

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
 Data File : BM011456.D
 Acq On : 07 Sep 2017 16:02
 Operator : SJ/JU
 Sample : I5110-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1

Quant Time: Sep 08 07:47:07 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

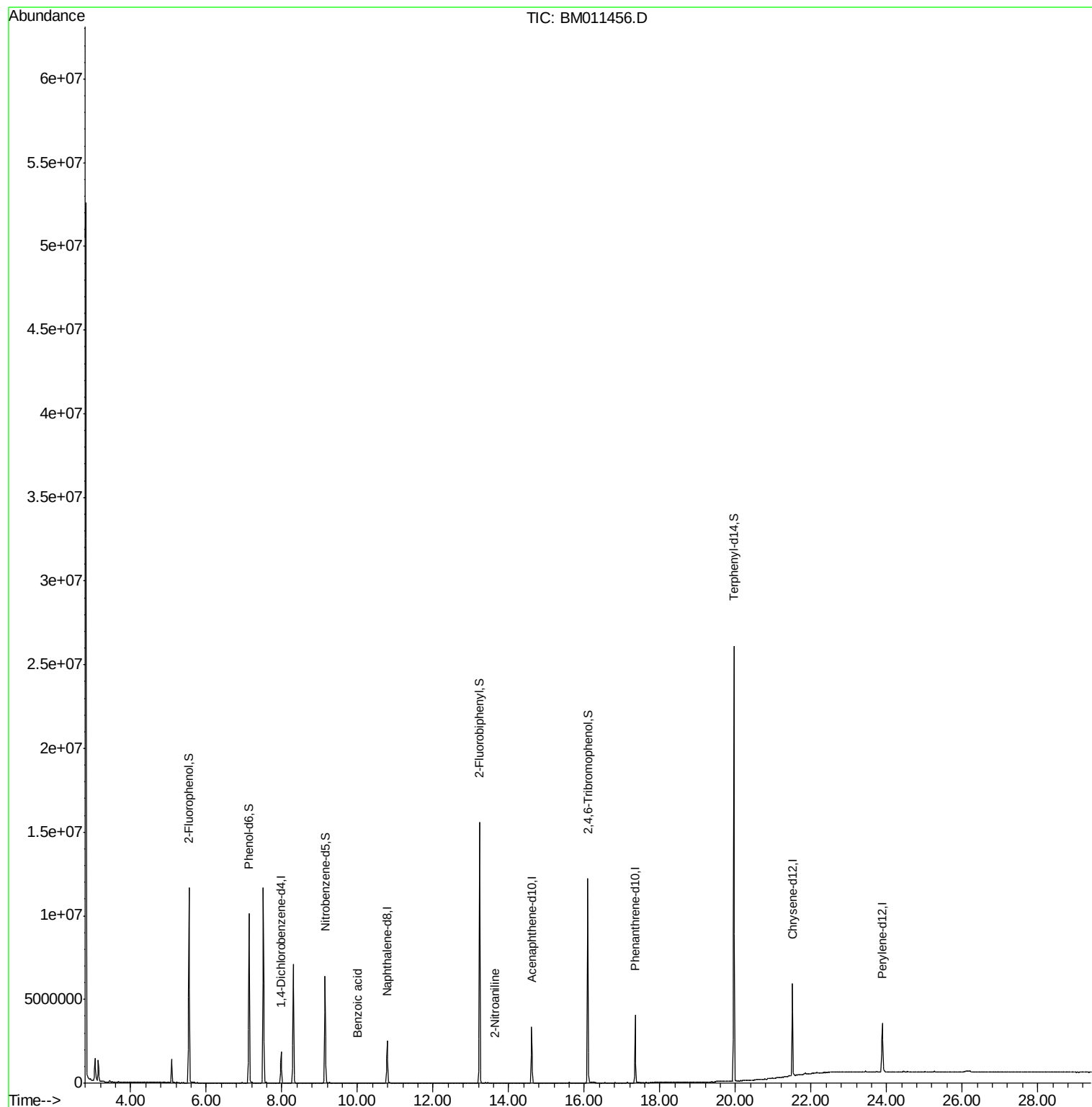
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	483106	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	2016046	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	1068979	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	2332186	20.00	ng	-0.02
75) Chrysene-d12	21.51	240	2480849	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2090142	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	4498087	156.73	ng	0.00
7) Phenol-d6	7.13	99	5463350	137.28	ng	0.00
23) Nitrobenzene-d5	9.15	82	3369436	110.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1854040	149.91	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	7491646	101.02	ng	-0.02
78) Terphenyl-d14	19.96	244	10203594	102.05	ng	-0.02
Target Compounds						
32) Benzoic acid	10.00	122	2249	6.630	ng	95
47) 2-Nitroaniline	13.64	65	107	5.442	ng	# 1

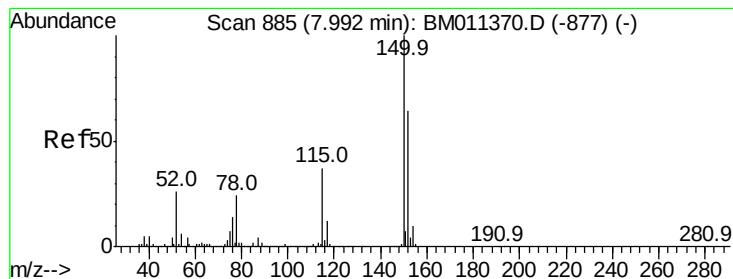
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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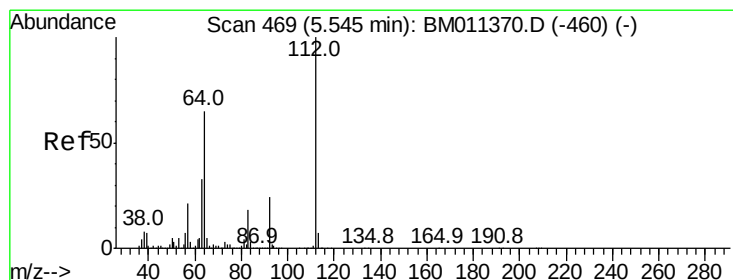
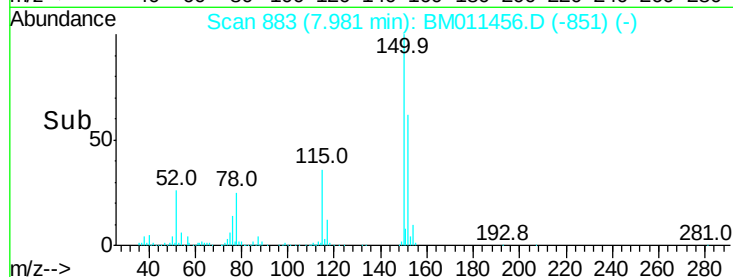
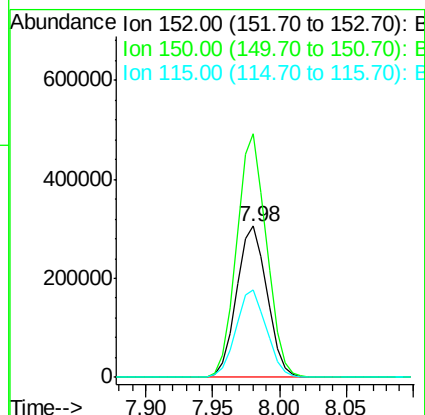
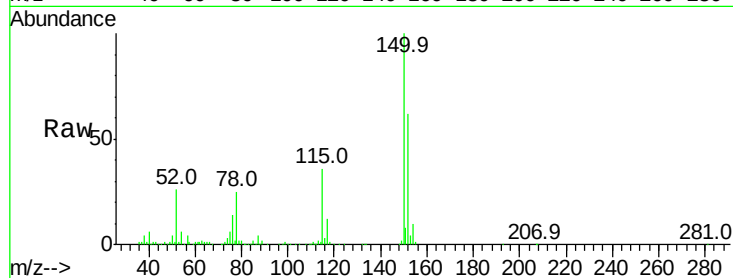


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011456.D
Acq: 07 Sep 2017 16:02

Instrument :
BNA_M
ClientSampleId :
SP-1

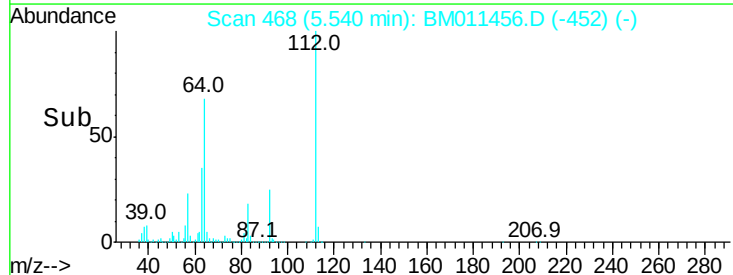
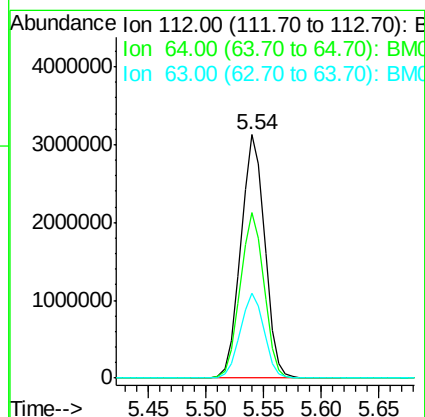
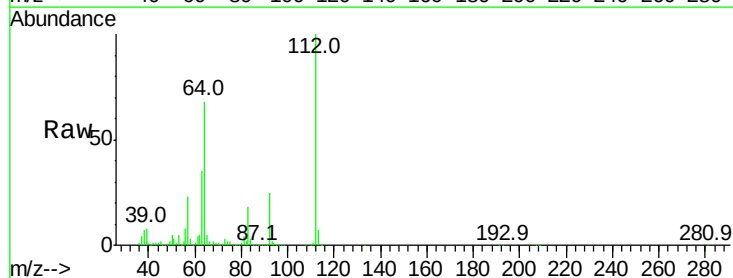
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	119.5	179.3
115	57.6	43.0	64.4

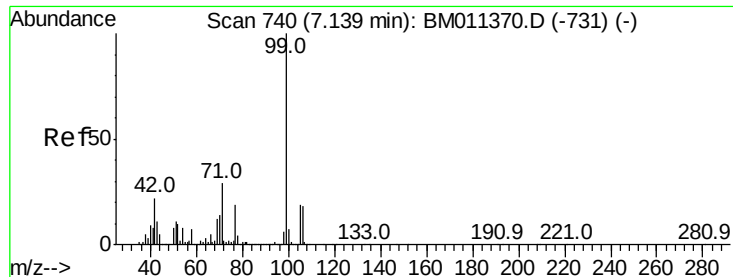


#5

2-Fluorophenol
Concen: 156.726 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011456.D
Acq: 07 Sep 2017 16:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	38.6	57.8#
63	34.9	19.3	28.9#





#7

Phenol-d6

Concen: 137.282 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011456.D

Acq: 07 Sep 2017 16:02

Instrument :

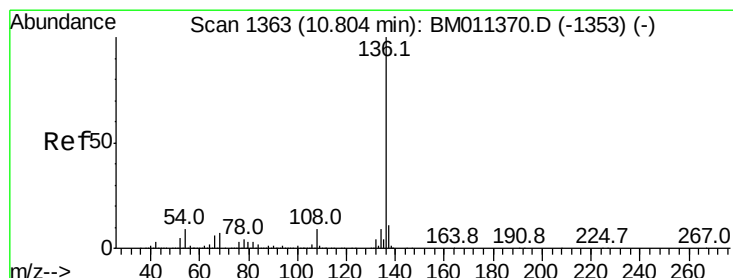
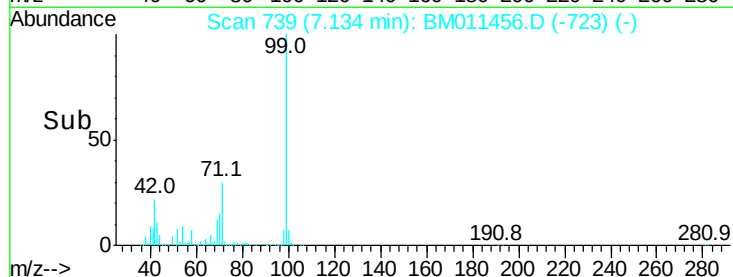
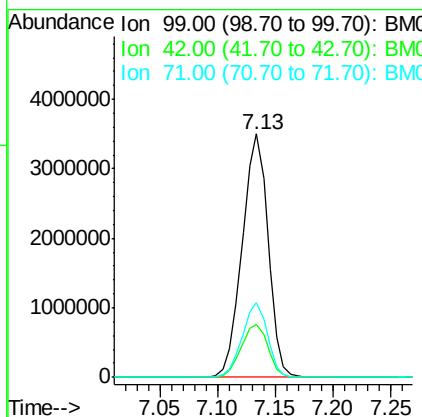
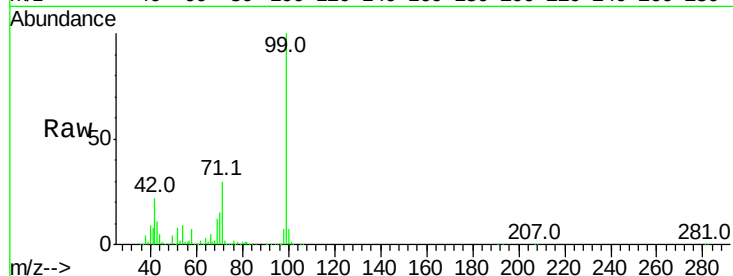
BNA_M

ClientSampleId :

SP-1

Tot Ion: 99 Resp: 5463350

Ion	Ratio	Lower	Upper
99	100		
42	21.9	11.0	16.4#
71	30.5	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

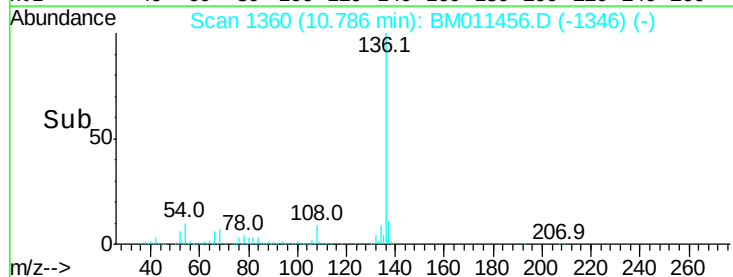
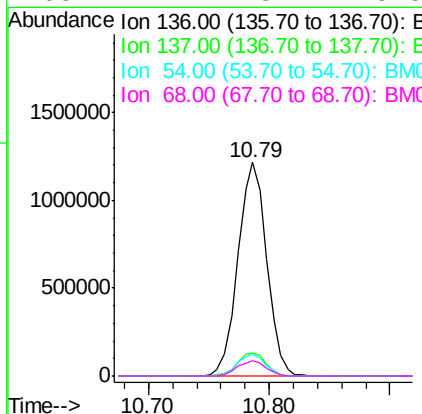
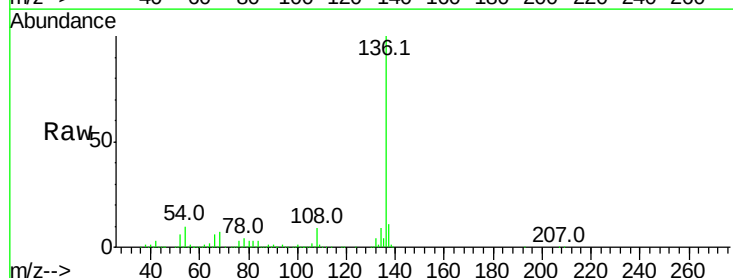
Delta R.T. -0.02 min

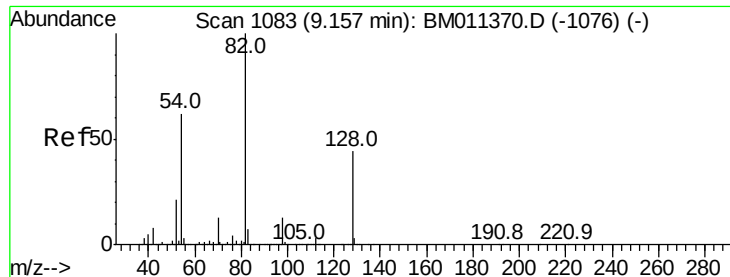
Lab File: BM011456.D

Acq: 07 Sep 2017 16:02

Tgt Ion: 136 Resp: 2016046

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.9	4.6	6.8#
68	7.4	3.7	5.5#

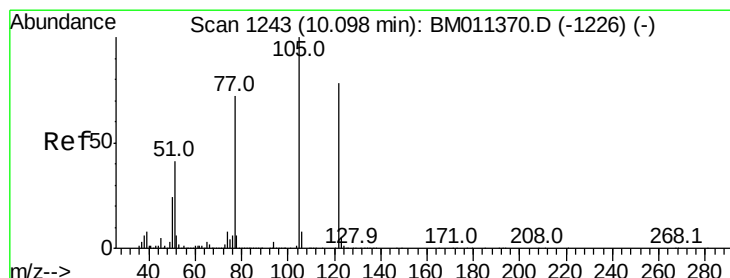
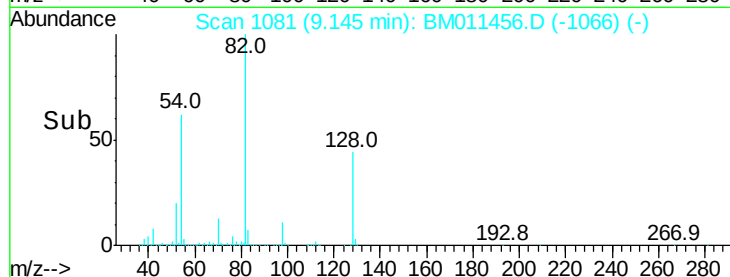
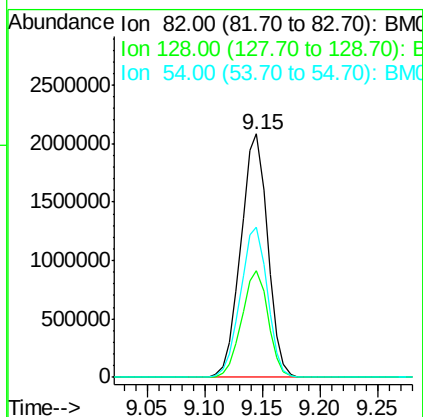
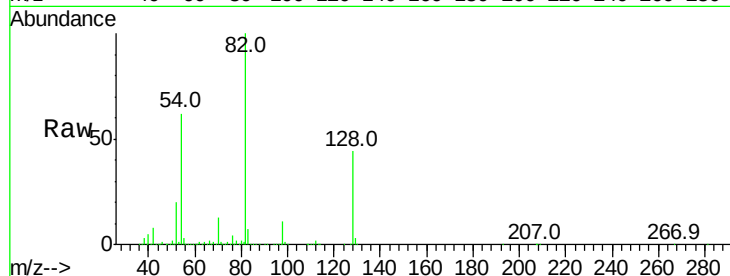




#23
 Nitrobenzene-d5
 Concen: 110.136 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011456.D
 Acq: 07 Sep 2017 16:02

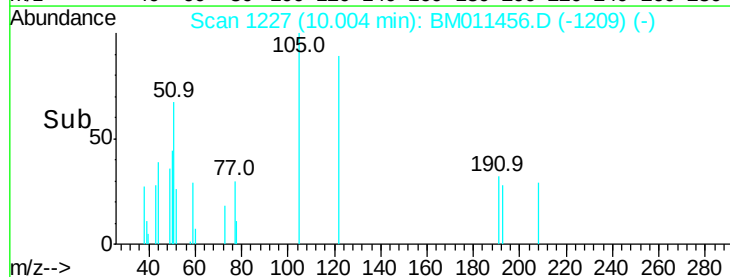
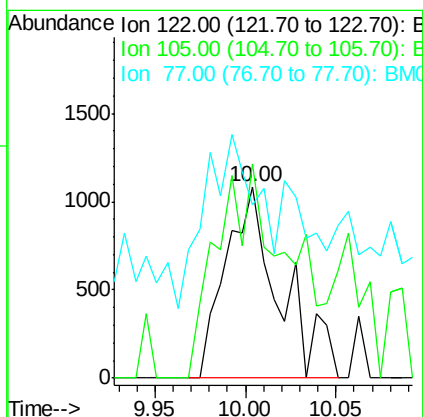
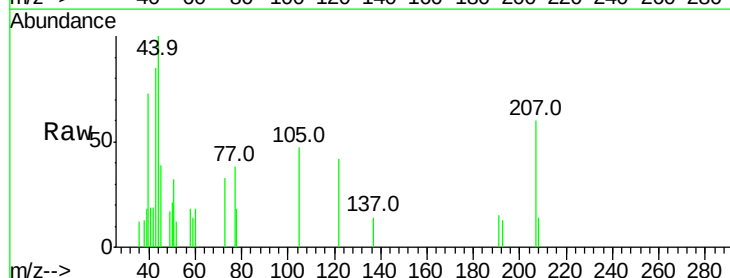
Instrument :
 BNA_M
 ClientSampleId :
 SP-1

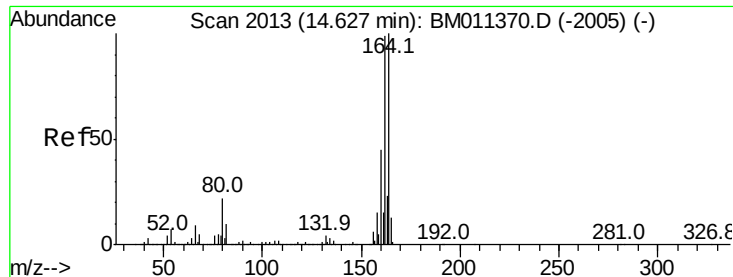
Tot Ion: 82 Resp: 3369436
 Ion Ratio Lower Upper
 82 100
 128 43.7 32.8 49.2
 54 61.5 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.630 ng
 RT: 10.00 min Scan# 1227
 Delta R.T. -0.09 min
 Lab File: BM011456.D
 Acq: 07 Sep 2017 16:02

Tgt Ion:122 Resp: 2249
 Ion Ratio Lower Upper
 122 100
 105 111.8 99.9 139.9
 77 90.7 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: BM011456.D

Acq: 07 Sep 2017 16:02

Instrument :

BNA_M

ClientSampleId :

SP-1

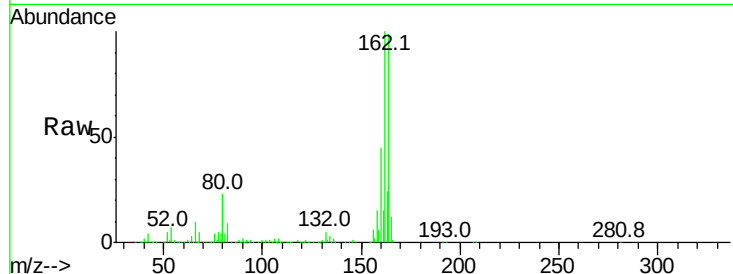
Tot Ion:164 Resp: 1068979

Ion Ratio Lower Upper

164 100

162 101.2 82.4 123.6

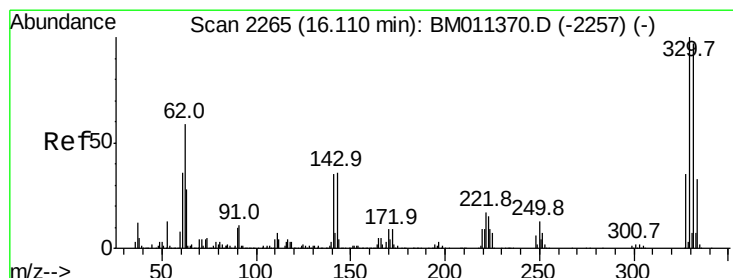
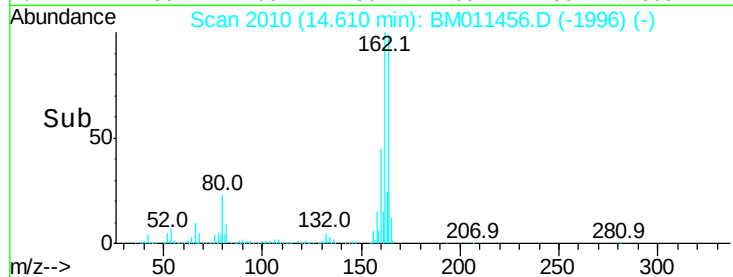
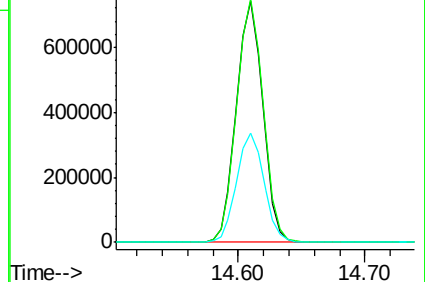
160 45.7 35.8 53.6



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: 149.911 ng

RT: 16.09 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BM011456.D

Acq: 07 Sep 2017 16:02

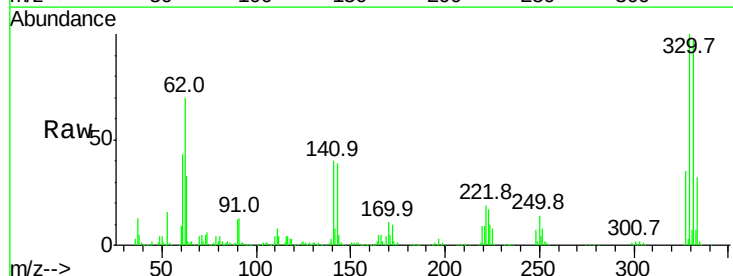
Tgt Ion:330 Resp: 1854040

Ion Ratio Lower Upper

330 100

332 97.2 0.0 0.0#

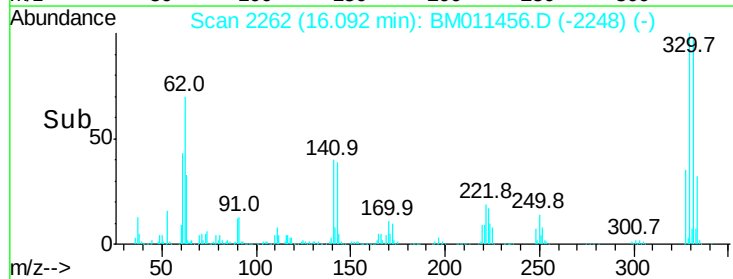
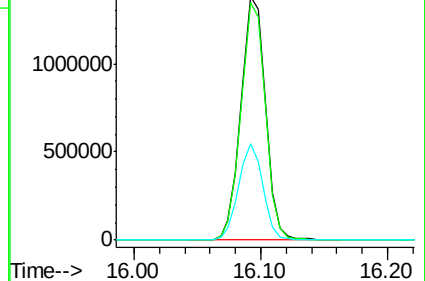
141 39.3 0.0 0.0#

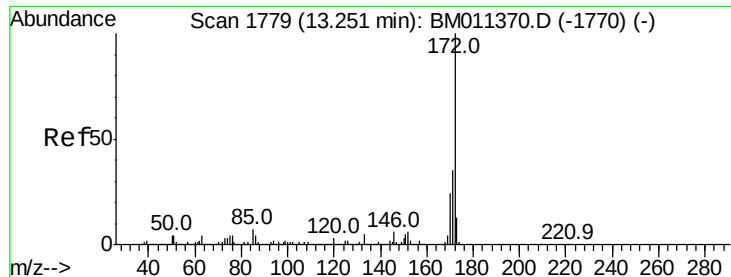


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

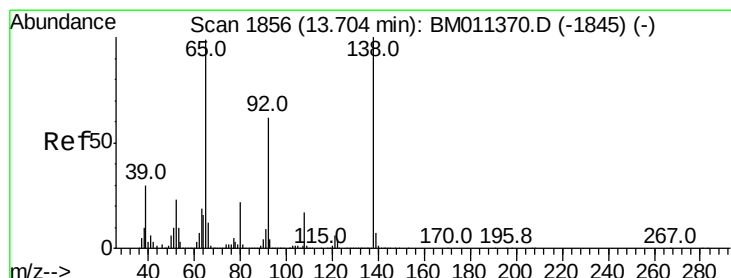
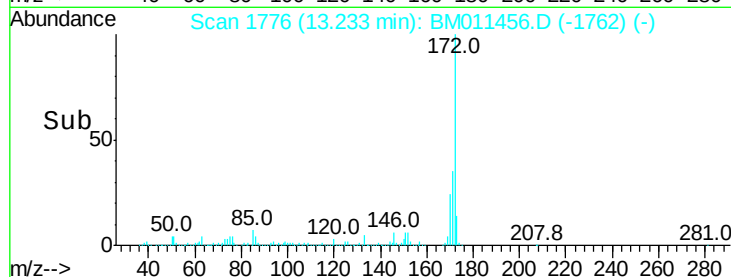
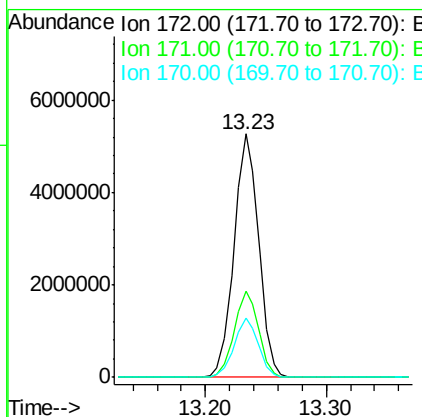
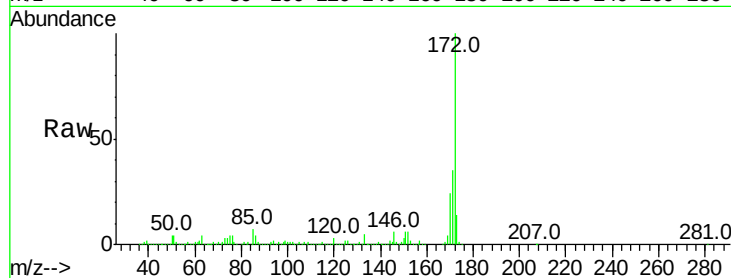




#44
2-Fluorobiphenyl
Concen: 101.022 ng
RT: 13.23 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BM011456.D
Acq: 07 Sep 2017 16:02

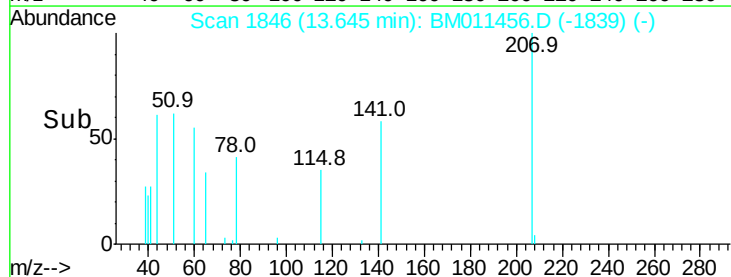
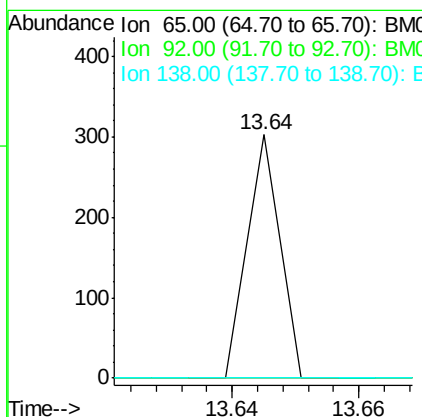
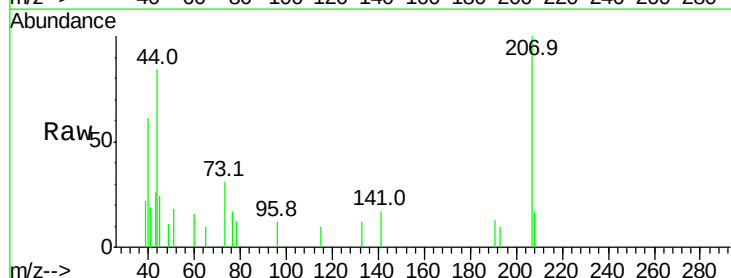
Instrument :
BNA_M
ClientSampleId :
SP-1

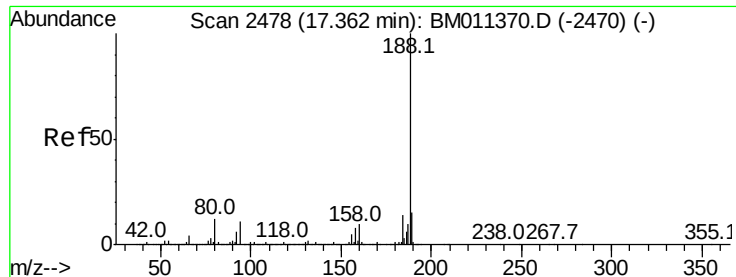
Tot Ion:172 Resp: 7491646
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.3 18.8 28.2



#47
2-Nitroaniline
Concen: 5.442 ng
RT: 13.64 min Scan# 1846
Delta R.T. -0.06 min
Lab File: BM011456.D
Acq: 07 Sep 2017 16:02

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#



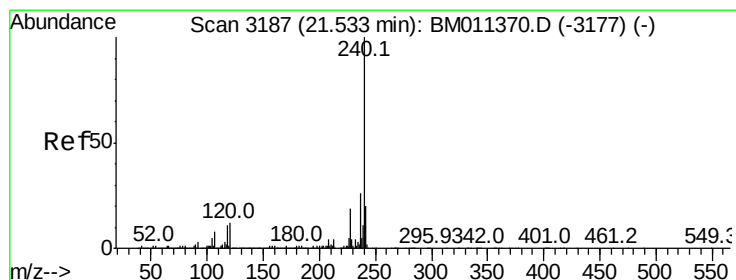
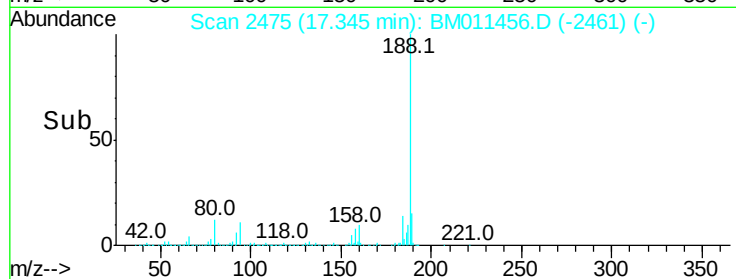
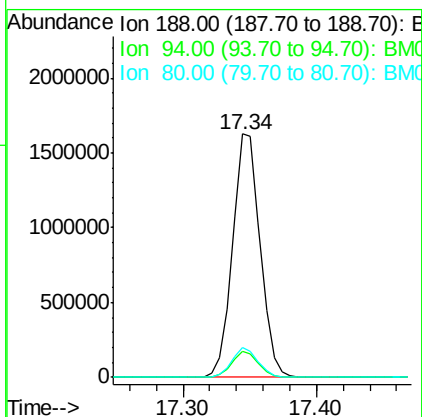
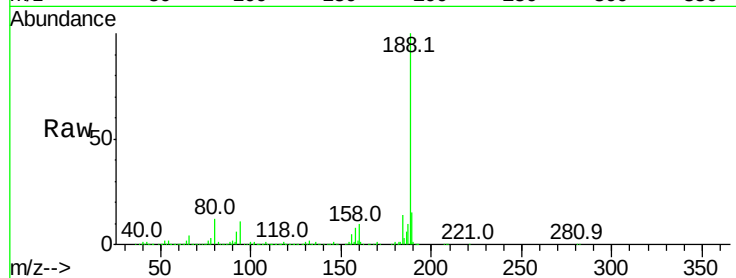


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2475
 Delta R.T. -0.02 min
 Lab File: BM011456.D
 Acq: 07 Sep 2017 16:02

Instrument :
 BNA_M
 ClientSampleId :
 SP-1

Tot Ion:188 Resp: 2332186

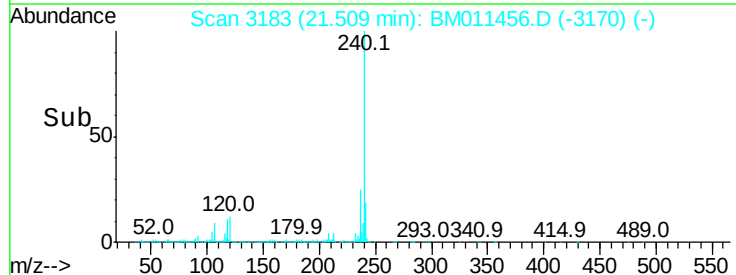
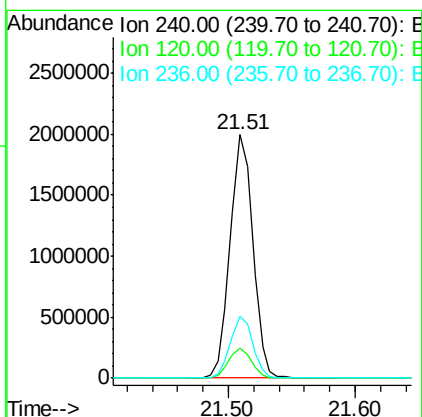
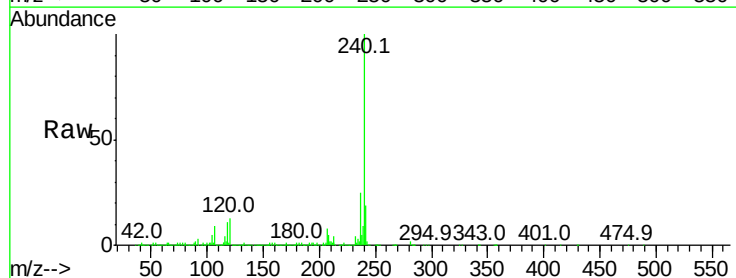
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.7	13.1
80	12.1	9.3	13.9

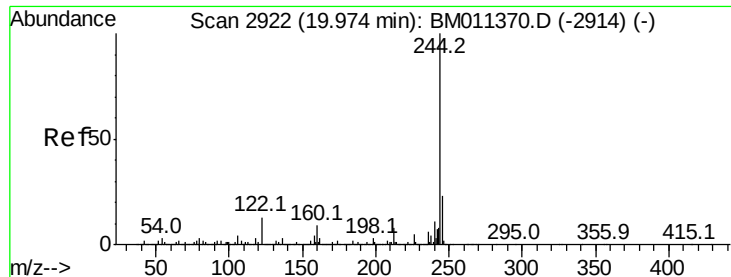


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3183
 Delta R.T. -0.02 min
 Lab File: BM011456.D
 Acq: 07 Sep 2017 16:02

Tgt Ion:240 Resp: 2480849

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.2	12.2#
236	25.4	20.0	30.0





#78

Terphenyl-d14

Concen: 102.051 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011456.D

Acq: 07 Sep 2017 16:02

Instrument :

BNA_M

ClientSampled :

SP-1

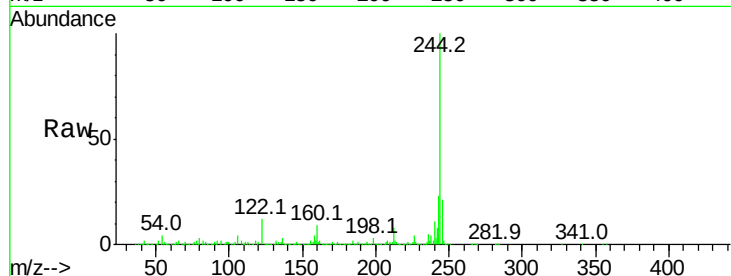
Tot Ion:244 Resp:10203594

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

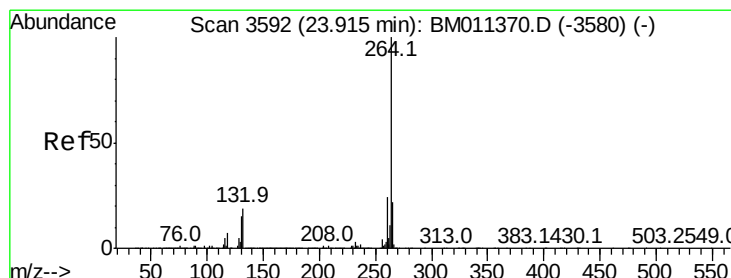
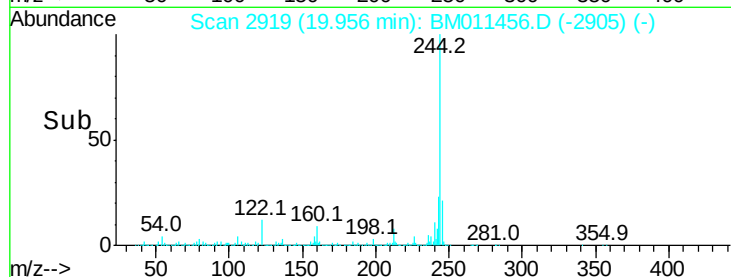
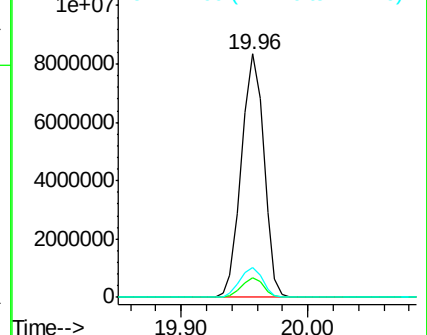
122 12.1 6.2 9.4#



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: BM011456.D

Acq: 07 Sep 2017 16:02

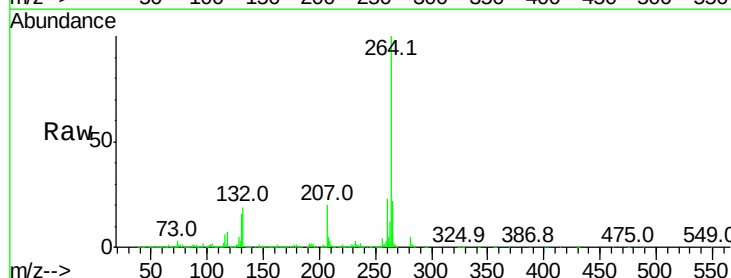
Tgt Ion:264 Resp: 2090142

Ion Ratio Lower Upper

264 100

260 23.2 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

