

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011428.D
 Acq On : 05 Sep 2017 12:12
 Operator : SJ/JU
 Sample : I5050-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT4651-1540

Quant Time: Sep 05 13:28:08 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

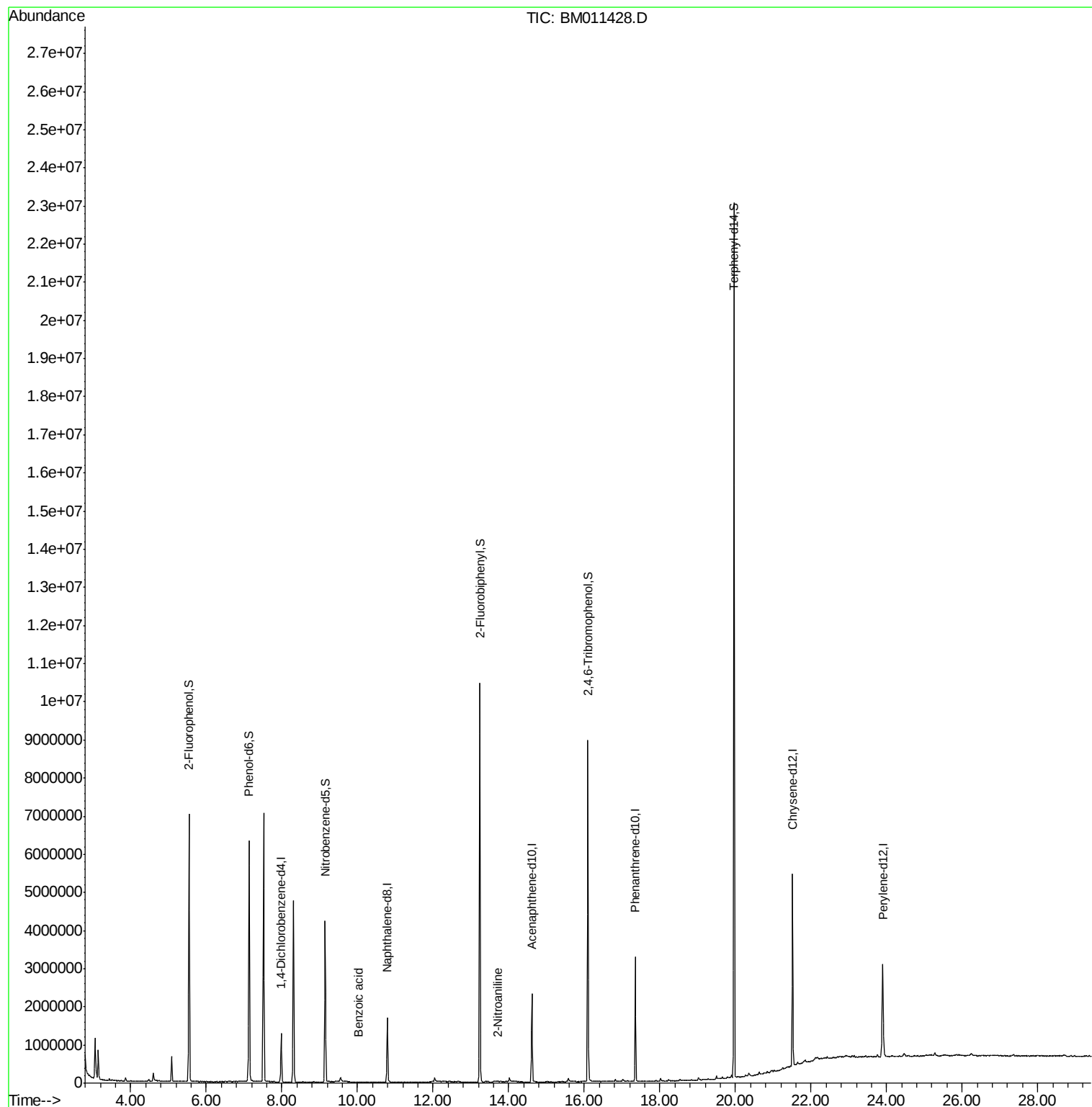
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	336797	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1371693	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	734037	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	1813481	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2261580	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1544582	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2797142	139.80	ng	0.00
7) Phenol-d6	7.13	99	3316723	119.55	ng	0.00
23) Nitrobenzene-d5	9.15	82	2120628	101.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1269210	149.45	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	5013946	98.46	ng	-0.01
78) Terphenyl-d14	19.96	244	8565863	93.98	ng	-0.01
Target Compounds						
32) Benzoic acid	10.04	122	117	6.547	ng	# 1
47) 2-Nitroaniline	13.72	65	107	5.444	ng	# 1

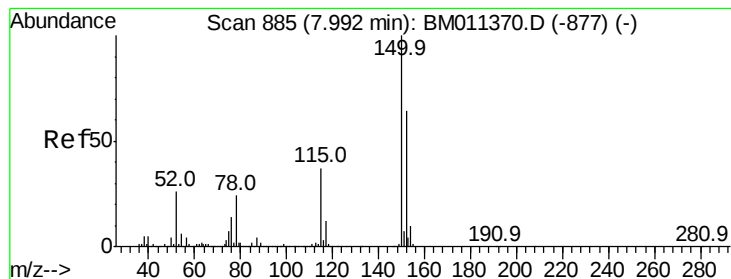
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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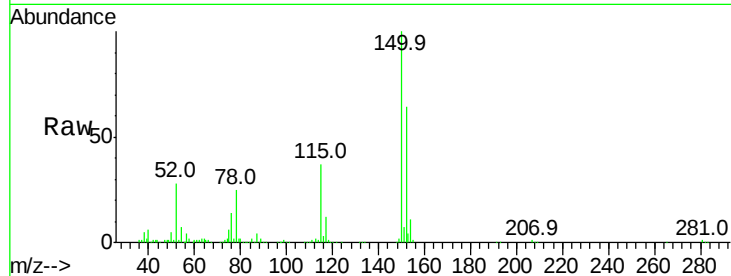


#1

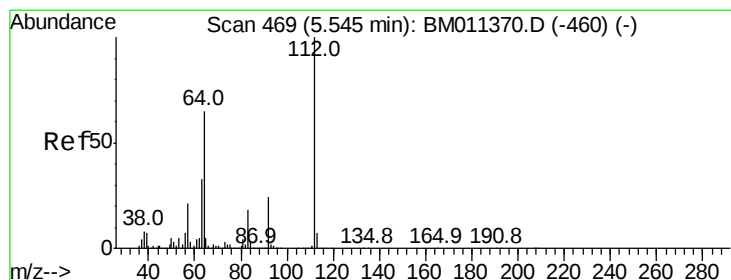
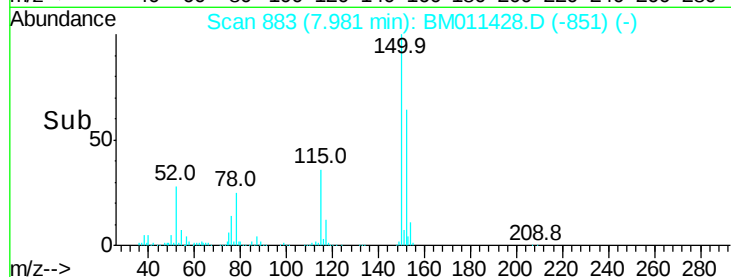
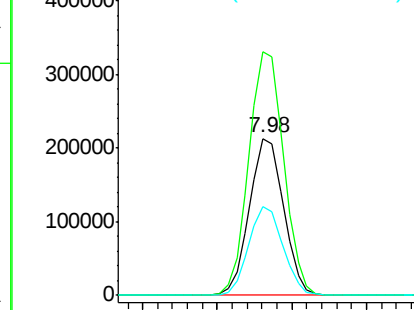
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011428.D
Acq: 05 Sep 2017 12:12

Instrument :
BNA_M
ClientSampleId :
RT4651-1540

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	119.5	179.3
115	56.6	43.0	64.4



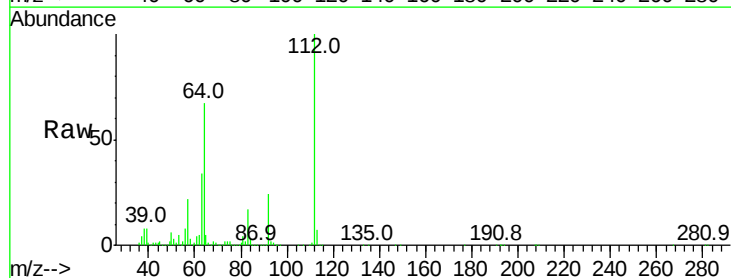
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



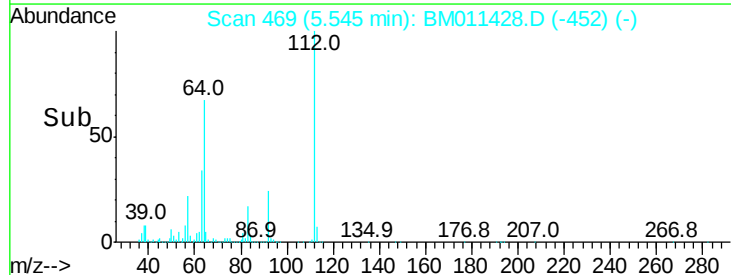
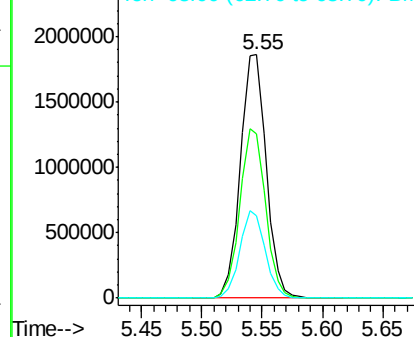
#5

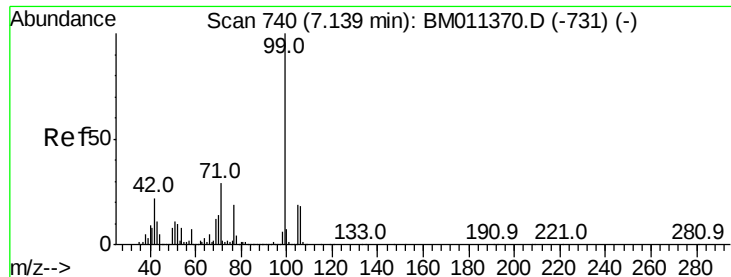
2-Fluorophenol
Concen: 139.798 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011428.D
Acq: 05 Sep 2017 12:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	38.6	57.8#
63	34.0	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: 119.547 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011428.D

Acq: 05 Sep 2017 12:12

Instrument :

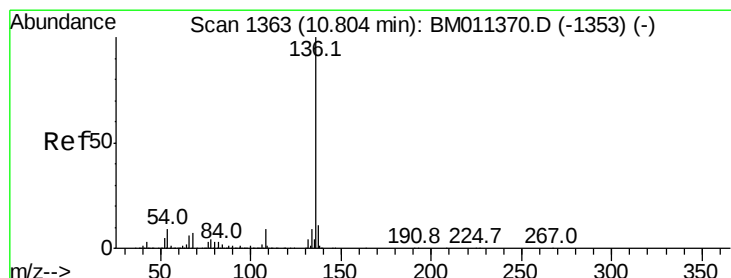
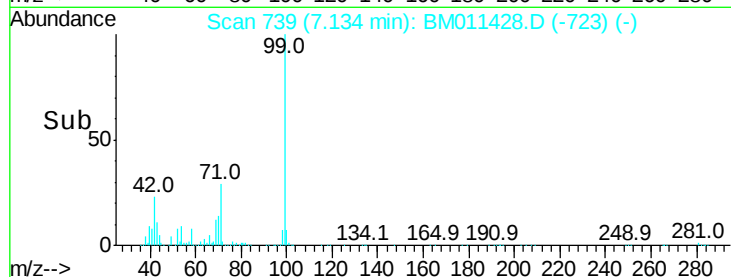
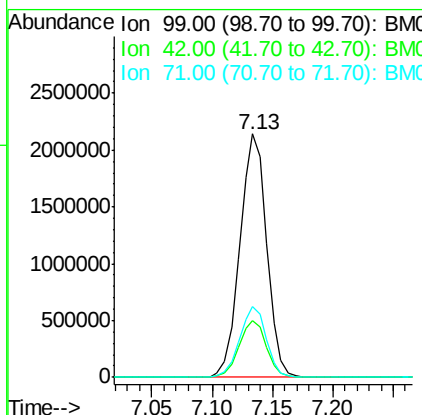
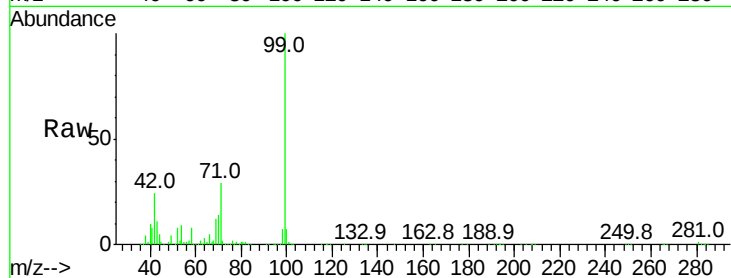
BNA_M

ClientSampleId :

RT4651-1540

Tot Ion: 99 Resp: 3316723

Ion	Ratio	Lower	Upper
99	100		
42	23.5	11.0	16.4#
71	29.2	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

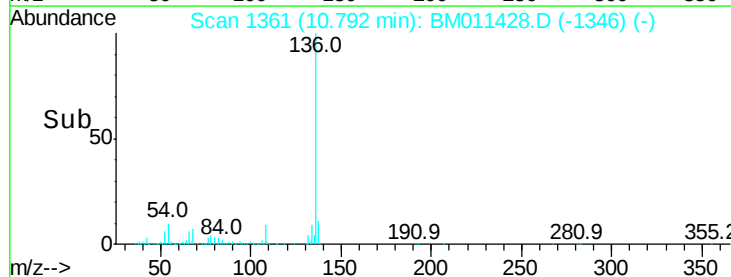
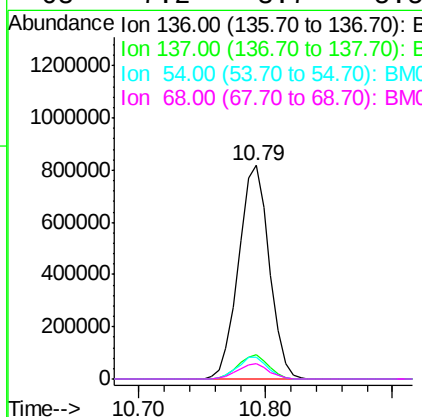
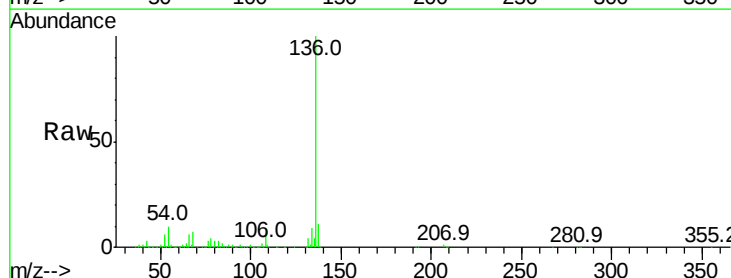
Delta R.T. -0.01 min

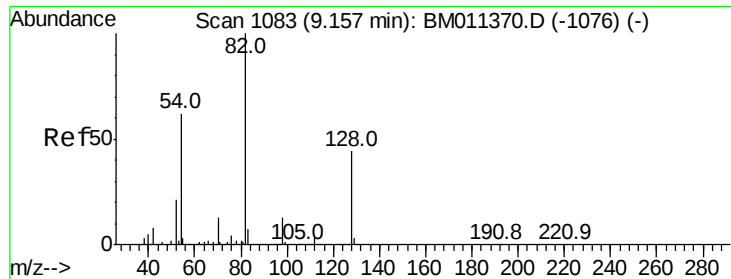
Lab File: BM011428.D

Acq: 05 Sep 2017 12:12

Tgt Ion: 136 Resp: 1371693

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.0	4.6	6.8#
68	7.2	3.7	5.5#

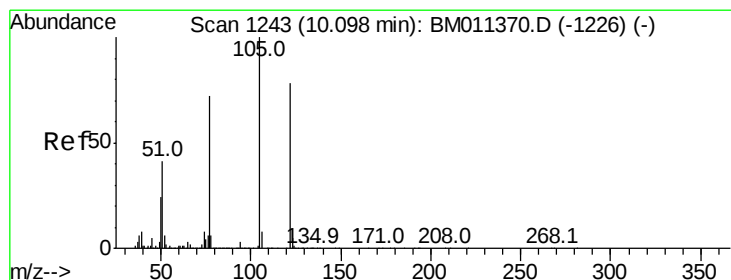
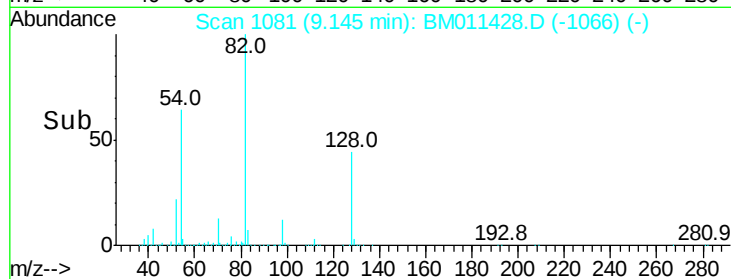
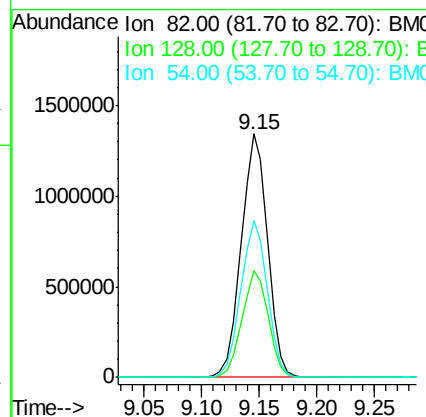
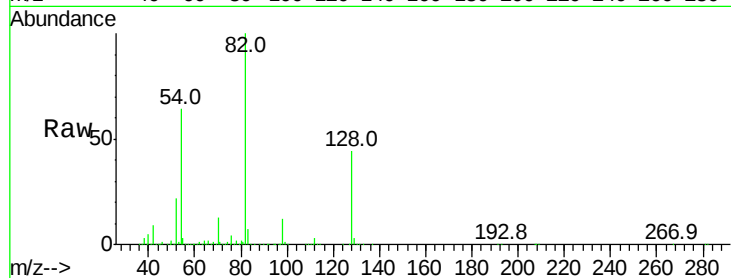




#23
 Nitrobenzene-d5
 Concen: 101.878 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011428.D
 Acq: 05 Sep 2017 12:12

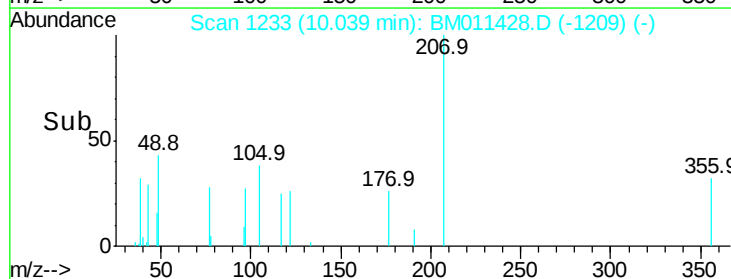
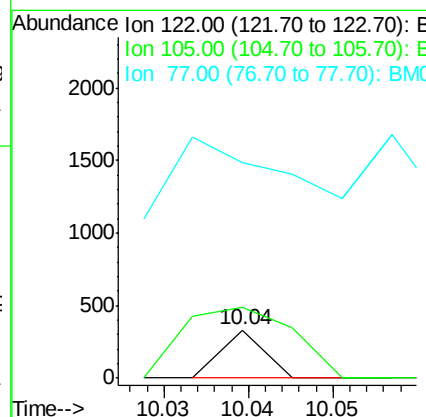
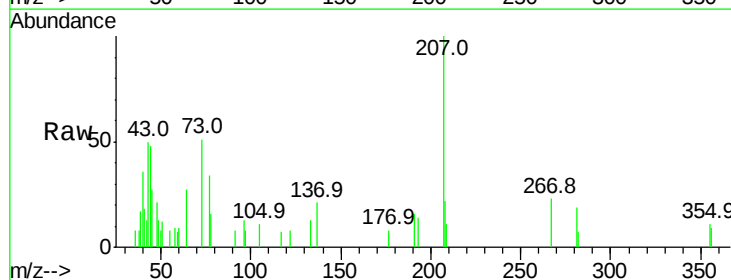
Instrument :
 BNA_M
 ClientSampleId :
 RT4651-1540

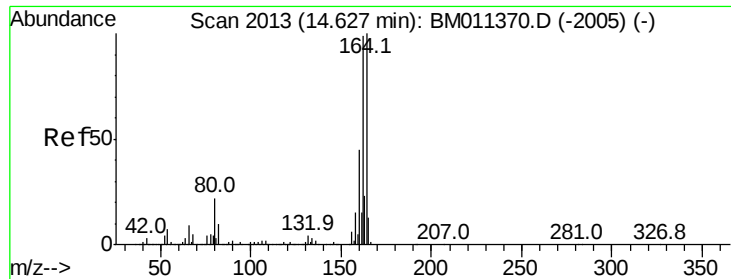
Tot Ion: 82 Resp: 2120628
 Ion Ratio Lower Upper
 82 100
 128 43.6 32.8 49.2
 54 64.3 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.547 ng
 RT: 10.04 min Scan# 1233
 Delta R.T. -0.06 min
 Lab File: BM011428.D
 Acq: 05 Sep 2017 12:12

Tgt Ion: 122 Resp: 117
 Ion Ratio Lower Upper
 122 100
 105 146.5 99.9 139.9#
 77 448.3 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: BM011428.D

Acq: 05 Sep 2017 12:12

Instrument :

BNA_M

ClientSampleId :

RT4651-1540

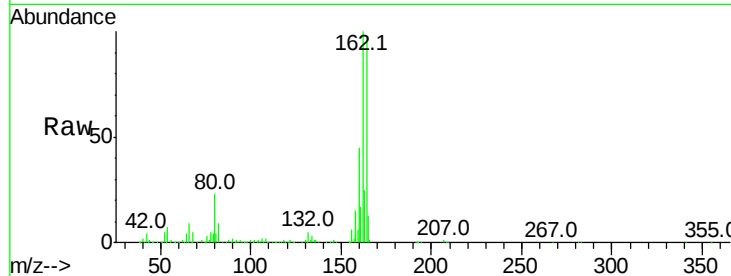
Tot Ion:164 Resp: 734037

Ion Ratio Lower Upper

164 100

162 102.9 82.4 123.6

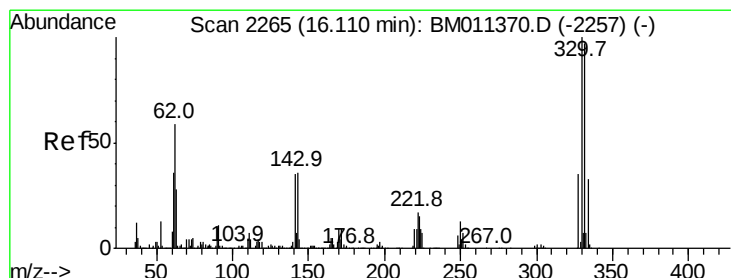
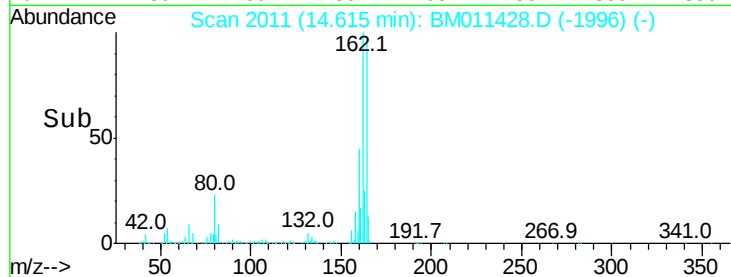
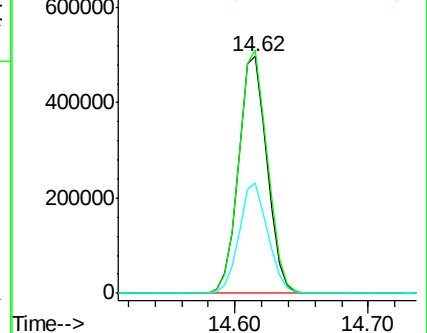
160 46.7 35.8 53.6



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: 149.451 ng

RT: 16.10 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM011428.D

Acq: 05 Sep 2017 12:12

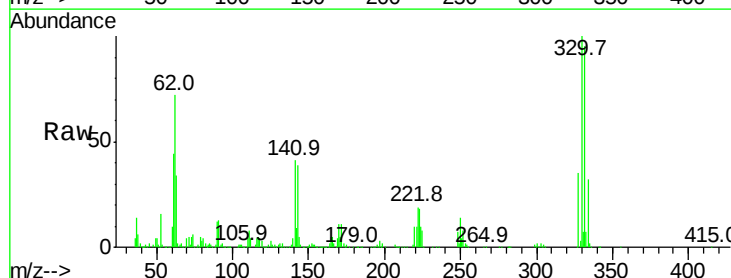
Tgt Ion:330 Resp: 1269210

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

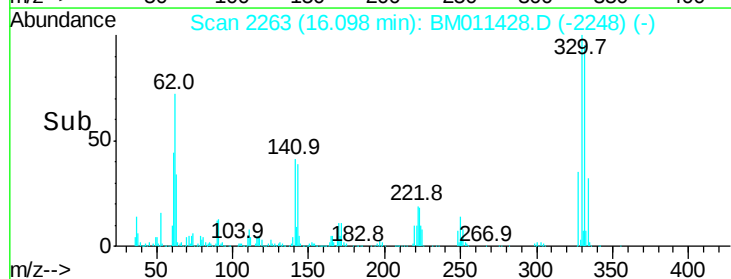
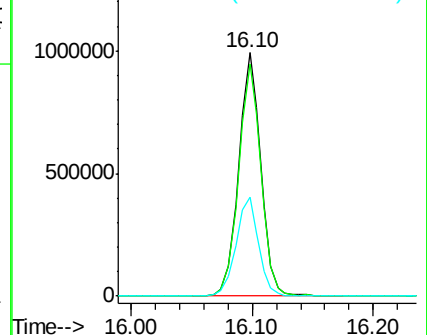
141 41.4 0.0 0.0#

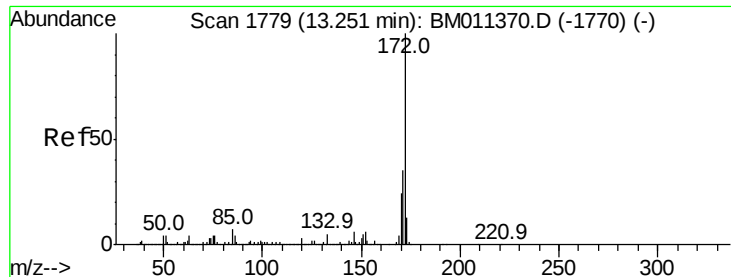


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

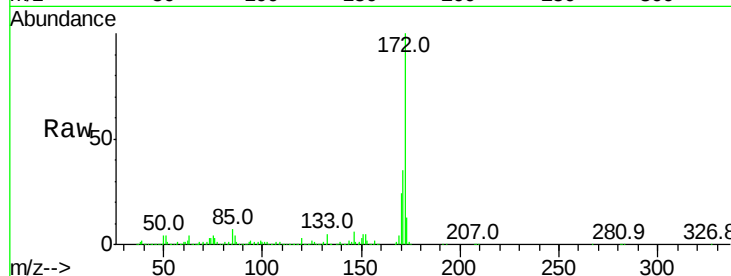




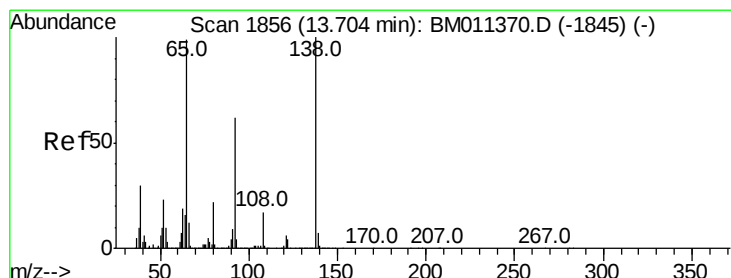
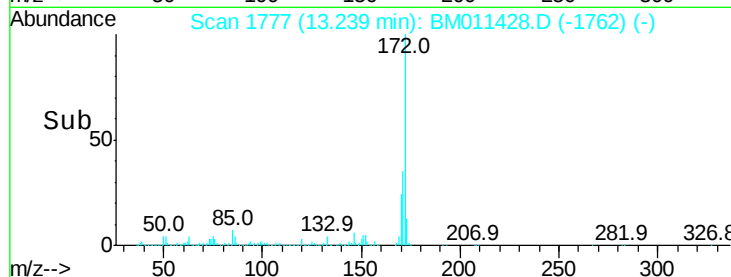
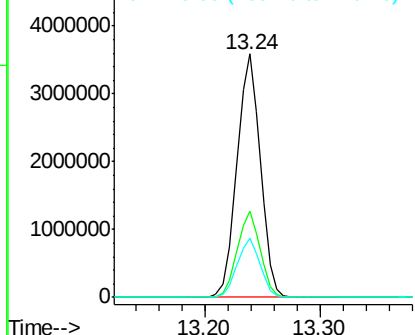
#44
2-Fluorobiphenyl
Concen: 98.462 ng
RT: 13.24 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM011428.D
Acq: 05 Sep 2017 12:12

Instrument :
BNA_M
ClientSampleId :
RT4651-1540

Tot Ion:172 Resp: 5013946
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 24.1 18.8 28.2

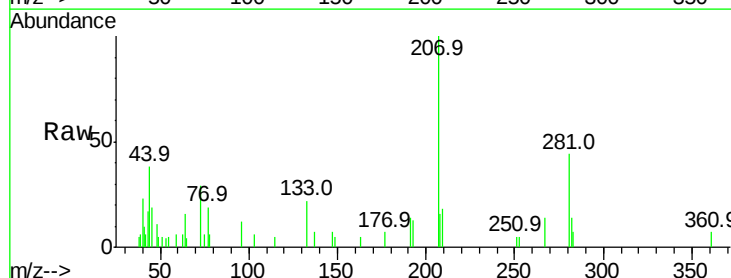


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

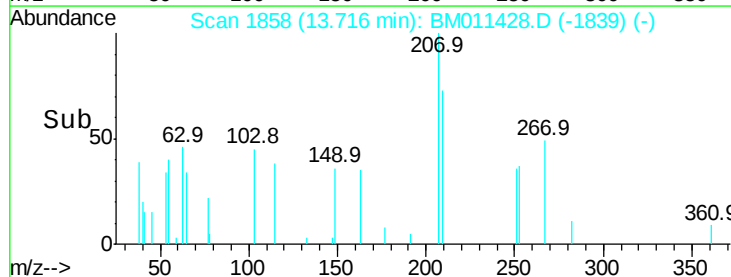
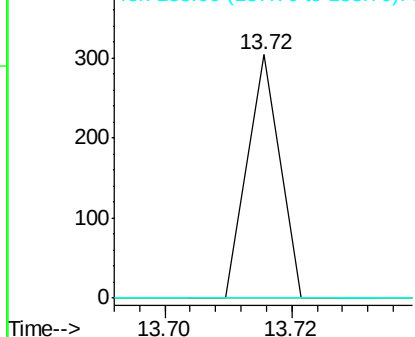


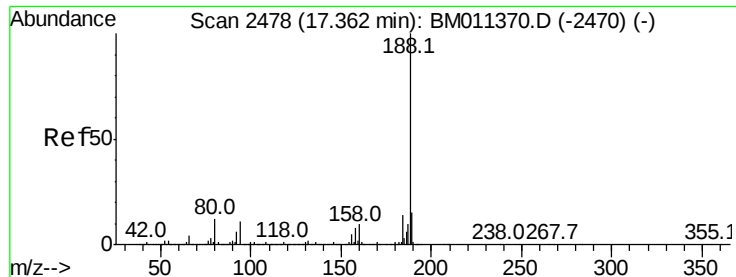
#47
2-Nitroaniline
Concen: 5.444 ng
RT: 13.72 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BM011428.D
Acq: 05 Sep 2017 12:12

Tgt Ion: 65 Resp: 107
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

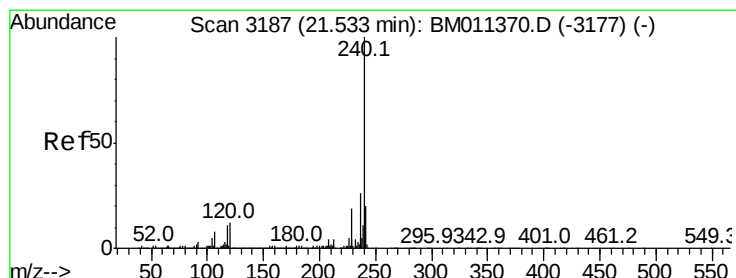
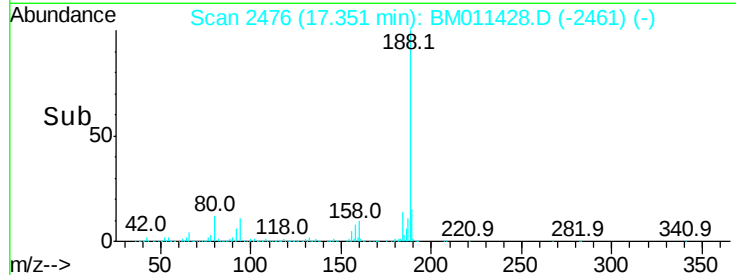
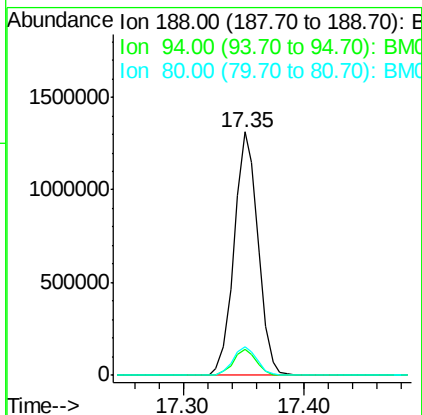
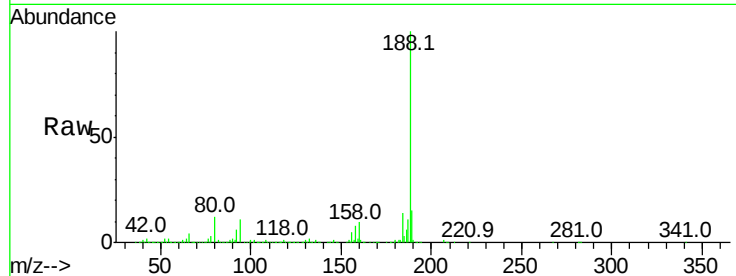




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011428.D
Acq: 05 Sep 2017 12:12

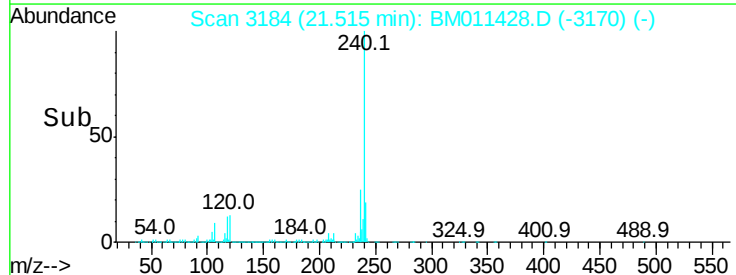
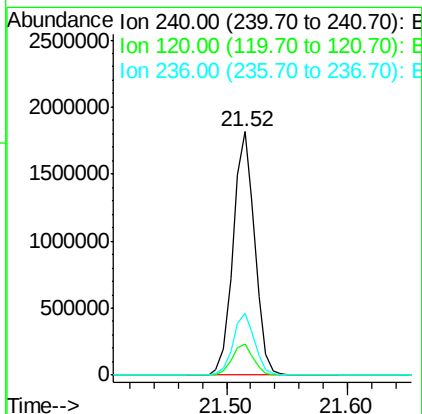
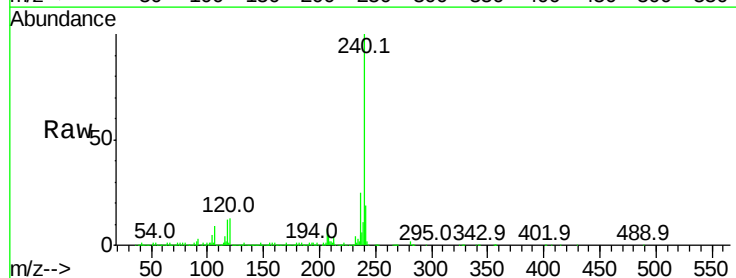
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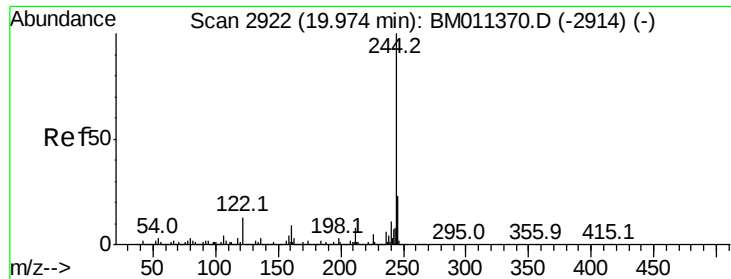
Tot Ion:188 Resp: 1813481
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011428.D
Acq: 05 Sep 2017 12:12

Tgt Ion:240 Resp: 2261580
Ion Ratio Lower Upper
240 100
120 12.8 8.2 12.2#
236 25.5 20.0 30.0





#78

Terphenyl-d14

Concen: 93.978 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011428.D

Acq: 05 Sep 2017 12:12

Instrument :

BNA_M

ClientSampleId :

RT4651-1540

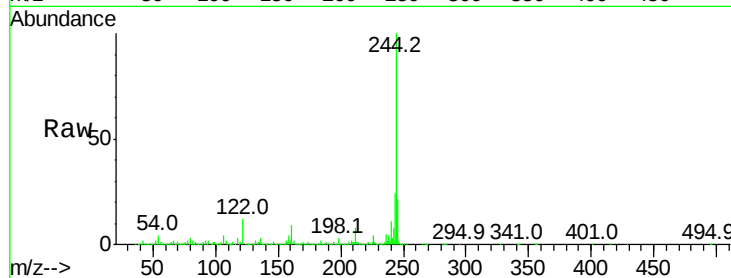
Tot Ion:244 Resp: 8565863

Ion Ratio Lower Upper

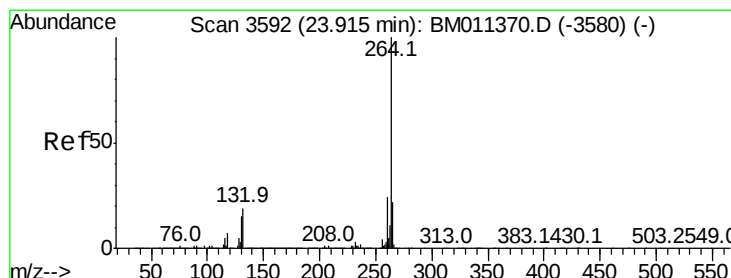
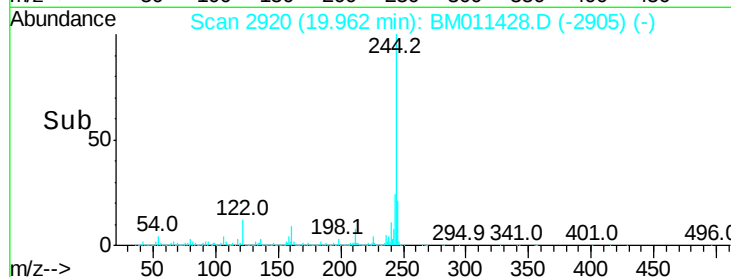
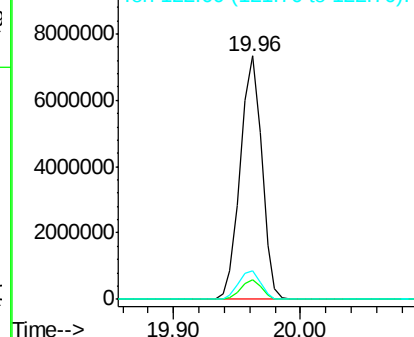
244 100

212 7.8 4.9 7.3#

122 11.9 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
1e+07 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# 3588

Delta R.T. -0.02 min

Lab File: BM011428.D

Acq: 05 Sep 2017 12:12

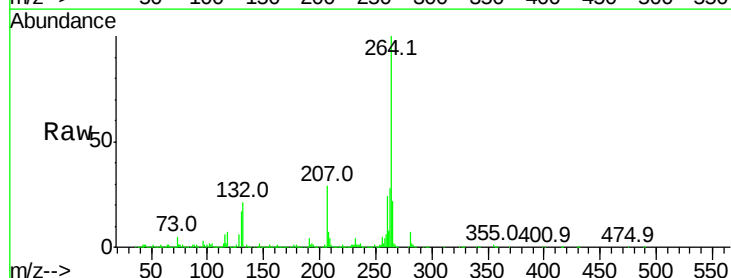
Tgt Ion:264 Resp: 1544582

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
1000000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

