

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041587.D
 Acq On : 3 Jul 2019 12:39
 Operator : HP/JU
 Sample : K3646-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-011

Quant Time: Jul 04 00:07:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

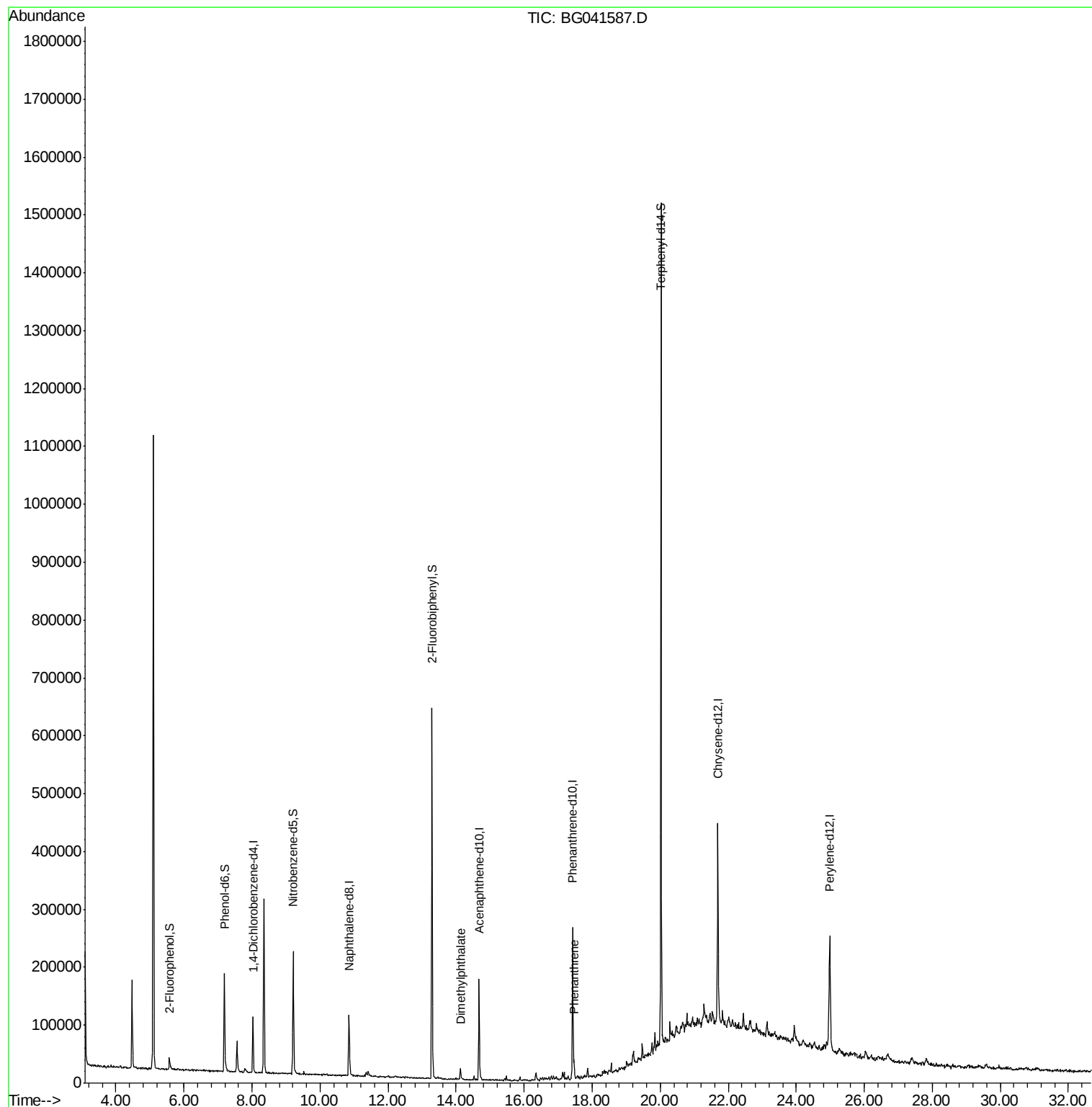
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	27905	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	92335	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	62655	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	168343	20.00	ng	0.00
76) Chrysene-d12	21.70	240	215529	20.00	ng	0.00
87) Perylene-d12	24.99	264	235801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	10635	6.79	ng	0.02
7) Phenol-d6	7.18	99	97440	44.22	ng	0.00
23) Nitrobenzene-d5	9.21	82	140545	63.48	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.29	172	334868	68.59	ng	0.00
79) Terphenyl-d14	20.03	244	721619	71.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	17438	3.058	ng	97
71) Phenanthrene	17.47	178	19005	2.049	ng	# 92

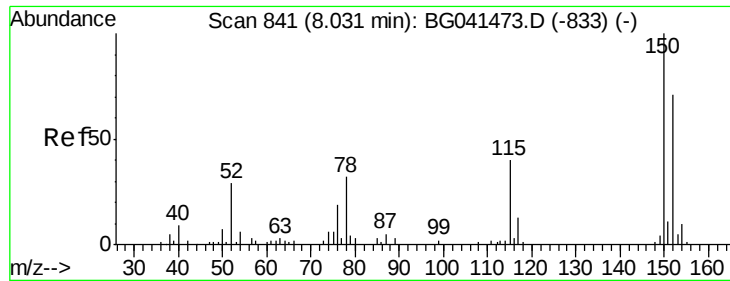
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG041587.D

Acq: 3 Jul 2019 12:39

Instrument :

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FK-0D015-03-011

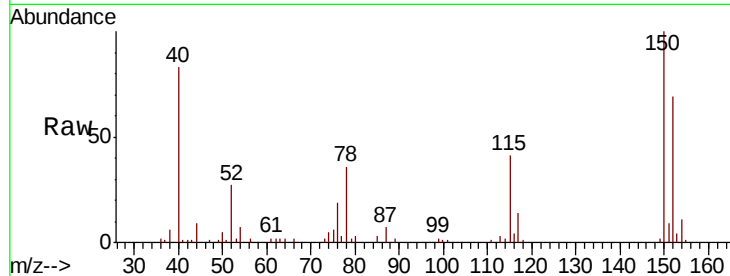
Tot Ion:152 Resp: 27905

Ion Ratio Lower Upper

152 100

150 144.2 112.4 168.6

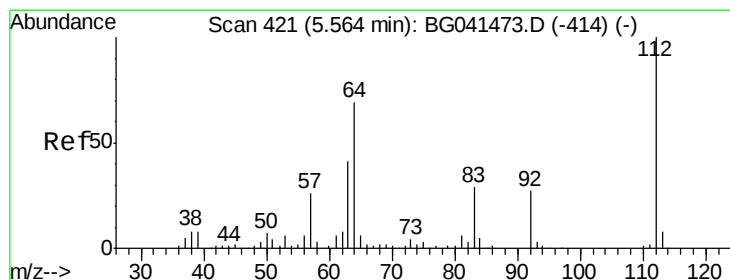
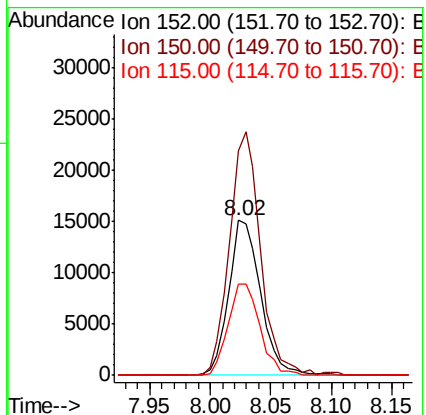
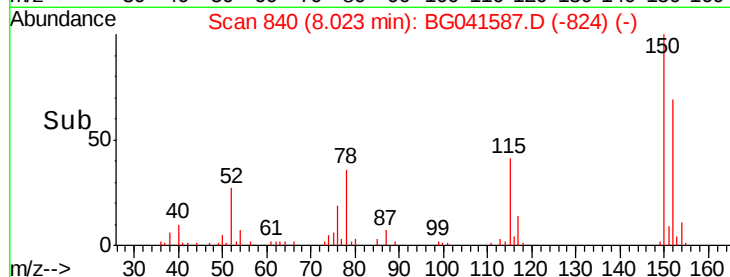
115 58.7 44.6 66.8



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: 6.795 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.02 min

Lab File: BG041587.D

Acq: 3 Jul 2019 12:39

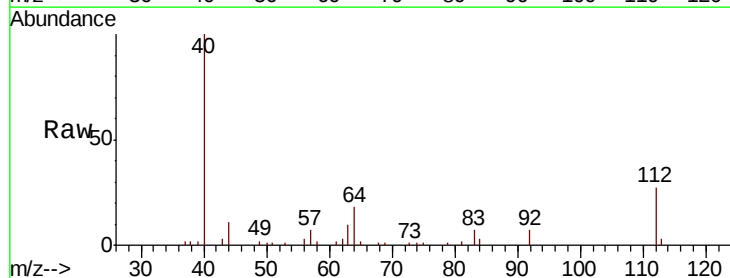
Tgt Ion:112 Resp: 10635

Ion Ratio Lower Upper

112 100

64 66.0 55.1 82.7

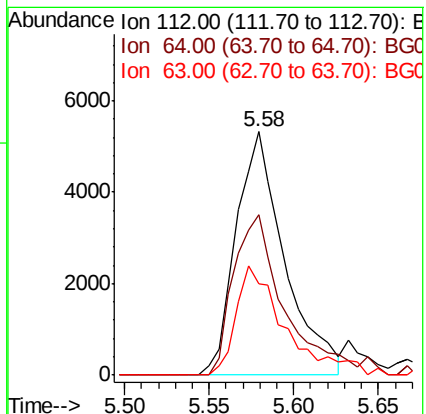
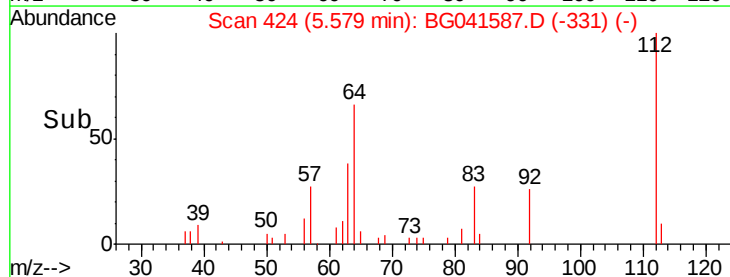
63 37.6 32.4 48.6



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: 44.223 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041587.D

Acq: 3 Jul 2019 12:39

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-011

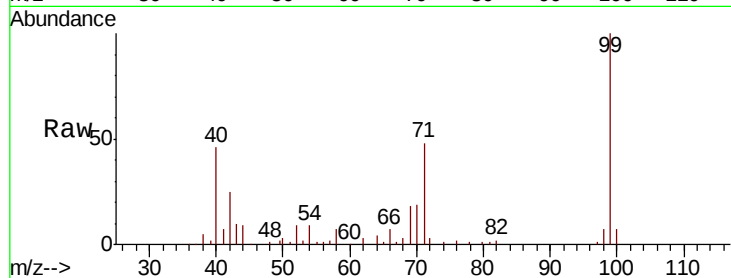
Tot Ion: 99 Resp: 97440

Ion Ratio Lower Upper

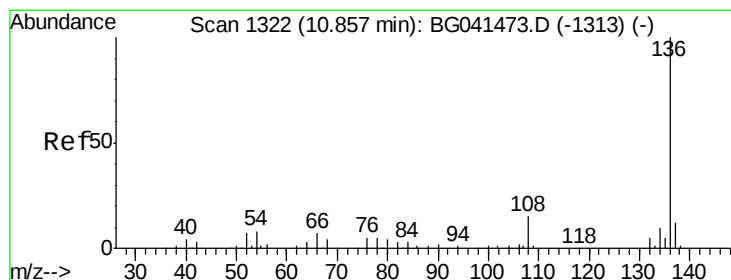
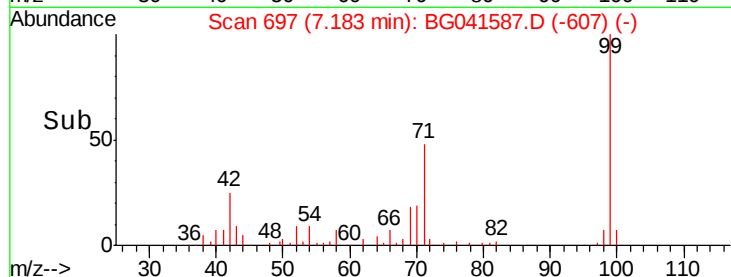
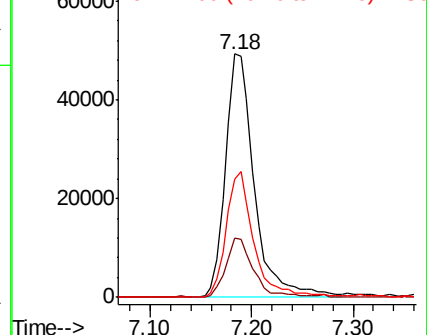
99 100

42 24.5 19.0 28.6

71 48.4 37.4 56.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041587.D

Acq: 3 Jul 2019 12:39

Tgt Ion: 136 Resp: 92335

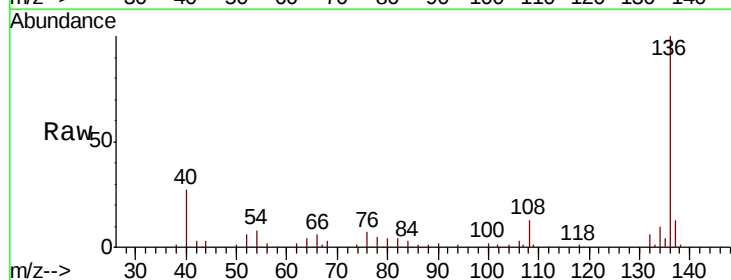
Ion Ratio Lower Upper

136 100

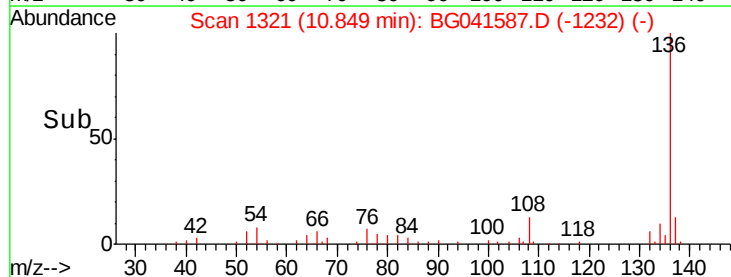
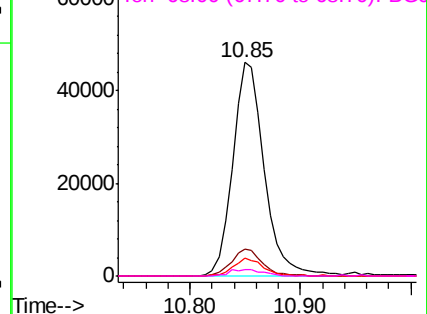
137 12.8 9.3 13.9

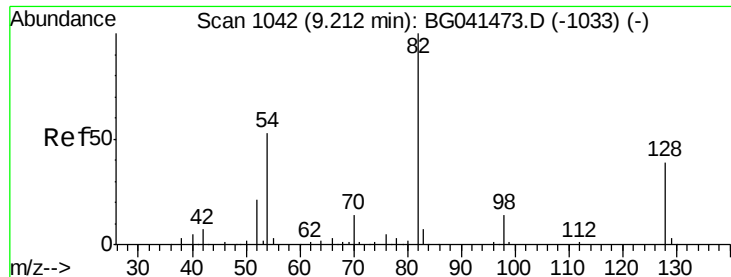
54 8.2 7.1 10.7

68 3.0 3.3 4.9#



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

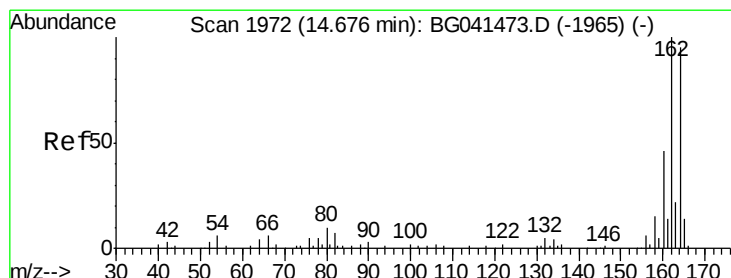
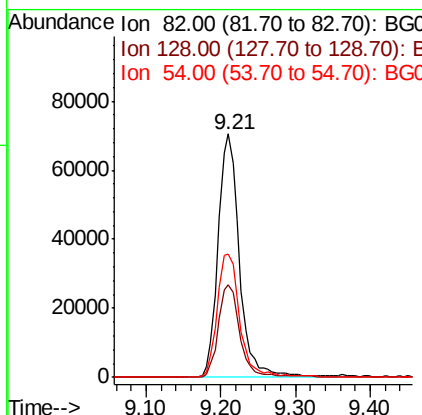
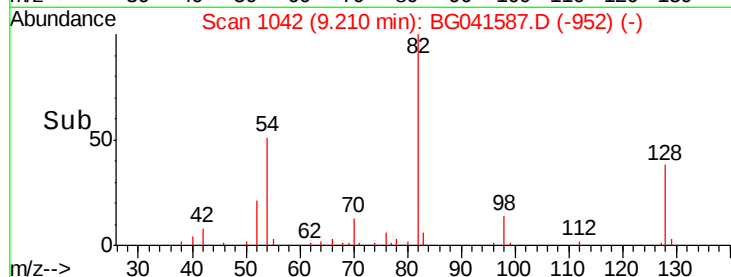
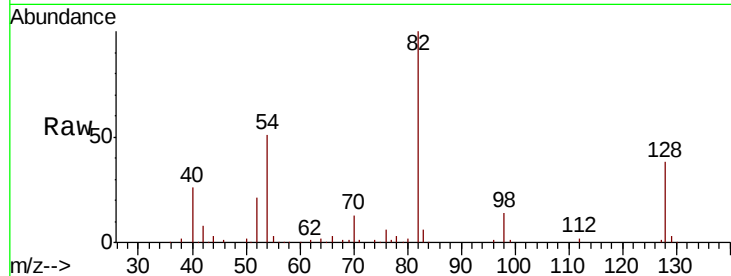




#23
 Nitrobenzene-d5
 Concen: 63.483 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041587.D
 Acq: 3 Jul 2019 12:39

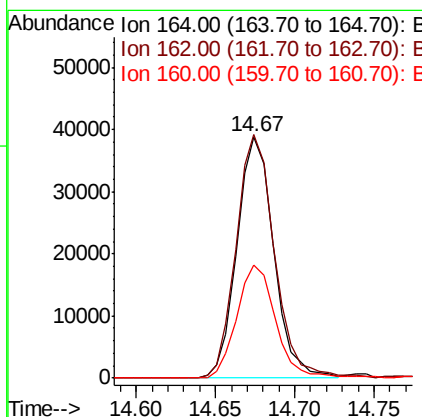
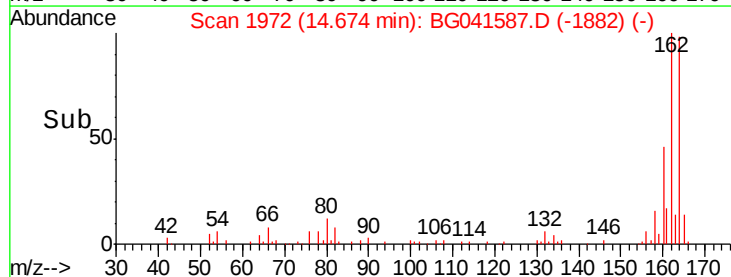
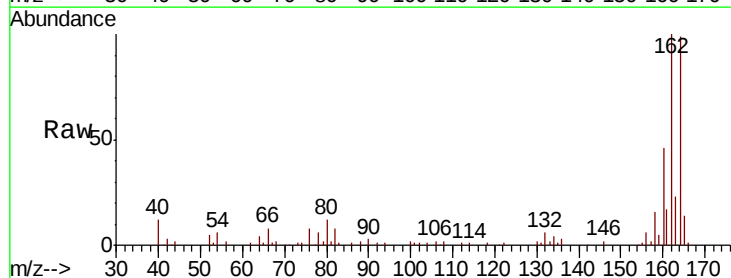
Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-011

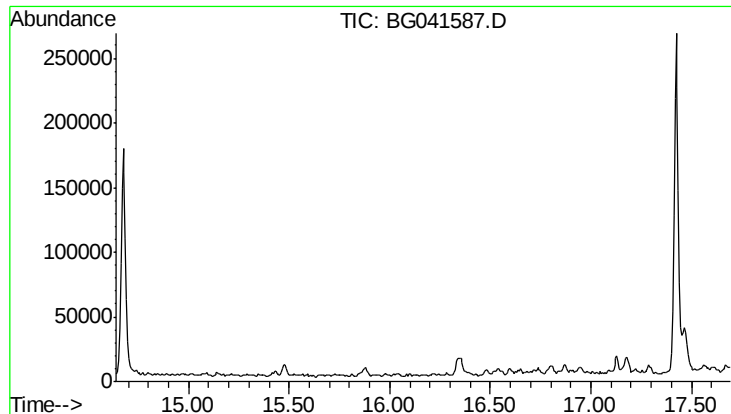
Tot Ion	82	Resp	140545
Ion Ratio	100	Lower	Upper
128	38.1	30.9	46.3
54	50.7	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041587.D
 Acq: 3 Jul 2019 12:39

Tgt Ion	164	Resp	62655
Ion Ratio	100	Lower	Upper
162	100.9	84.4	126.6
160	46.8	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.17 min

Lab File: BG041587.D

Acq: 3 Jul 2019 12:39

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-011

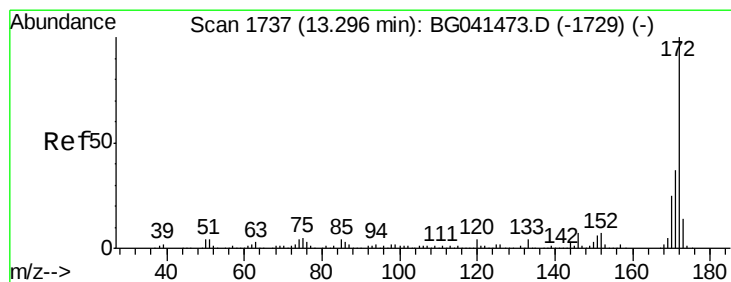
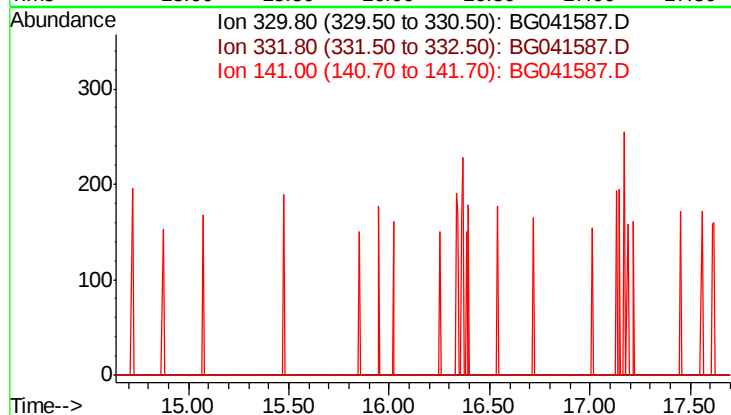
Tot Ion: 330

Sig Exp Ratio

330 100

332 94.4

141 34.7



#45

2-Fluorobiphenyl

Concen: 68.585 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG041587.D

Acq: 3 Jul 2019 12:39

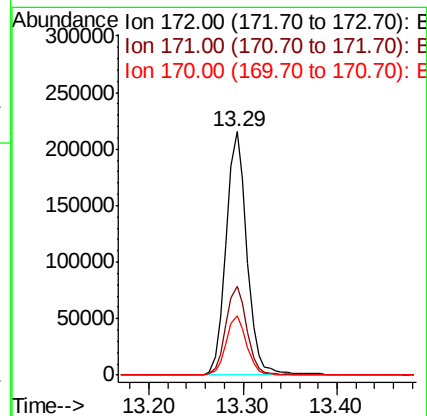
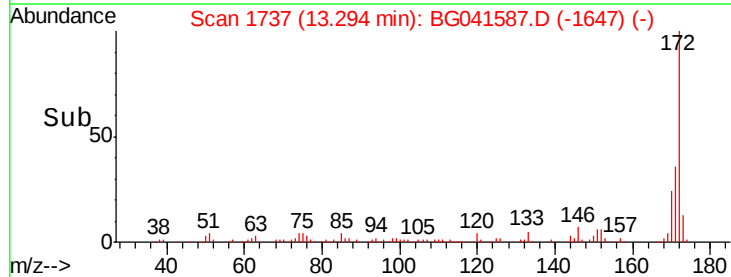
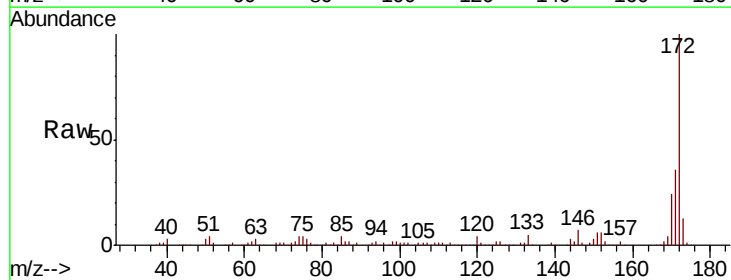
Tgt Ion:172 Resp: 334868

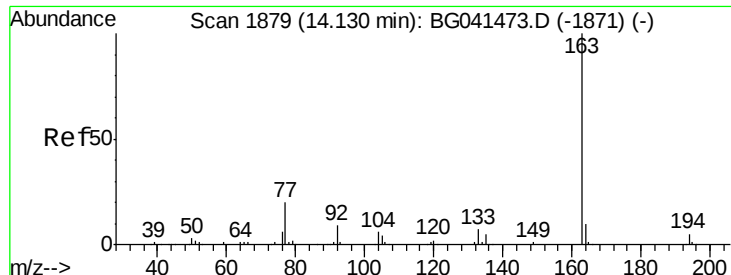
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 24.3 20.0 30.0





#50

Dimethylphthalate

Concen: 3.058 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG041587.D

Acq: 3 Jul 2019 12:39

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-011

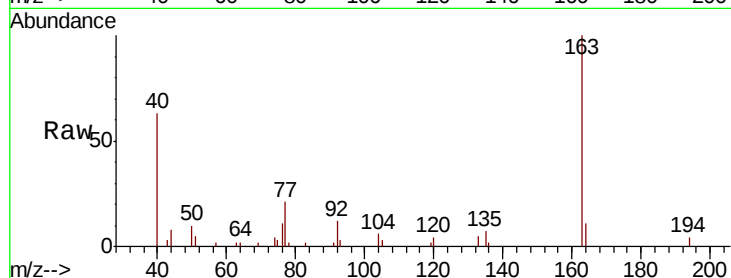
Tot Ion:163 Resp: 17438

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

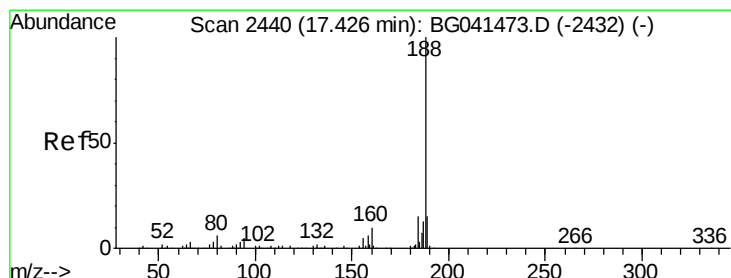
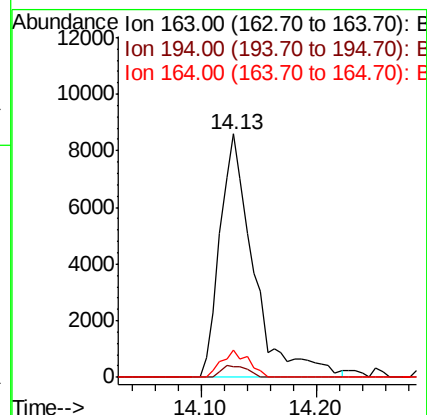
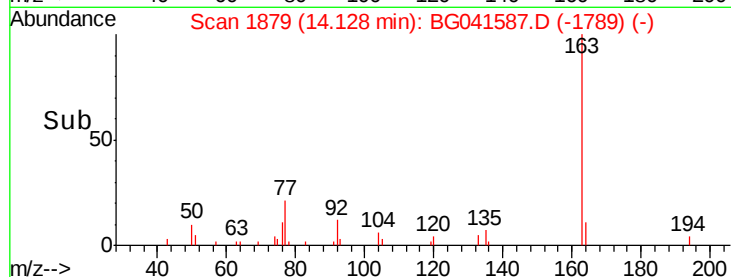
164 11.3 7.8 11.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041587.D

Acq: 3 Jul 2019 12:39

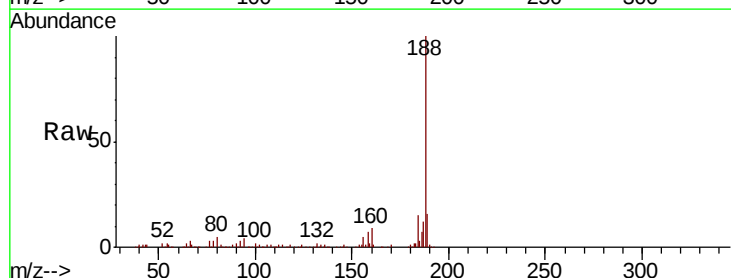
Tgt Ion:188 Resp: 168343

Ion Ratio Lower Upper

188 100

94 4.4 3.8 5.8

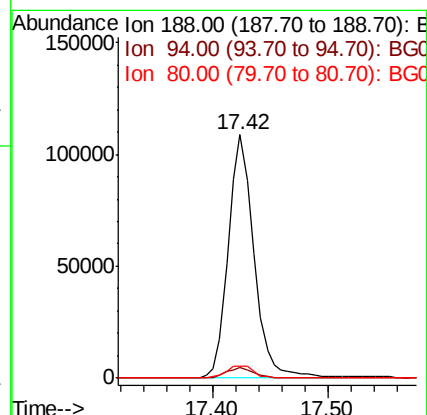
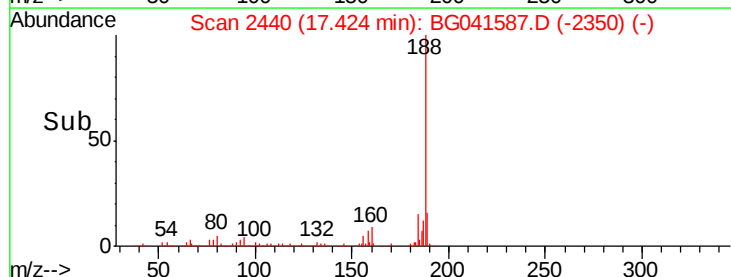
80 5.1 4.8 7.2

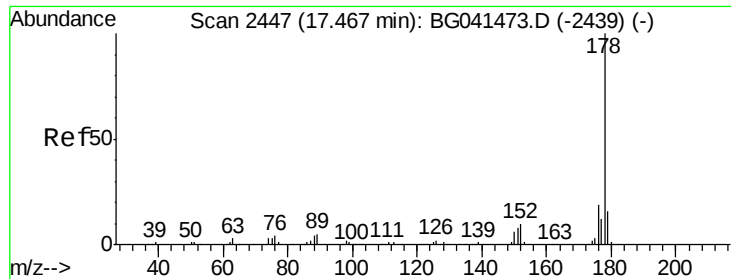


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#71

Phenanthrene

Concen: 2.049 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG041587.D

Acq: 3 Jul 2019 12:39

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-011

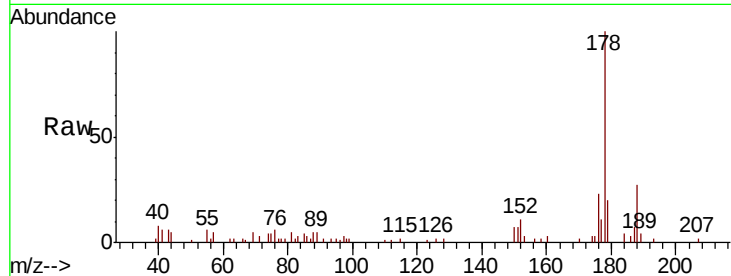
Tot Ion:178 Resp: 19005

Ion Ratio Lower Upper

178 100

176 22.6 15.4 23.0

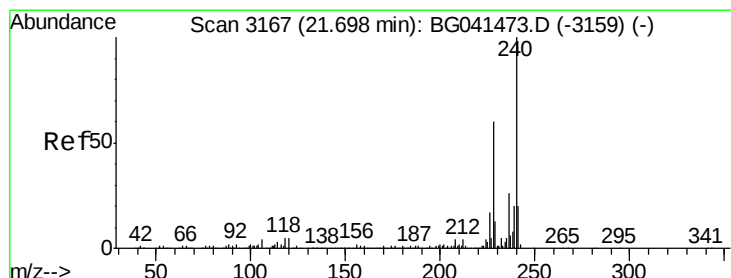
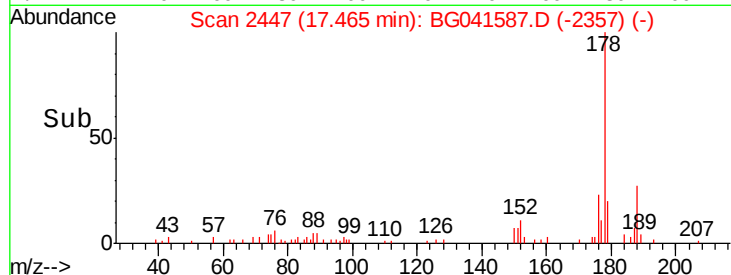
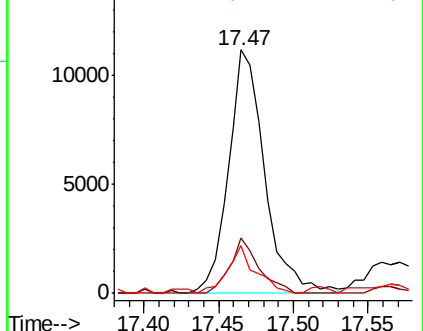
179 19.9 13.0 19.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041587.D

Acq: 3 Jul 2019 12:39

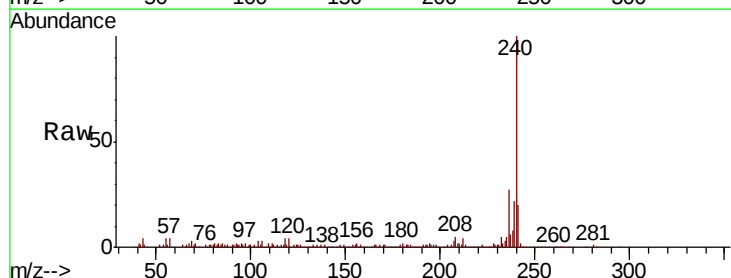
Tgt Ion:240 Resp: 215529

Ion Ratio Lower Upper

240 100

120 4.2 3.7 5.5

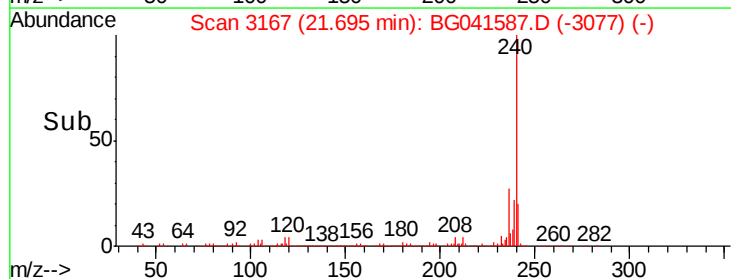
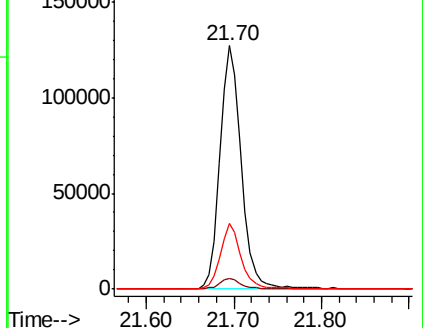
236 27.2 20.8 31.2

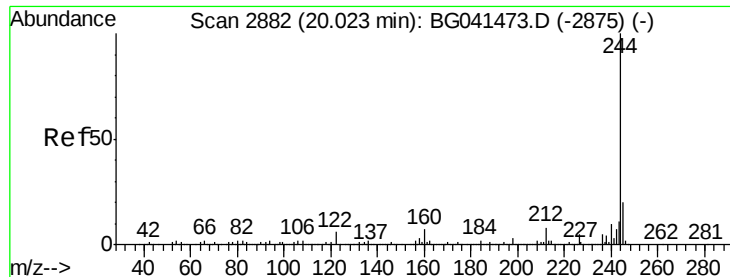


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.151 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041587.D

Acq: 3 Jul 2019 12:39

Instrument :

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FK-0D015-03-011

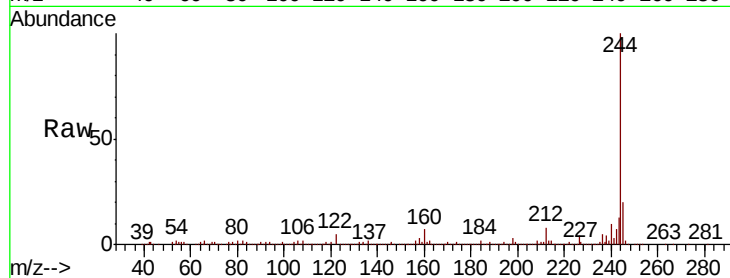
Tot Ion:244 Resp: 721619

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

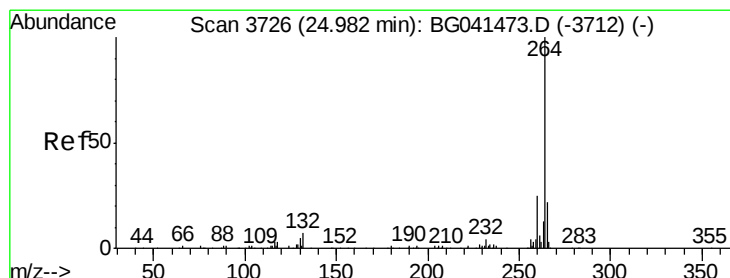
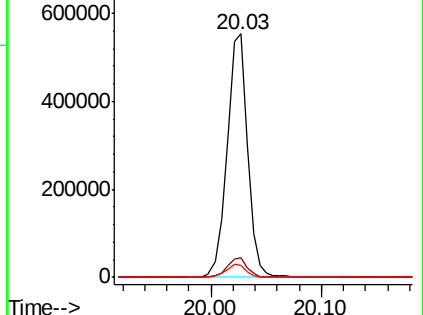
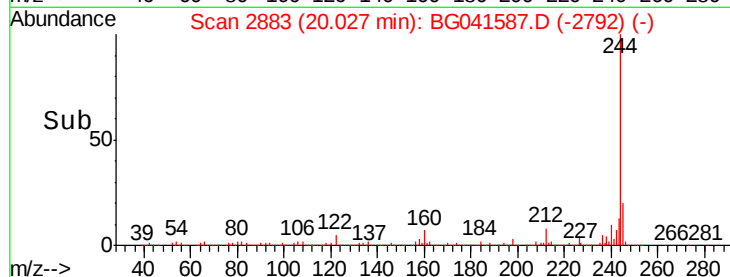
122 5.1 4.8 7.2



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: 24.99 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BG041587.D

Acq: 3 Jul 2019 12:39

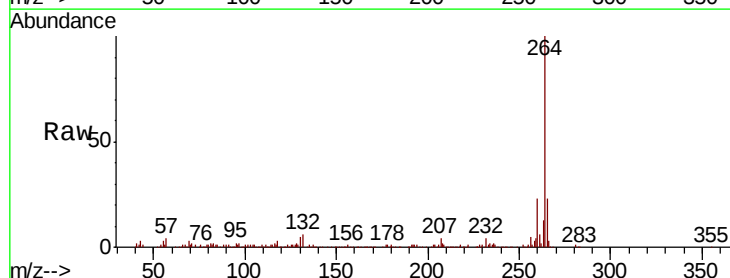
Tgt Ion:264 Resp: 235801

Ion Ratio Lower Upper

264 100

260 22.9 19.7 29.5

265 23.0 17.4 26.2



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

