

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009440.D
 Acq On : 29 Mar 2017 19:47
 Operator : SJ/MA
 Sample : I2437-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW30S-GW

Quant Time: Mar 30 01:01:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

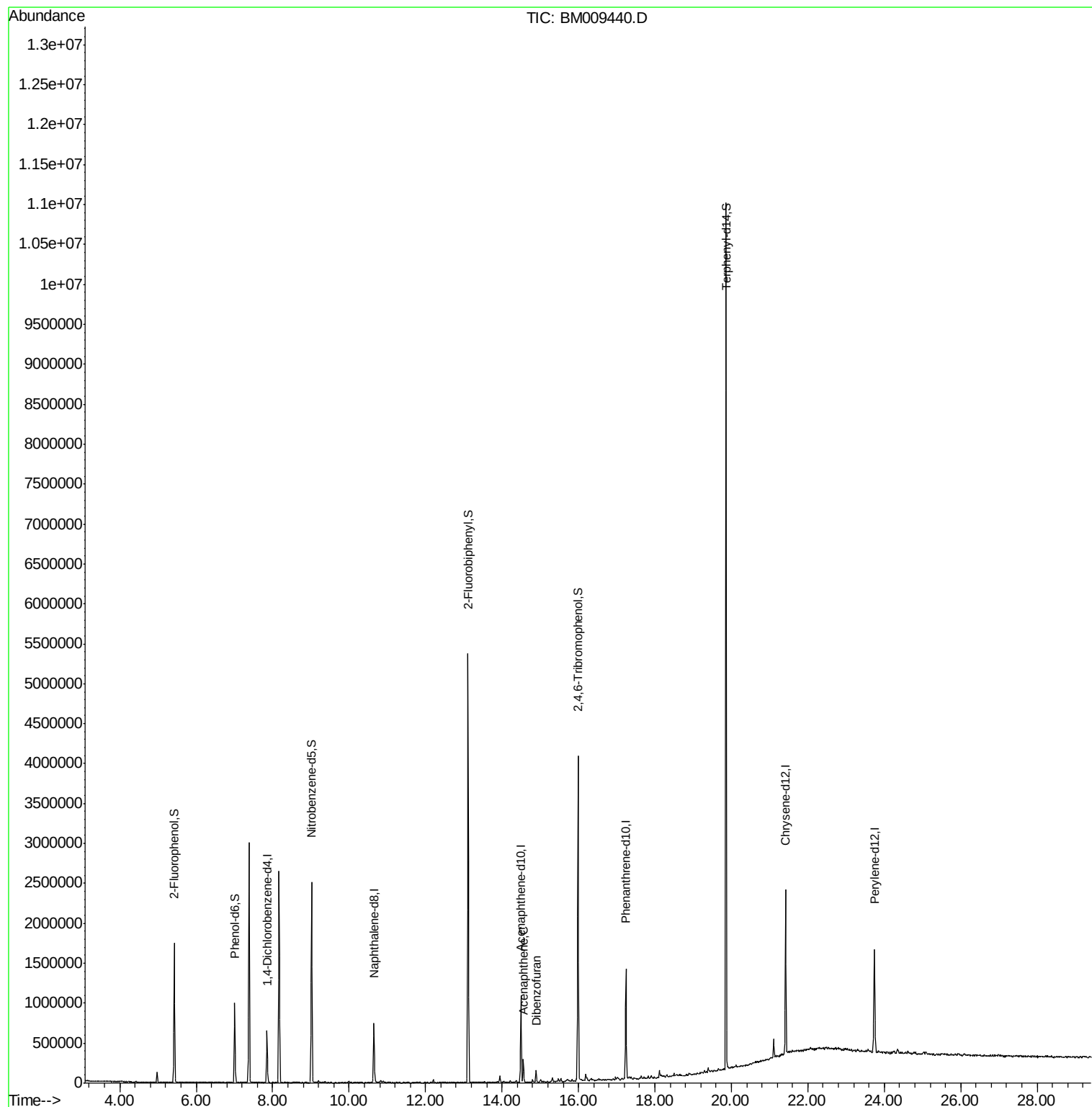
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	146613	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	556658	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	317371	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	774360	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	1029648	20.00	ng	-0.01
86) Perylene-d12	23.74	264	978337	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	574552	65.32	ng	-0.01
7) Phenol-d6	7.00	99	481266	40.12	ng	-0.02
23) Nitrobenzene-d5	9.02	82	1376082	92.69	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	596714	151.35	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2439734	92.63	ng	-0.01
78) Terphenyl-d14	19.86	244	4108931	83.39	ng	0.00
Target Compounds						
51) Acenaphthene	14.56	154	87137	4.32	ng	Qvalue 96
54) Dibenzofuran	14.89	168	81969	2.75	ng	# 87

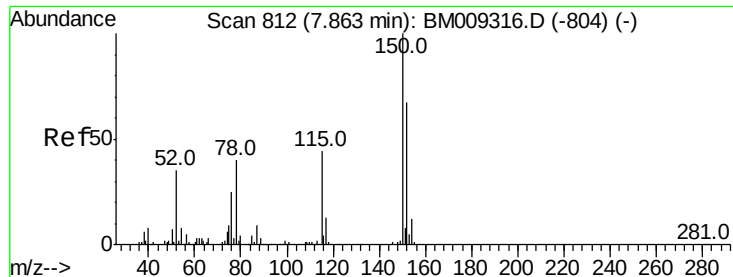
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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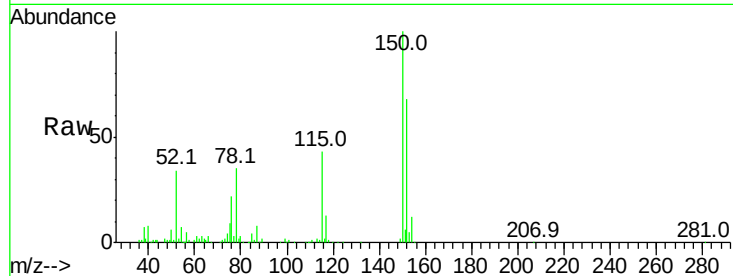


#1

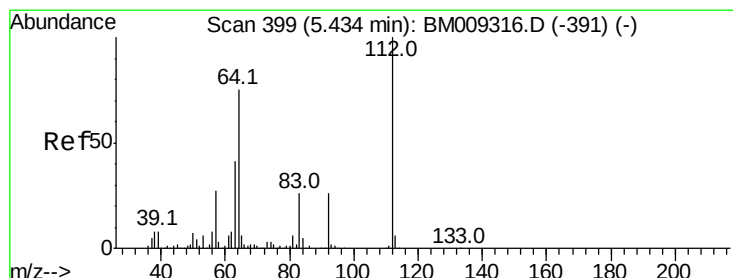
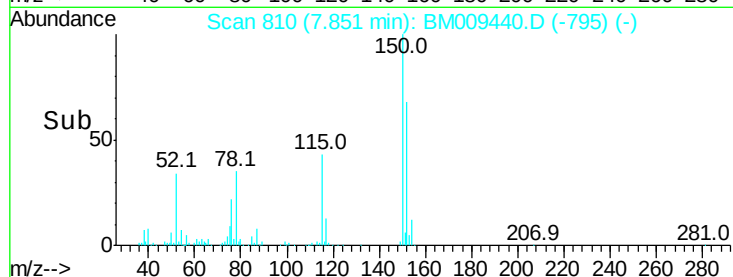
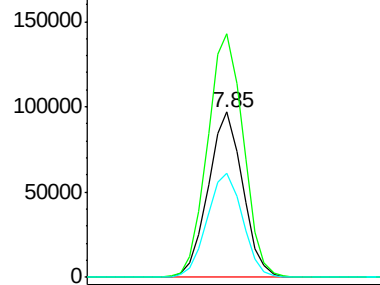
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30S-GW

Tot Ion:152 Resp: 146613
Ion Ratio Lower Upper
152 100
150 147.3 119.5 179.3
115 62.8 43.0 64.4



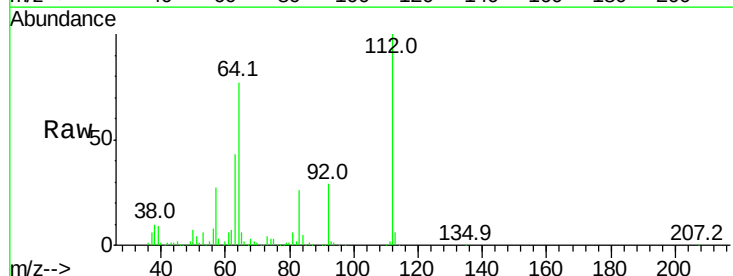
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



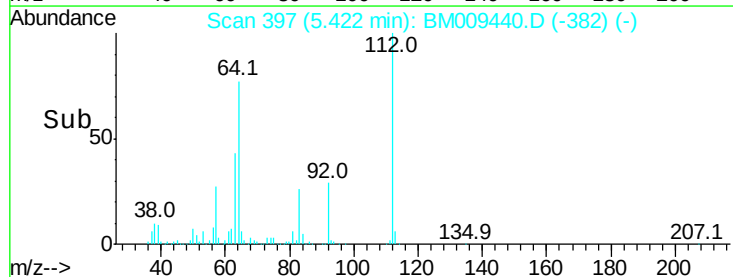
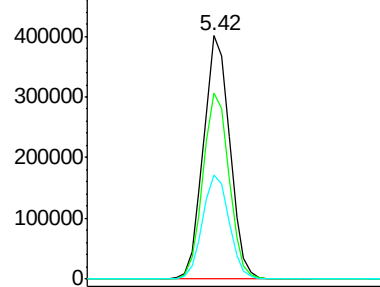
#5

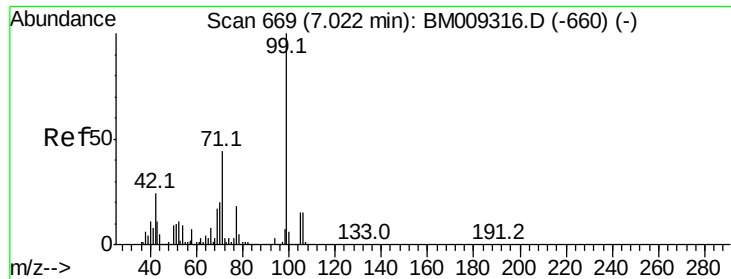
2-Fluorophenol
Concen: 65.32 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Tgt Ion:112 Resp: 574552
Ion Ratio Lower Upper
112 100
64 76.6 38.6 57.8#
63 42.7 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: 40.12 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009440.D

Acq: 29 Mar 2017 19:47

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW30S-GW

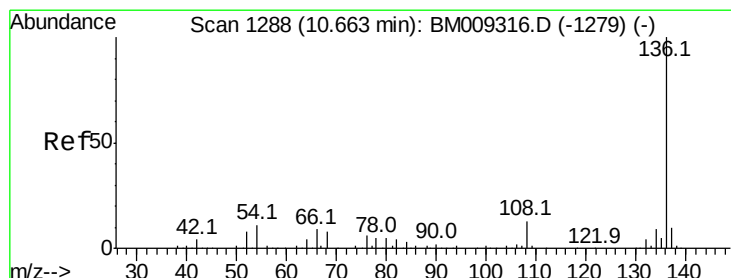
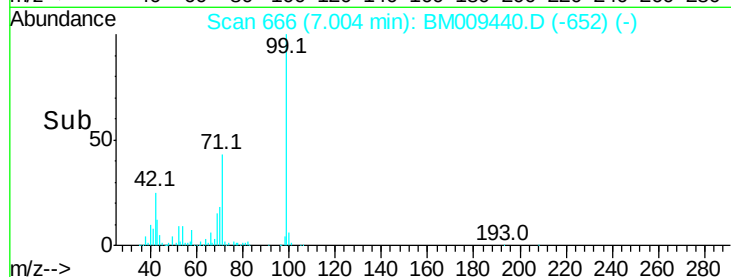
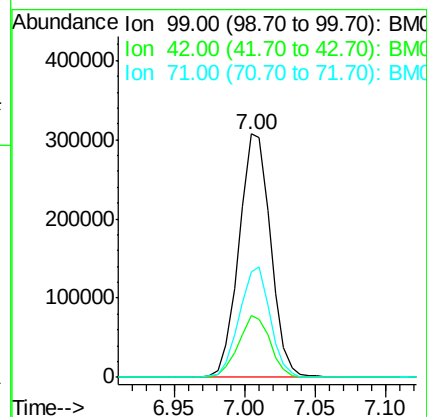
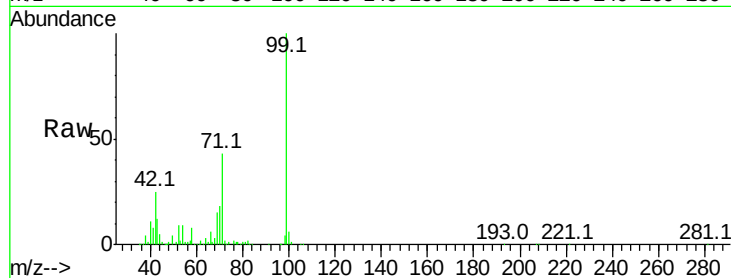
Tot Ion: 99 Resp: 481266

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

71 43.5 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009440.D

Acq: 29 Mar 2017 19:47

Tgt Ion: 136 Resp: 556658

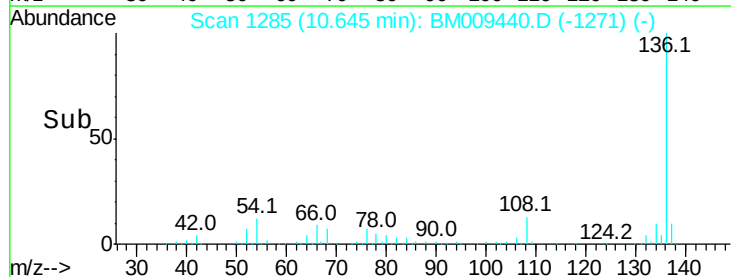
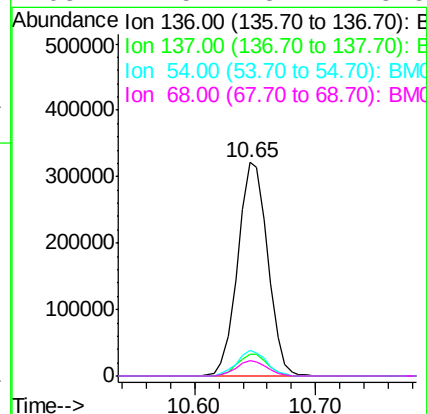
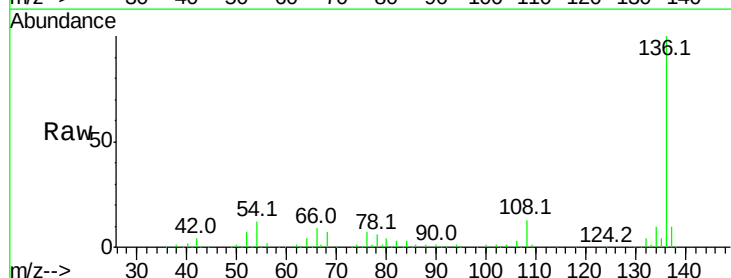
Ion Ratio Lower Upper

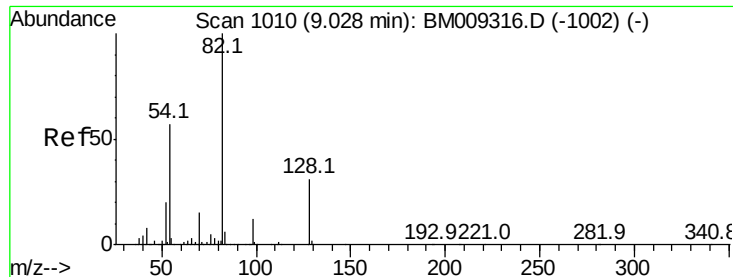
136 100

137 10.1 8.7 13.1

54 12.1 4.6 6.8#

68 7.5 3.7 5.5#



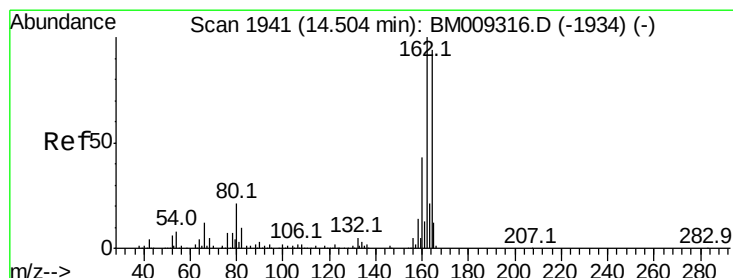
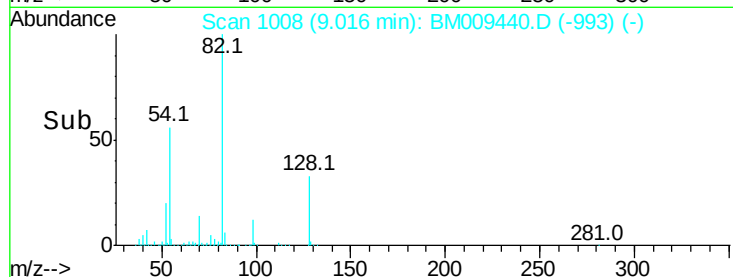
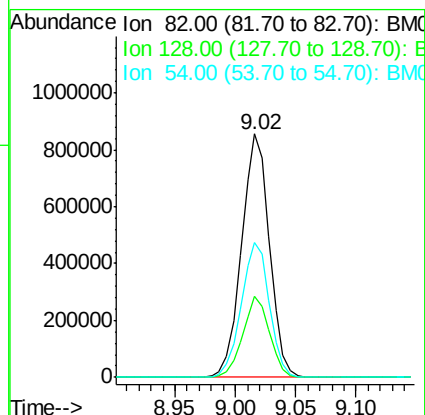
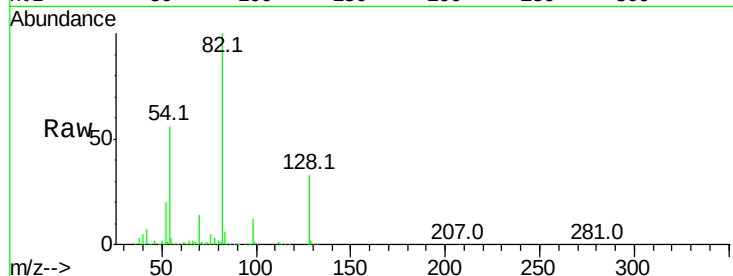


#23
Nitrobenzene-d5
Concen: 92.69 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30S-GW

Tot Ion: 82 Resp: 1376082

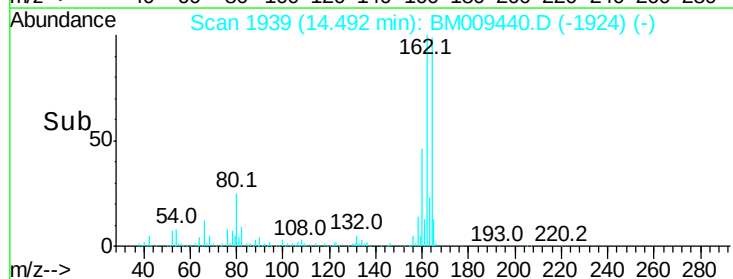
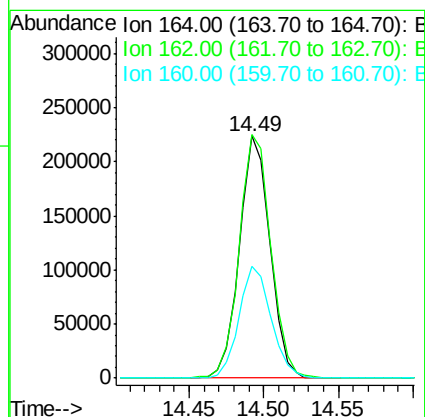
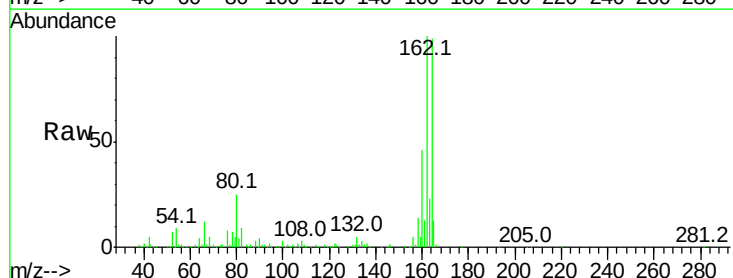
Ion	Ratio	Lower	Upper
82	100		
128	33.1	32.8	49.2
54	55.6	40.6	60.8

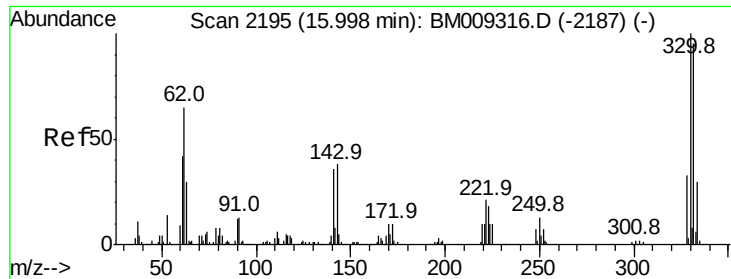


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Tgt Ion: 164 Resp: 317371

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.4	123.6
160	46.1	35.8	53.6

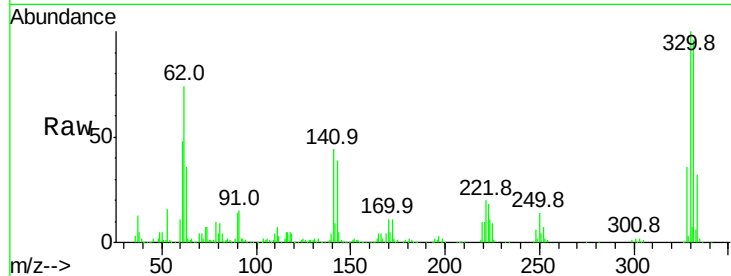




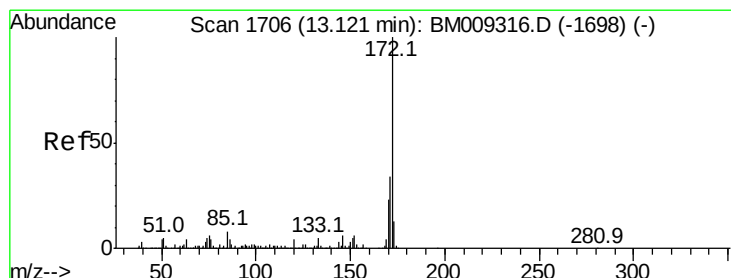
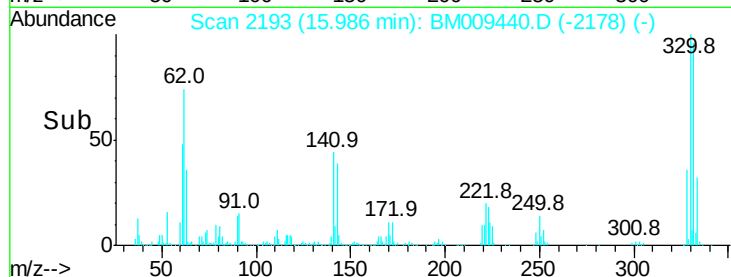
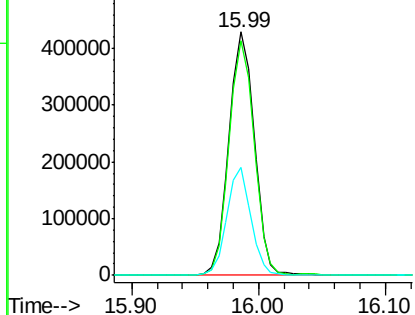
#41
 2,4,6-Tribromophenol
 Concen: 151.35 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009440.D
 Acq: 29 Mar 2017 19:47

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW30S-GW

Tot Ion:330 Resp: 596714
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 42.2 0.0 0.0#

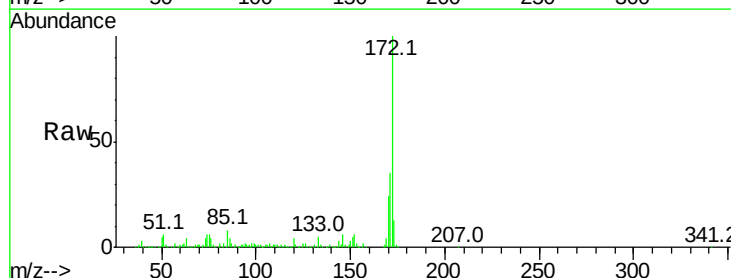


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

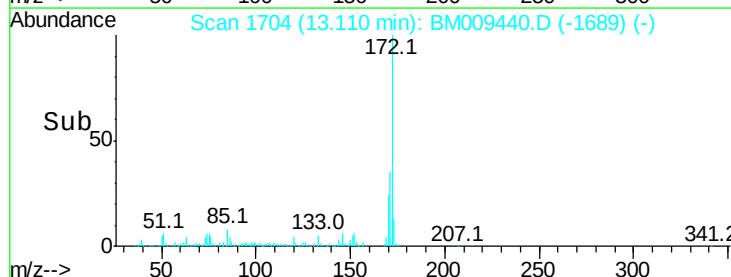
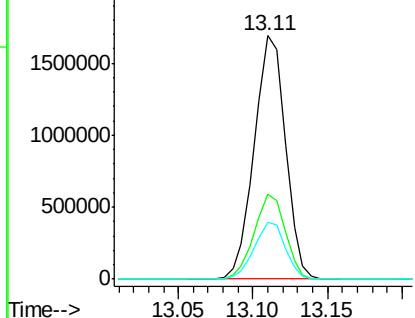


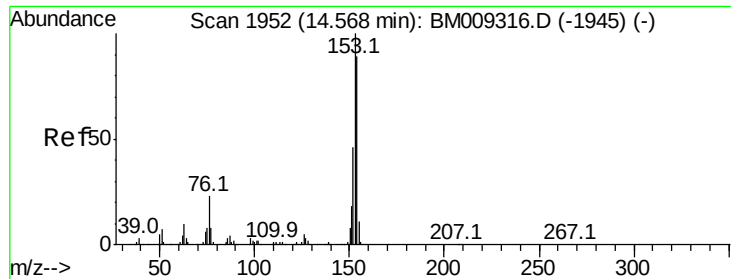
#44
 2-Fluorobiphenyl
 Concen: 92.63 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009440.D
 Acq: 29 Mar 2017 19:47

Tgt Ion:172 Resp: 2439734
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.5 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





#51

Acenaphthene

Concen: 4.32 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009440.D

Acq: 29 Mar 2017 19:47

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW30S-GW

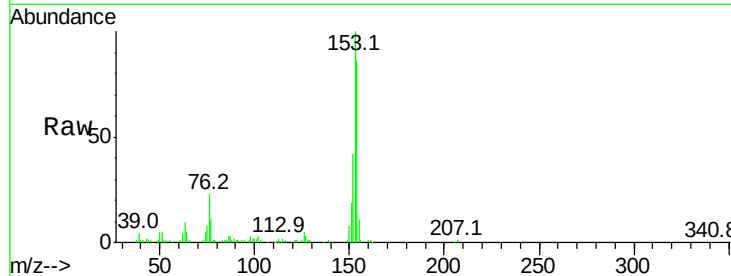
Tot Ion:154 Resp: 87137

Ion Ratio Lower Upper

154 100

153 116.8 90.0 135.0

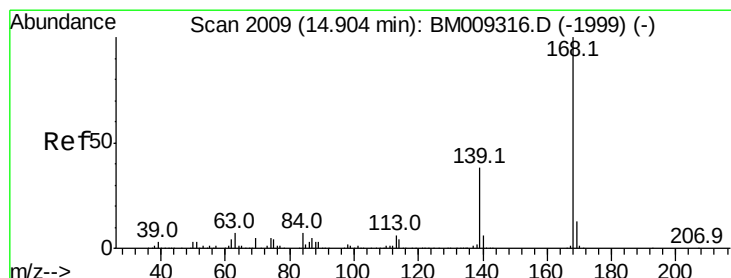
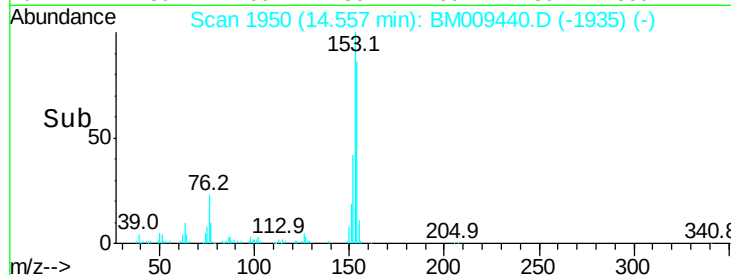
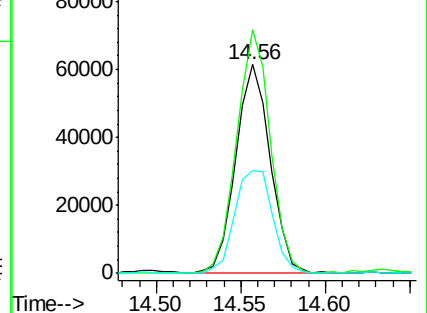
152 49.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.75 ng

RT: 14.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BM009440.D

Acq: 29 Mar 2017 19:47

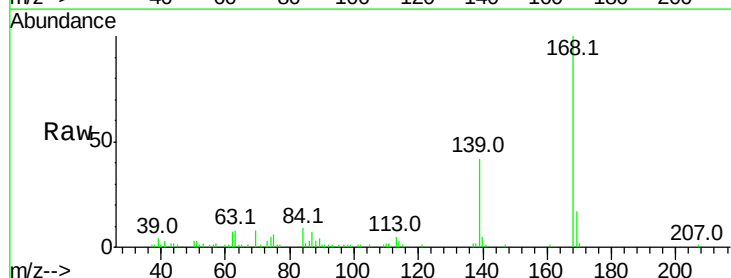
Tgt Ion:168 Resp: 81969

Ion Ratio Lower Upper

168 100

139 42.4 27.3 40.9#

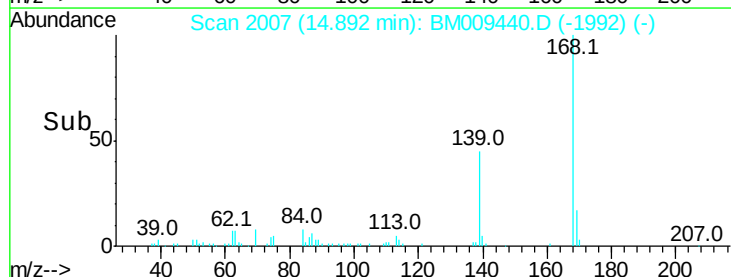
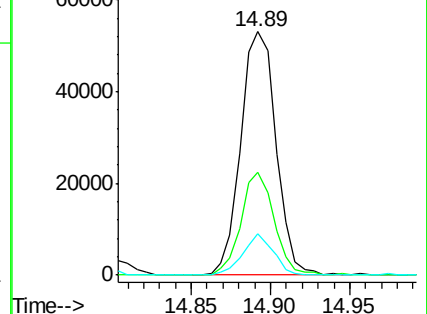
169 17.2 10.6 16.0#

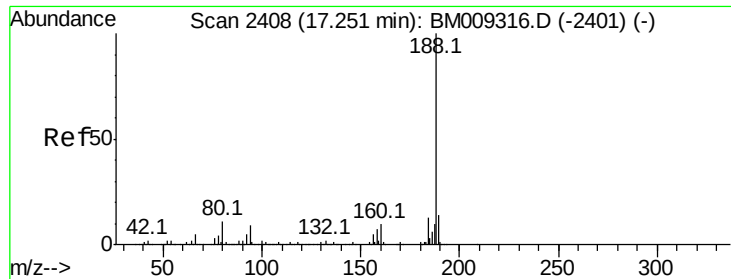


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

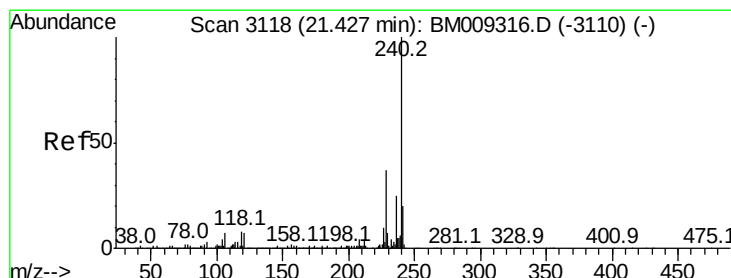
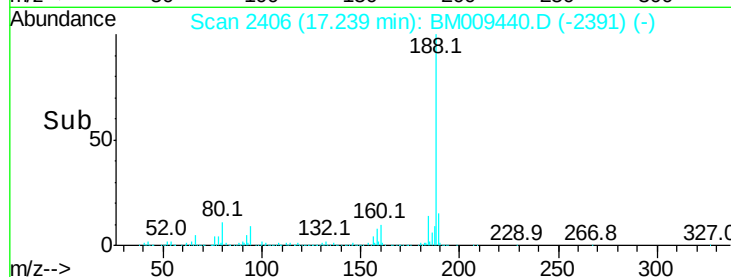
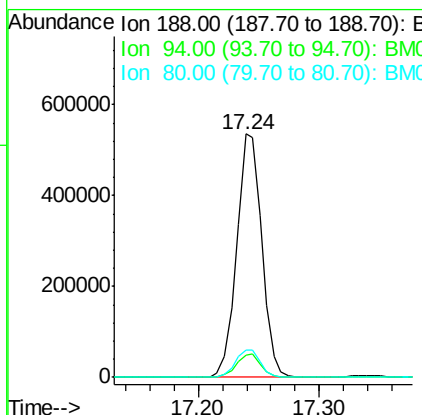
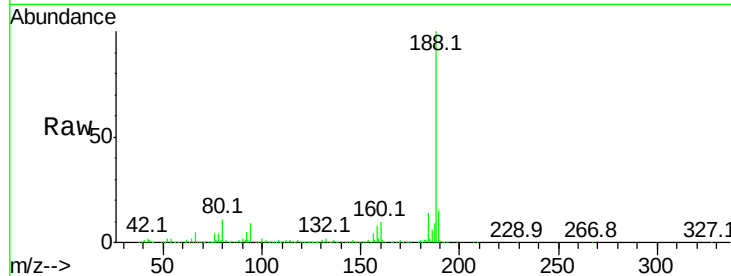




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

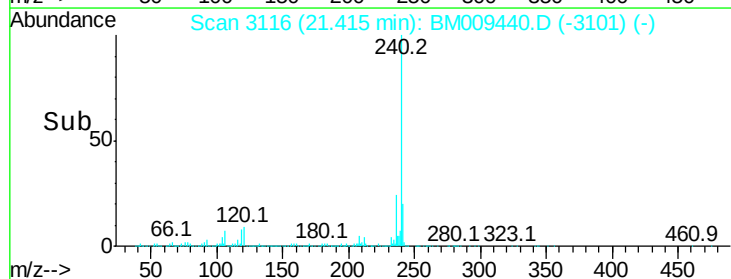
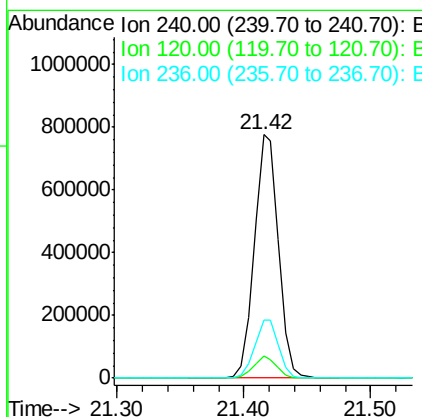
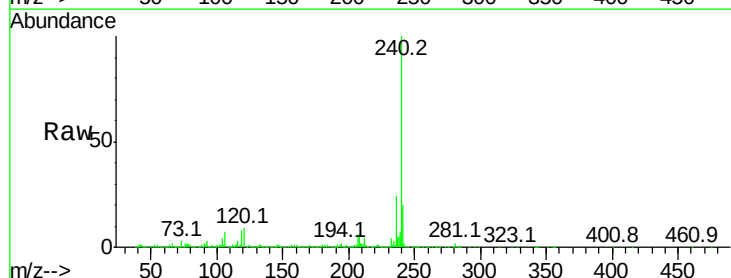
Instrument :
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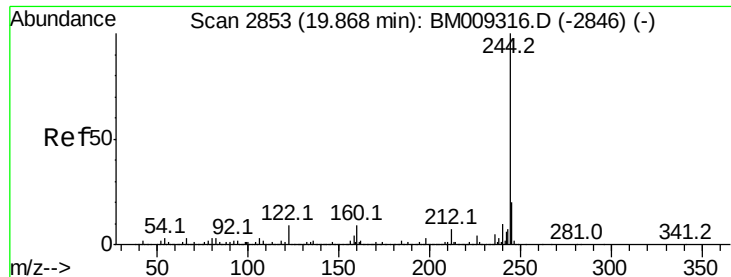
Tot Ion:188 Resp: 774360
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 11.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Tgt Ion:240 Resp: 1029648
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 23.8 20.0 30.0





#78

Terphenyl-d14

Concen: 83.39 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009440.D

Acq: 29 Mar 2017 19:47

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW30S-GW

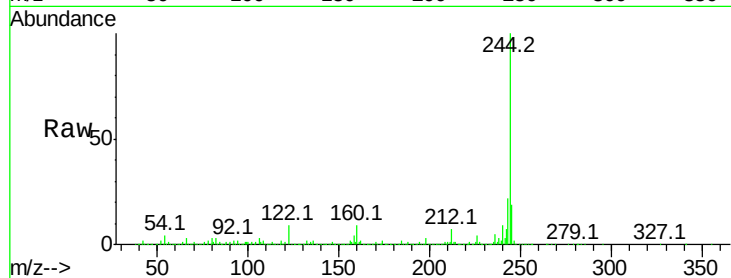
Tot Ion:244 Resp: 4108931

Ion Ratio Lower Upper

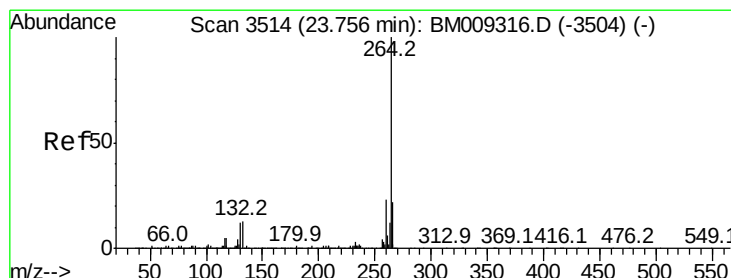
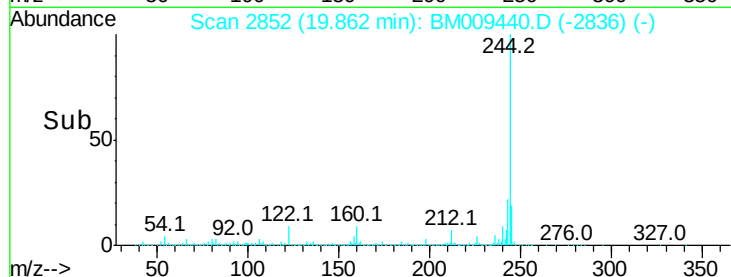
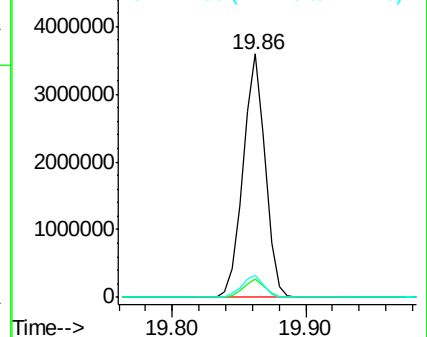
244 100

212 7.5 4.9 7.3#

122 8.9 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: 20.00 ng

RT: 23.74 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM009440.D

Acq: 29 Mar 2017 19:47

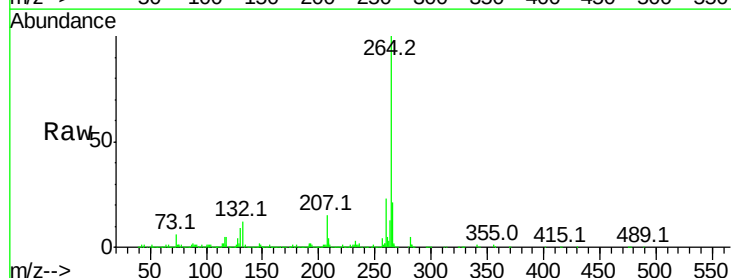
Tgt Ion:264 Resp: 978337

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 21.5 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

