

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
 Data File : BM011073.D
 Acq On : 31 Jul 2017 18:19
 Operator : SJ/JU
 Sample : I4491-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-C3-C4-C5-C6

Quant Time: Aug 01 01:04:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

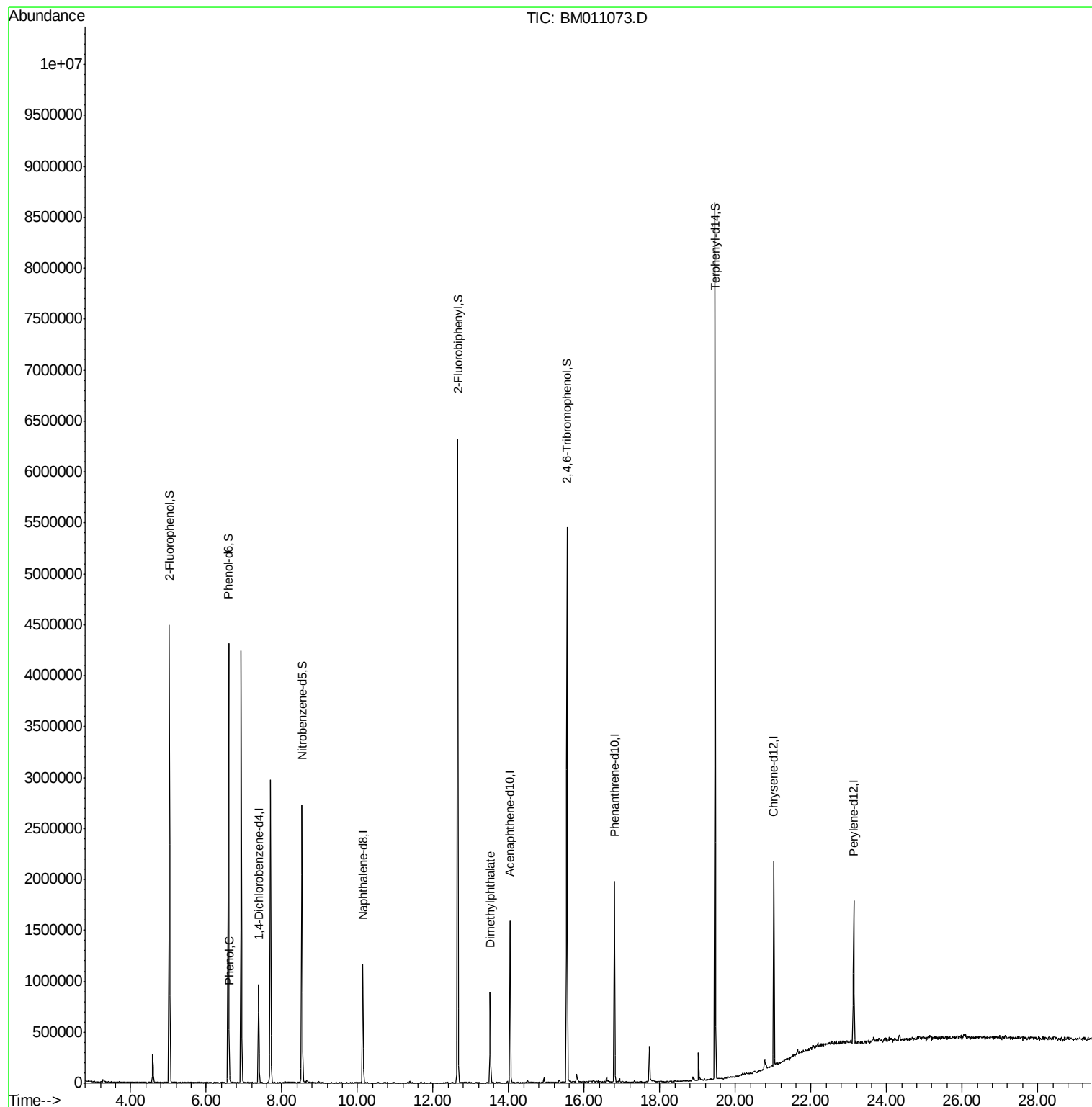
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	180907	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	697853	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	440536	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	973206	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	955633	20.00	ng	-0.01
86) Perylene-d12	23.13	264	933002	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	1267715	118.46	ng	0.00
7) Phenol-d6	6.59	99	1766422	116.17	ng	0.00
23) Nitrobenzene-d5	8.53	82	1520689	81.79	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	701700	99.38	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2578439	73.40	ng	-0.01
78) Terphenyl-d14	19.46	244	3106501	64.39	ng	0.00
Target Compounds						
10) Phenol	6.61	94	62519	3.786	ng	87
49) Dimethylphthalate	13.51	163	411100	10.909	ng	# 98

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

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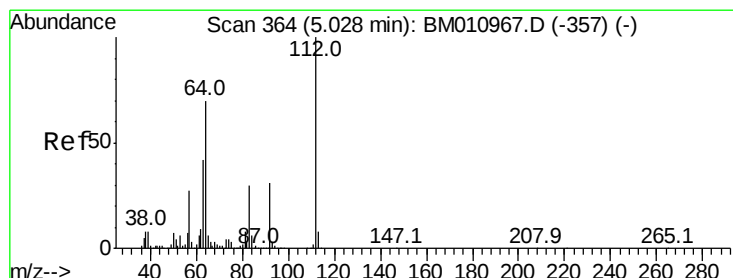
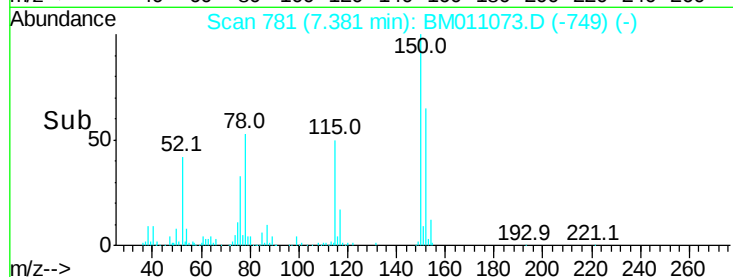
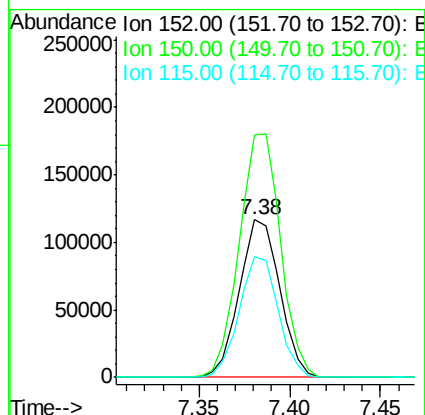
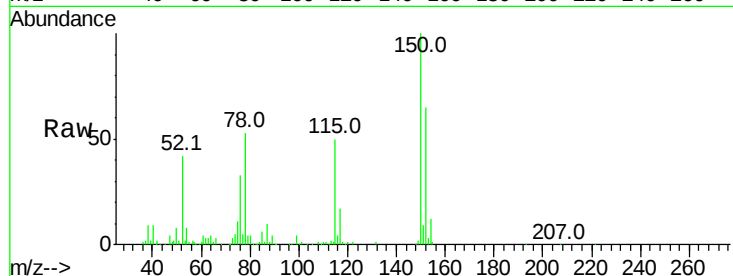


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011073.D
Acq: 31 Jul 2017 18:19

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-C3-C4-C5-C6

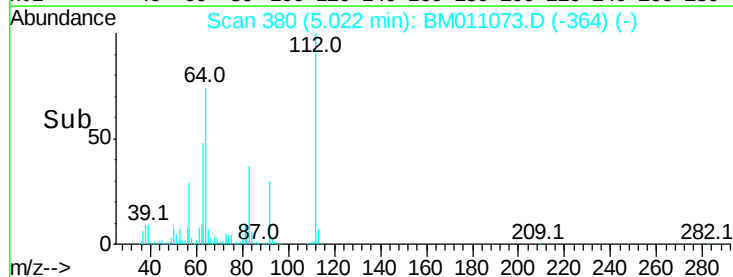
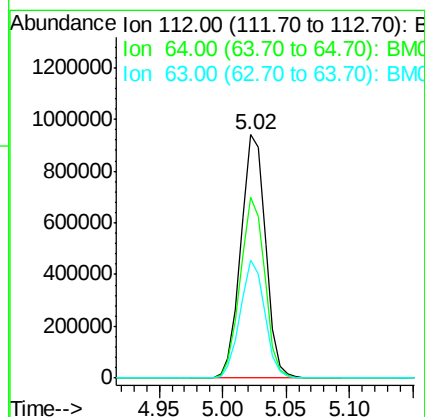
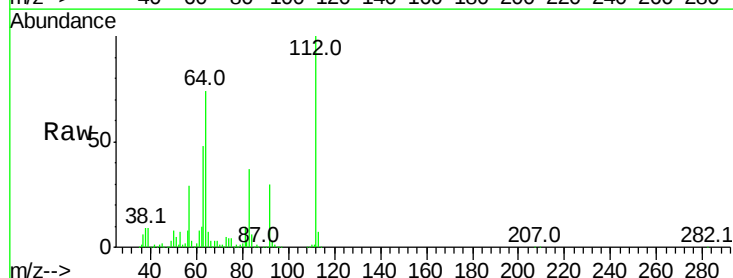
Tot Ion:152 Resp: 180907
Ion Ratio Lower Upper
152 100
150 153.7 119.5 179.3
115 76.9 43.0 64.4#

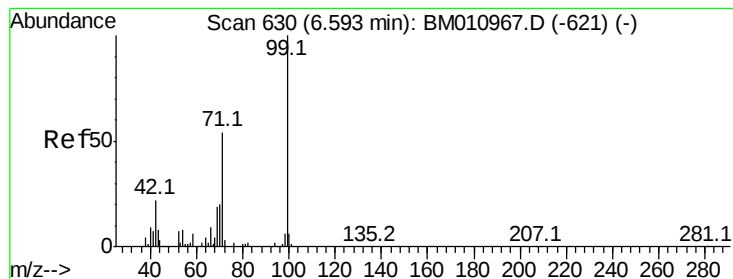


#5

2-Fluorophenol
Concen: 118.458 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM011073.D
Acq: 31 Jul 2017 18:19

Tgt Ion:112 Resp: 1267715
Ion Ratio Lower Upper
112 100
64 74.3 38.6 57.8#
63 48.3 19.3 28.9#





#7

Phenol-d6

Concen: 116.172 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011073.D

Acq: 31 Jul 2017 18:19

Instrument :

BNA_M

ClientSampleId :

FK-BPM-01-C3-C4-C5-C6

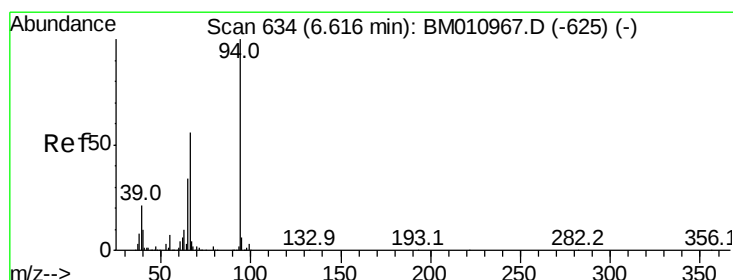
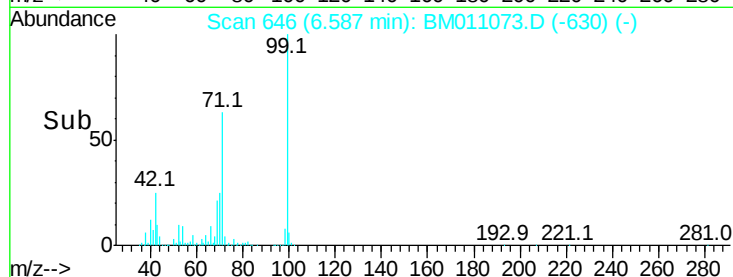
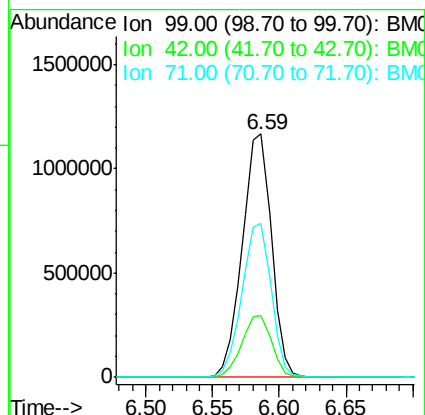
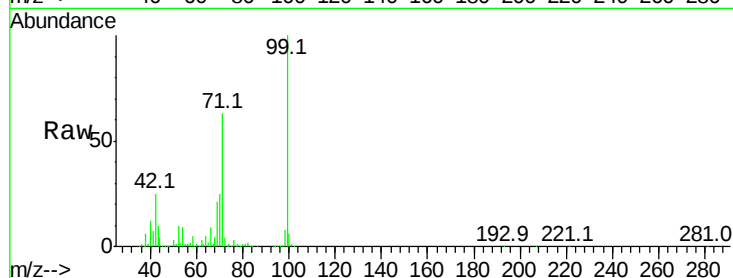
Tot Ion: 99 Resp: 1766422

Ion Ratio Lower Upper

99 100

42 25.4 11.0 16.4#

71 63.4 23.4 35.2#



#10

Phenol

Concen: 3.786 ng

RT: 6.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM011073.D

Acq: 31 Jul 2017 18:19

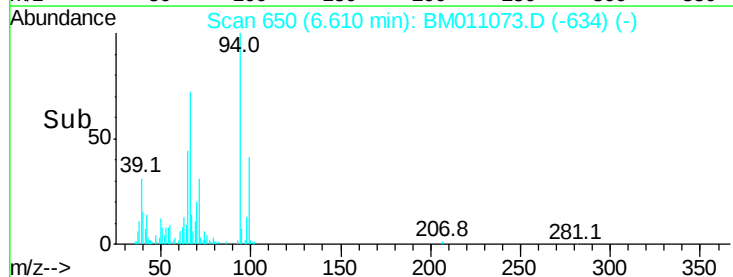
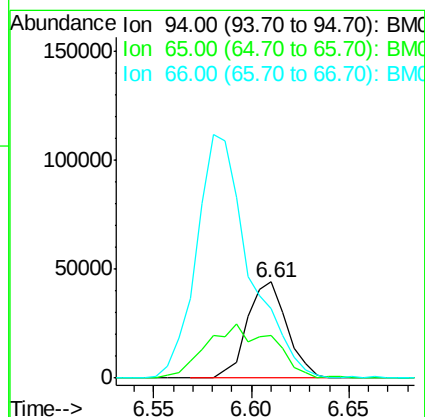
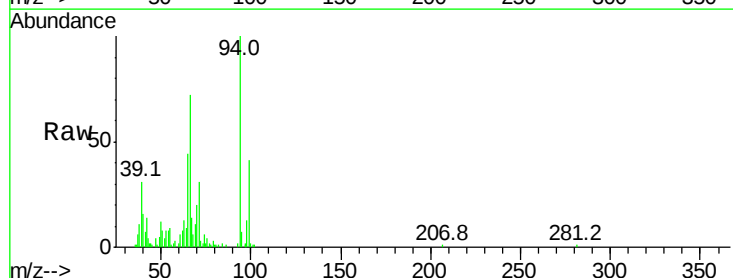
Tgt Ion: 94 Resp: 62519

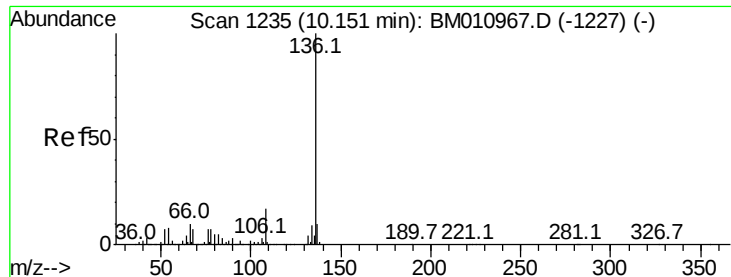
Ion Ratio Lower Upper

94 100

65 44.0 18.8 58.8

66 72.1 39.9 79.9

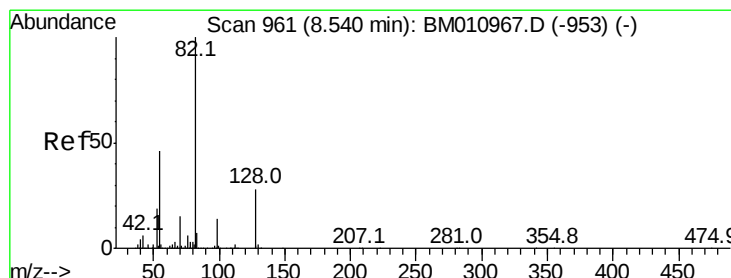
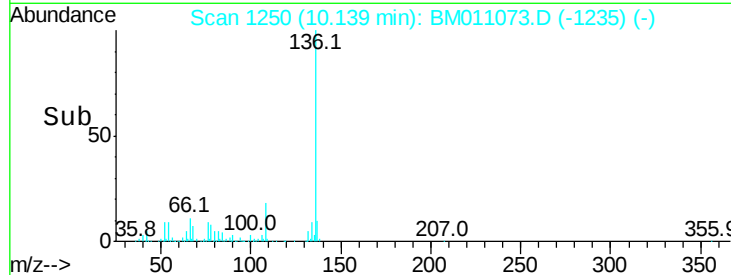
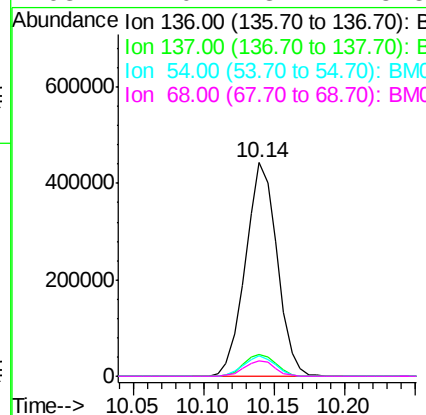
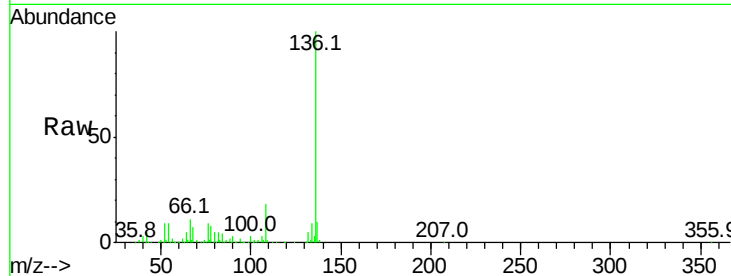




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011073.D
Acq: 31 Jul 2017 18:19

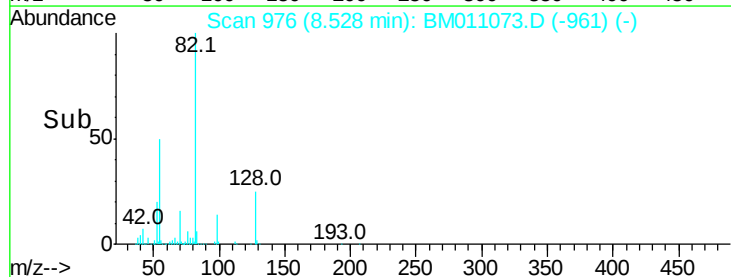
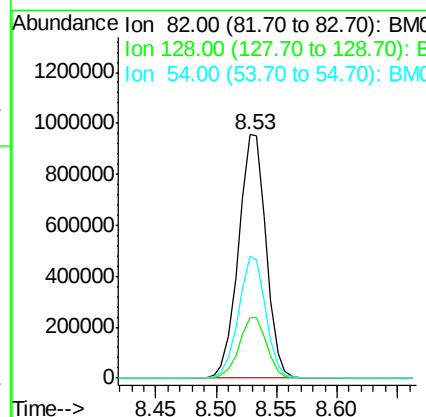
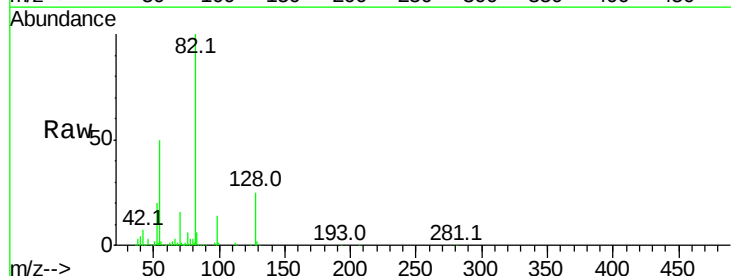
Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-C3-C4-C5-C6

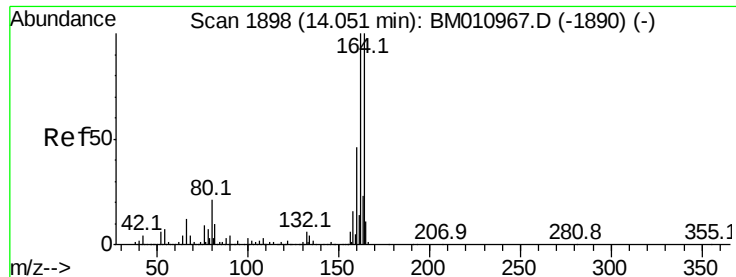
Tot Ion:	136	Resp:	697853
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	9.3	4.6	6.8#
68	7.0	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 81.785 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011073.D
Acq: 31 Jul 2017 18:19

Tgt Ion:	82	Resp:	1520689
Ion	Ratio	Lower	Upper
82	100		
128	24.6	32.8	49.2#
54	49.9	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011073.D

Acq: 31 Jul 2017 18:19

Instrument :

BNA_M

ClientSampleId :

FK-BPM-01-C3-C4-C5-C6

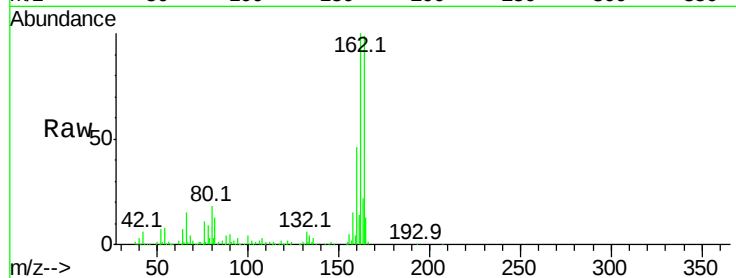
Tot Ion:164 Resp: 440536

Ion Ratio Lower Upper

164 100

162 100.5 82.4 123.6

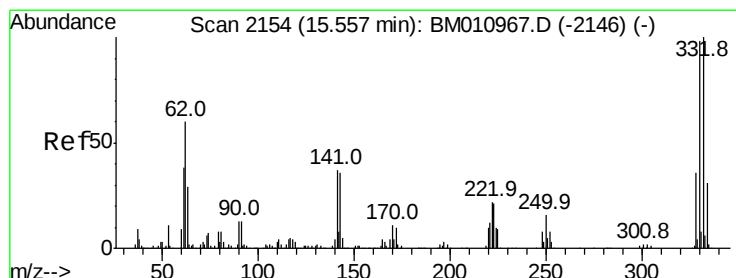
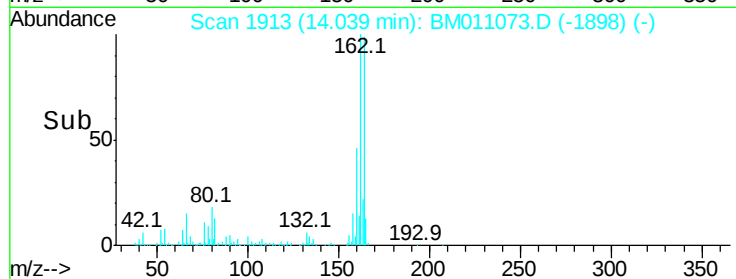
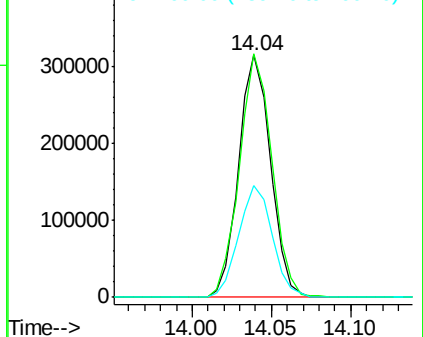
160 46.0 35.8 53.6



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: 99.379 ng

RT: 15.54 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BM011073.D

Acq: 31 Jul 2017 18:19

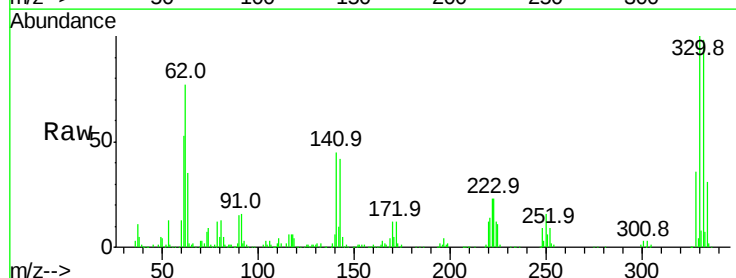
Tgt Ion:330 Resp: 701700

Ion Ratio Lower Upper

330 100

332 97.6 0.0 0.0#

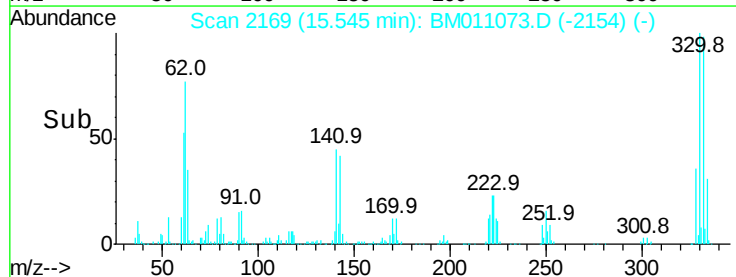
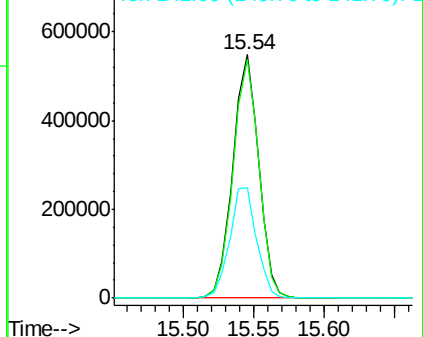
141 47.4 0.0 0.0#

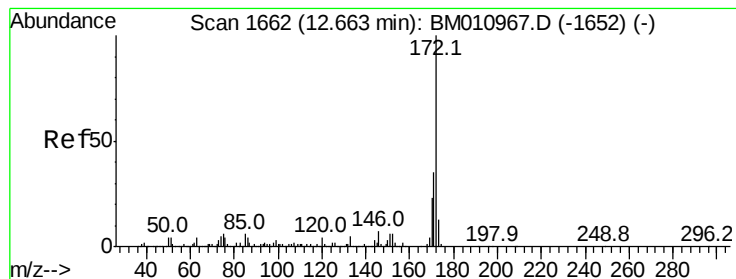


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 73.404 ng

RT: 12.65 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BM011073.D

Acq: 31 Jul 2017 18:19

Instrument :

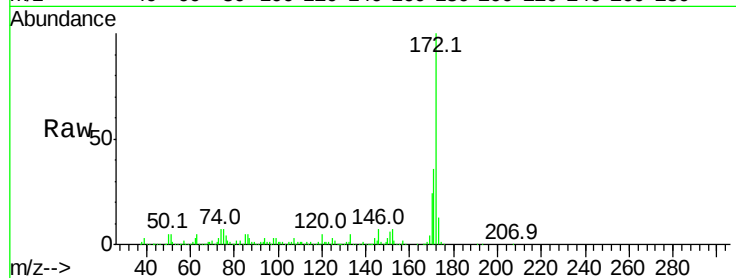
BNA_M

ClientSampleId :

FK-BPM-01-C3-C4-C5-C6

Tot Ion:172 Resp: 2578439

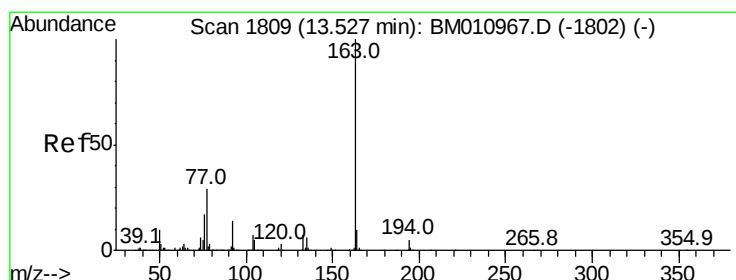
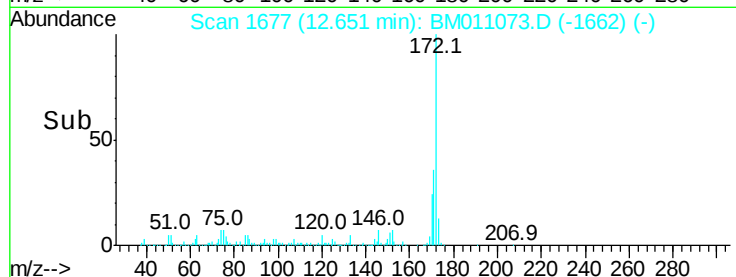
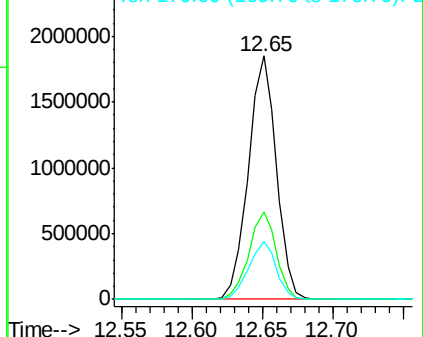
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.9	18.8	28.2



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



#49

Dimethylphthalate

Concen: 10.909 ng

RT: 13.51 min Scan# 1823

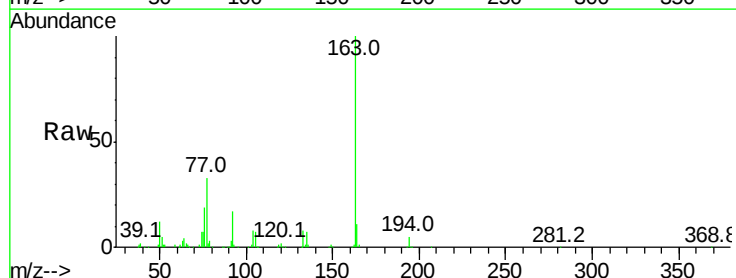
Delta R.T. -0.02 min

Lab File: BM011073.D

Acq: 31 Jul 2017 18:19

Tgt Ion:163 Resp: 411100

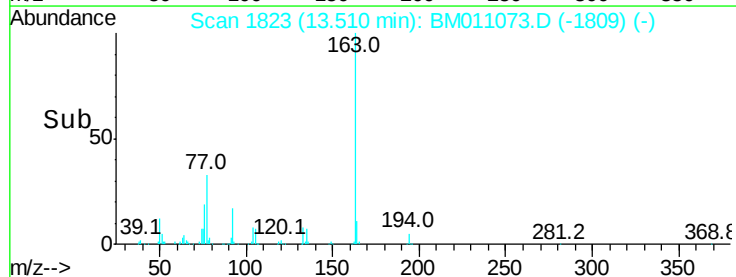
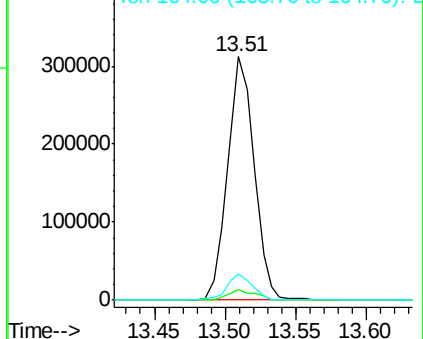
Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	10.6	8.2	12.2

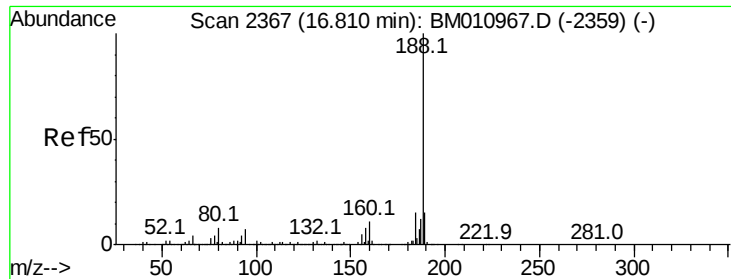


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

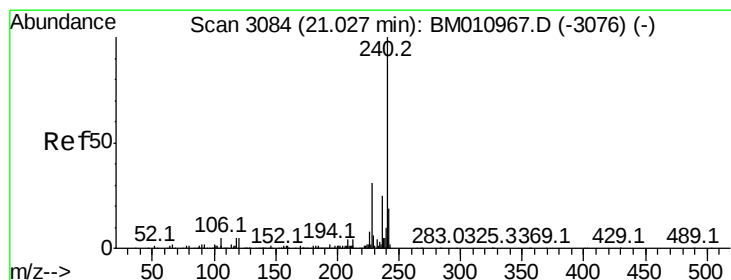
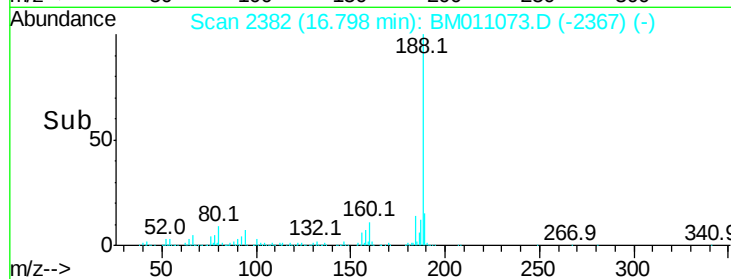
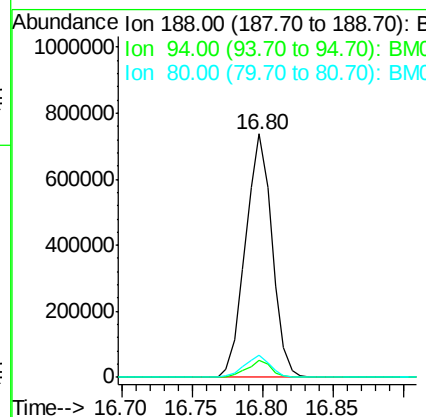
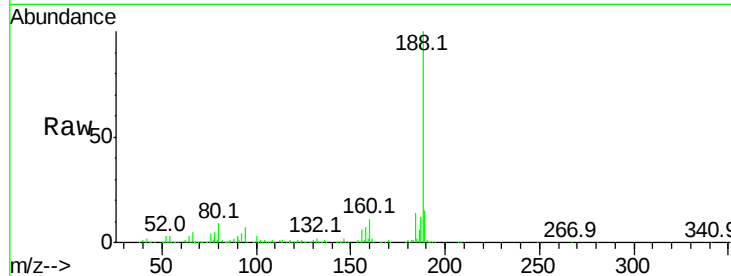




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.80 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM011073.D
 Acq: 31 Jul 2017 18:19

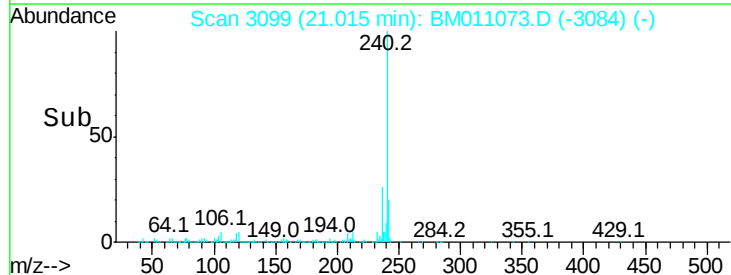
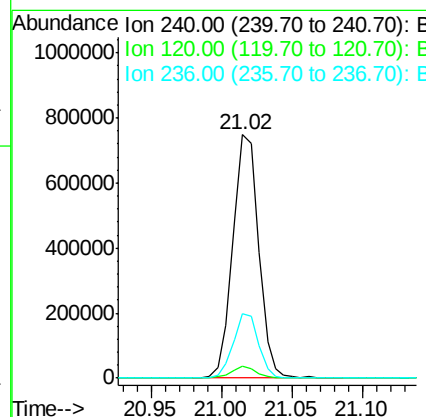
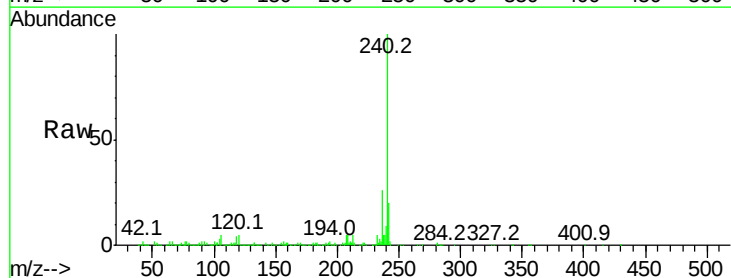
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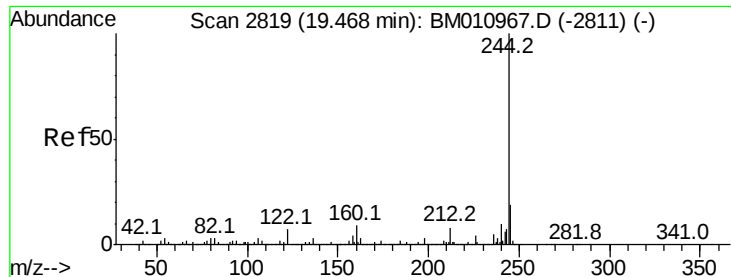
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.7	13.1#
80	9.1	9.3	13.9#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM011073.D
 Acq: 31 Jul 2017 18:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	8.2	12.2#
236	26.3	20.0	30.0





#78

Terphenyl-d14

Concen: 64.393 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011073.D

Acq: 31 Jul 2017 18:19

Instrument :

BNA_M

ClientSampleId :

FK-BPM-01-C3-C4-C5-C6

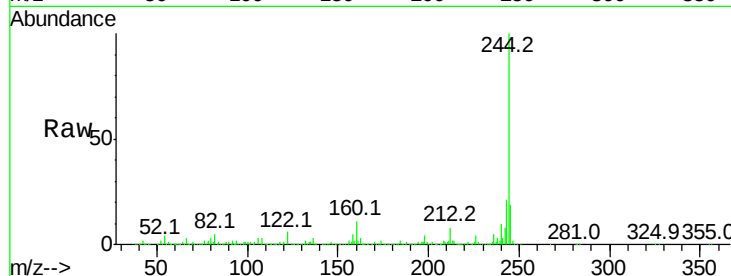
Tot Ion:244 Resp: 3106501

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

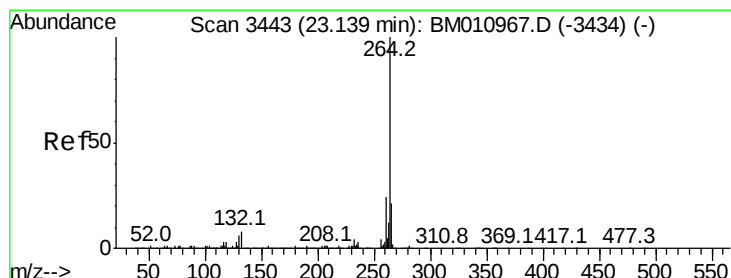
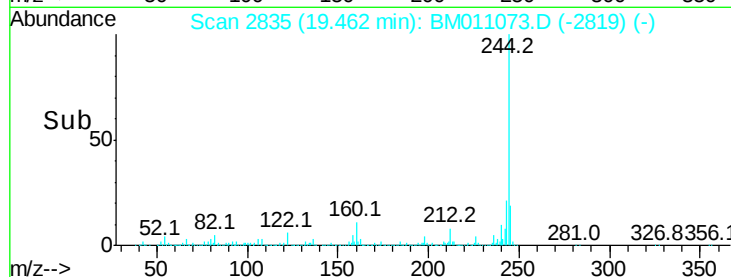
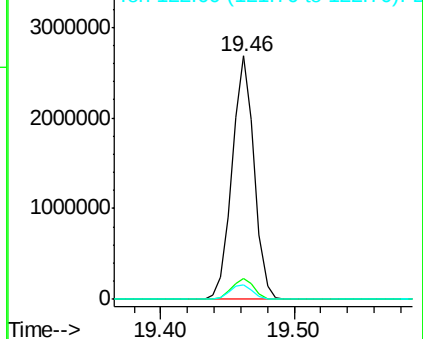
122 6.0 6.2 9.4#



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: 23.13 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM011073.D

Acq: 31 Jul 2017 18:19

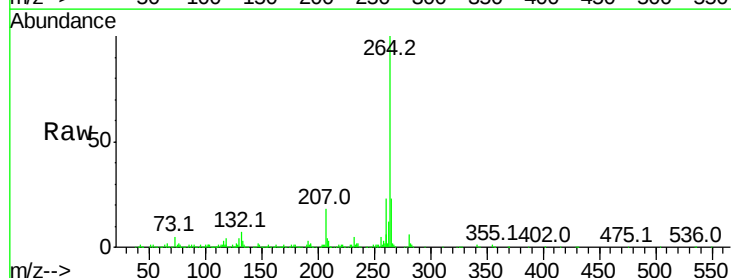
Tgt Ion:264 Resp: 933002

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.9 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

