

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042581.D
 Acq On : 30 Aug 2019 1:19
 Operator : HP/JU
 Sample : K4439-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-5-(5-7)

Quant Time: Aug 30 06:24:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

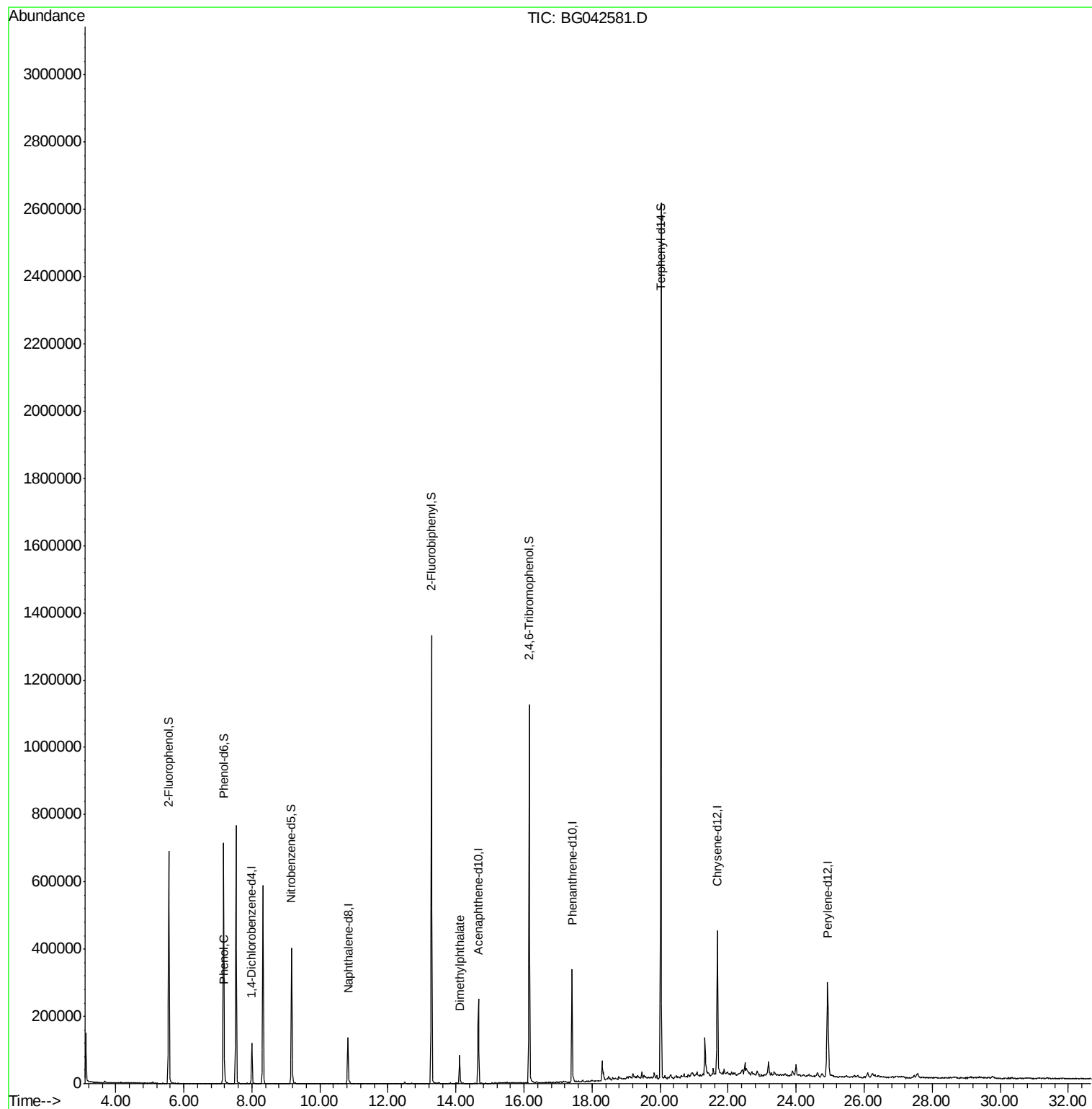
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	38424	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	143543	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	103258	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	240234	20.00	ng	0.00
76) Chrysene-d12	21.69	240	267105	20.00	ng	0.00
87) Perylene-d12	24.92	264	319073	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	343119	180.85	ng	0.00
7) Phenol-d6	7.17	99	459480	179.30	ng	0.00
23) Nitrobenzene-d5	9.17	82	261956	126.11	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	277336	188.97	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	772550	126.54	ng	0.00
79) Terphenyl-d14	20.02	244	1328464	107.52	ng	0.00
Target Compounds						
10) Phenol	7.19	94	10710	4.110	ng	86
50) Dimethylphthalate	14.11	163	76489	10.266	ng	97

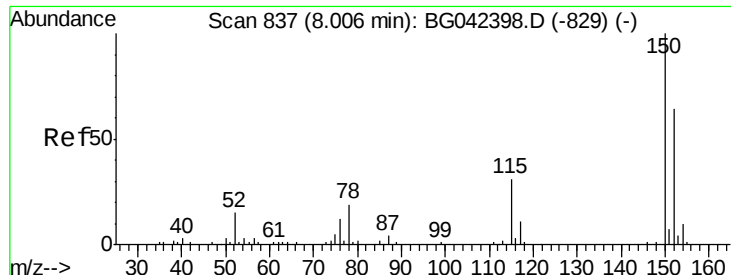
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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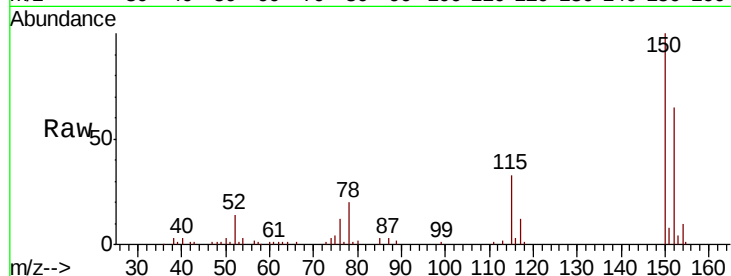


#1

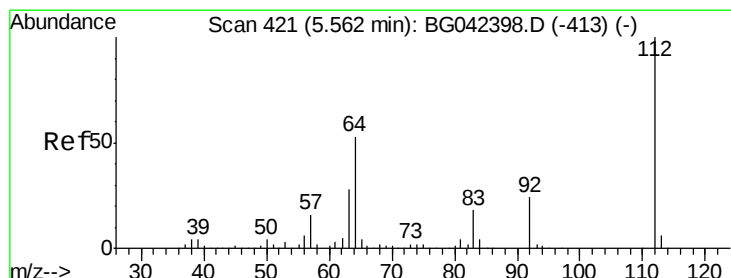
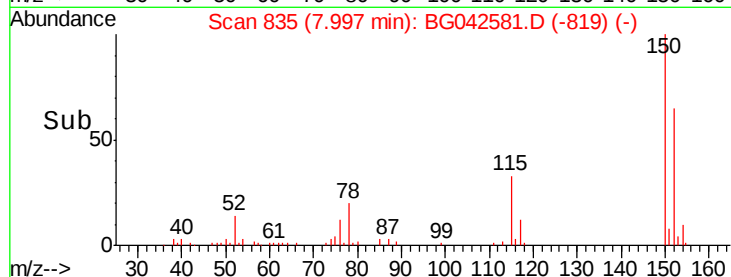
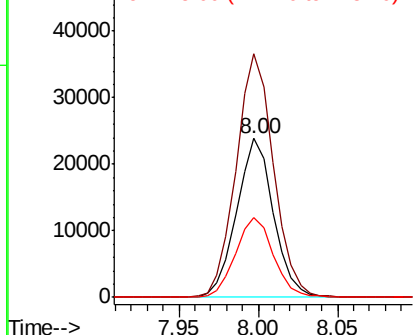
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tot Ion:152 Resp: 38424
Ion Ratio Lower Upper
152 100
150 153.2 125.4 188.0
115 49.9 38.5 57.7



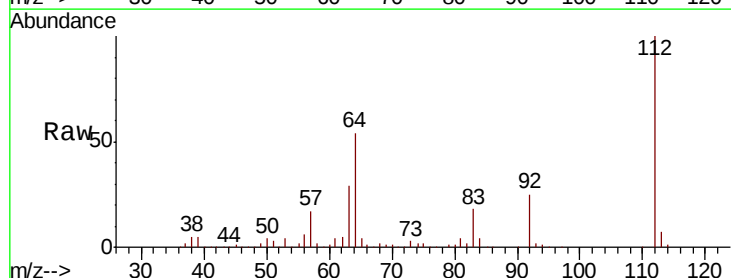
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



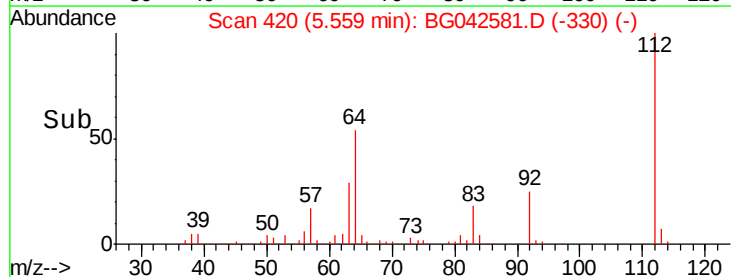
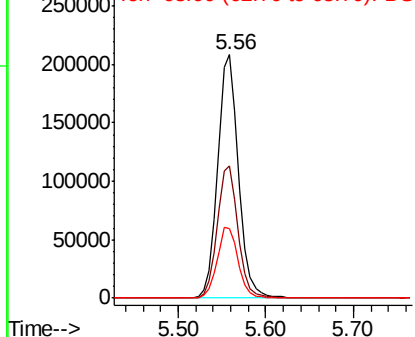
#5

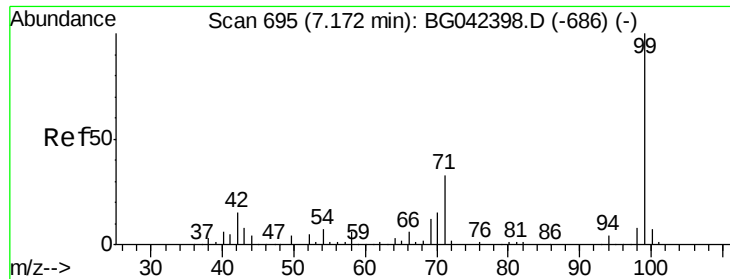
2-Fluorophenol
Concen: 180.855 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion:112 Resp: 343119
Ion Ratio Lower Upper
112 100
64 54.2 42.8 64.2
63 28.8 22.7 34.1



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: 179.295 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

Instrument :

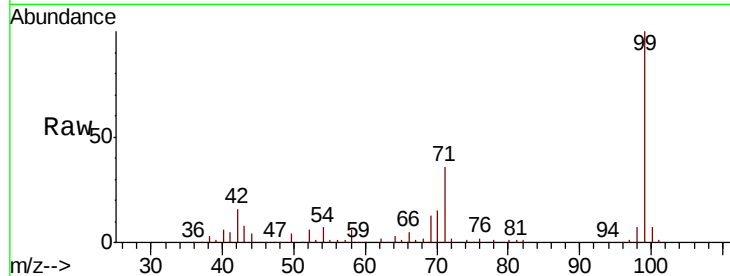
BNA_G

ClientSampleId :

S-5-(5-7)

Tot Ion: 99 Resp: 459480

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.0	18.0
71	35.5	26.3	39.5



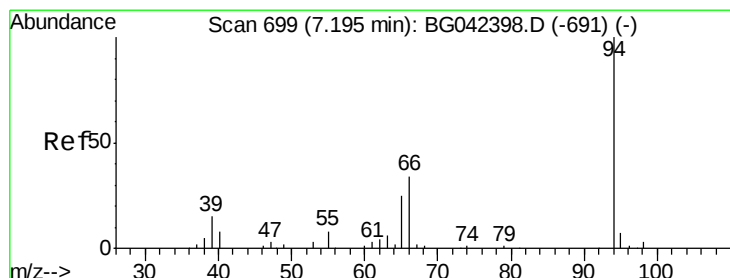
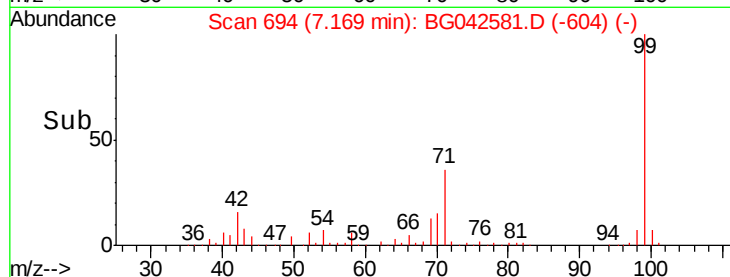
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.17

Time-->



#10

Phenol

Concen: 4.110 ng

RT: 7.19 min Scan# 698

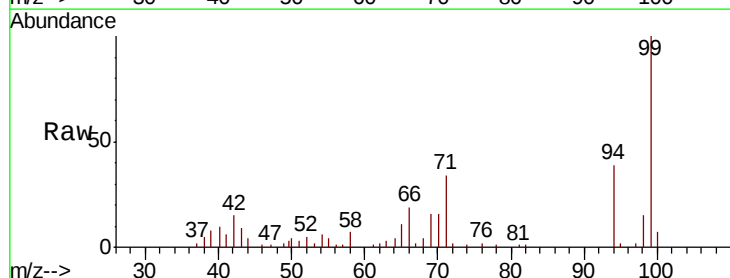
Delta R.T. -0.00 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

Tgt Ion: 94 Resp: 10710

Ion	Ratio	Lower	Upper
94	100		
65	27.6	5.6	45.6
66	48.5	16.0	56.0



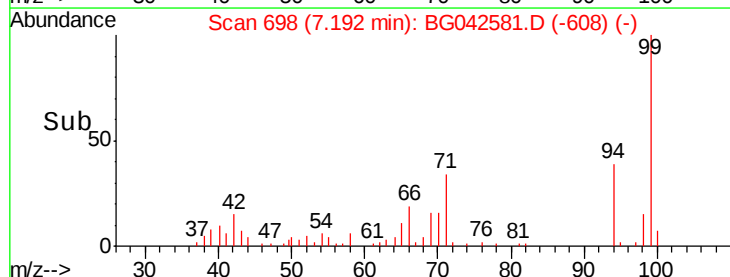
Abundance Ion 94.00 (93.70 to 94.70): BGC

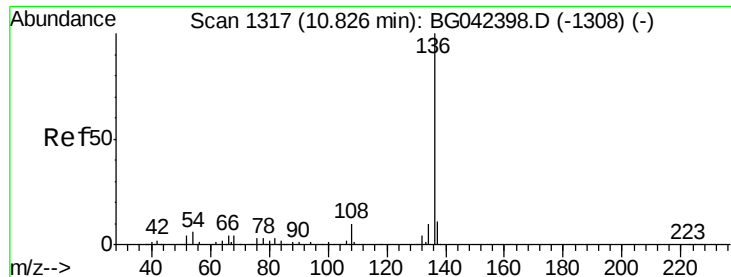
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

7.19

Time-->

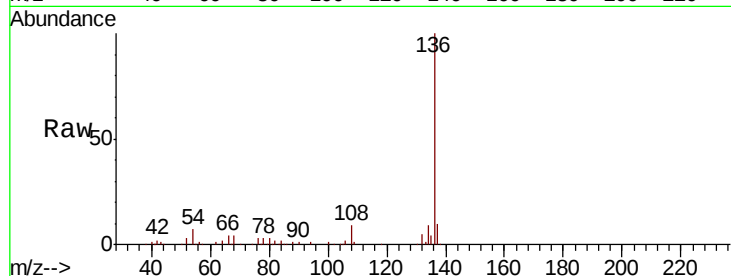




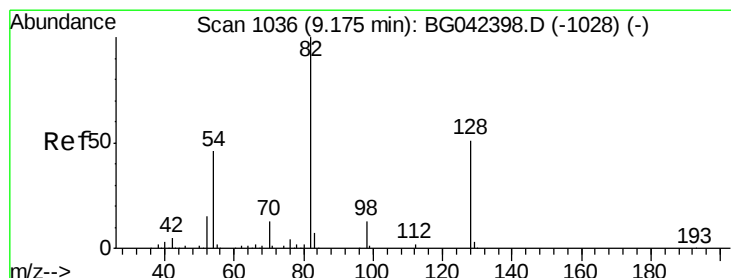
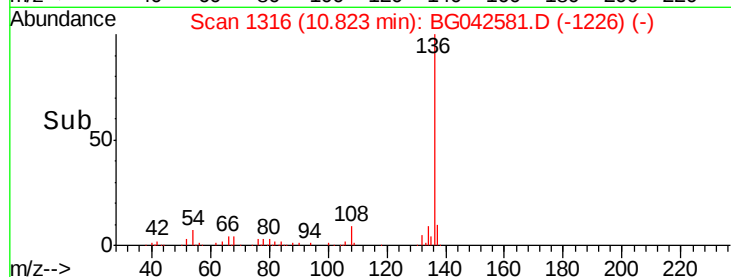
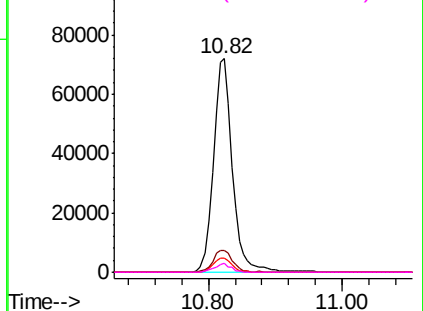
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tot Ion:136	Resp: 143543
Ion Ratio	Lower Upper
136 100	
137 10.2	8.7 13.1
54 6.6	4.9 7.3
68 4.4	3.6 5.4

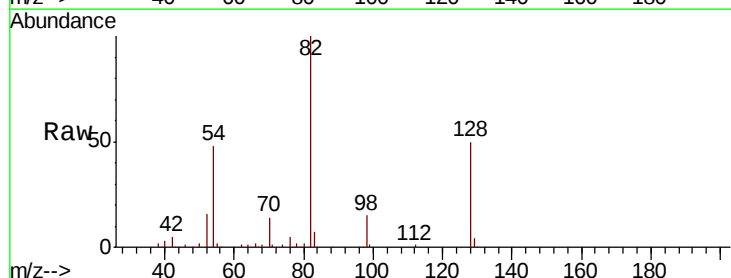


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

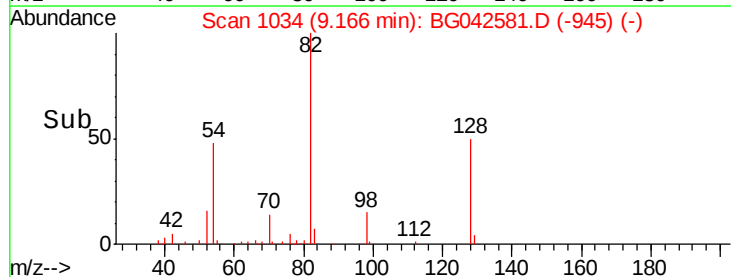
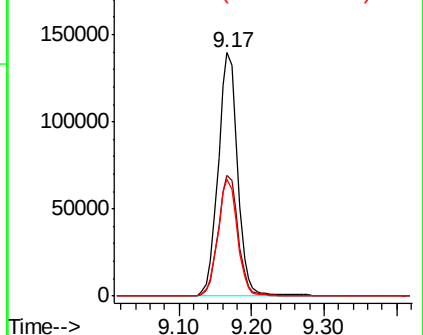


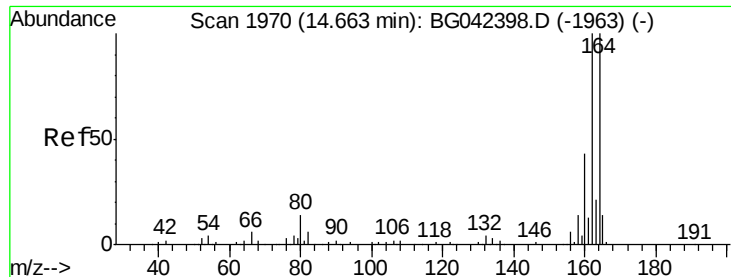
#23
Nitrobenzene-d5
Concen: 126.110 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion: 82	Resp: 261956
Ion Ratio	Lower Upper
82 100	
128 49.7	40.7 61.1
54 48.0	36.3 54.5



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: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

Instrument :

BNA_G

ClientSampleId :

S-5-(5-7)

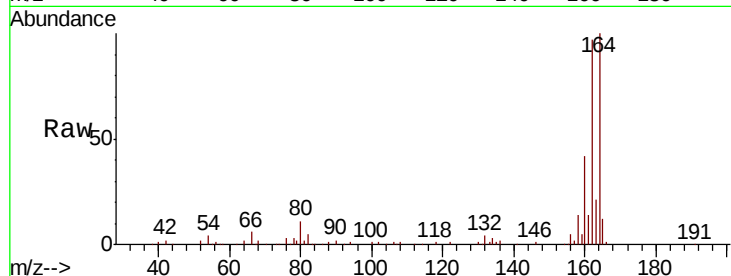
Tot Ion:164 Resp: 103258

Ion Ratio Lower Upper

164 100

162 97.1 79.9 119.9

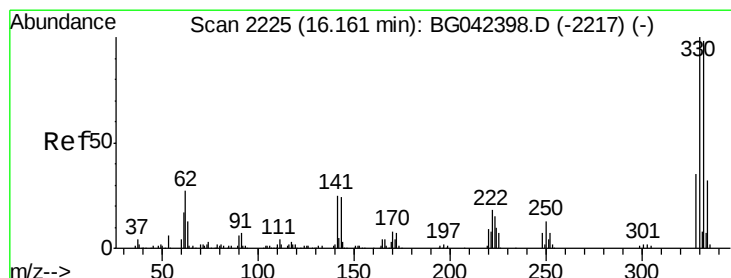
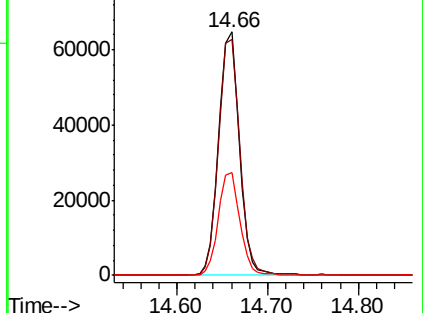
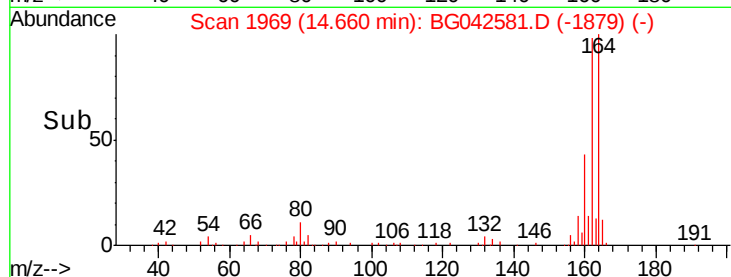
160 42.4 34.3 51.5



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: 188.967 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

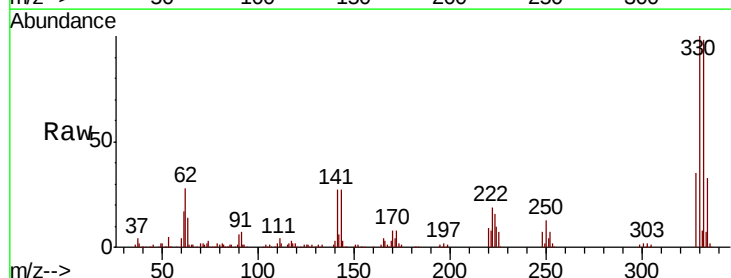
Tgt Ion:330 Resp: 277336

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

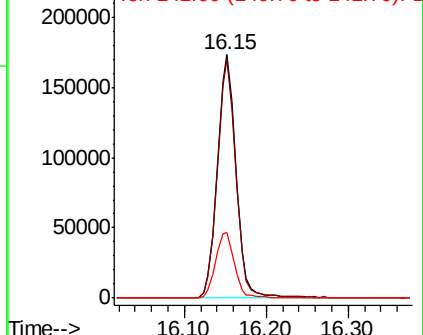
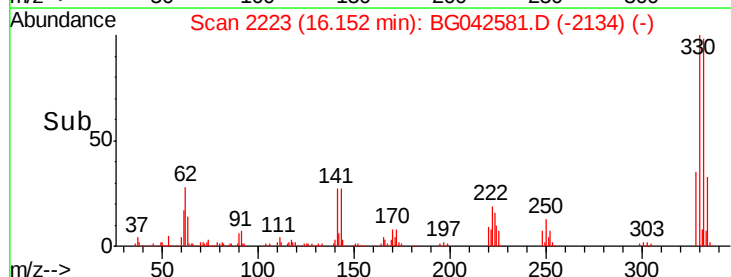
141 27.6 21.4 32.0

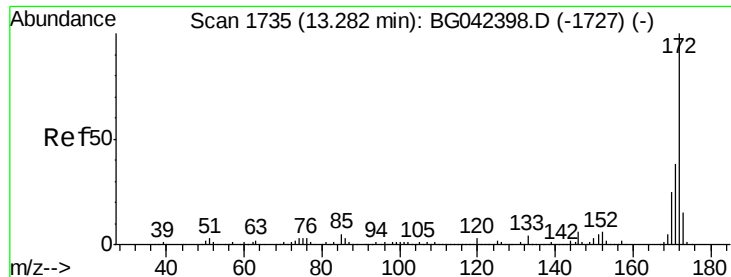


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

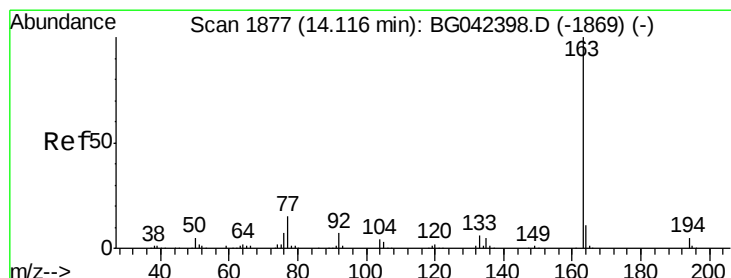
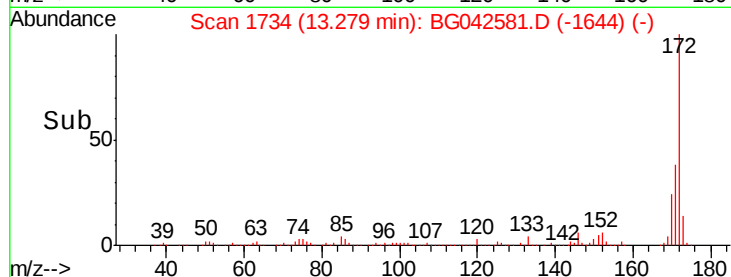
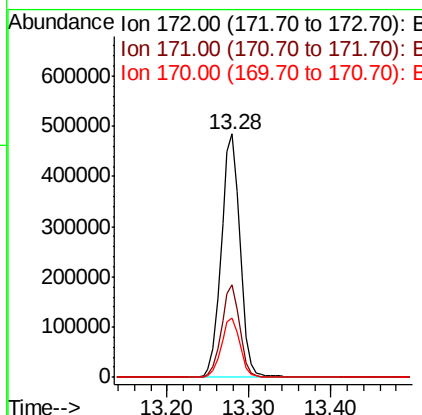
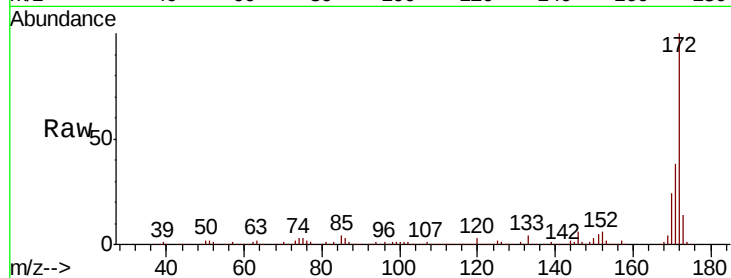




#45
2-Fluorobiphenyl
Concen: 126.538 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

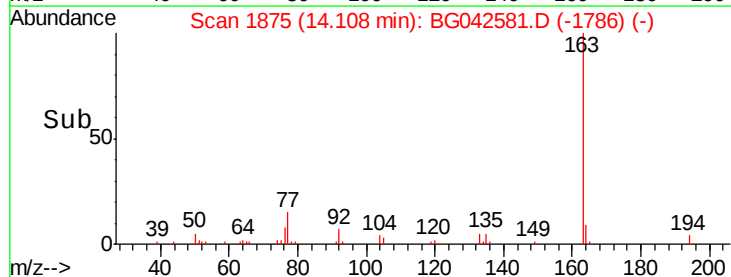
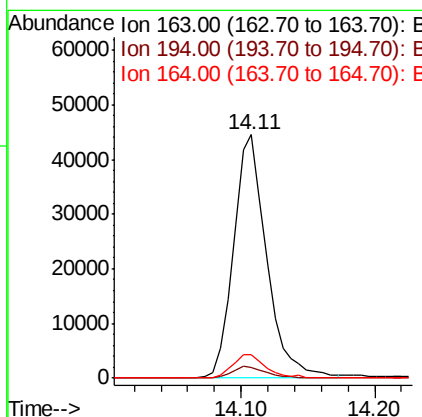
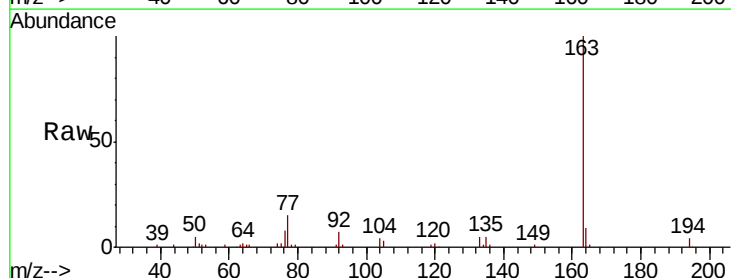
Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

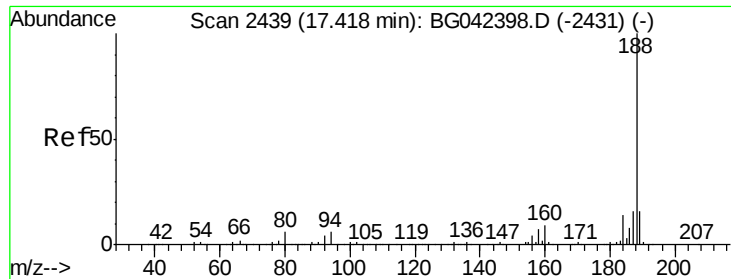
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	24.4	20.2	30.2



#50
Dimethylphthalate
Concen: 10.266 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.2	6.2
164	9.5	8.8	13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

Instrument :

BNA_G

ClientSampleId :

S-5-(5-7)

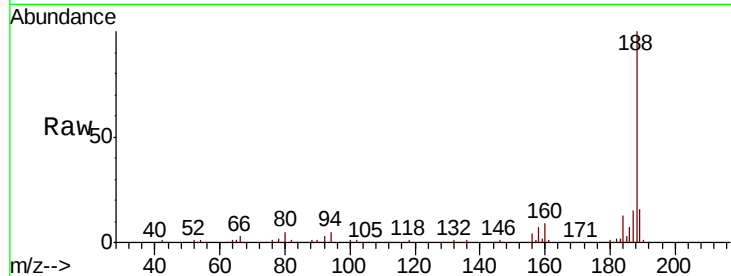
Tot Ion:188 Resp: 240234

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

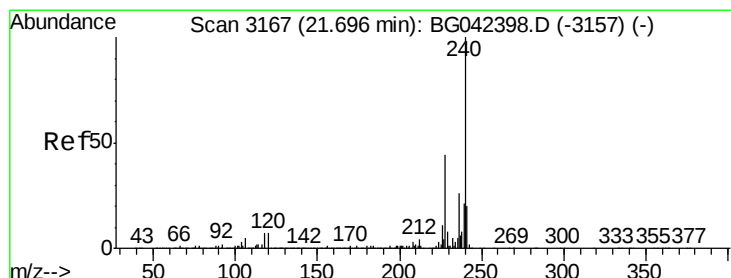
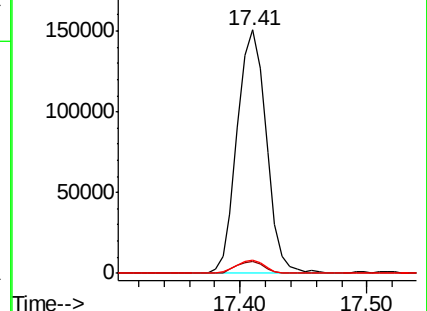
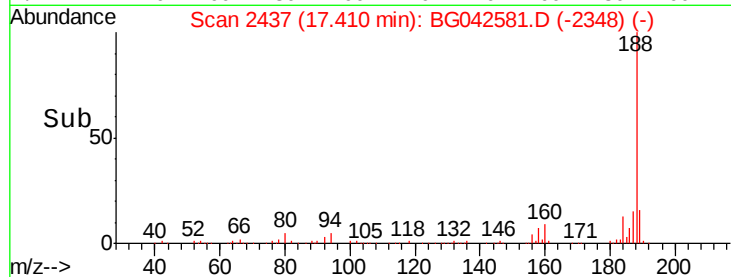
80 5.2 4.9 7.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

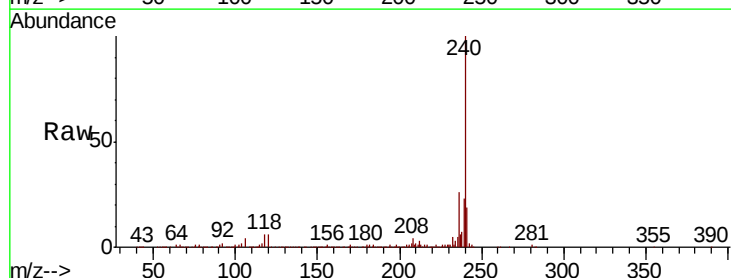
Tgt Ion:240 Resp: 267105

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

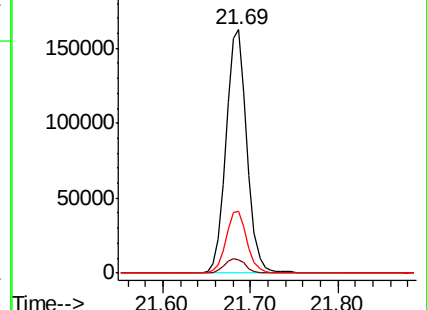
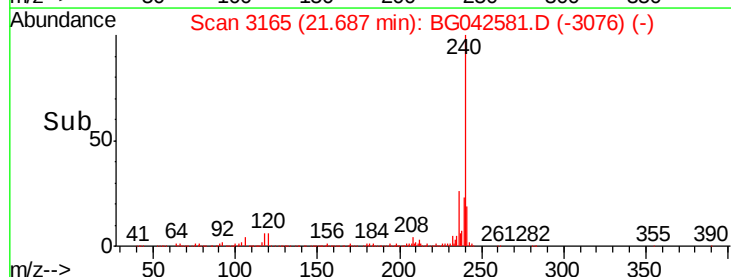
236 25.6 21.0 31.4

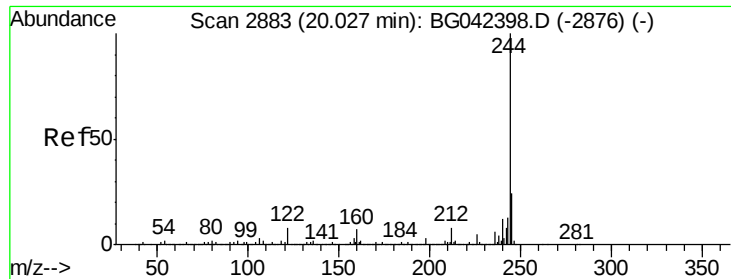


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.524 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

Instrument :

BNA_G

ClientSampleId :

S-5-(5-7)

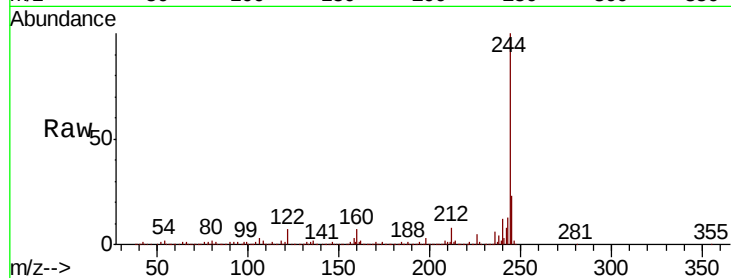
Tot Ion:244 Resp: 1328464

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

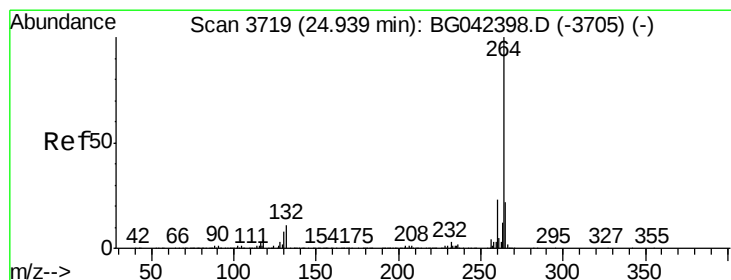
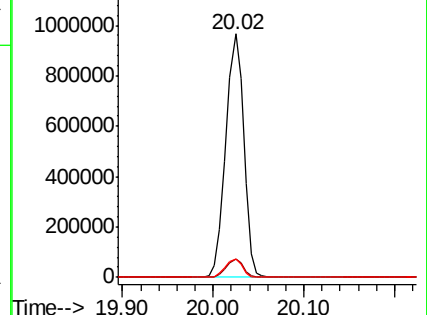
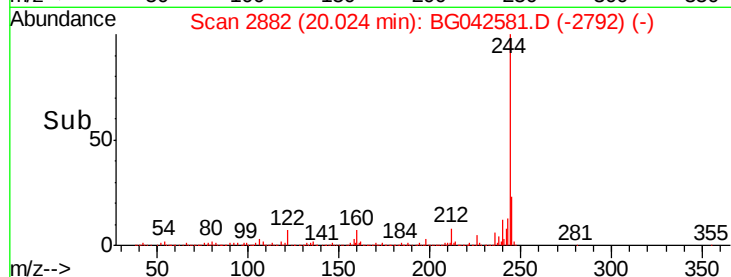
122 7.3 6.7 10.1



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: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

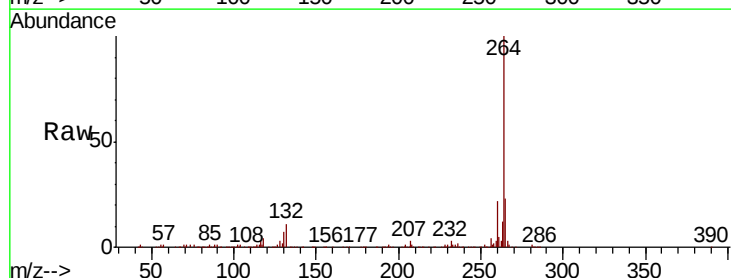
Tgt Ion:264 Resp: 319073

Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

265 22.6 17.6 26.4



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

