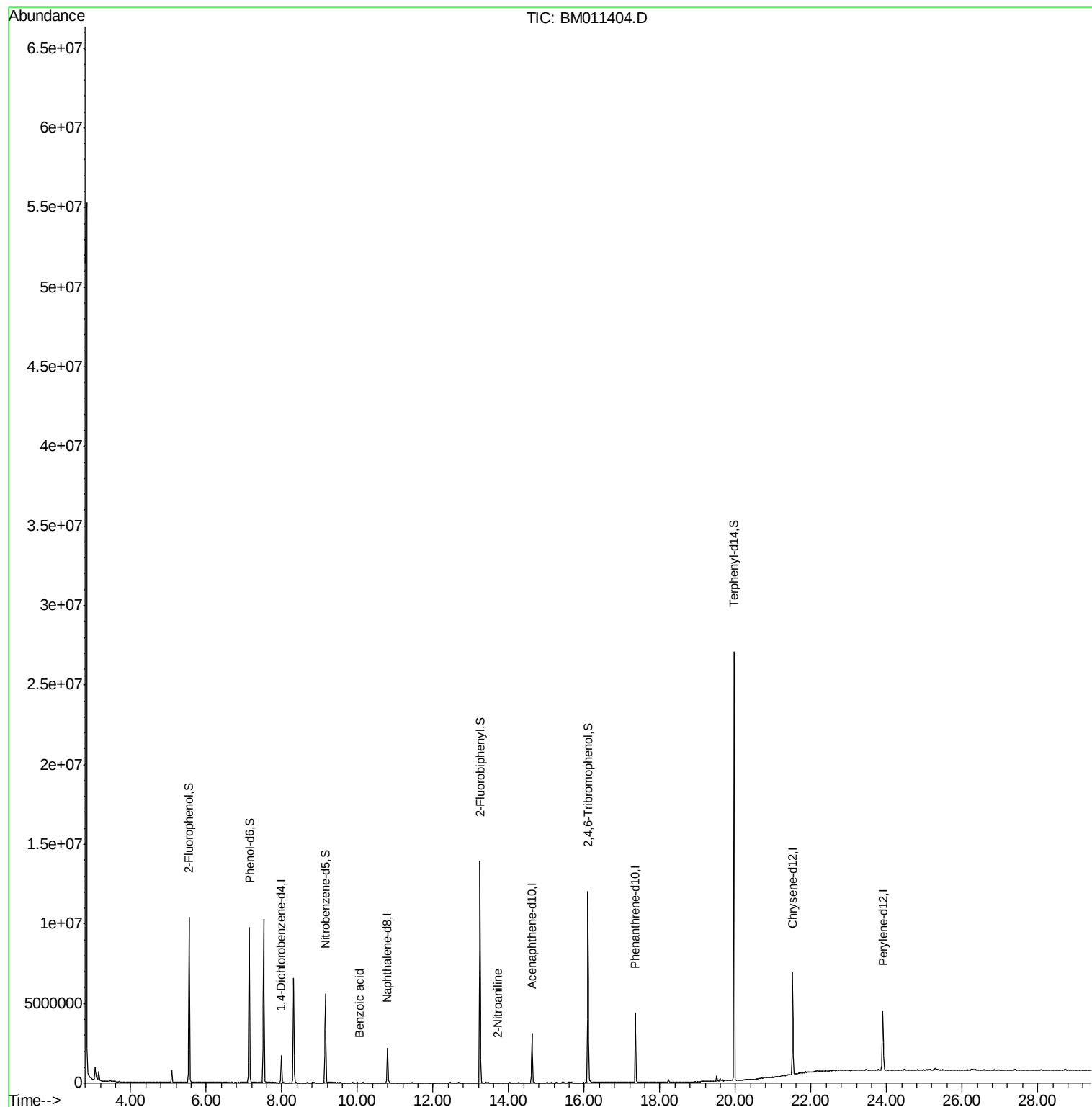
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	447549	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	1837890	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	1025398	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2407972	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2985291	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2773000	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	4078830	153.41	ng	0.00
7) Phenol-d6	7.14	99	5208588	141.28	ng	0.00
23) Nitrobenzene-d5	9.15	82	2908429	104.28	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1937044	163.28	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	6962553	97.88	ng	0.00
78) Terphenyl-d14	19.97	244	11232682	93.36	ng	0.00
Target Compounds						
32) Benzoic acid	10.06	122	288	6.553	ng	Qvalue # 18
47) 2-Nitroaniline	13.72	65	143	5.443	ng	# 1

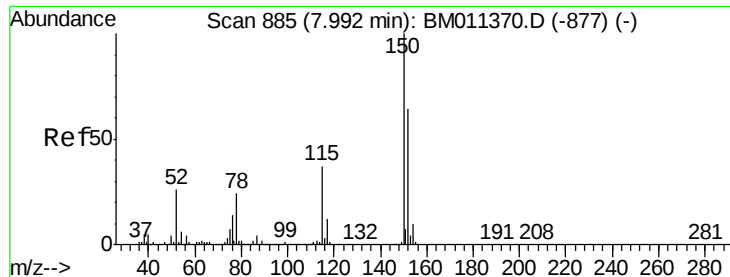
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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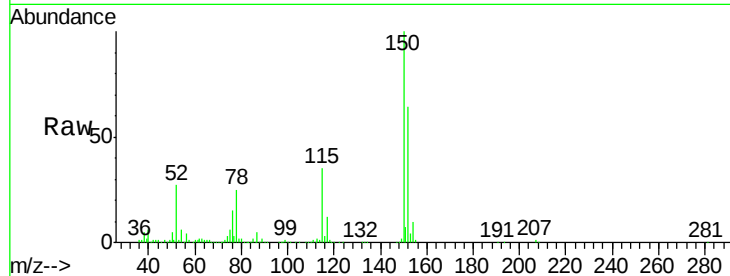


#1

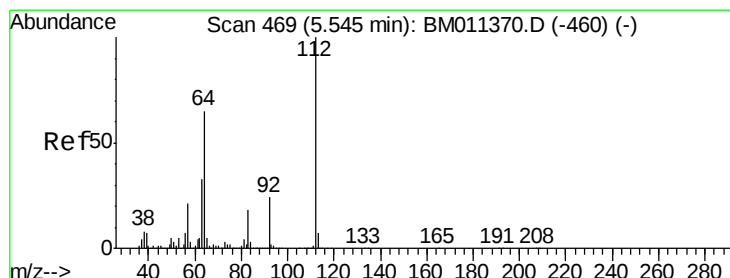
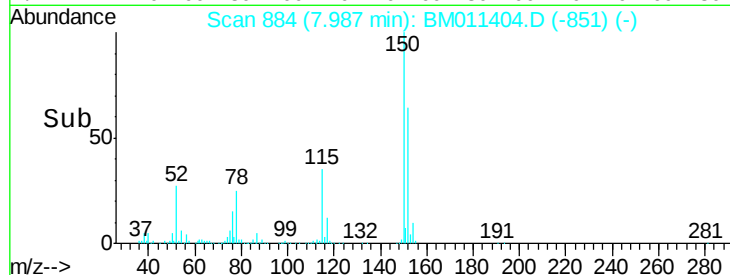
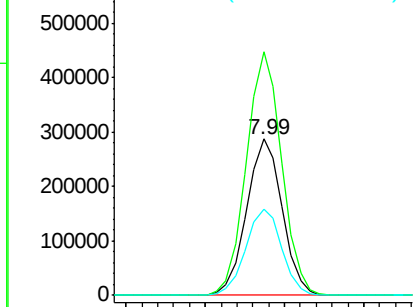
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011404.D
Acq: 01 Sep 2017 10:48

Instrument :
BNA_M
ClientSampleId :
SU-02-082917

Tgt Ion	Resp	Lower	Upper
152	447549		
150	155.9	119.5	179.3
115	55.0	43.0	64.4



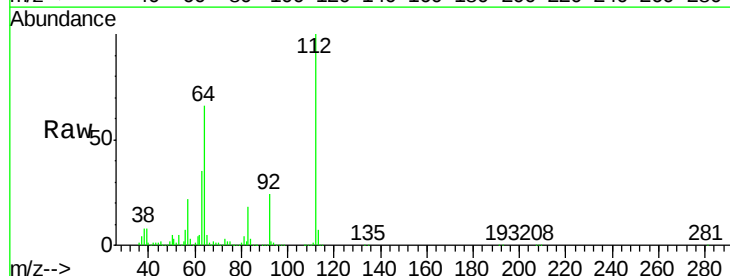
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



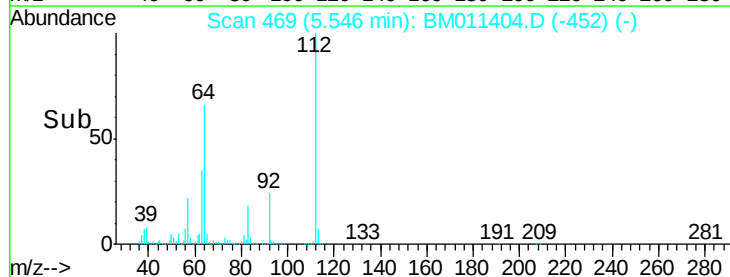
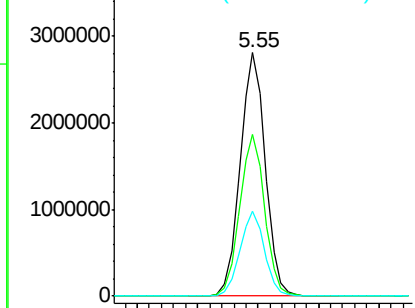
#5

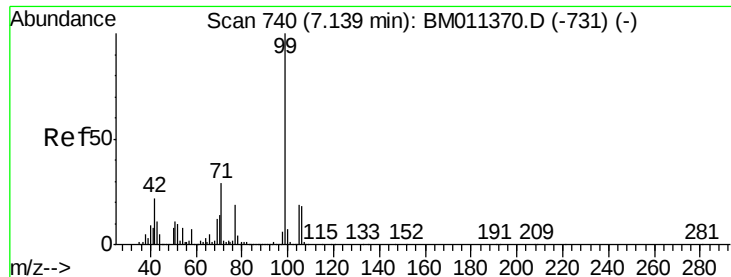
2-Fluorophenol
Concen: 153.409 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011404.D
Acq: 01 Sep 2017 10:48

Tgt Ion	Resp	Lower	Upper
112	4078830		
64	66.3	38.6	57.8#
63	34.7	19.3	28.9#



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: 141.279 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011404.D

Acq: 01 Sep 2017 10:48

Instrument :

BNA_M

ClientSampleId :

SU-02-082917

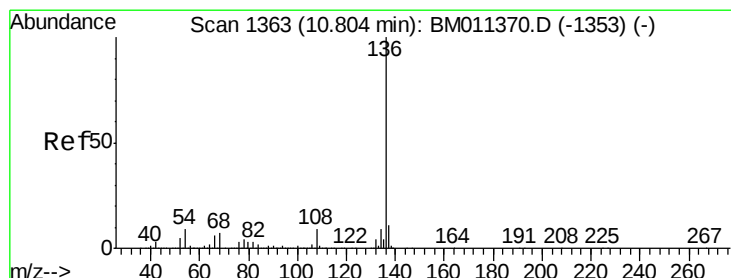
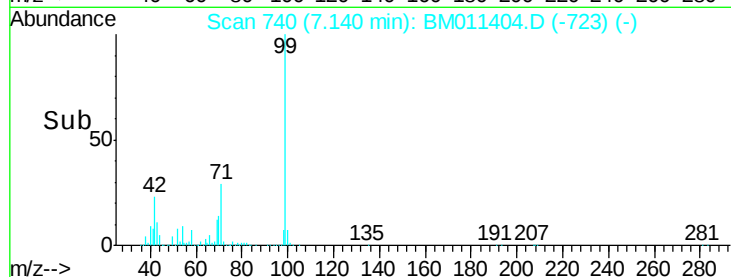
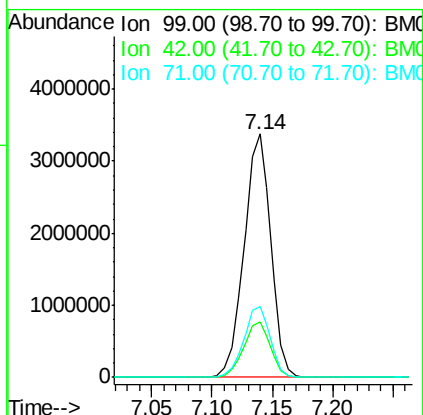
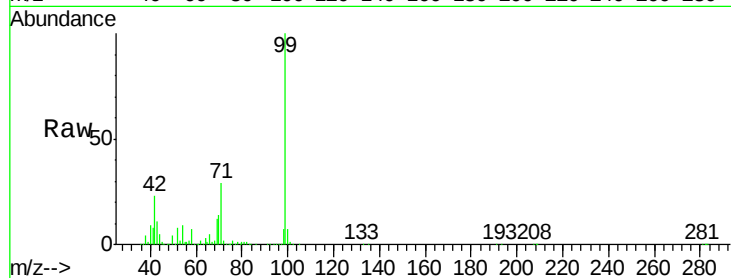
Tgt Ion: 99 Resp: 5208588

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

71 29.3 23.4 35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BM011404.D

Acq: 01 Sep 2017 10:48

Tgt Ion: 136 Resp: 1837890

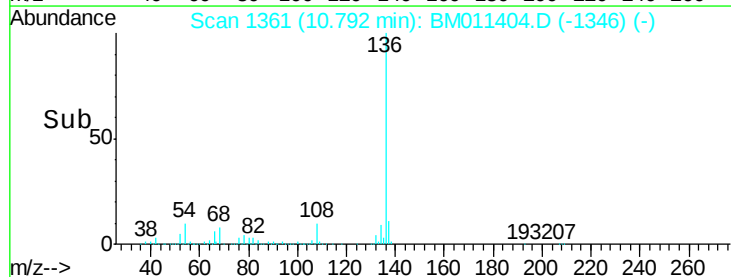
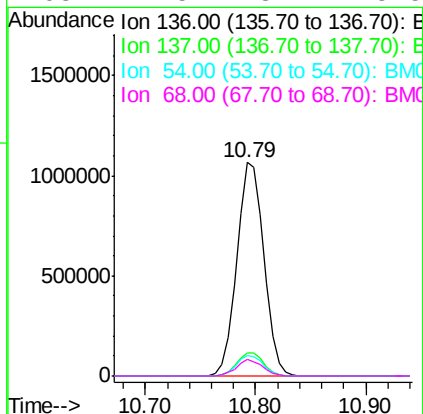
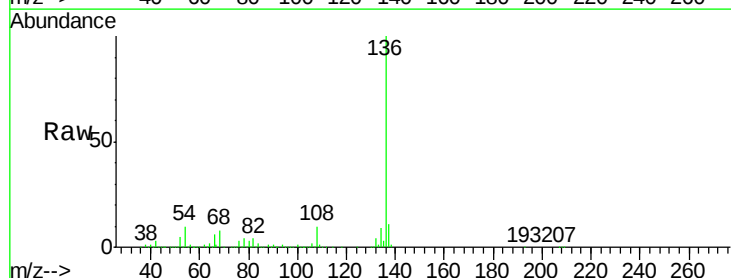
Ion Ratio Lower Upper

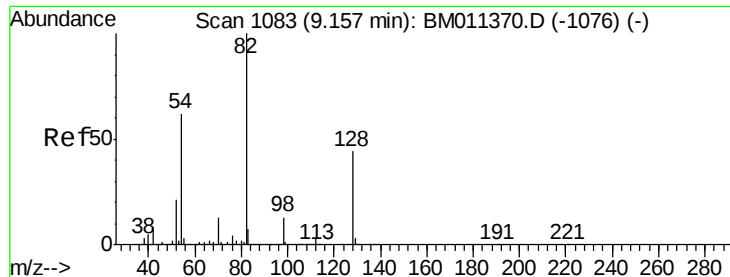
136 100

137 10.9 8.7 13.1

54 9.6 4.6 6.8#

68 7.5 3.7 5.5#

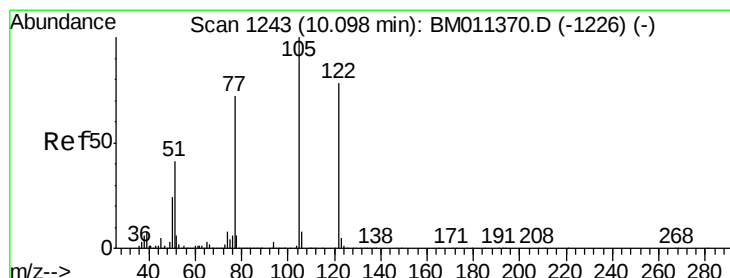
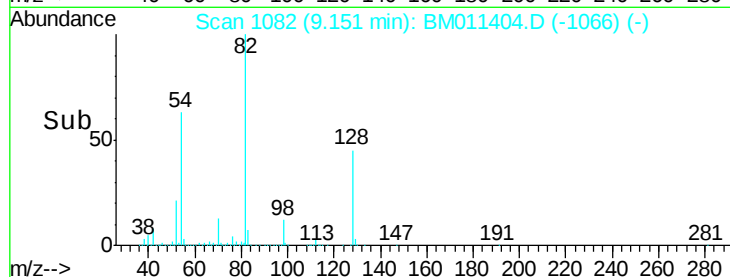
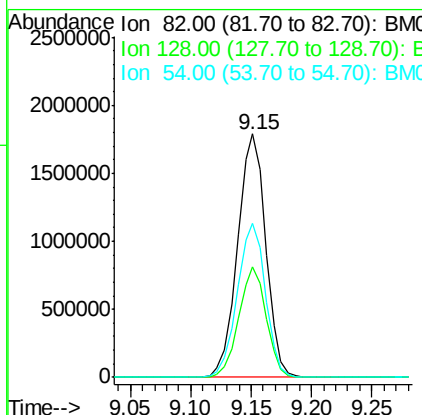
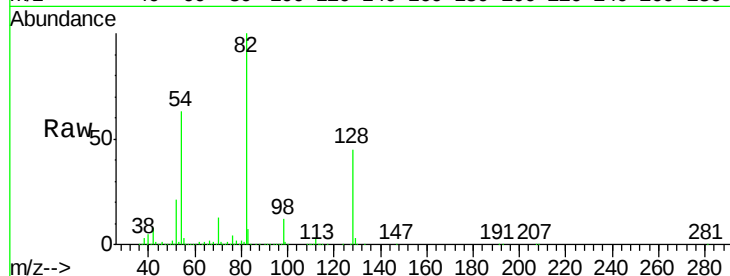




#23
 Nitrobenzene-d5
 Concen: 104.283 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011404.D
 Acq: 01 Sep 2017 10:48

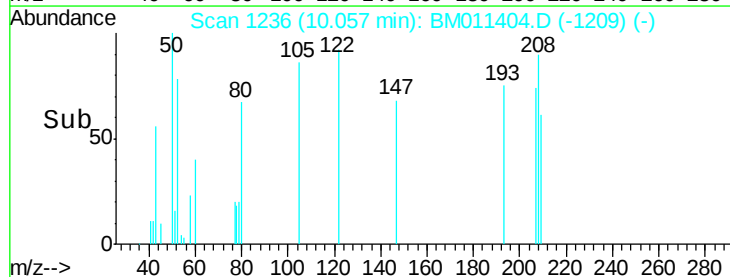
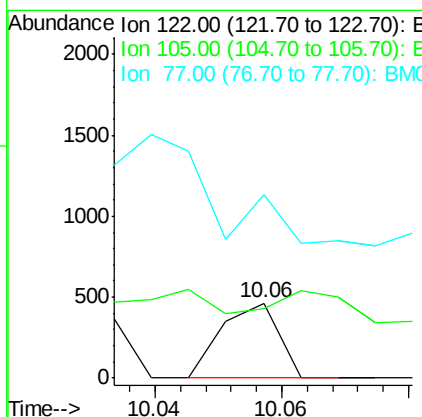
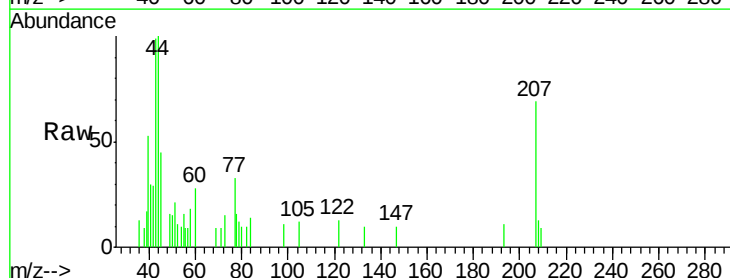
Instrument :
 BNA_M
 ClientSampleId :
 SU-02-082917

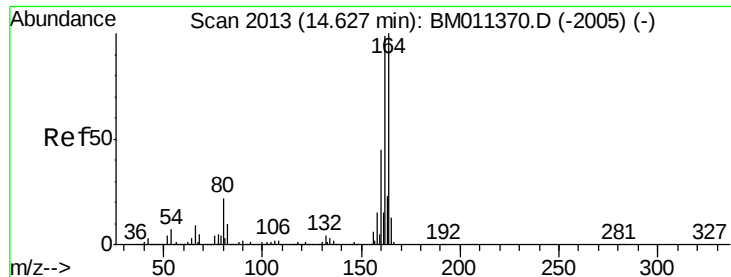
Tgt Ion: 82 Resp: 2908429
 Ion Ratio Lower Upper
 82 100
 128 45.2 32.8 49.2
 54 63.1 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.553 ng
 RT: 10.06 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BM011404.D
 Acq: 01 Sep 2017 10:48

Tgt Ion: 122 Resp: 288
 Ion Ratio Lower Upper
 122 100
 105 92.9 99.9 139.9#
 77 244.2 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BM011404.D

Acq: 01 Sep 2017 10:48

Instrument :

BNA_M

ClientSampleId :

SU-02-082917

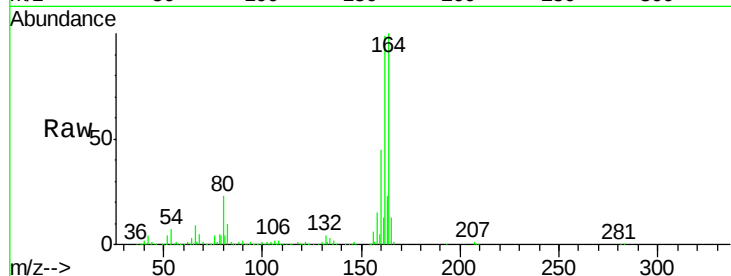
Tgt Ion:164 Resp: 1025398

Ion Ratio Lower Upper

164 100

162 99.2 82.4 123.6

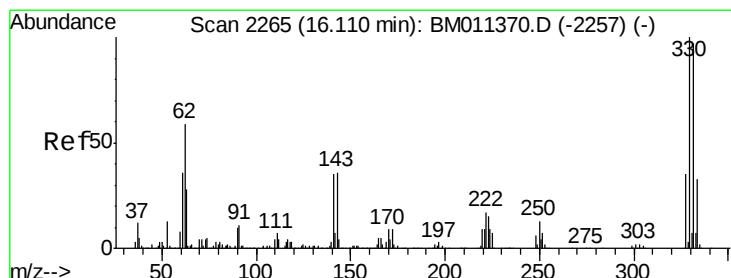
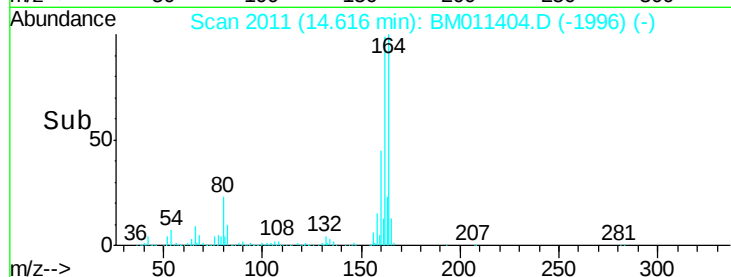
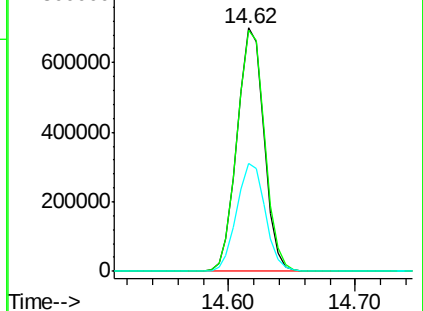
160 44.5 35.8 53.6



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: 163.279 ng

RT: 16.10 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BM011404.D

Acq: 01 Sep 2017 10:48

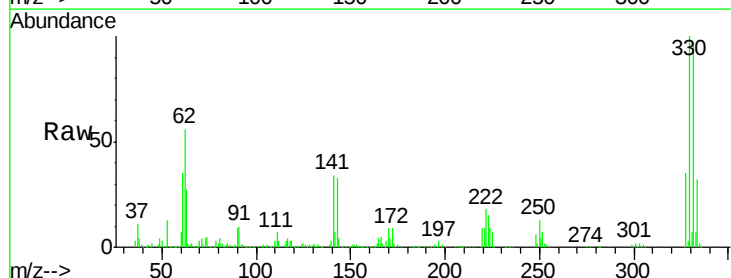
Tgt Ion:330 Resp: 1937044

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

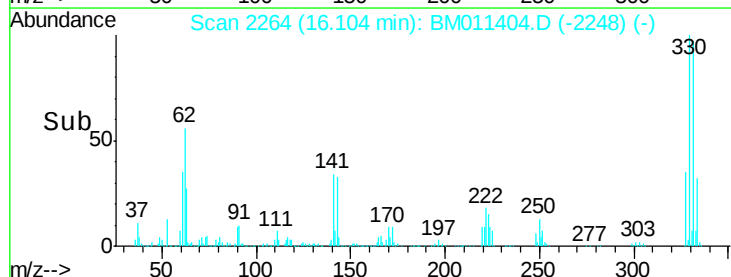
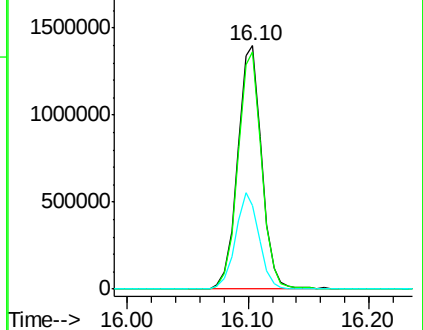
141 38.8 0.0 0.0#

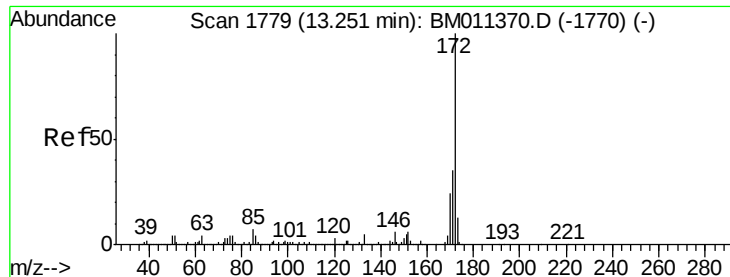


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

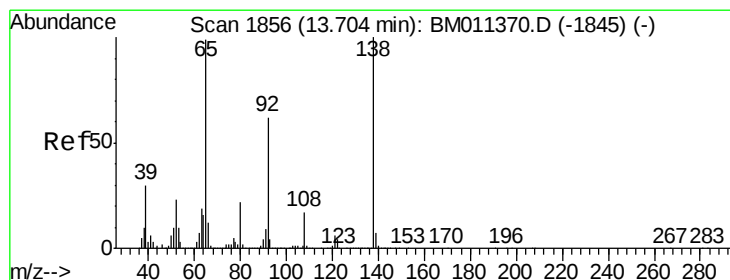
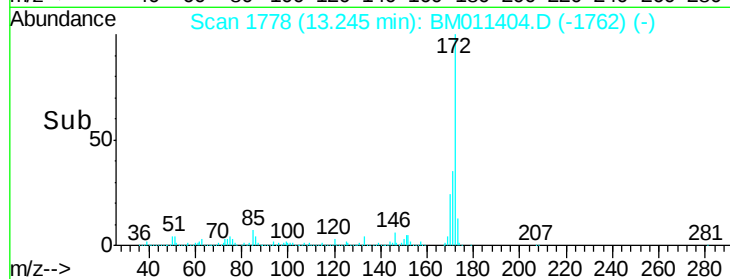
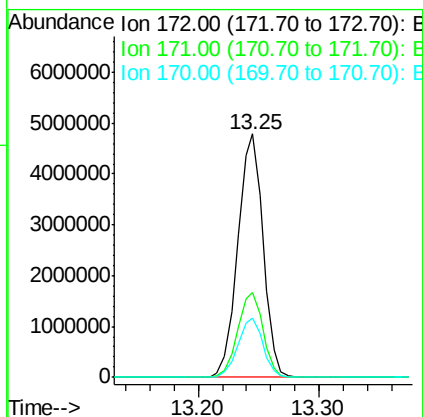
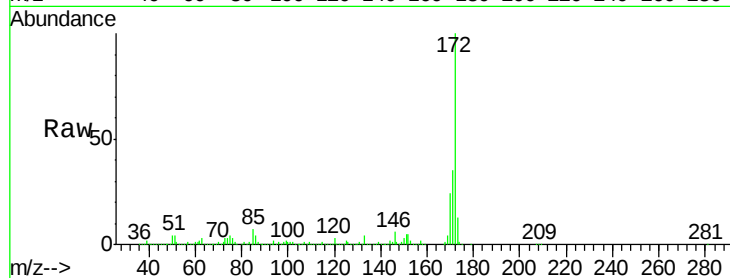




#44
2-Fluorobiphenyl
Concen: 97.878 ng
RT: 13.25 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM011404.D
Acq: 01 Sep 2017 10:48

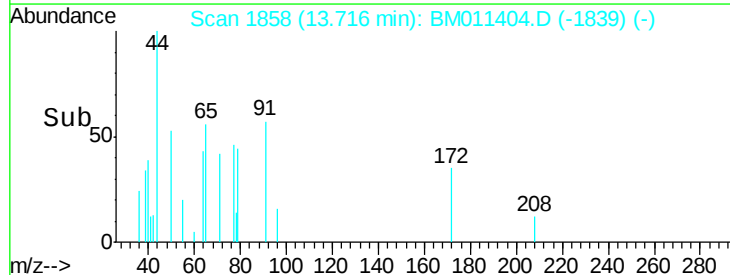
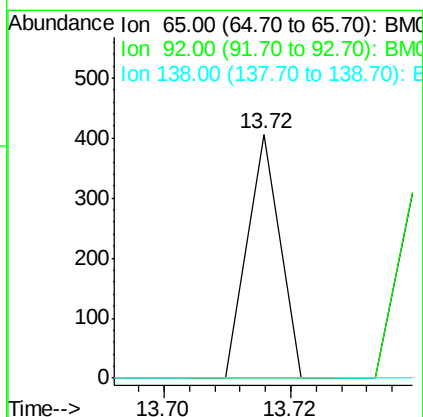
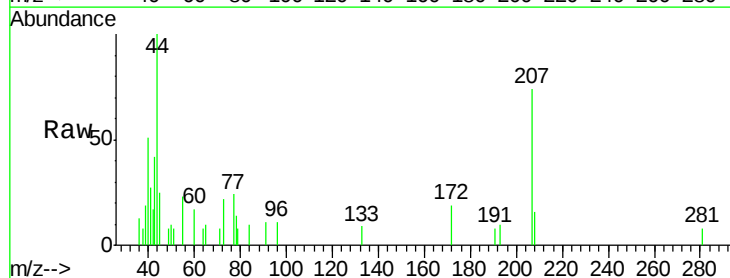
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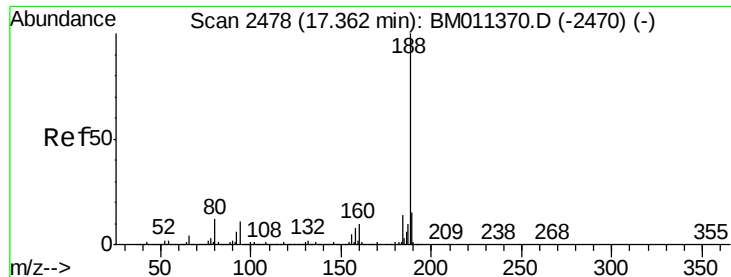
Tgt Ion: 172 Resp: 6962553
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 24.2 18.8 28.2



#47
2-Nitroaniline
Concen: 5.443 ng
RT: 13.72 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BM011404.D
Acq: 01 Sep 2017 10:48

Tgt Ion: 65 Resp: 143
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#

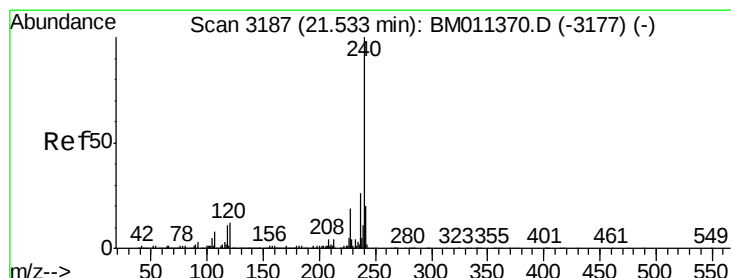
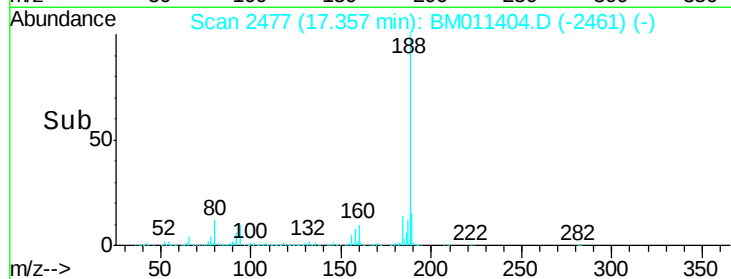
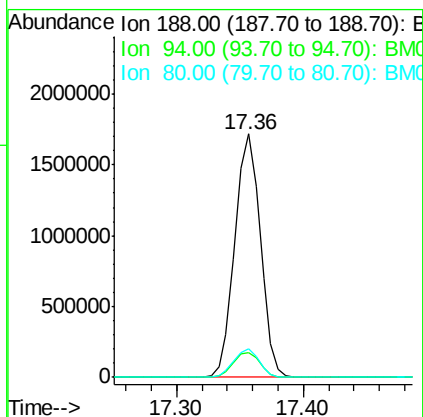
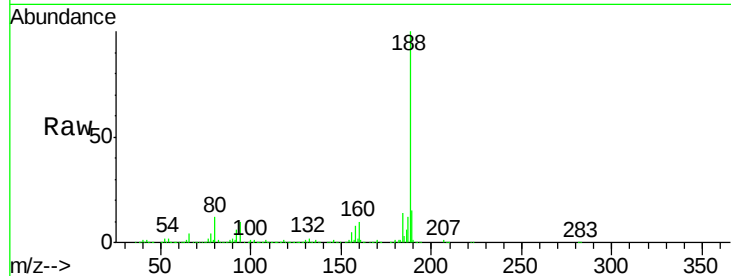




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011404.D
Acq: 01 Sep 2017 10:48

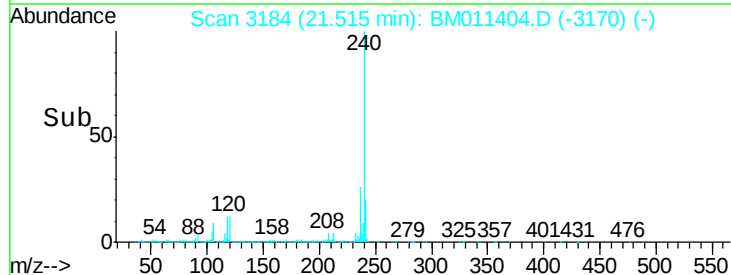
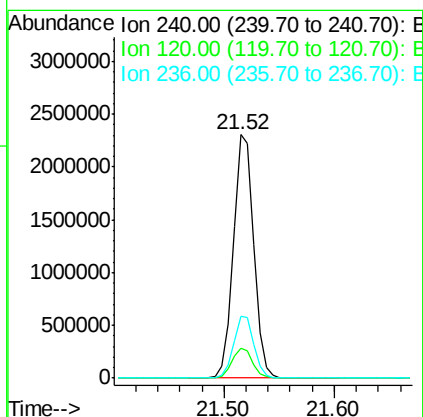
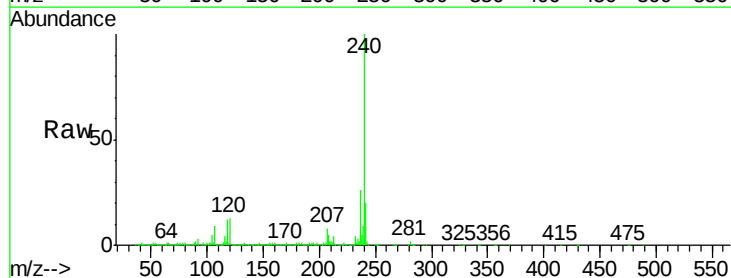
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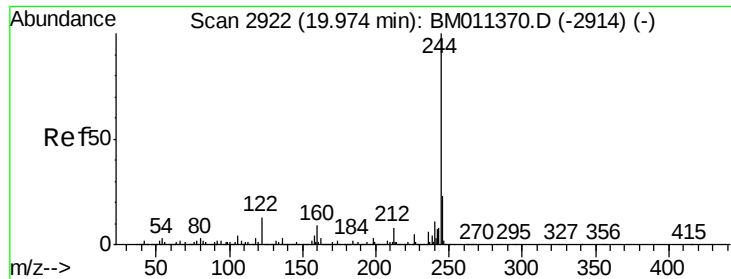
Tgt Ion:188 Resp: 2407972
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.9 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011404.D
Acq: 01 Sep 2017 10:48

Tgt Ion:240 Resp: 2985291
Ion Ratio Lower Upper
240 100
120 12.5 8.2 12.2#
236 25.6 20.0 30.0





#78

Terphenyl-d14

Concen: 93.360 ng

RT: 19.97 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BM011404.D

Acq: 01 Sep 2017 10:48

Instrument :

BNA_M

ClientSampleId :

SU-02-082917

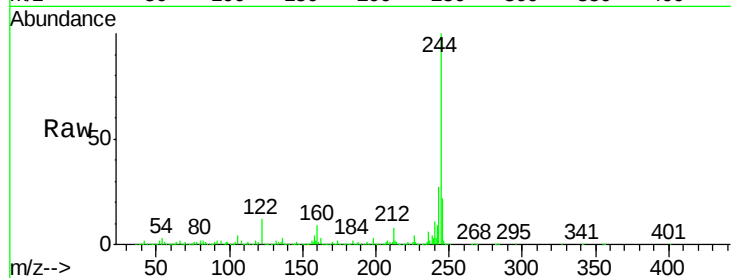
Tgt Ion:244 Resp:11232682

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

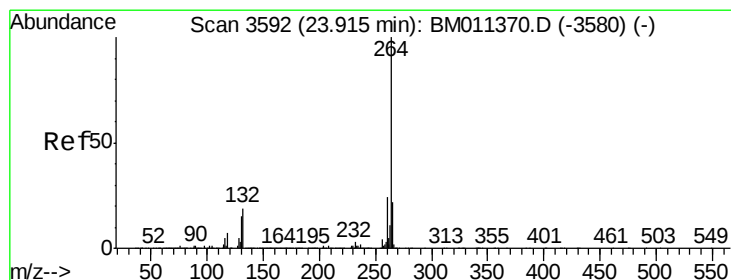
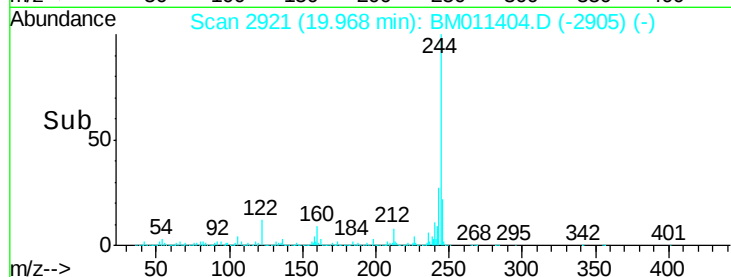
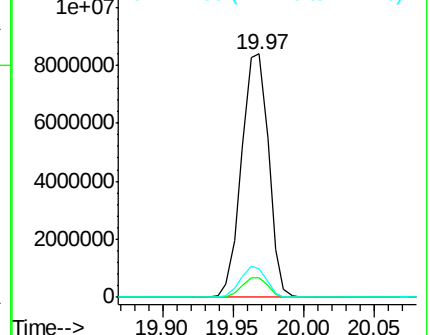
122 12.0 6.2 9.4#



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: 23.90 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BM011404.D

Acq: 01 Sep 2017 10:48

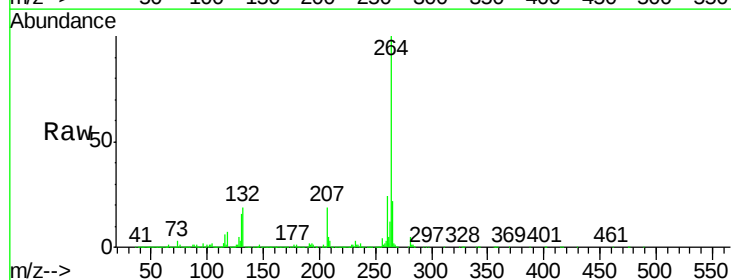
Tgt Ion:264 Resp: 2773000

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.0 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

