

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
 Data File : BG044086.D
 Acq On : 17 Jan 2020 22:34
 Operator : JU
 Sample : L1162-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CBH-140

Quant Time: Jan 18 04:11:56 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

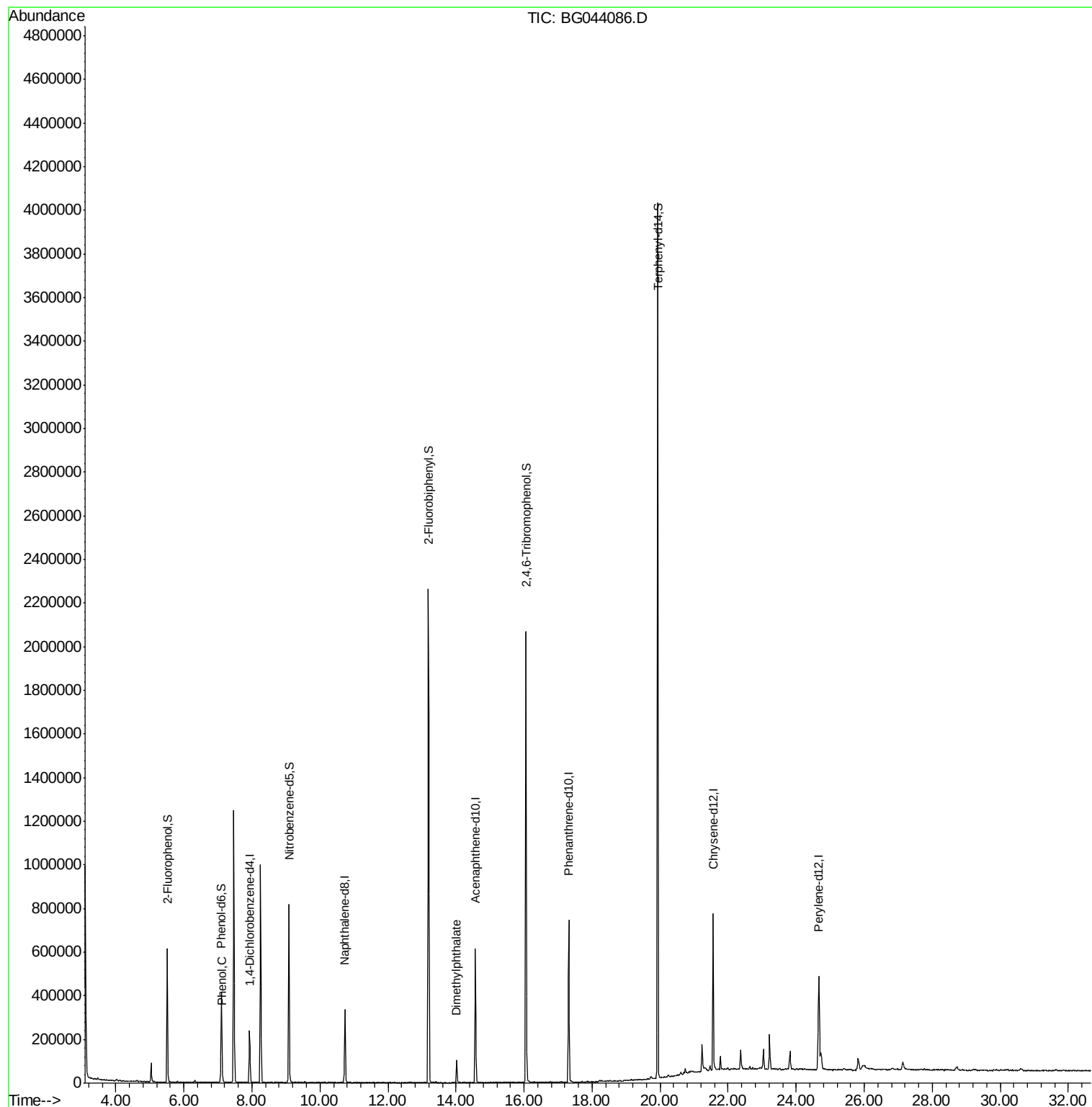
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	69888	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	309510	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	220903	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	475153	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	406247	20.00	ng	-0.03
87) Perylene-d12	24.66	264	443643	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	300832	79.04	ng	-0.03
7) Phenol-d6	7.10	99	263623	49.55	ng	-0.02
23) Nitrobenzene-d5	9.09	82	521112	90.07	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	387445	167.60	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1252869	102.76	ng	-0.03
79) Terphenyl-d14	19.93	244	1843225	121.73	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	21917	3.998	ng	96
50) Dimethylphthalate	14.02	163	78748	5.021	ng	# 94

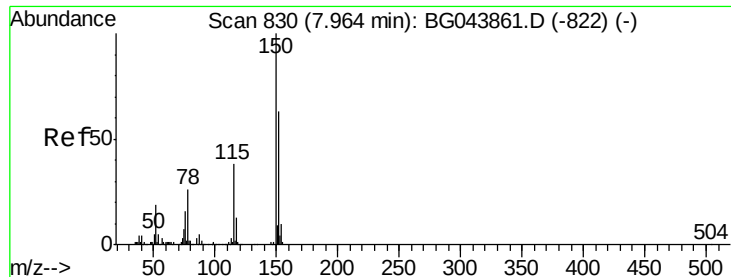
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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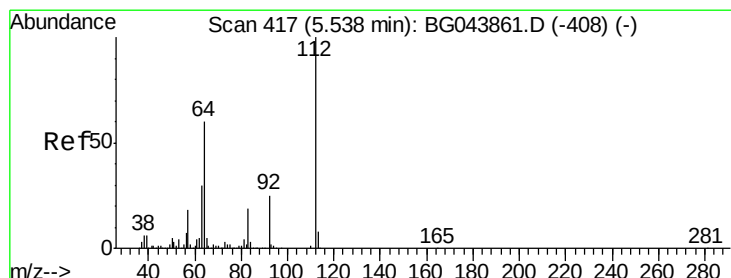
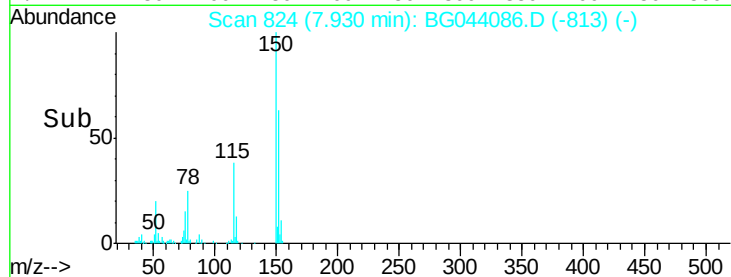
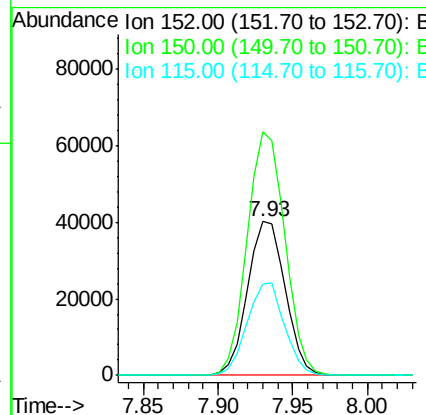
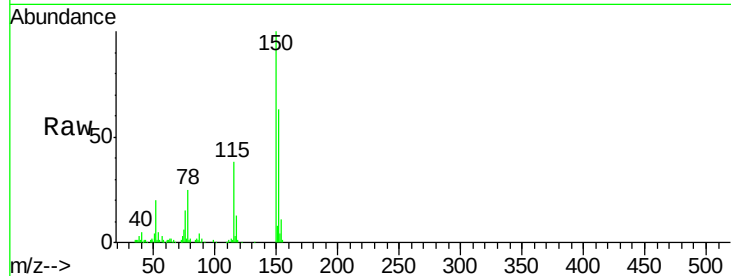


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
CBH-140

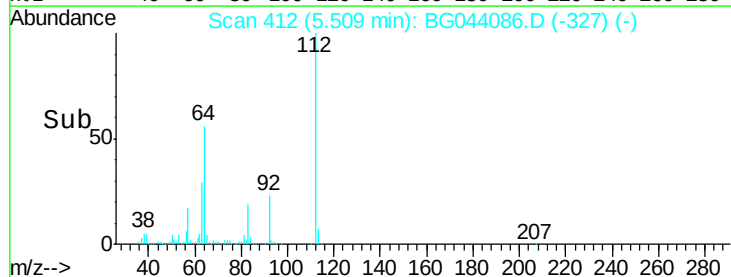
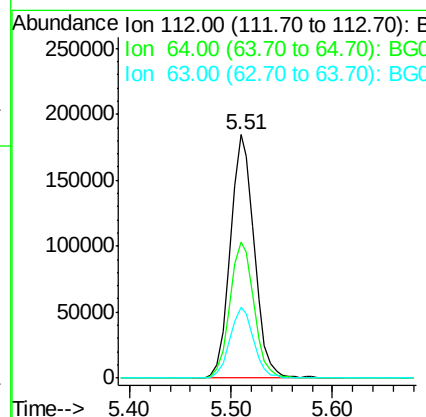
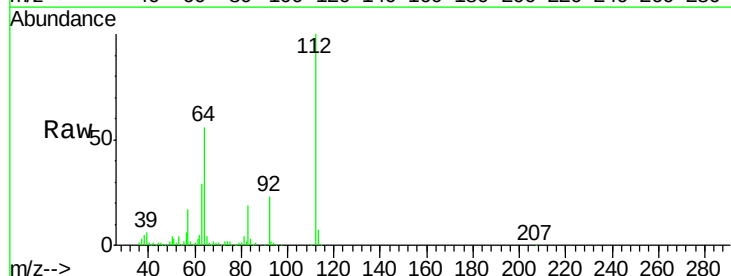
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.0	190.4
115	59.5	47.8	71.8

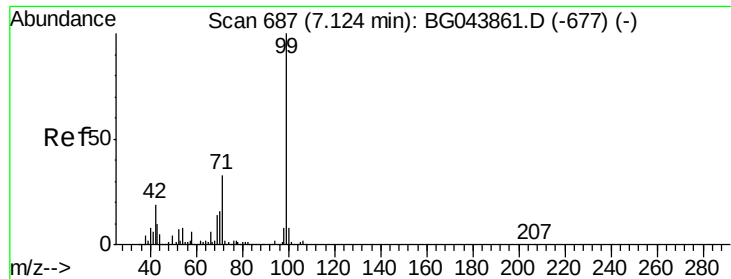


#5

2-Fluorophenol
Concen: 79.036 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.8	71.6
63	29.1	24.3	36.5





#7

Phenol-d6

Concen: 49.549 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044086.D

Acq: 17 Jan 2020 22:34

Instrument :

BNA_G

ClientSampleId :

CBH-140

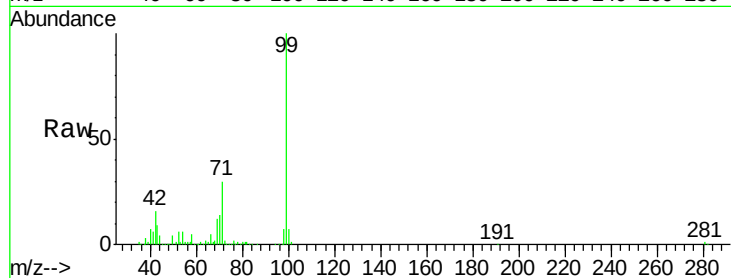
Tot Ion: 99 Resp: 263623

Ion Ratio Lower Upper

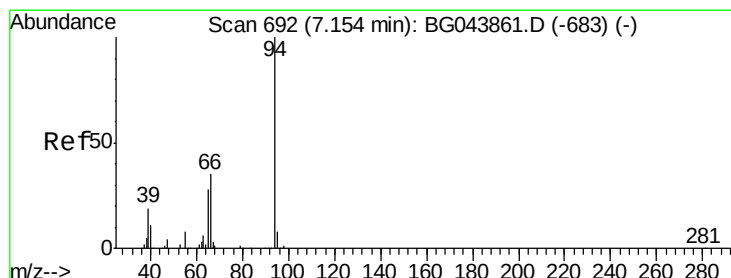
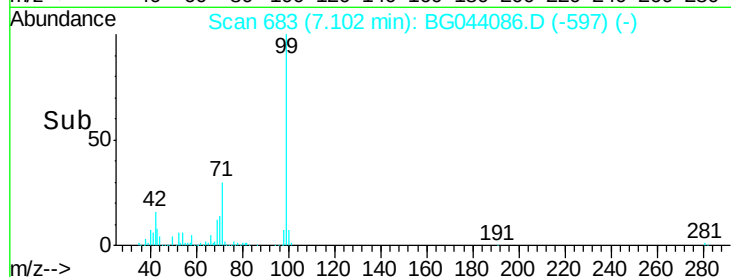
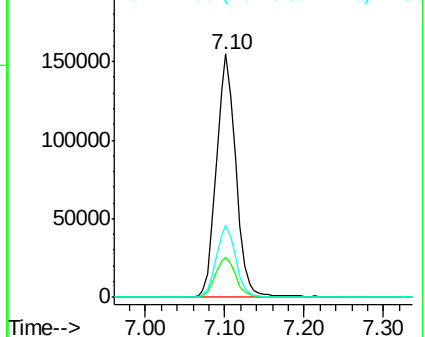
99 100

42 16.5 14.9 22.3

71 29.5 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: 3.998 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044086.D

Acq: 17 Jan 2020 22:34

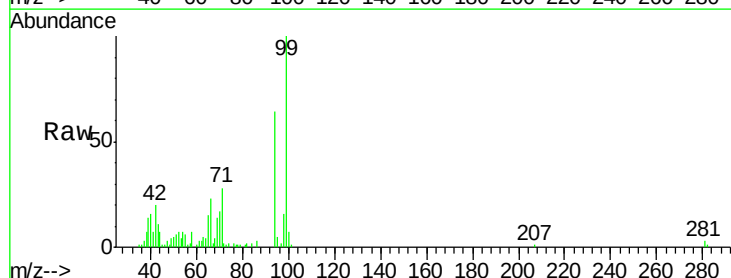
Tgt Ion: 94 Resp: 21917

Ion Ratio Lower Upper

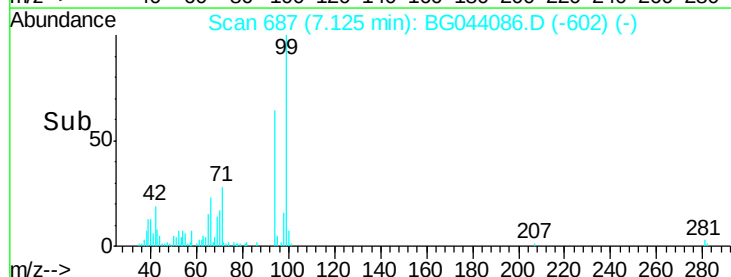
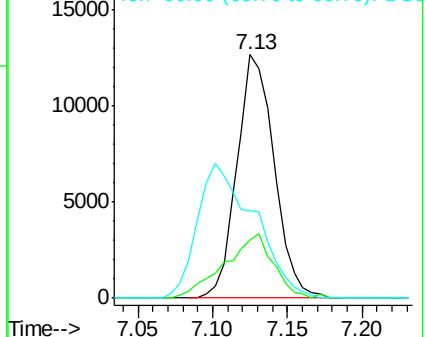
94 100

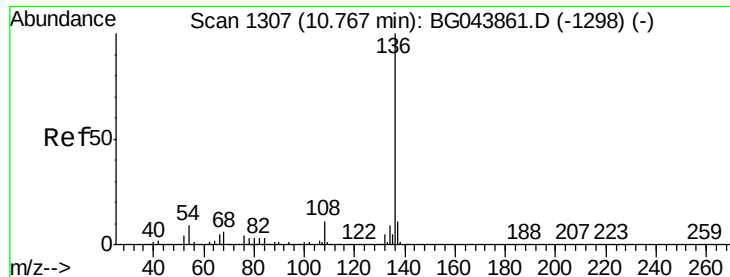
65 23.9 8.1 48.1

66 36.1 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

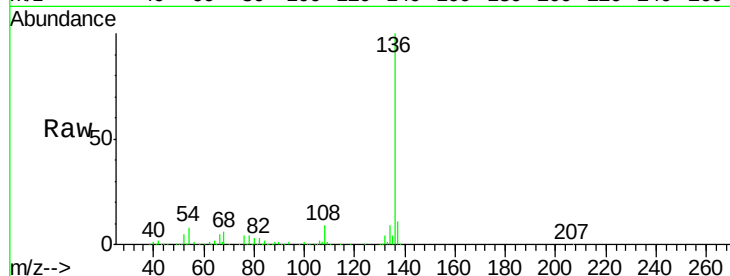




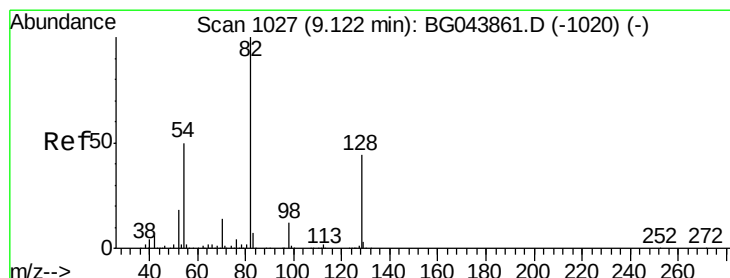
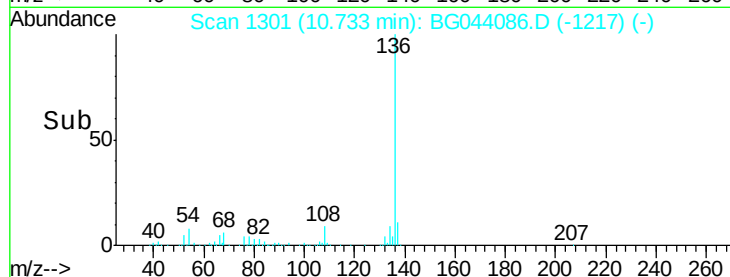
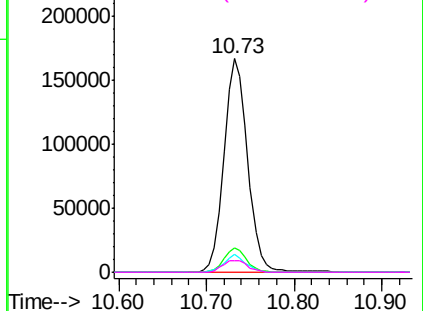
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
CBH-140

Tot Ion:136	Resp:	309510
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	8.2	7.0 10.4
68	5.6	4.9 7.3

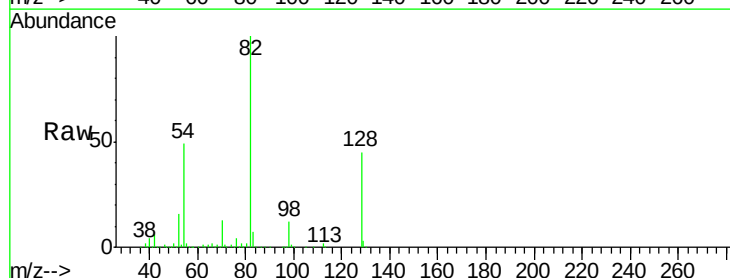


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

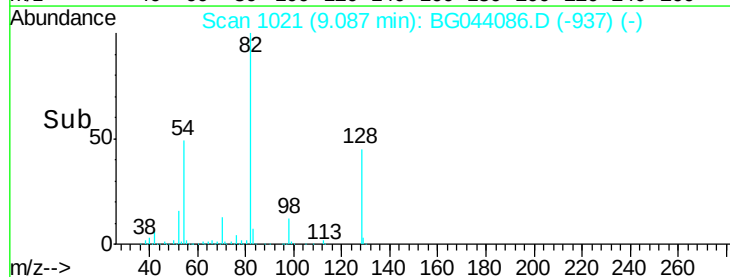
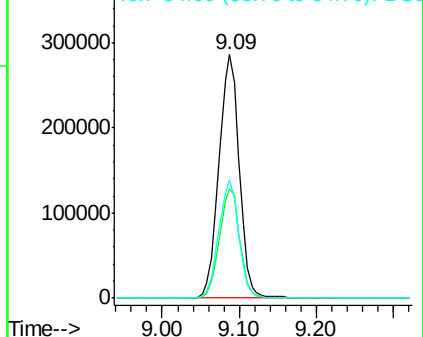


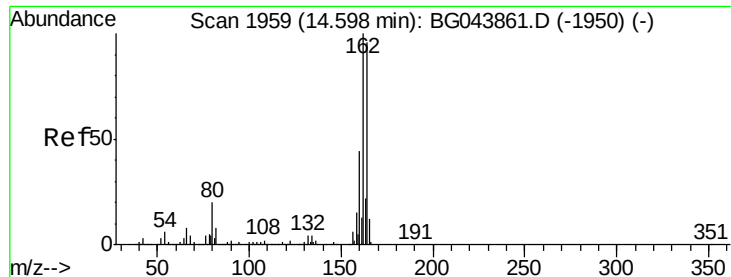
#23
Nitrobenzene-d5
Concen: 90.069 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Tgt Ion: 82	Resp:	521112
Ion	Ratio	Lower Upper
82	100	
128	45.1	35.1 52.7
54	48.5	40.1 60.1



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: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044086.D

Acq: 17 Jan 2020 22:34

Instrument :

BNA_G

ClientSampleId :

CBH-140

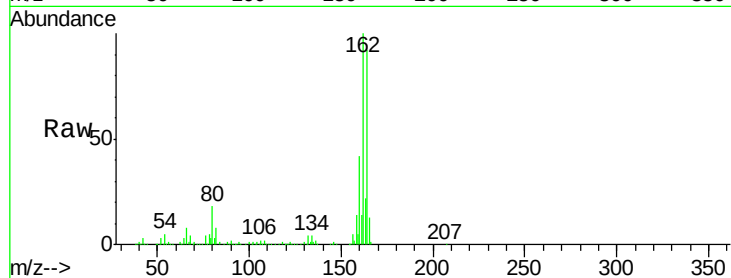
Tot Ion:164 Resp: 220903

Ion Ratio Lower Upper

164 100

162 108.4 83.0 124.4

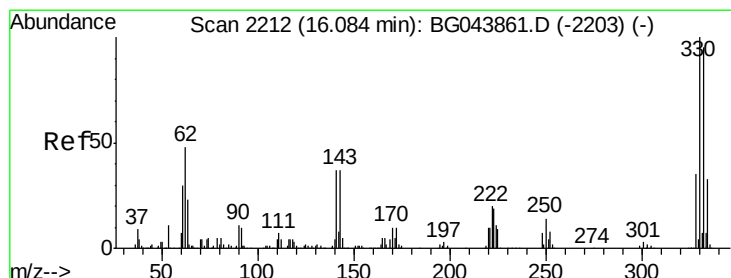
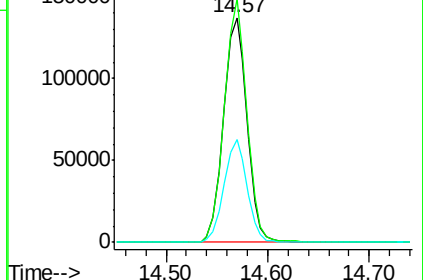
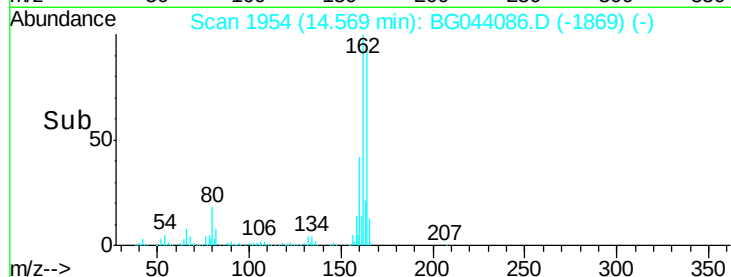
160 45.9 36.1 54.1



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: 167.601 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044086.D

Acq: 17 Jan 2020 22:34

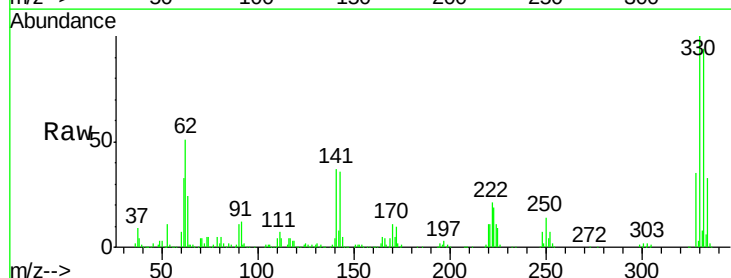
Tgt Ion:330 Resp: 387445

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

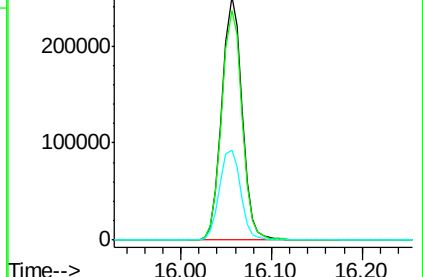
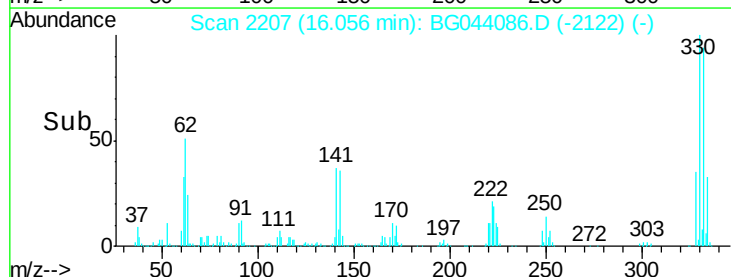
141 38.8 33.1 49.7

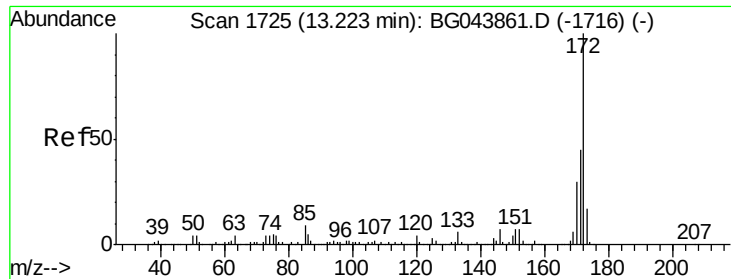


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



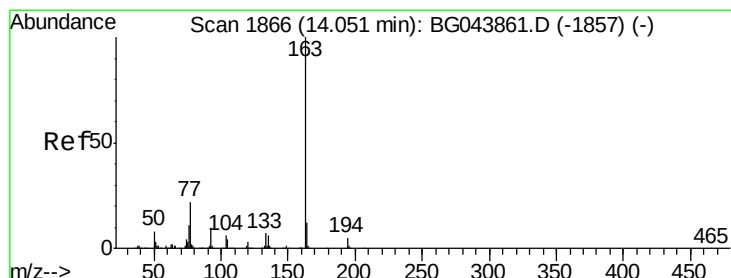
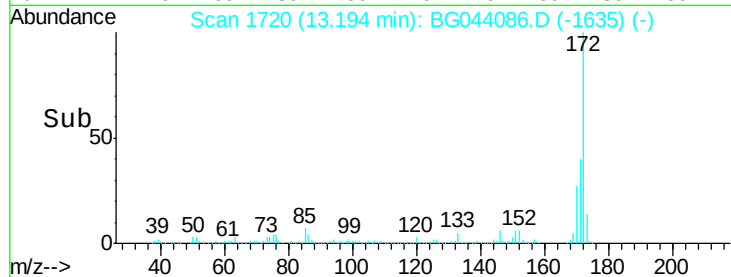
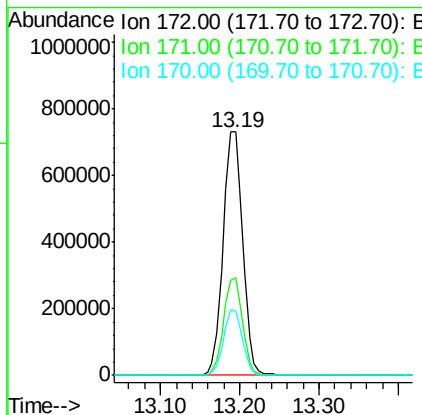
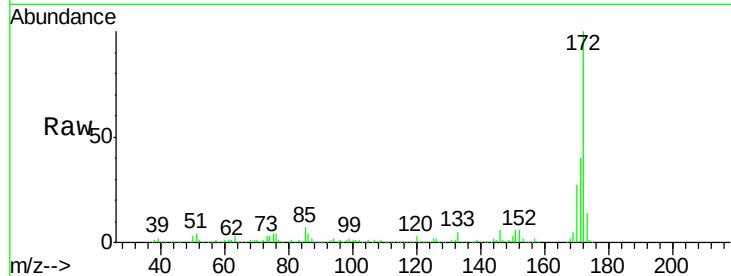


#45
 2-Fluorobiphenyl
 Concen: 102.756 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG044086.D
 Acq: 17 Jan 2020 22:34

Instrument :
 BNA_G
 ClientSampleId :
 CBH-140

Tot Ion:172 Resp: 1252869

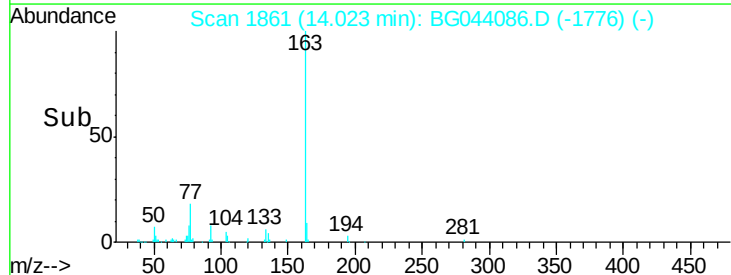
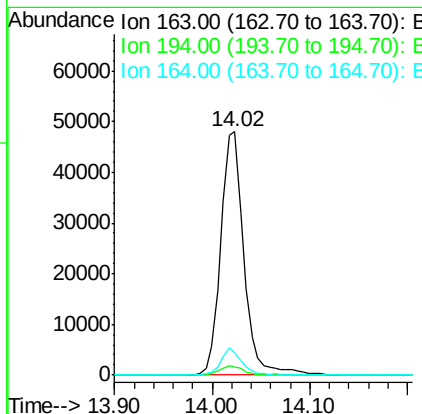
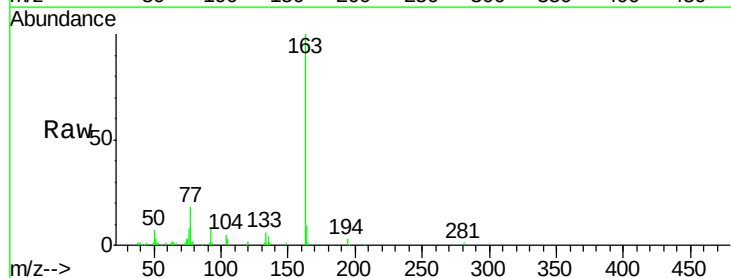
Ion	Ratio	Lower	Upper
172	100		
171	39.9	35.8	53.8
170	26.5	24.2	36.4

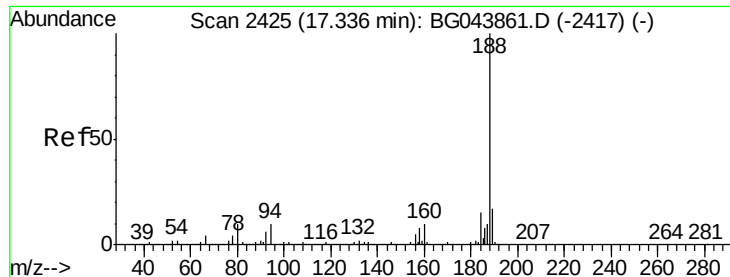


#50
 Dimethylphthalate
 Concen: 5.021 ng
 RT: 14.02 min Scan# 1861
 Delta R.T. -0.03 min
 Lab File: BG044086.D
 Acq: 17 Jan 2020 22:34

Tgt Ion:163 Resp: 78748

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.7	5.5#
164	9.1	9.3	13.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044086.D

Acq: 17 Jan 2020 22:34

Instrument :

BNA_G

ClientSampleId :

CBH-140

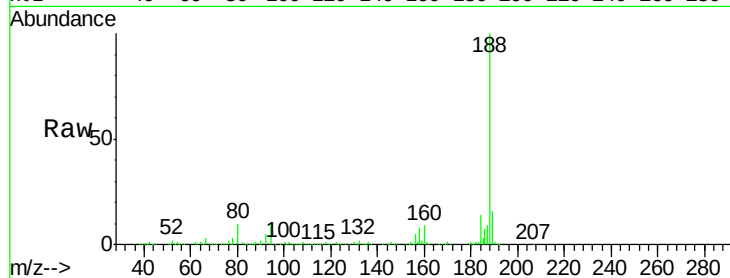
Tot Ion:188 Resp: 475153

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

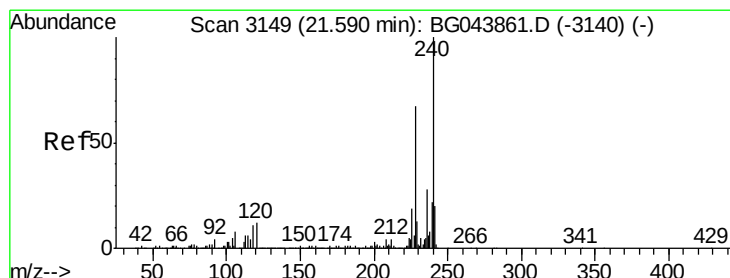
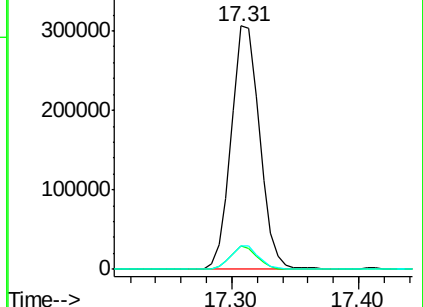
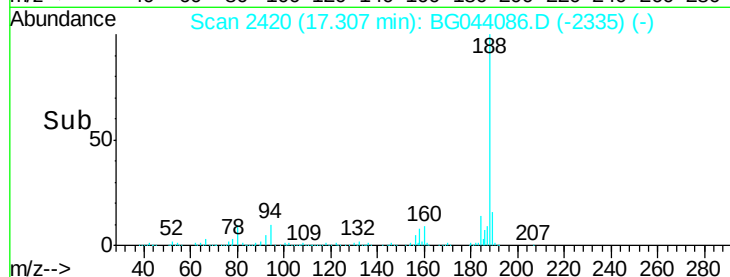
80 9.8 8.2 12.4



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: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044086.D

Acq: 17 Jan 2020 22:34

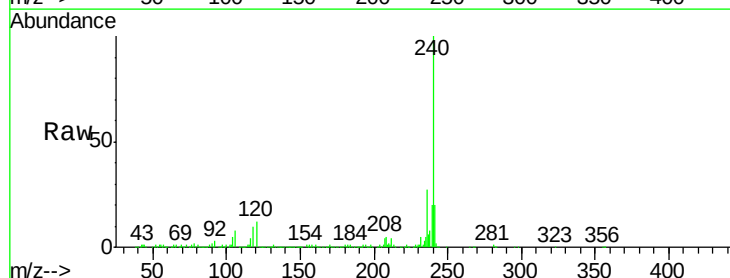
Tgt Ion:240 Resp: 406247

Ion Ratio Lower Upper

240 100

120 11.7 9.6 14.4

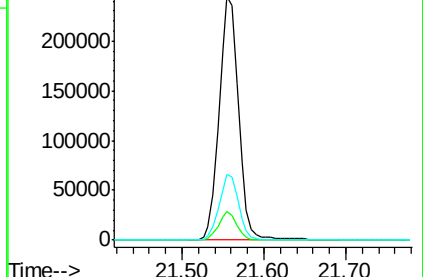
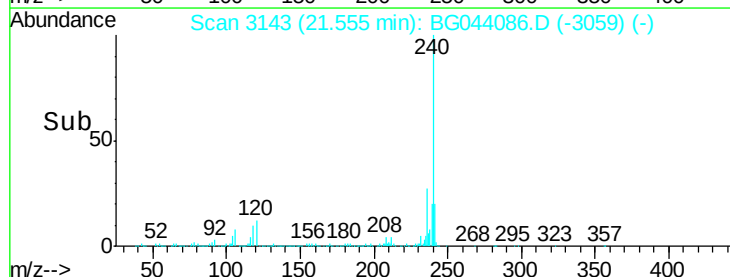
236 27.1 22.2 33.2

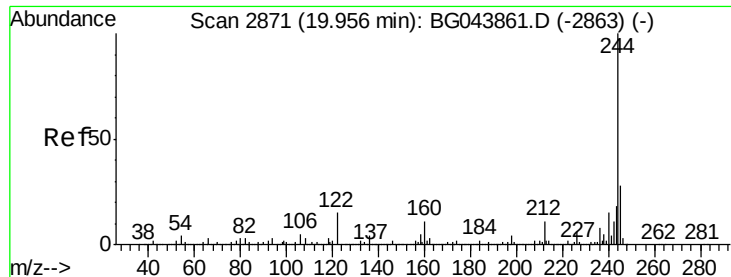


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 121.731 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044086.D

Acq: 17 Jan 2020 22:34

Instrument :

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ClientSampleId :

CBH-140

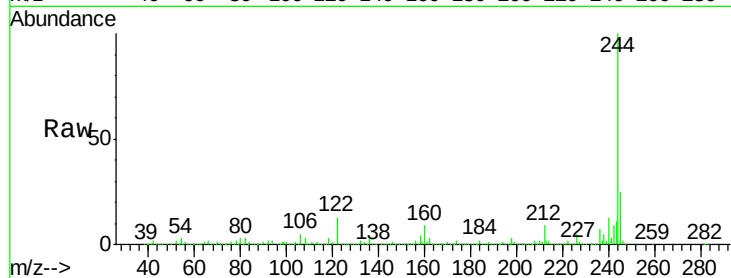
Tot Ion:244 Resp: 1843225

Ion Ratio Lower Upper

244 100

212 9.5 8.6 13.0

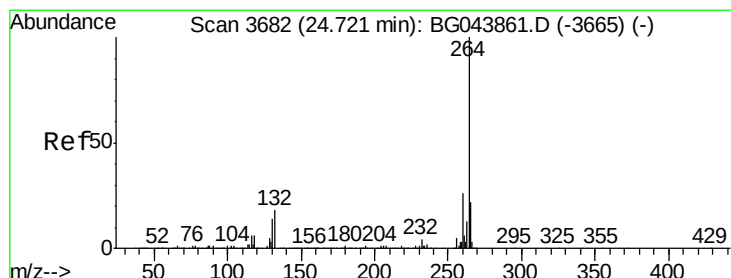
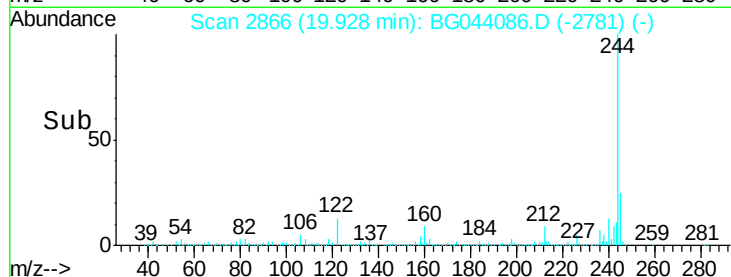
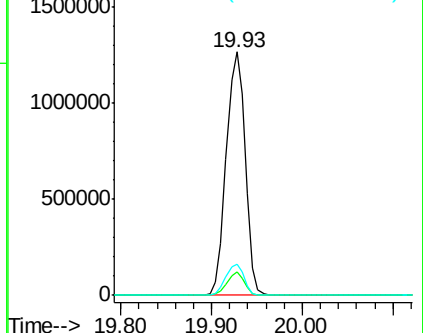
122 12.8 11.9 17.9



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: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044086.D

Acq: 17 Jan 2020 22:34

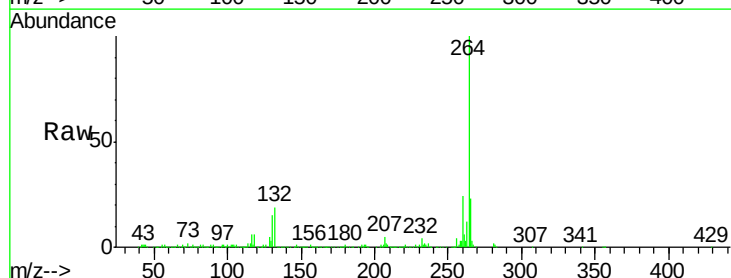
Tgt Ion:264 Resp: 443643

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

265 22.7 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

