

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042788.D
 Acq On : 12 Sep 2019 18:56
 Operator : HP/JU
 Sample : K4852-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GIS-4(0-4)

Quant Time: Sep 13 07:59:41 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

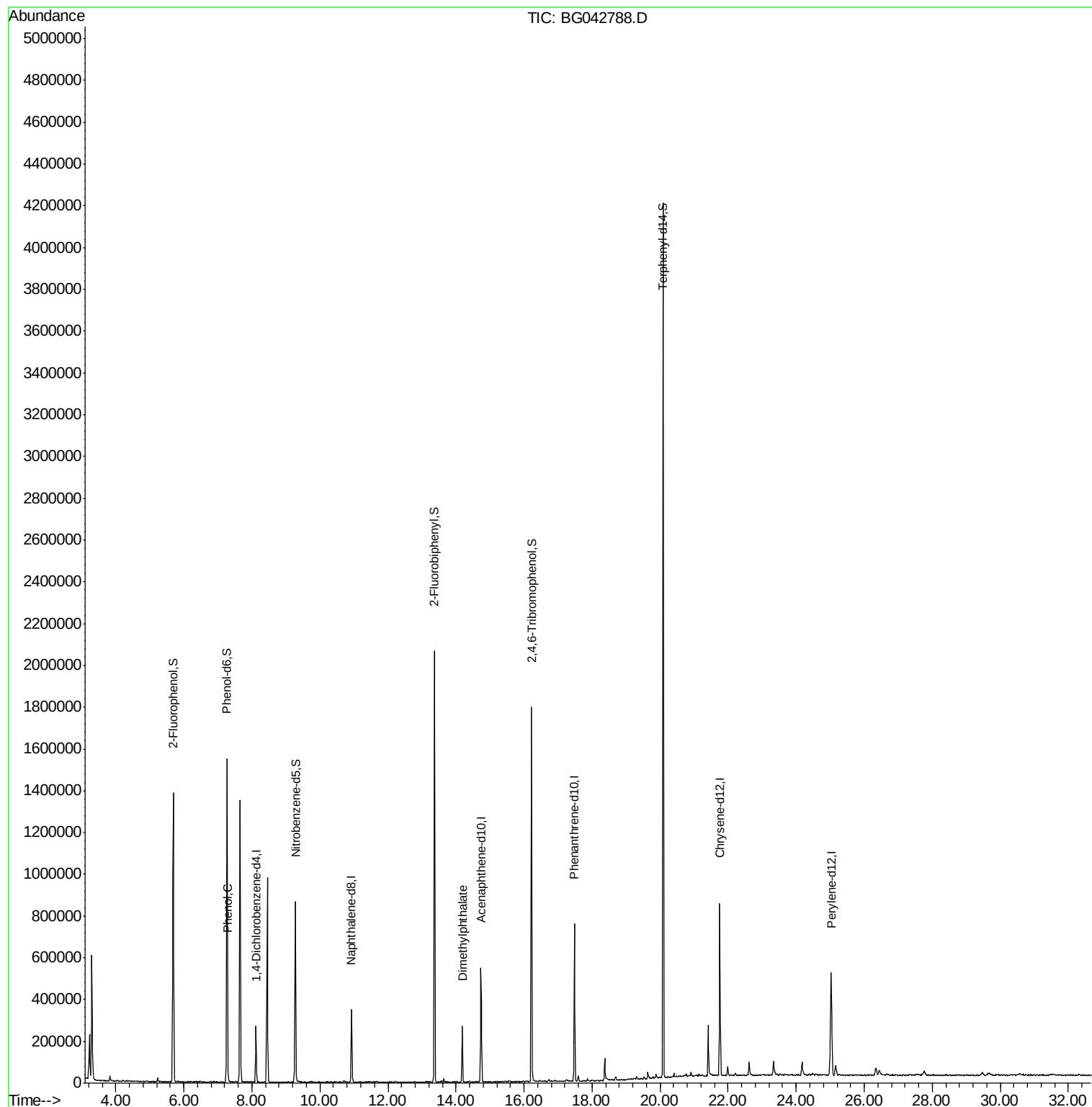
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	74884	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	280588	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	191154	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	455936	20.00	ng	0.00
76) Chrysene-d12	21.76	240	490798	20.00	ng	0.00
87) Perylene-d12	25.03	264	536807	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	555204	128.90	ng	0.00
7) Phenol-d6	7.27	99	824438	133.35	ng	0.00
23) Nitrobenzene-d5	9.28	82	505075	93.72	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	342855	134.81	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1088176	90.11	ng	0.00
79) Terphenyl-d14	20.09	244	1941542	87.67	ng	0.00
Target Compounds						
10) Phenol	7.29	94	20166	3.181	ng	83
50) Dimethylphthalate	14.18	163	166533	11.630	ng	99

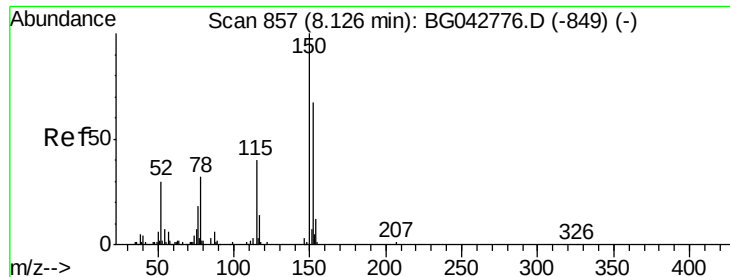
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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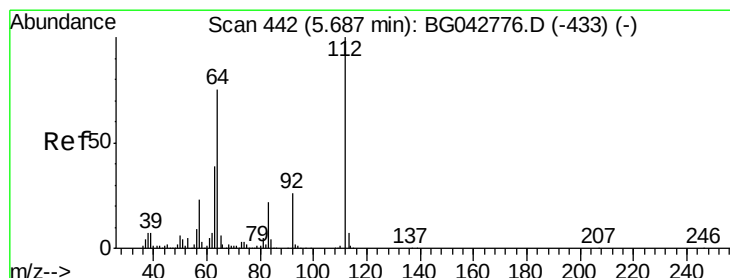
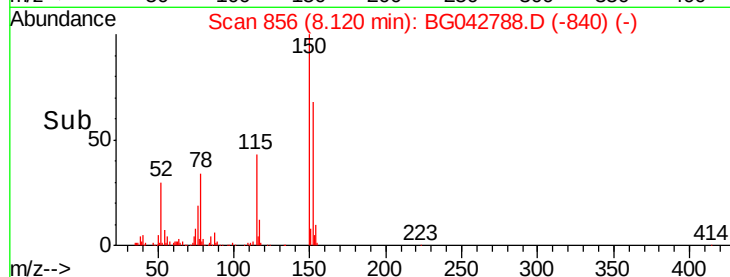
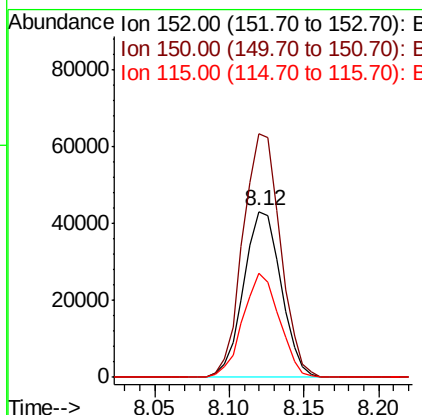
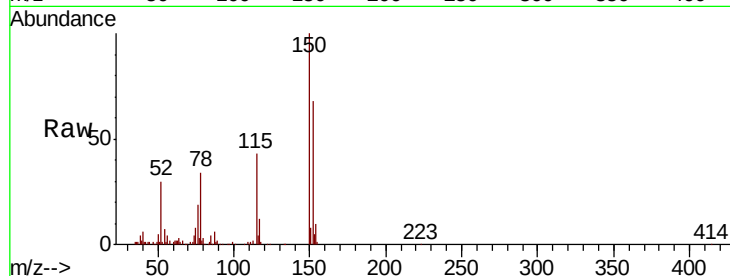


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BG042788.D
 Acq: 12 Sep 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 GIS-4(0-4)

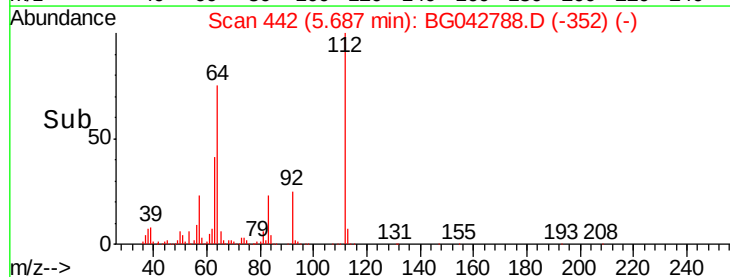
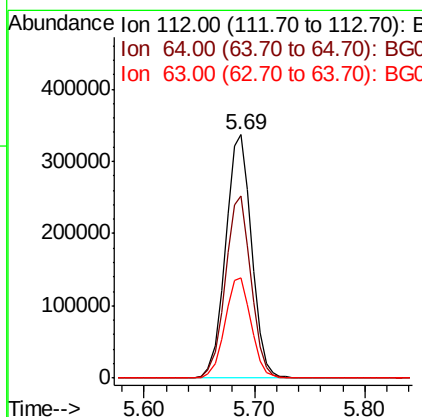
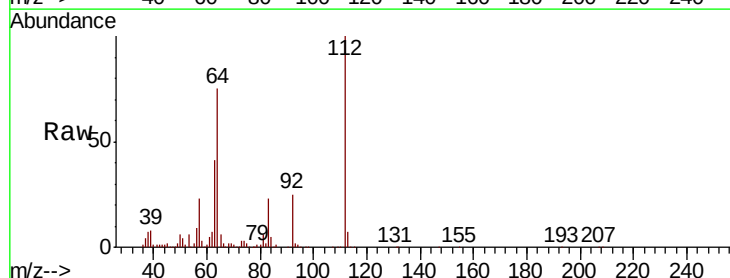
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	118.9	178.3
115	63.0	47.4	71.2

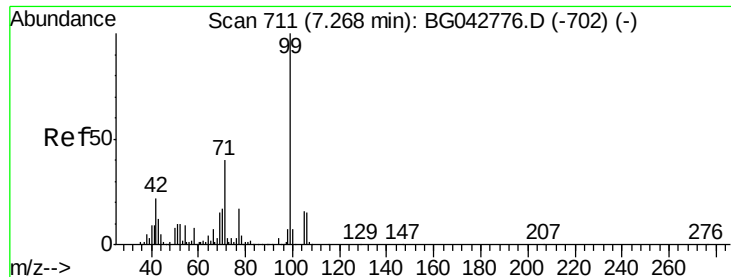


#5

2-Fluorophenol
 Concen: 128.899 ng
 RT: 5.69 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BG042788.D
 Acq: 12 Sep 2019 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	60.2	90.2
63	41.2	31.2	46.8





#7

Phenol-d6

Concen: 133.353 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042788.D

Acq: 12 Sep 2019 18:56

Instrument :

BNA_G

ClientSampleId :

GIS-4(0-4)

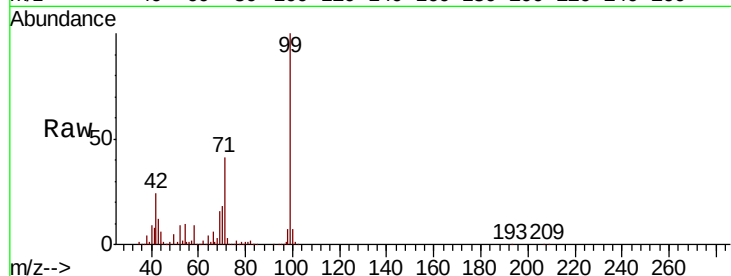
Tot Ion: 99 Resp: 824438

Ion Ratio Lower Upper

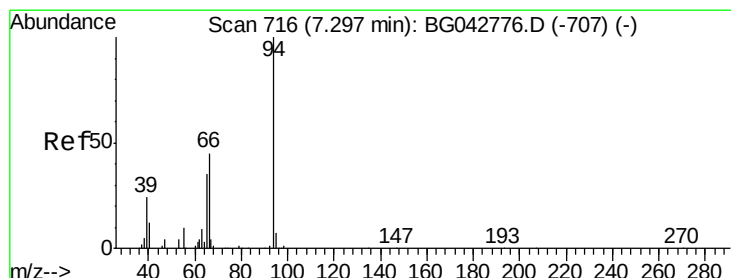
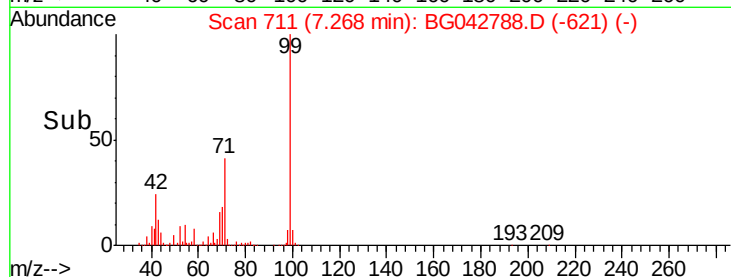
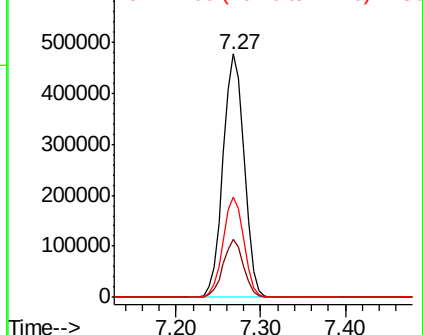
99 100

42 23.7 17.5 26.3

71 40.9 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: 3.181 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042788.D

Acq: 12 Sep 2019 18:56

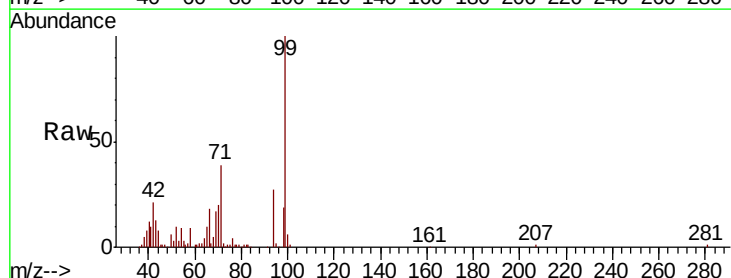
Tgt Ion: 94 Resp: 20166

Ion Ratio Lower Upper

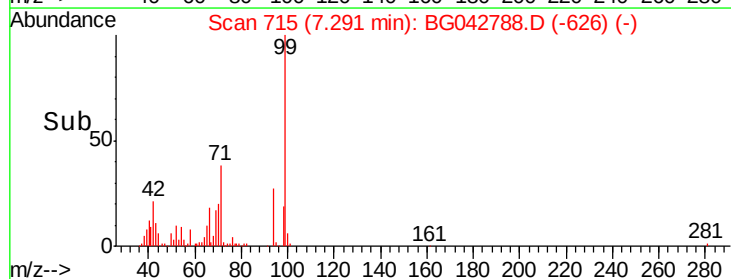
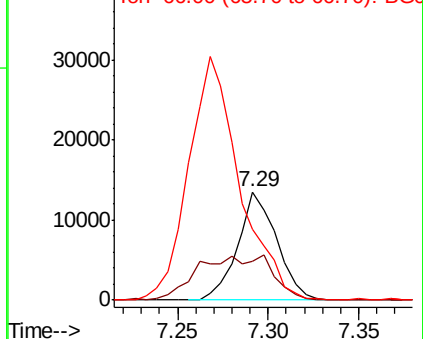
94 100

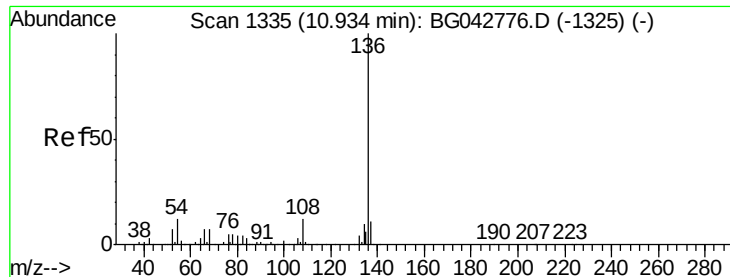
65 35.7 15.0 55.0

66 65.8 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

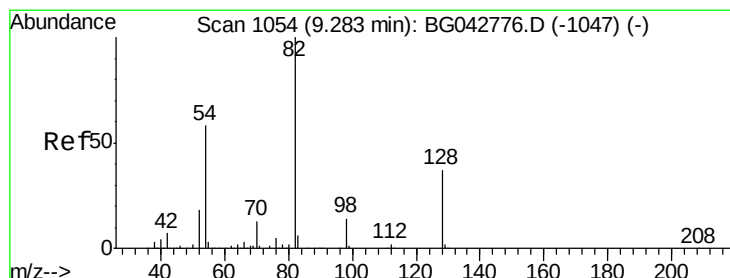
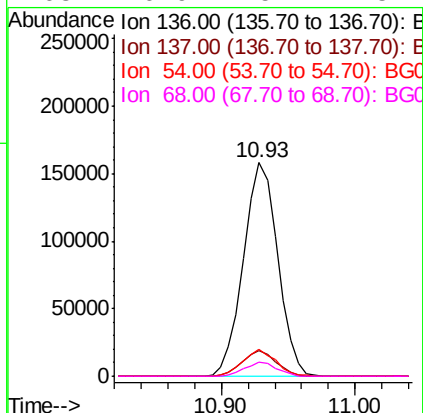
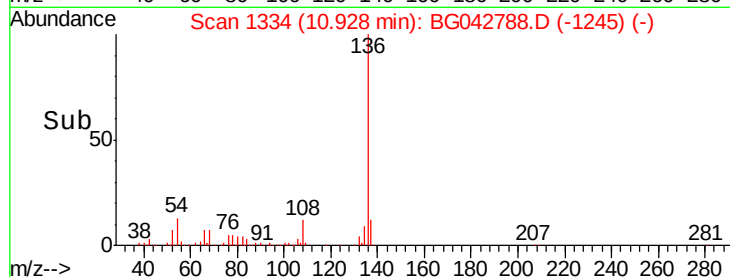
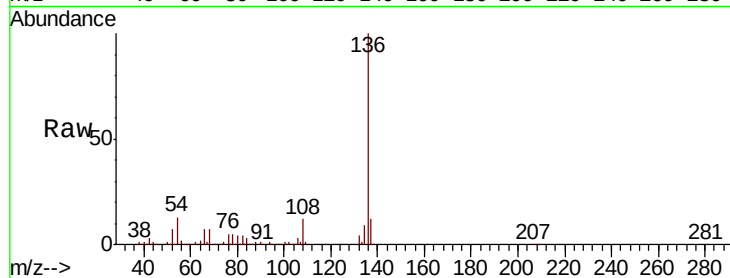




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042788.D
Acq: 12 Sep 2019 18:56

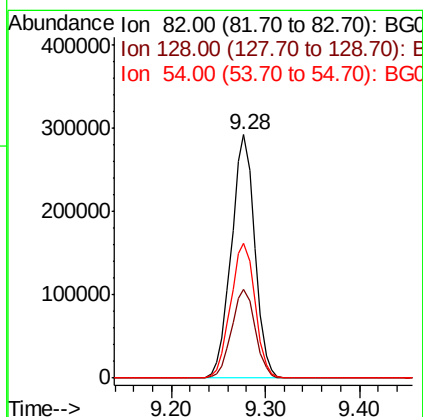
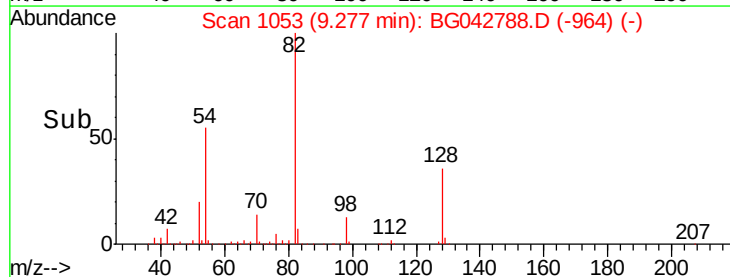
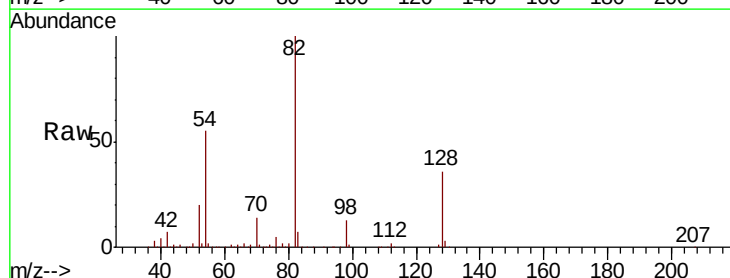
Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)

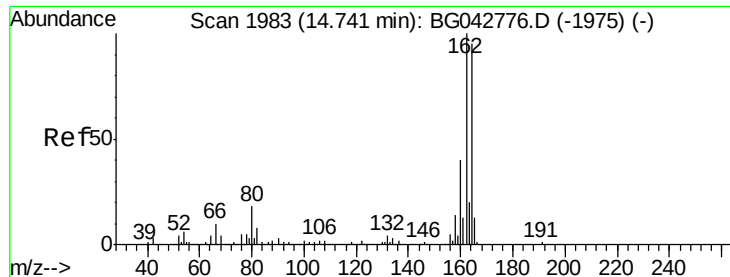
Tot Ion:136	Resp:	280588
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.0 13.6
54	12.7	9.4 14.0
68	6.9	5.4 8.2



#23
Nitrobenzene-d5
Concen: 93.715 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042788.D
Acq: 12 Sep 2019 18:56

Tgt Ion: 82	Resp:	505075
Ion	Ratio	Lower Upper
82	100	
128	36.5	29.8 44.8
54	55.4	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: BG042788.D

Acq: 12 Sep 2019 18:56

Instrument :

BNA_G

ClientSampleId :

GIS-4(0-4)

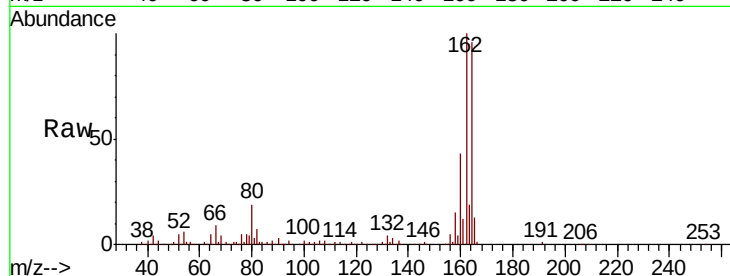
Tot Ion:164 Resp: 191154

Ion Ratio Lower Upper

164 100

162 104.5 84.6 126.8

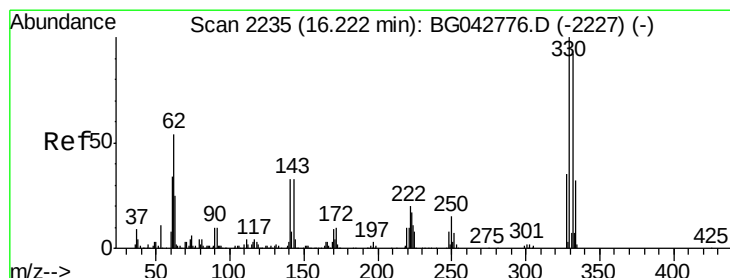
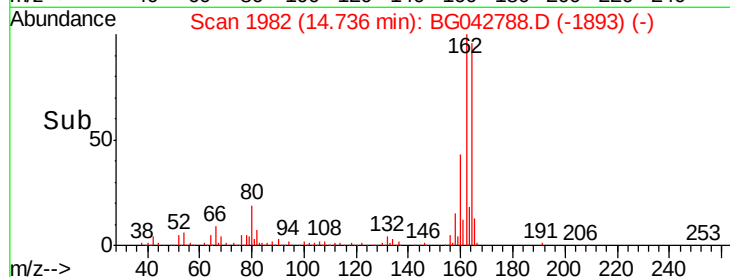
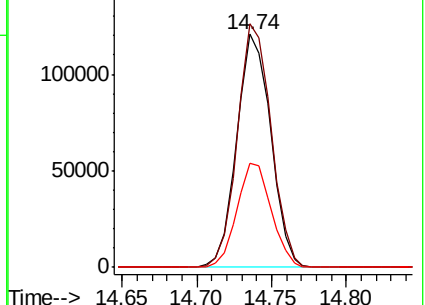
160 44.4 34.2 51.2



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: 134.815 ng

RT: 16.22 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BG042788.D

Acq: 12 Sep 2019 18:56

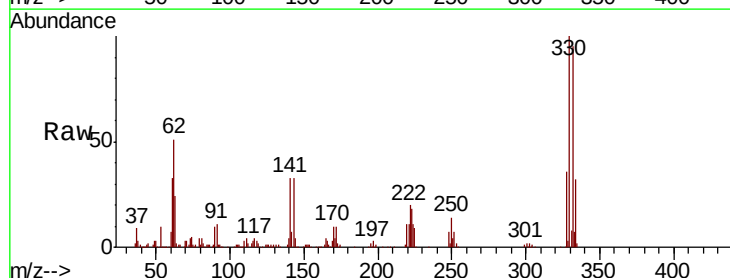
Tgt Ion:330 Resp: 342855

Ion Ratio Lower Upper

330 100

332 95.4 76.7 115.1

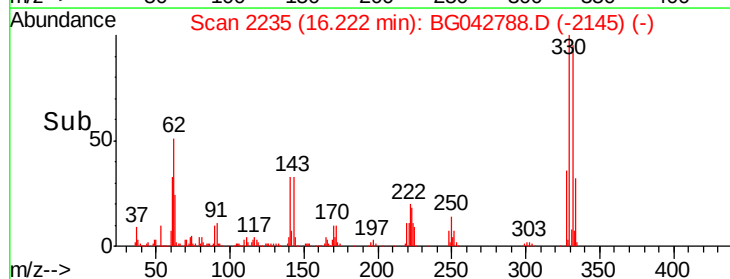
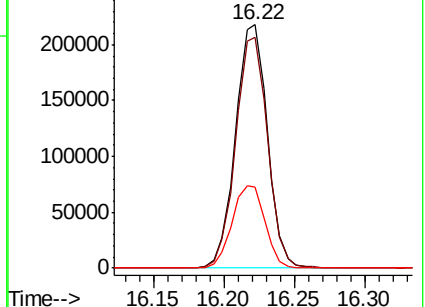
141 35.0 27.0 40.6

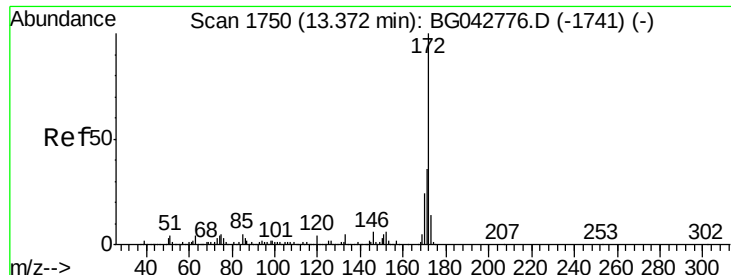


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

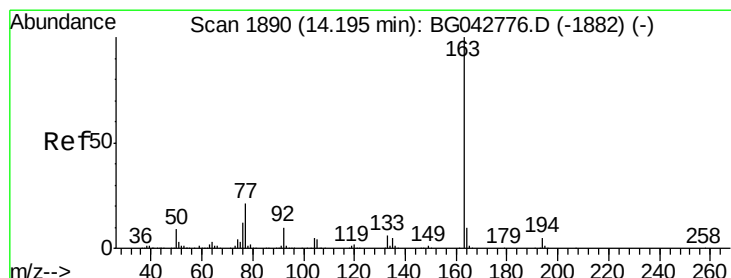
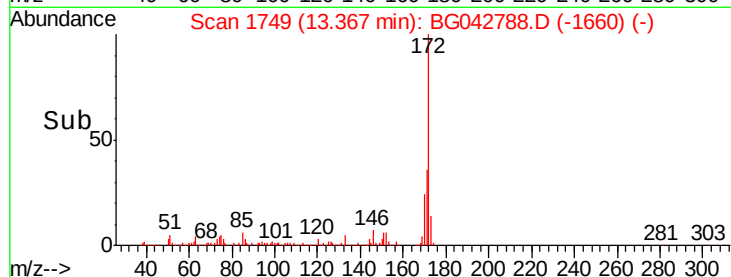
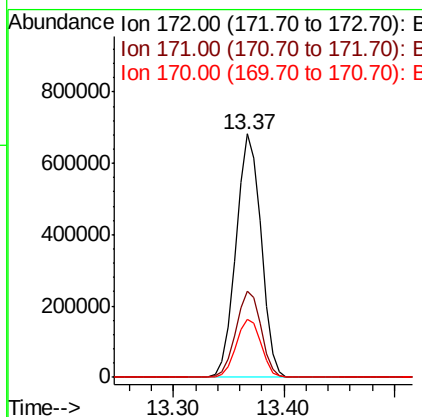
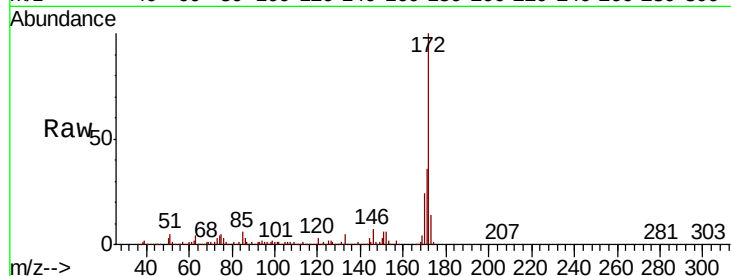




#45
2-Fluorobiphenyl
Concen: 90.111 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042788.D
Acq: 12 Sep 2019 18:56

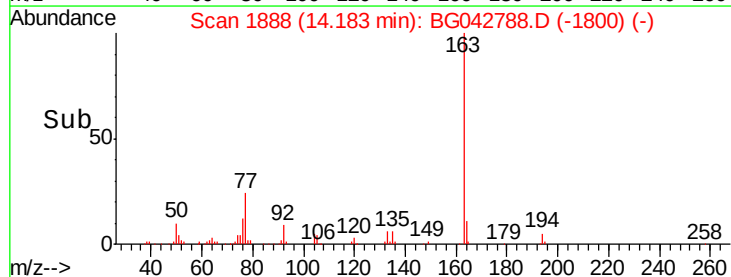
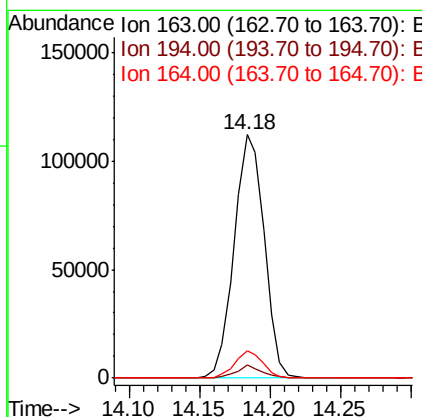
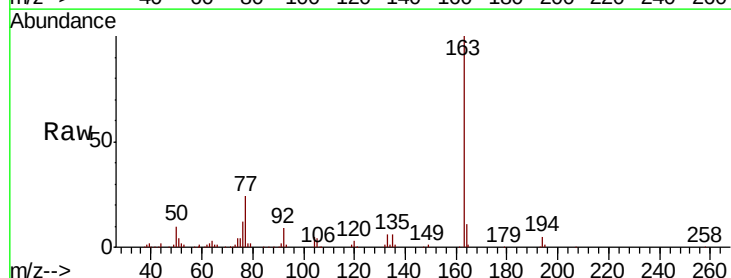
Instrument :
BNA_G
ClientSampleId :
GIS-4(0-4)

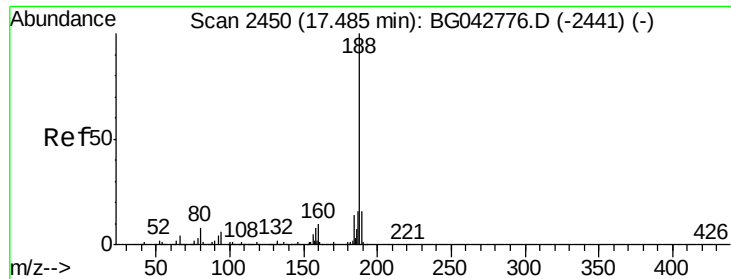
Tot Ion:172 Resp: 1088176
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.7 19.1 28.7



#50
Dimethylphthalate
Concen: 11.630 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042788.D
Acq: 12 Sep 2019 18:56

Tgt Ion:163 Resp: 166533
Ion Ratio Lower Upper
163 100
194 5.2 4.2 6.4
164 11.1 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: BG042788.D

Acq: 12 Sep 2019 18:56

Instrument :

BNA_G

ClientSampleId :

GIS-4(0-4)

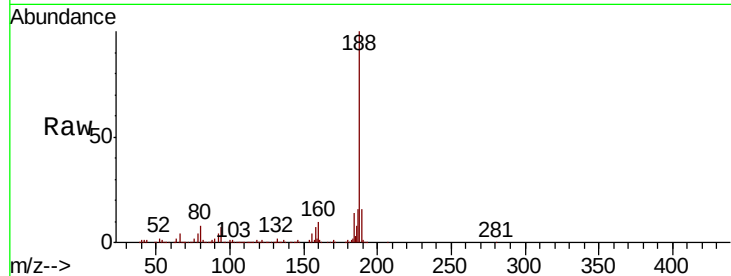
Tot Ion:188 Resp: 455936

Ion Ratio Lower Upper

188 100

94 7.1 4.8 7.2

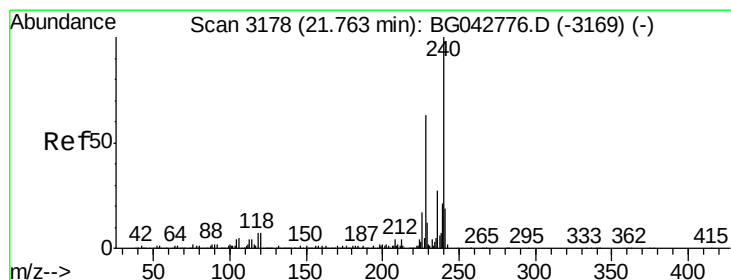
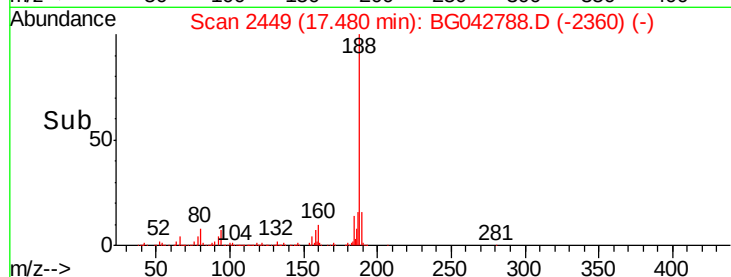
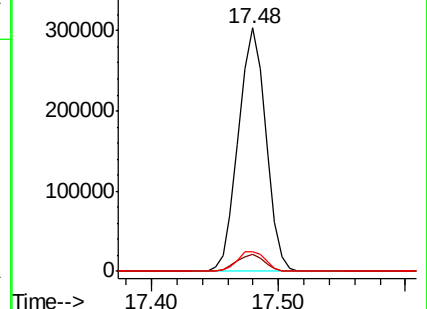
80 7.9 6.6 9.8



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: BG042788.D

Acq: 12 Sep 2019 18:56

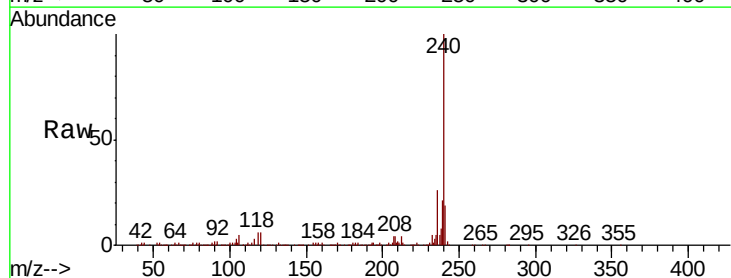
Tgt Ion:240 Resp: 490798

Ion Ratio Lower Upper

240 100

120 6.0 5.4 8.2

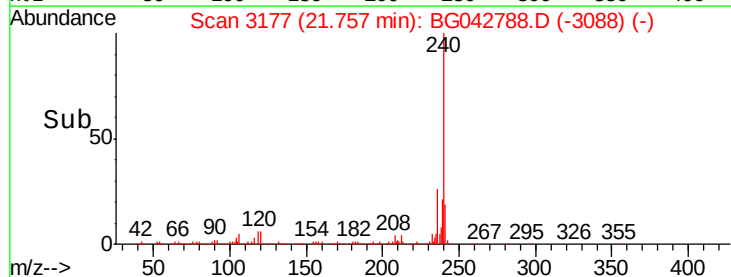
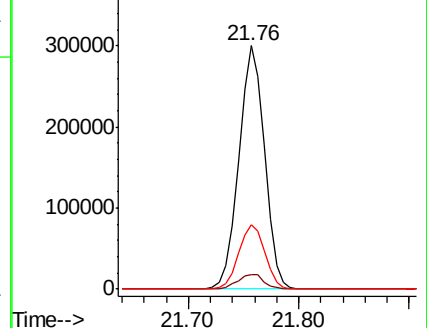
236 26.4 21.7 32.5

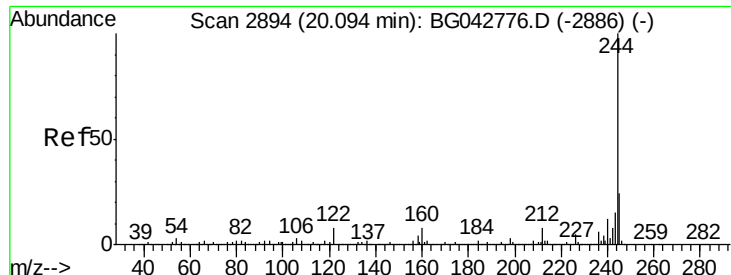


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.674 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042788.D

Acq: 12 Sep 2019 18:56

Instrument :

BNA_G

ClientSampleId :

GIS-4(0-4)

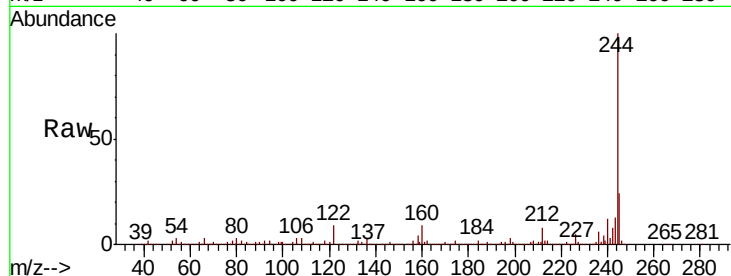
Tot Ion:244 Resp: 1941542

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

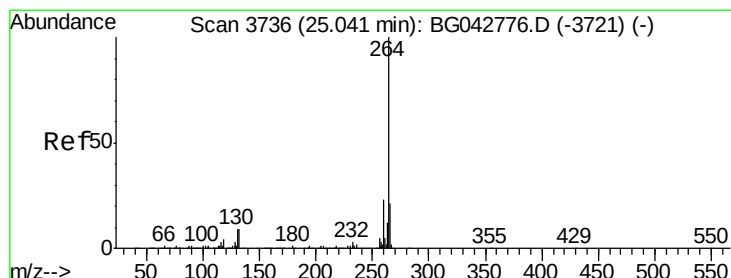
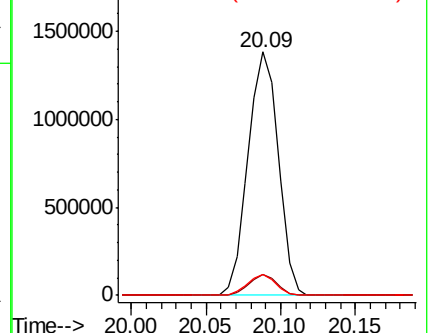
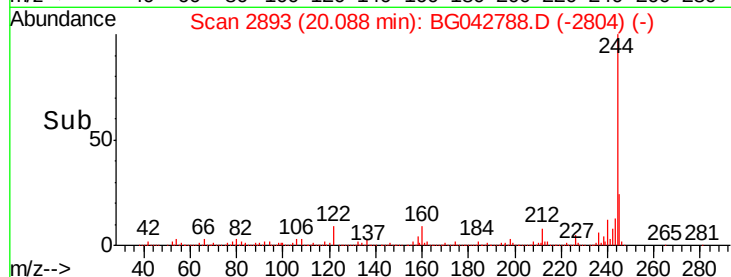
122 8.7 6.2 9.4



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: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042788.D

Acq: 12 Sep 2019 18:56

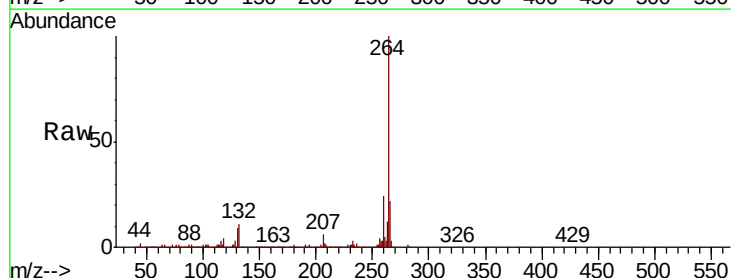
Tgt Ion:264 Resp: 536807

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.2

265 22.2 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

