

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043606.D
 Acq On : 12 Nov 2019 6:45
 Operator : JU
 Sample : K5762-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HP-640

Quant Time: Nov 12 08:23:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

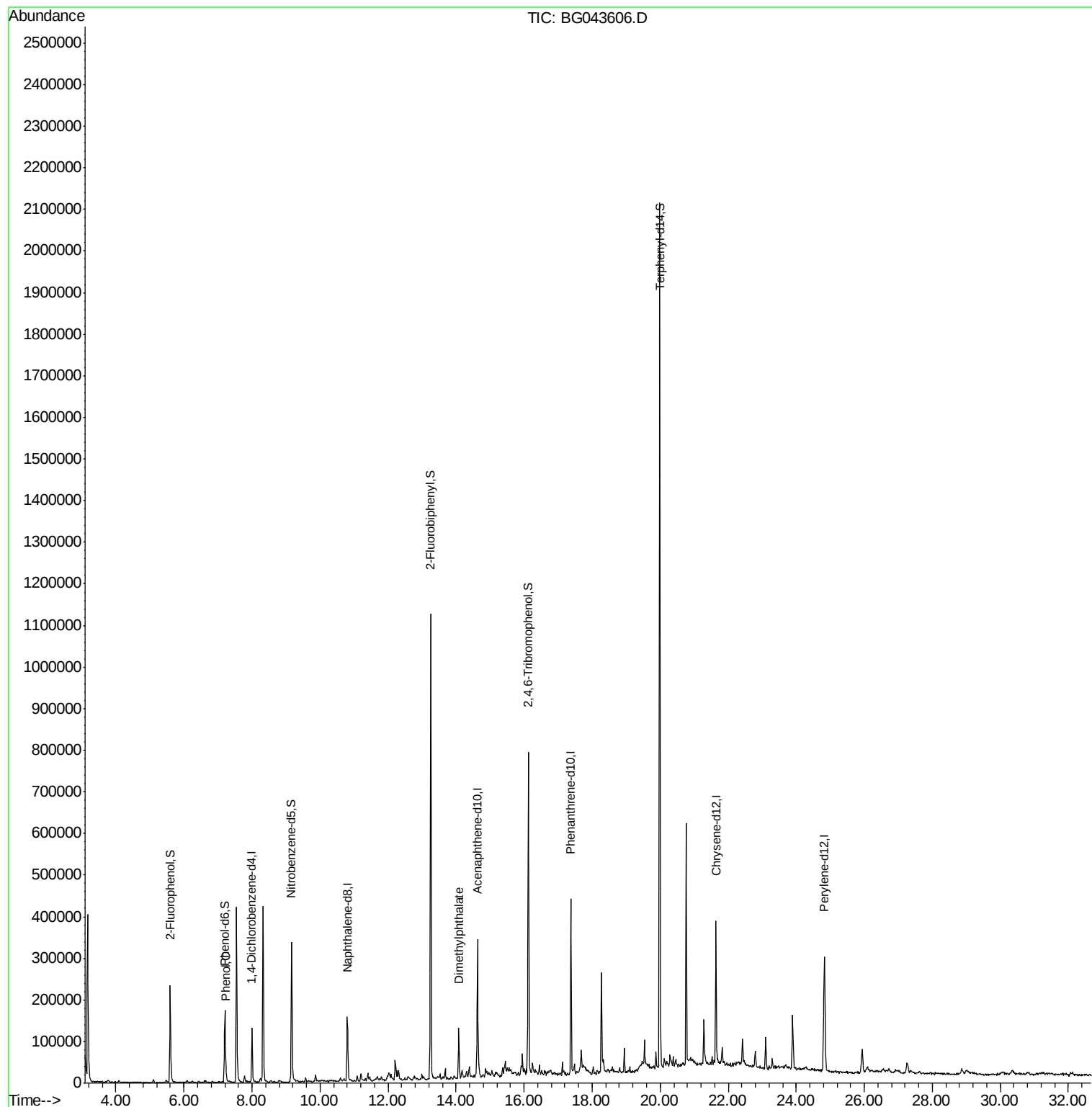
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36845	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	141972	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	111496	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	270709	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	212682	20.00	ng	-0.01
87) Perylene-d12	24.83	264	251462	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	118847	59.11	ng	0.00
7) Phenol-d6	7.20	99	110424	38.17	ng	0.00
23) Nitrobenzene-d5	9.16	82	221566	80.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	181298	85.45	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	620078	76.85	ng	-0.01
79) Terphenyl-d14	19.99	244	1105129	97.48	ng	0.00
Target Compounds						
10) Phenol	7.22	94	21525	8.143	ng	96
50) Dimethylphthalate	14.08	163	80579	9.330	ng	98

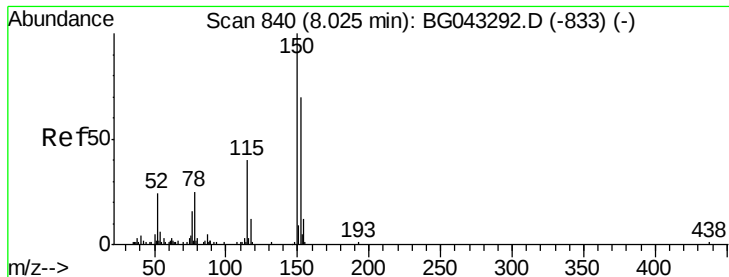
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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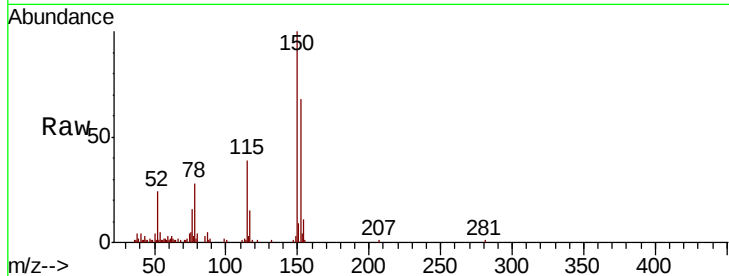


#1

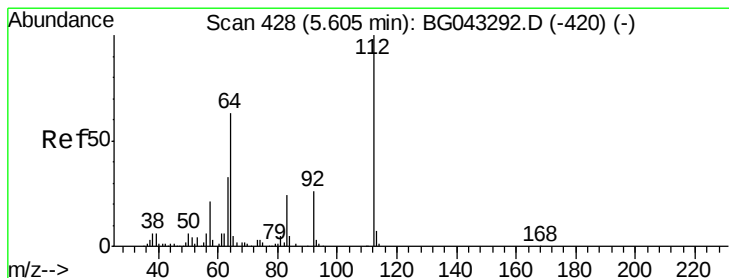
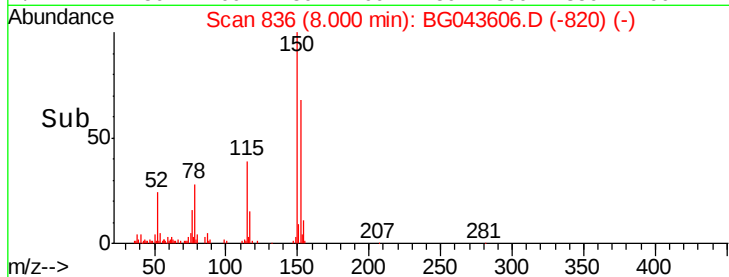
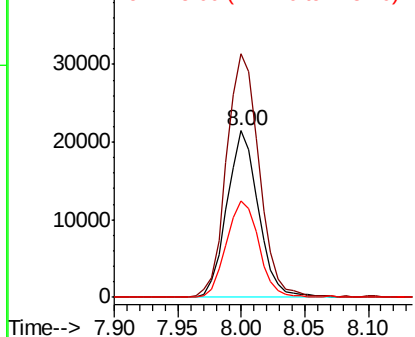
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043606.D
Acq: 12 Nov 2019 6:45

Instrument :
BNA_G
ClientSampleId :
HP-640

Tot Ion:152 Resp: 36845
Ion Ratio Lower Upper
152 100
150 146.1 129.4 194.0
115 57.5 48.8 73.2



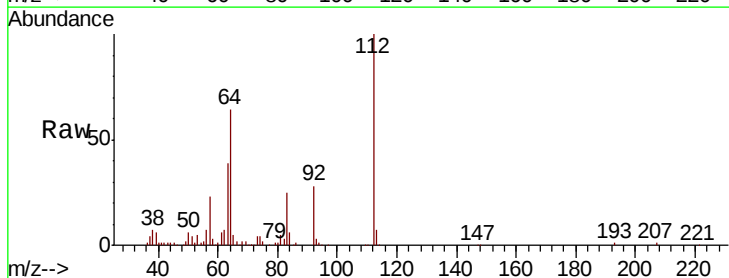
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



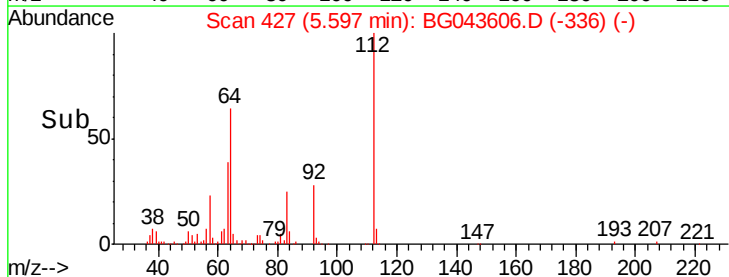
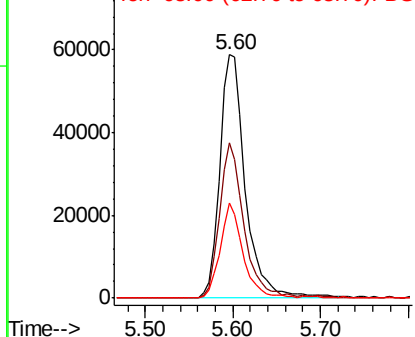
#5

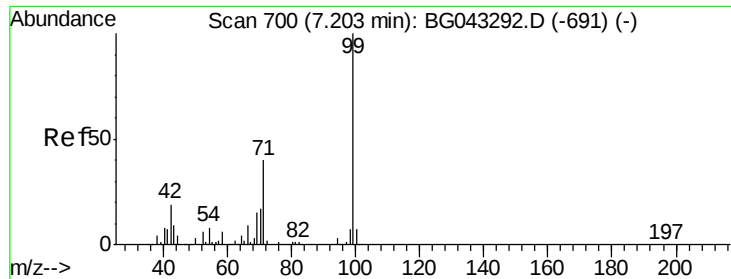
2-Fluorophenol
Concen: 59.107 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043606.D
Acq: 12 Nov 2019 6:45

Tgt Ion:112 Resp: 118847
Ion Ratio Lower Upper
112 100
64 63.7 50.0 75.0
63 38.9 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 38.170 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043606.D

Acq: 12 Nov 2019 6:45

Instrument :

BNA_G

ClientSampleId :

HP-640

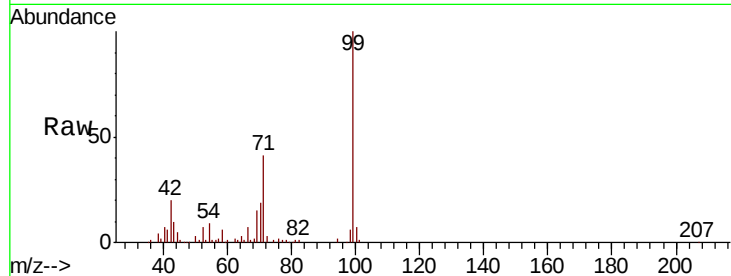
Tot Ion: 99 Resp: 110424

Ion Ratio Lower Upper

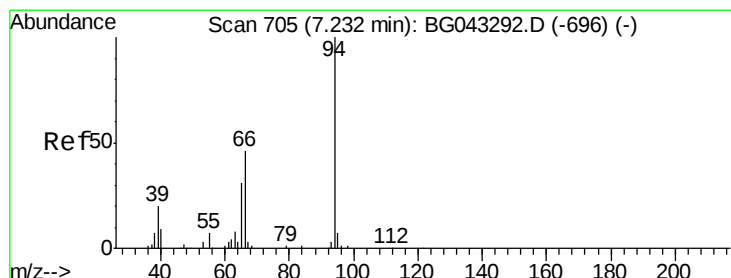
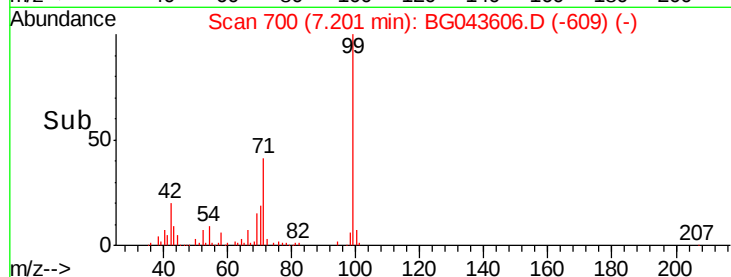
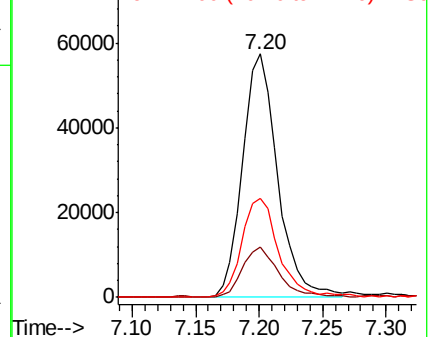
99 100

42 20.4 14.6 21.8

71 40.9 32.5 48.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 8.143 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043606.D

Acq: 12 Nov 2019 6:45

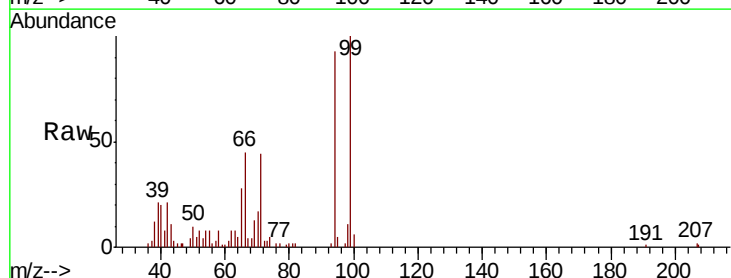
Tgt Ion: 94 Resp: 21525

Ion Ratio Lower Upper

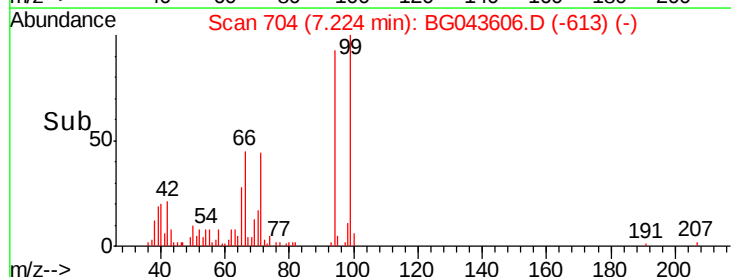
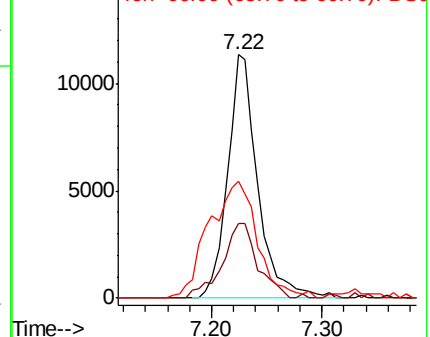
94 100

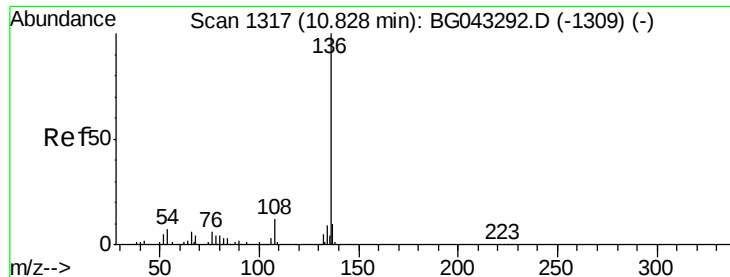
65 30.6 12.6 52.6

66 48.3 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043606.D

Acq: 12 Nov 2019 6:45

Instrument :

BNA_G

ClientSampled :

HP-640

Tot Ion:136 Resp: 141972

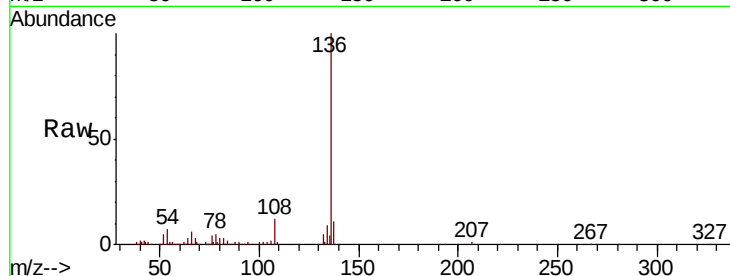
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.9 5.4 8.2

68 3.4 3.0 4.4

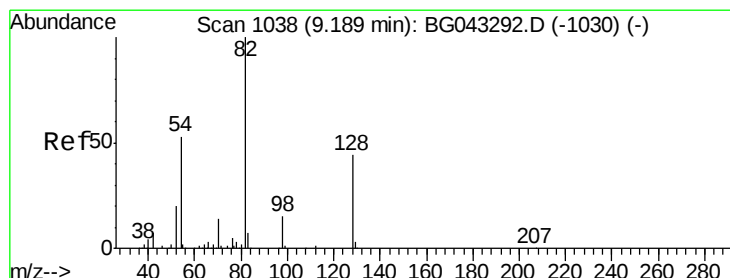
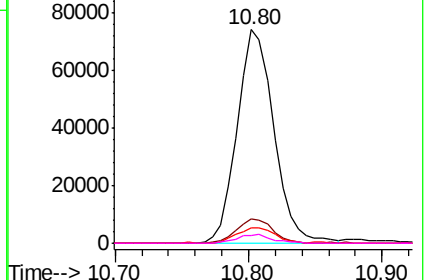
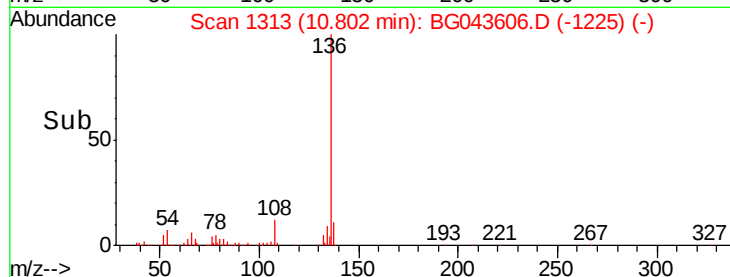


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 80.458 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG043606.D

Acq: 12 Nov 2019 6:45

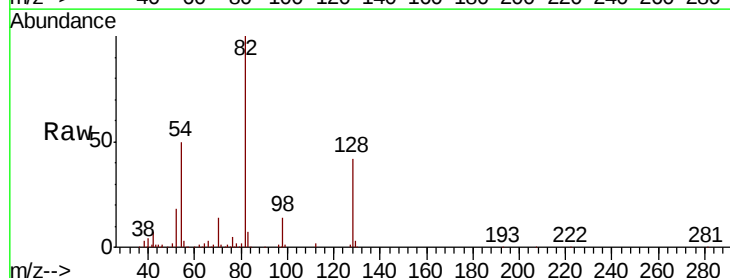
Tgt Ion: 82 Resp: 221566

Ion Ratio Lower Upper

82 100

128 42.3 35.0 52.6

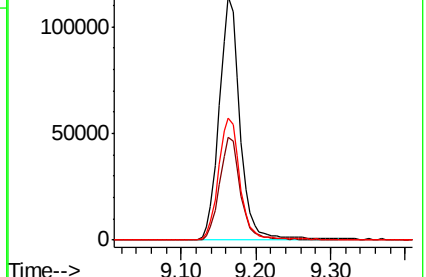
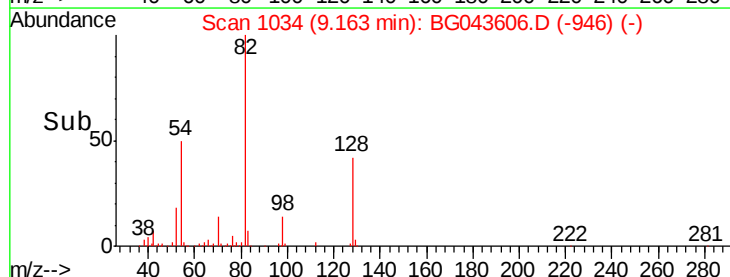
54 50.1 40.2 60.2

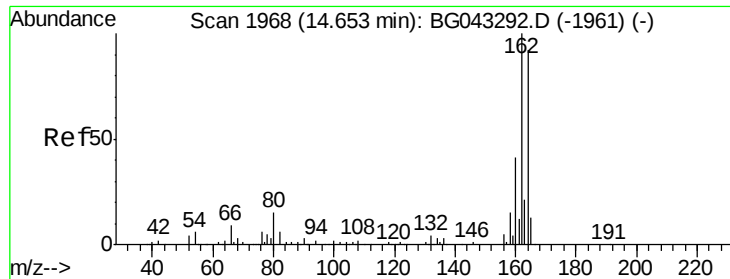


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

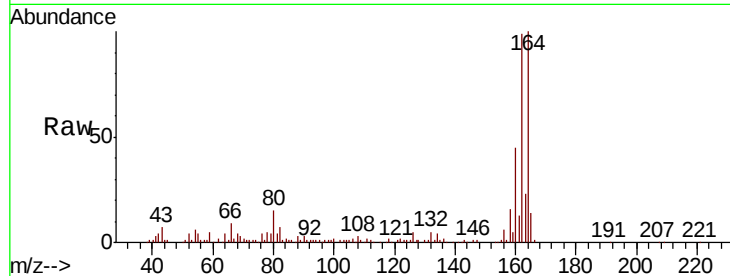




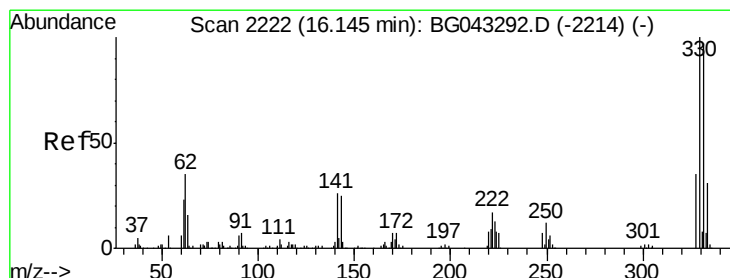
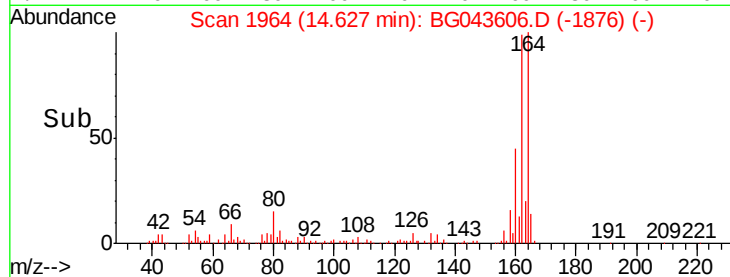
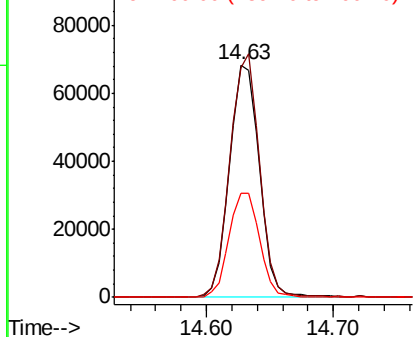
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043606.D
Acq: 12 Nov 2019 6:45

Instrument :
BNA_G
ClientSampleId :
HP-640

Tot Ion:164 Resp: 111496
Ion Ratio Lower Upper
164 100
162 98.9 83.5 125.3
160 44.9 36.5 54.7

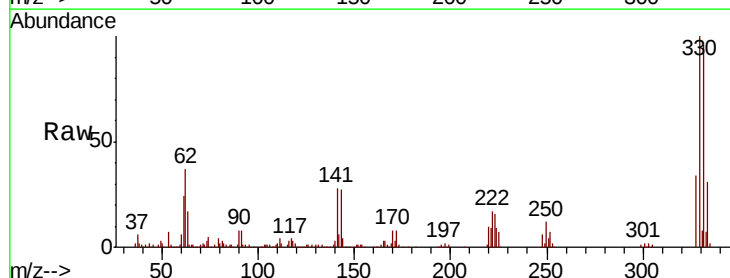


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

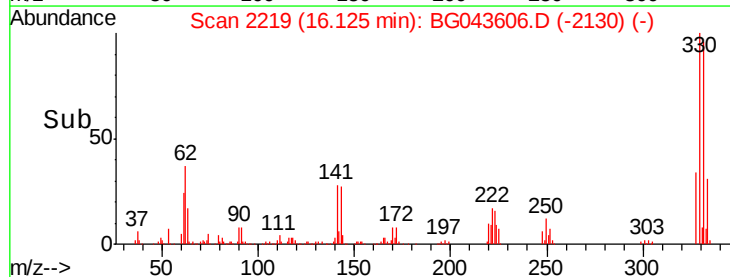
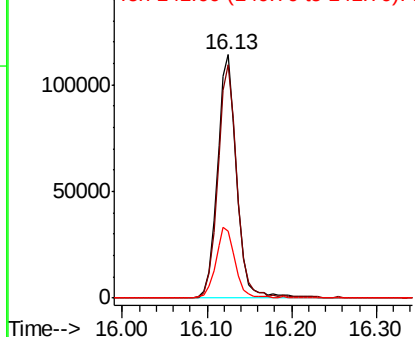


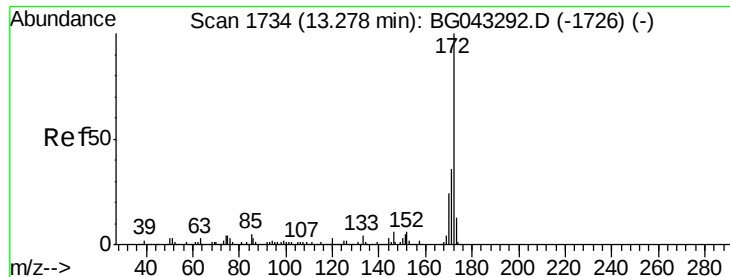
#42
2,4,6-Tribromophenol
Concen: 85.446 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG043606.D
Acq: 12 Nov 2019 6:45

Tgt Ion:330 Resp: 181298
Ion Ratio Lower Upper
330 100
332 95.1 77.4 116.0
141 29.3 22.8 34.2



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

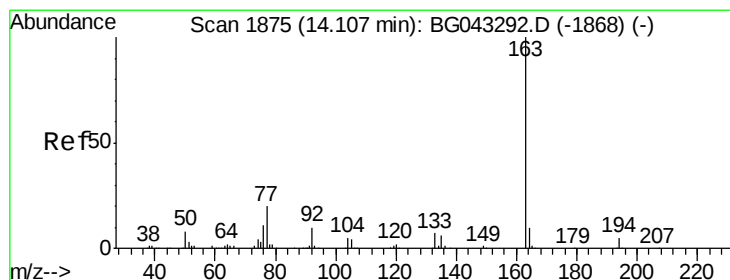
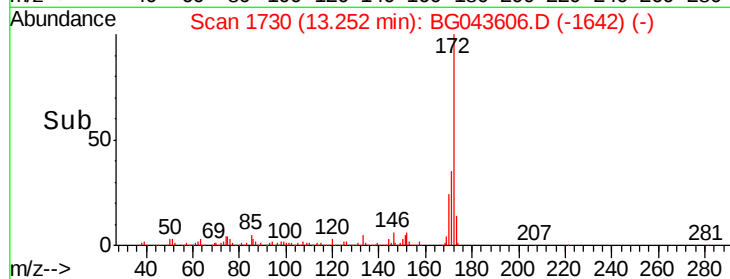
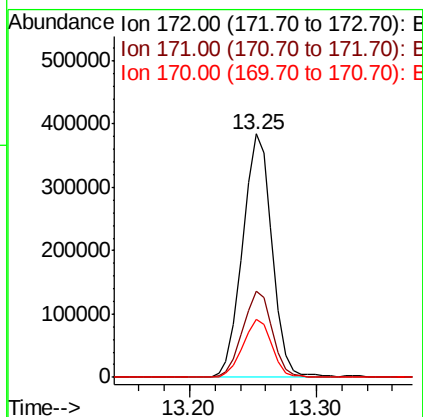
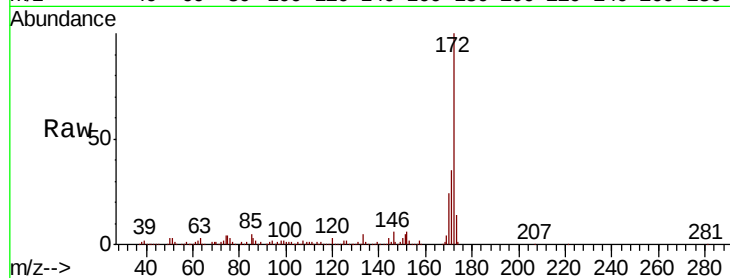




#45
2-Fluorobiphenyl
Concen: 76.848 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043606.D
Acq: 12 Nov 2019 6:45

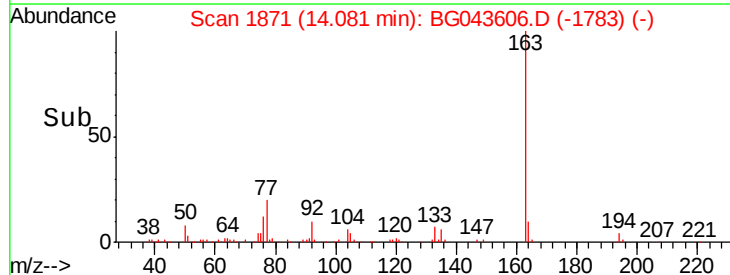
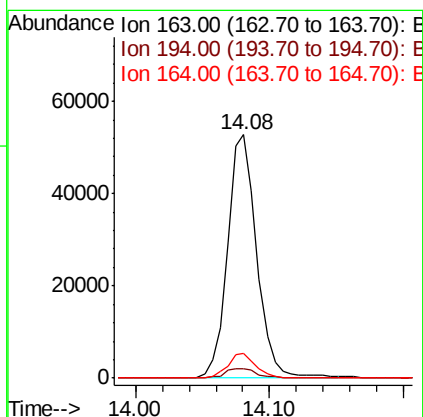
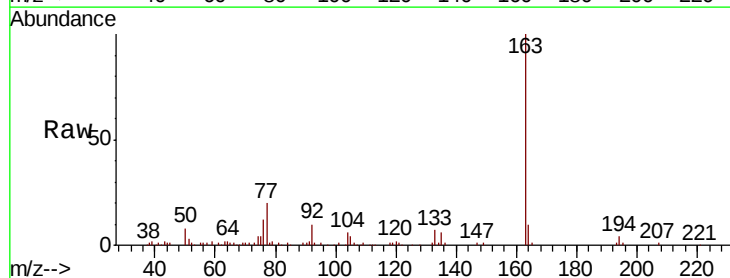
Instrument :
BNA_G
ClientSampleId :
HP-640

Tot Ion:172 Resp: 620078
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 23.6 18.5 27.7



#50
Dimethylphthalate
Concen: 9.330 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG043606.D
Acq: 12 Nov 2019 6:45

Tgt Ion:163 Resp: 80579
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.6
164 10.1 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043606.D

Acq: 12 Nov 2019 6:45

Instrument :

BNA_G

ClientSampleId :

HP-640

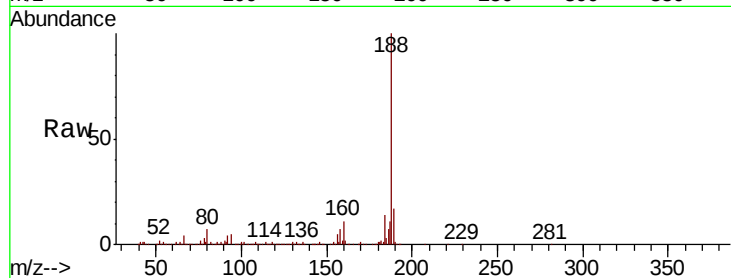
Tot Ion:188 Resp: 270709

Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.4

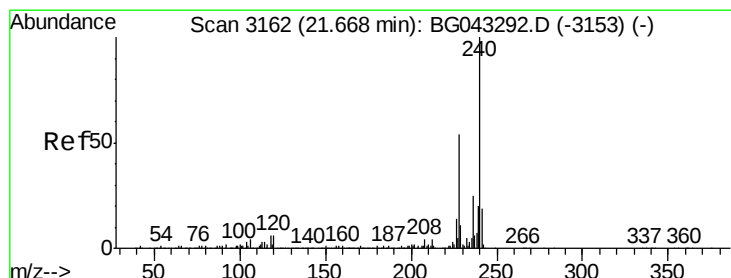
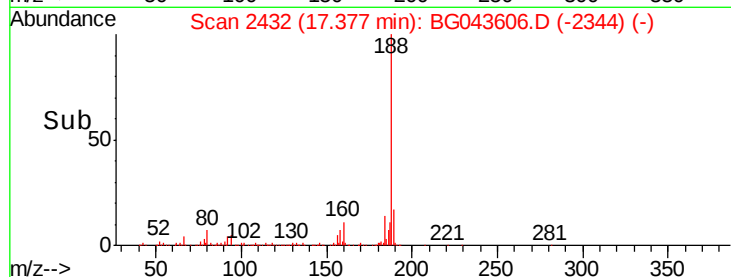
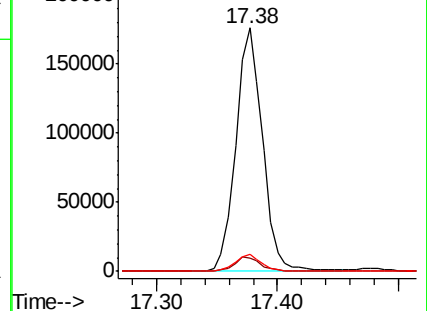
80 7.0 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043606.D

Acq: 12 Nov 2019 6:45

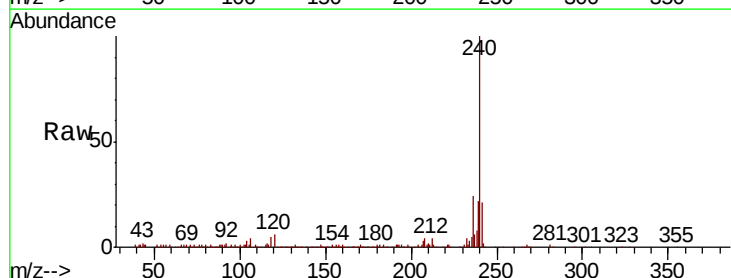
Tgt Ion:240 Resp: 212682

Ion Ratio Lower Upper

240 100

120 6.3 4.6 6.8

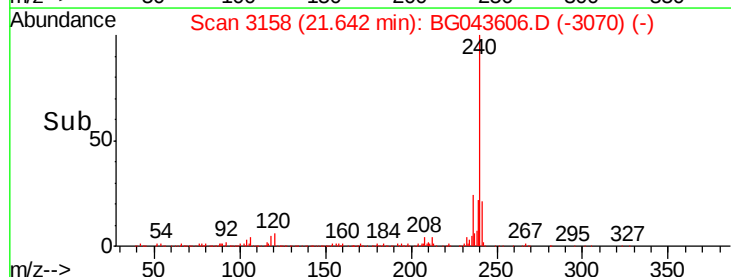
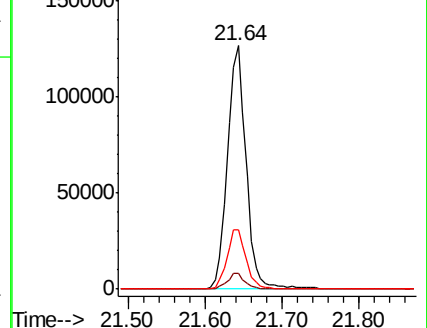
236 24.3 19.8 29.8

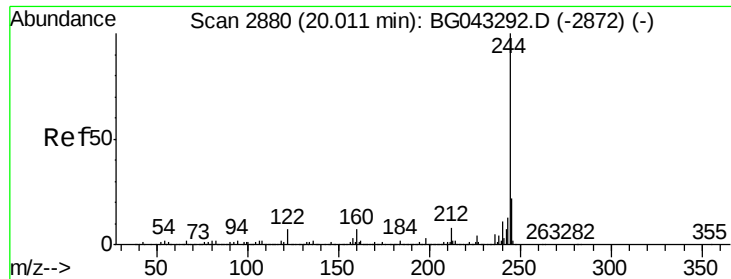


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.483 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043606.D

Acq: 12 Nov 2019 6:45

Instrument :

BNA_G

ClientSampled :

HP-640

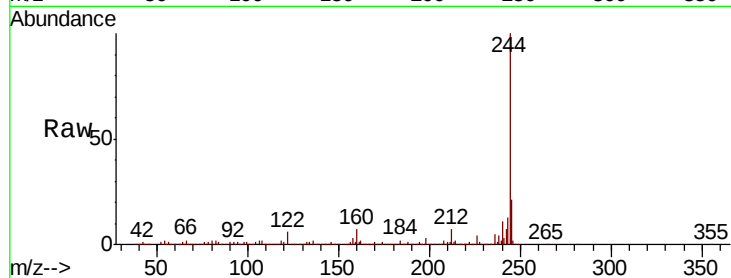
Tot Ion:244 Resp: 1105129

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

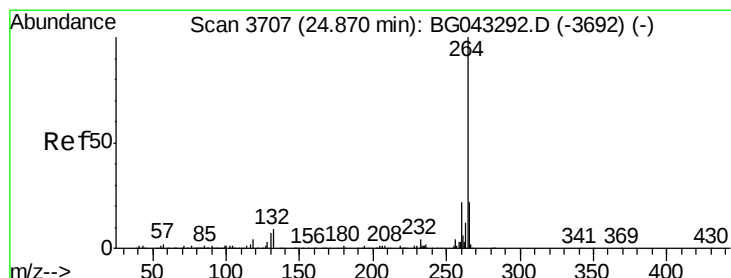
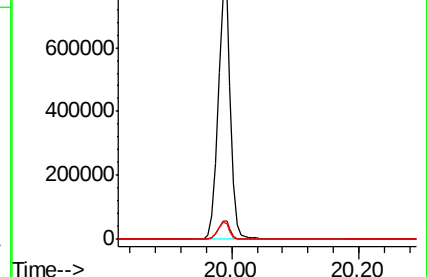
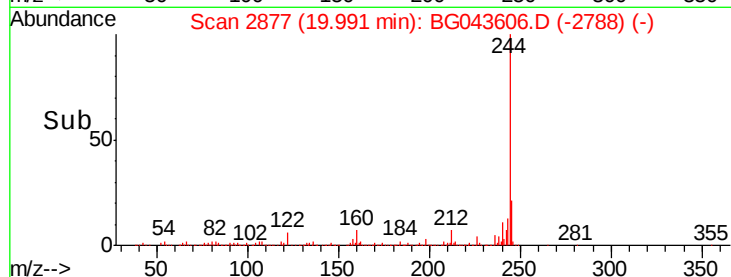
122 6.4 5.4 8.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043606.D

Acq: 12 Nov 2019 6:45

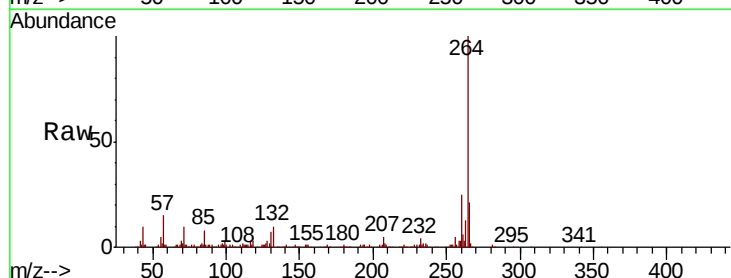
Tgt Ion:264 Resp: 251462

Ion Ratio Lower Upper

264 100

260 24.5 17.5 26.3

265 21.1 17.4 26.0



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

