

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011430.D
 Acq On : 05 Sep 2017 13:25
 Operator : SJ/JU
 Sample : I5068-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-083117

Quant Time: Sep 05 14:12:28 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

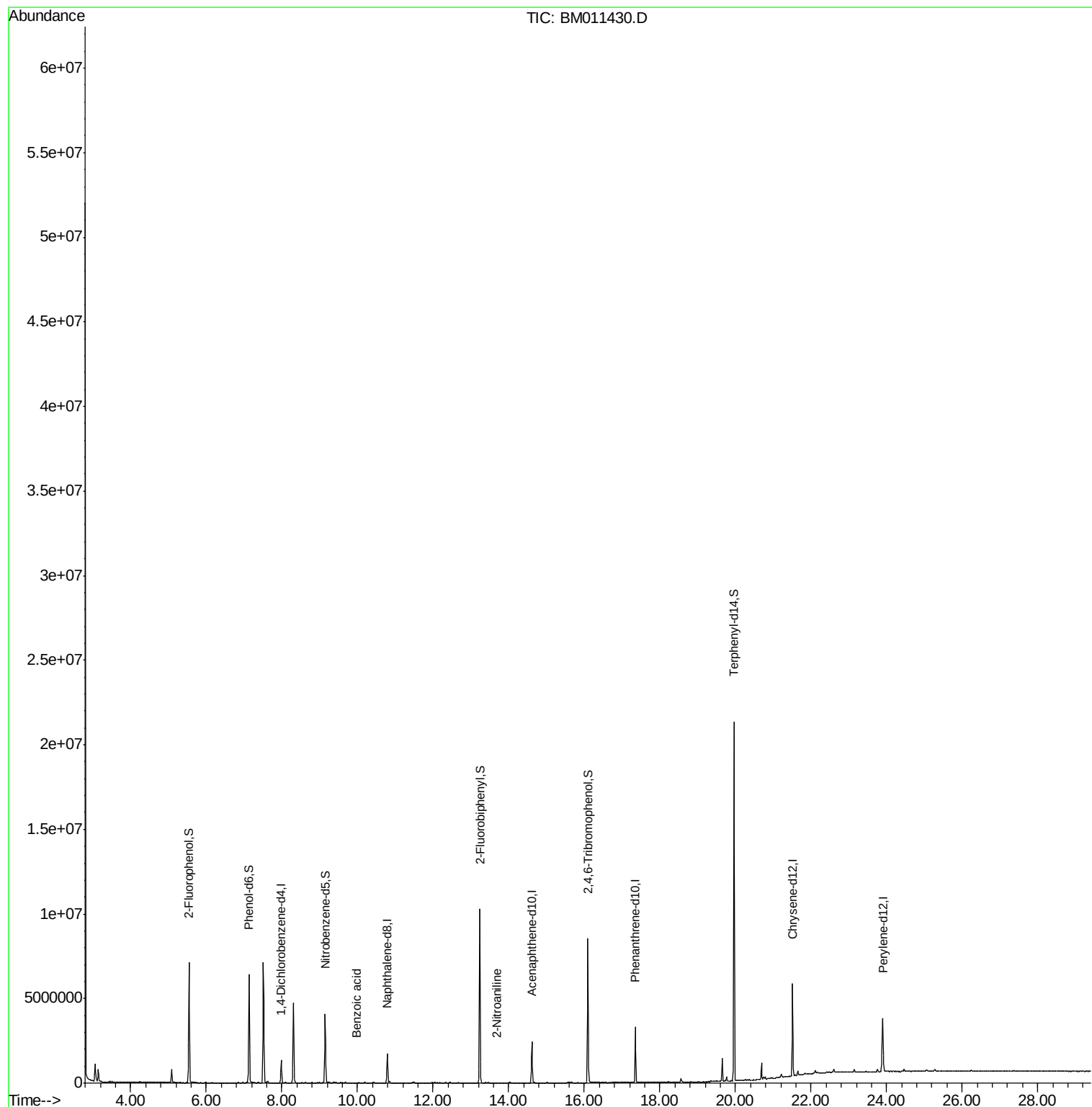
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	347374	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1436716	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	797204	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	1899565	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2414855	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2336185	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	2784184	134.91	ng	0.00
7) Phenol-d6	7.13	99	3325084	116.20	ng	0.00
23) Nitrobenzene-d5	9.15	82	2075704	95.21	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1241482	134.60	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	4990152	90.23	ng	-0.01
78) Terphenyl-d14	19.96	244	8241295	84.68	ng	-0.01
Target Compounds						
32) Benzoic acid	9.99	122	2023	6.653	ng	# 7
47) 2-Nitroaniline	13.69	65	117	5.444	ng	# 1

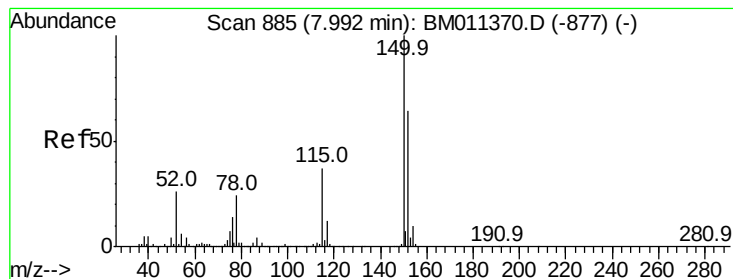
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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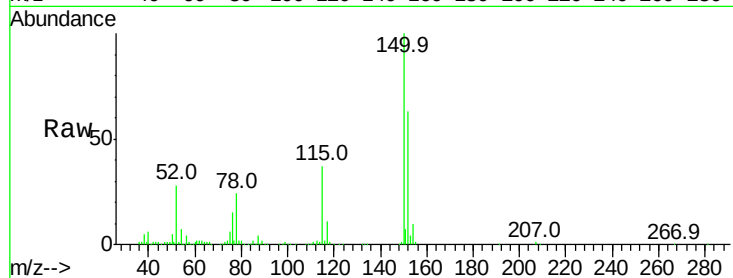


#1

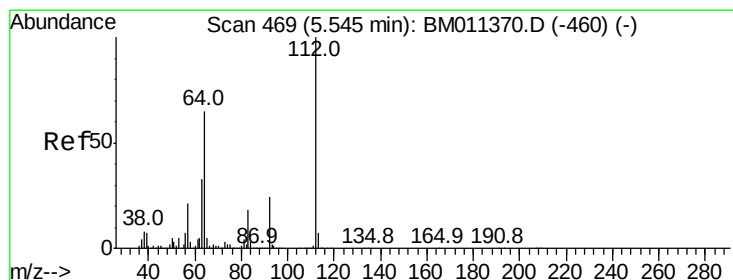
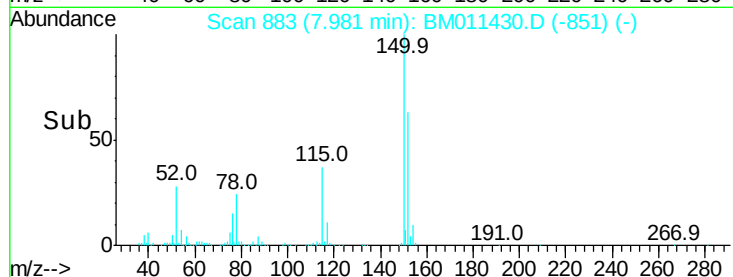
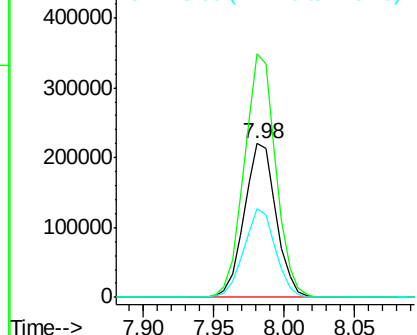
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011430.D
Acq: 05 Sep 2017 13:25

Instrument :
BNA_M
ClientSampleId :
HR-06-083117

Tot Ion:152 Resp: 347374
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 58.1 43.0 64.4



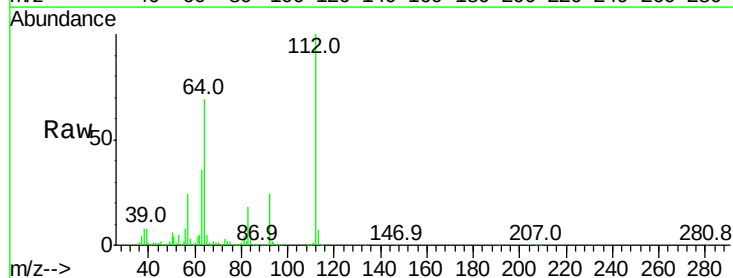
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



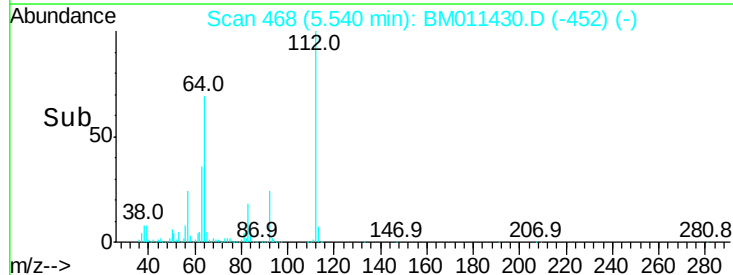
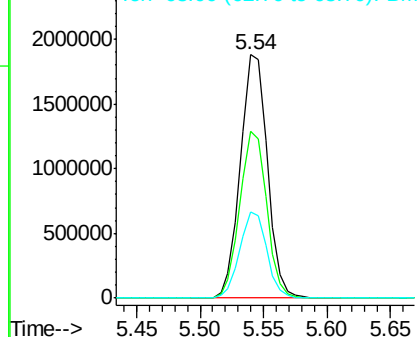
#5

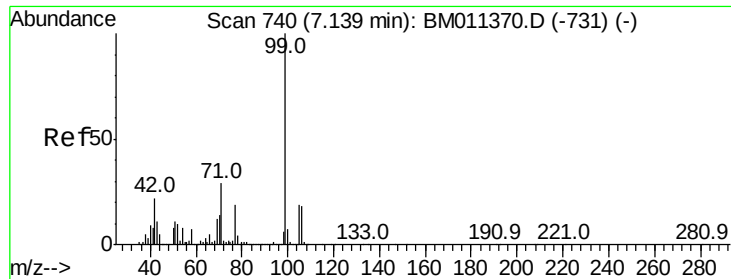
2-Fluorophenol
Concen: 134.914 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011430.D
Acq: 05 Sep 2017 13:25

Tgt Ion:112 Resp: 2784184
Ion Ratio Lower Upper
112 100
64 68.6 38.6 57.8#
63 35.5 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: 116.199 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011430.D

Acq: 05 Sep 2017 13:25

Instrument :

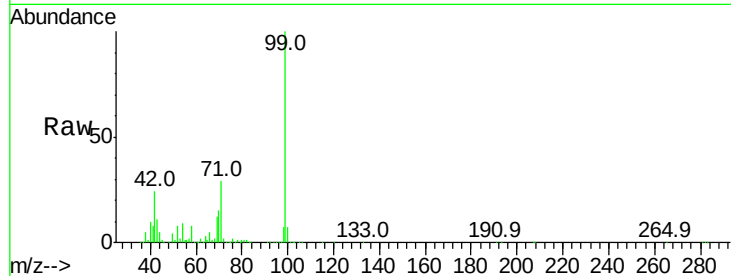
BNA_M

ClientSampleId :

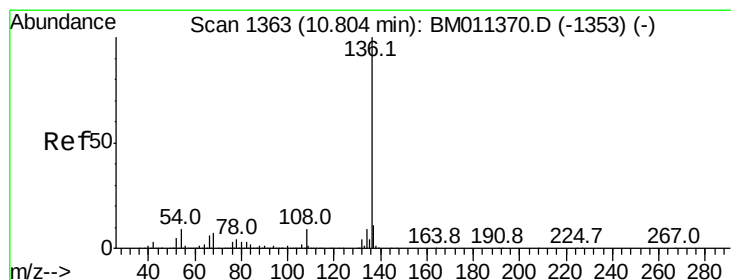
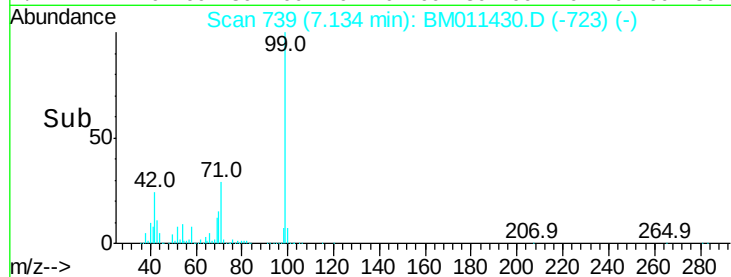
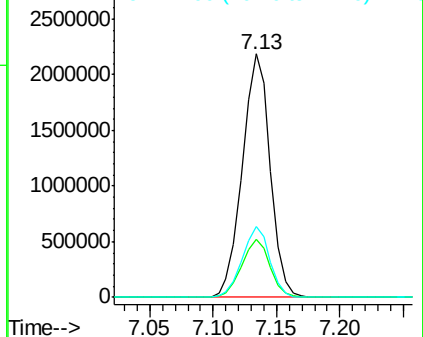
HR-06-083117

Tot Ion: 99 Resp: 3325084

Ion	Ratio	Lower	Upper
99	100		
42	23.7	11.0	16.4#
71	29.2	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011430.D (-723) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

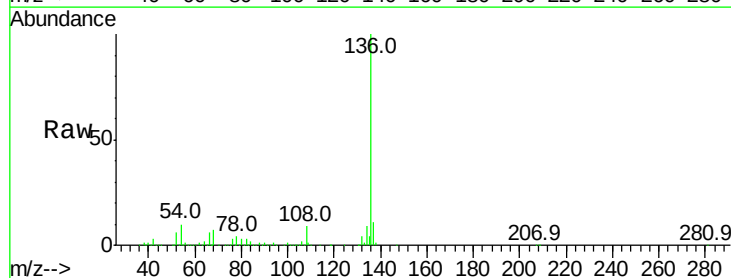
Delta R.T. -0.01 min

Lab File: BM011430.D

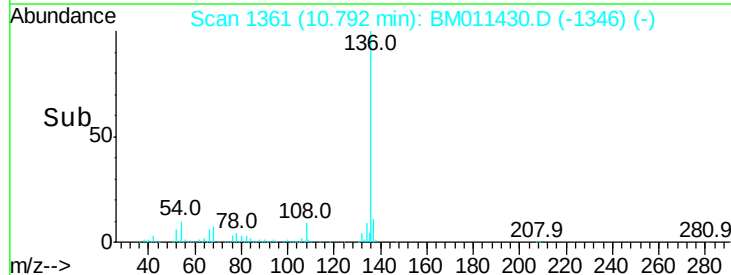
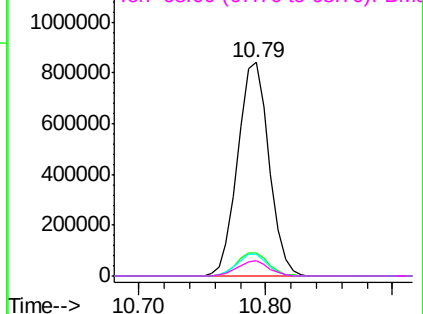
Acq: 05 Sep 2017 13:25

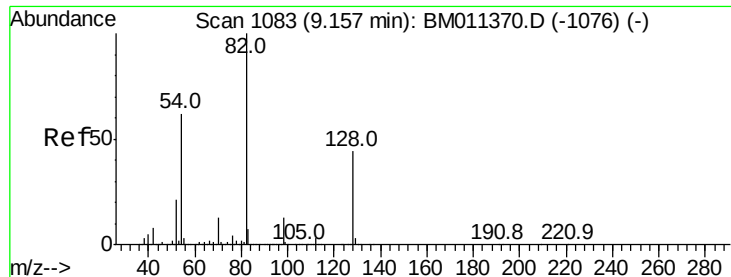
Tgt Ion: 136 Resp: 1436716

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.3	4.6	6.8#
68	7.1	3.7	5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011430.D (-1346) (-)



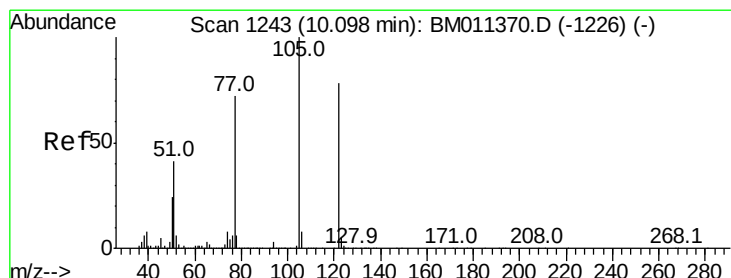
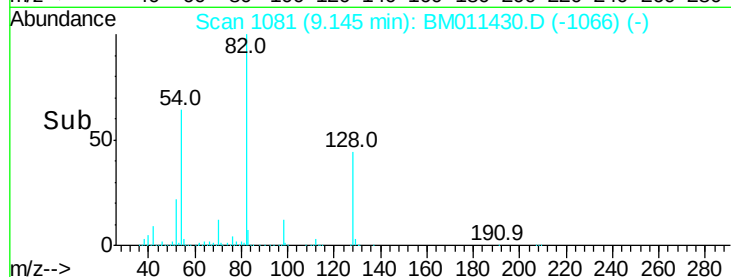
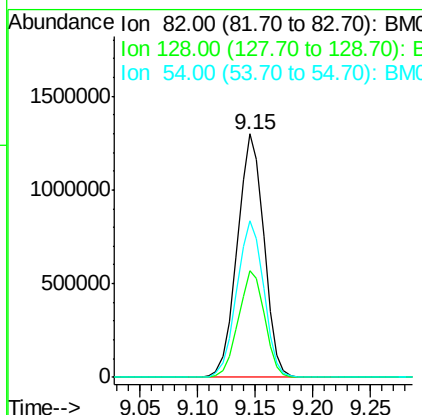
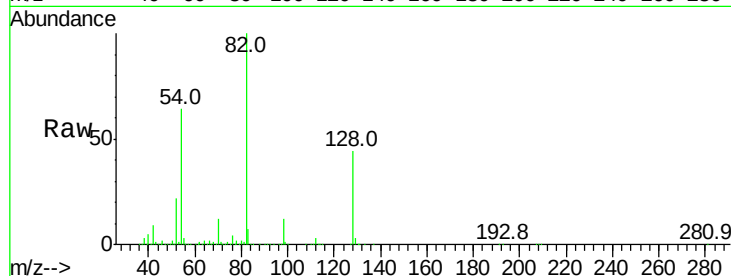


#23
 Nitrobenzene-d5
 Concen: 95.207 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011430.D
 Acq: 05 Sep 2017 13:25

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-083117

Tot Ion: 82 Resp: 2075704

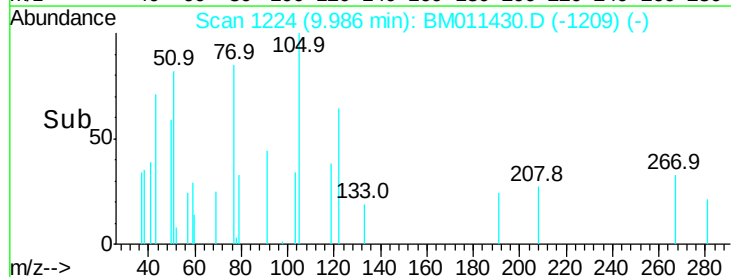
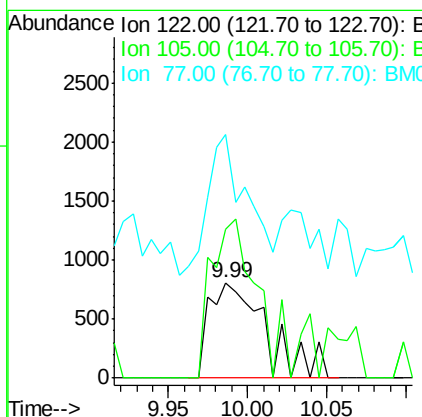
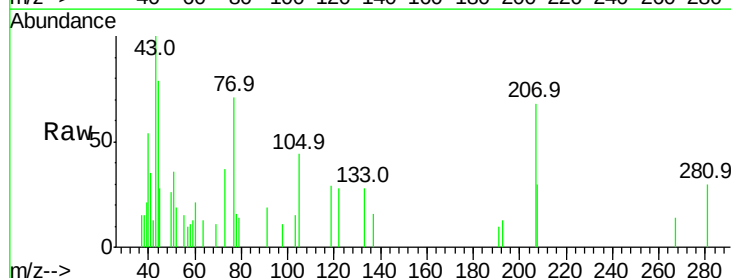
Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.8	49.2
54	64.4	40.6	60.8#

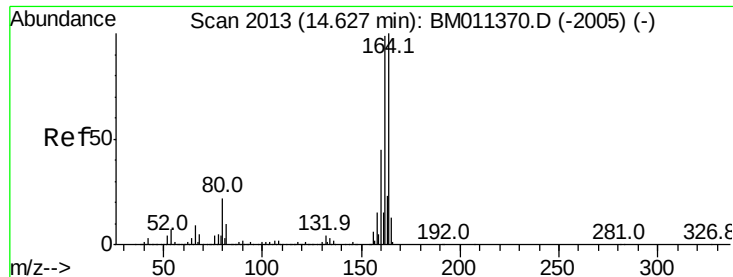


#32
 Benzoic acid
 Concen: 6.653 ng
 RT: 9.99 min Scan# 1224
 Delta R.T. -0.11 min
 Lab File: BM011430.D
 Acq: 05 Sep 2017 13:25

Tgt Ion: 122 Resp: 2023

Ion	Ratio	Lower	Upper
122	100		
105	156.9	99.9	139.9#
77	256.0	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: BM011430.D

Acq: 05 Sep 2017 13:25

Instrument :

BNA_M

ClientSampleId :

HR-06-083117

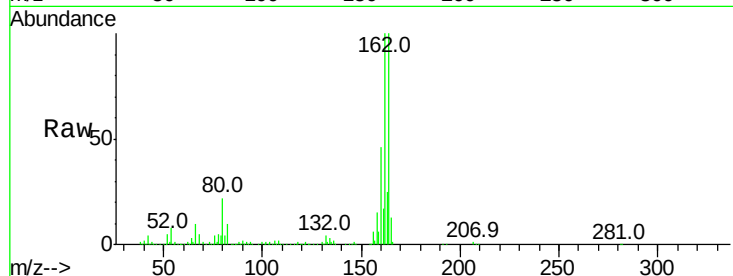
Tot Ion:164 Resp: 797204

Ion Ratio Lower Upper

164 100

162 100.5 82.4 123.6

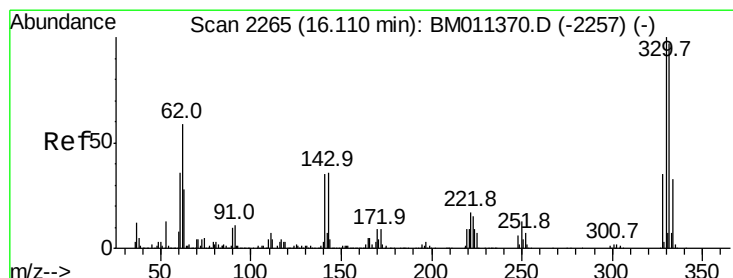
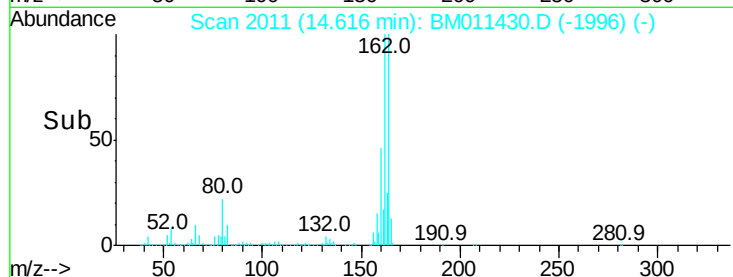
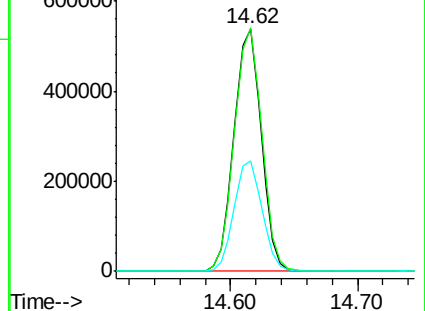
160 45.7 35.8 53.6



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: 134.603 ng

RT: 16.10 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM011430.D

Acq: 05 Sep 2017 13:25

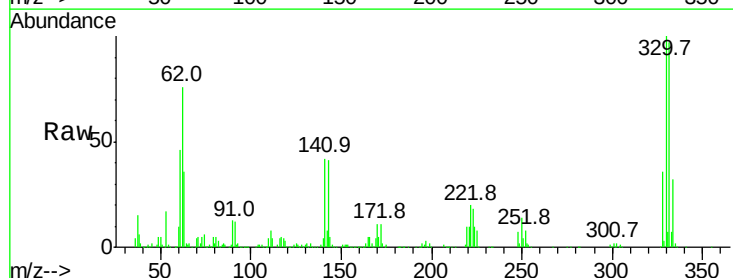
Tgt Ion:330 Resp: 1241482

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

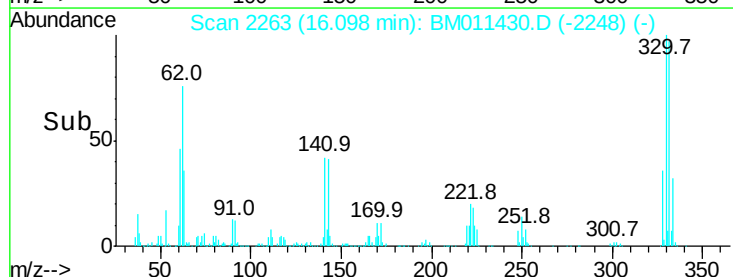
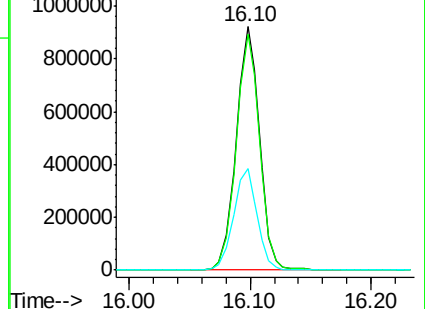
141 42.0 0.0 0.0#

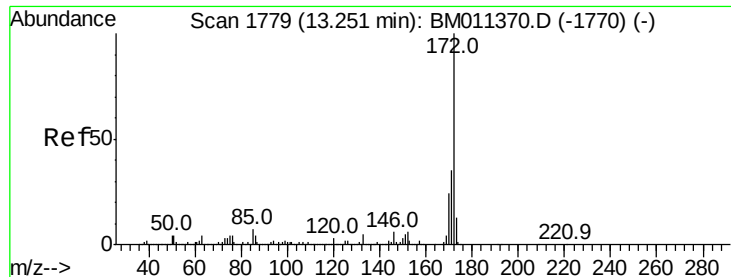


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

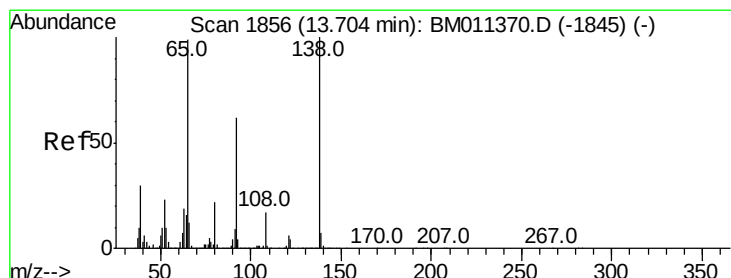
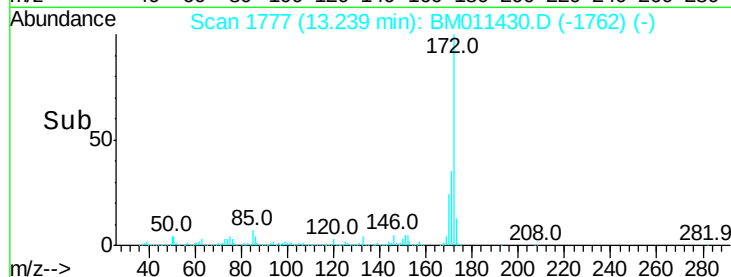
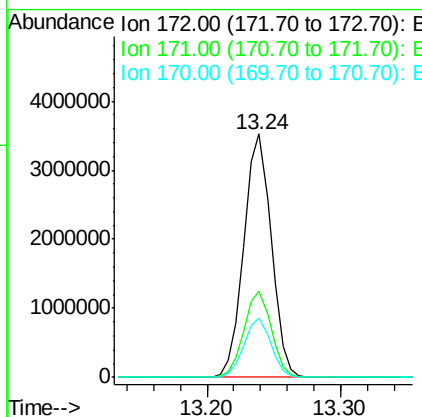
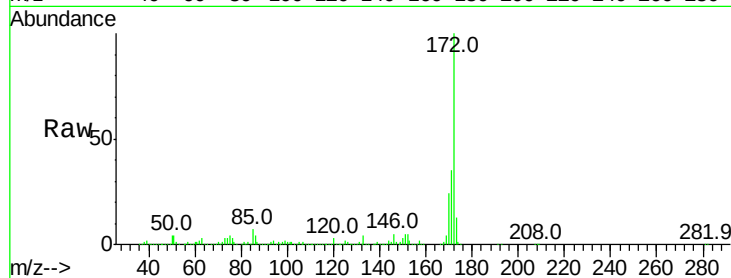




#44
2-Fluorobiphenyl
Concen: 90.230 ng
RT: 13.24 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM011430.D
Acq: 05 Sep 2017 13:25

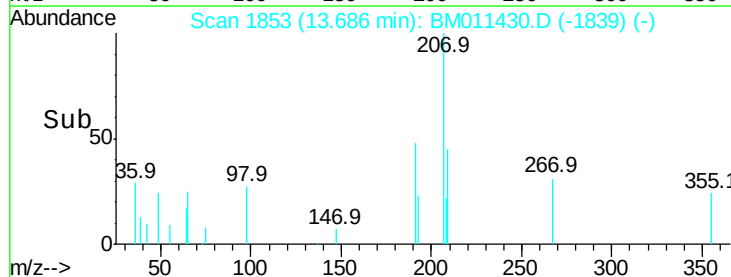
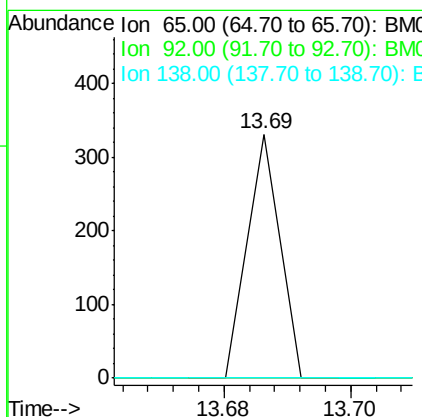
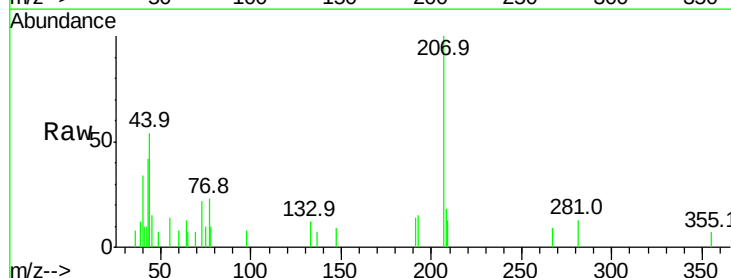
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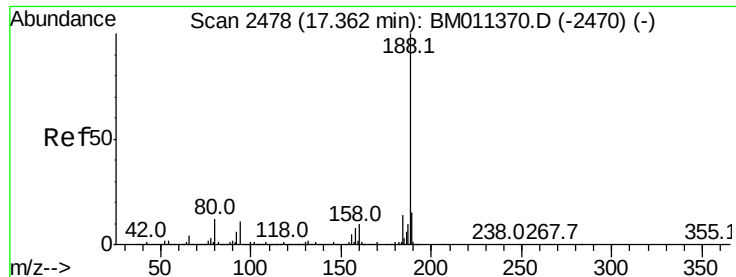
Tot Ion:172 Resp: 4990152
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.2 18.8 28.2



#47
2-Nitroaniline
Concen: 5.444 ng
RT: 13.69 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BM011430.D
Acq: 05 Sep 2017 13:25

Tgt Ion: 65 Resp: 117
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#

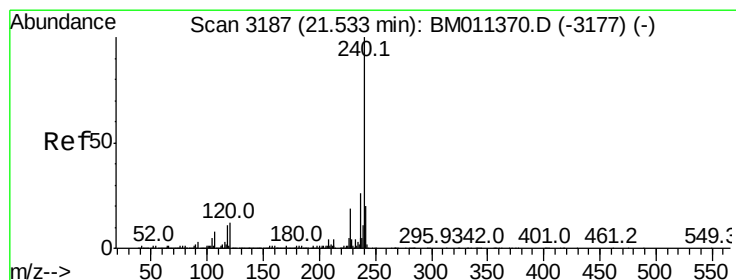
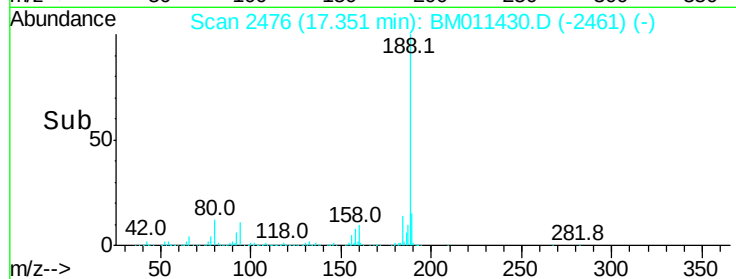
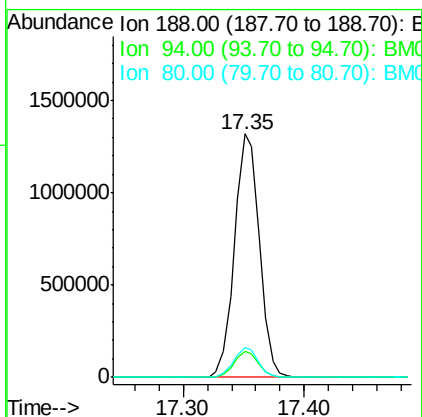
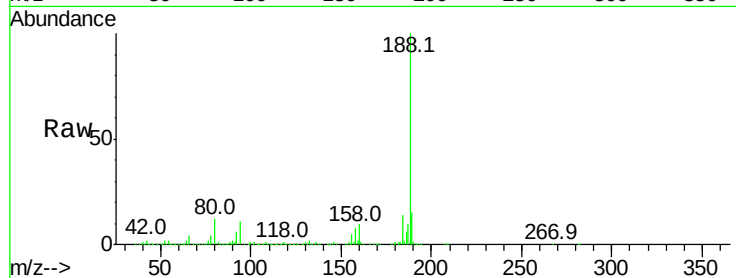




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011430.D
Acq: 05 Sep 2017 13:25

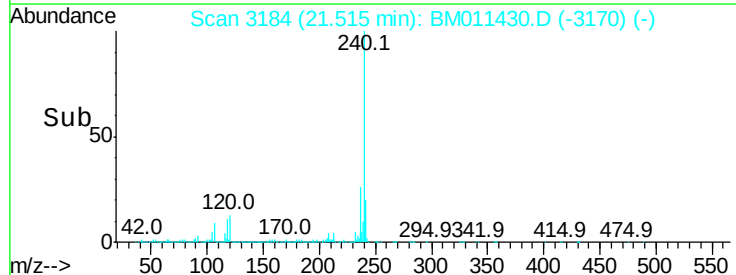
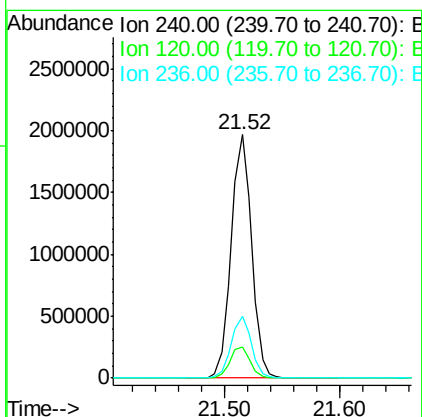
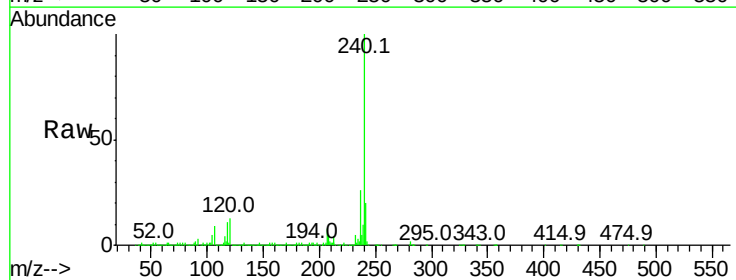
Instrument :
BNA_M
ClientSampleId :
HR-06-083117

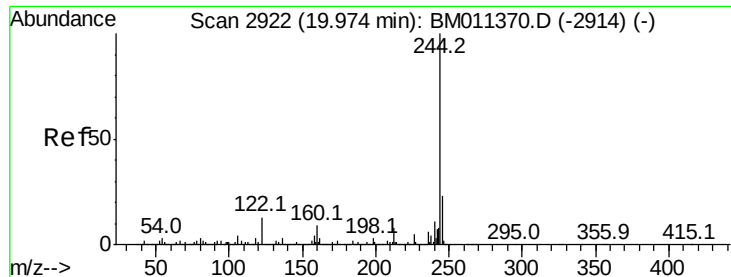
Tot Ion:188 Resp: 1899565
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 12.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011430.D
Acq: 05 Sep 2017 13:25

Tgt Ion:240 Resp: 2414855
Ion Ratio Lower Upper
240 100
120 12.6 8.2 12.2#
236 25.6 20.0 30.0





#78

Terphenyl-d14

Concen: 84.678 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011430.D

Acq: 05 Sep 2017 13:25

Instrument :

BNA_M

ClientSampleId :

HR-06-083117

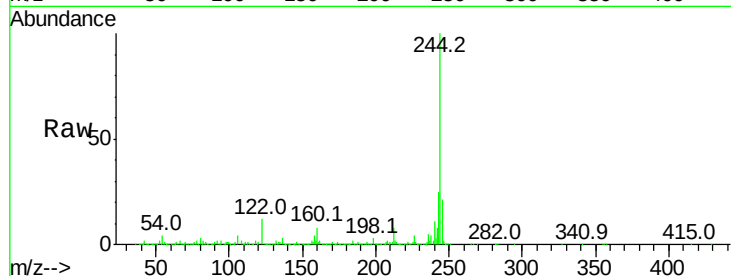
Tot Ion:244 Resp: 8241295

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

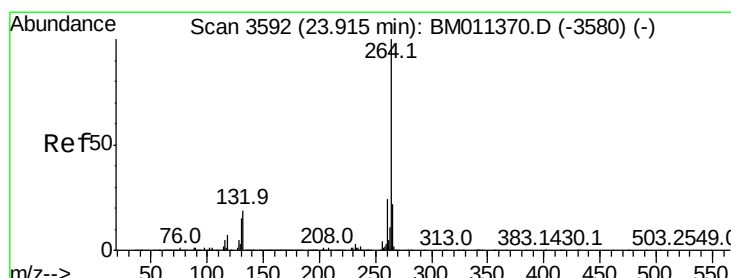
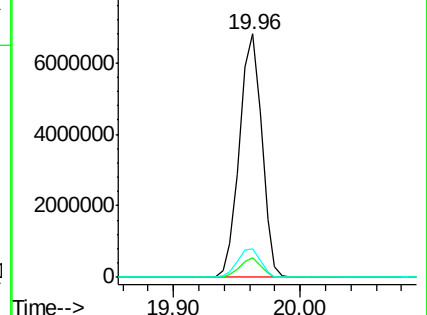
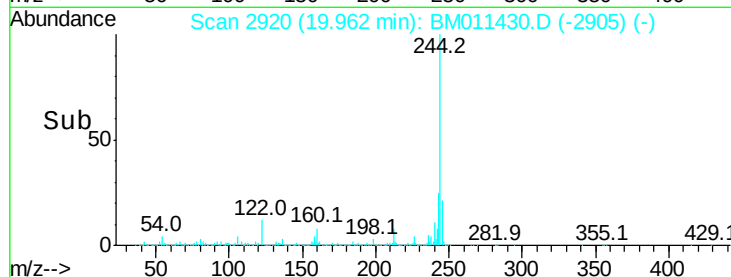
122 11.9 6.2 9.4#



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: BM011430.D

Acq: 05 Sep 2017 13:25

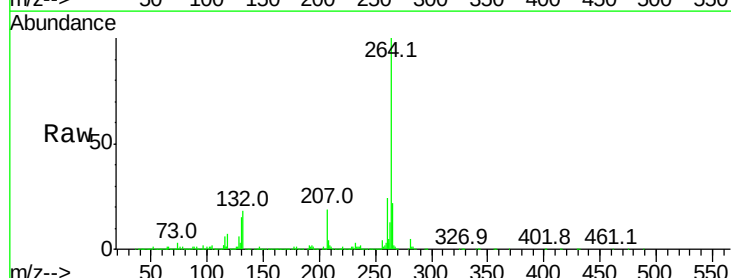
Tgt Ion:264 Resp: 2336185

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 22.1 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

