

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090617\
 Data File : BM011452.D
 Acq On : 06 Sep 2017 10:24
 Operator : SJ/JU
 Sample : I5066-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 06 17:39:10 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

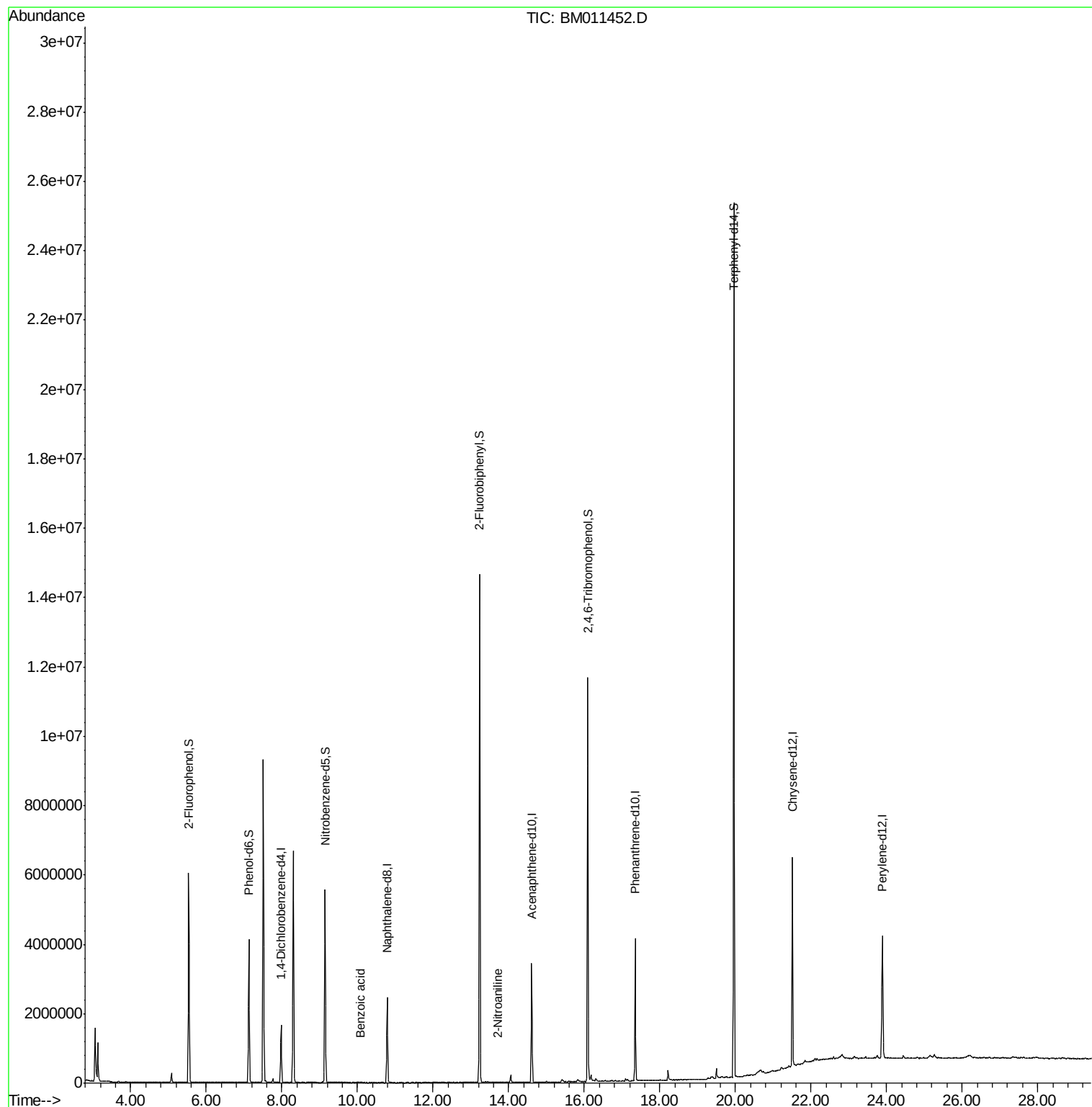
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	445910	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1955435	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	1081129	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	2410835	20.00	ng	-0.02
75) Chrysene-d12	21.51	240	2746431	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2584615	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	2495290	94.20	ng	0.00
7) Phenol-d6	7.13	99	2198796	59.86	ng	-0.01
23) Nitrobenzene-d5	9.15	82	2973360	100.20	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1791166	143.20	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	7344927	97.93	ng	-0.02
78) Terphenyl-d14	19.96	244	9729790	87.90	ng	-0.02
Target Compounds						
32) Benzoic acid	10.07	122	115	6.545	ng	# 14
47) 2-Nitroaniline	13.70	65	113	5.442	ng	# 1

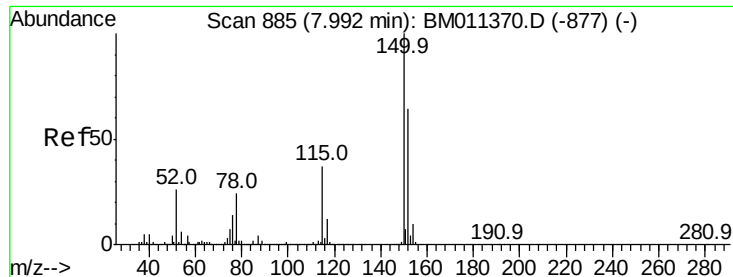
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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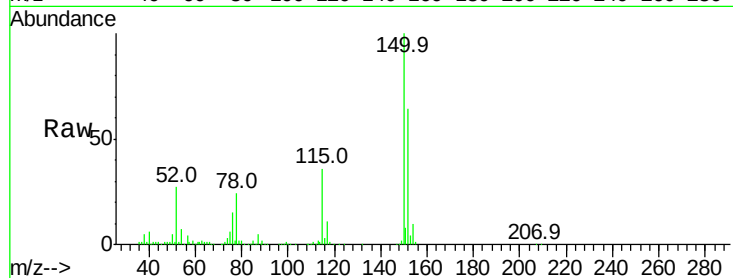


#1

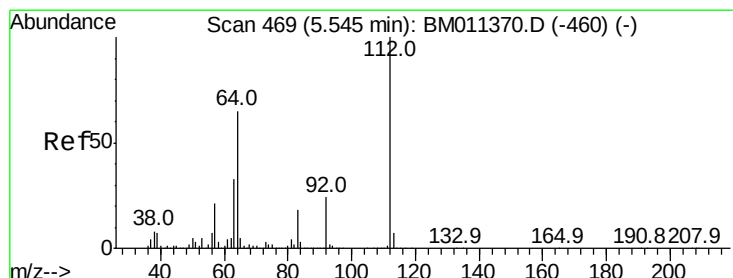
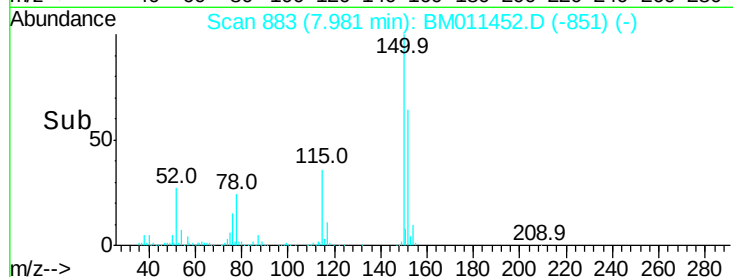
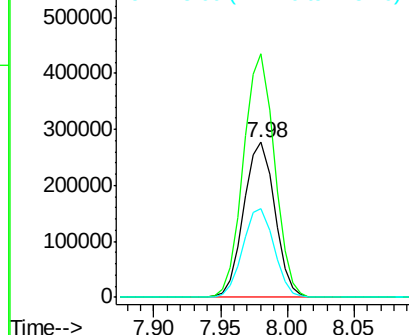
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011452.D
Acq: 06 Sep 2017 10:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	119.5	179.3
115	57.0	43.0	64.4



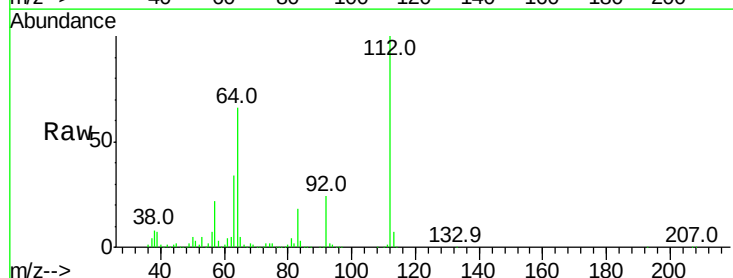
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



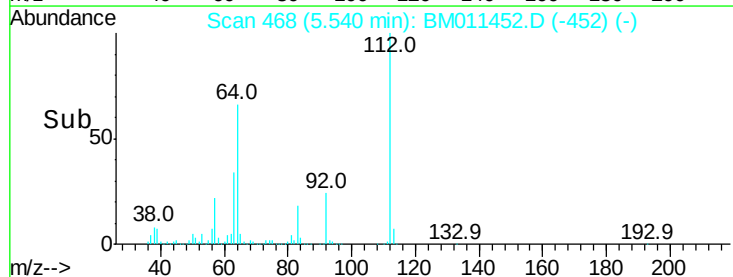
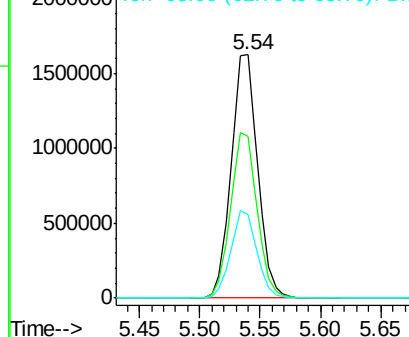
#5

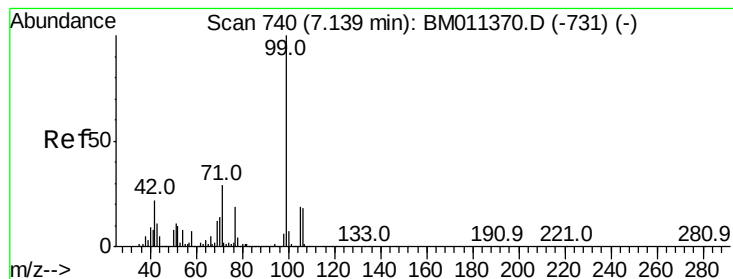
2-Fluorophenol
Concen: 94.195 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011452.D
Acq: 06 Sep 2017 10:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	38.6	57.8#
63	34.2	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: 59.860 ng

RT: 7.13 min Scan# 738

Delta R.T. -0.01 min

Lab File: BM011452.D

Acq: 06 Sep 2017 10:24

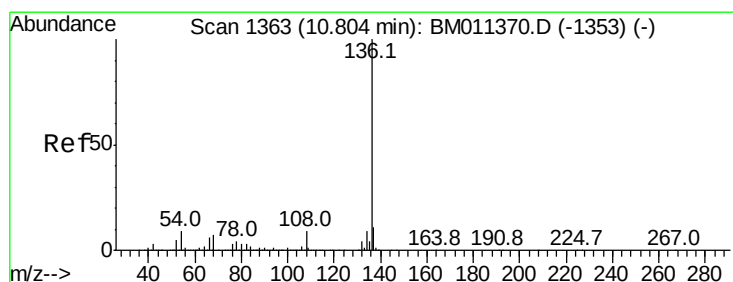
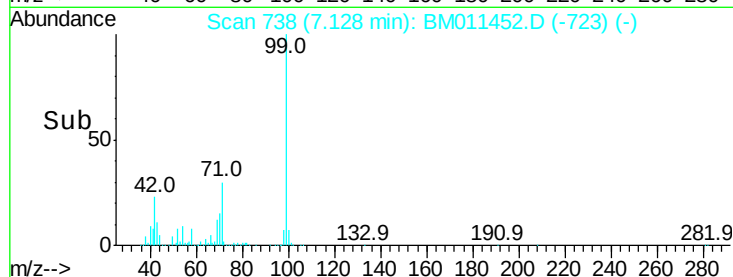
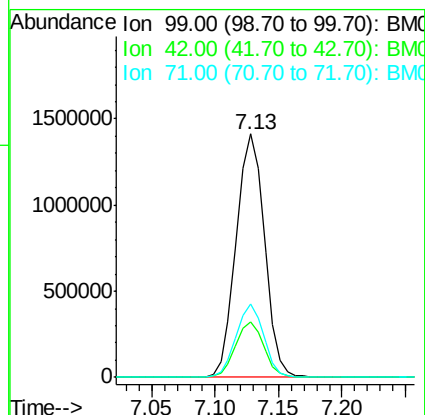
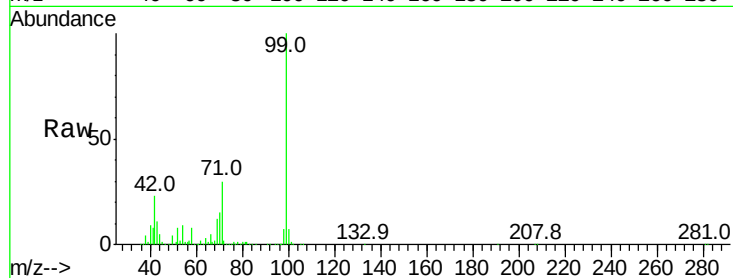
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2198796

Ion	Ratio	Lower	Upper
99	100		
42	23.0	11.0	16.4#
71	30.2	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

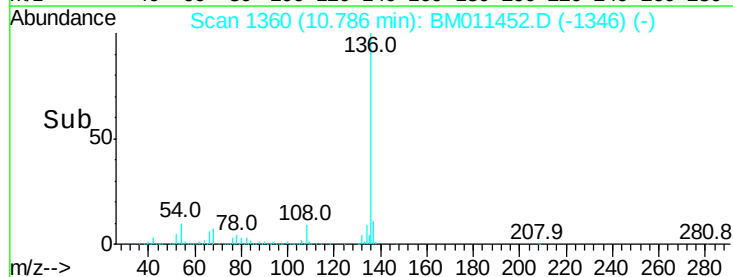
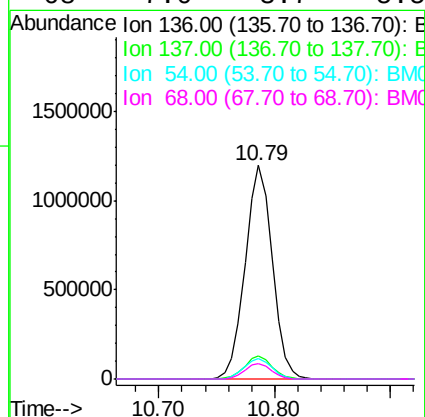
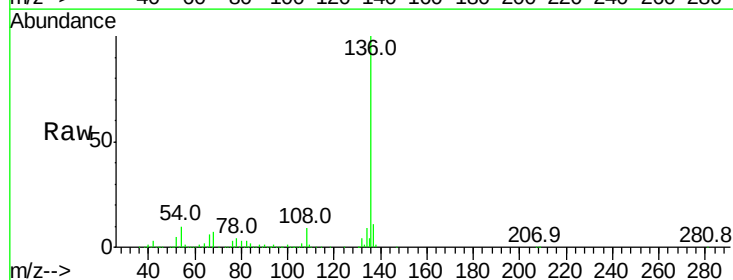
Delta R.T. -0.02 min

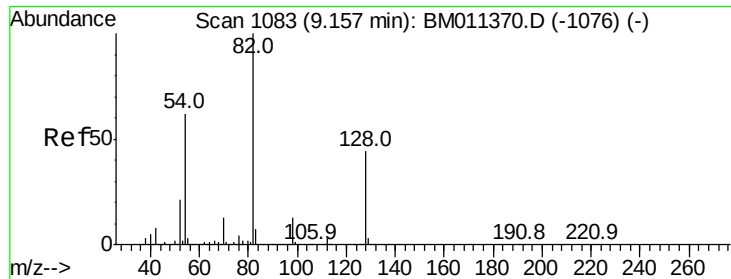
Lab File: BM011452.D

Acq: 06 Sep 2017 10:24

Tgt Ion: 136 Resp: 1955435

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.6	4.6	6.8#
68	7.0	3.7	5.5#

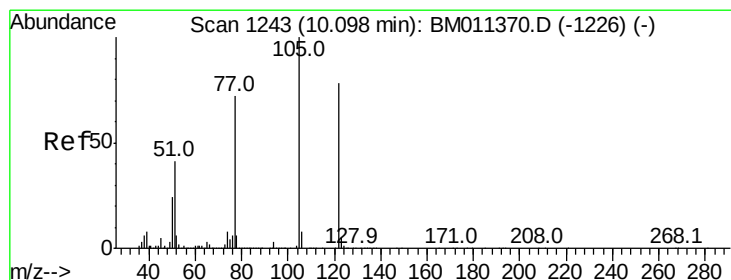
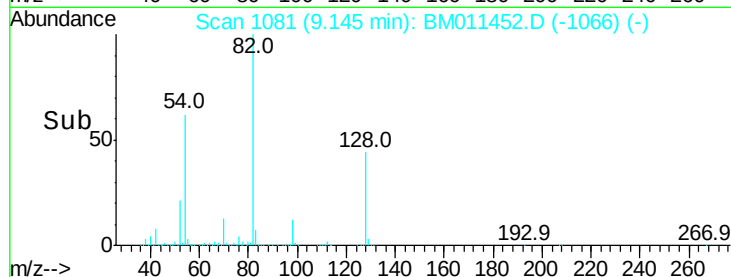
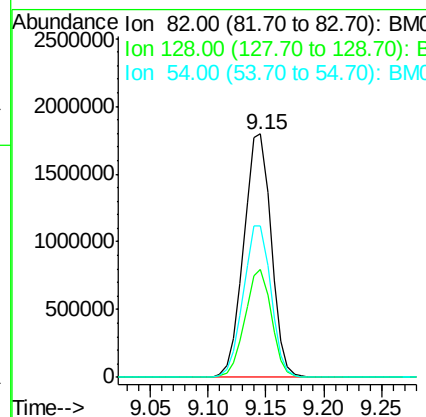
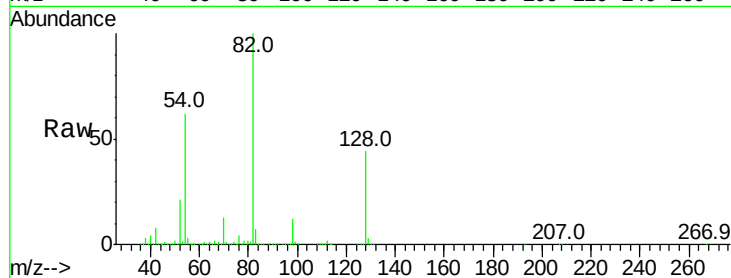




#23
 Nitrobenzene-d5
 Concen: 100.202 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011452.D
 Acq: 06 Sep 2017 10:24

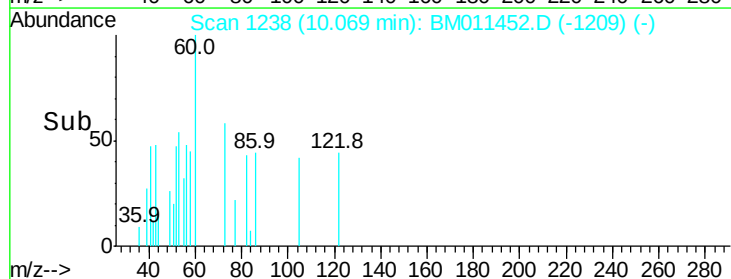
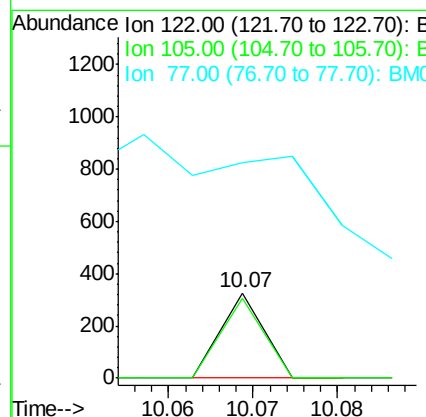
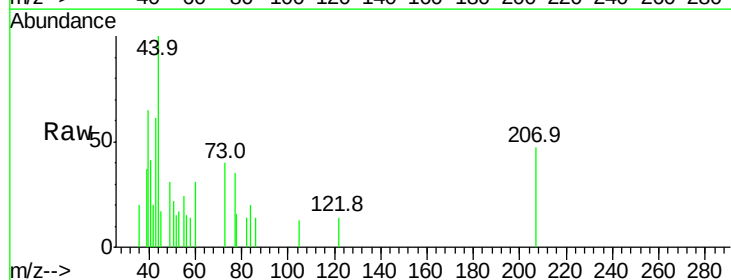
Instrument :
 BNA_M
 ClientSampled :

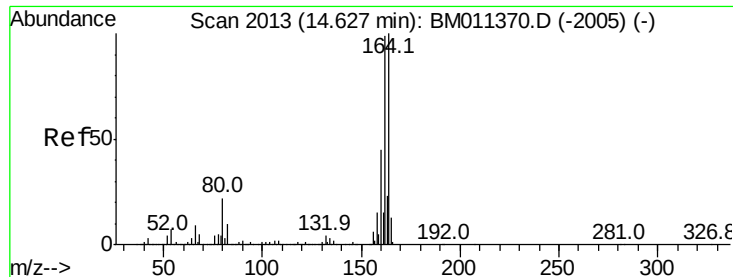
Tot Ion: 82 Resp: 2973360
 Ion Ratio Lower Upper
 82 100
 128 44.1 32.8 49.2
 54 62.0 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.545 ng
 RT: 10.07 min Scan# 1238
 Delta R.T. -0.03 min
 Lab File: BM011452.D
 Acq: 06 Sep 2017 10:24

Tgt Ion:122 Resp: 115
 Ion Ratio Lower Upper
 122 100
 105 94.5 99.9 139.9#
 77 254.2 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011452.D

Acq: 06 Sep 2017 10:24

Instrument :

BNA_M

ClientSampled :

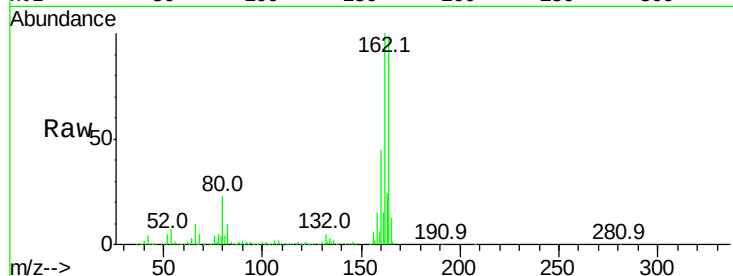
Tot Ion:164 Resp: 1081129

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.4	123.6
160	45.4	35.8	53.6

164 100

162 101.3 82.4 123.6

160 45.4 35.8 53.6

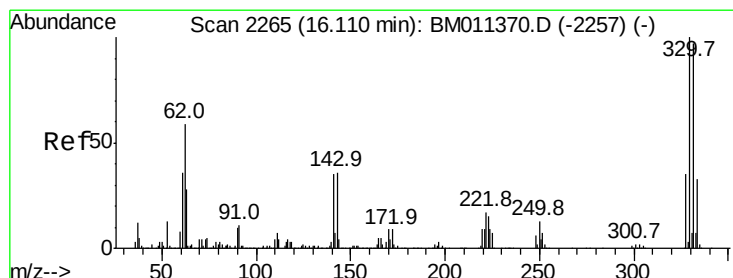
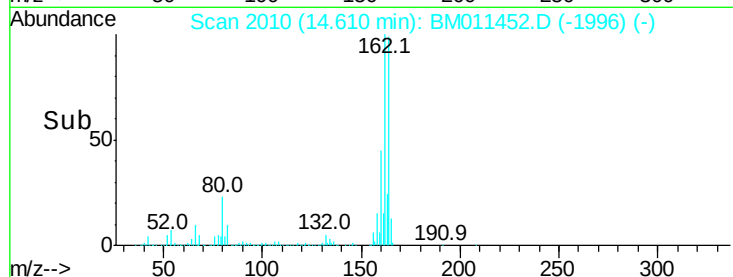
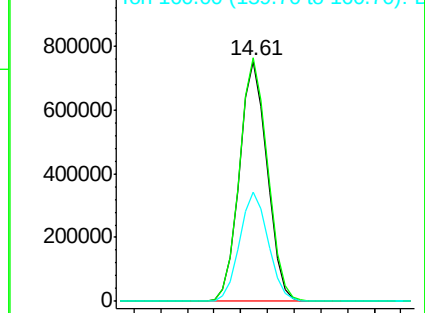


Abundance

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: 143.199 ng

RT: 16.09 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BM011452.D

Acq: 06 Sep 2017 10:24

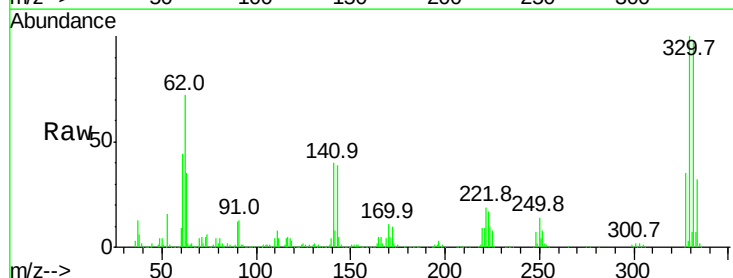
Tgt Ion:330 Resp: 1791166

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	39.9	0.0	0.0#

330 100

332 96.7 0.0 0.0#

141 39.9 0.0 0.0#

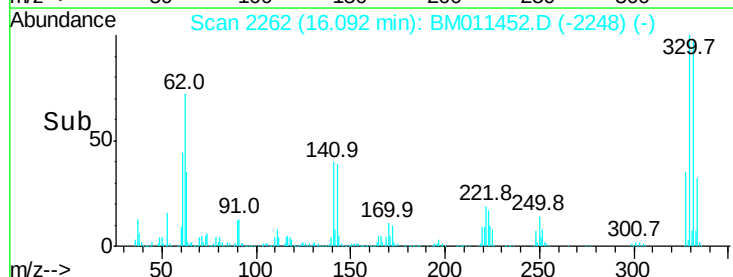
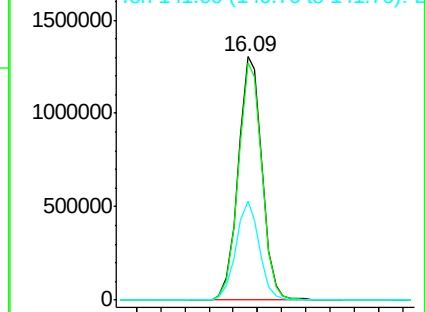


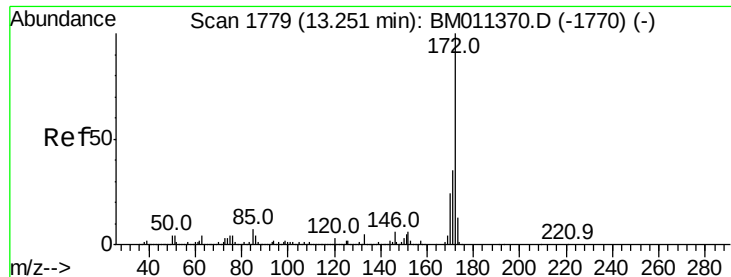
Abundance

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

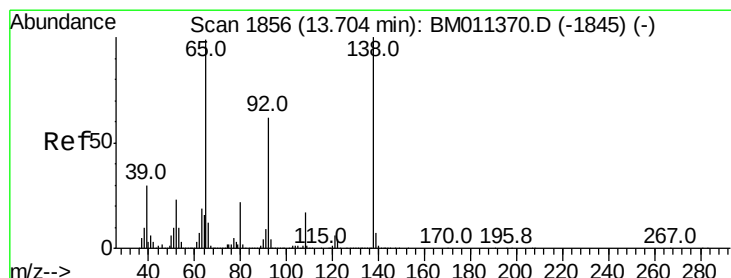
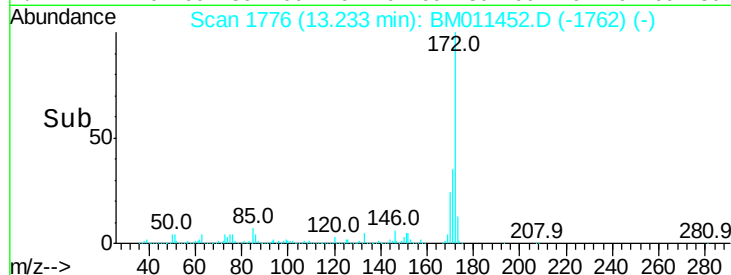
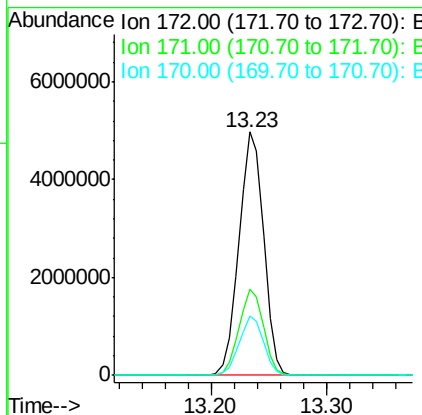
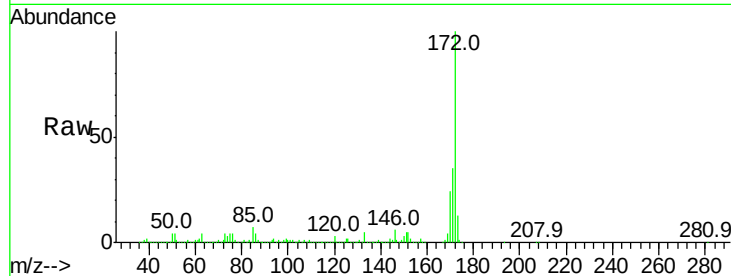




#44
2-Fluorobiphenyl
Concen: 97.931 ng
RT: 13.23 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BM011452.D
Acq: 06 Sep 2017 10:24

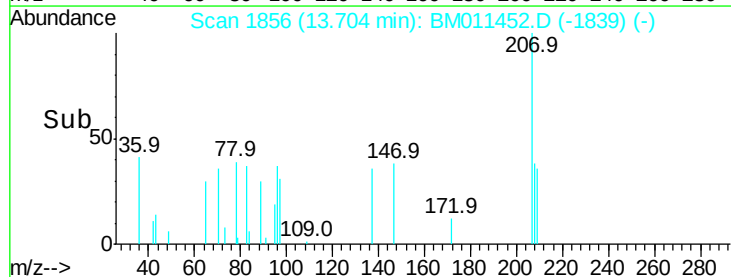
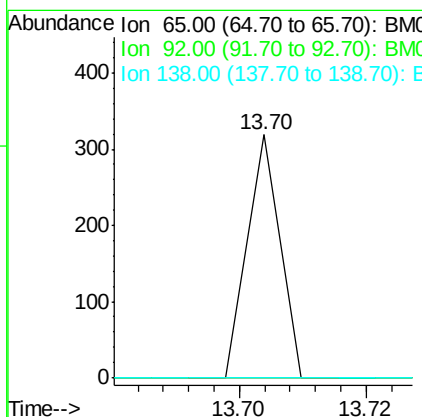
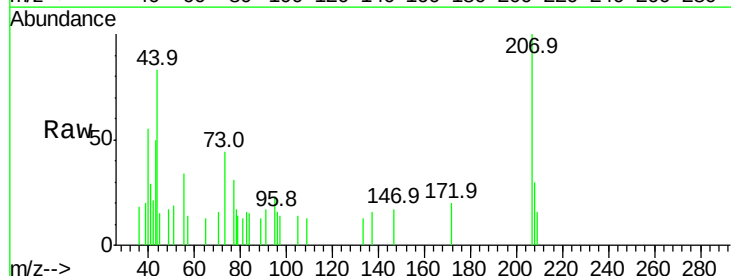
Instrument :
BNA_M
ClientSampleId :

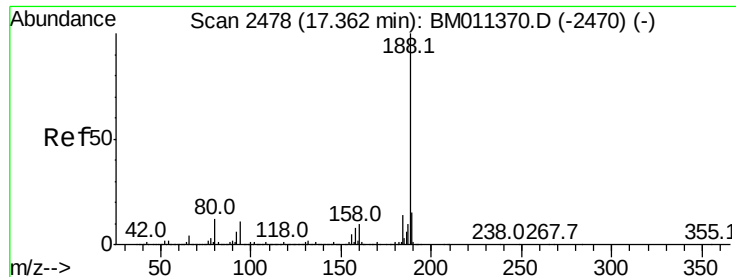
Tot Ion:172 Resp: 7344927
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.2 18.8 28.2



#47
2-Nitroaniline
Concen: 5.442 ng
RT: 13.70 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BM011452.D
Acq: 06 Sep 2017 10:24

Tgt Ion: 65 Resp: 113
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#

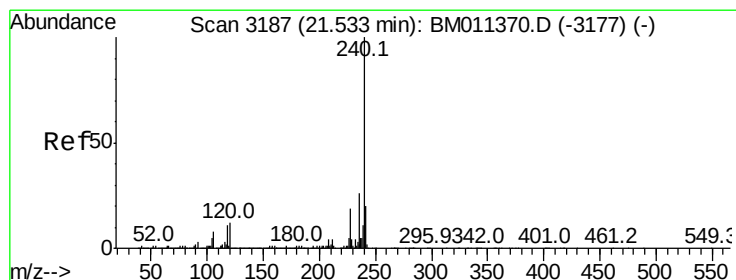
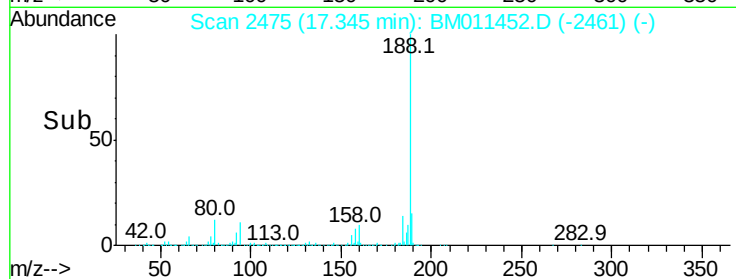
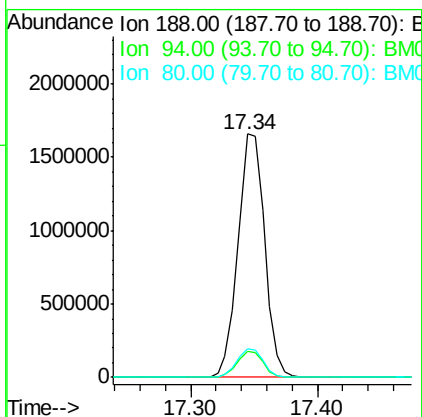
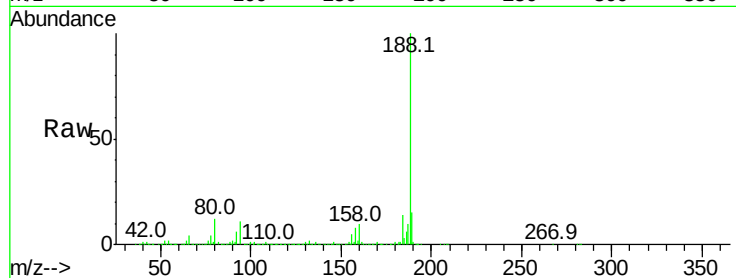




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BM011452.D
Acq: 06 Sep 2017 10:24

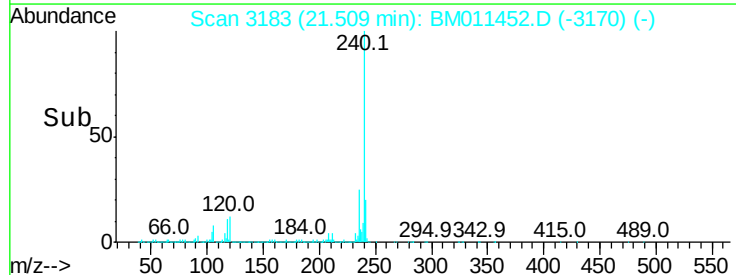
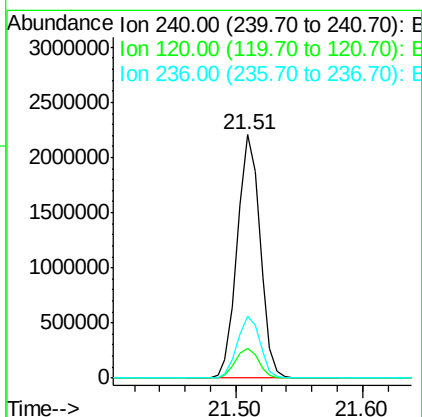
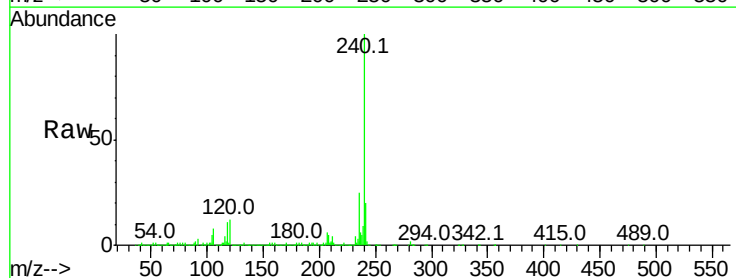
Instrument :
BNA_M
ClientSampleId :

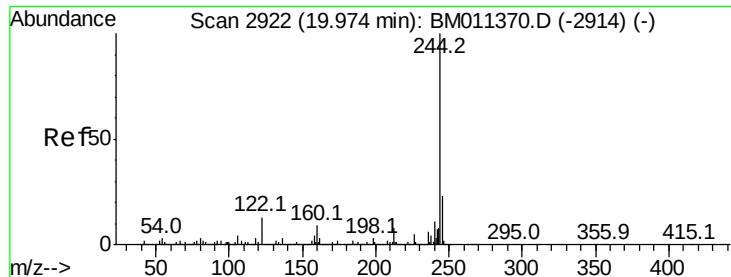
Tot Ion:188 Resp: 2410835
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BM011452.D
Acq: 06 Sep 2017 10:24

Tgt Ion:240 Resp: 2746431
Ion Ratio Lower Upper
240 100
120 12.5 8.2 12.2#
236 25.4 20.0 30.0





#78

Terphenyl-d14

Concen: 87.902 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011452.D

Acq: 06 Sep 2017 10:24

Instrument :

BNA_M

ClientSampleId :

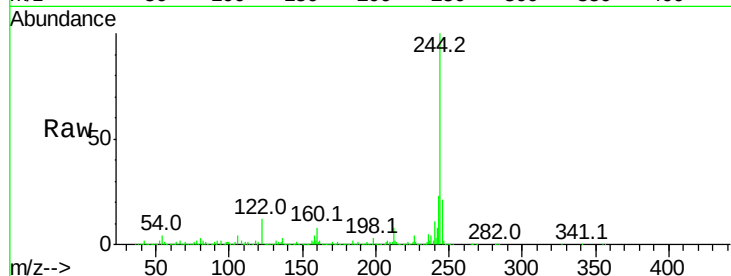
Tot Ion:244 Resp: 9729790

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

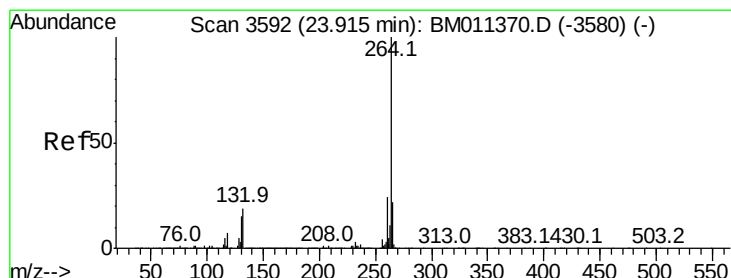
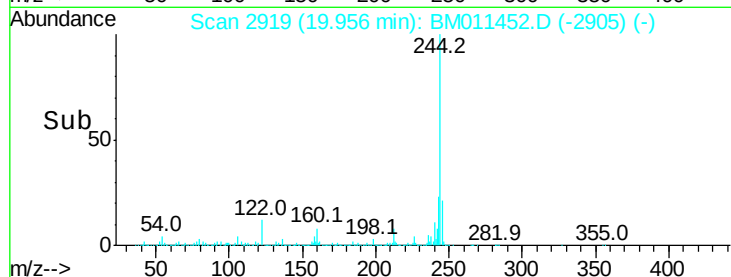
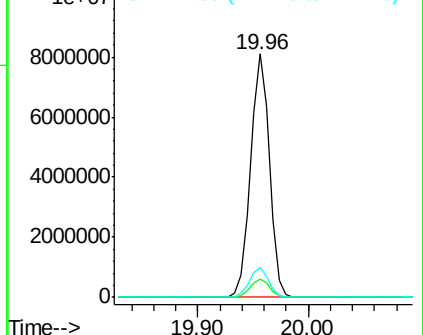
122 12.0 6.2 9.4#



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: 23.89 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BM011452.D

Acq: 06 Sep 2017 10:24

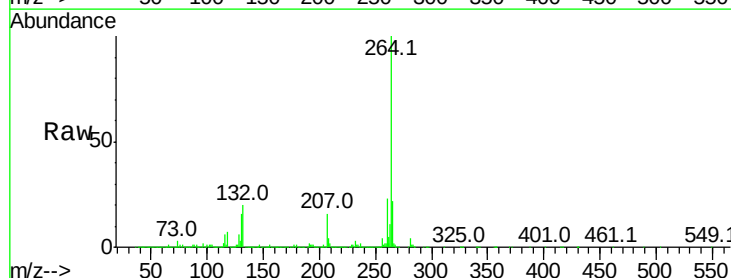
Tgt Ion:264 Resp: 2584615

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

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

