

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042793.D
 Acq On : 12 Sep 2019 22:08
 Operator : HP/JU
 Sample : K4852-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GIS-2(0-5)

Quant Time: Sep 13 08:16:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

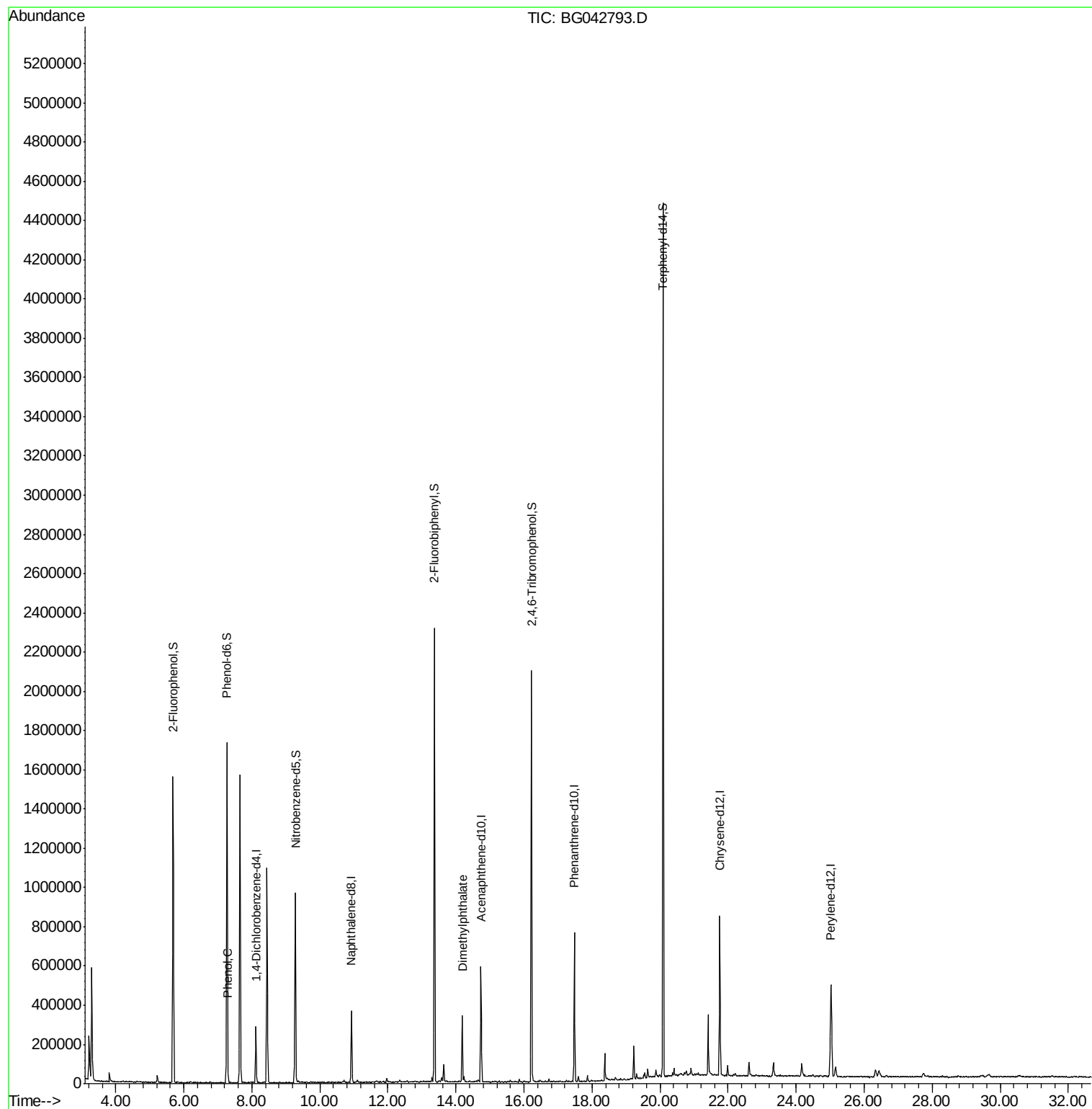
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	77706	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	299757	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	198531	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	479736	20.00	ng	0.00
76) Chrysene-d12	21.76	240	485225	20.00	ng	0.00
87) Perylene-d12	25.02	264	545881	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	631457	141.28	ng	0.00
7) Phenol-d6	7.27	99	938277	146.25	ng	0.00
23) Nitrobenzene-d5	9.28	82	577497	100.30	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	396275	150.03	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1193299	95.14	ng	0.00
79) Terphenyl-d14	20.09	244	2017334	92.14	ng	0.00
Target Compounds						
10) Phenol	7.30	94	23529	3.576	ng	93
50) Dimethylphthalate	14.18	163	202619	13.624	ng	99

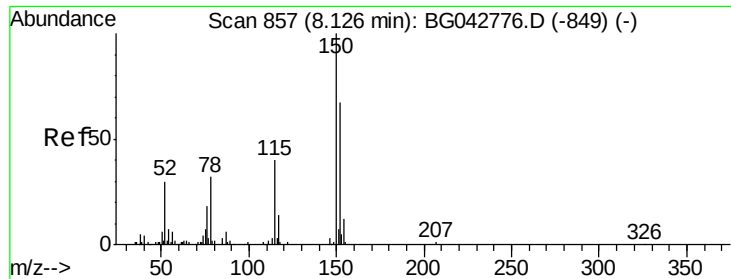
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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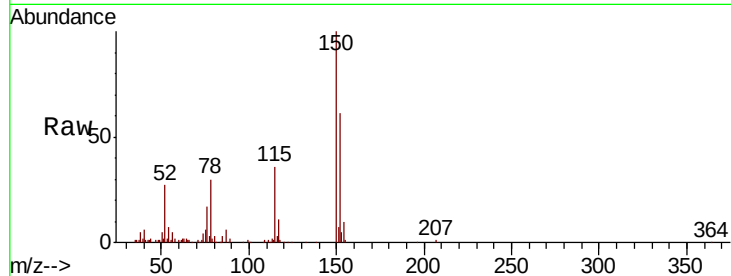


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042793.D
Acq: 12 Sep 2019 22:08

Instrument :
BNA_G
ClientSampleId :
GIS-2(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	118.9	178.3
115	59.6	47.4	71.2

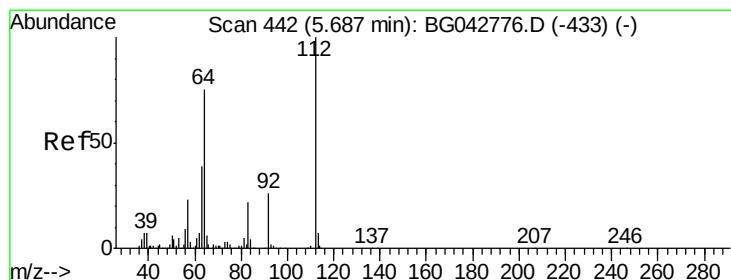
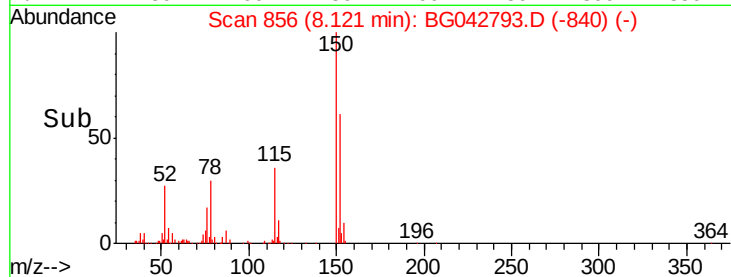
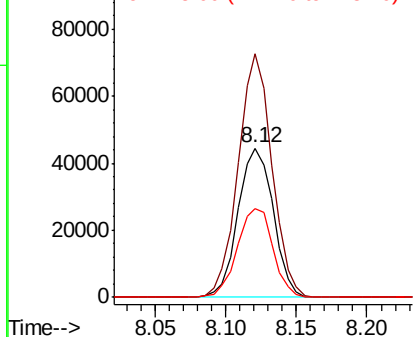


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

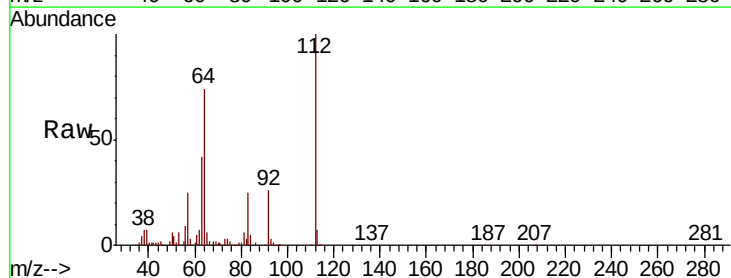
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.279 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG042793.D
Acq: 12 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.3	60.2	90.2
63	41.7	31.2	46.8

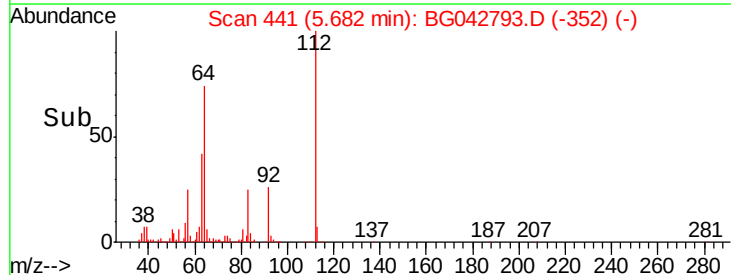
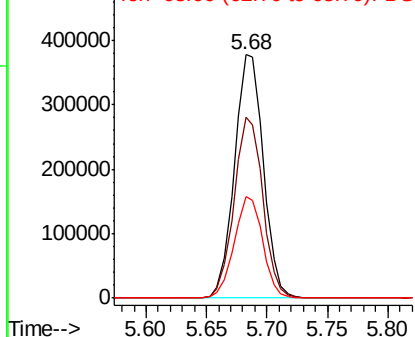


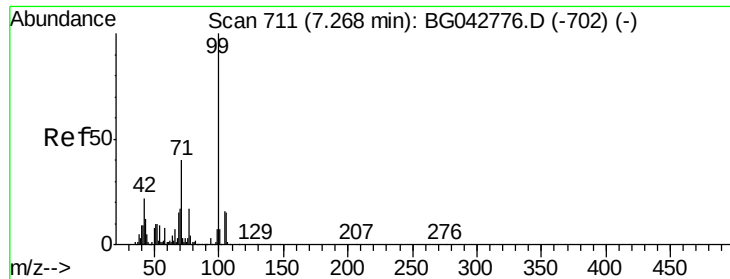
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 146.254 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

Instrument :

BNA_G

ClientSampleId :

GIS-2(0-5)

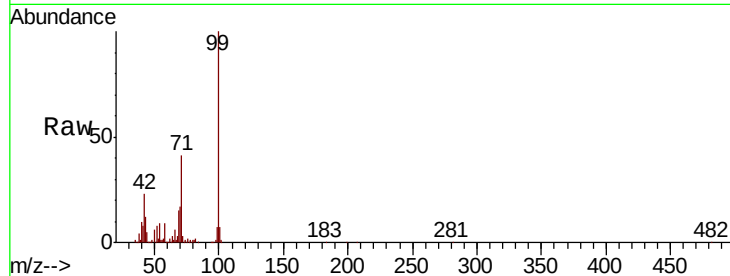
Tot Ion: 99 Resp: 938277

Ion Ratio Lower Upper

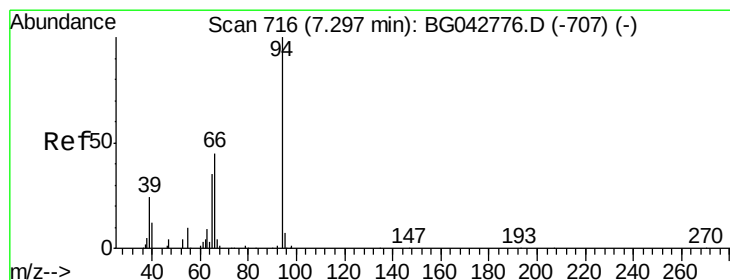
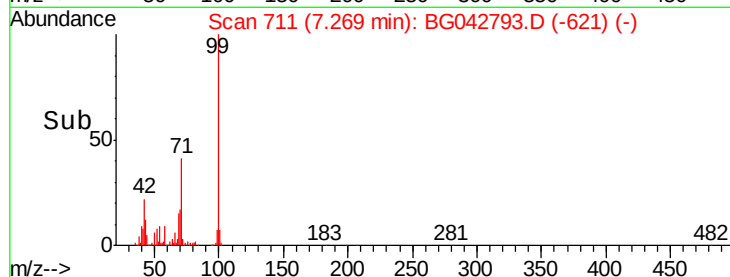
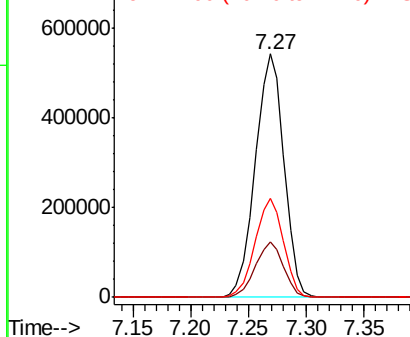
99 100

42 22.5 17.5 26.3

71 40.8 32.0 48.0



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: 3.576 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

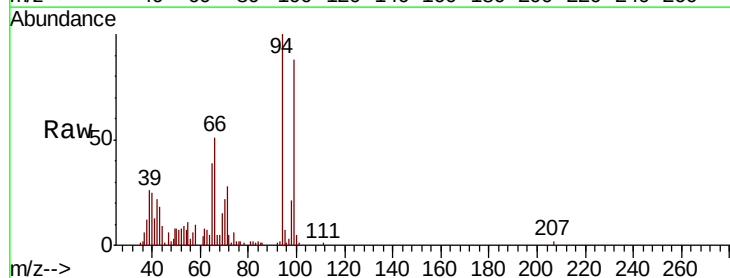
Tgt Ion: 94 Resp: 23529

Ion Ratio Lower Upper

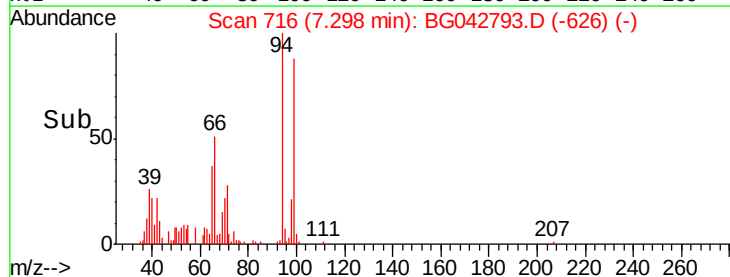
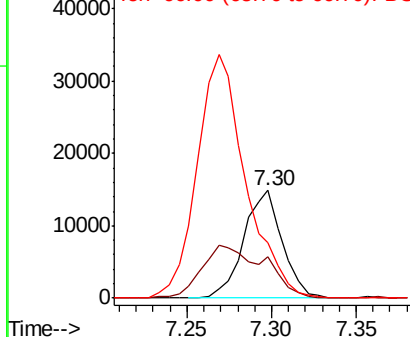
94 100

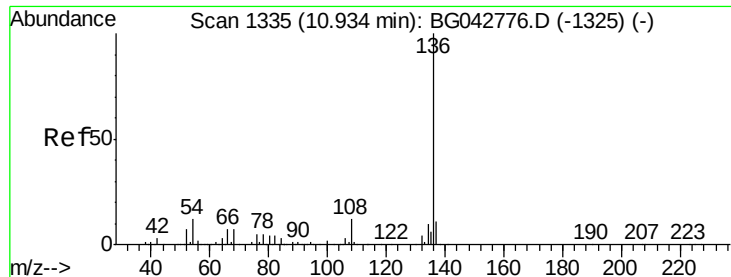
65 38.6 15.0 55.0

66 51.2 26.1 66.1



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

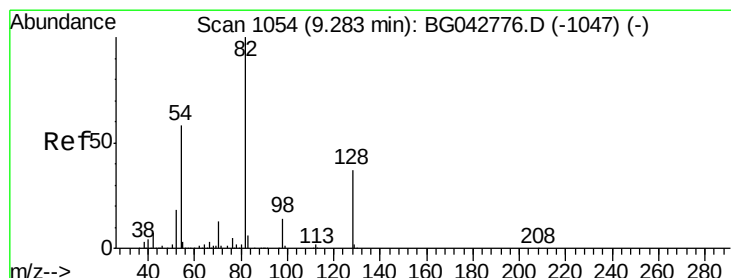
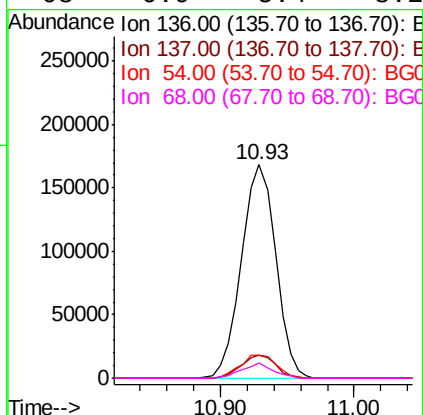
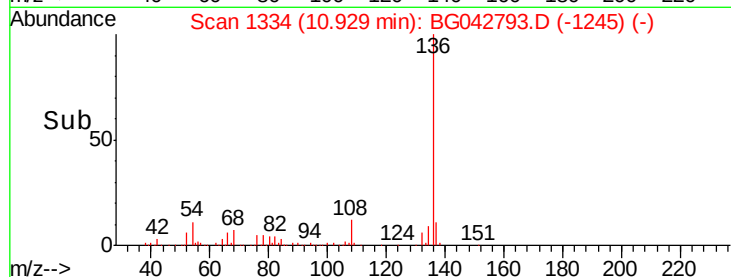
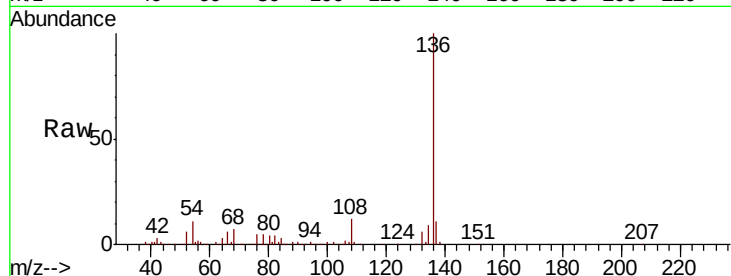




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042793.D
Acq: 12 Sep 2019 22:08

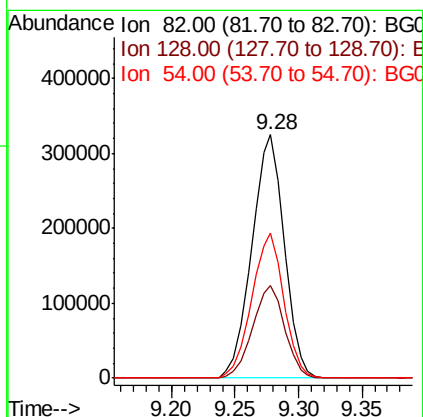
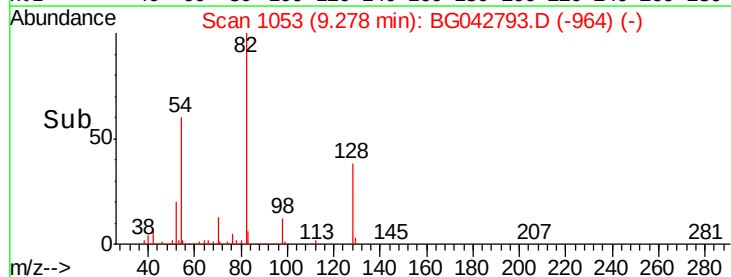
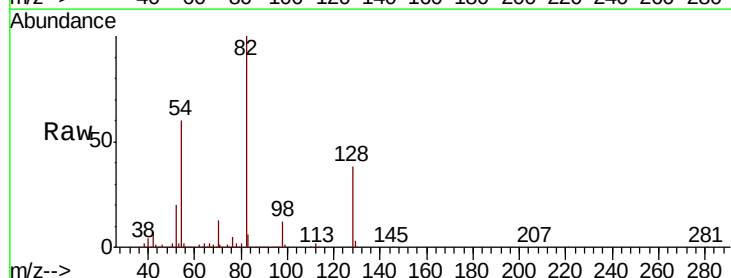
Instrument :
BNA_G
ClientSampleId :
GIS-2(0-5)

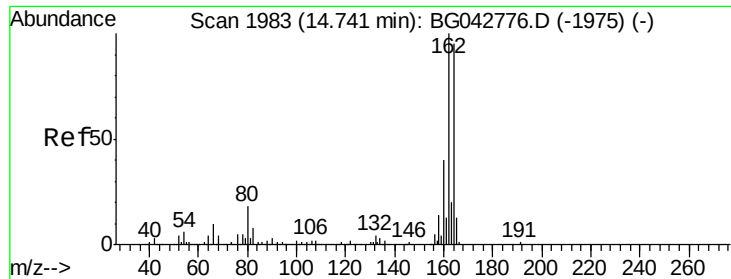
Tot Ion:136	Resp:	299757
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.0	13.6
54 10.8	9.4	14.0
68 6.9	5.4	8.2



#23
Nitrobenzene-d5
Concen: 100.301 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042793.D
Acq: 12 Sep 2019 22:08

Tgt Ion: 82	Resp: 577497
Ion Ratio	Lower Upper
82 100	
128 38.1	29.8 44.8
54 59.8	46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

Instrument :

BNA_G

ClientSampleId :

GIS-2(0-5)

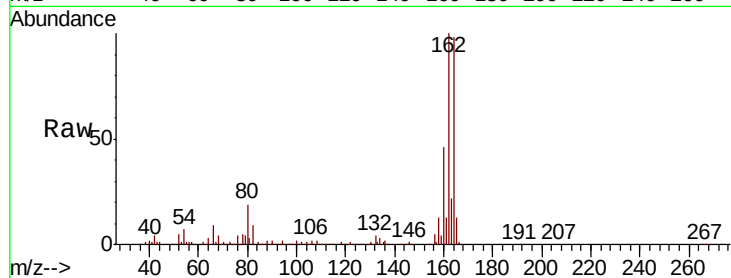
Tot Ion:164 Resp: 198531

Ion Ratio Lower Upper

164 100

162 102.3 84.6 126.8

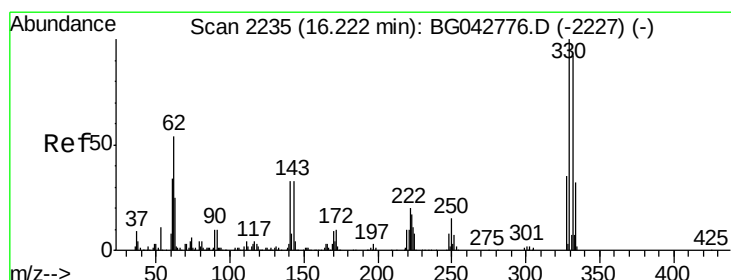
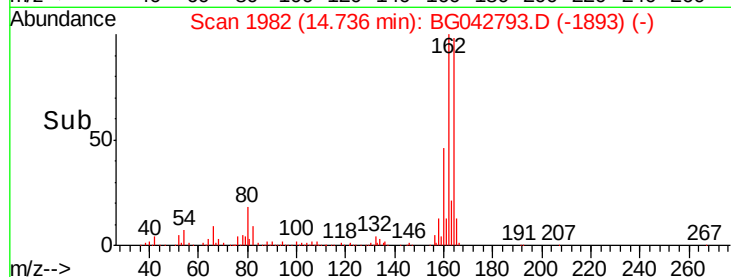
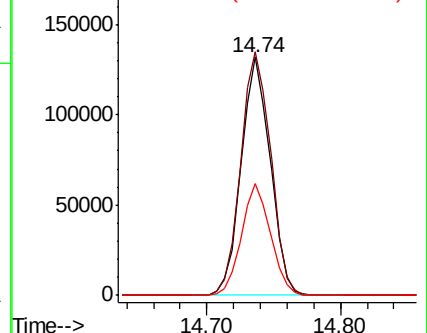
160 47.2 34.2 51.2



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: 150.030 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

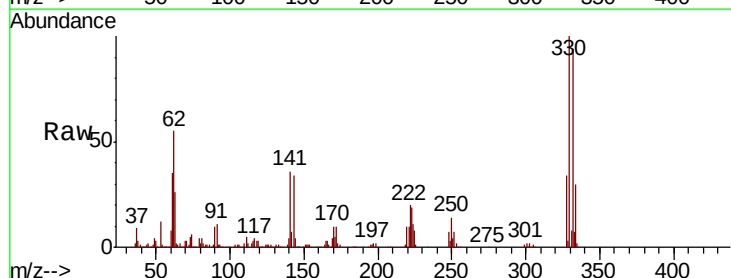
Tgt Ion:330 Resp: 396275

Ion Ratio Lower Upper

330 100

332 96.7 76.7 115.1

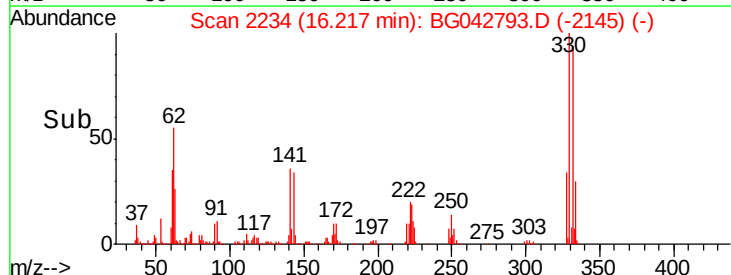
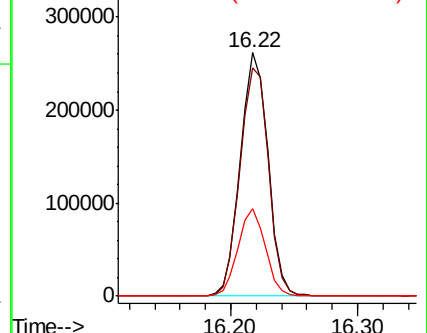
141 35.2 27.0 40.6

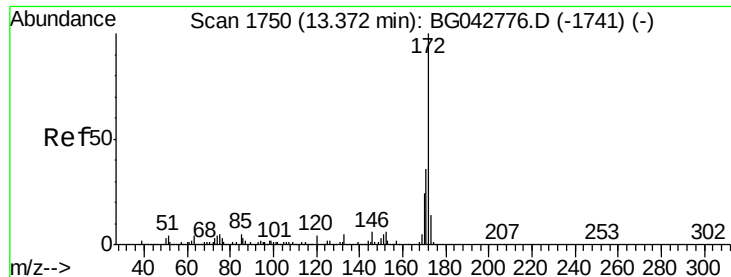


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



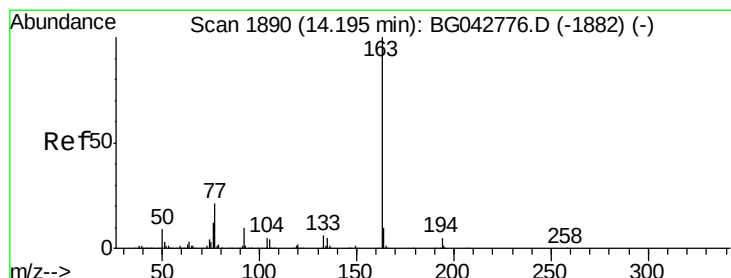
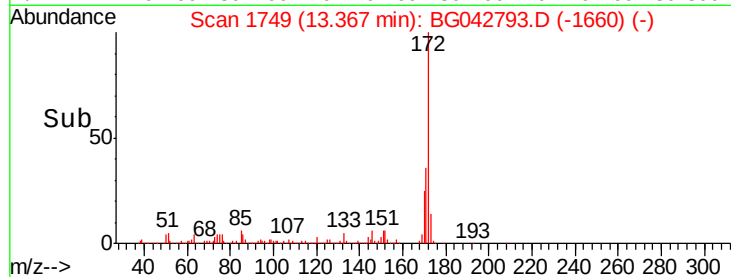
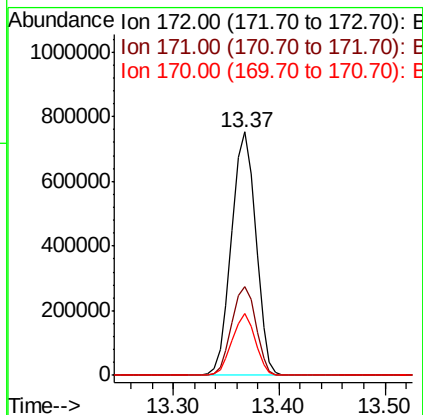
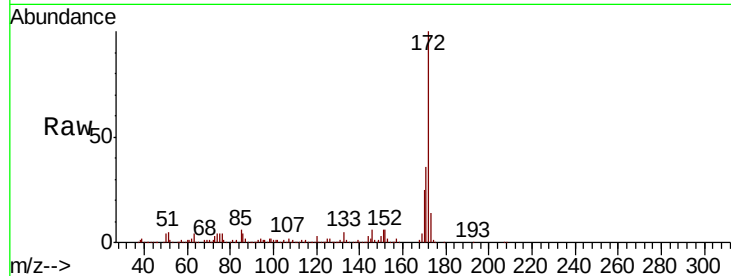


#45
2-Fluorobiphenyl
Concen: 95.144 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042793.D
Acq: 12 Sep 2019 22:08

Instrument :
BNA_G
ClientSampleId :
GIS-2(0-5)

Tot Ion:172 Resp: 1193299

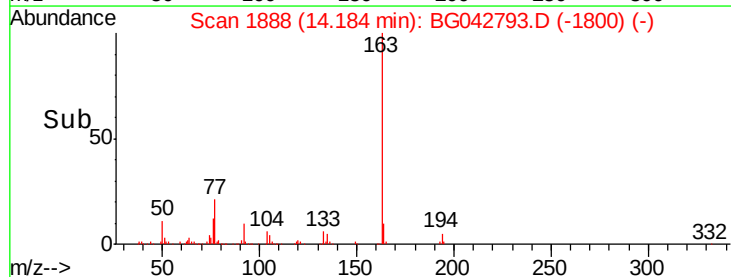
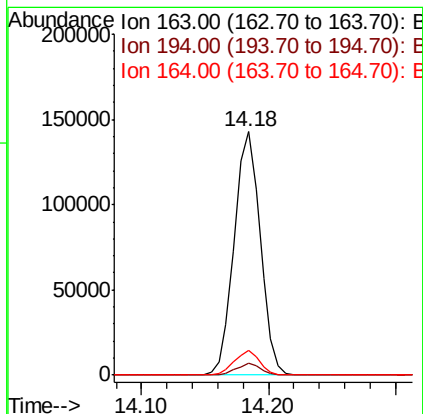
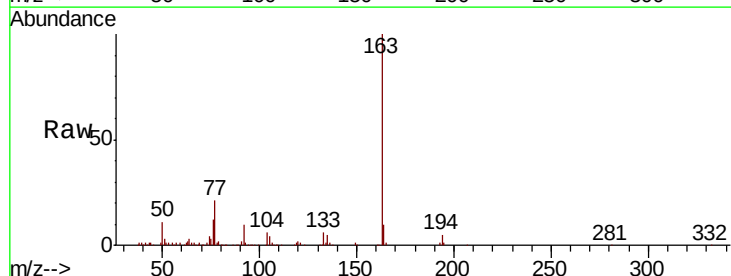
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	25.4	19.1	28.7

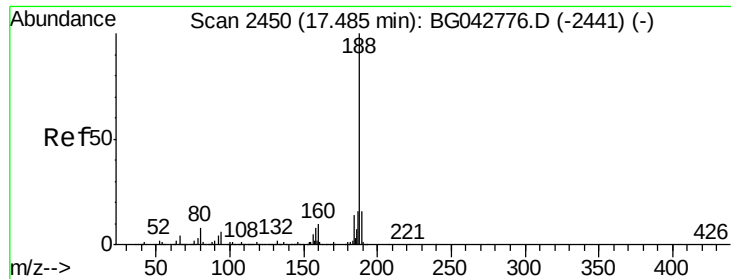


#50
Dimethylphthalate
Concen: 13.624 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042793.D
Acq: 12 Sep 2019 22:08

Tgt Ion:163 Resp: 202619

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.4
164	10.0	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

Instrument :

BNA_G

ClientSampleId :

GIS-2(0-5)

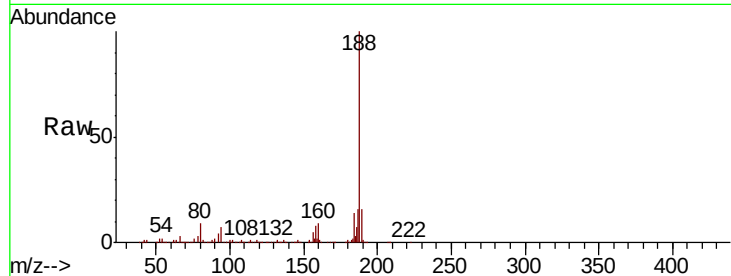
Tot Ion:188 Resp: 479736

Ion Ratio Lower Upper

188 100

94 6.8 4.8 7.2

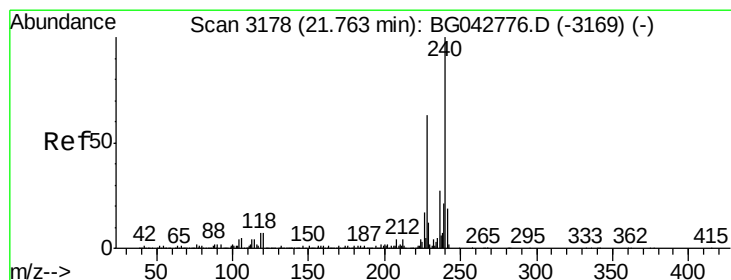
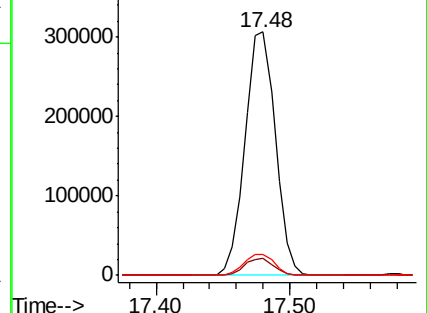
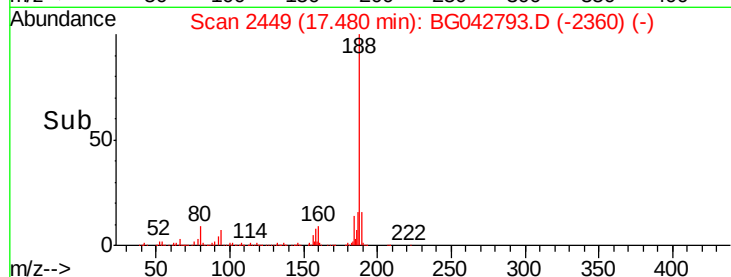
80 8.6 6.6 9.8



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: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

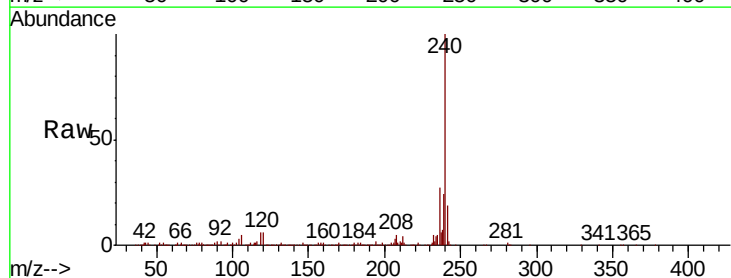
Tgt Ion:240 Resp: 485225

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.2

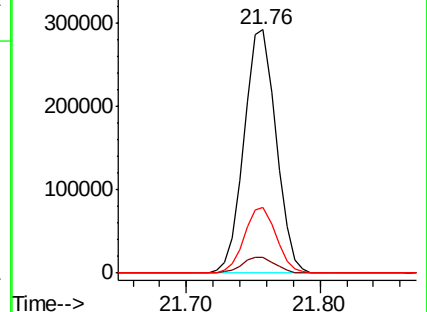
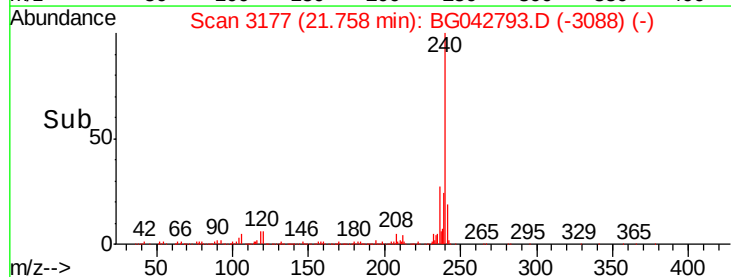
236 27.2 21.7 32.5

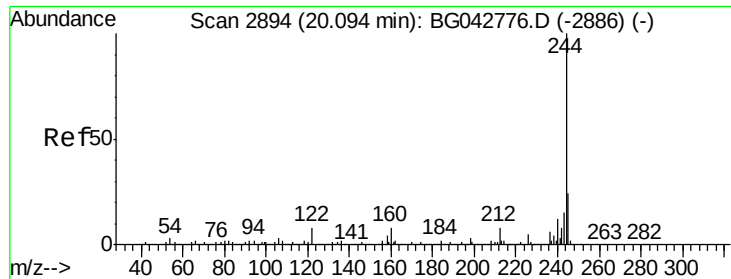


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.142 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

Instrument :

BNA_G

ClientSampleId :

GIS-2(0-5)

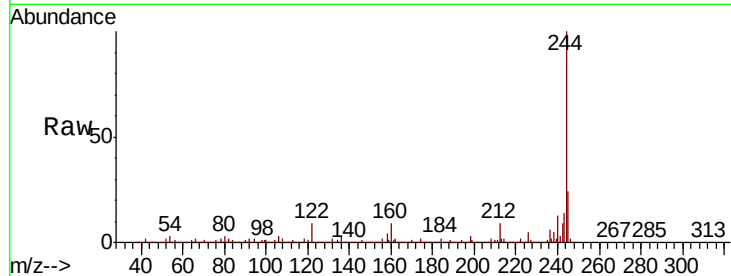
Tot Ion:244 Resp: 2017334

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

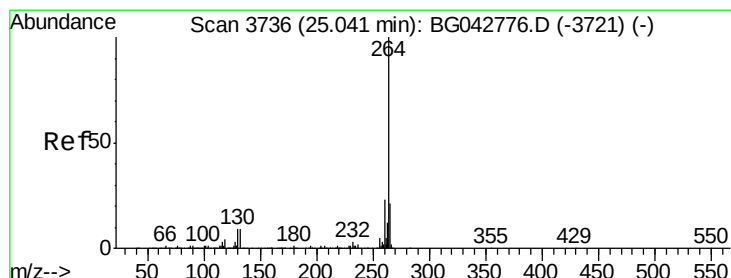
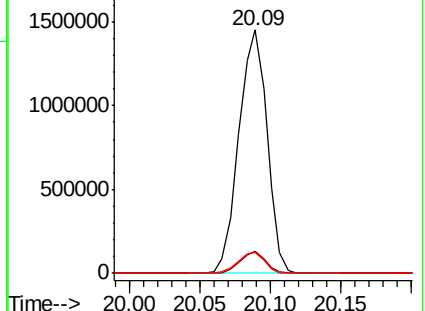
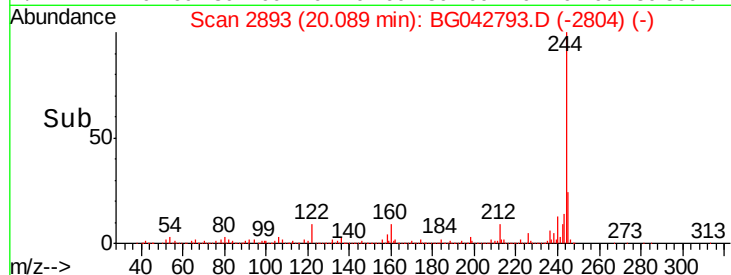
122 8.7 6.2 9.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042793.D

Acq: 12 Sep 2019 22:08

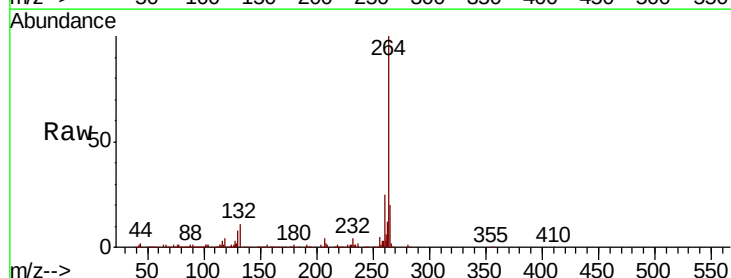
Tgt Ion:264 Resp: 545881

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.2

265 20.1 16.9 25.3



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

