

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010041.D
 Acq On : 15 May 2017 15:54
 Operator : SJ/MA
 Sample : I3100-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 16 04:18:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

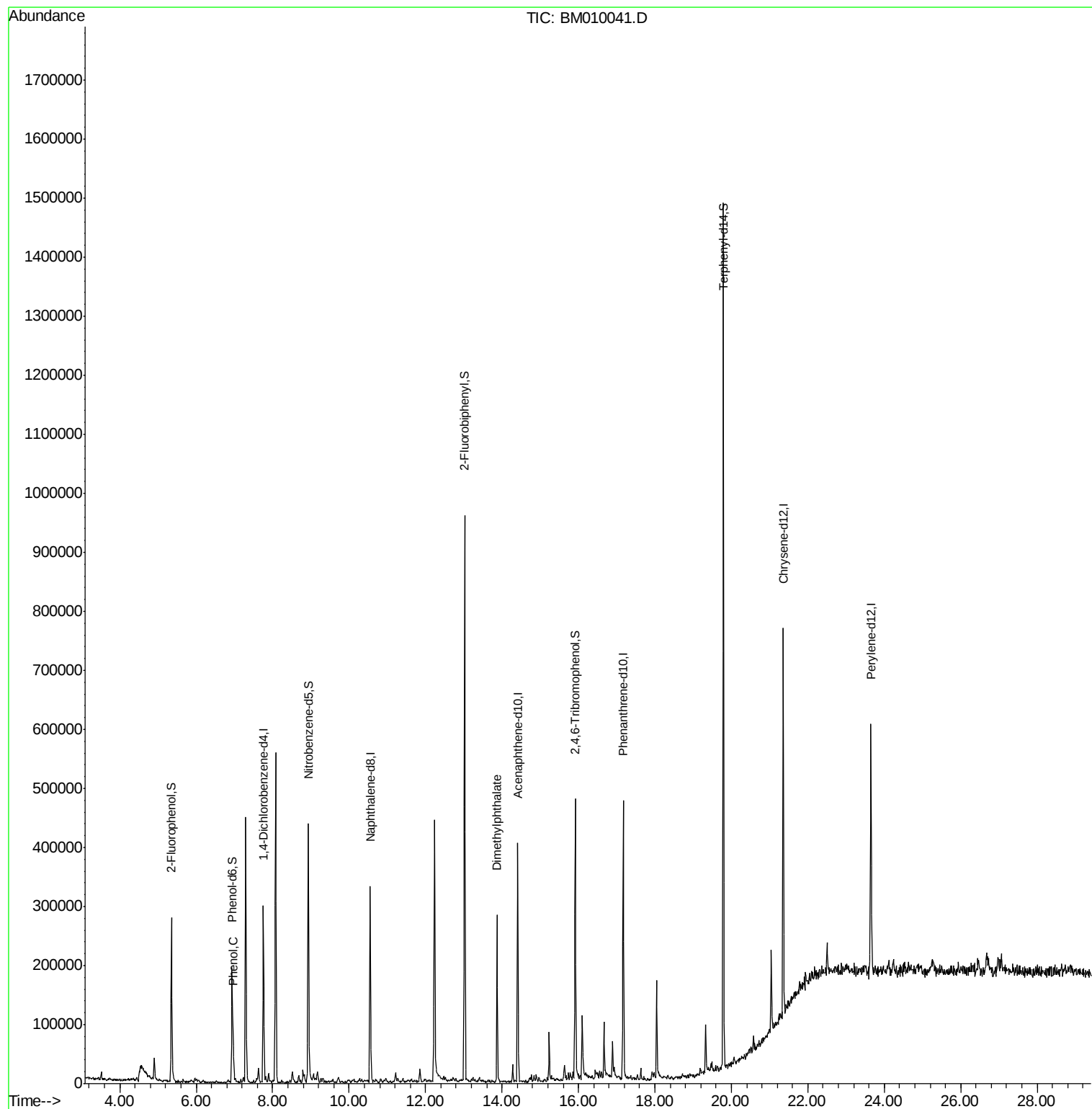
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	53139	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	202009	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	106406	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	233498	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	293455	20.00	ng	-0.03
86) Perylene-d12	23.65	264	271307	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	84501	24.89	ng	-0.02
7) Phenol-d6	6.94	99	83897	15.42	ng	-0.03
23) Nitrobenzene-d5	8.93	82	253423	45.85	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	57255	39.32	ng	-0.02
44) 2-Fluorobiphenyl	13.02	172	369489	46.44	ng	-0.03
78) Terphenyl-d14	19.79	244	480055	34.48	ng	-0.02
Target Compounds						
10) Phenol	6.97	94	22228	3.76	ng	98
49) Dimethylphthalate	13.87	163	133948	14.28	ng	99

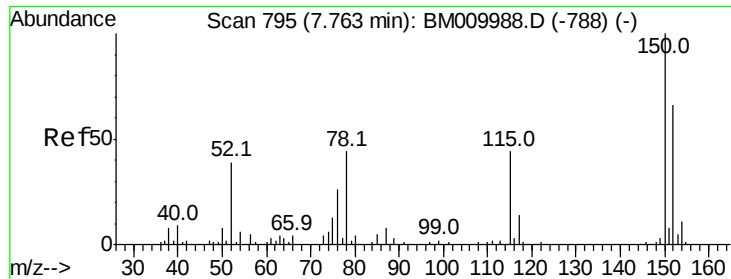
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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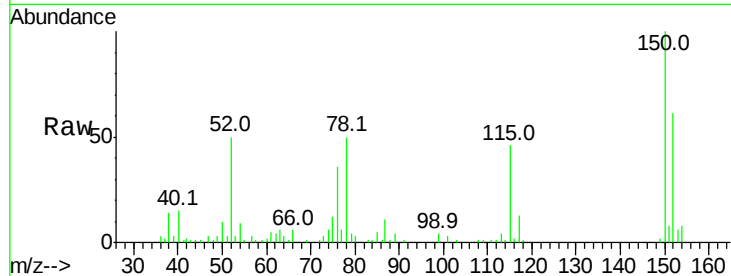


#1

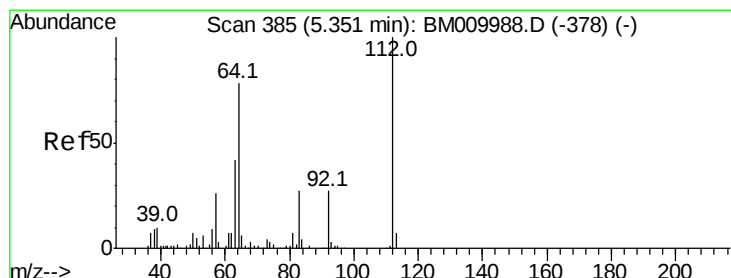
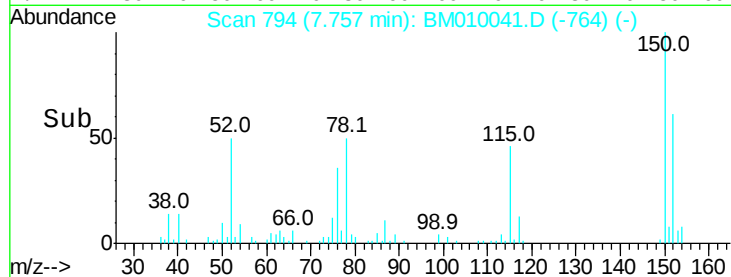
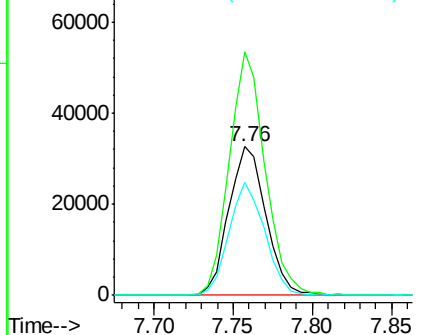
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010041.D
Acq: 15 May 2017 15:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 53139
Ion Ratio Lower Upper
152 100
150 163.7 119.5 179.3
115 76.0 43.0 64.4#



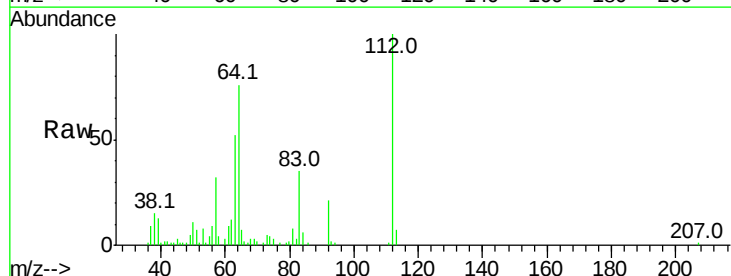
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



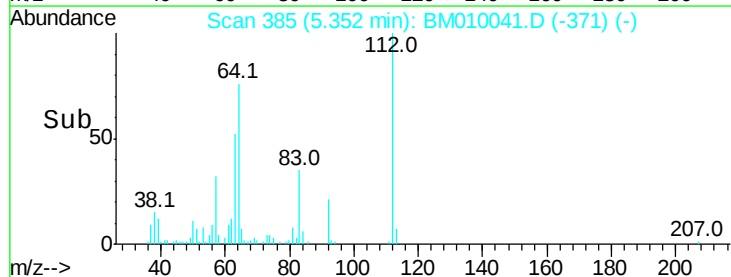
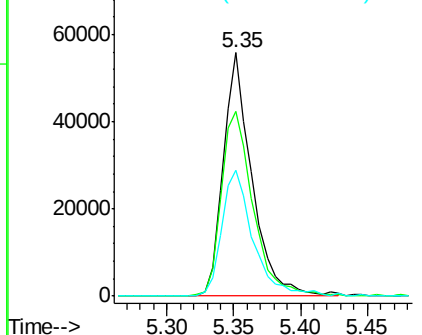
#5

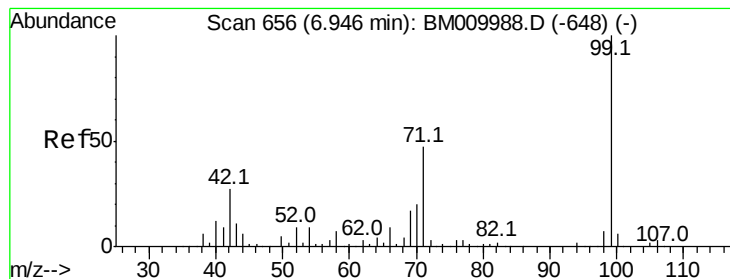
2-Fluorophenol
Concen: 24.89 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010041.D
Acq: 15 May 2017 15:54

Tgt Ion:112 Resp: 84501
Ion Ratio Lower Upper
112 100
64 75.6 38.6 57.8#
63 51.9 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: 15.42 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010041.D

Acq: 15 May 2017 15:54

Instrument :

BNA_M

ClientSampleId :

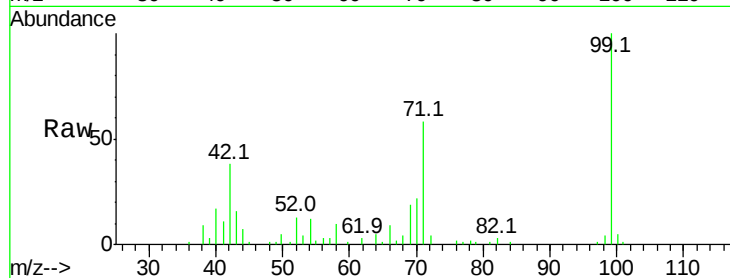
Tot Ion: 99 Resp: 83897

Ion Ratio Lower Upper

99 100

42 37.6 11.0 16.4#

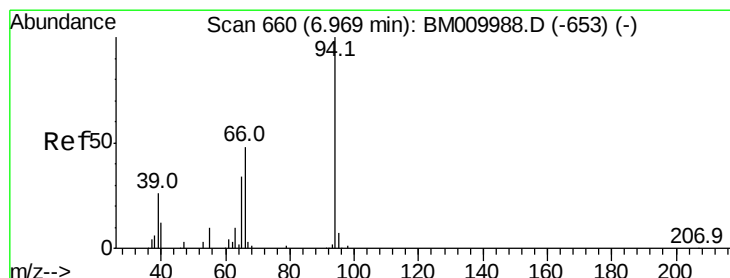
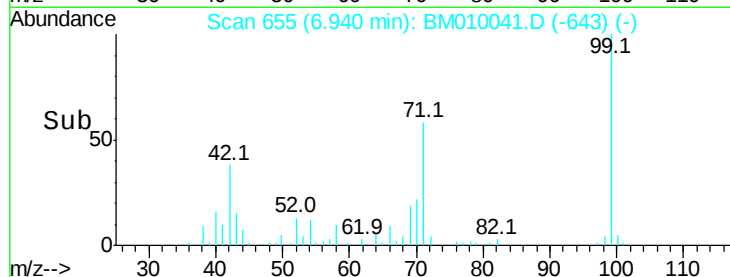
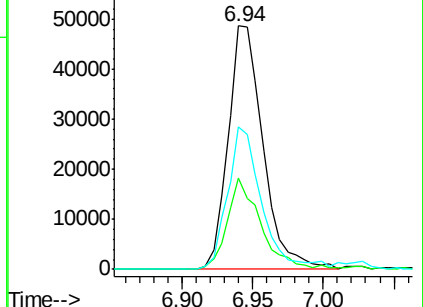
71 58.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009988.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM009988.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM009988.D (-648) (-)



#10

Phenol

Concen: 3.76 ng

RT: 6.97 min Scan# 660

Delta R.T. -0.03 min

Lab File: BM010041.D

Acq: 15 May 2017 15:54

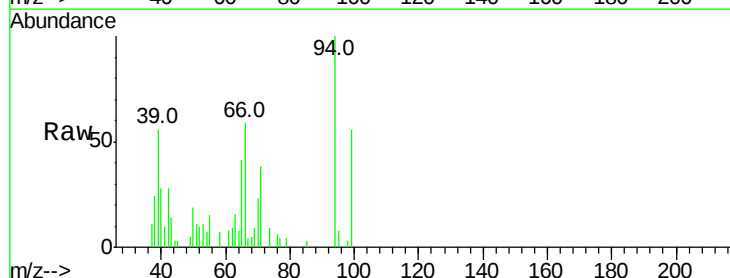
Tgt Ion: 94 Resp: 22228

Ion Ratio Lower Upper

94 100

65 40.9 18.8 58.8

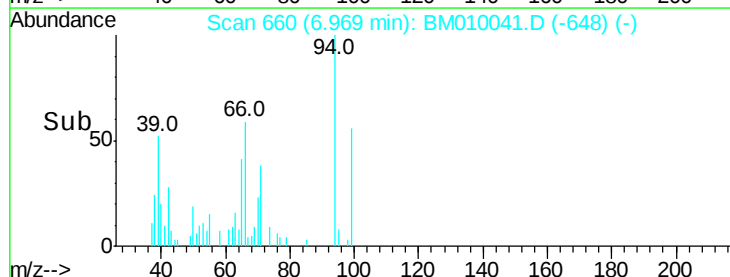
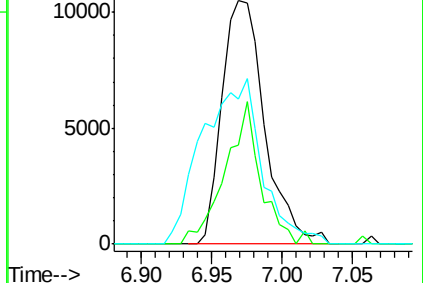
66 59.4 39.9 79.9

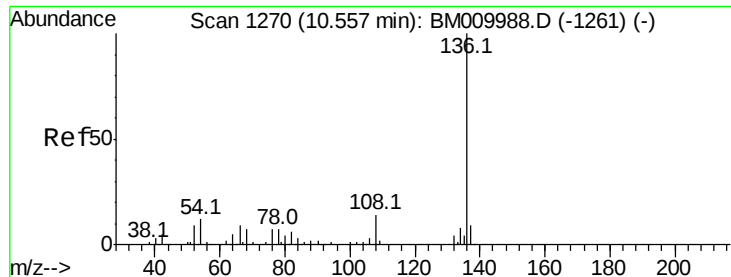


Abundance Ion 94.00 (93.70 to 94.70): BM009988.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM009988.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM009988.D (-653) (-)

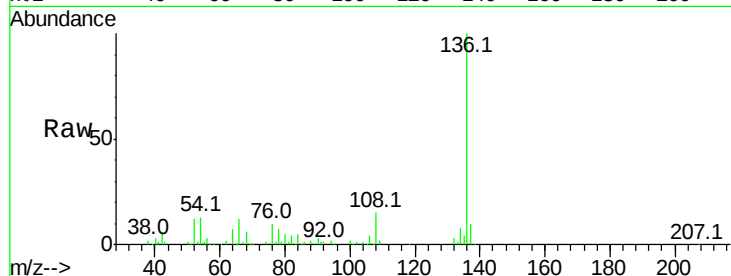




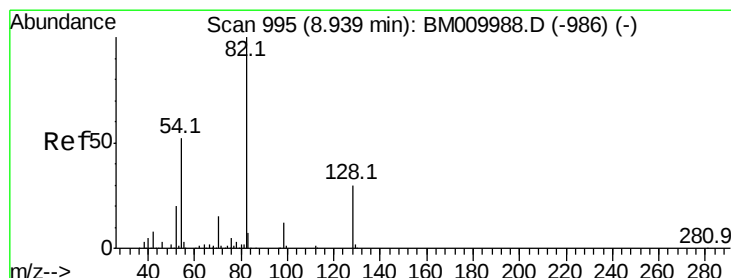
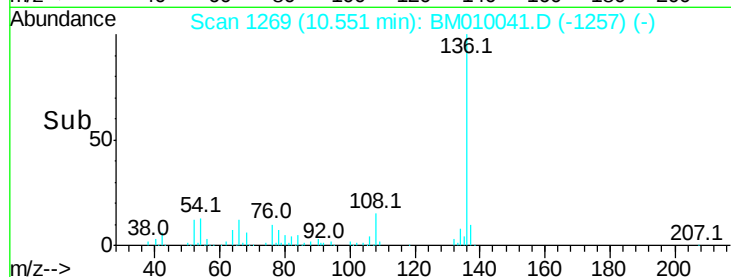
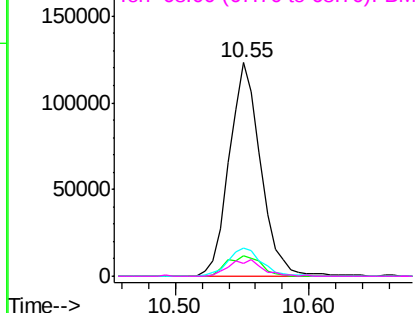
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010041.D
Acq: 15 May 2017 15:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	202009
Ion Ratio	Lower	Upper
136	100	
137	9.5	8.7 13.1
54	13.4	4.6 6.8#
68	6.3	3.7 5.5#

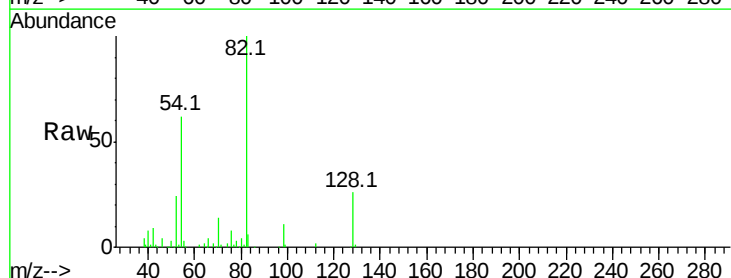


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

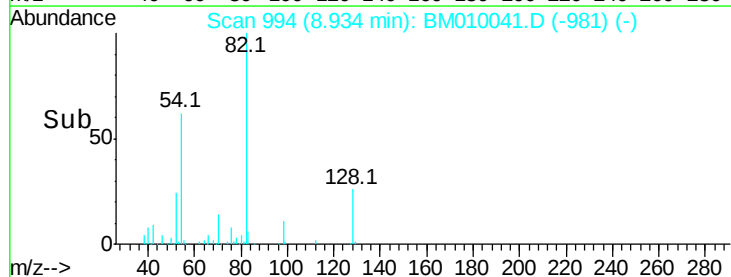
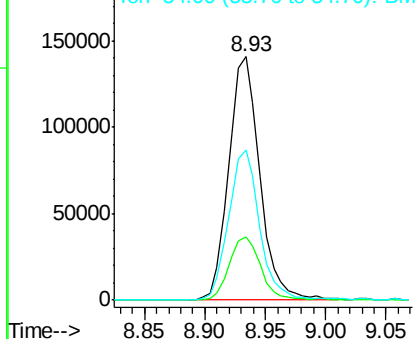


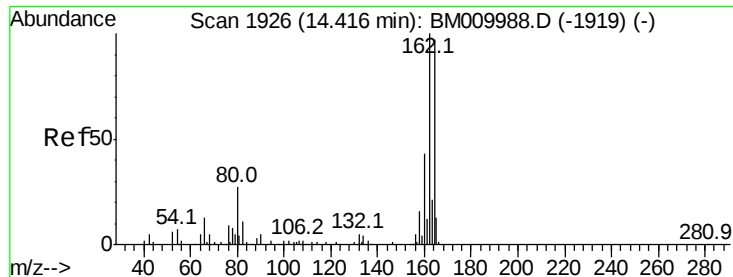
#23
Nitrobenzene-d5
Concen: 45.85 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM010041.D
Acq: 15 May 2017 15:54

Tgt Ion: 82	Resp:	253423
Ion Ratio	Lower	Upper
82	100	
128	26.1	32.8 49.2#
54	61.8	40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM010041.D

Acq: 15 May 2017 15:54

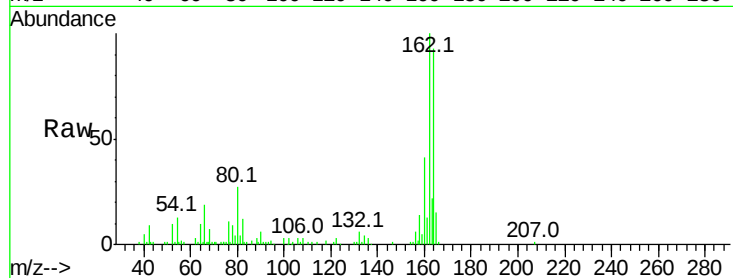
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 106406

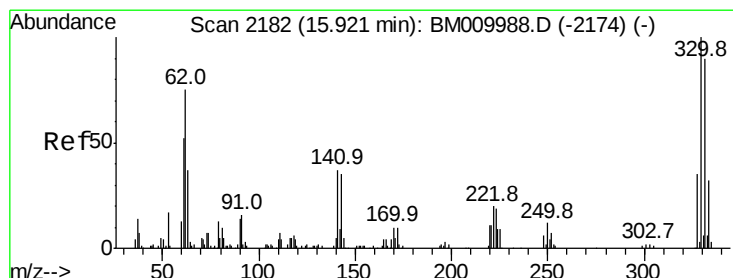
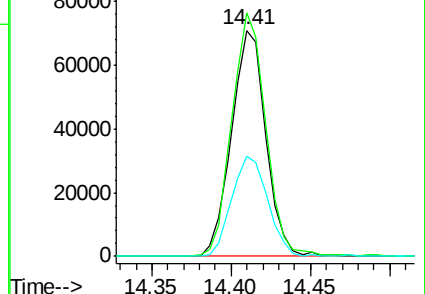
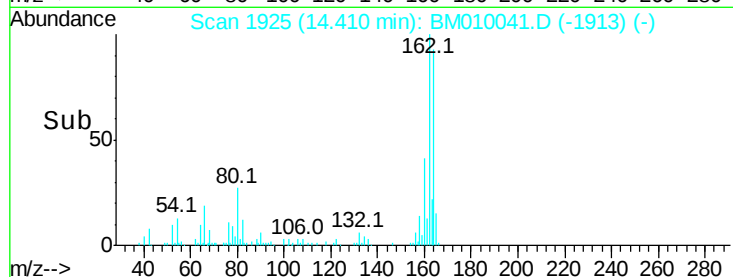
Ion	Ratio	Lower	Upper
164	100		
162	107.8	82.4	123.6
160	44.5	35.8	53.6



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: 39.32 ng

RT: 15.92 min Scan# 2181

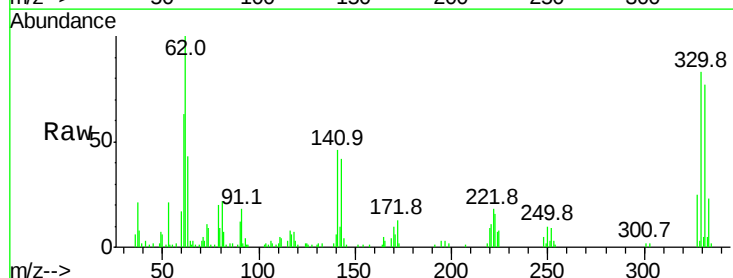
Delta R.T. -0.02 min

Lab File: BM010041.D

Acq: 15 May 2017 15:54

Tgt Ion:330 Resp: 57255

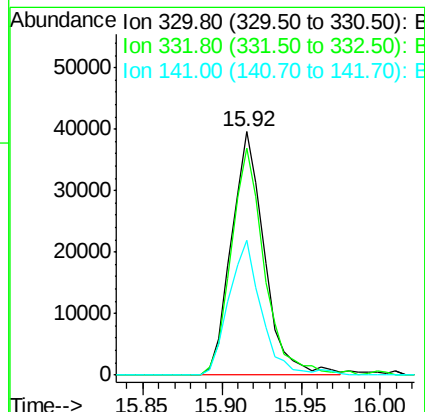
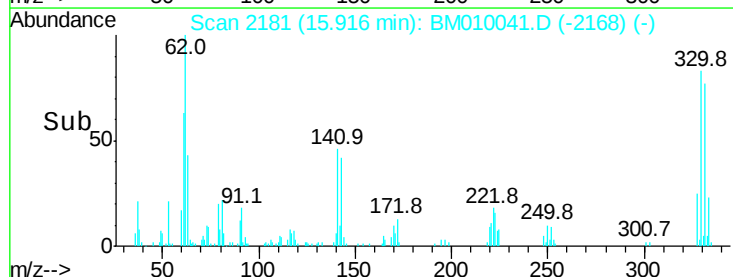
Ion	Ratio	Lower	Upper
330	100		
332	93.1	0.0	0.0#
141	53.7	0.0	0.0#

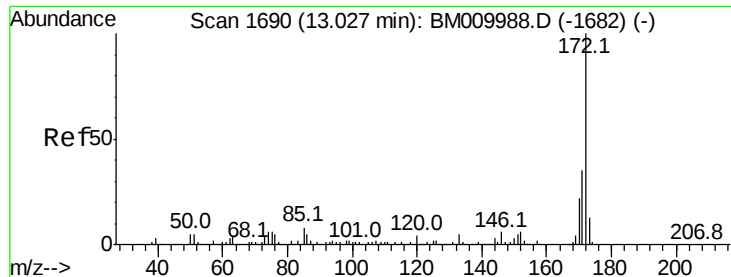


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

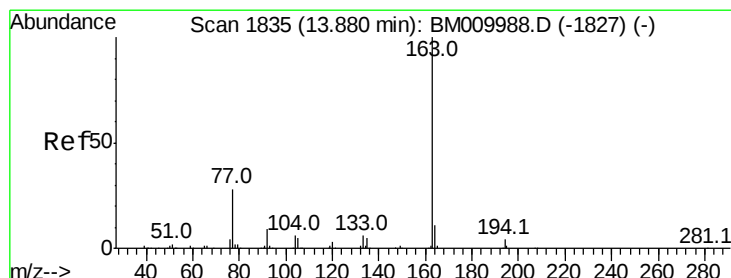
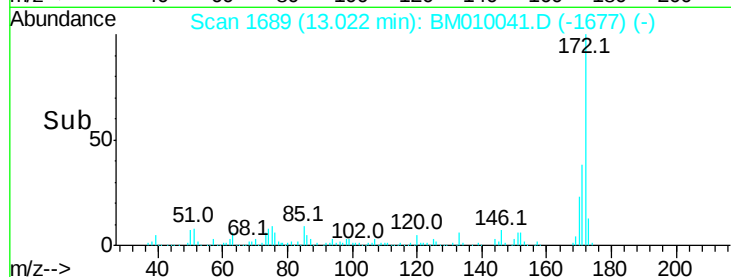
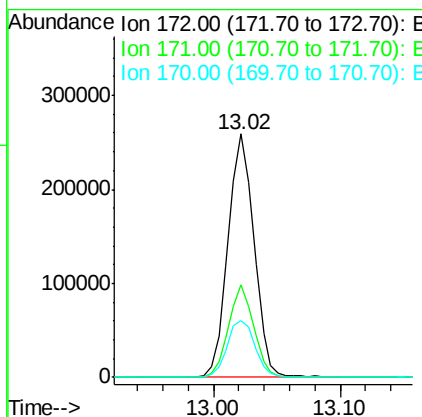
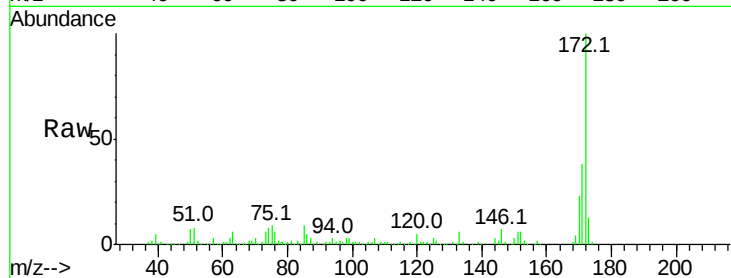




#44
2-Fluorobiphenyl
Concen: 46.44 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.03 min
Lab File: BM010041.D
Acq: 15 May 2017 15:54

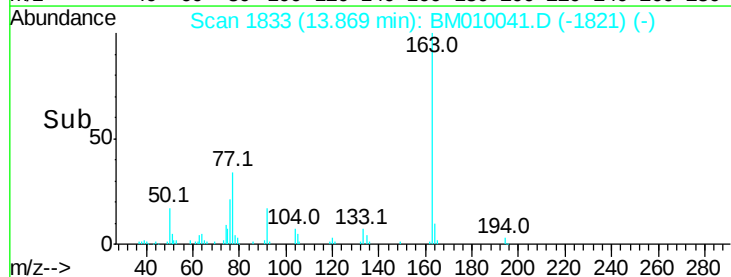
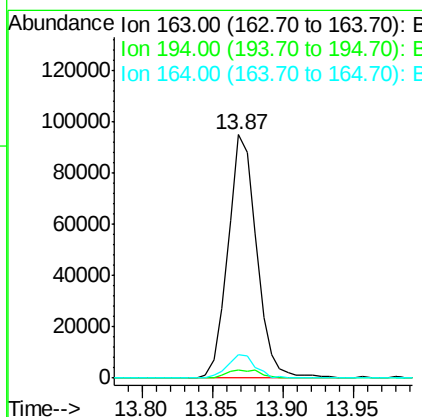
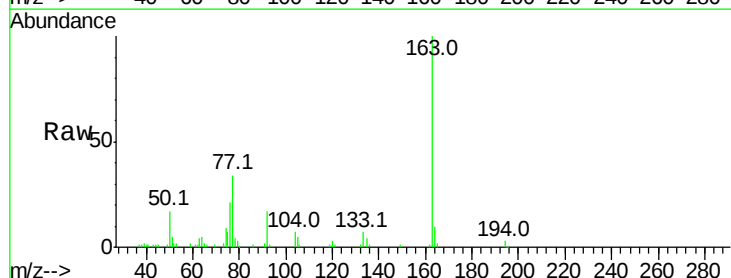
Instrument :
BNA_M
ClientSampleId :

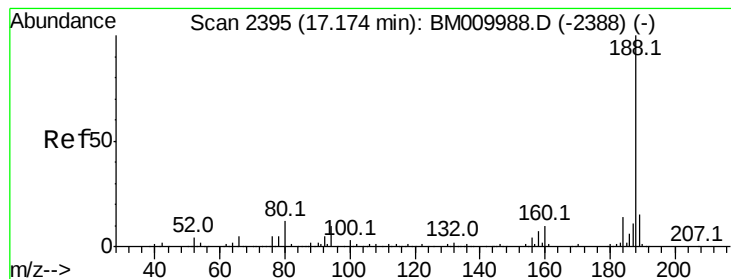
Tot Ion:172 Resp: 369489
Ion Ratio Lower Upper
172 100
171 38.1 28.5 42.7
170 23.4 18.8 28.2



#49
Dimethylphthalate
Concen: 14.28 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.03 min
Lab File: BM010041.D
Acq: 15 May 2017 15:54

Tgt Ion:163 Resp: 133948
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.5 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.03 min

Lab File: BM010041.D

Acq: 15 May 2017 15:54

Instrument :

BNA_M

ClientSampleId :

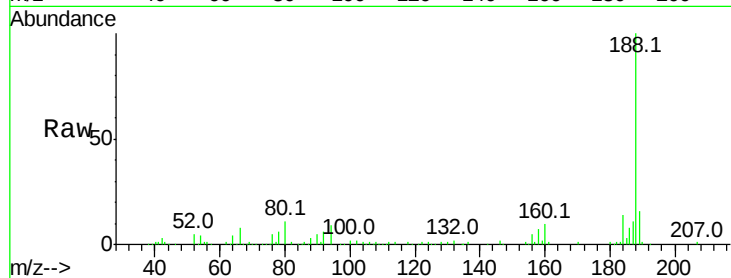
Tot Ion:188 Resp: 233498

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

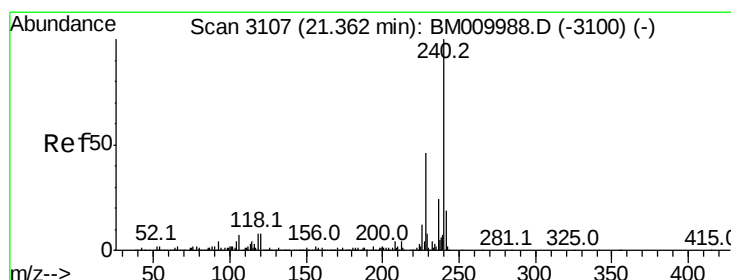
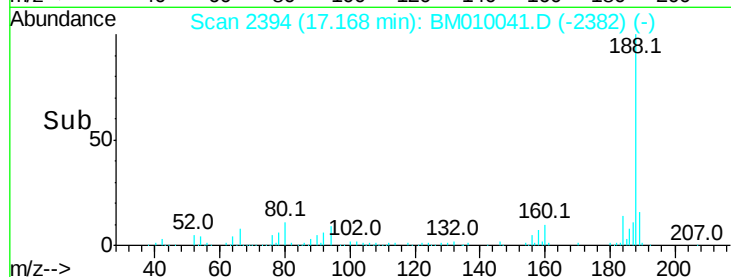
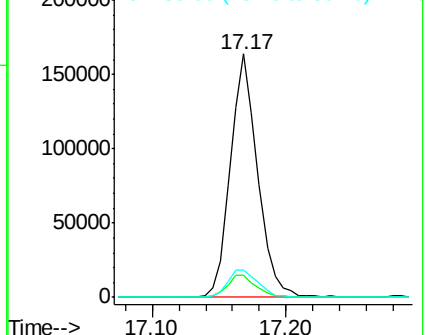
80 11.2 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010041.D

Acq: 15 May 2017 15:54

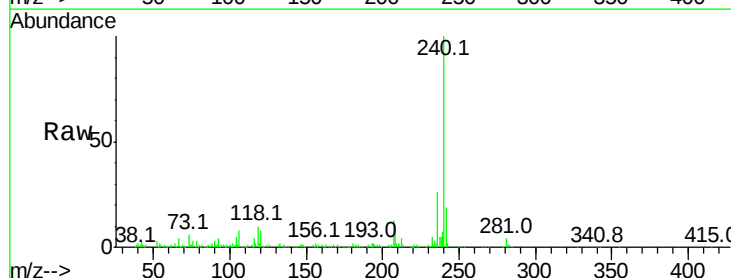
Tgt Ion:240 Resp: 293455

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

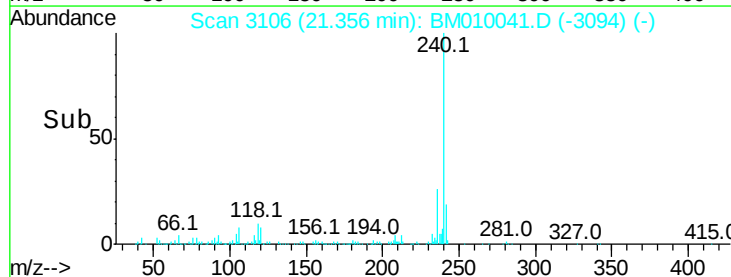
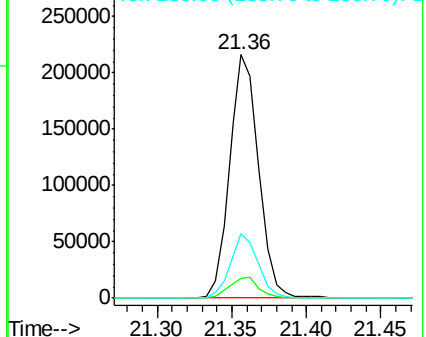
236 26.3 20.0 30.0

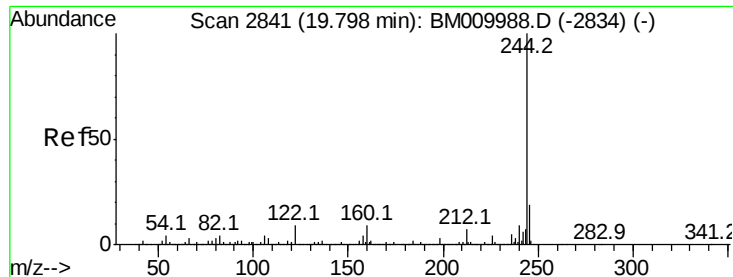


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 34.48 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010041.D

Acq: 15 May 2017 15:54

Instrument :

BNA_M

ClientSampleId :

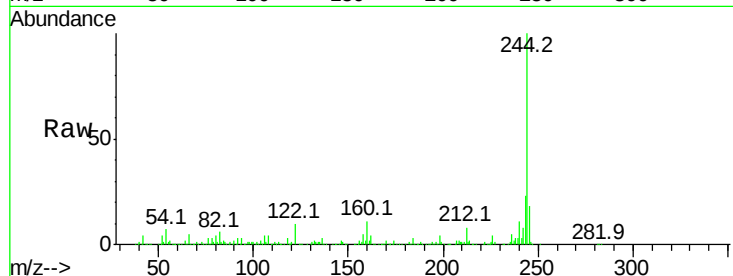
Tot Ion:244 Resp: 480055

Ion Ratio Lower Upper

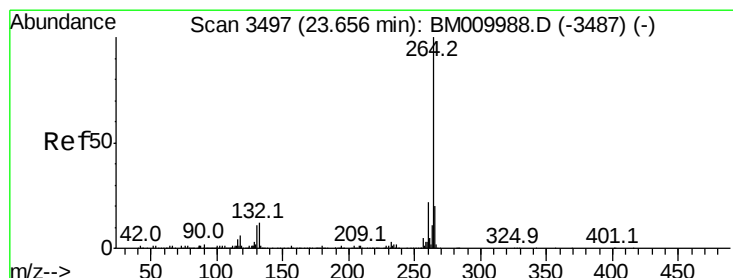
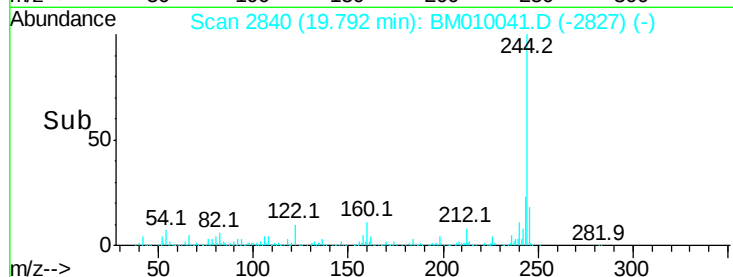
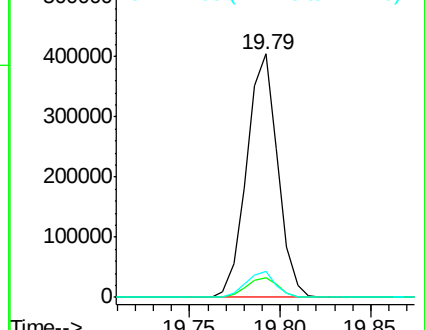
244 100

212 7.8 4.9 7.3#

122 10.5 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: 23.65 min Scan# 3496

Delta R.T. -0.04 min

Lab File: BM010041.D

Acq: 15 May 2017 15:54

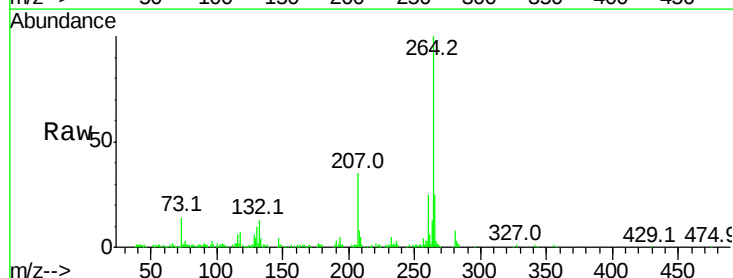
Tgt Ion:264 Resp: 271307

Ion Ratio Lower Upper

264 100

260 25.3 18.6 27.8

265 24.6 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

