

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041481.D
 Acq On : 27 Jun 2019 8:41
 Operator : HP/JU
 Sample : K3511-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N43502

Quant Time: Jun 27 11:34:57 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 06:49:14 2019
 Response via : Initial Calibration

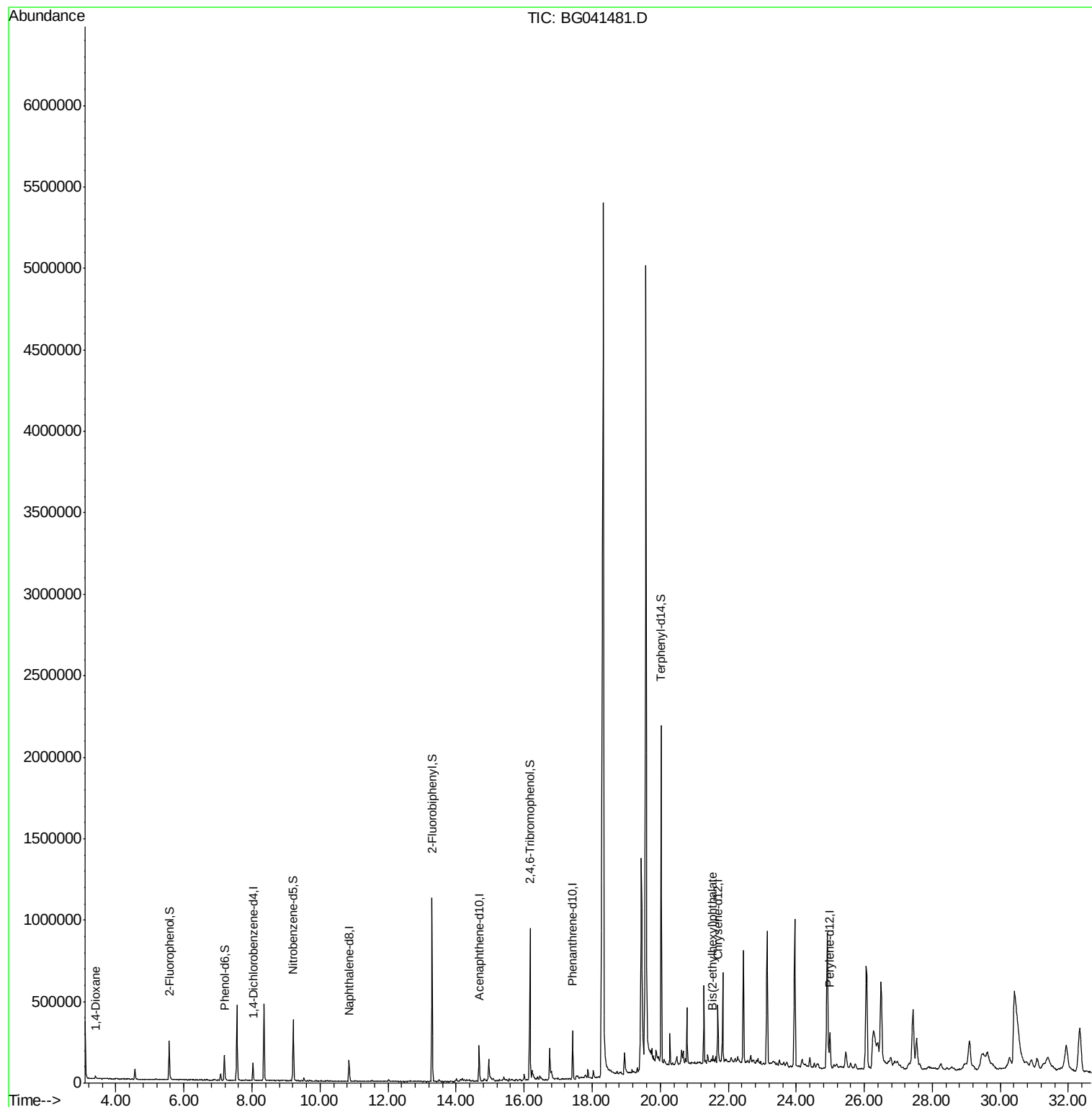
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29339	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	104781	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	72208	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	190170	20.00	ng	0.00
76) Chrysene-d12	21.70	240	207257	20.00	ng	0.00
87) Perylene-d12	24.99	264	222368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	97230	59.08	ng	0.00
7) Phenol-d6	7.19	99	85780	37.03	ng	0.00
23) Nitrobenzene-d5	9.21	82	225646	89.82	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	180570	146.46	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	548075	97.40	ng	0.00
79) Terphenyl-d14	20.03	244	980338	100.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.41	88	11398	15.301	ng	Qvalue # 79
84) Bis(2-ethylhexyl)phthalate	21.54	149	16706	2.230	ng	# 97

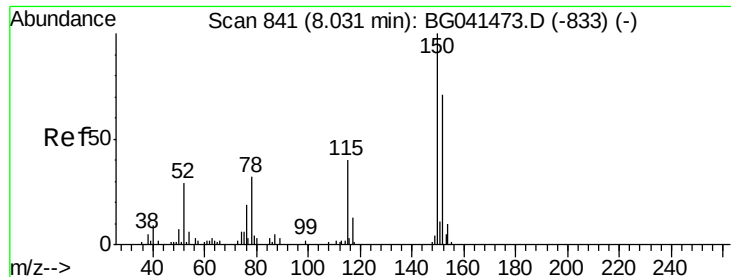
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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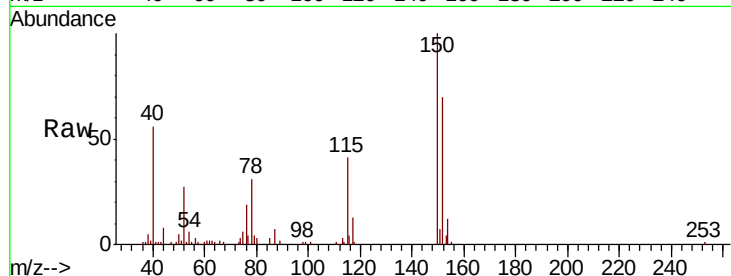


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041481.D
Acq: 27 Jun 2019 8:41

Instrument :
BNA_G
ClientSampleId :
N43502

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.3	112.4	168.6
115	58.3	44.6	66.8

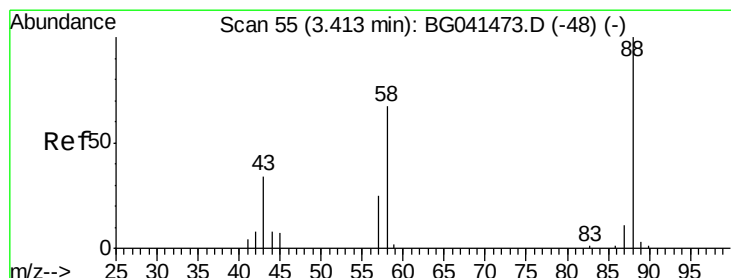
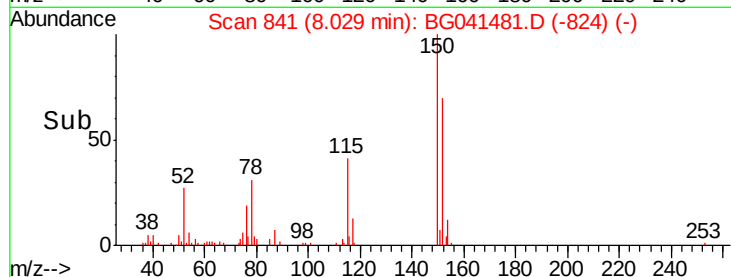
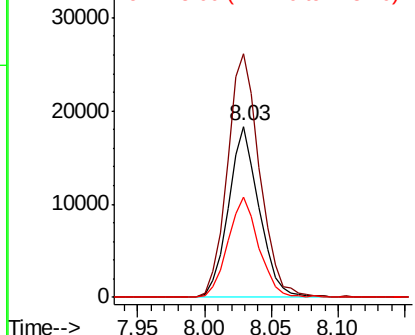


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

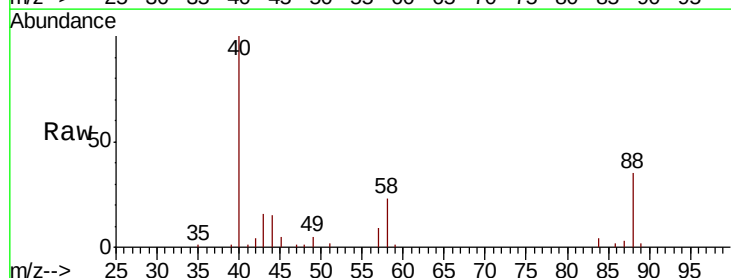
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 15.301 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG041481.D
Acq: 27 Jun 2019 8:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.3	55.8	83.8#
43	45.7	27.8	41.8#

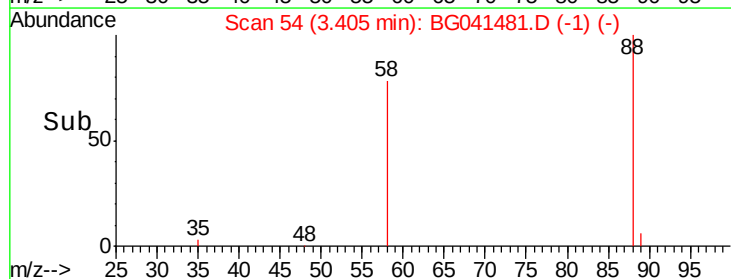
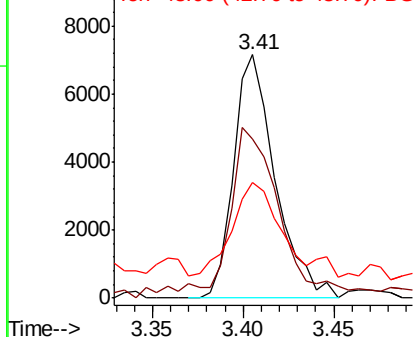


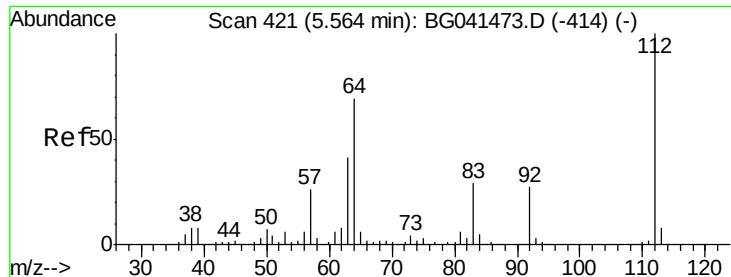
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 59.084 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

Instrument :

BNA_G

ClientSampled :

N43502

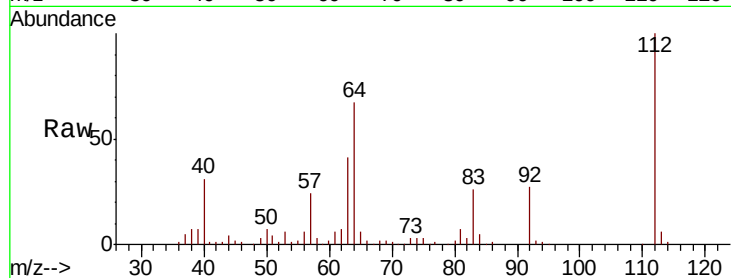
Tot Ion:112 Resp: 97230

Ion Ratio Lower Upper

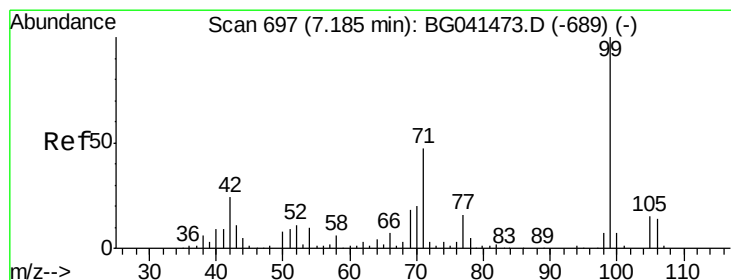
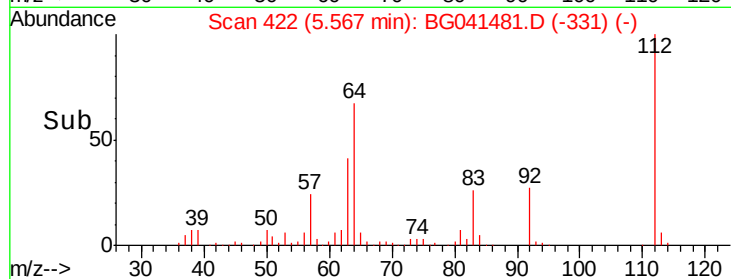
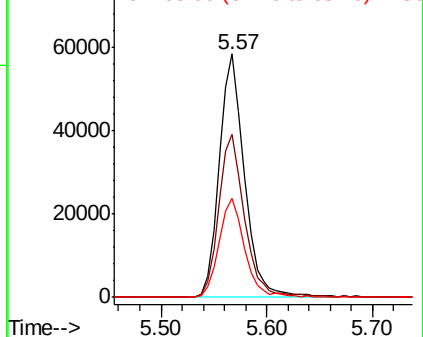
112 100

64 66.9 55.1 82.7

63 40.7 32.4 48.6



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



#7

Phenol-d6

Concen: 37.028 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

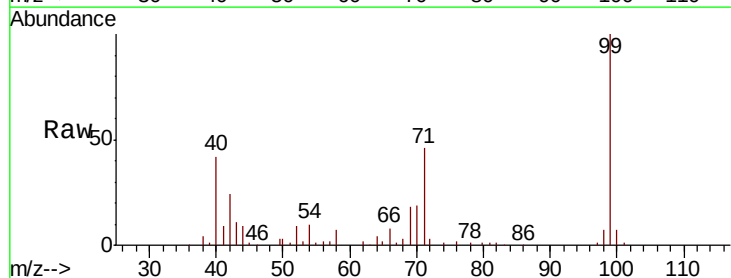
Tgt Ion: 99 Resp: 85780

Ion Ratio Lower Upper

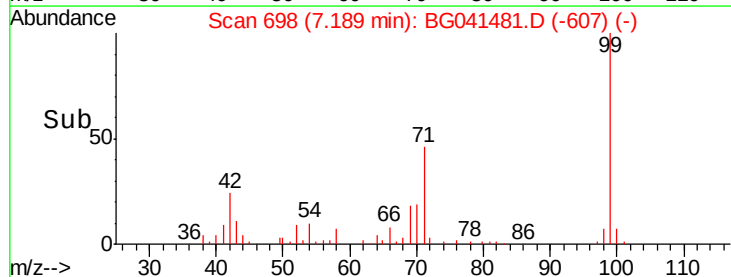
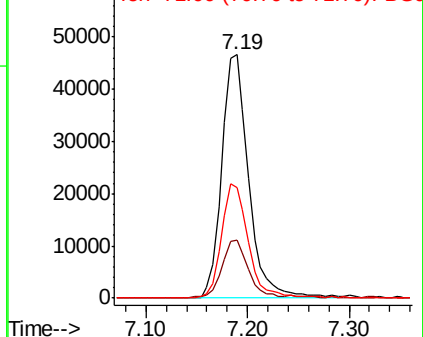
99 100

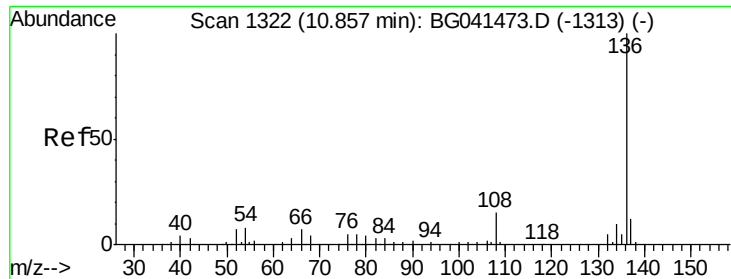
42 23.7 19.0 28.6

71 45.6 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

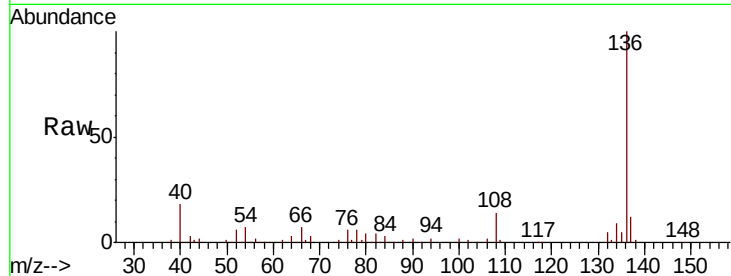




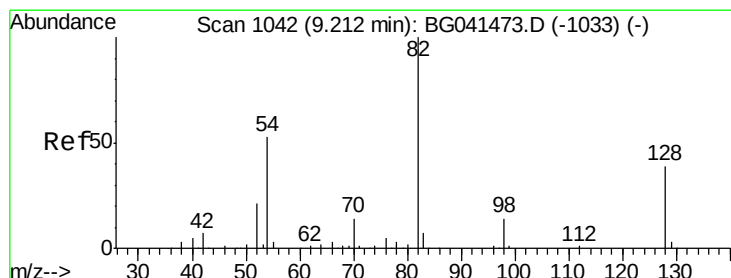
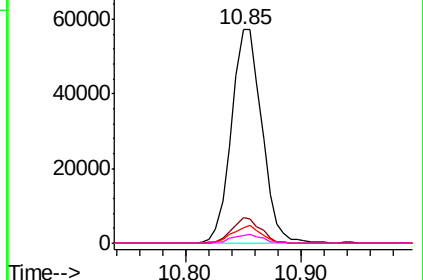
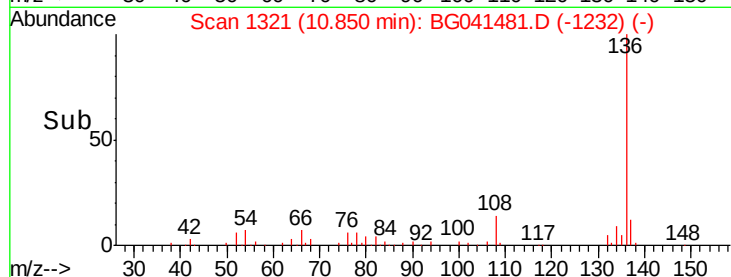
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041481.D
Acq: 27 Jun 2019 8:41

Instrument :
BNA_G
ClientSampleId :
N43502

Tot Ion:136	Resp:	104781
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.3 13.9
54	7.2	7.1 10.7
68	3.5	3.3 4.9

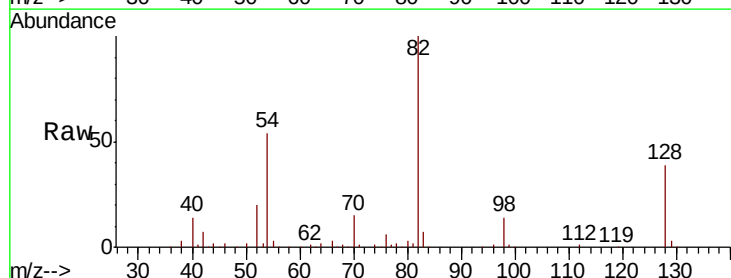


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

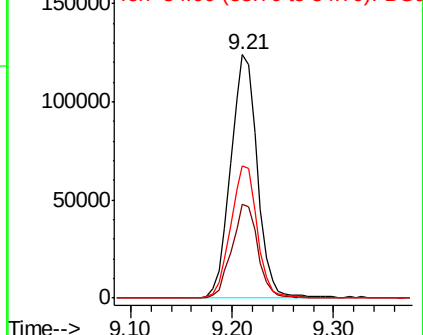
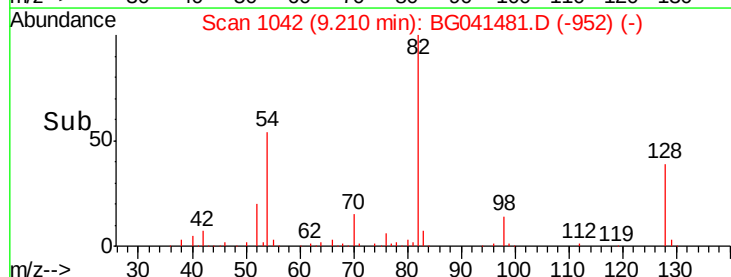


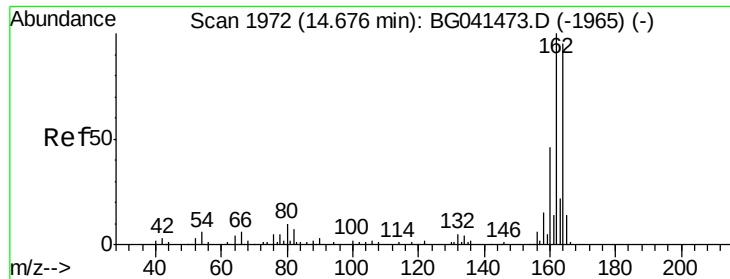
#23
Nitrobenzene-d5
Concen: 89.816 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041481.D
Acq: 27 Jun 2019 8:41

Tgt Ion: 82	Resp:	225646
Ion Ratio	Lower	Upper
82	100	
128	38.7	30.9 46.3
54	54.3	42.2 63.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

Instrument :

BNA_G

ClientSampleId :

N43502

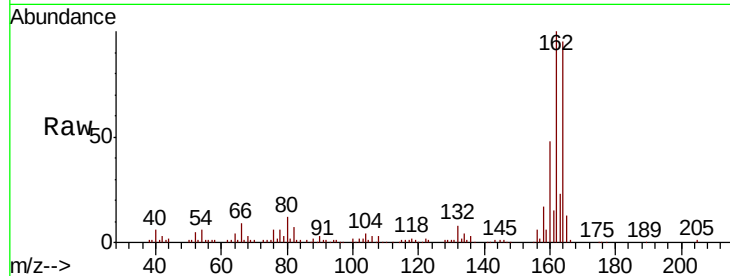
Tot Ion:164 Resp: 72208

Ion Ratio Lower Upper

164 100

162 104.8 84.4 126.6

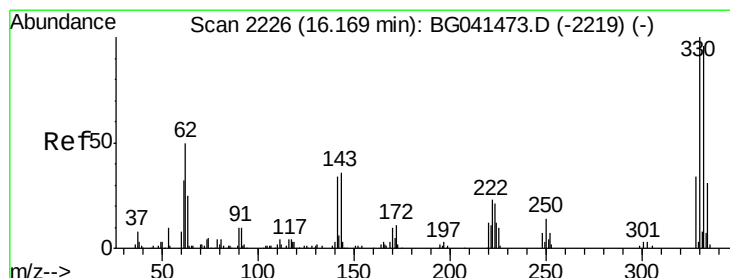
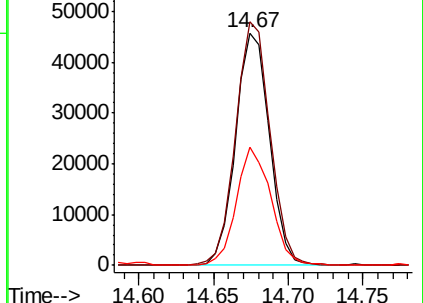
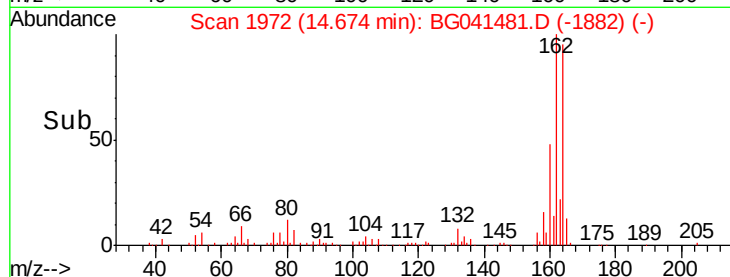
160 50.7 38.8 58.2



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: 146.459 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

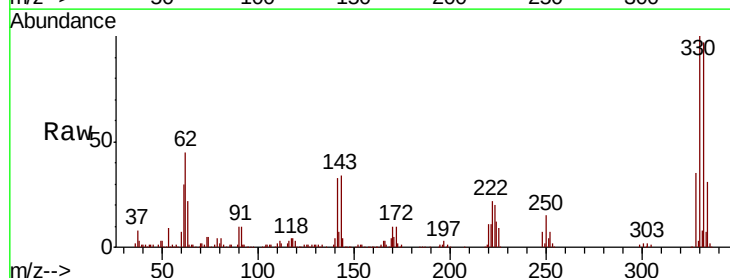
Tgt Ion:330 Resp: 180570

Ion Ratio Lower Upper

330 100

332 96.1 75.5 113.3

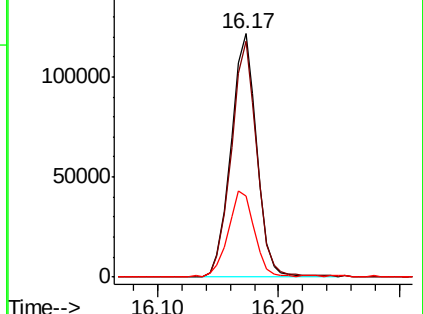
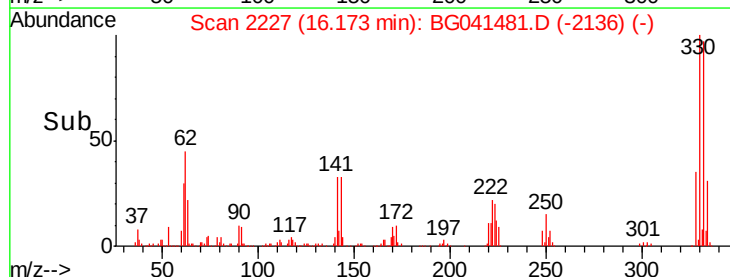
141 35.4 27.8 41.6

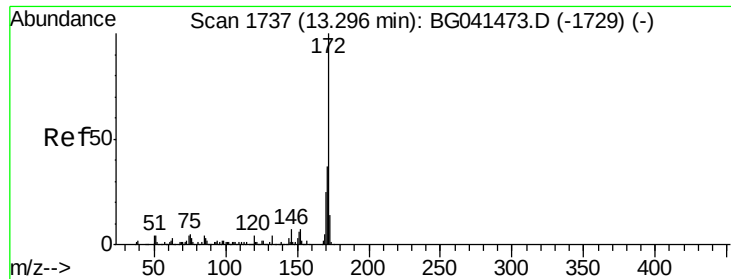


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

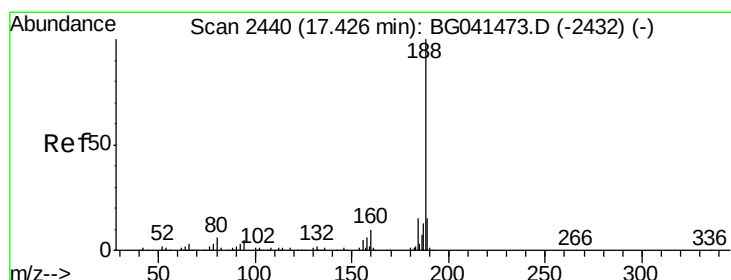
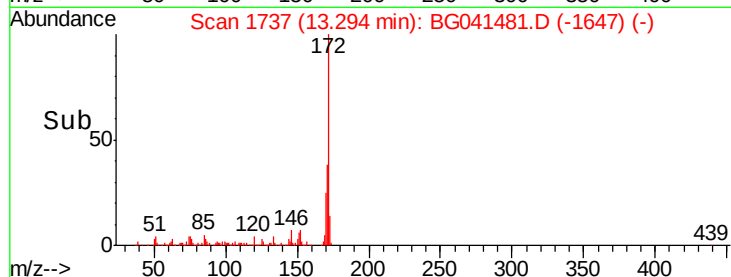
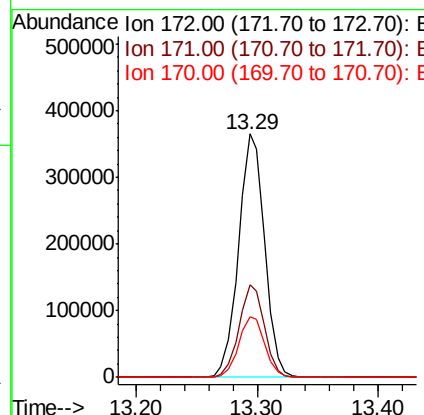
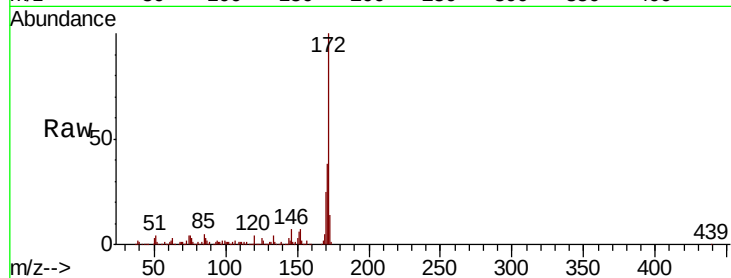




#45
2-Fluorobiphenyl
Concen: 97.402 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041481.D
Acq: 27 Jun 2019 8:41

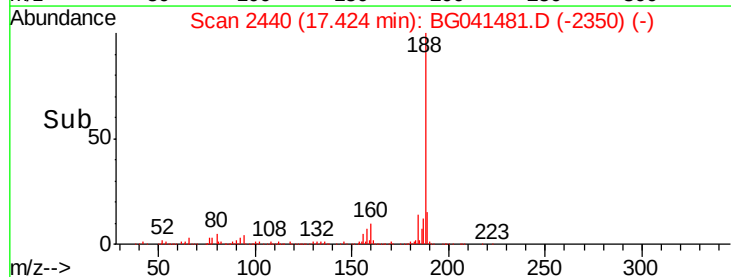
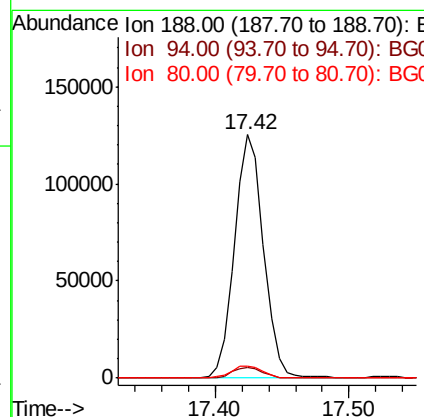
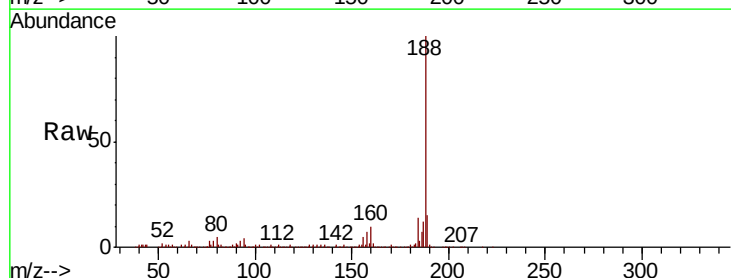
Instrument :
BNA_G
ClientSampled :
N43502

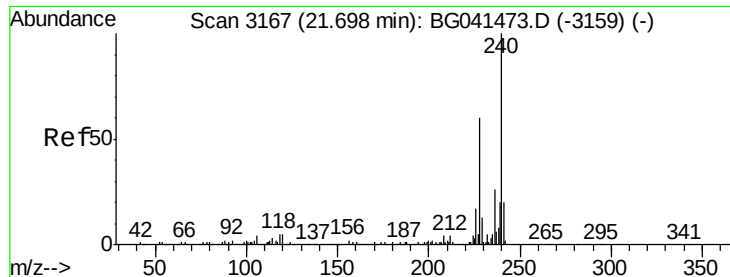
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.6	44.4
170	24.9	20.0	30.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041481.D
Acq: 27 Jun 2019 8:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.8	5.8
80	5.1	4.8	7.2

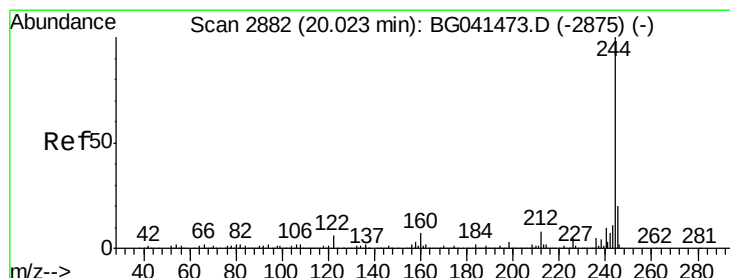
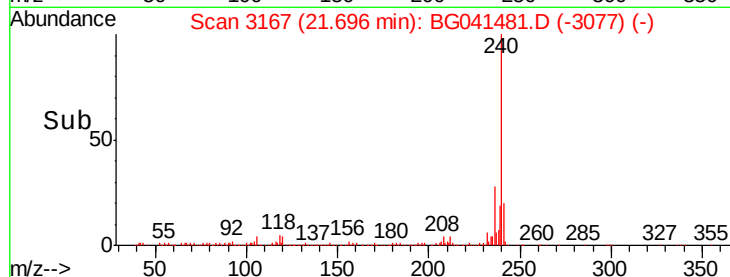
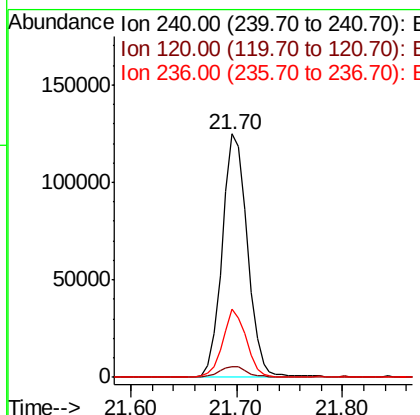
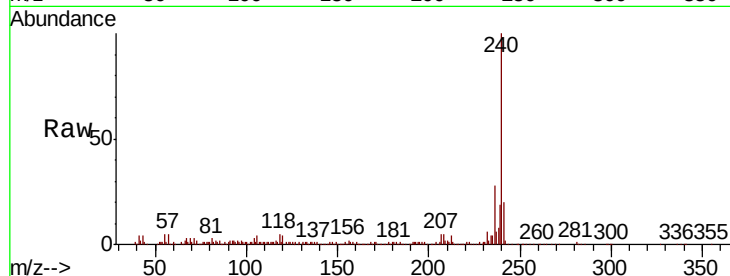




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041481.D
Acq: 27 Jun 2019 8:41

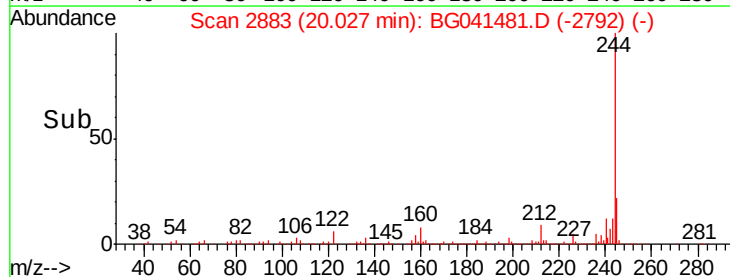
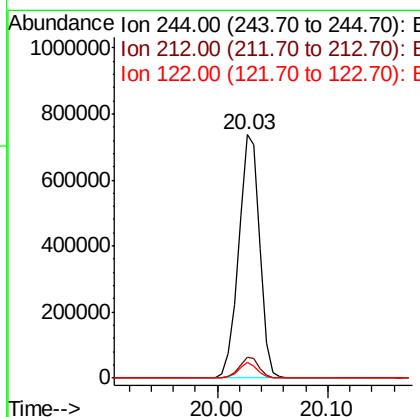
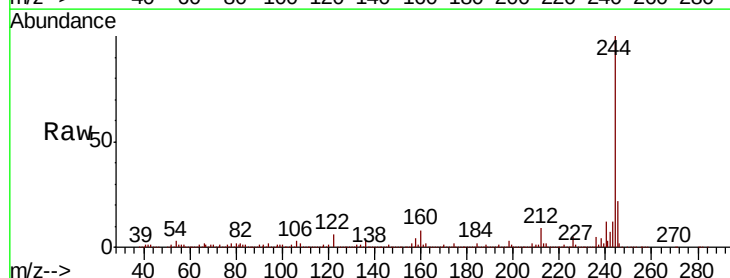
Instrument :
BNA_G
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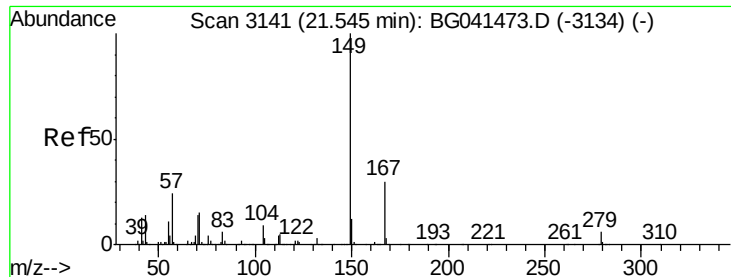
Tot Ion:240 Resp: 207257
Ion Ratio Lower Upper
240 100
120 4.4 3.7 5.5
236 28.2 20.8 31.2



#79
Terphenyl-d14
Concen: 100.518 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG041481.D
Acq: 27 Jun 2019 8:41

Tgt Ion:244 Resp: 980338
Ion Ratio Lower Upper
244 100
212 8.7 6.2 9.4
122 6.3 4.8 7.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.230 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

Instrument :

BNA_G

ClientSampleID :

N43502

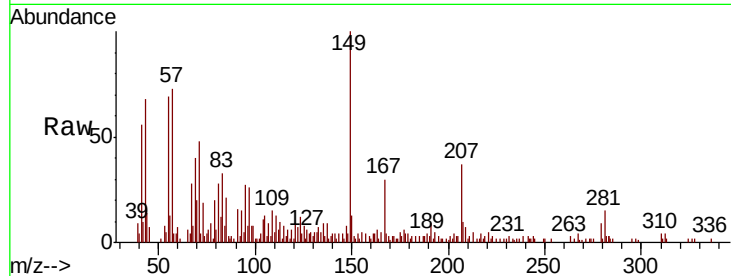
Tot Ion:149 Resp: 16706

Ion Ratio Lower Upper

149 100

167 30.3 23.6 35.4

279 9.0 5.0 7.6#

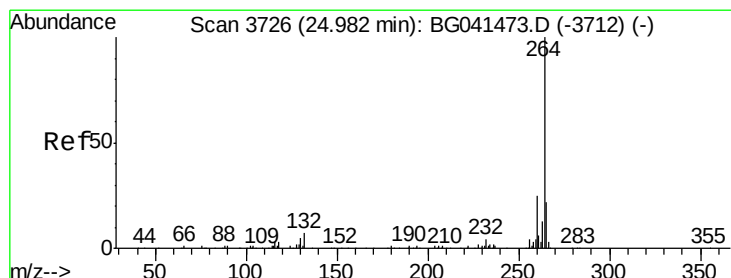
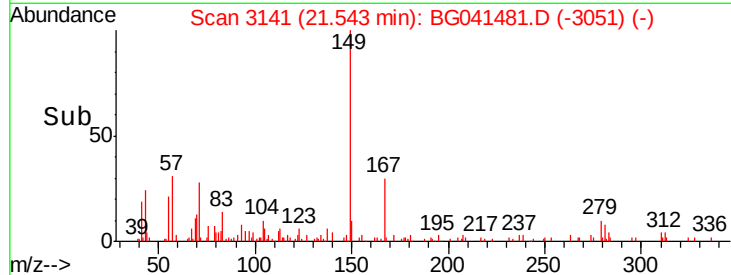
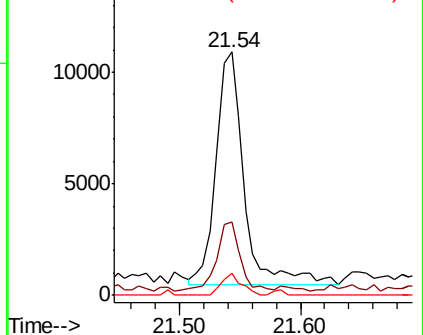


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

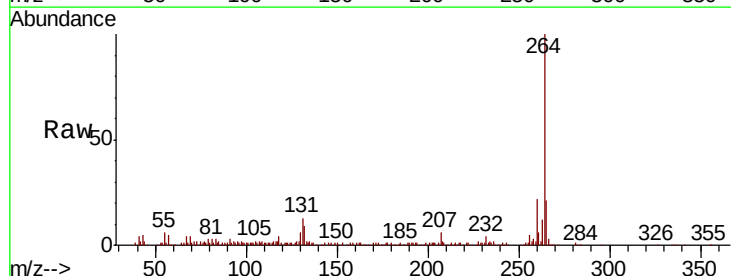
Tgt Ion:264 Resp: 222368

Ion Ratio Lower Upper

264 100

260 22.4 19.7 29.5

265 21.4 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

