

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044024.D
 Acq On : 13 Jan 2020 22:57
 Operator : JU
 Sample : L1074-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CIY1-GW-102-13.5

Quant Time: Jan 14 10:36:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

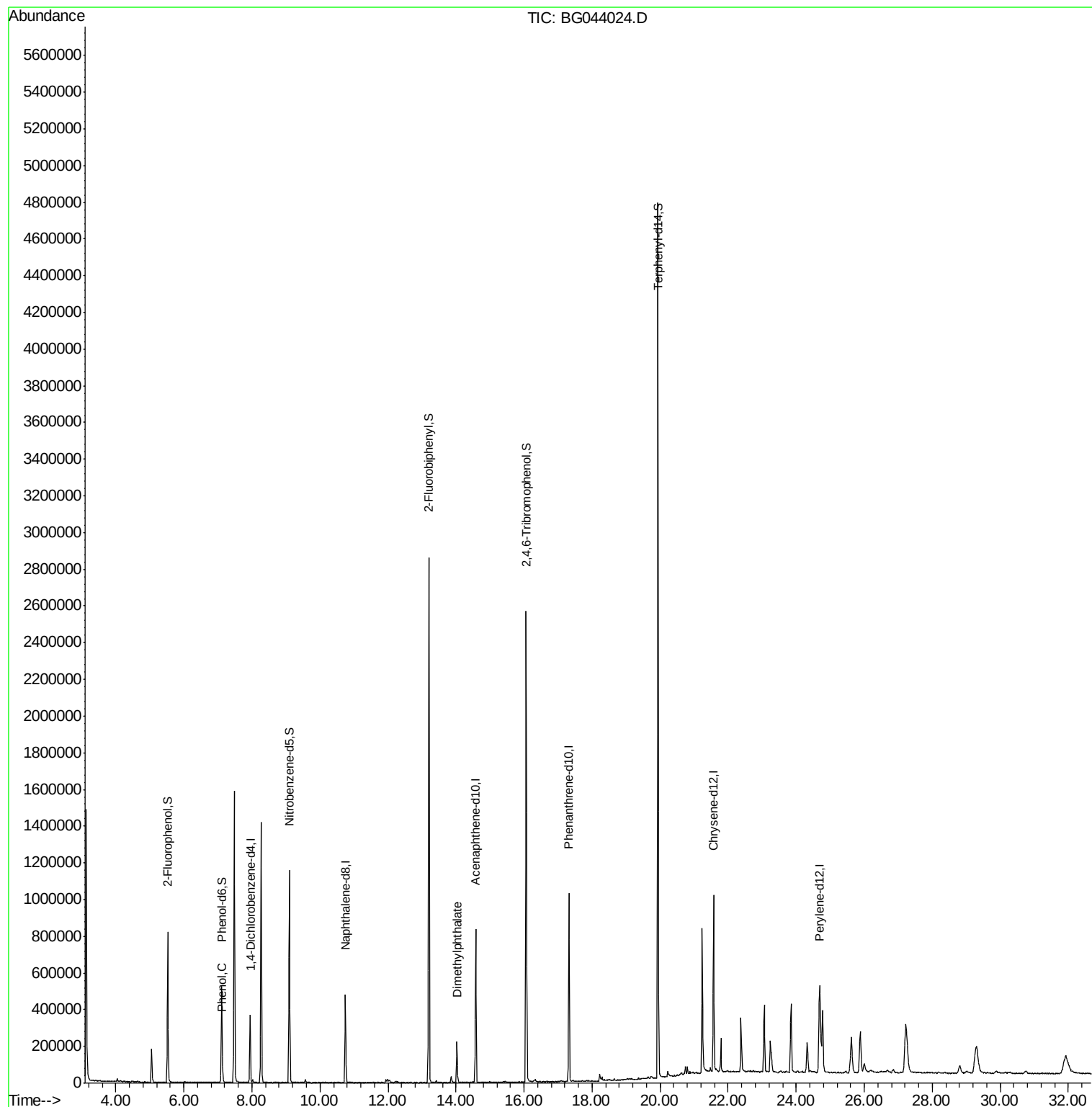
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	109570	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	448899	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	286811	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	631384	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	574769	20.00	ng	-0.02
87) Perylene-d12	24.69	264	631482	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	403559	67.63	ng	-0.02
7) Phenol-d6	7.11	99	341409	40.93	ng	-0.02
23) Nitrobenzene-d5	9.10	82	731087	87.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.06	330	478093	159.29	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1531751	96.76	ng	-0.02
79) Terphenyl-d14	19.93	244	2369661	105.72	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	27303	3.177	ng	94
50) Dimethylphthalate	14.03	163	163310	8.019	ng	97

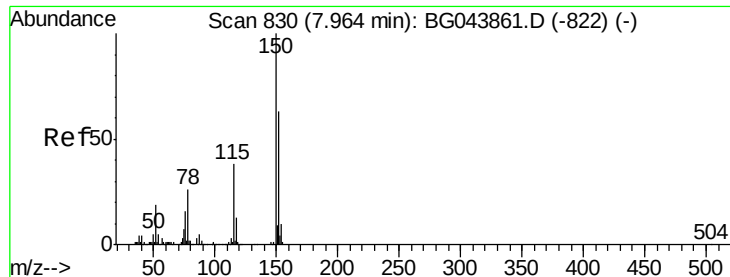
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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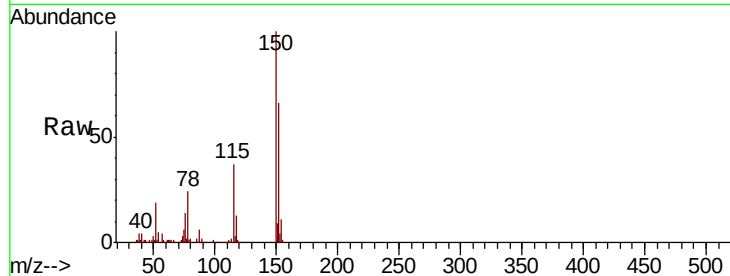


#1

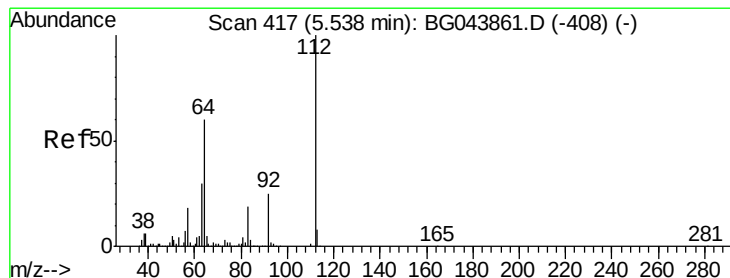
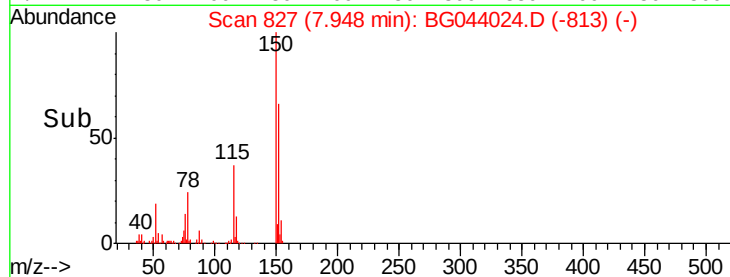
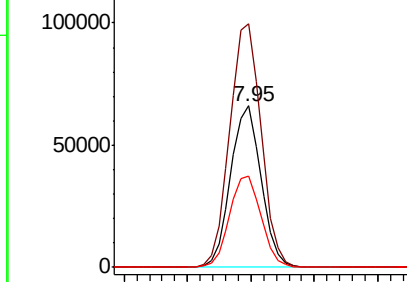
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044024.D
Acq: 13 Jan 2020 22:57

Instrument :
BNA_G
ClientSampleId :
CIY1-GW-102-13.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	127.0	190.4
115	56.2	47.8	71.8



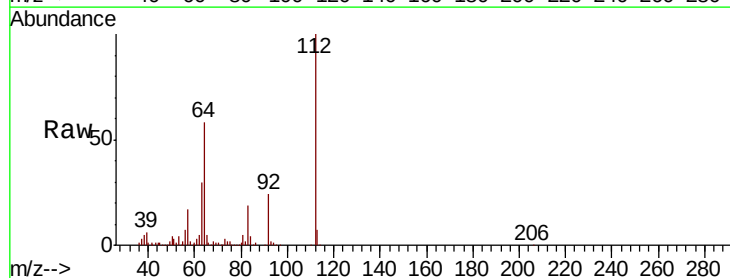
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



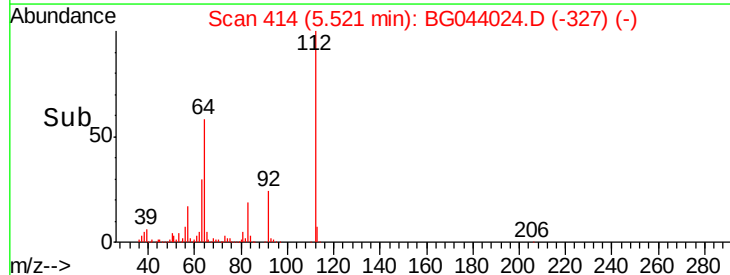
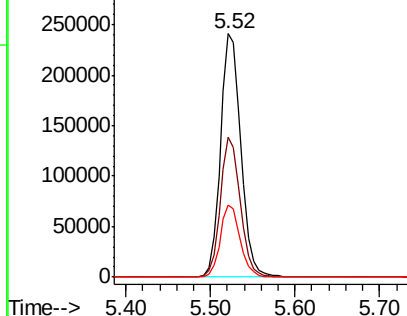
#5

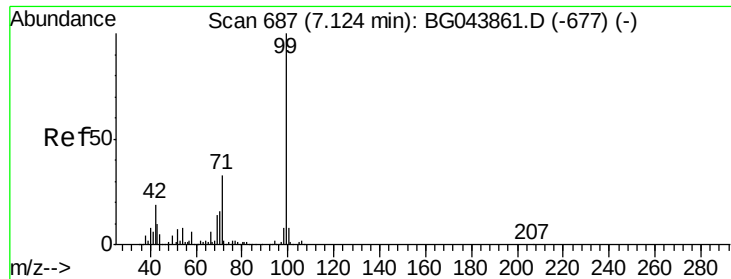
2-Fluorophenol
Concen: 67.626 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044024.D
Acq: 13 Jan 2020 22:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.8	71.6
63	29.6	24.3	36.5



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: 40.929 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044024.D

Acq: 13 Jan 2020 22:57

Instrument :

BNA_G

ClientSampleId :

CIY1-GW-102-13.5

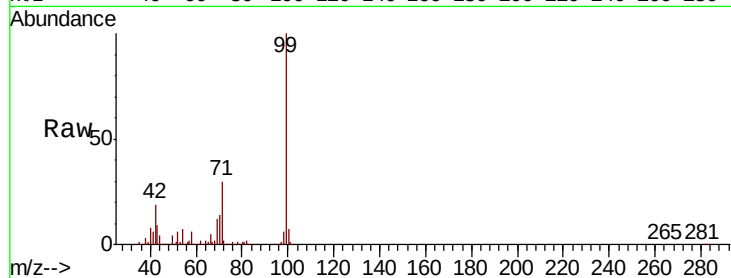
Tot Ion: 99 Resp: 341409

Ion Ratio Lower Upper

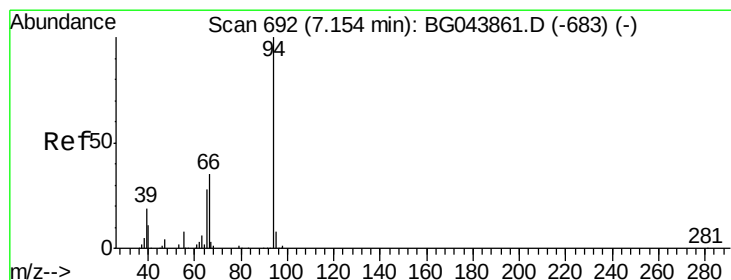
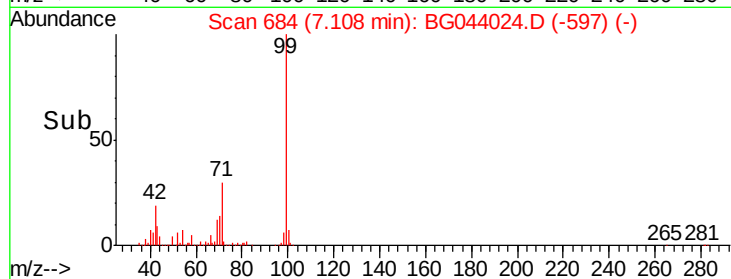
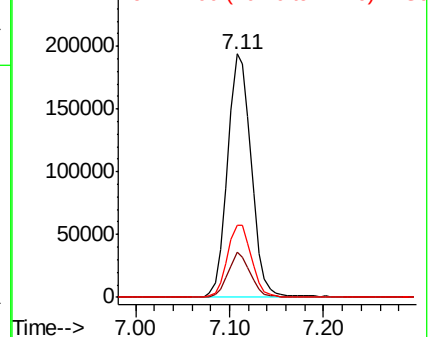
99 100

42 18.6 14.9 22.3

71 29.7 26.4 39.6



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: 3.177 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044024.D

Acq: 13 Jan 2020 22:57

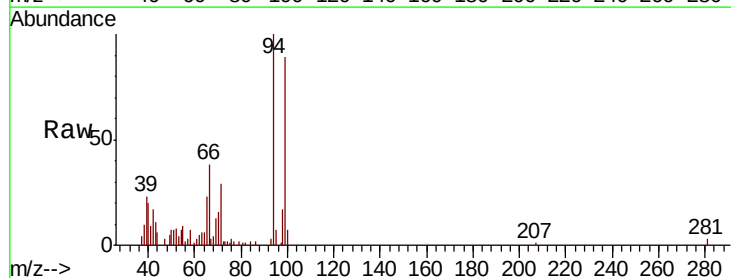
Tgt Ion: 94 Resp: 27303

Ion Ratio Lower Upper

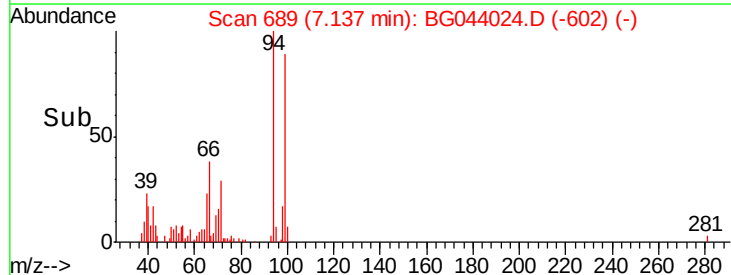
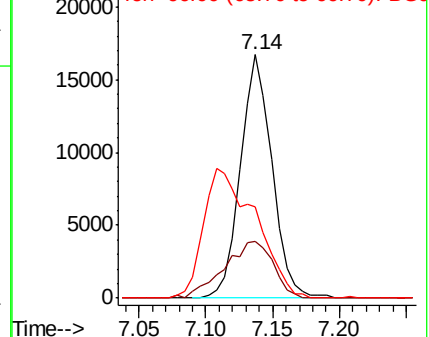
94 100

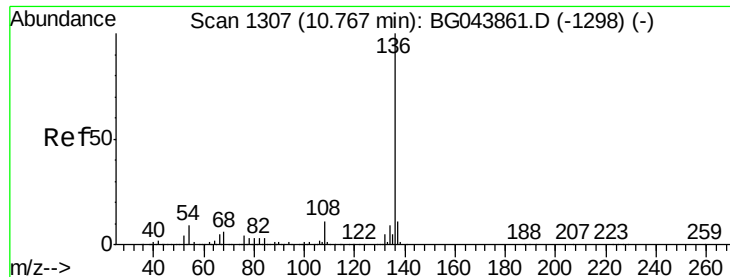
65 23.3 8.1 48.1

66 37.7 15.6 55.6



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

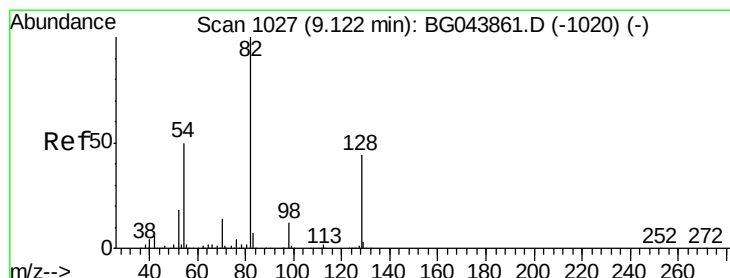
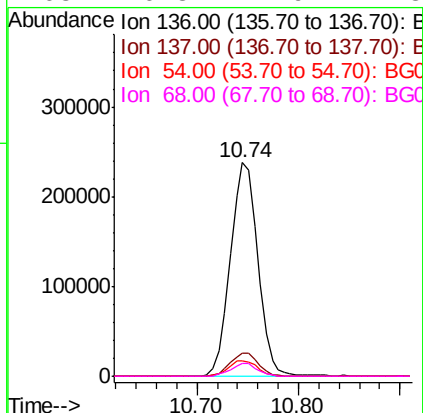
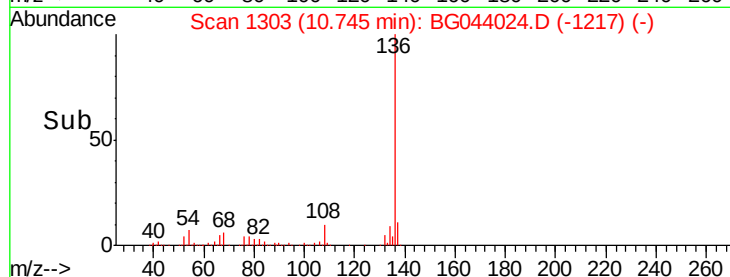
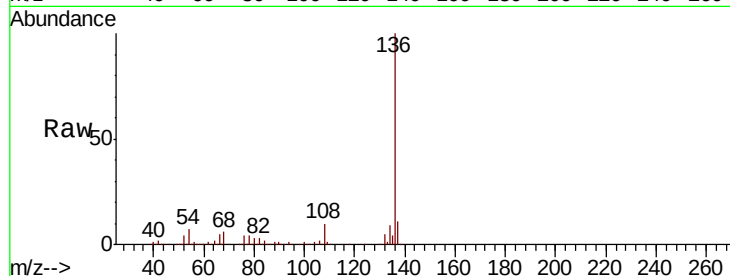




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044024.D
Acq: 13 Jan 2020 22:57

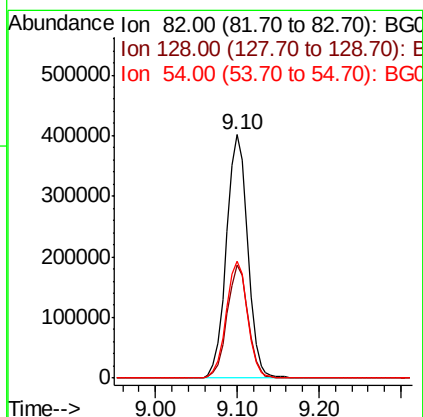
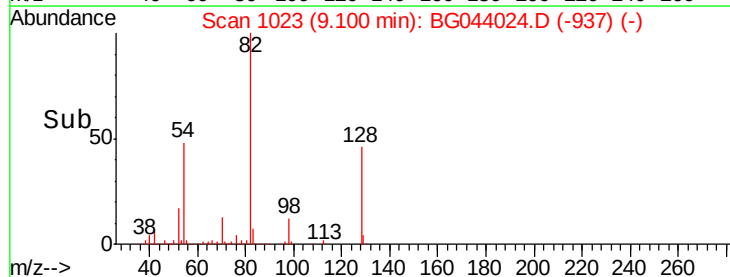
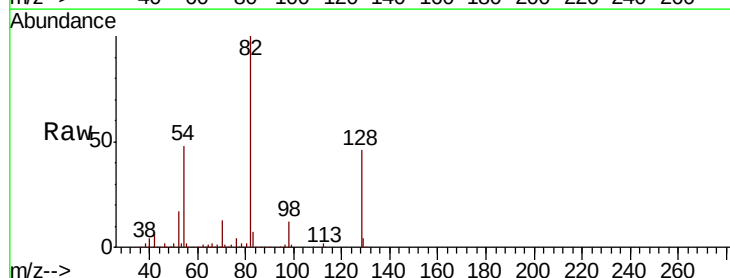
Instrument :
BNA_G
ClientSampleId :
CIY1-GW-102-13.5

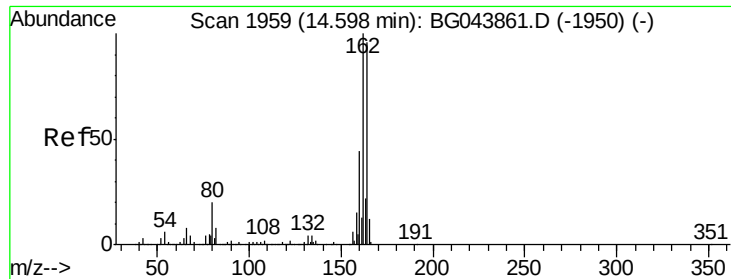
Tot Ion:136	Resp:	448899
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 7.5	7.0	10.4
68 6.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 87.125 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044024.D
Acq: 13 Jan 2020 22:57

Tgt	Ion: 82	Resp:	731087
Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.1	52.7
54	48.0	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044024.D

Acq: 13 Jan 2020 22:57

Instrument :

BNA_G

ClientSampleId :

CIY1-GW-102-13.5

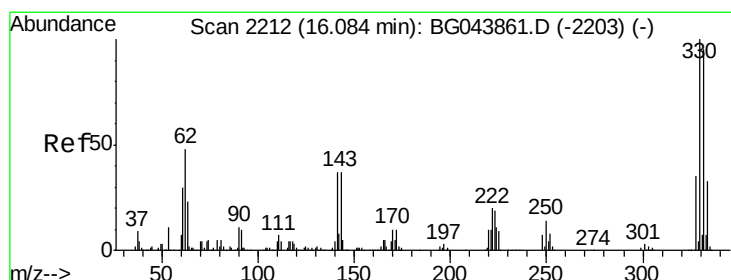
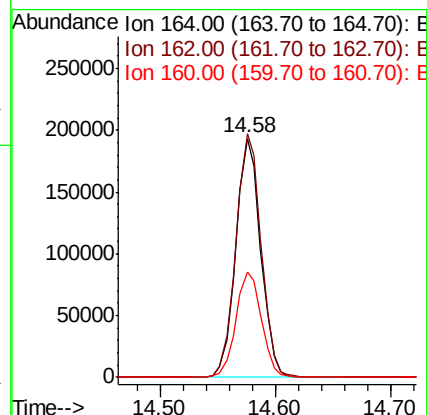
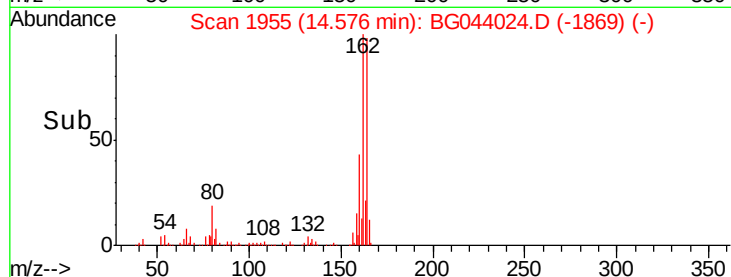
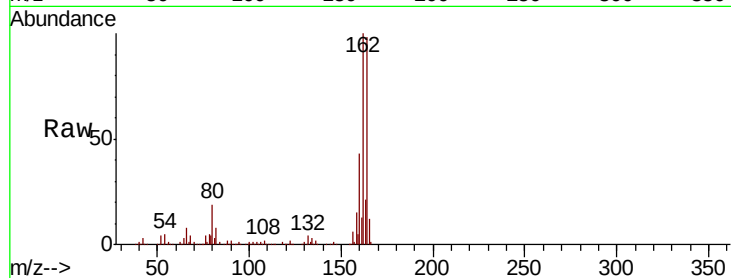
Tot Ion:164 Resp: 286811

Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.4

160 44.4 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 159.289 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044024.D

Acq: 13 Jan 2020 22:57

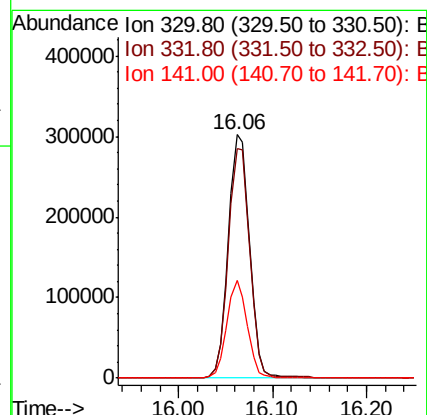
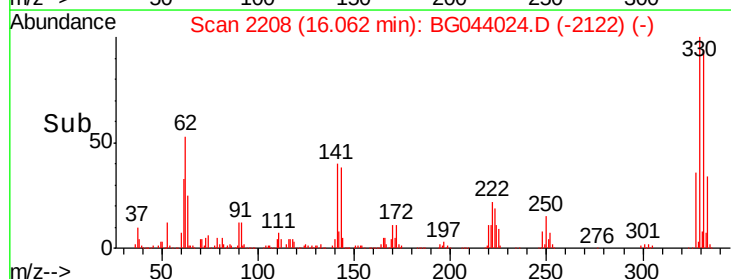
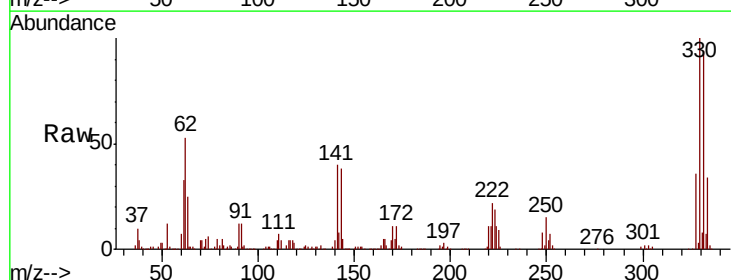
Tgt Ion:330 Resp: 478093

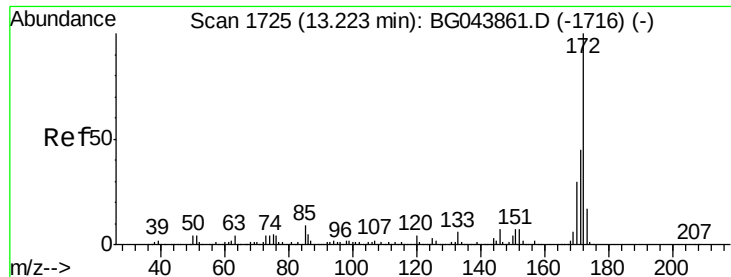
Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

141 38.5 33.1 49.7

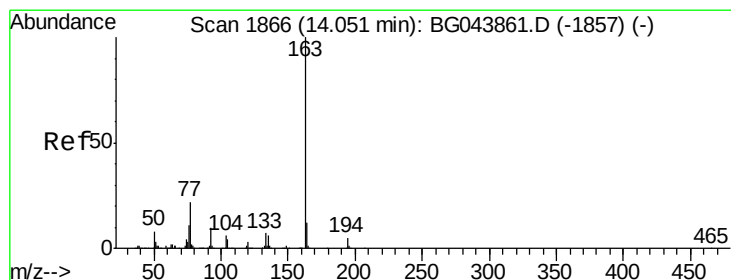
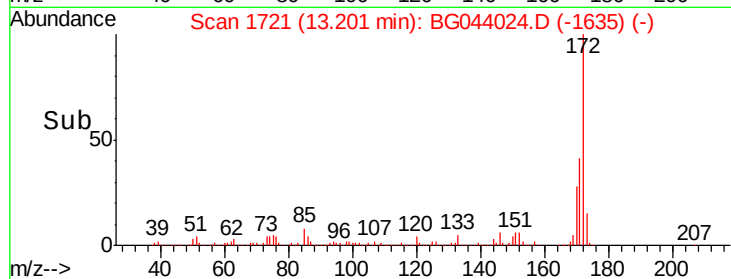
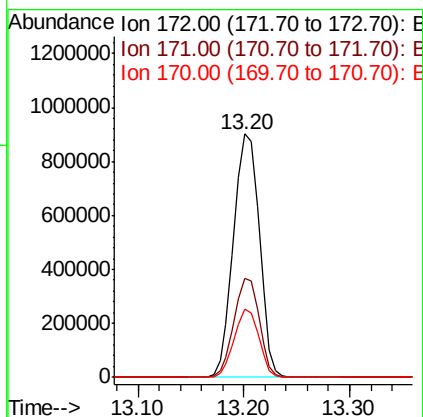
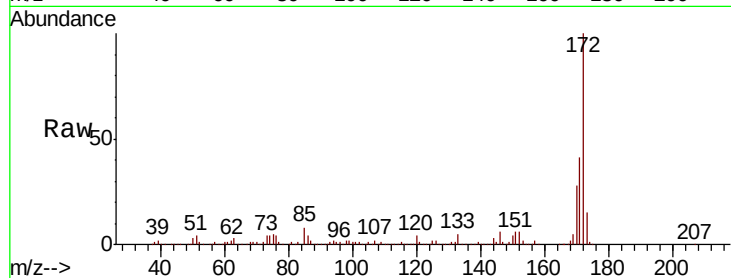




#45
2-Fluorobiphenyl
Concen: 96.760 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044024.D
Acq: 13 Jan 2020 22:57

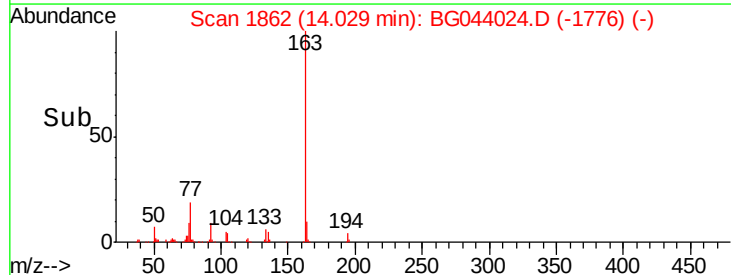
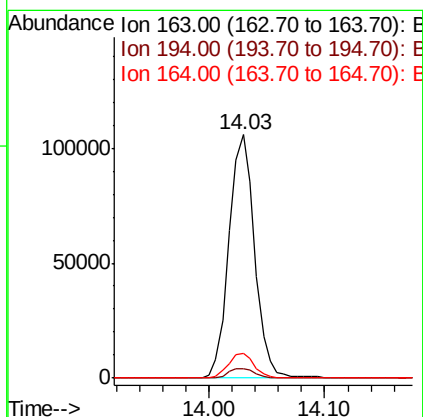
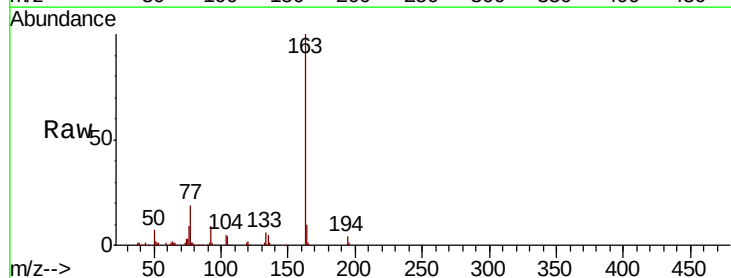
Instrument :
BNA_G
ClientSampleId :
CIY1-GW-102-13.5

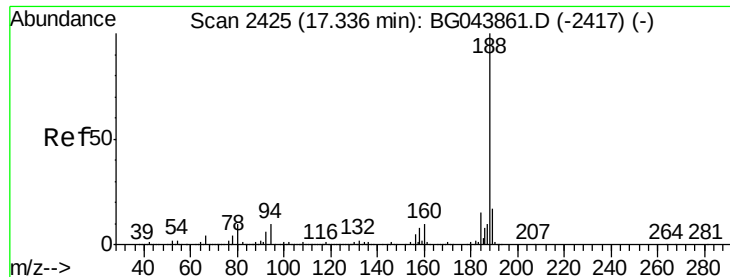
Tot Ion:172 Resp: 1531751
Ion Ratio Lower Upper
172 100
171 40.7 35.8 53.8
170 27.9 24.2 36.4



#50
Dimethylphthalate
Concen: 8.019 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044024.D
Acq: 13 Jan 2020 22:57

Tgt Ion:163 Resp: 163310
Ion Ratio Lower Upper
163 100
194 3.9 3.7 5.5
164 10.2 9.3 13.9

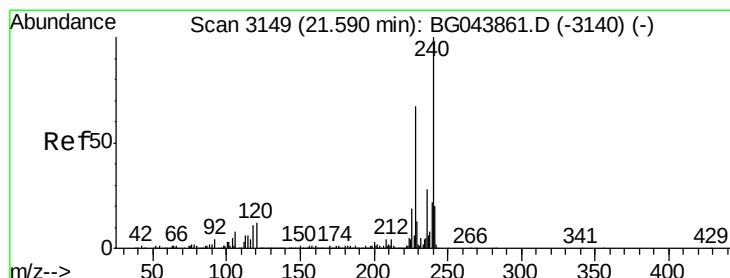
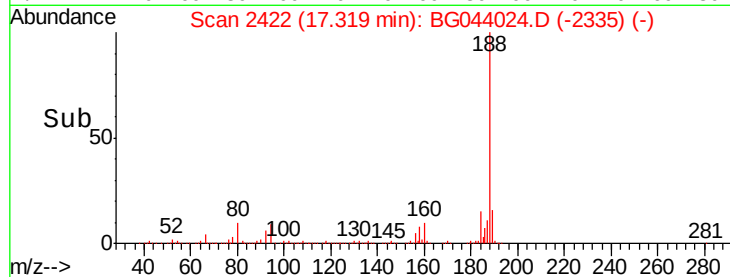
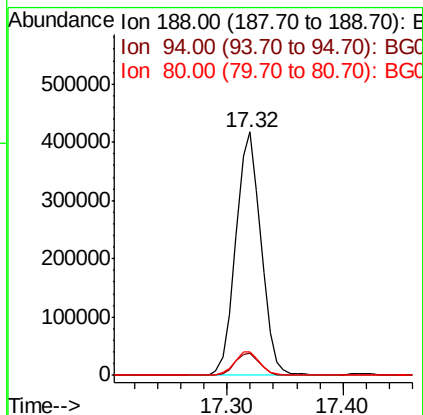
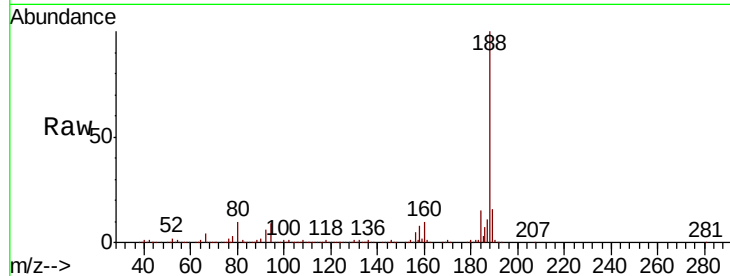




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044024.D
Acq: 13 Jan 2020 22:57

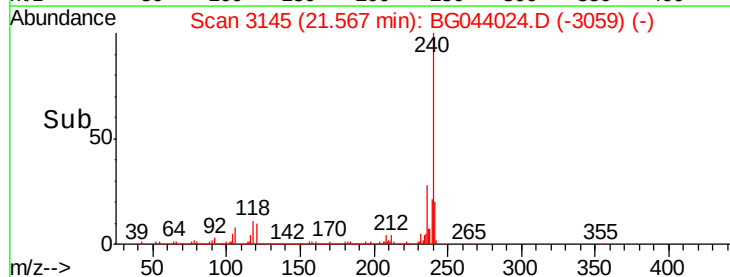
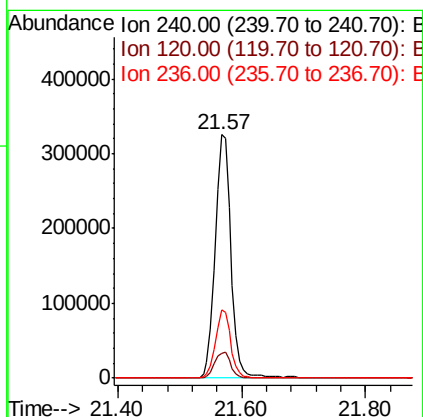
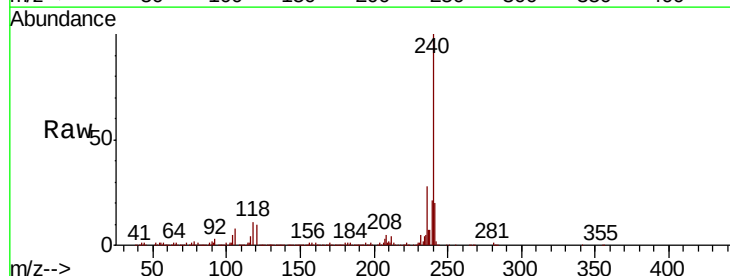
Instrument :
BNA_G
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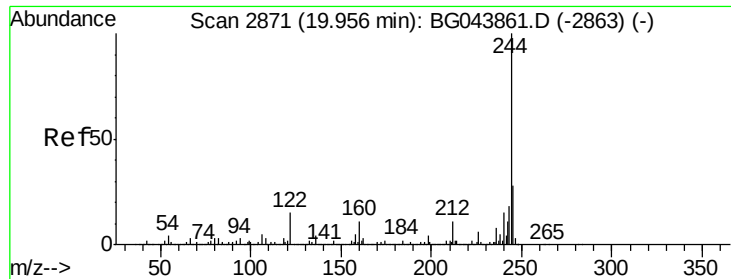
Tot Ion:188 Resp: 631384
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 9.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG044024.D
Acq: 13 Jan 2020 22:57

Tgt Ion:240 Resp: 574769
Ion Ratio Lower Upper
240 100
120 10.4 9.6 14.4
236 28.3 22.2 33.2





#79

Terphenyl-d14

Concen: 105.717 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044024.D

Acq: 13 Jan 2020 22:57

Instrument :

BNA_G

ClientSampleId :

CIY1-GW-102-13.5

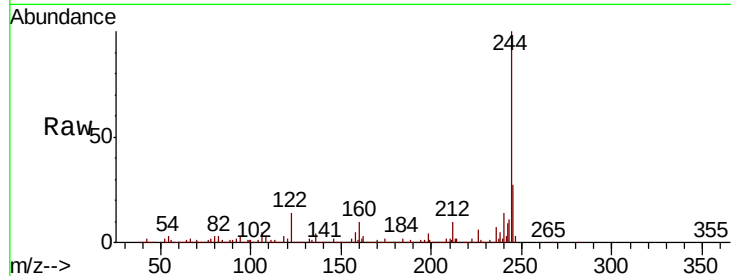
Tot Ion:244 Resp: 2369661

Ion Ratio Lower Upper

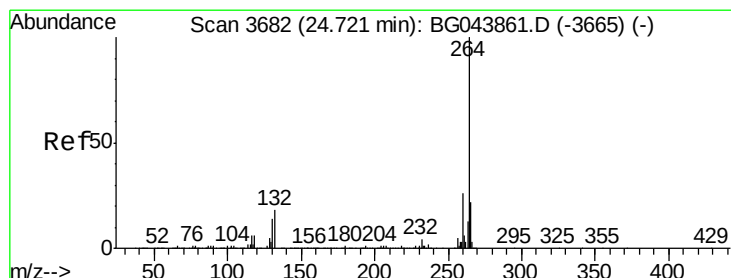
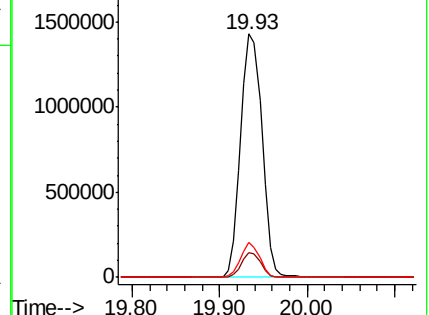
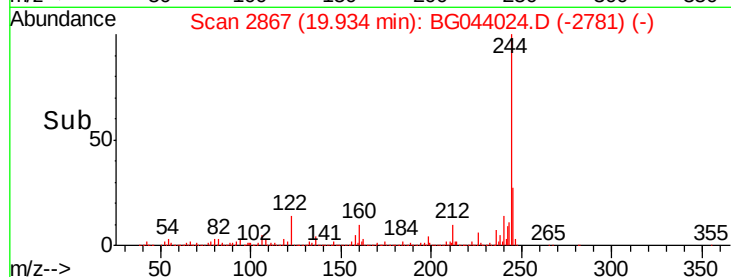
244 100

212 10.3 8.6 13.0

122 14.4 11.9 17.9



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: 24.69 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG044024.D

Acq: 13 Jan 2020 22:57

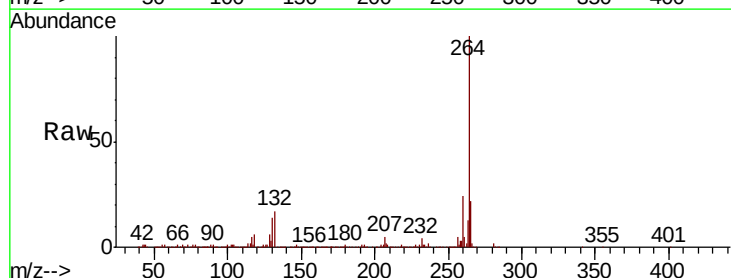
Tgt Ion:264 Resp: 631482

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 21.9 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

