

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
 Data File : BM009975.D
 Acq On : 10 May 2017 17:46
 Operator : SJ/MA
 Sample : I3058-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW001-170508

Quant Time: May 10 18:35:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

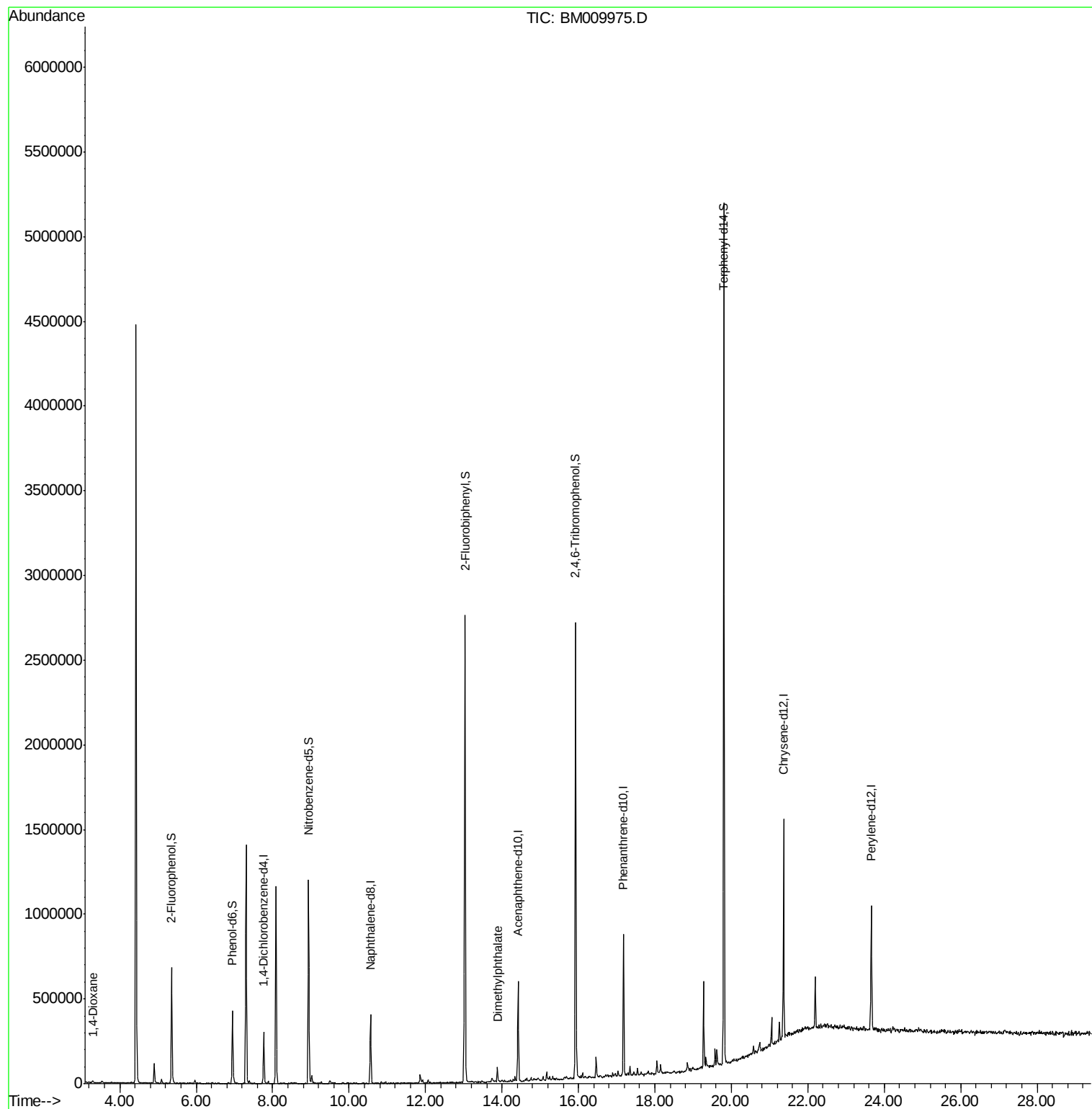
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	61134	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	260496	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	163267	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	422336	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	556557	20.00	ng	-0.02
86) Perylene-d12	23.66	264	491994	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	226999	59.11	ng	-0.01
7) Phenol-d6	6.95	99	202641	34.43	ng	-0.02
23) Nitrobenzene-d5	8.94	82	693199	96.30	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	329995	147.99	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1070972	85.47	ng	-0.02
78) Terphenyl-d14	19.80	244	1808538	66.66	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	5566	3.77	ng	# 100
49) Dimethylphthalate	13.88	163	42067	2.70	ng	# 91

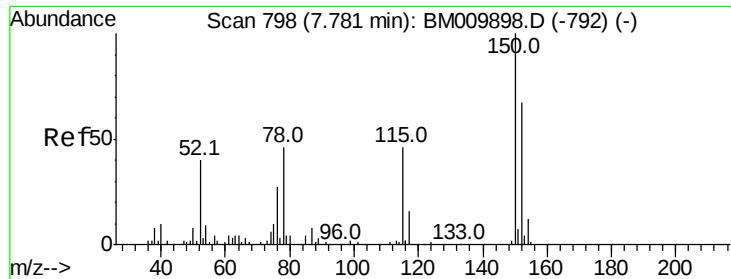
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BM009975.D

Acq: 10 May 2017 17:46

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BNA_M

ClientSampleId :

LF017MW001-170508

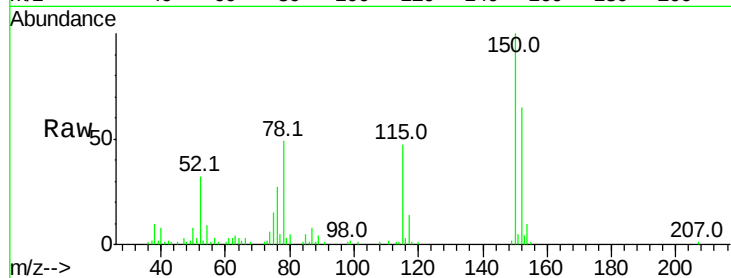
Tot Ion:152 Resp: 61134

Ion Ratio Lower Upper

152 100

150 153.7 119.5 179.3

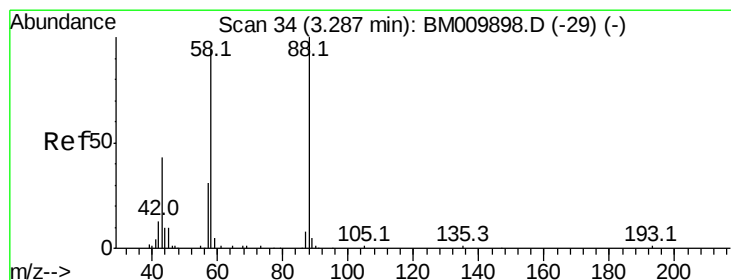
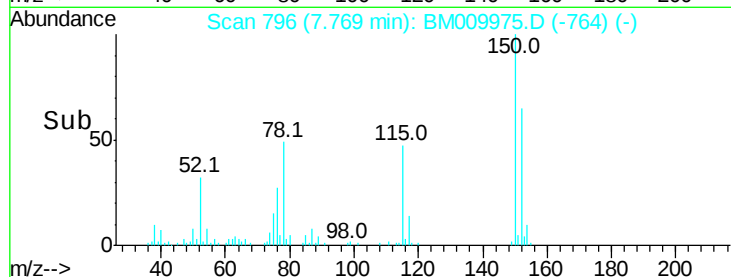
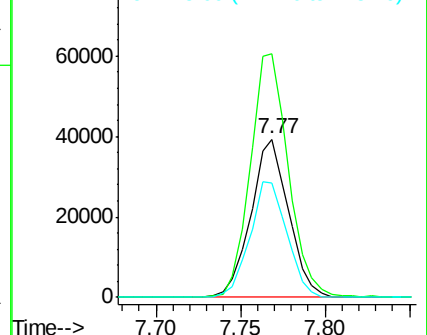
115 72.4 43.0 64.4#



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



#2

1,4-Dioxane

Concen: 3.77 ng

RT: 3.29 min Scan# 34

Delta R.T. -0.00 min

Lab File: BM009975.D

Acq: 10 May 2017 17:46

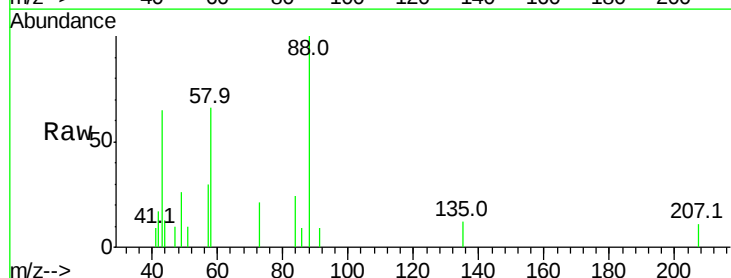
Tgt Ion: 88 Resp: 5566

Ion Ratio Lower Upper

88 100

58 69.0 0.0 0.0#

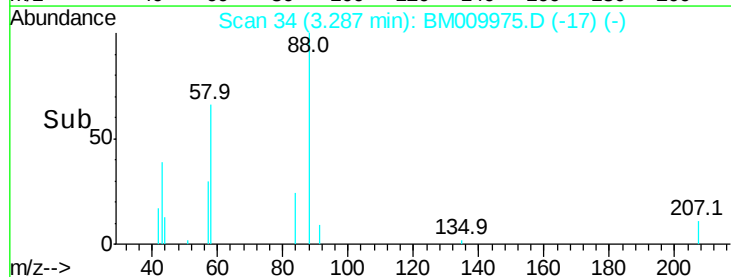
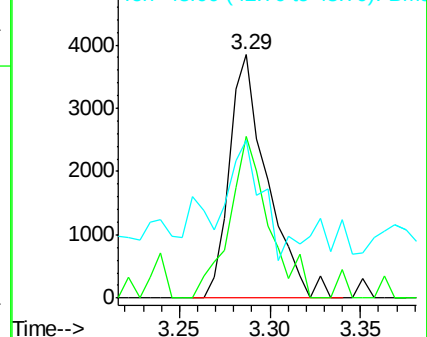
43 35.2 0.0 0.0#

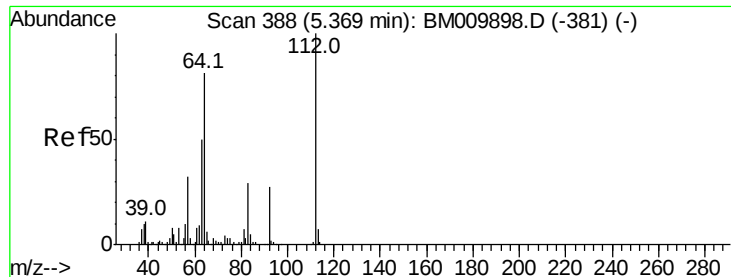


Abundance Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





#5

2-Fluorophenol

Concen: 59.11 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM009975.D

Acq: 10 May 2017 17:46

Instrument :

BNA_M

ClientSampleId :

LF017MW001-170508

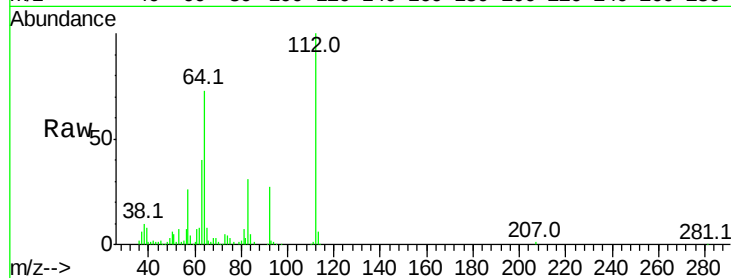
Tot Ion:112 Resp: 226999

Ion Ratio Lower Upper

112 100

64 72.7 38.6 57.8#

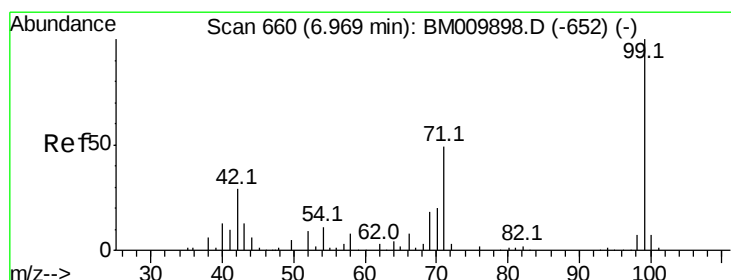
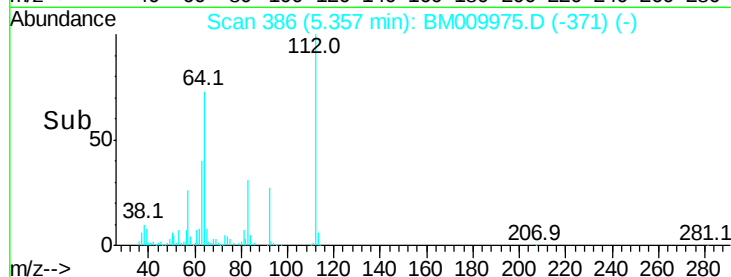
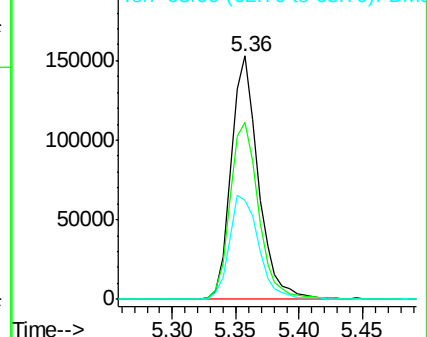
63 40.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 34.43 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009975.D

Acq: 10 May 2017 17:46

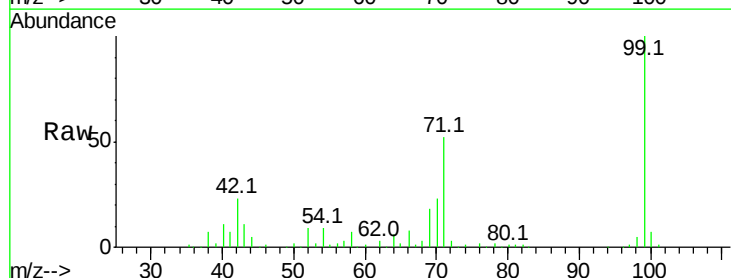
Tgt Ion: 99 Resp: 202641

Ion Ratio Lower Upper

99 100

42 23.4 11.0 16.4#

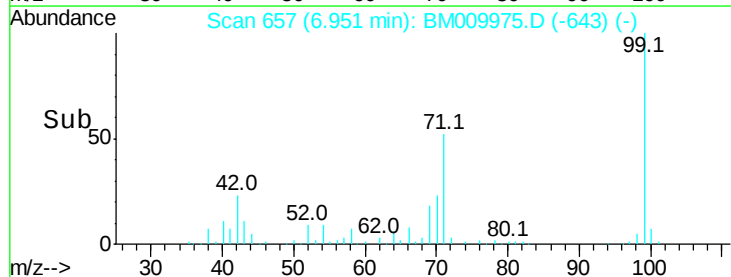
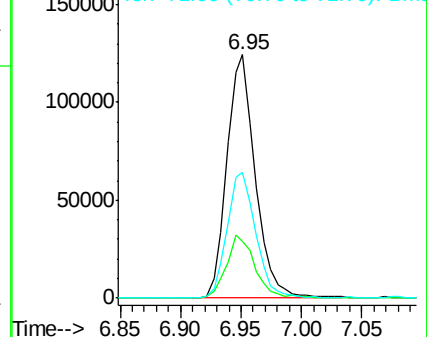
71 51.9 23.4 35.2#

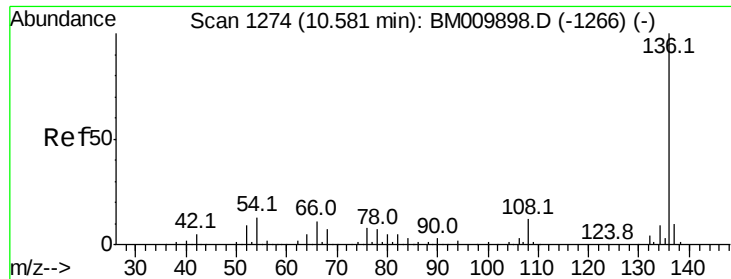


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

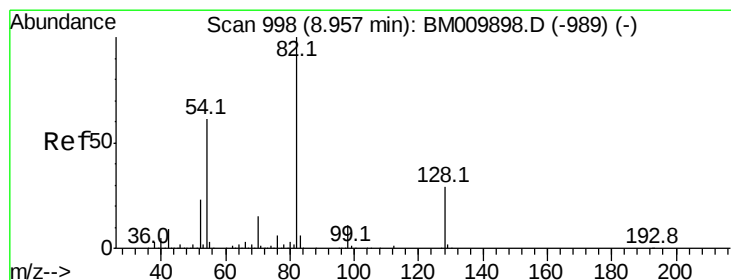
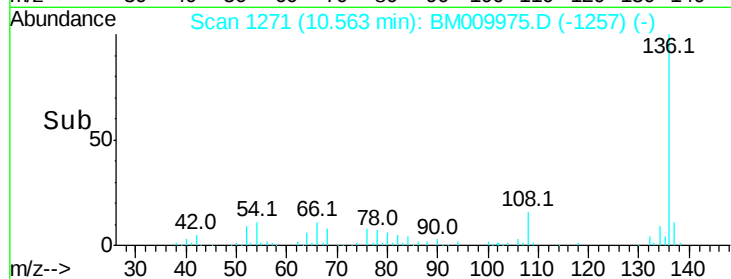
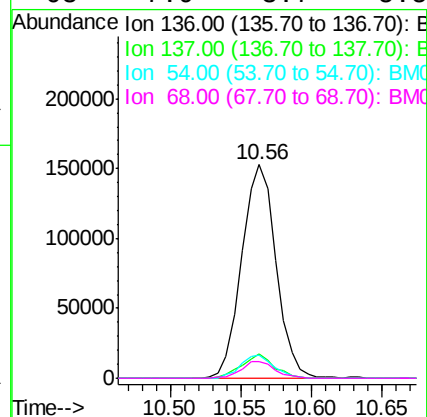
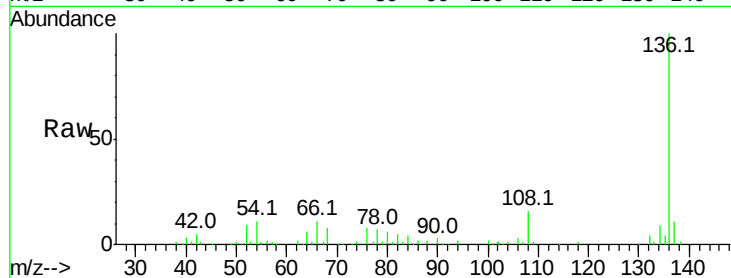




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM009975.D
Acq: 10 May 2017 17:46

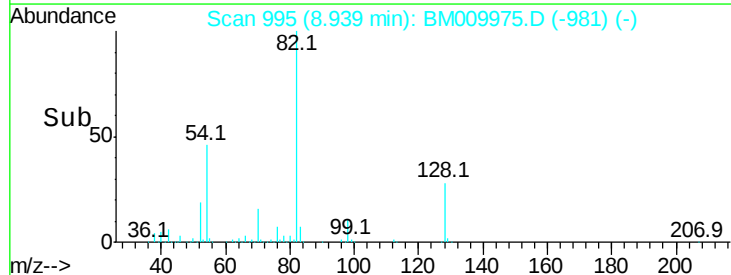
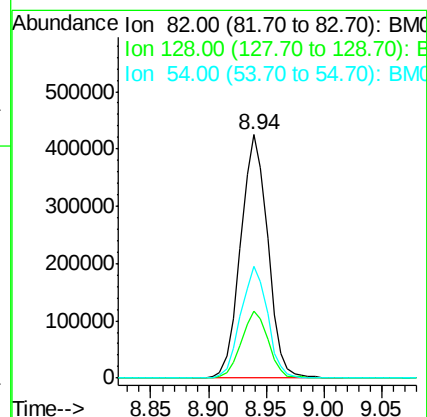
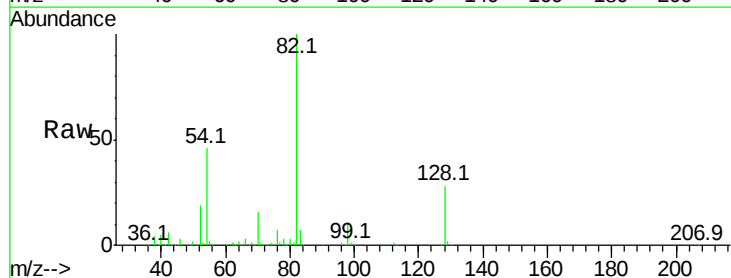
Instrument :
BNA_M
ClientSampleId :
LF017MW001-170508

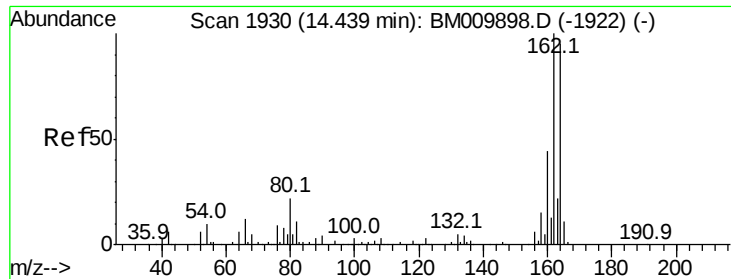
Tot Ion:	136	Resp:	260496
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.6	4.6	6.8#
68	7.9	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 96.30 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM009975.D
Acq: 10 May 2017 17:46

Tgt Ion:	82	Resp:	693199
Ion	Ratio	Lower	Upper
82	100		
128	27.6	32.8	49.2#
54	45.8	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.42 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BM009975.D

Acq: 10 May 2017 17:46

Instrument :

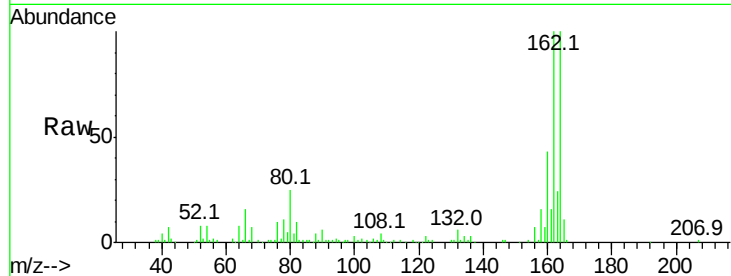
BNA_M

ClientSampleId :

LF017MW001-170508

Tot Ion:164 Resp: 163267

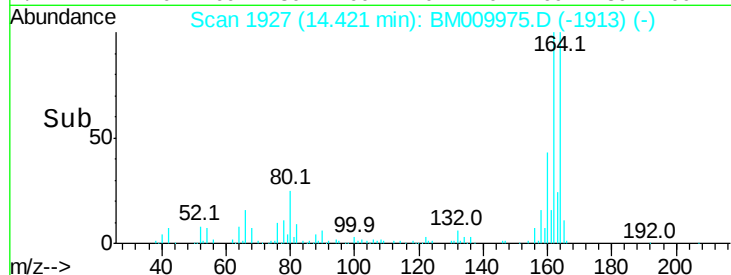
Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.4	123.6
160	43.3	35.8	53.6



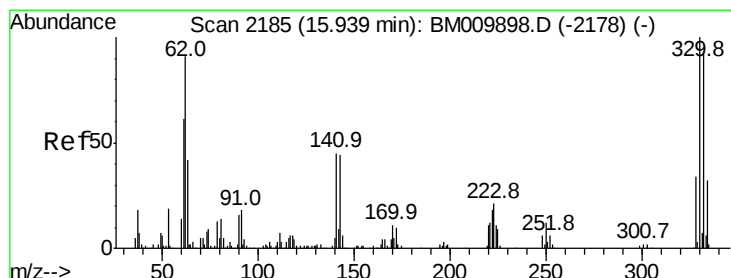
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 147.99 ng

RT: 15.92 min Scan# 2182

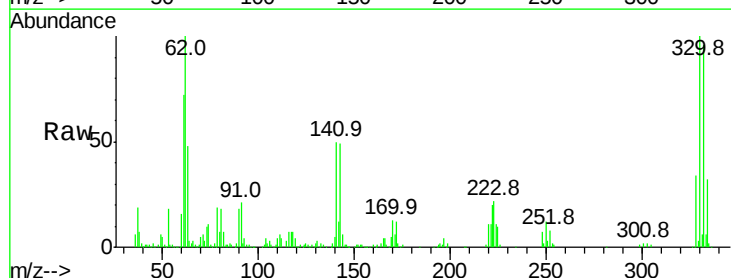
Delta R.T. -0.02 min

Lab File: BM009975.D

Acq: 10 May 2017 17:46

Tgt Ion:330 Resp: 329995

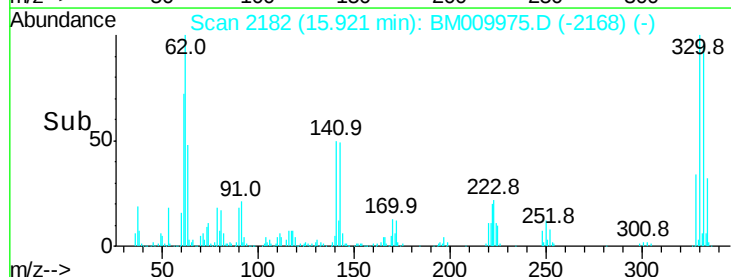
Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	49.5	0.0	0.0#



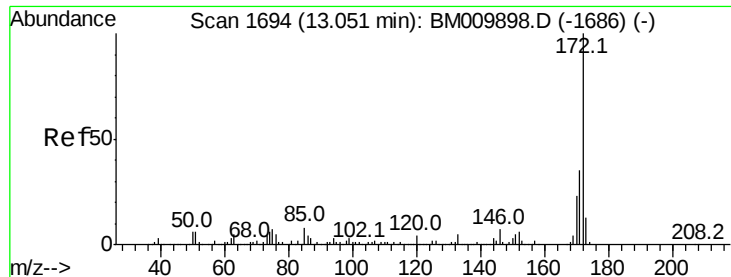
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



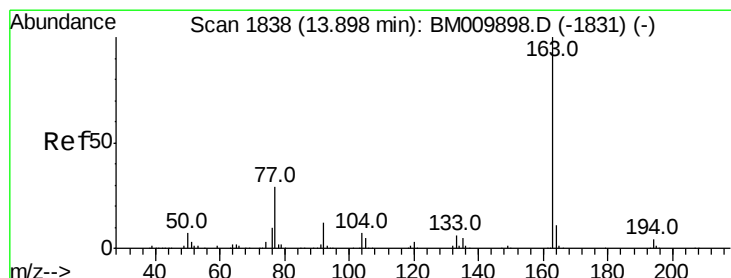
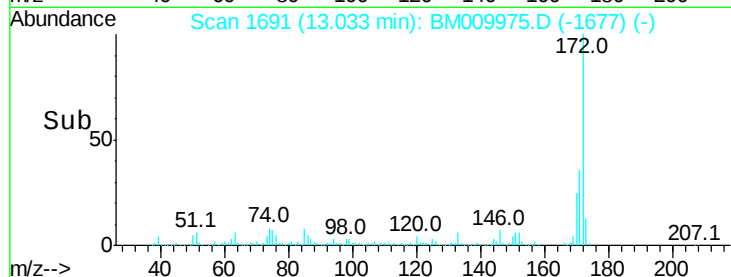
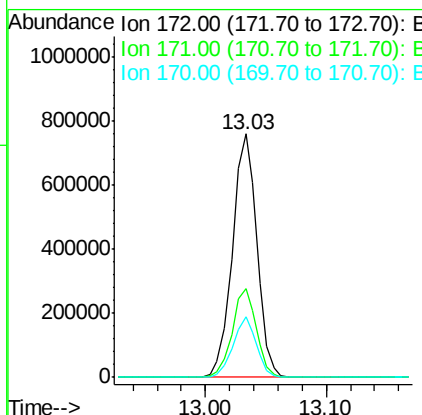
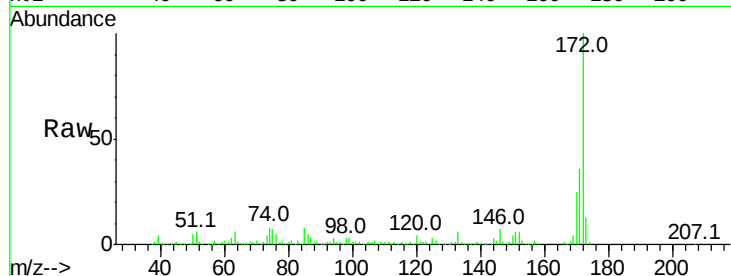
Time-->



#44
2-Fluorobiphenyl
Concen: 85.47 ng
RT: 13.03 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BM009975.D
Acq: 10 May 2017 17:46

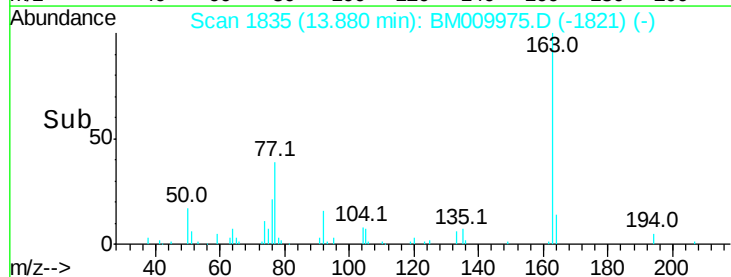
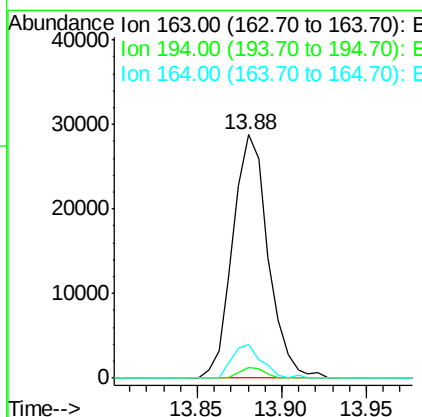
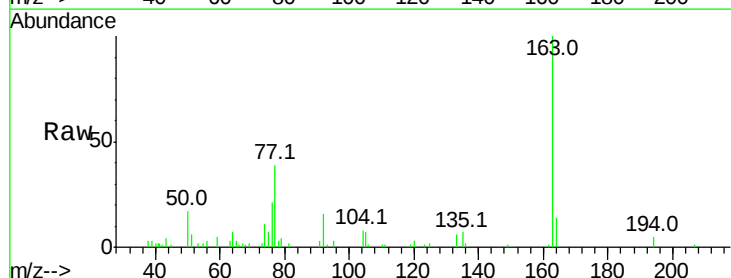
Instrument :
BNA_M
ClientSampleId :
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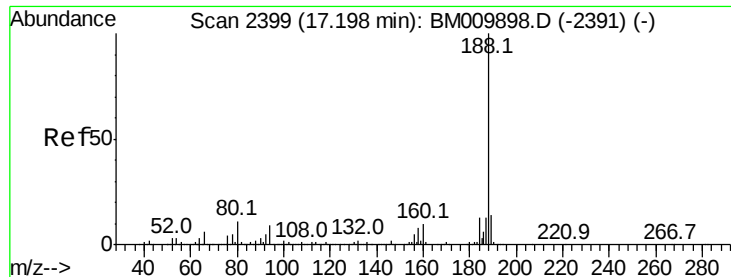
Tot Ion:172 Resp: 1070972
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.8 18.8 28.2



#49
Dimethylphthalate
Concen: 2.70 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM009975.D
Acq: 10 May 2017 17:46

Tgt Ion:163 Resp: 42067
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 14.0 8.2 12.2#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2395

Delta R.T. -0.02 min

Lab File: BM009975.D

Acq: 10 May 2017 17:46

Instrument :

BNA_M

ClientSampleId :

LF017MW001-170508

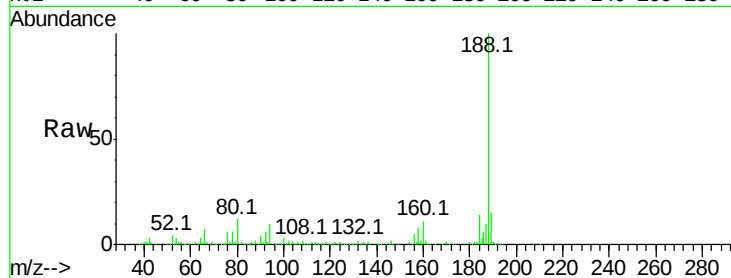
Tot Ion:188 Resp: 422336

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

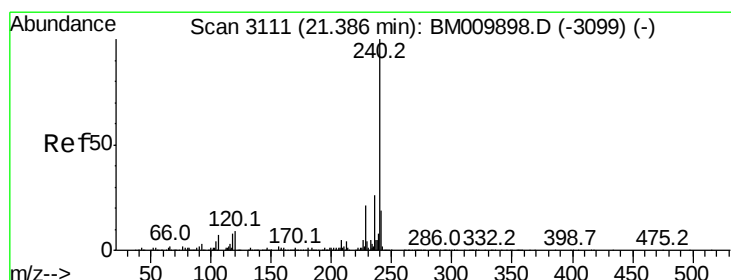
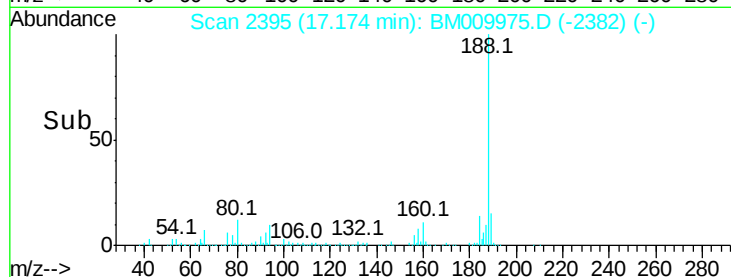
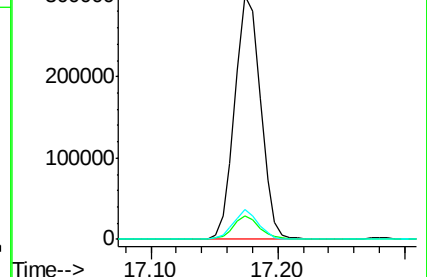
80 12.3 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM009975.D

Acq: 10 May 2017 17:46

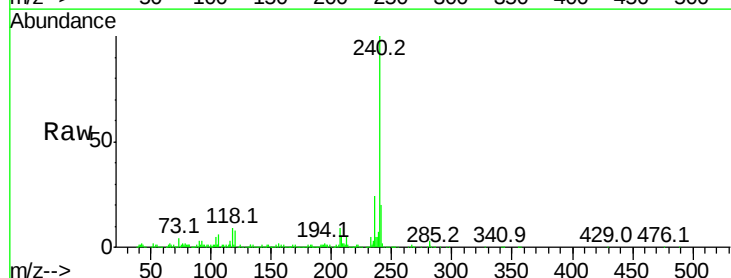
Tgt Ion:240 Resp: 556557

Ion Ratio Lower Upper

240 100

120 8.1 8.2 12.2#

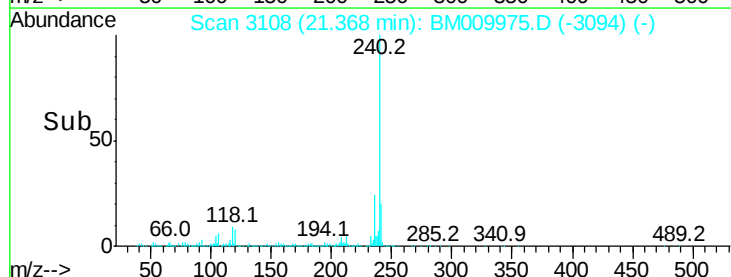
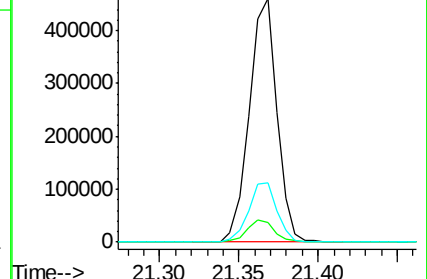
236 24.1 20.0 30.0

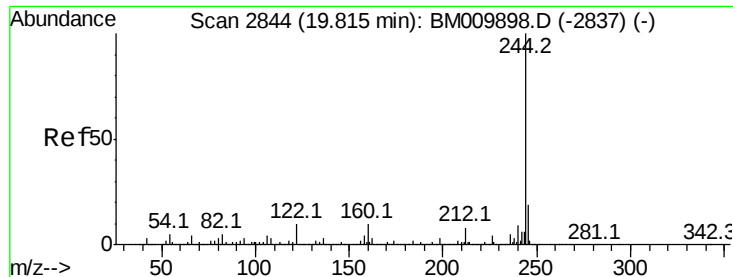


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.66 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009975.D

Acq: 10 May 2017 17:46

Instrument :

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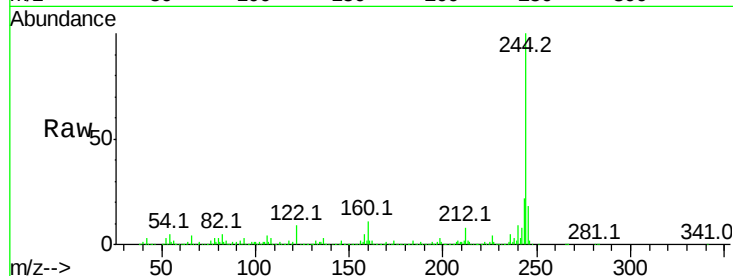
Tot Ion:244 Resp: 1808538

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	9.1	6.2	9.4

244 100

212 7.9 4.9 7.3#

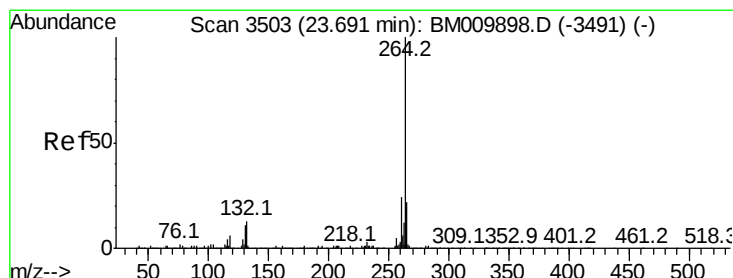
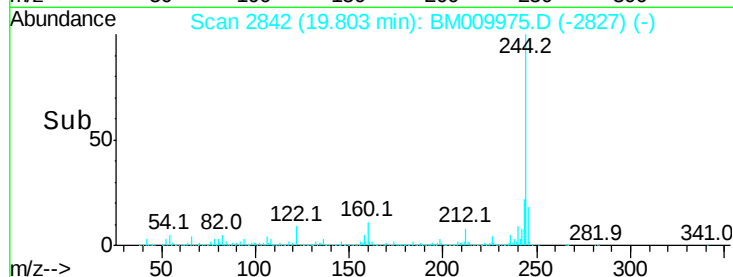
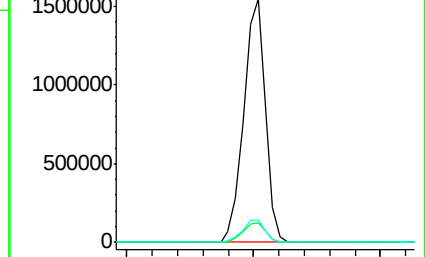
122 9.1 6.2 9.4



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: 20.00 ng

RT: 23.66 min Scan# 3498

Delta R.T. -0.03 min

Lab File: BM009975.D

Acq: 10 May 2017 17:46

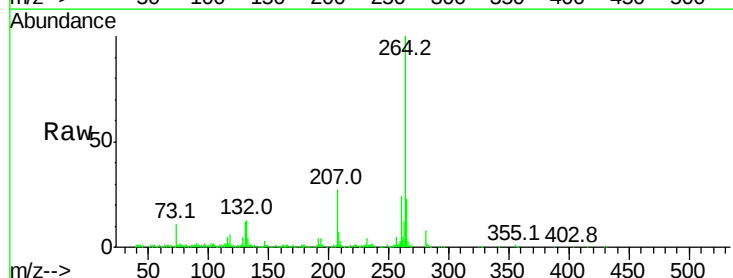
Tgt Ion:264 Resp: 491994

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	22.5	17.3	25.9

264 100

260 24.4 18.6 27.8

265 22.5 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

