

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
 Data File : BG044088.D
 Acq On : 17 Jan 2020 23:52
 Operator : JU
 Sample : L1162-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CBH-594

Quant Time: Jan 18 04:15:45 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

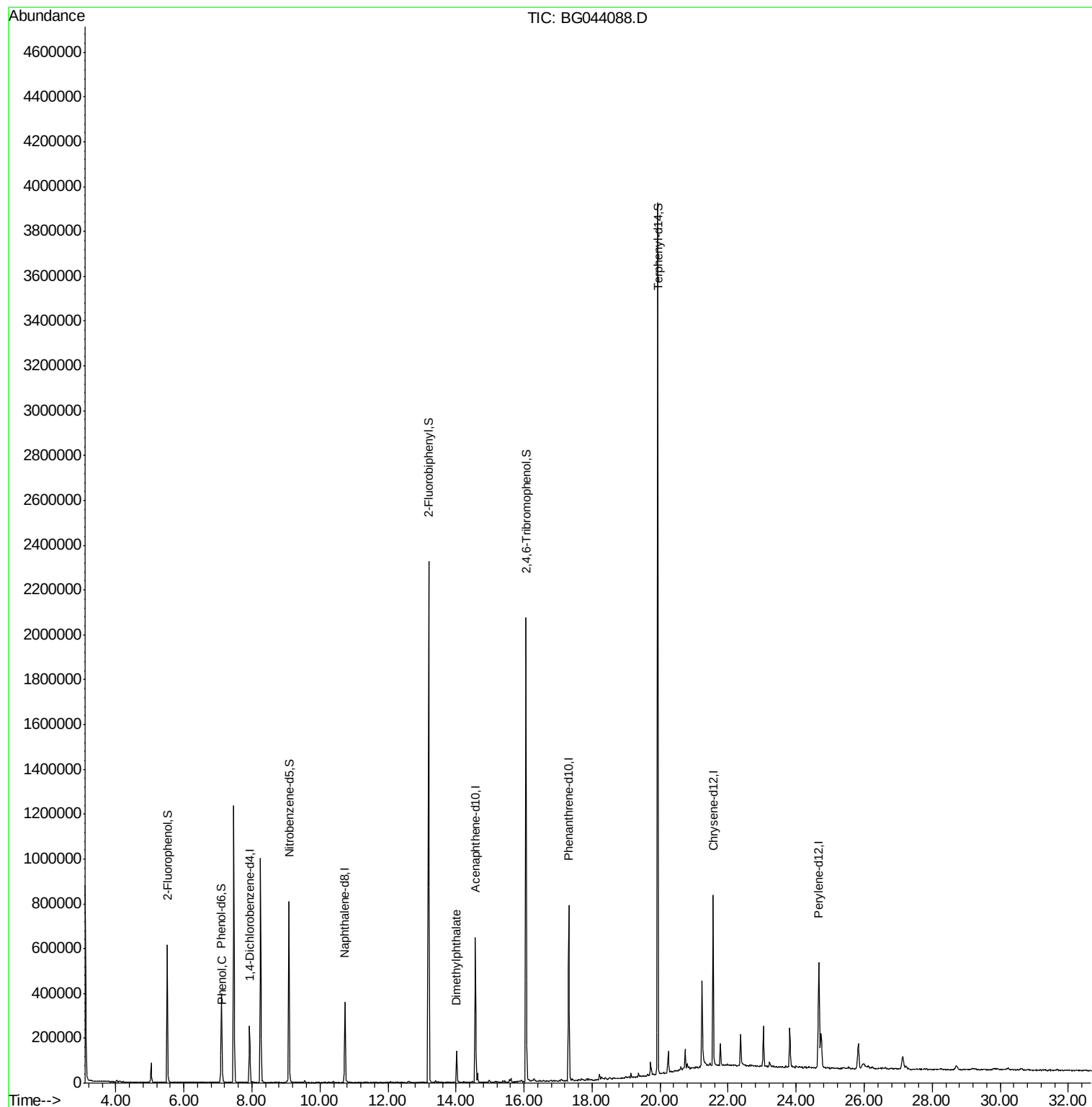
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73296	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	332161	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	236867	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	501112	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	423688	20.00	ng	-0.03
87) Perylene-d12	24.66	264	475590	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	298784	74.85	ng	-0.03
7) Phenol-d6	7.10	99	258218	46.28	ng	-0.02
23) Nitrobenzene-d5	9.09	82	527312	84.93	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	391597	157.98	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1267471	96.95	ng	-0.03
79) Terphenyl-d14	19.93	244	1718092	103.24	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	25144	4.374	ng	98
50) Dimethylphthalate	14.02	163	105764	6.289	ng	98

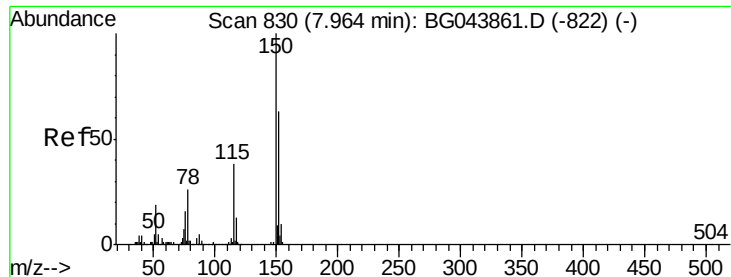
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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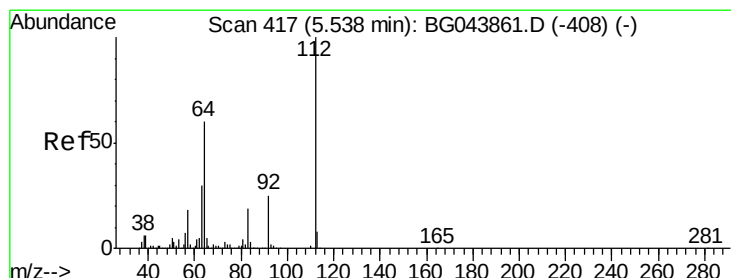
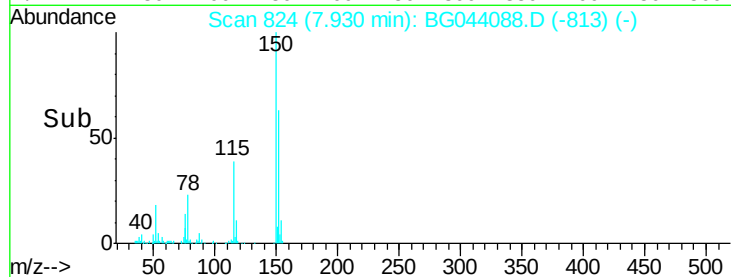
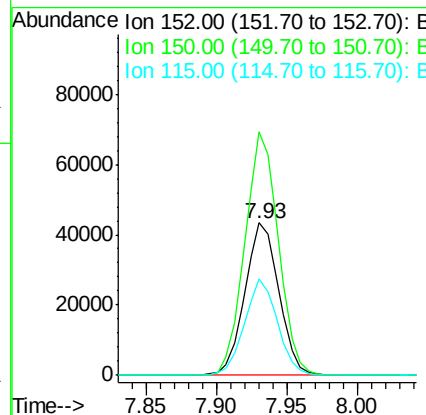
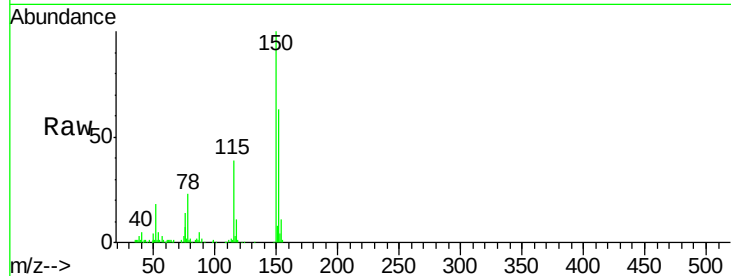


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044088.D
Acq: 17 Jan 2020 23:52

Instrument :
BNA_G
ClientSampleId :
CBH-594

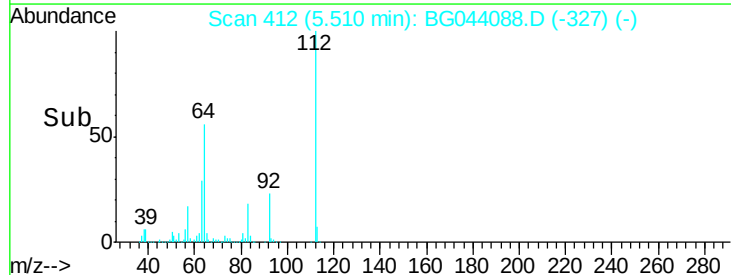
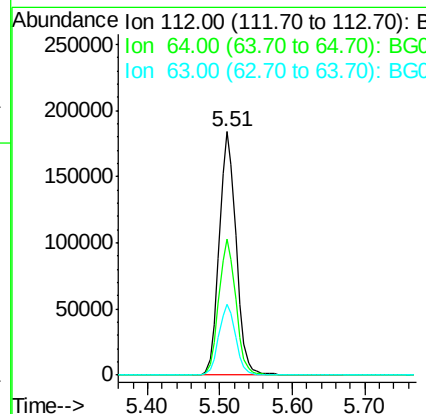
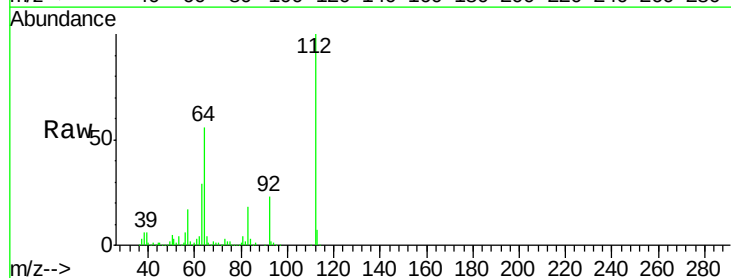
Tot Ion:152 Resp: 73296
Ion Ratio Lower Upper
152 100
150 159.7 127.0 190.4
115 63.0 47.8 71.8

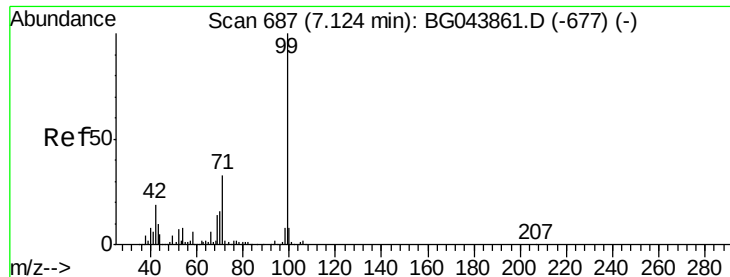


#5

2-Fluorophenol
Concen: 74.848 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044088.D
Acq: 17 Jan 2020 23:52

Tgt Ion:112 Resp: 298784
Ion Ratio Lower Upper
112 100
64 56.0 47.8 71.6
63 29.1 24.3 36.5





#7

Phenol-d6

Concen: 46.276 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044088.D

Acq: 17 Jan 2020 23:52

Instrument :

BNA_G

ClientSampleId :

CBH-594

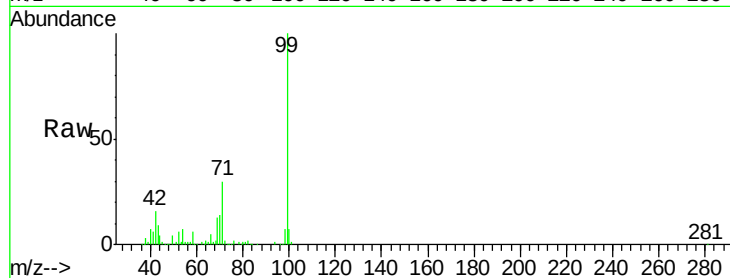
Tot Ion: 99 Resp: 258218

Ion Ratio Lower Upper

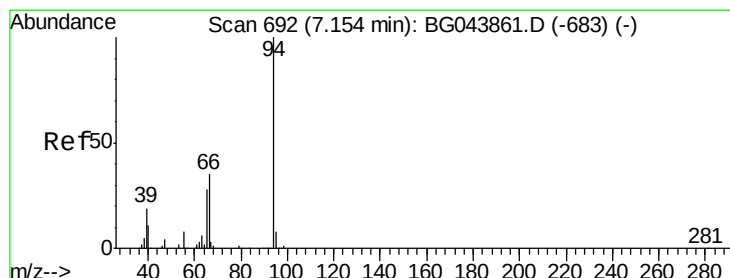
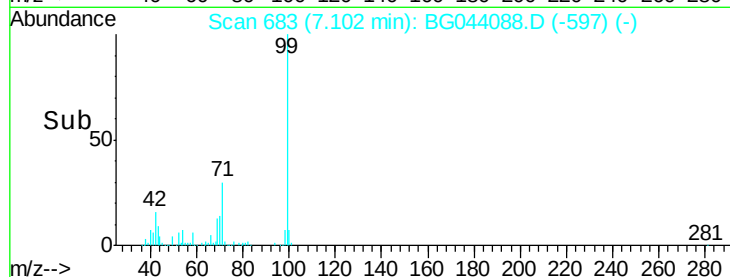
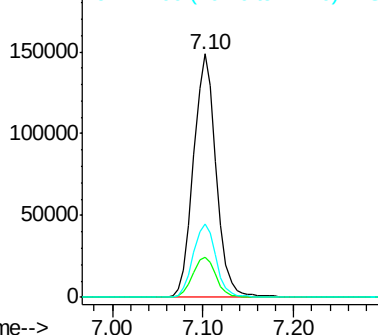
99 100

42 16.3 14.9 22.3

71 29.9 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: 4.374 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044088.D

Acq: 17 Jan 2020 23:52

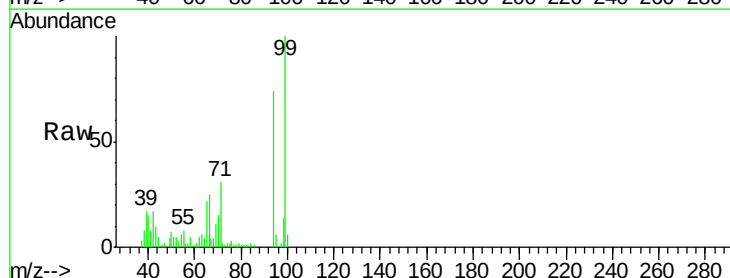
Tgt Ion: 94 Resp: 25144

Ion Ratio Lower Upper

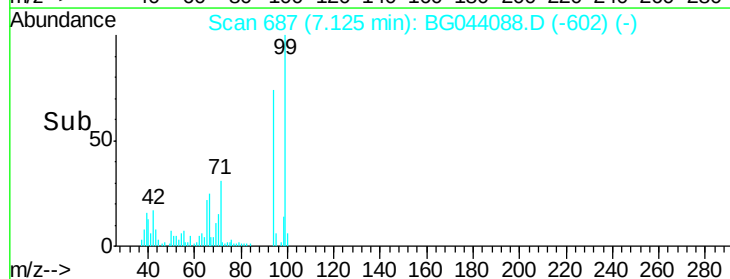
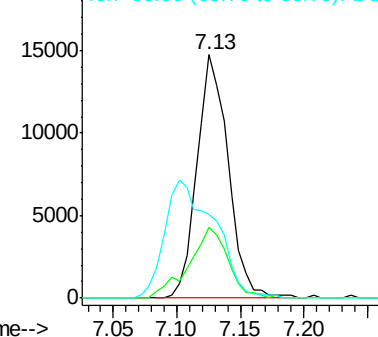
94 100

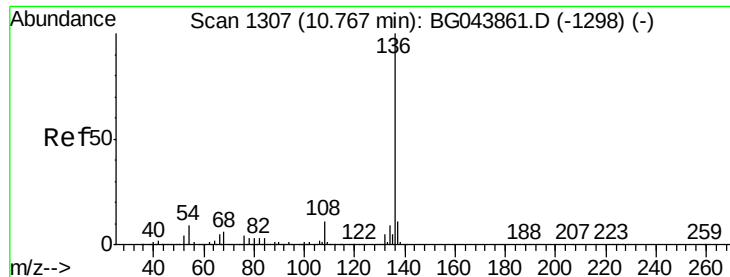
65 29.2 8.1 48.1

66 34.3 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

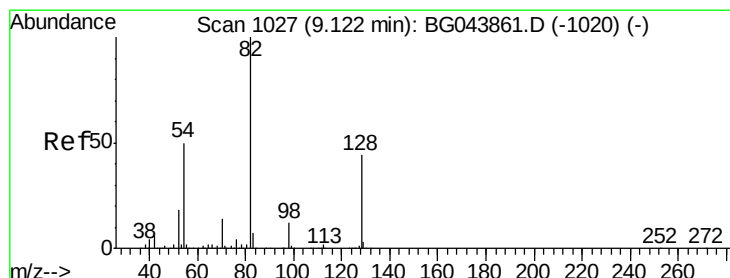
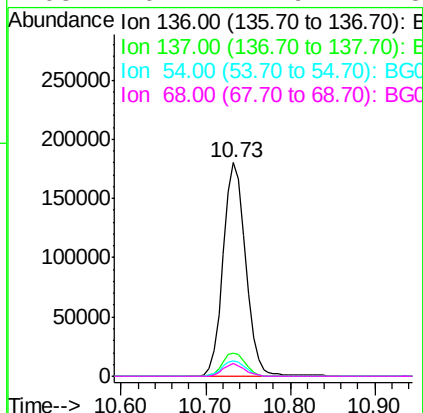
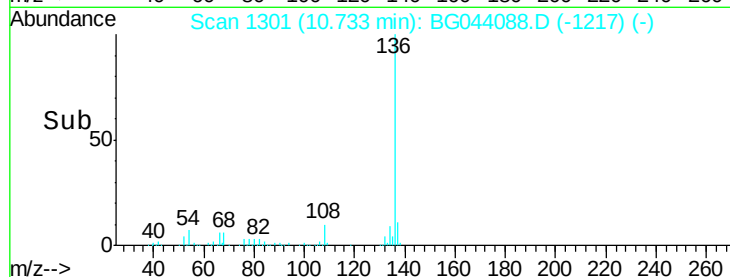
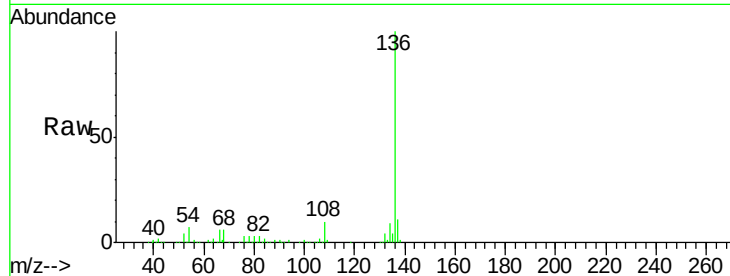




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044088.D
Acq: 17 Jan 2020 23:52

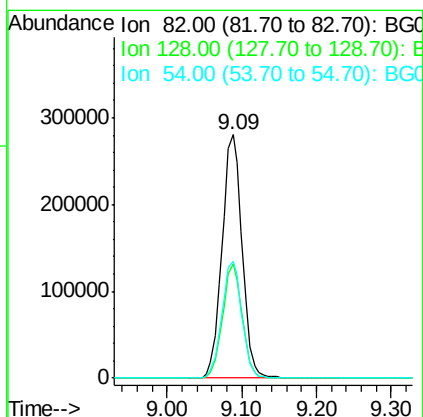
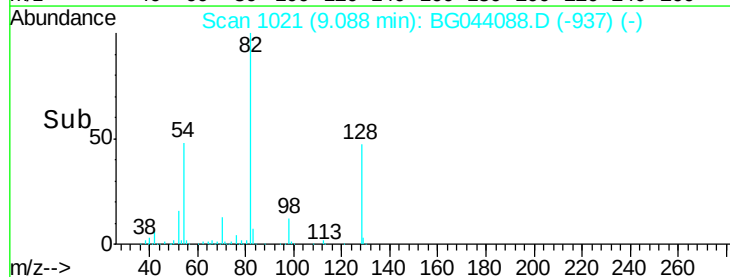
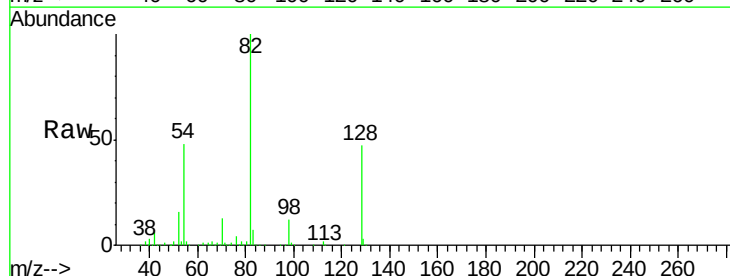
Instrument :
BNA_G
ClientSampled :
CBH-594

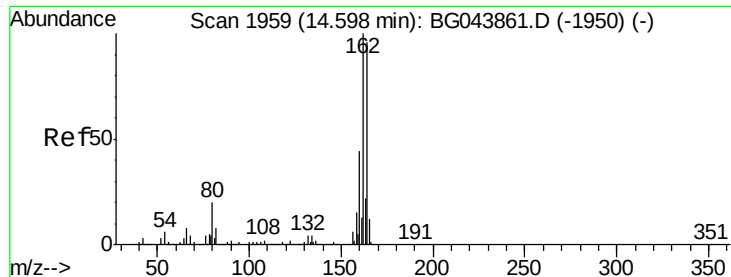
Tot Ion:136	Resp:	332161
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 7.2	7.0	10.4
68 6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 84.926 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044088.D
Acq: 17 Jan 2020 23:52

Tgt	Ion: 82	Resp:	527312
Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.1	52.7
54	48.2	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044088.D

Acq: 17 Jan 2020 23:52

Instrument :

BNA_G

ClientSampleId :

CBH-594

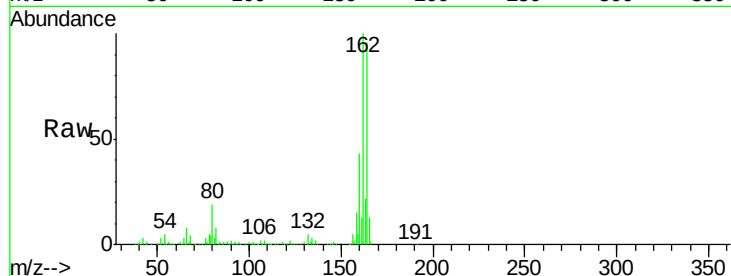
Tot Ion:164 Resp: 236867

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

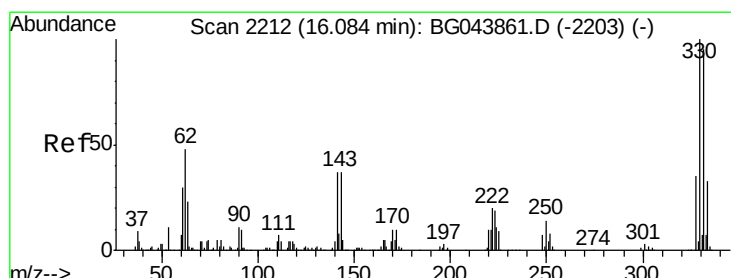
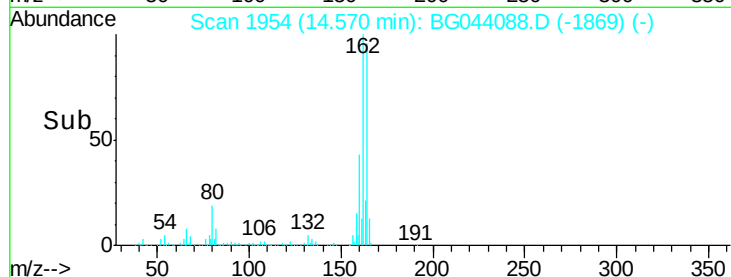
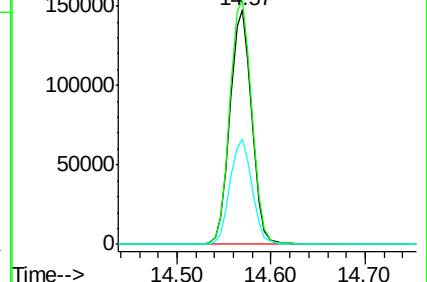
160 44.7 36.1 54.1



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: 157.981 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044088.D

Acq: 17 Jan 2020 23:52

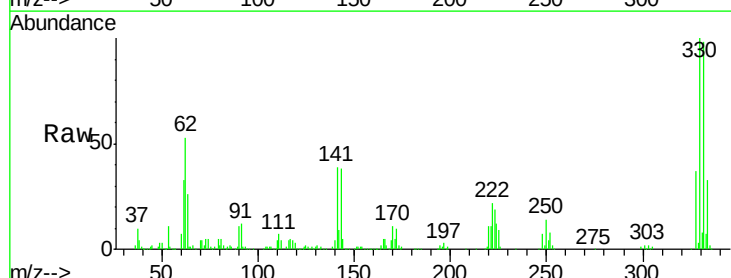
Tgt Ion:330 Resp: 391597

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

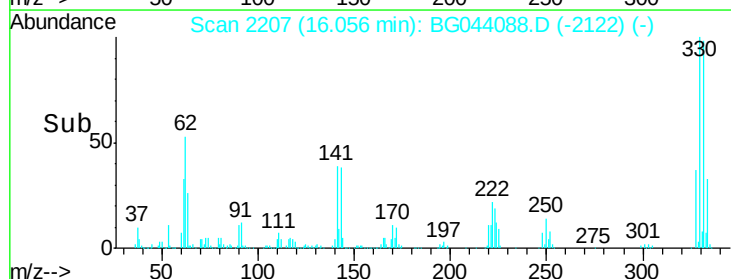
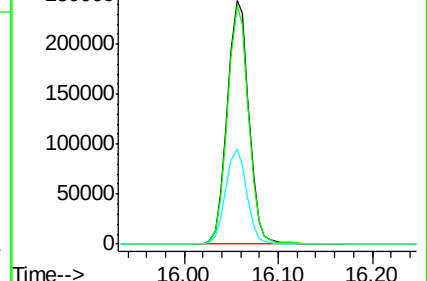
141 38.8 33.1 49.7

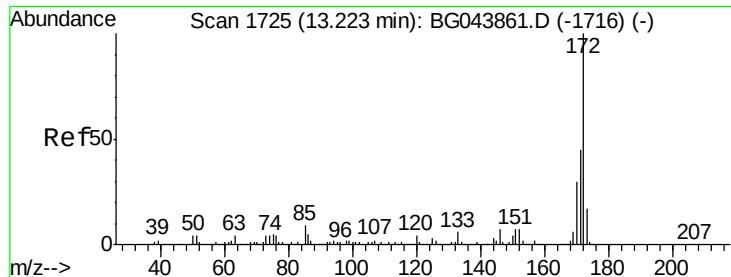


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

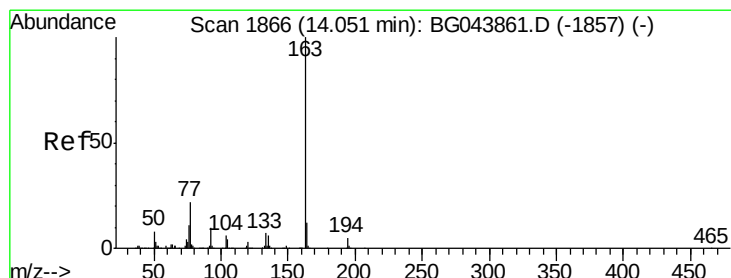
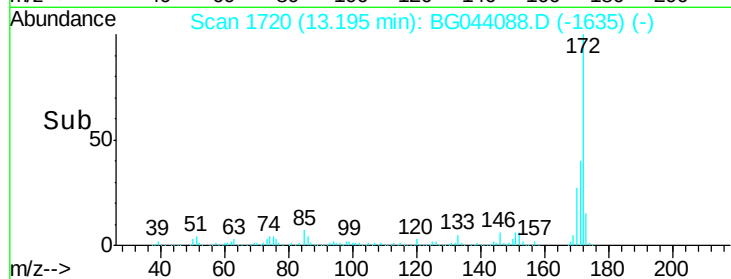
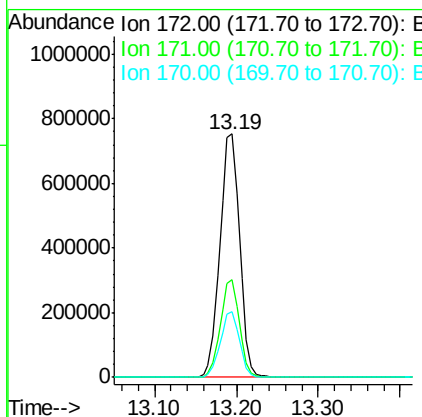
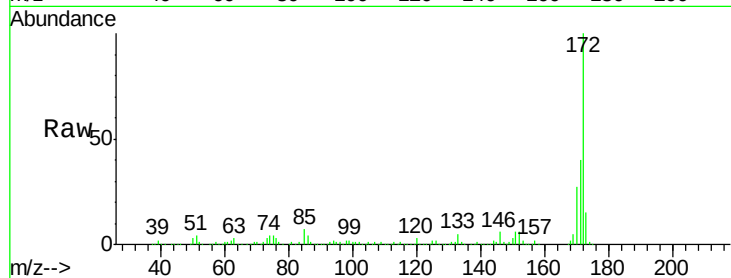




#45
2-Fluorobiphenyl
Concen: 96.947 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044088.D
Acq: 17 Jan 2020 23:52

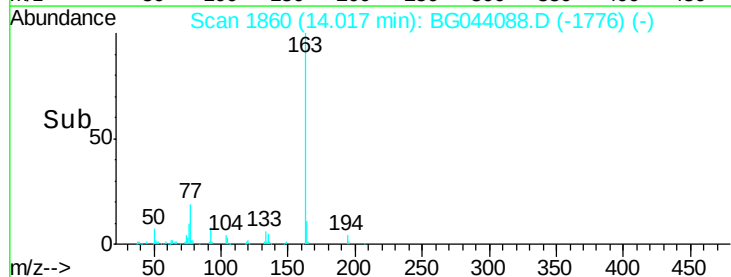
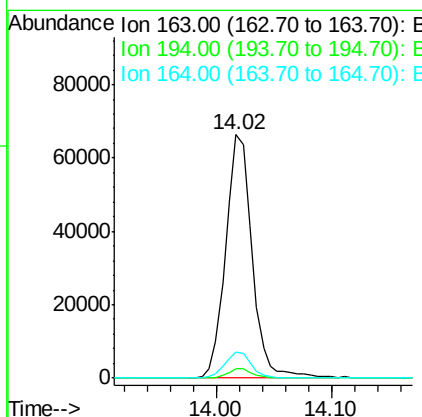
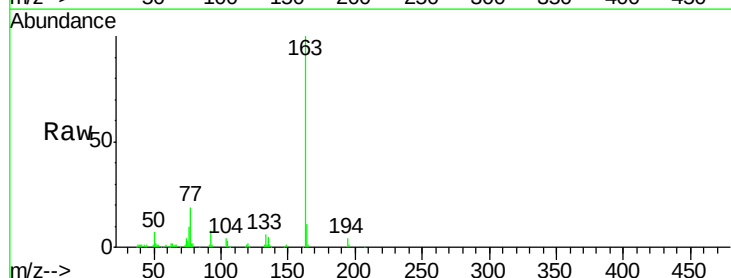
Instrument :
BNA_G
ClientSampleId :
CBH-594

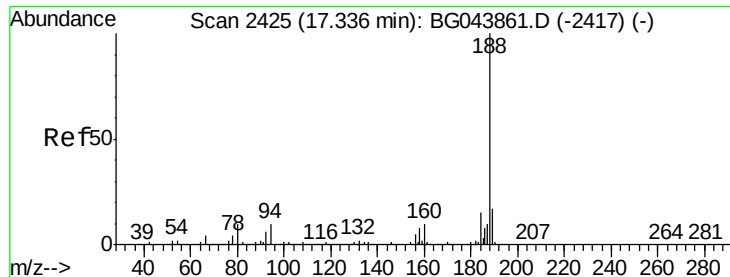
Tot Ion:172 Resp: 1267471
Ion Ratio Lower Upper
172 100
171 39.9 35.8 53.8
170 26.8 24.2 36.4



#50
Dimethylphthalate
Concen: 6.289 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044088.D
Acq: 17 Jan 2020 23:52

Tgt Ion:163 Resp: 105764
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 10.8 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044088.D

Acq: 17 Jan 2020 23:52

Instrument :

BNA_G

ClientSampleId :

CBH-594

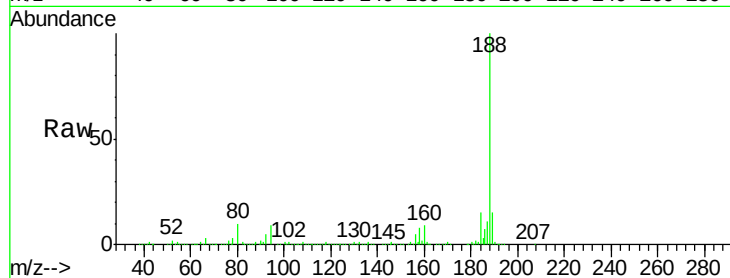
Tot Ion:188 Resp: 501112

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

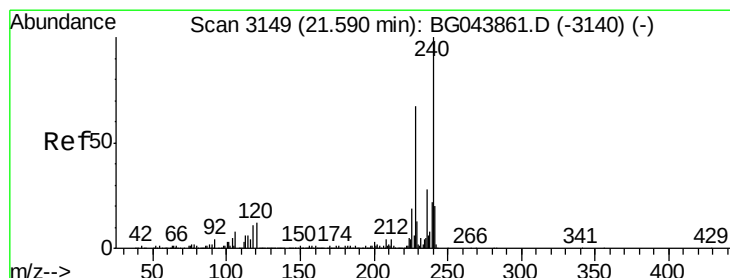
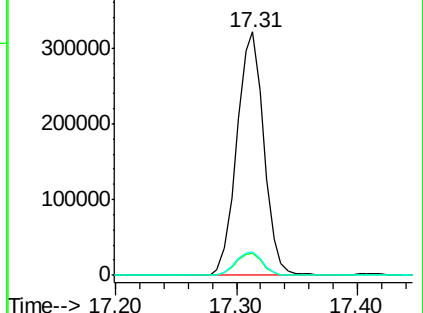
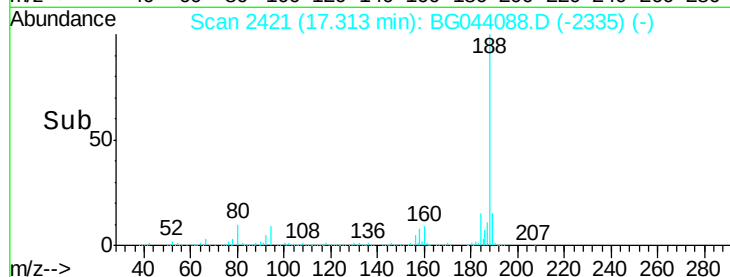
80 9.7 8.2 12.4



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: BG044088.D

Acq: 17 Jan 2020 23:52

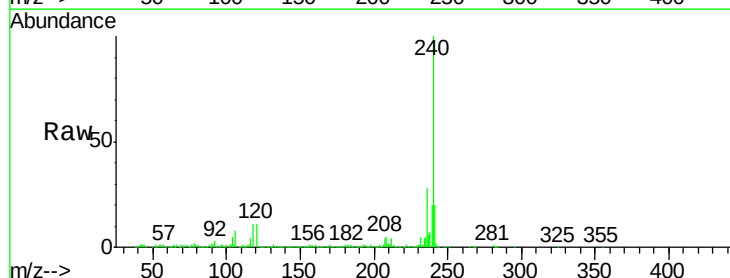
Tgt Ion:240 Resp: 423688

Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

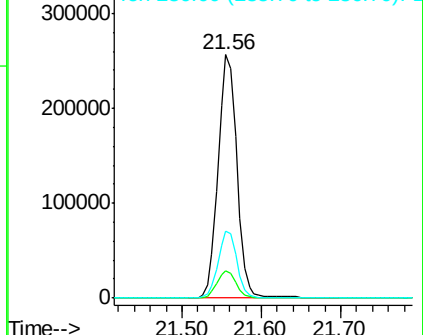
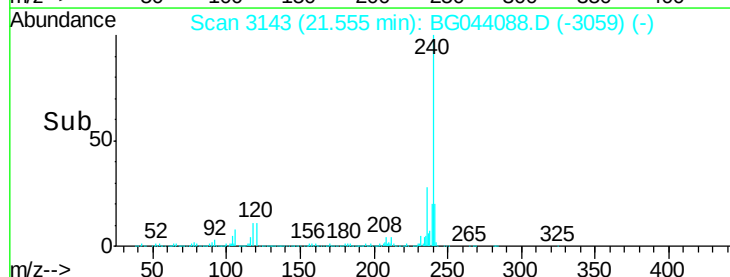
236 27.6 22.2 33.2

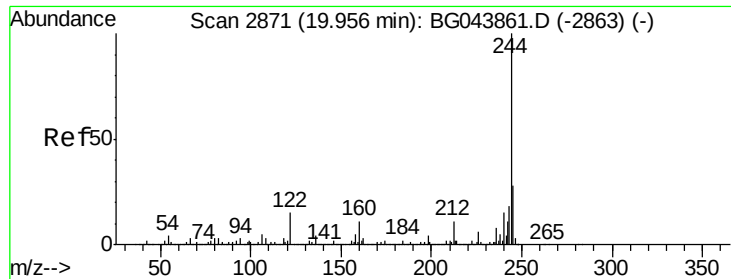


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.243 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044088.D

Acq: 17 Jan 2020 23:52

Instrument :

BNA_G

ClientSampleId :

CBH-594

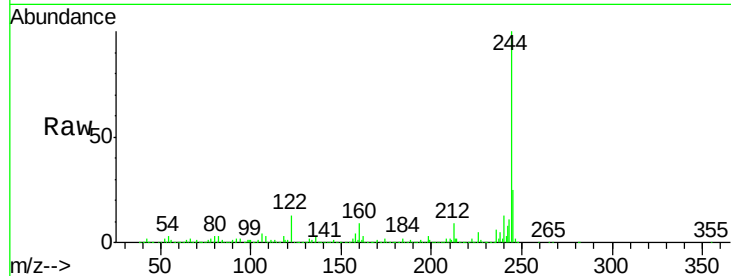
Tot Ion:244 Resp: 1718092

Ion Ratio Lower Upper

244 100

212 9.4 8.6 13.0

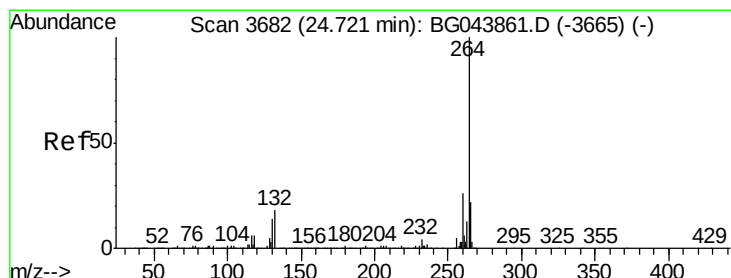
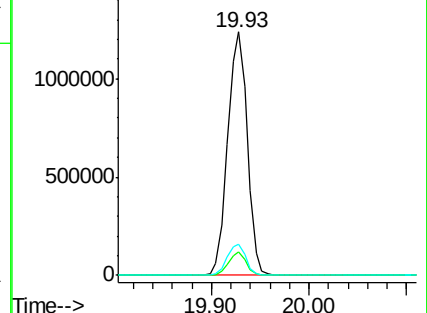
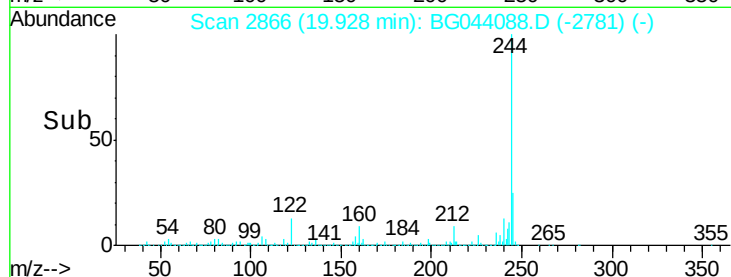
122 13.0 11.9 17.9



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: BG044088.D

Acq: 17 Jan 2020 23:52

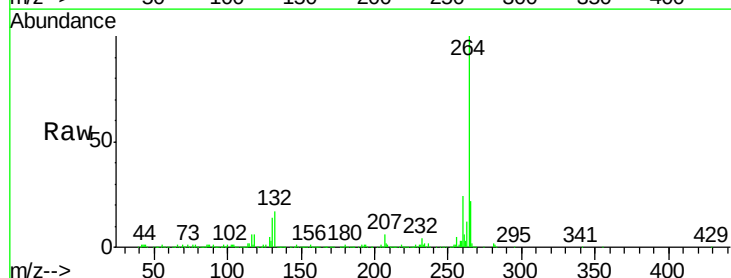
Tgt Ion:264 Resp: 475590

Ion Ratio Lower Upper

264 100

260 24.0 20.4 30.6

265 22.3 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

