

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012220\
 Data File : BG044158.D
 Acq On : 22 Jan 2020 15:03
 Operator : JU
 Sample : L1216-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP

Quant Time: Jan 23 08:08:27 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

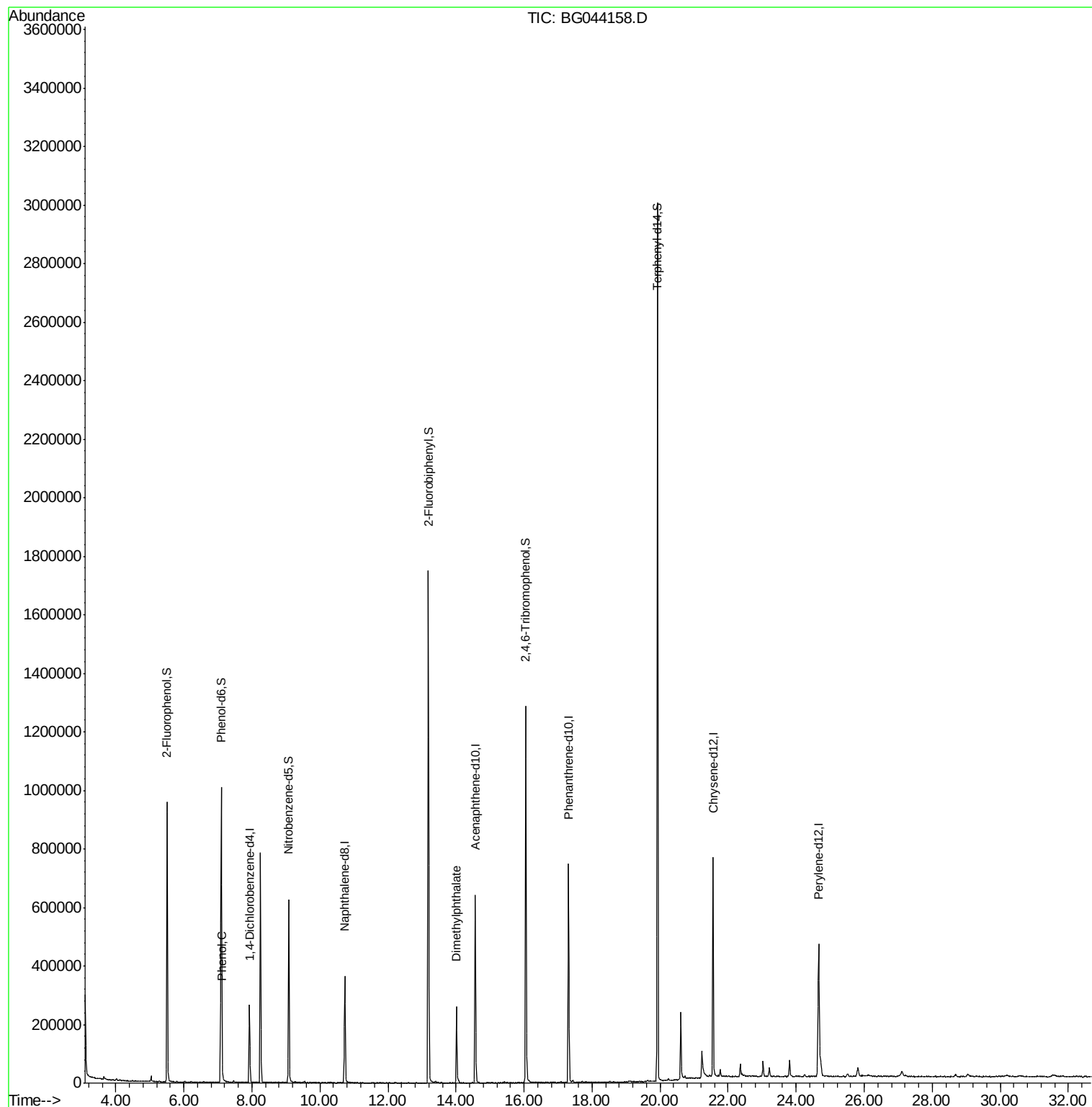
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	80295	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	351521	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	242597	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	497125	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	432485	20.00	ng	-0.03
87) Perylene-d12	24.66	264	474822	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	470990	107.70	ng	-0.03
7) Phenol-d6	7.10	99	659297	107.86	ng	-0.03
23) Nitrobenzene-d5	9.08	82	405262	61.67	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	252564	99.48	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	979551	73.16	ng	-0.03
79) Terphenyl-d14	19.92	244	1431462	78.06	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	20957	3.328	ng	Qvalue 97
50) Dimethylphthalate	14.02	163	209660	12.172	ng	# 96

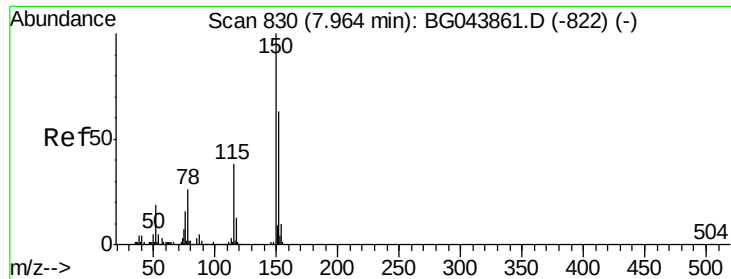
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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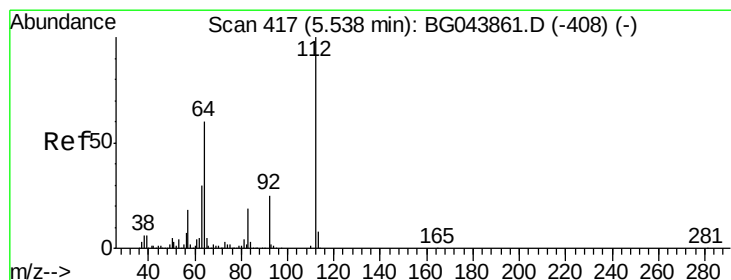
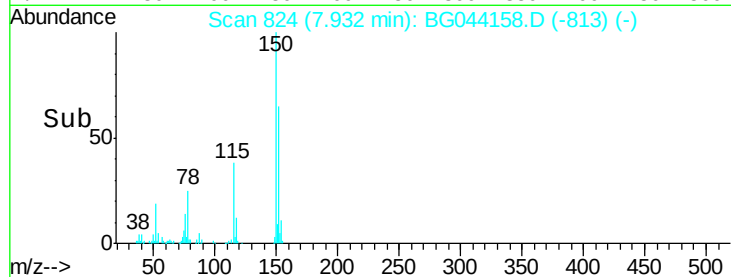
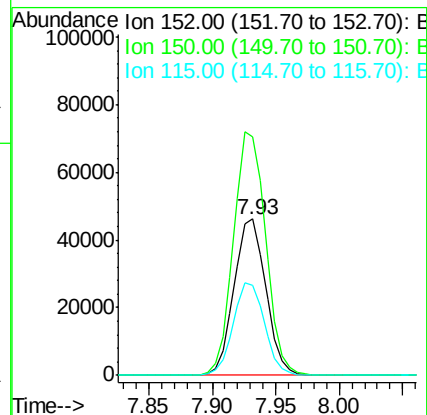
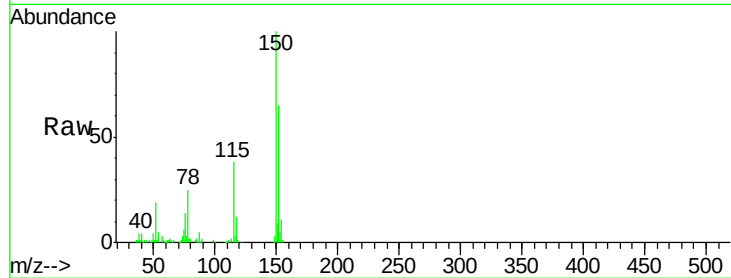


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

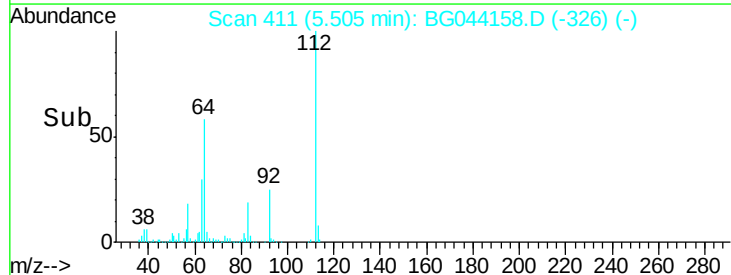
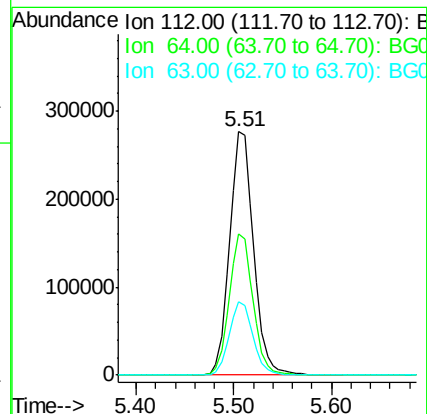
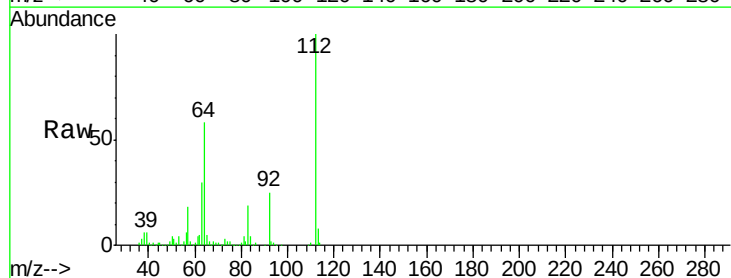
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	127.0	190.4
115	57.7	47.8	71.8

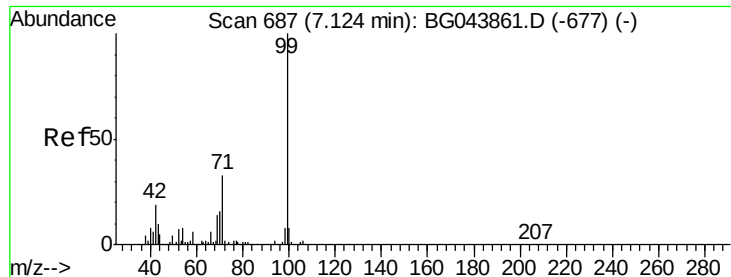


#5

2-Fluorophenol
Concen: 107.702 ng
RT: 5.51 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.8	71.6
63	30.2	24.3	36.5





#7

Phenol-d6

Concen: 107.856 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044158.D

Acq: 22 Jan 2020 15:03

Instrument :

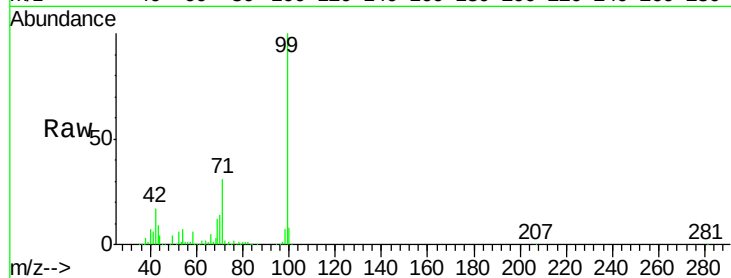
BNA_G

ClientSampleId :

SB-01-COMP

Tot Ion: 99 Resp: 659297

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.9	22.3
71	31.0	26.4	39.6

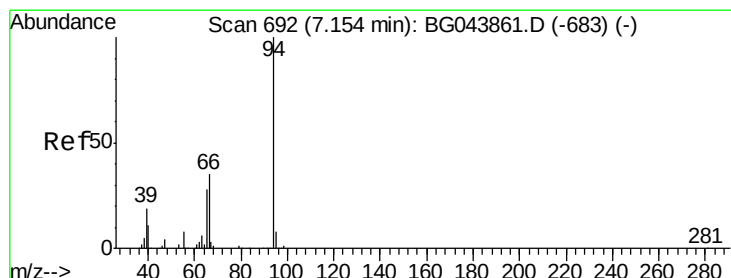
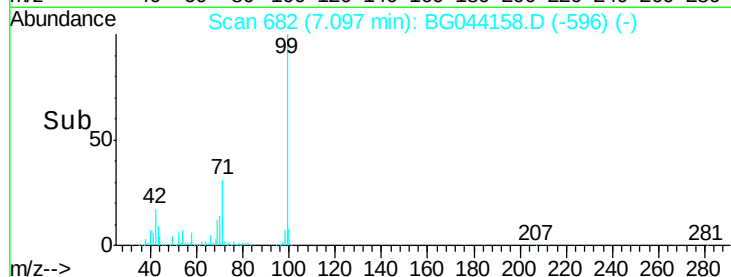
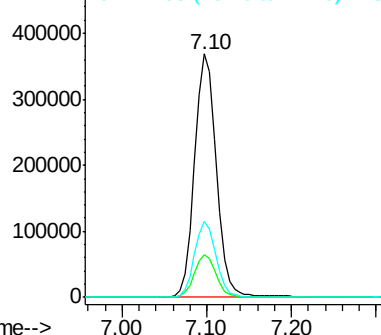


Abundance

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: 3.328 ng

RT: 7.13 min Scan# 687

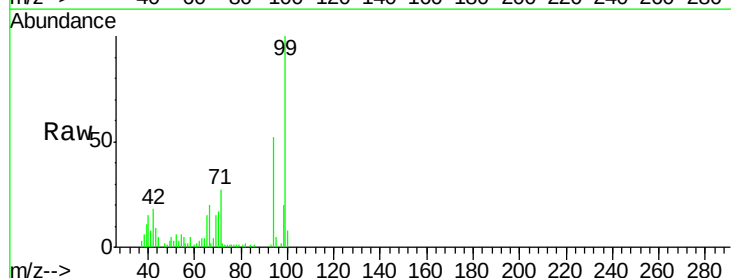
Delta R.T. -0.03 min

Lab File: BG044158.D

Acq: 22 Jan 2020 15:03

Tgt Ion: 94 Resp: 20957

Ion	Ratio	Lower	Upper
94	100		
65	29.4	8.1	48.1
66	38.0	15.6	55.6

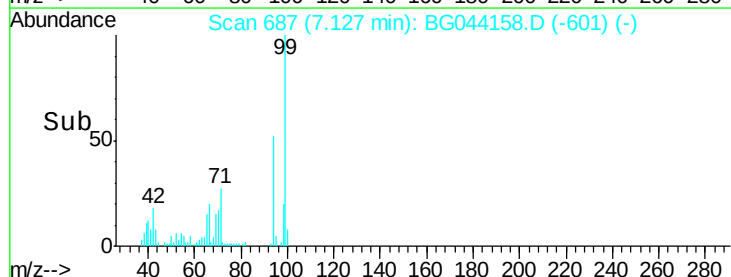
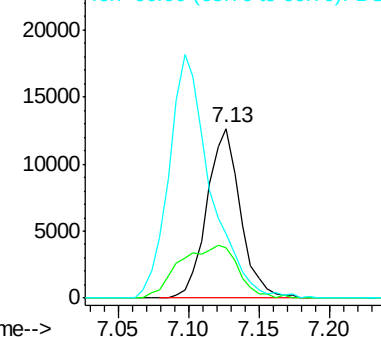


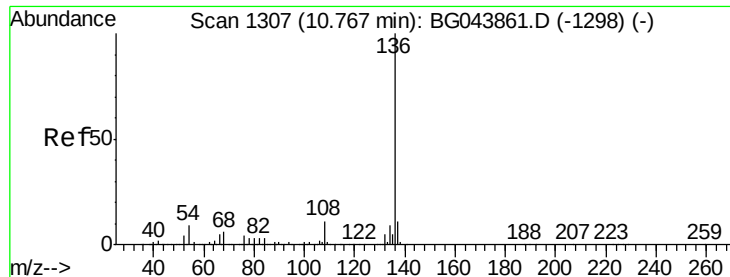
Abundance

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

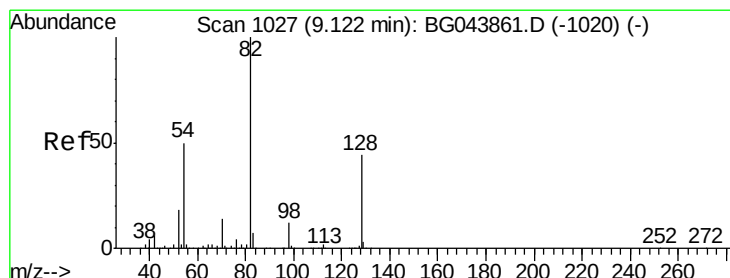
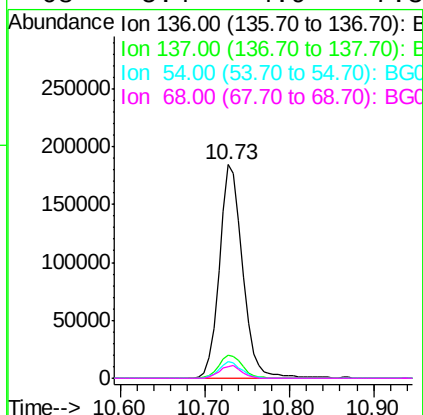
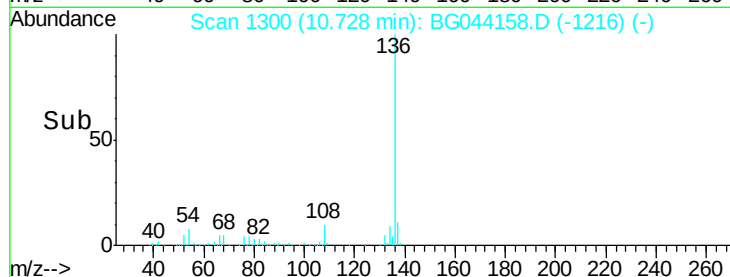
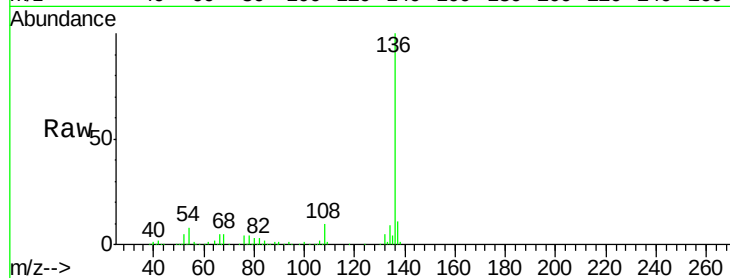




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

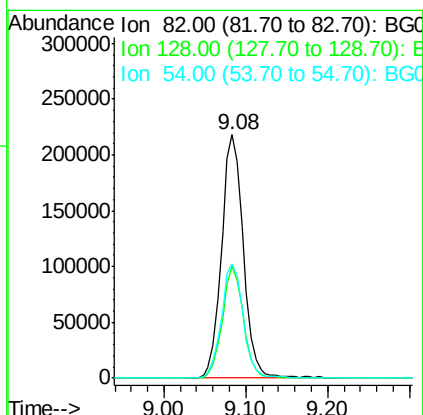
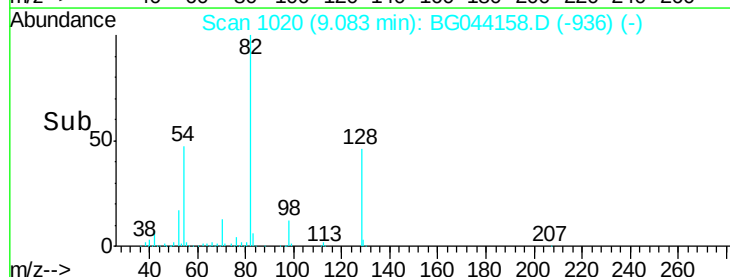
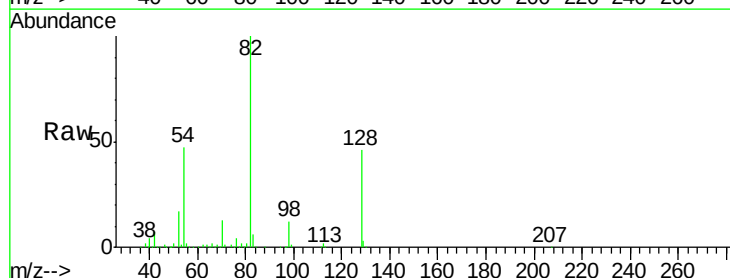
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

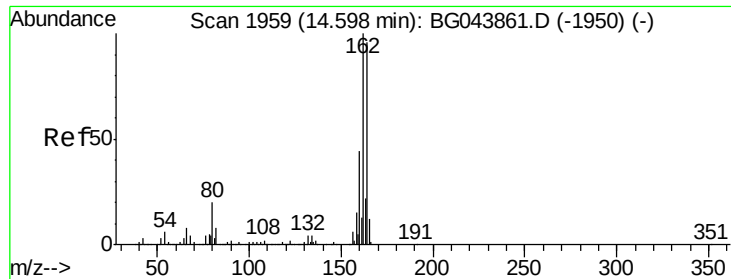
Tot Ion:136	Resp:	351521
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.8	13.2
54 7.5	7.0	10.4
68 5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 61.674 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion: 82	Resp: 405262
Ion Ratio	Lower Upper
82 100	
128 46.1	35.1 52.7
54 46.8	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044158.D

Acq: 22 Jan 2020 15:03

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

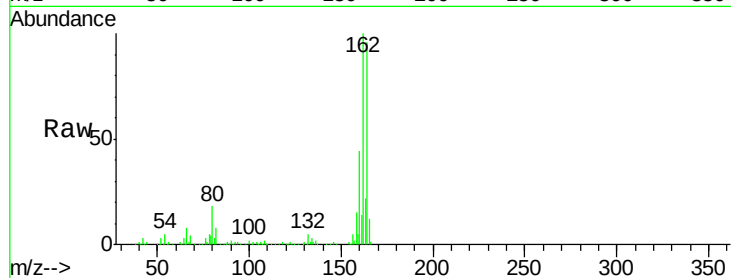
Tot Ion:164 Resp: 242597

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

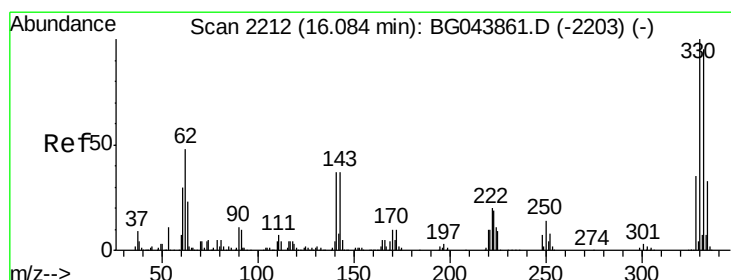
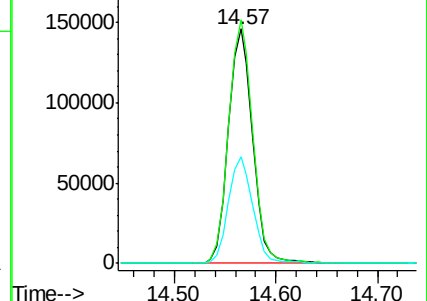
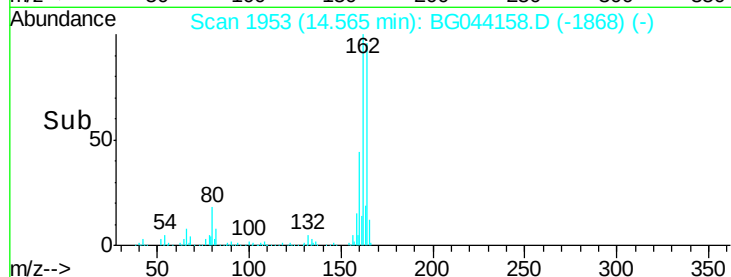
160 45.7 36.1 54.1



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: 99.484 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044158.D

Acq: 22 Jan 2020 15:03

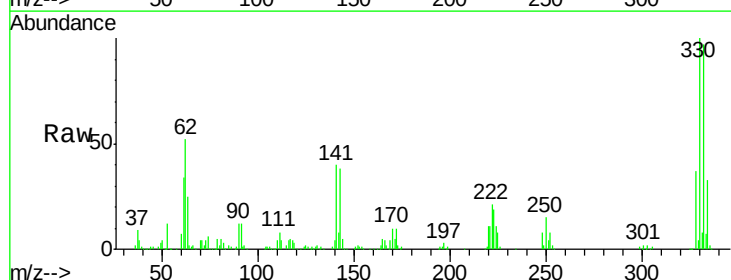
Tgt Ion:330 Resp: 252564

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

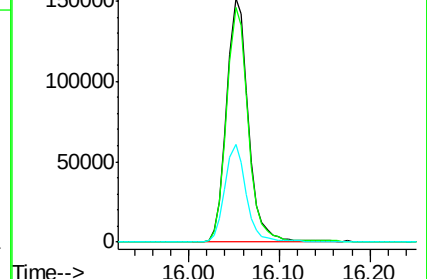
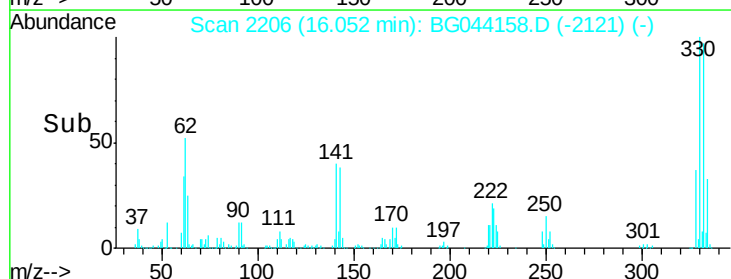
141 39.5 33.1 49.7

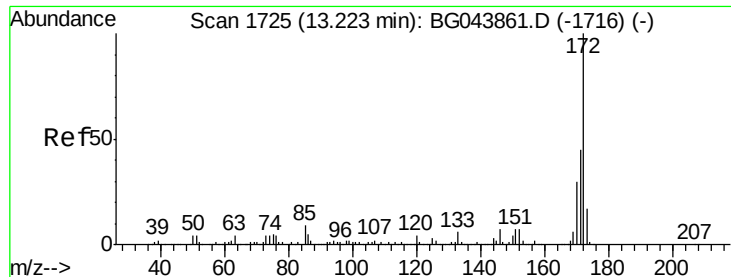


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

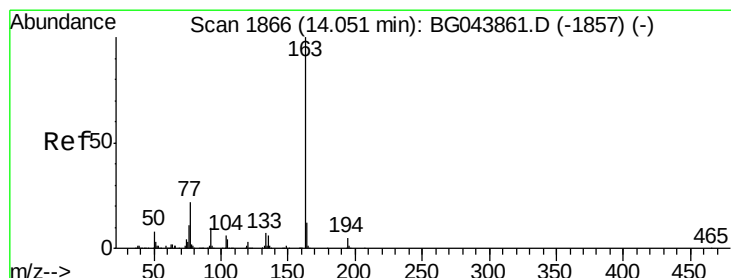
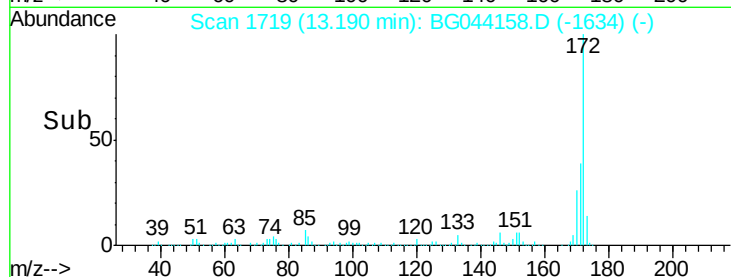
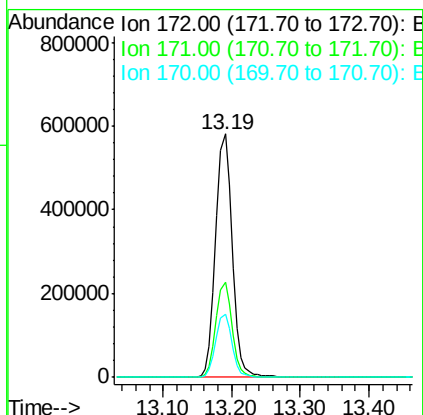
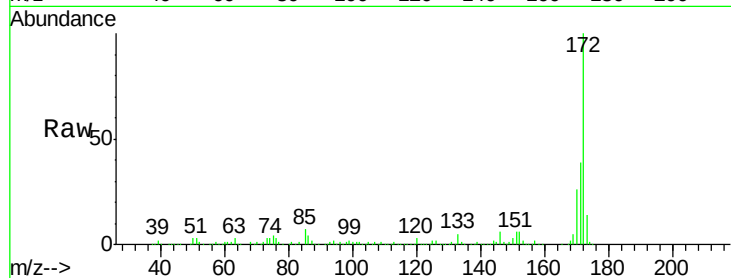




#45
2-Fluorobiphenyl
Concen: 73.155 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

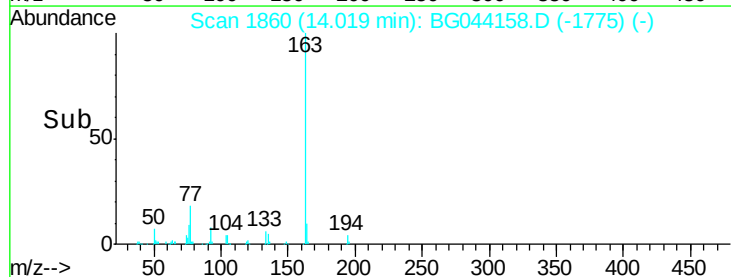
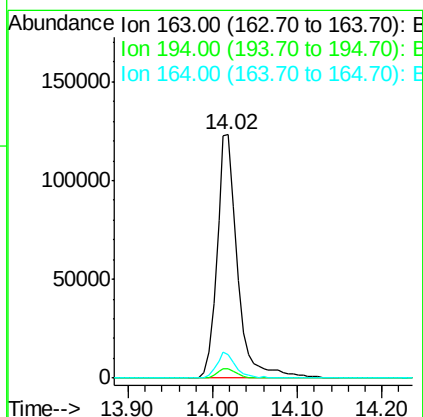
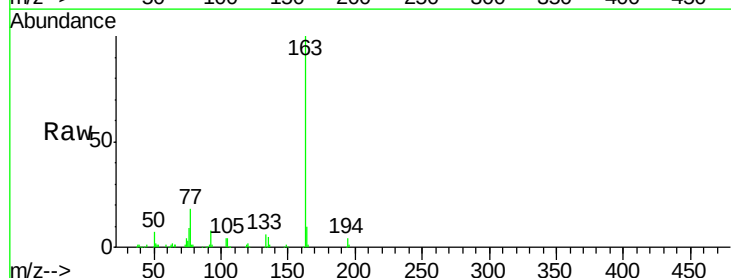
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

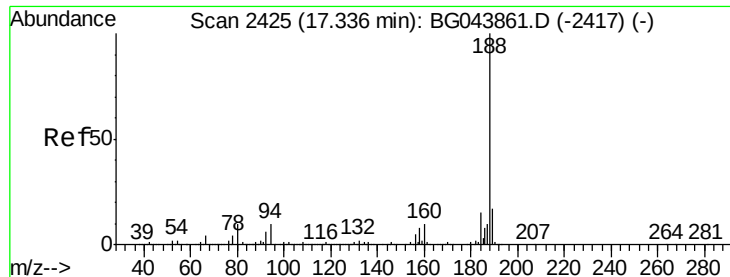
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	35.8	53.8
170	25.9	24.2	36.4



#50
Dimethylphthalate
Concen: 12.172 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.7	5.5#
164	9.9	9.3	13.9

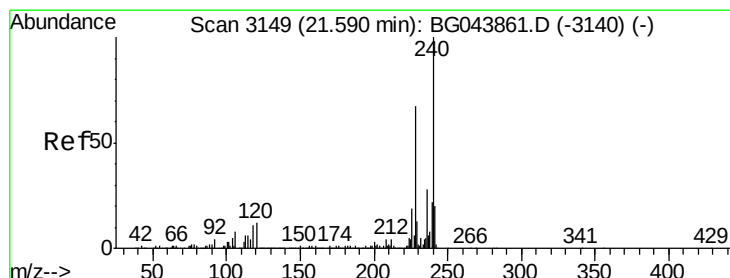
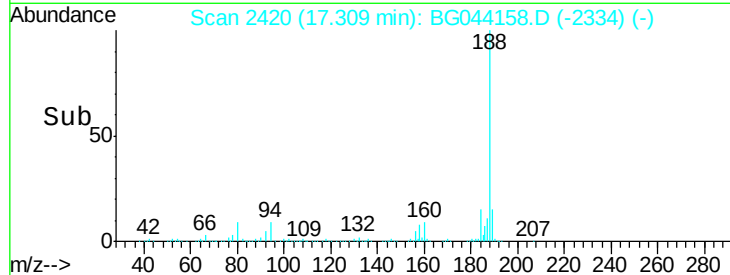
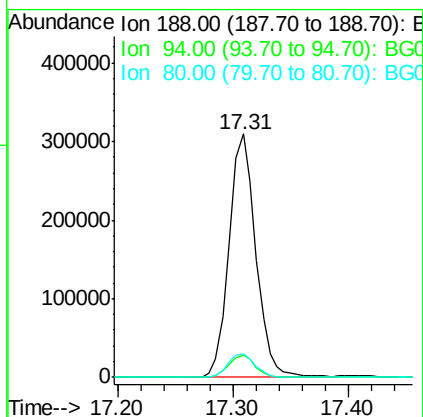
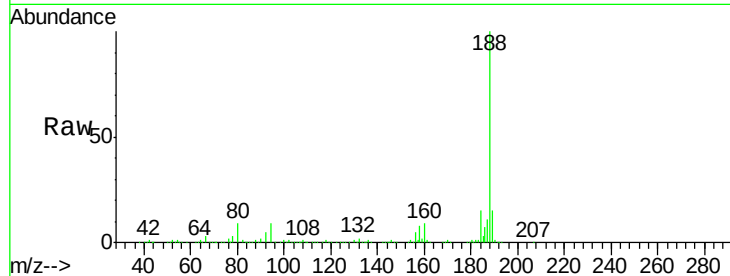




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

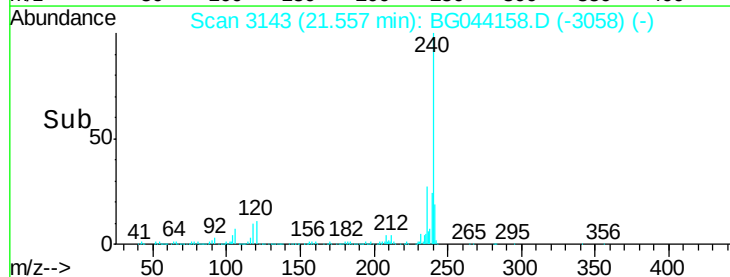
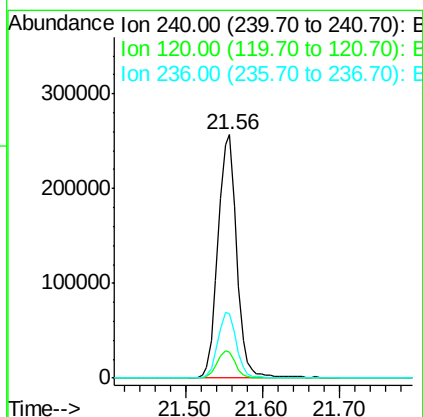
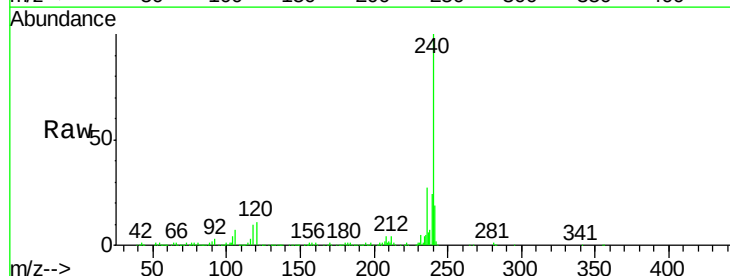
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

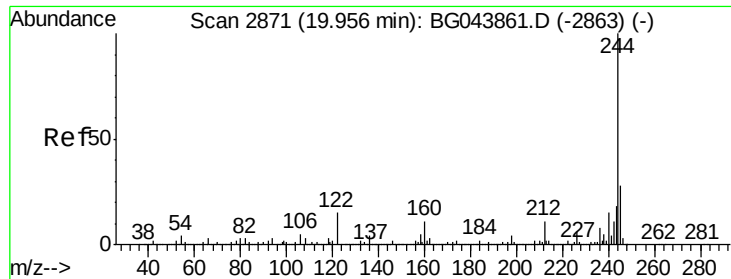
Tot Ion:188 Resp: 497125
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044158.D
Acq: 22 Jan 2020 15:03

Tgt Ion:240 Resp: 432485
Ion Ratio Lower Upper
240 100
120 10.7 9.6 14.4
236 26.7 22.2 33.2





#79

Terphenyl-d14

Concen: 78.060 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044158.D

Acq: 22 Jan 2020 15:03

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

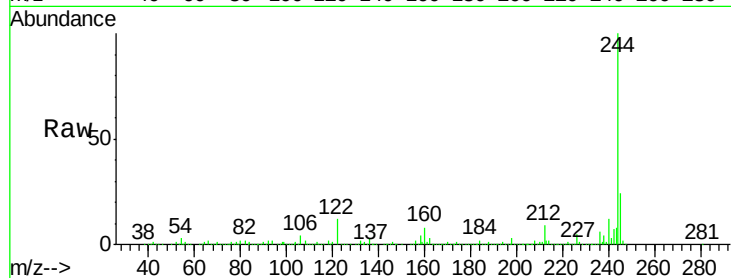
Tot Ion:244 Resp: 1431462

Ion Ratio Lower Upper

244 100

212 8.7 8.6 13.0

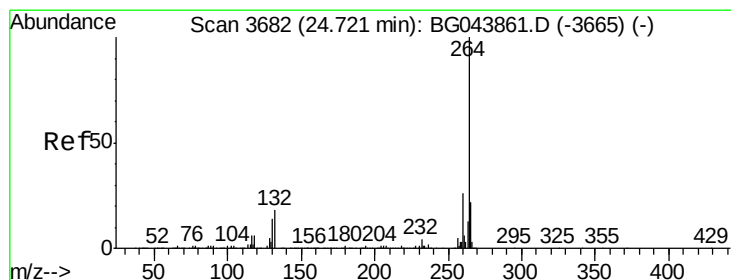
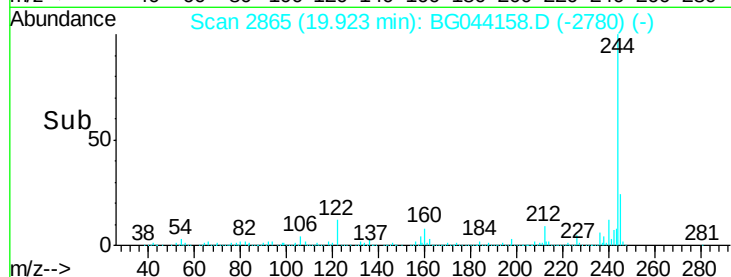
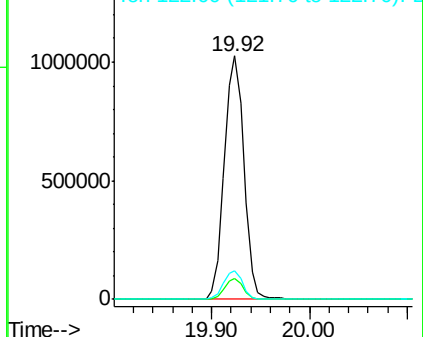
122 11.9 11.9 17.9#



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: BG044158.D

Acq: 22 Jan 2020 15:03

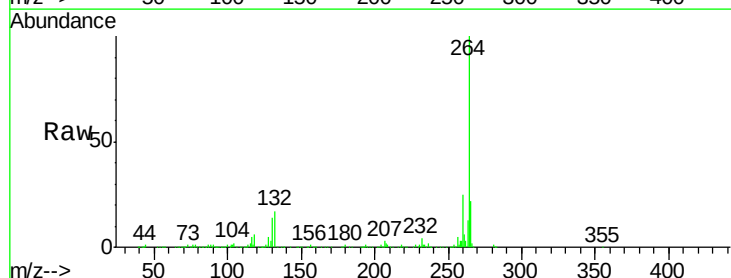
Tgt Ion:264 Resp: 474822

Ion Ratio Lower Upper

264 100

260 25.3 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

