

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010118.D
 Acq On : 23 May 2017 00:35
 Operator : SJ/MA
 Sample : I3222-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-13

Quant Time: May 23 05:32:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

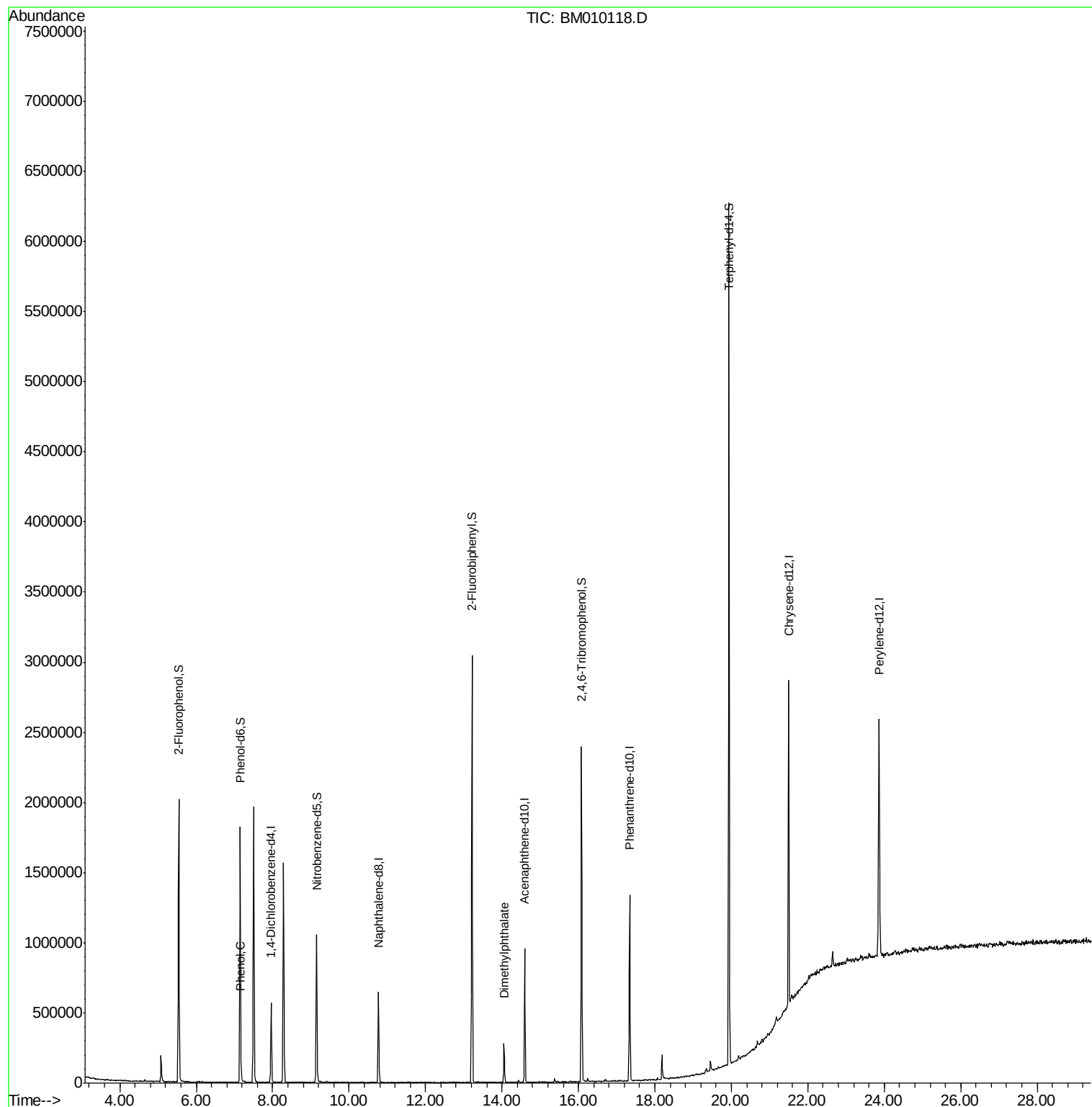
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	144154	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	488363	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	306108	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	770919	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1186766	20.00	ng	-0.01
86) Perylene-d12	23.86	264	1352533	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	768097	96.22	ng	-0.01
7) Phenol-d6	7.15	99	933646	90.89	ng	-0.02
23) Nitrobenzene-d5	9.15	82	600526	66.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	424881	91.39	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	1479069	62.12	ng	-0.02
78) Terphenyl-d14	19.94	244	2613359	50.07	ng	-0.01
Target Compounds						
10) Phenol	7.17	94	22534	2.08	ng	Qvalue 83
49) Dimethylphthalate	14.05	163	166990	6.12	ng	# 97

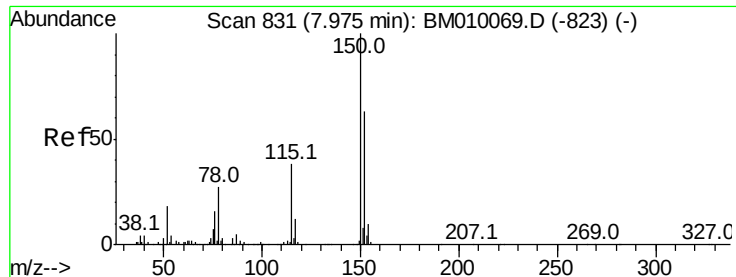
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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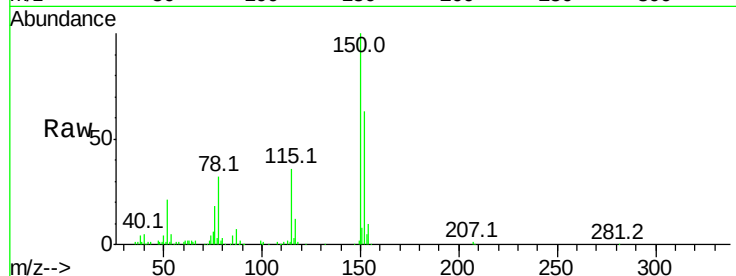


#1

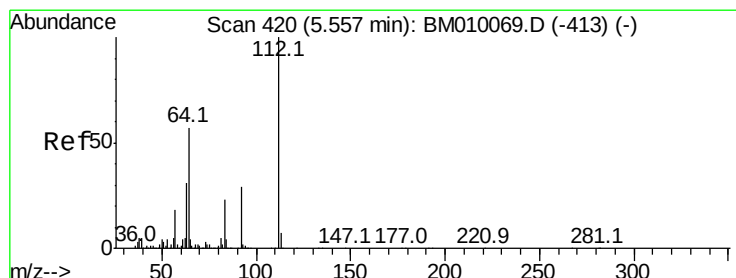
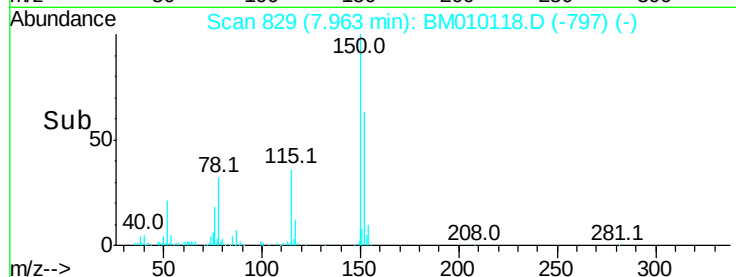
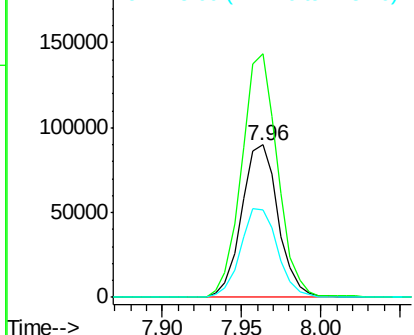
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

Instrument :
BNA_M
ClientSampleId :
EX-13

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	119.5	179.3
115	57.4	43.0	64.4



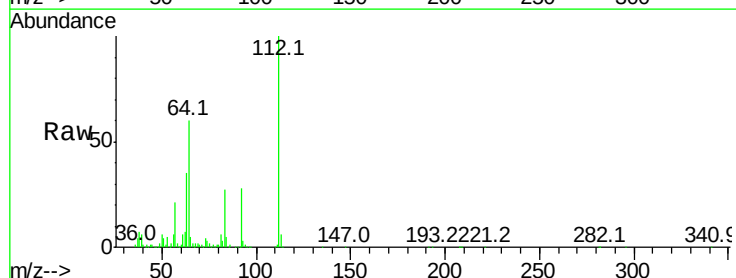
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



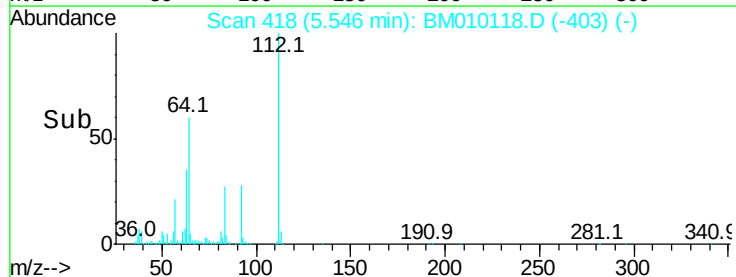
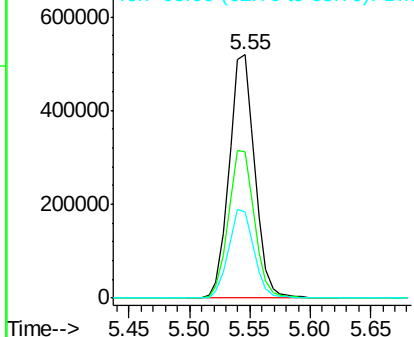
#5

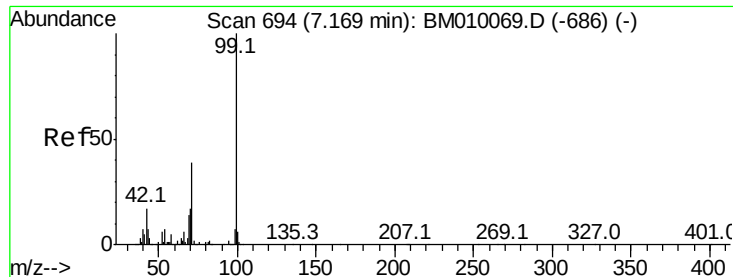
2-Fluorophenol
Concen: 96.22 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	38.6	57.8#
63	35.3	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: 90.89 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

Instrument :

BNA_M

ClientSampleId :

EX-13

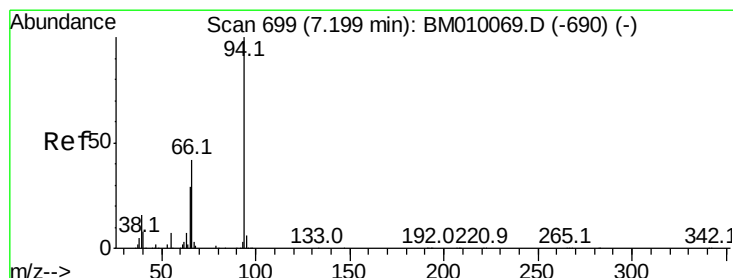
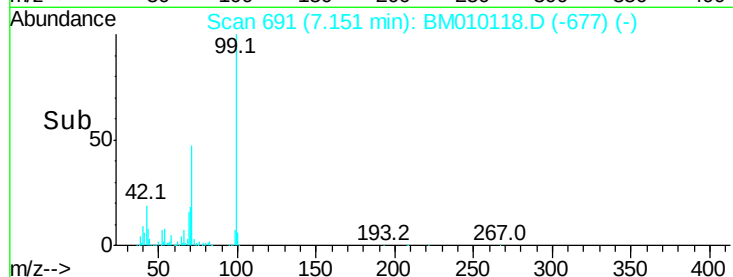
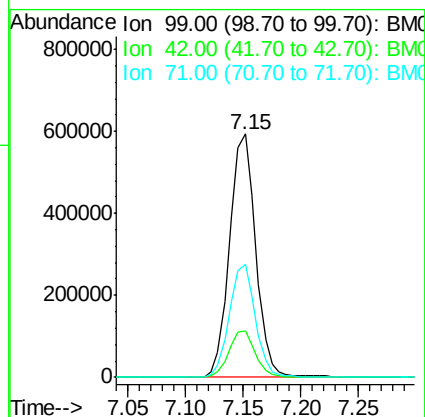
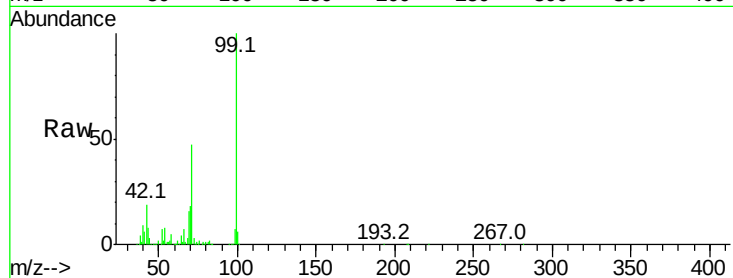
Tot Ion: 99 Resp: 933646

Ion Ratio Lower Upper

99 100

42 18.9 11.0 16.4#

71 46.6 23.4 35.2#



#10

Phenol

Concen: 2.08 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

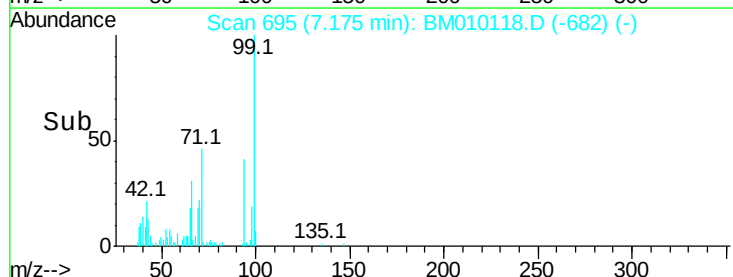
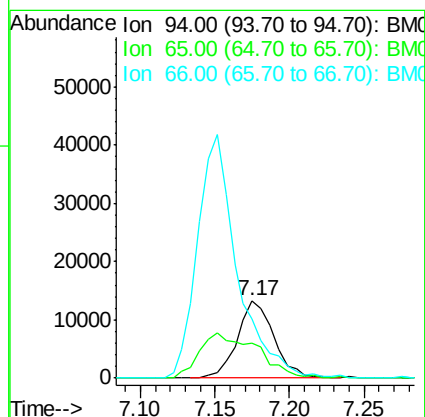
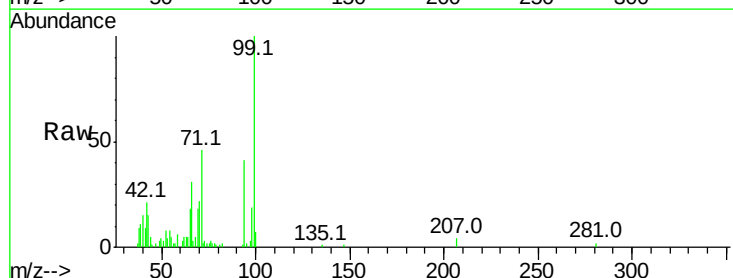
Tgt Ion: 94 Resp: 22534

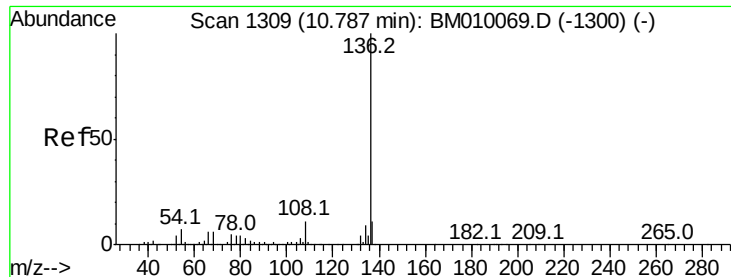
Ion Ratio Lower Upper

94 100

65 44.9 18.8 58.8

66 75.7 39.9 79.9

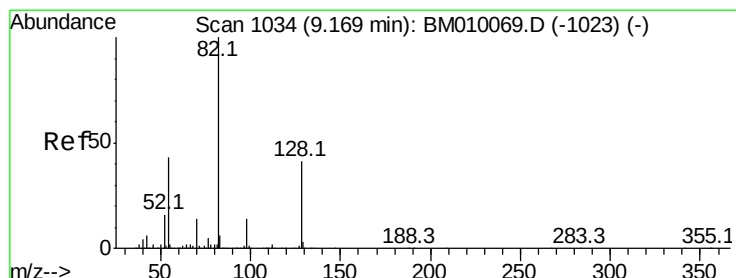
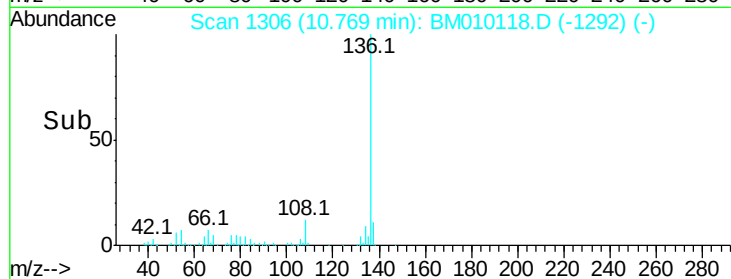
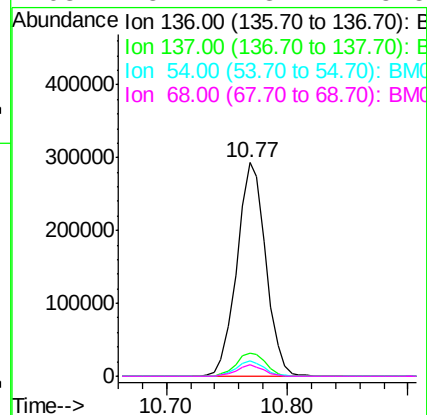
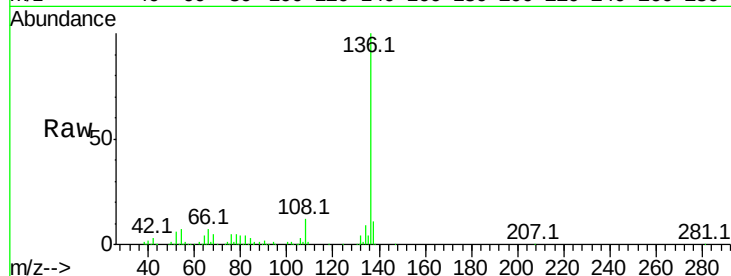




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

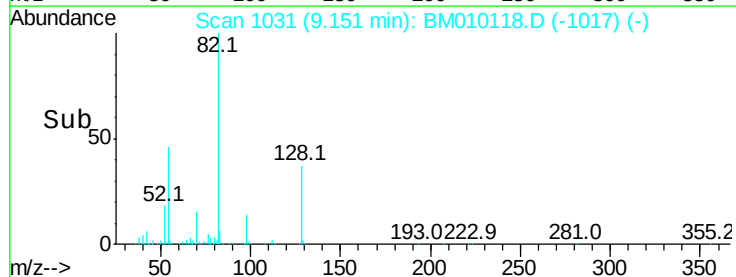
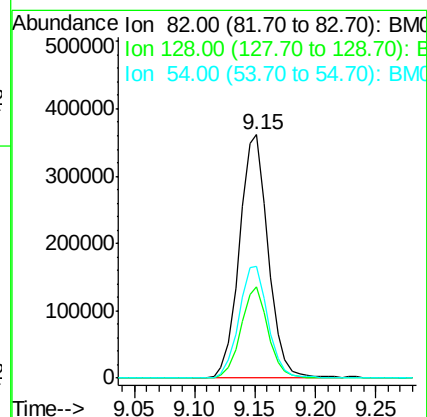
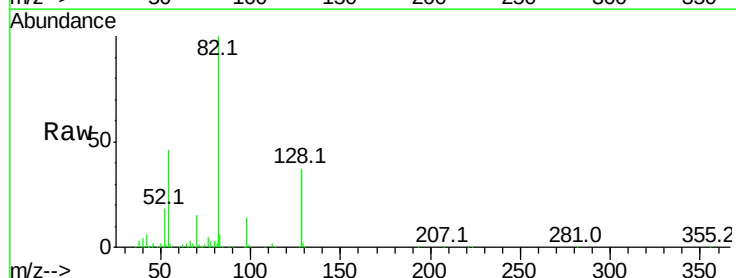
Instrument :
BNA_M
ClientSampled :
EX-13

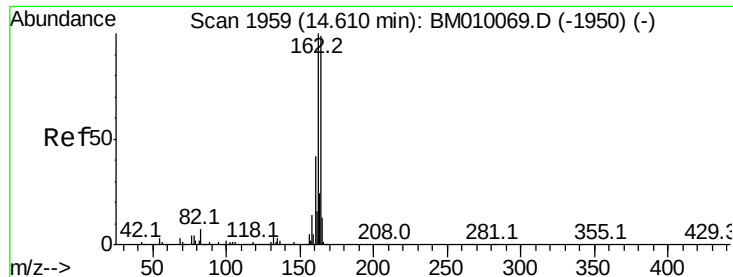
Tot Ion:136	Resp:	488363
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	7.2	4.6 6.8#
68	5.4	3.7 5.5



#23
Nitrobenzene-d5
Concen: 66.34 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

Tgt Ion: 82	Resp:	600526
Ion	Ratio	Lower Upper
82	100	
128	37.4	32.8 49.2
54	45.9	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

Instrument :

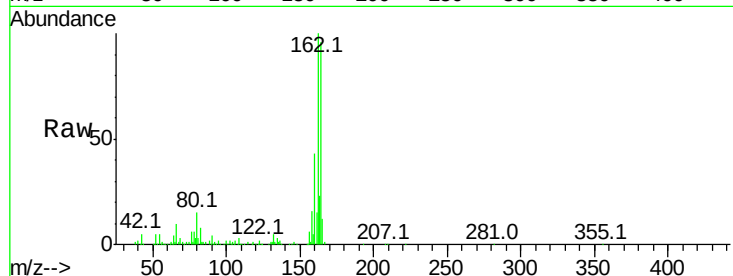
BNA_M

ClientSampled :

EX-13

Tot Ion:164 Resp: 306108

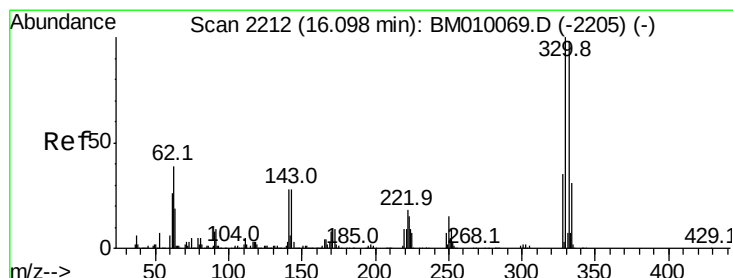
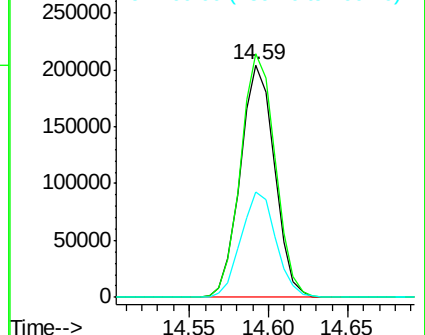
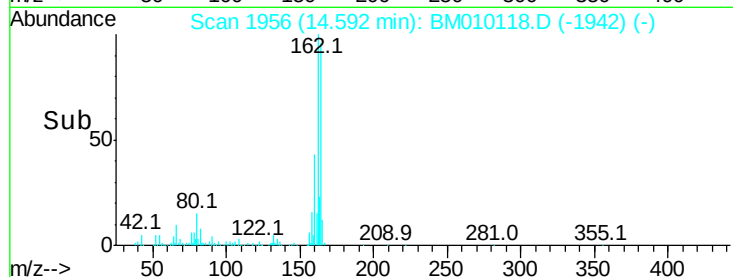
Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.4	123.6
160	45.1	35.8	53.6



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: 91.39 ng

RT: 16.09 min Scan# 2210

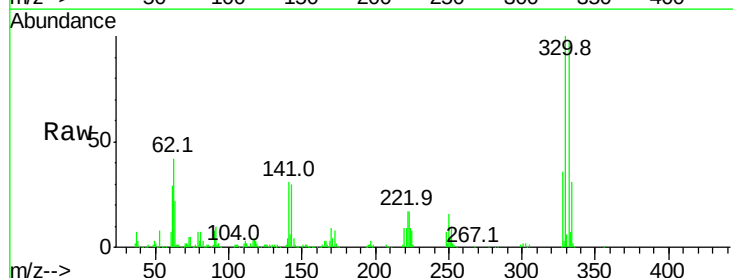
Delta R.T. -0.01 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

Tgt Ion:330 Resp: 424881

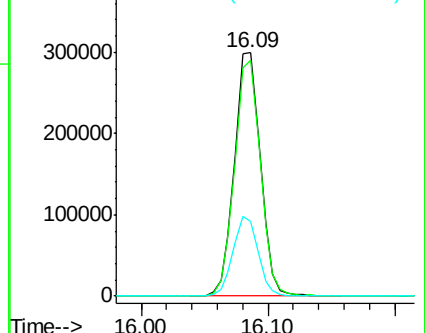
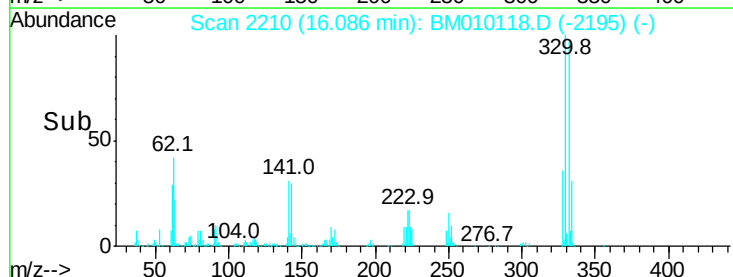
Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	31.7	0.0	0.0#

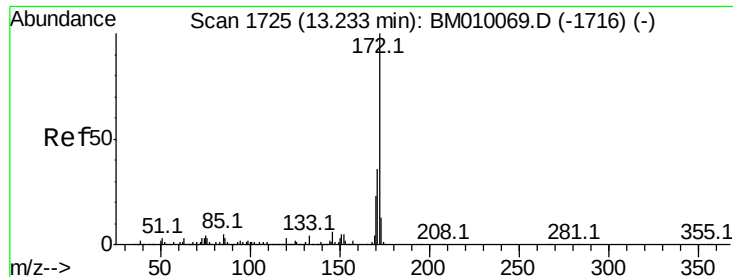


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

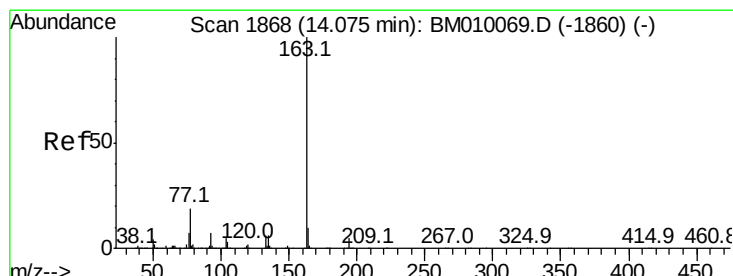
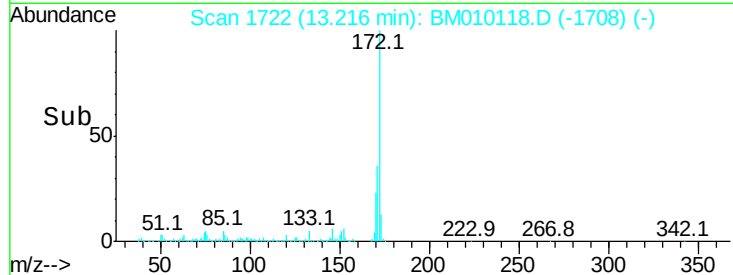
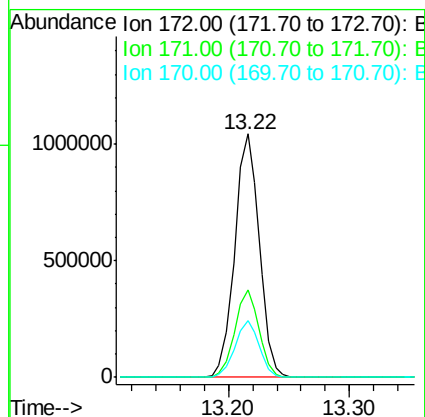
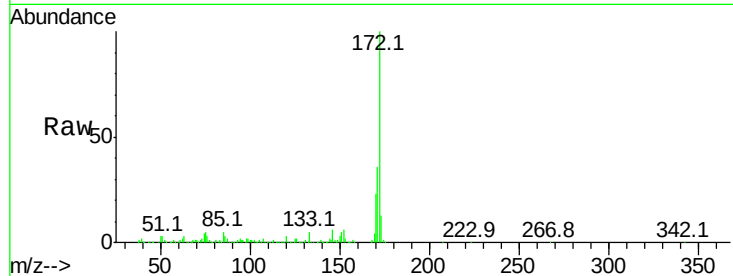




#44
2-Fluorobiphenyl
Concen: 62.12 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

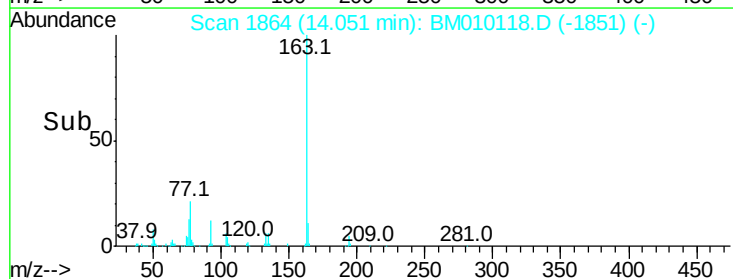
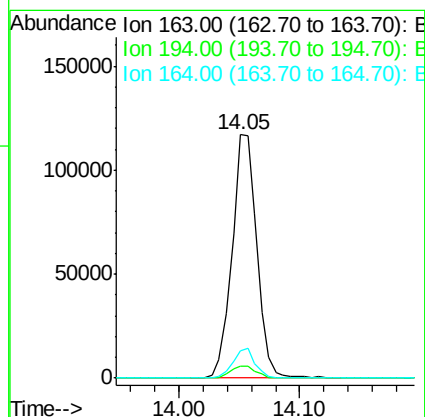
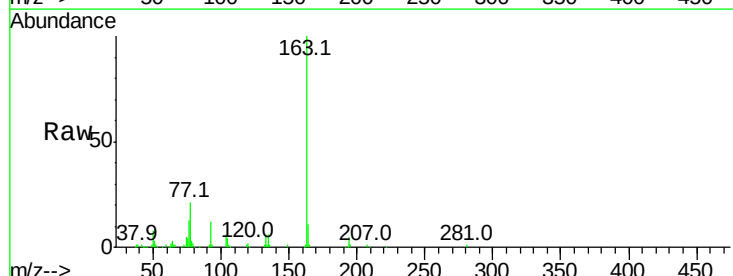
Instrument :
BNA_M
ClientSampleId :
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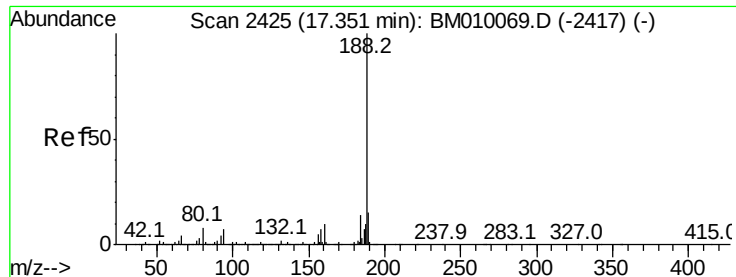
Tot Ion:172 Resp: 1479069
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.2 18.8 28.2



#49
Dimethylphthalate
Concen: 6.12 ng
RT: 14.05 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

Tgt Ion:163 Resp: 166990
Ion Ratio Lower Upper
163 100
194 5.0 2.7 4.1#
164 11.2 8.2 12.2

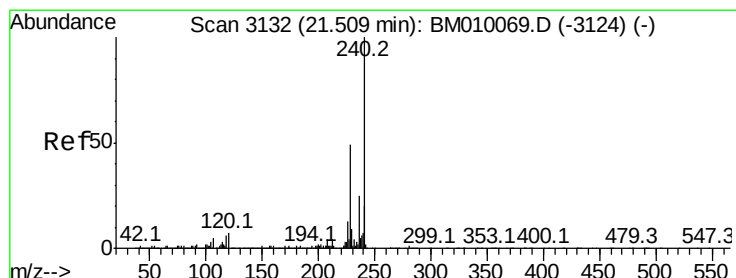
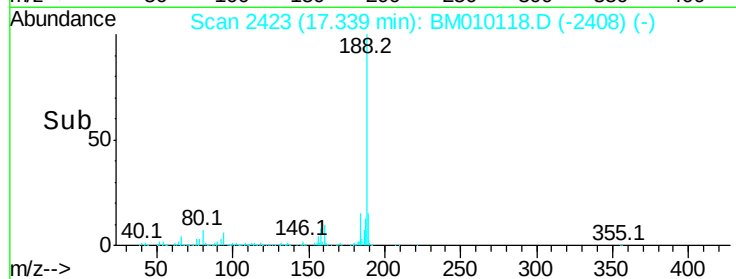
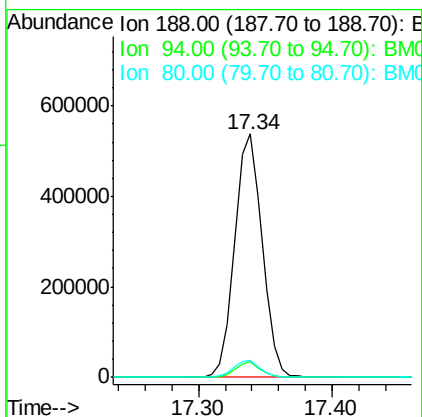
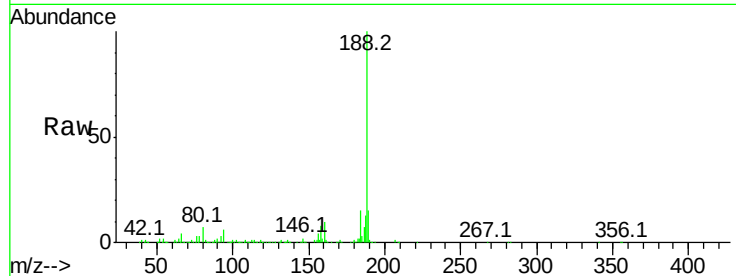




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

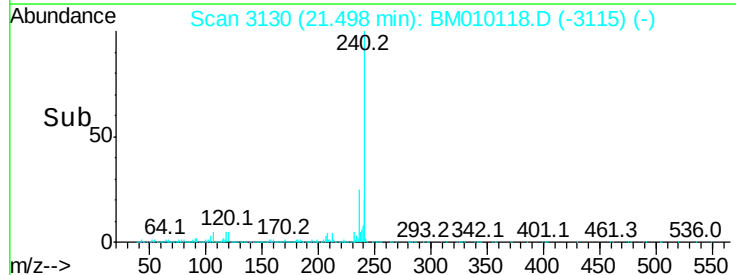
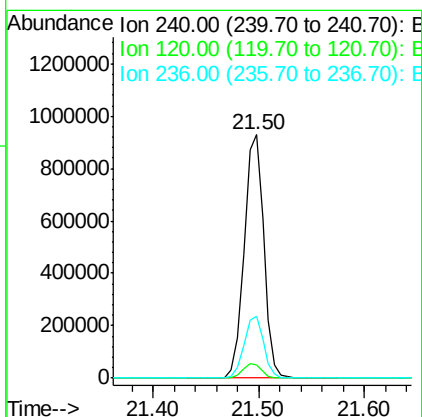
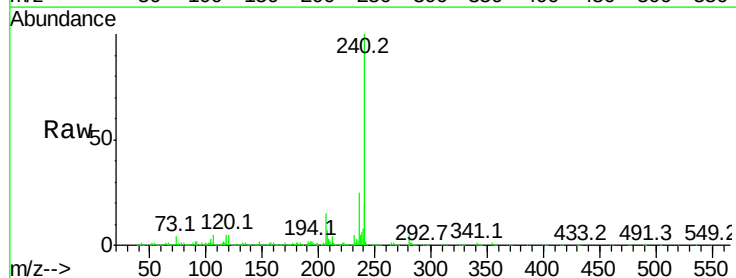
Instrument :
BNA_M
ClientSampleId :
EX-13

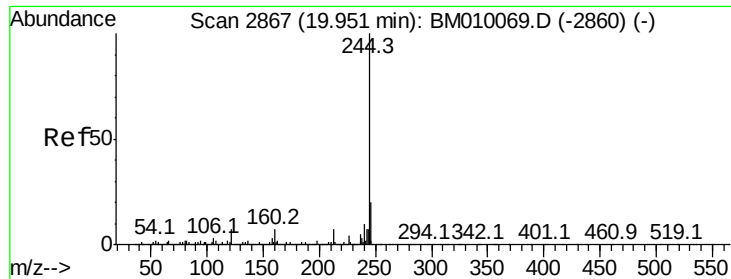
Tot Ion:188 Resp: 770919
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 7.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

Tgt Ion:240 Resp: 1186766
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 25.3 20.0 30.0





#78

Terphenyl-d14

Concen: 50.07 ng

RT: 19.94 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

Instrument :

BNA_M

ClientSampleId :

EX-13

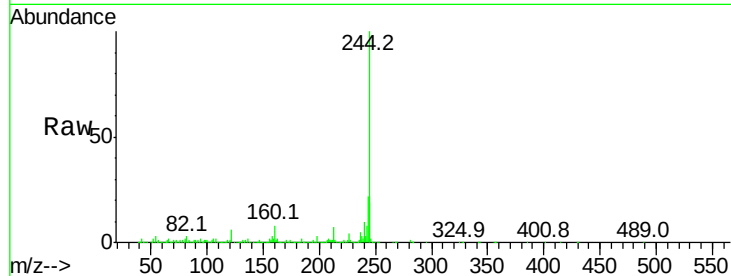
Tot Ion:244 Resp: 2613359

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

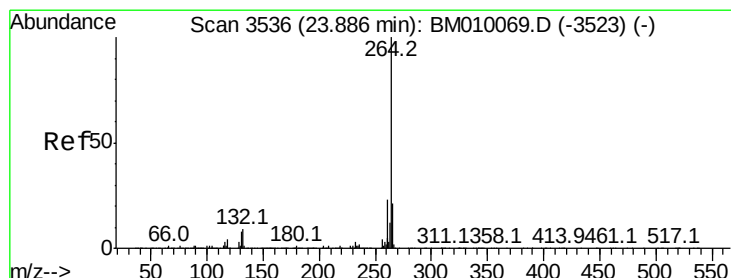
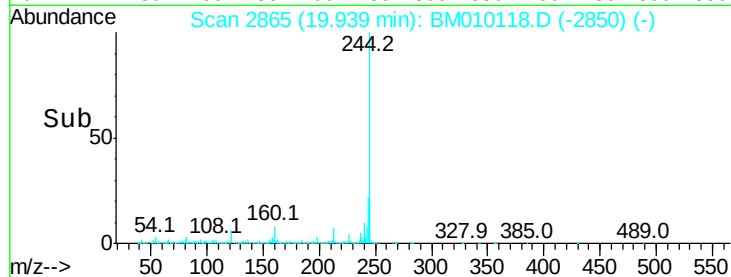
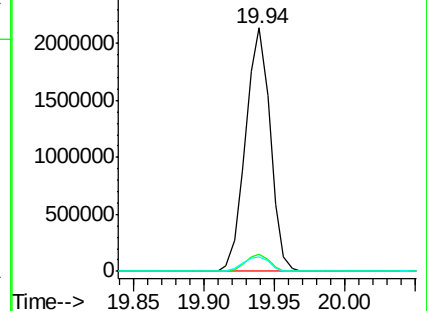
122 6.2 6.2 9.4#



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: 23.86 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

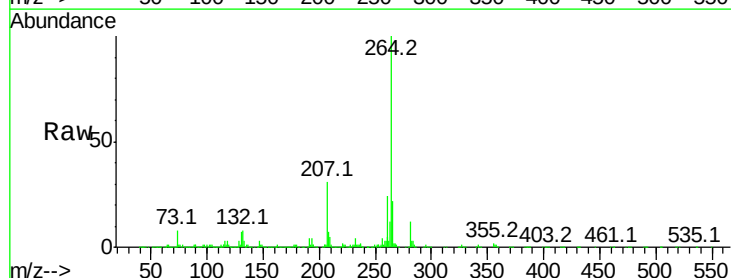
Tgt Ion:264 Resp: 1352533

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.4 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

