

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044206.D
 Acq On : 25 Jan 2020 7:41
 Operator : CG/JU
 Sample : L1242-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200056-COMP-2

Quant Time: Jan 27 04:52:20 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

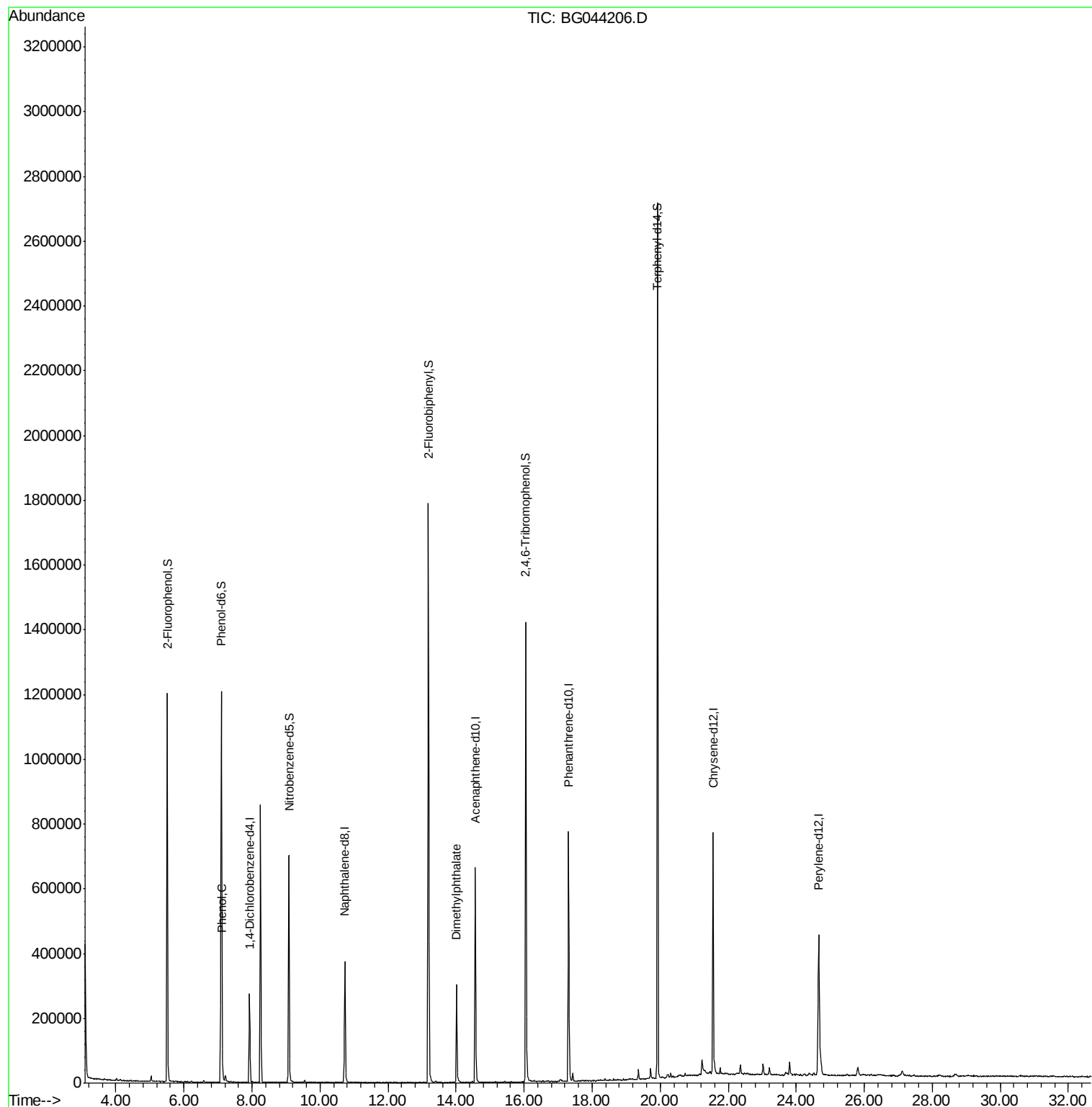
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	79227	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	360426	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	242102	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	486078	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	418679	20.00	ng	-0.03
87) Perylene-d12	24.66	264	462039	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	579724	134.35	ng	-0.03
7) Phenol-d6	7.10	99	789243	130.85	ng	-0.02
23) Nitrobenzene-d5	9.08	82	472070	70.07	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	281719	111.20	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	985629	73.76	ng	-0.03
79) Terphenyl-d14	19.92	244	1243949	67.63	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	37987	6.113	ng	Qvalue 94
50) Dimethylphthalate	14.02	163	228835	13.312	ng	# 98

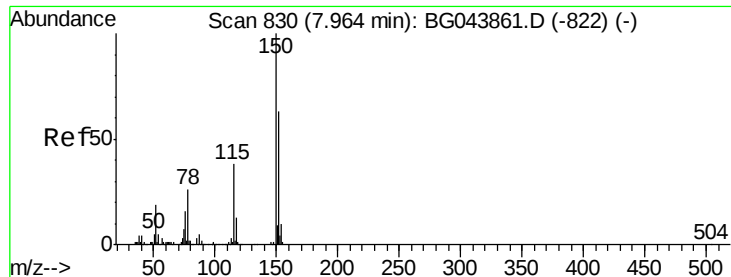
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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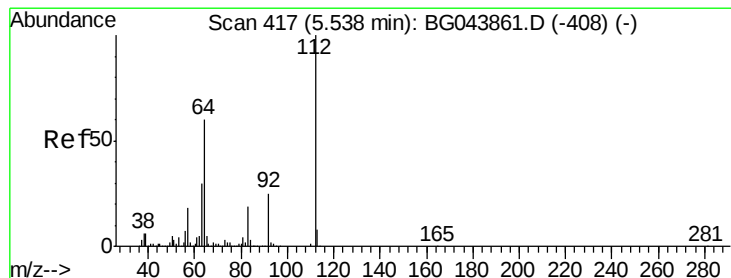
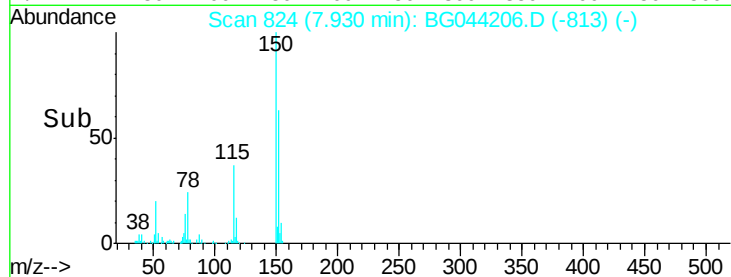
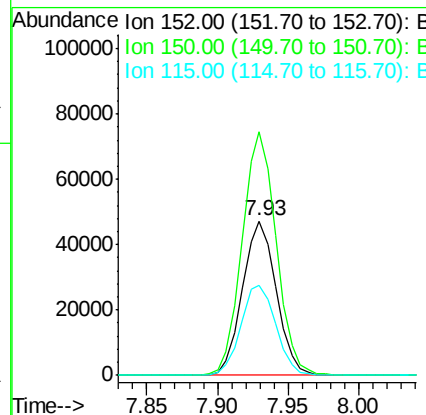
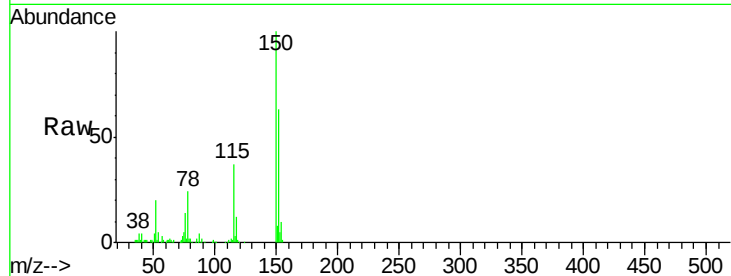


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044206.D
Acq: 25 Jan 2020 7:41

Instrument :
BNA_G
ClientSampleId :
20200056-COMP-2

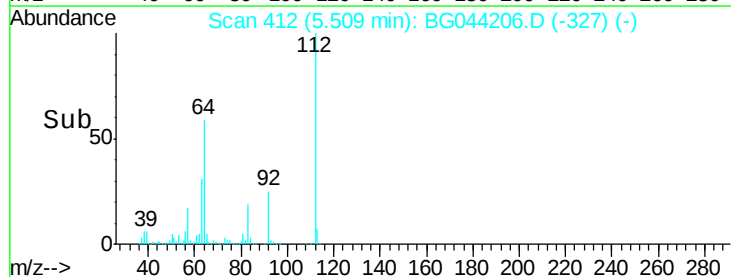
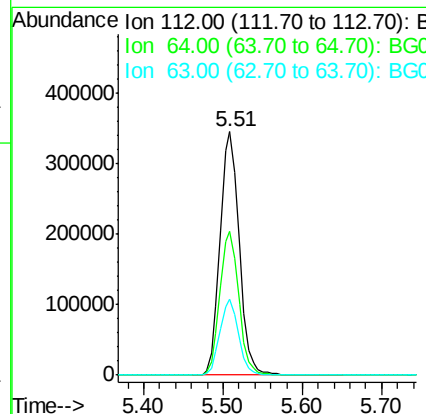
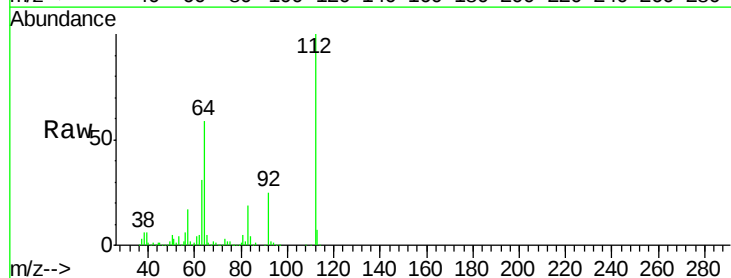
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.0	190.4
115	58.1	47.8	71.8

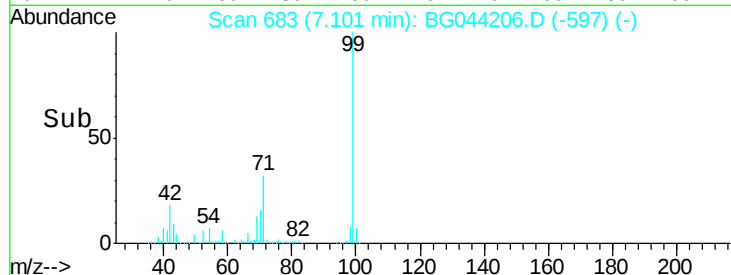
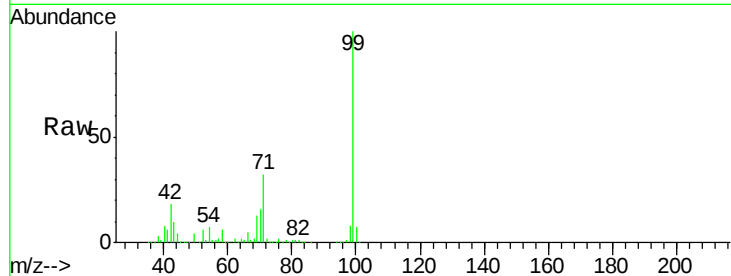
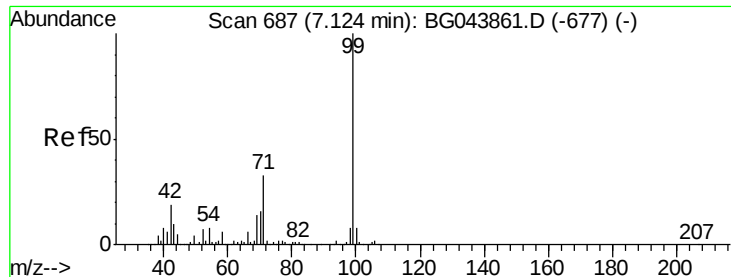


#5

2-Fluorophenol
Concen: 134.354 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044206.D
Acq: 25 Jan 2020 7:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.8	71.6
63	31.0	24.3	36.5





#7

Phenol-d6

Concen: 130.854 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044206.D

Acq: 25 Jan 2020 7:41

Instrument :

BNA_G

ClientSampleId :

20200056-COMP-2

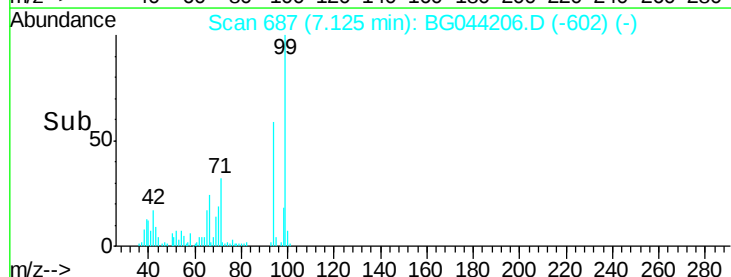
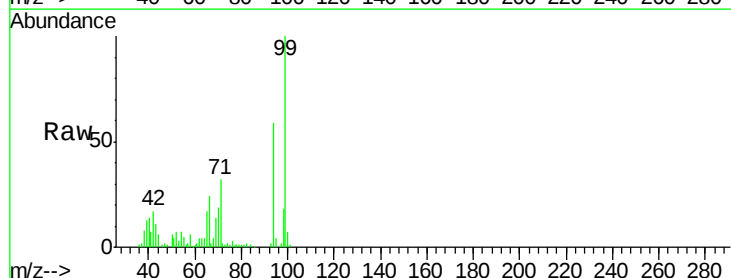
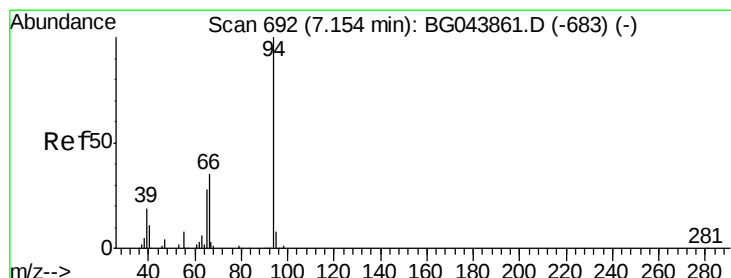
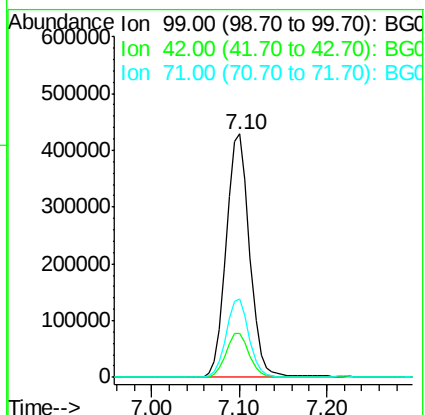
Tot Ion: 99 Resp: 789243

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

71 32.4 26.4 39.6



#10

Phenol

Concen: 6.113 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044206.D

Acq: 25 Jan 2020 7:41

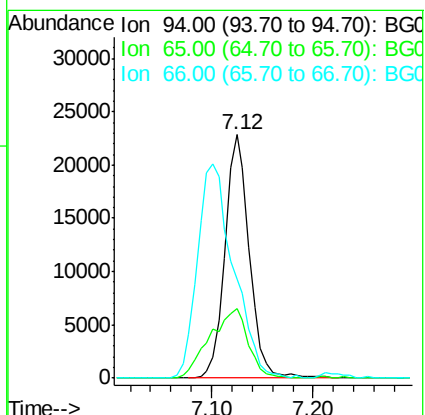
Tgt Ion: 94 Resp: 37987

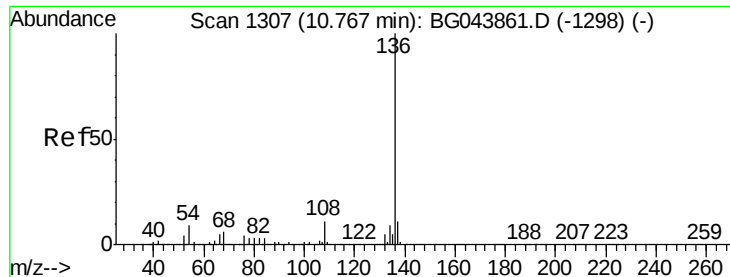
Ion Ratio Lower Upper

94 100

65 28.7 8.1 48.1

66 40.9 15.6 55.6

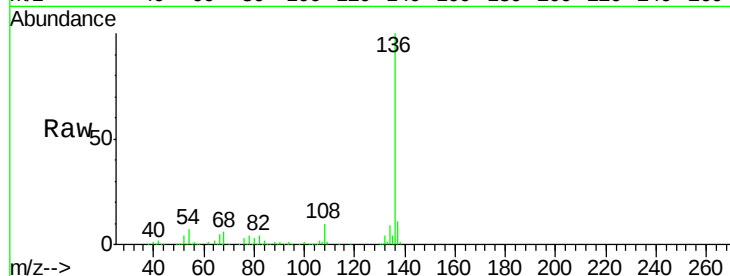




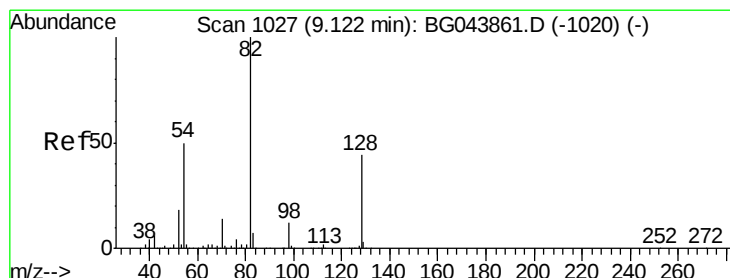
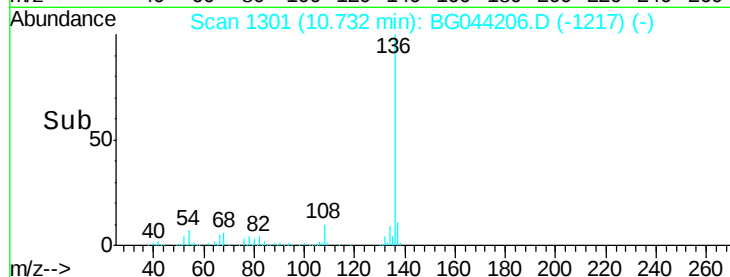
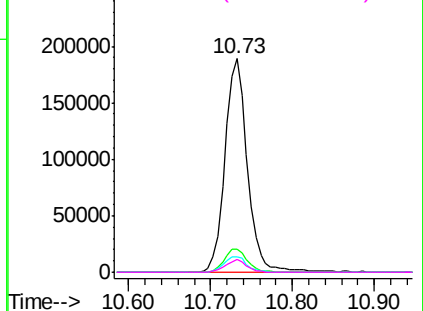
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044206.D
Acq: 25 Jan 2020 7:41

Instrument :
BNA_G
ClientSampleId :
20200056-COMP-2

Tot Ion:136	Resp:	360426
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	7.5	7.0 10.4
68	5.9	4.9 7.3

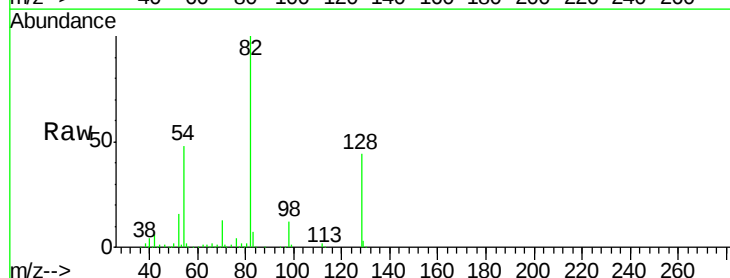


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

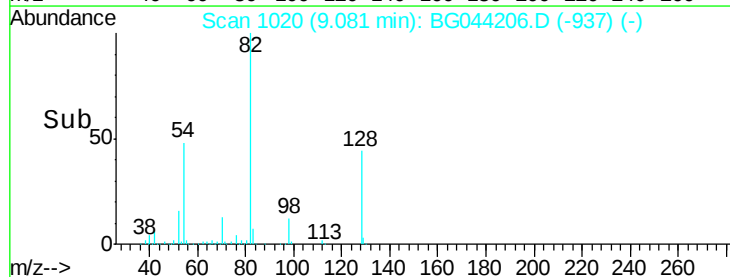
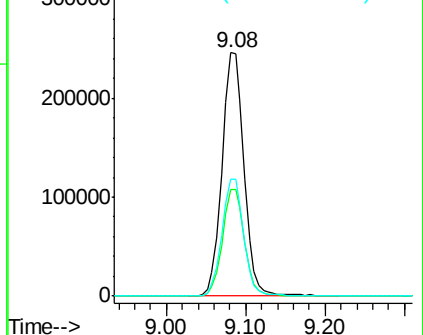


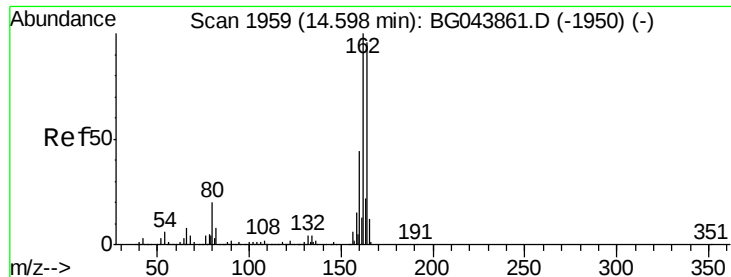
#23
Nitrobenzene-d5
Concen: 70.067 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044206.D
Acq: 25 Jan 2020 7:41

Tgt Ion: 82	Resp:	472070
Ion Ratio	Lower	Upper
82	100	
128	43.7	35.1 52.7
54	48.2	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: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044206.D

Acq: 25 Jan 2020 7:41

Instrument :

BNA_G

ClientSampleId :

20200056-COMP-2

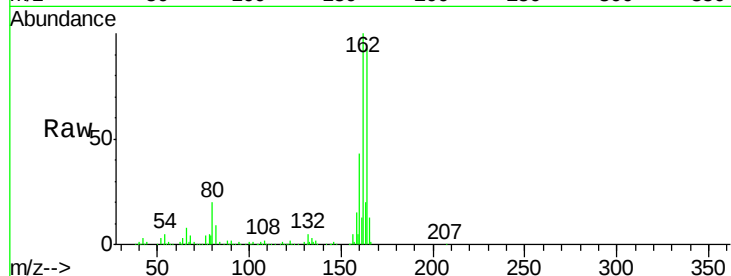
Tot Ion:164 Resp: 242102

Ion Ratio Lower Upper

164 100

162 108.0 83.0 124.4

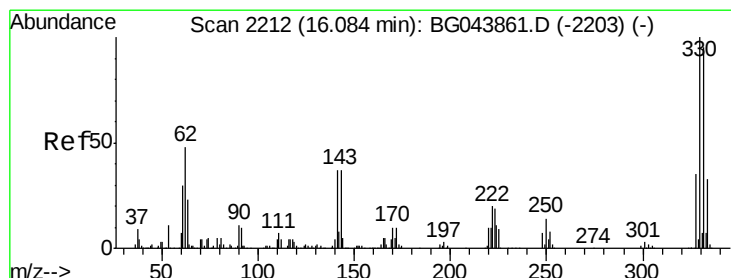
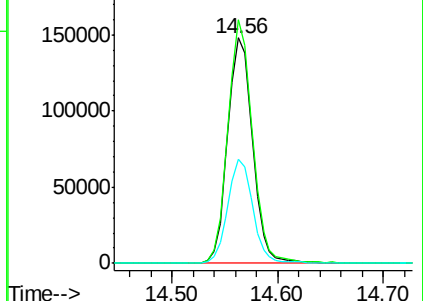
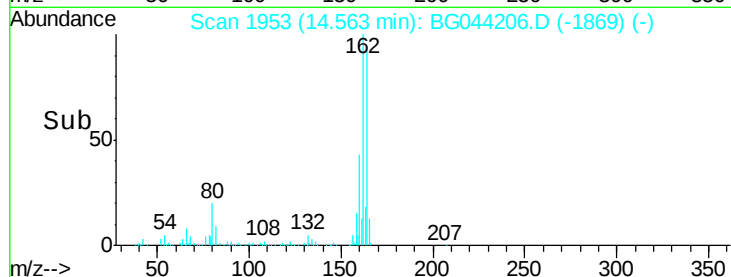
160 46.4 36.1 54.1



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: 111.195 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044206.D

Acq: 25 Jan 2020 7:41

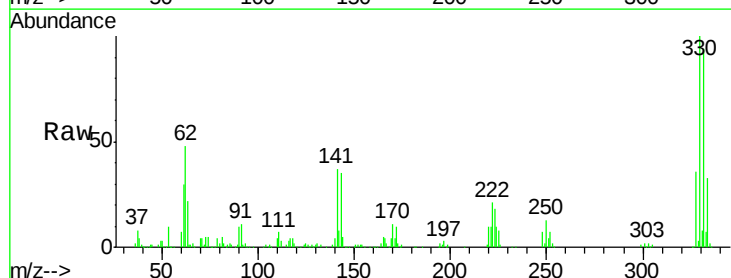
Tgt Ion:330 Resp: 281719

Ion Ratio Lower Upper

330 100

332 94.1 77.2 115.8

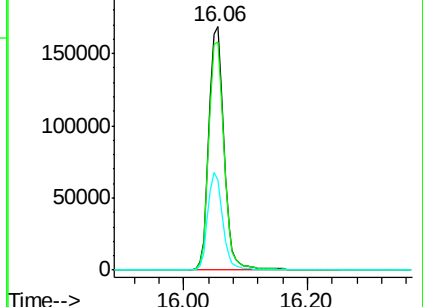
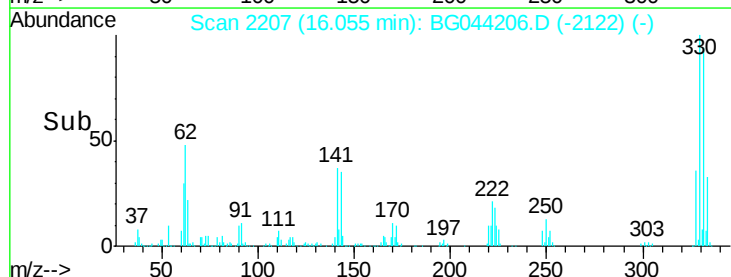
141 39.8 33.1 49.7

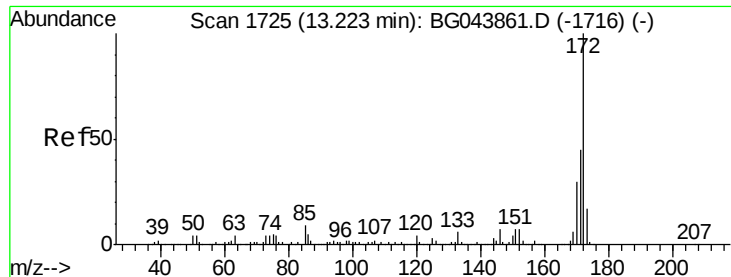


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

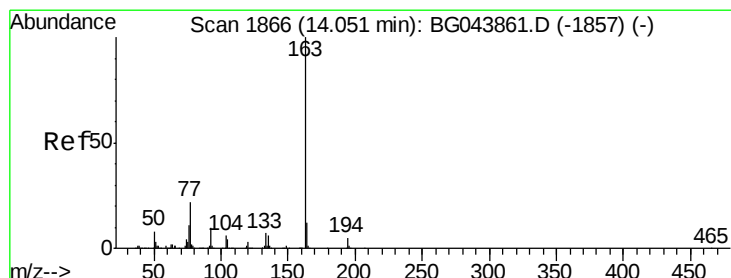
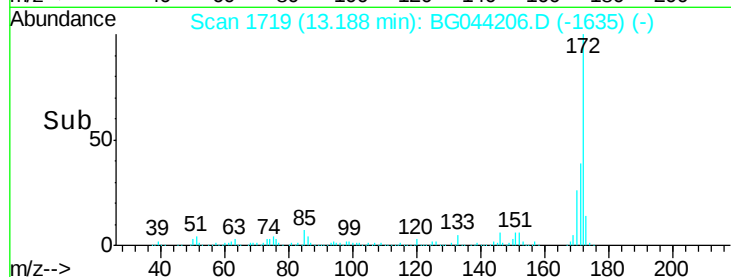
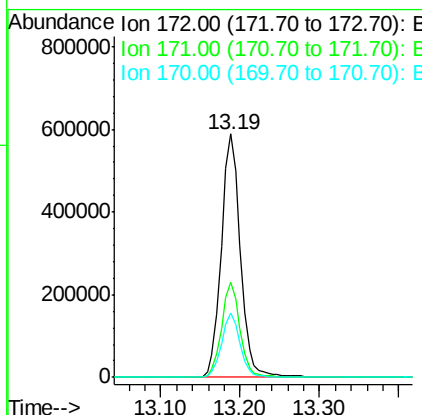
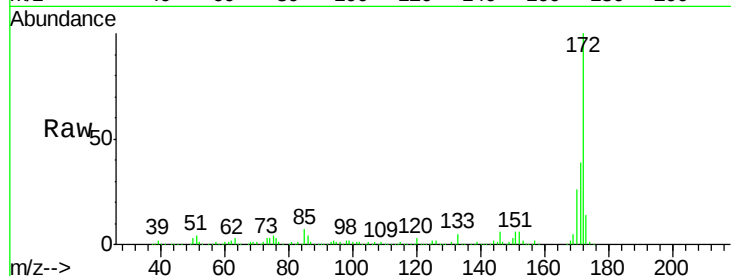




#45
2-Fluorobiphenyl
Concen: 73.759 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044206.D
Acq: 25 Jan 2020 7:41

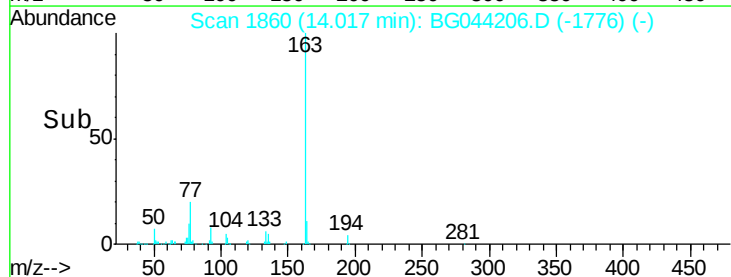
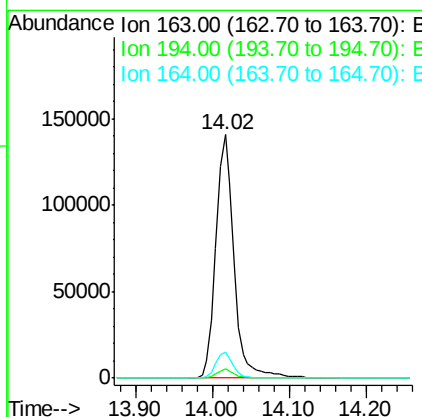
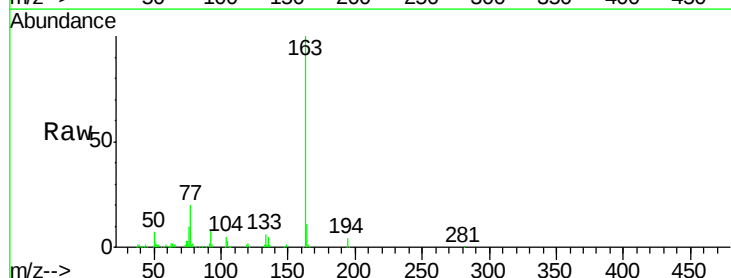
Instrument :
BNA_G
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20200056-COMP-2

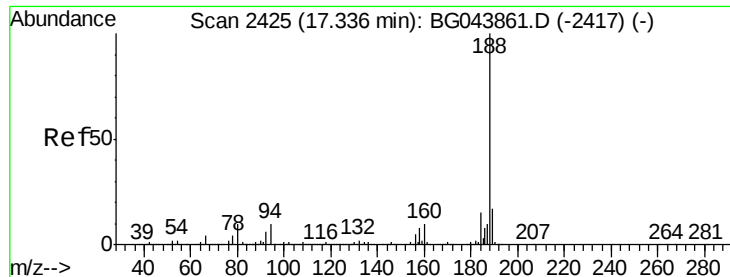
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	35.8	53.8
170	26.3	24.2	36.4



#50
Dimethylphthalate
Concen: 13.312 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044206.D
Acq: 25 Jan 2020 7:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.7	5.5#
164	10.7	9.3	13.9

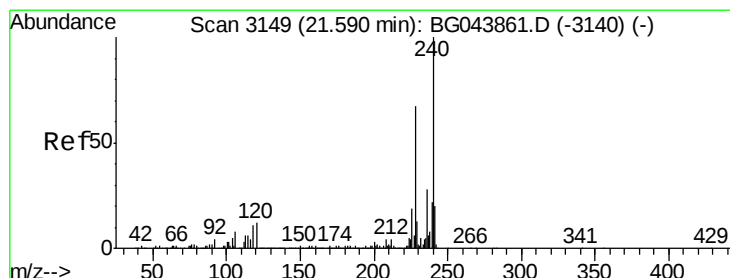
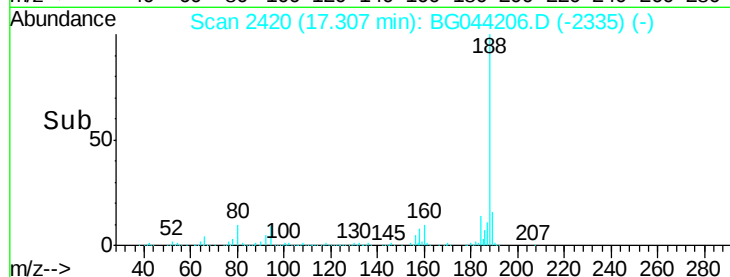
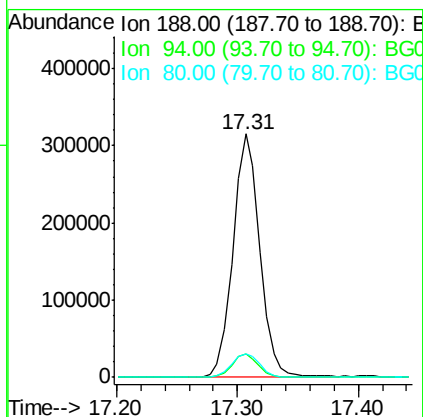
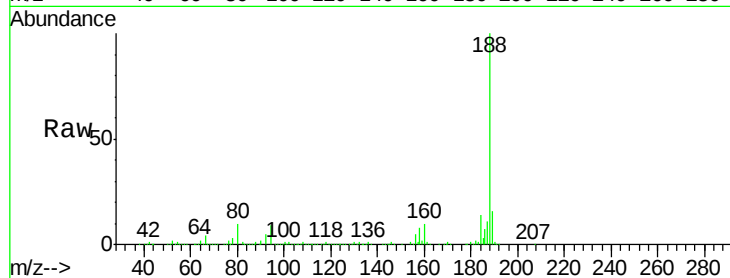




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044206.D
Acq: 25 Jan 2020 7:41

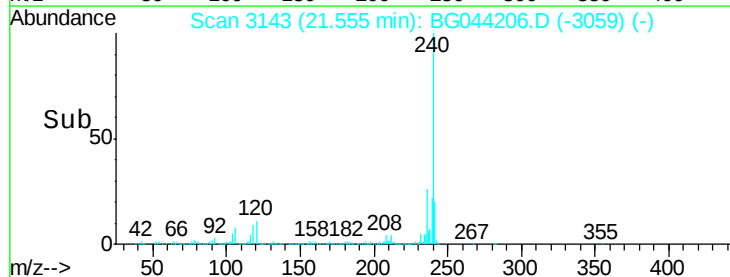
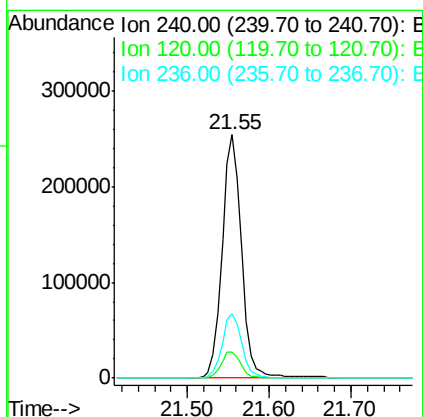
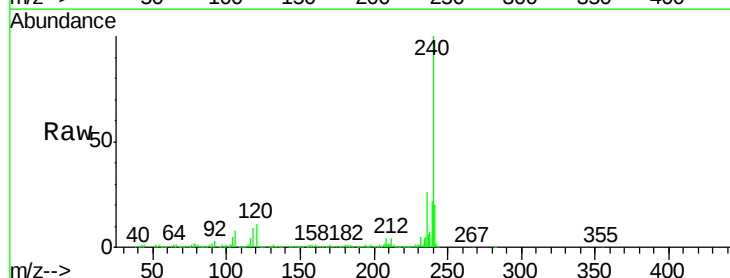
Instrument :
BNA_G
ClientSampleId :
20200056-COMP-2

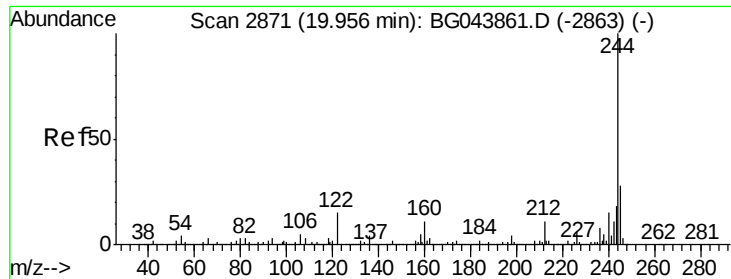
Tot Ion:188 Resp: 486078
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 9.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044206.D
Acq: 25 Jan 2020 7:41

Tgt Ion:240 Resp: 418679
Ion Ratio Lower Upper
240 100
120 10.6 9.6 14.4
236 26.4 22.2 33.2





#79

Terphenyl-d14

Concen: 67.625 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044206.D

Acq: 25 Jan 2020 7:41

Instrument :

BNA_G

ClientSampleId :

20200056-COMP-2

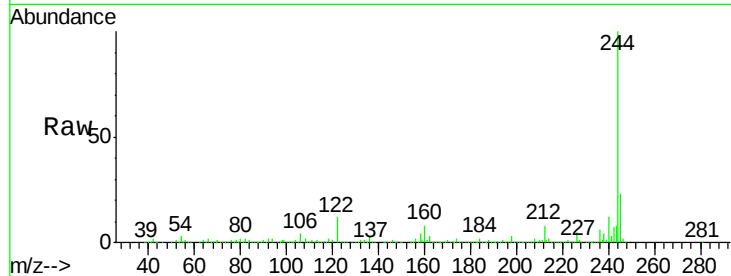
Tot Ion:244 Resp: 1243949

Ion	Ratio	Lower	Upper
244	100		
212	8.2	8.6	13.0#
122	11.7	11.9	17.9#

244 100

212 8.2 8.6 13.0#

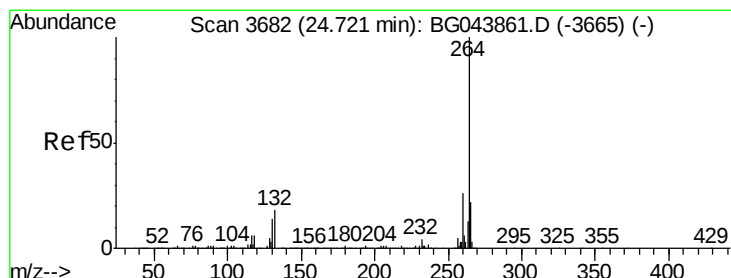
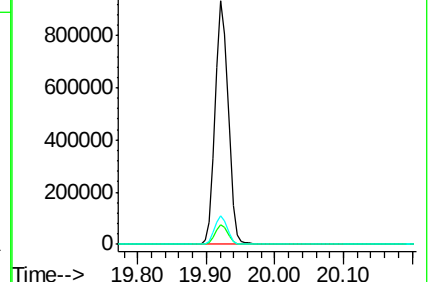
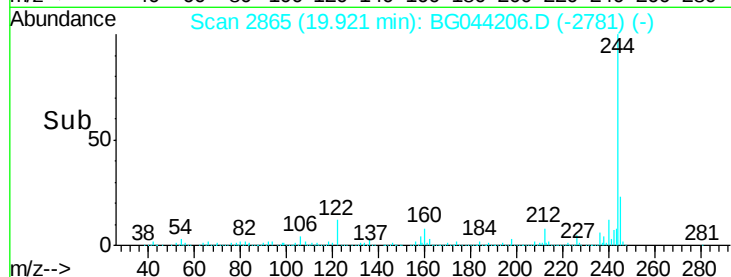
122 11.7 11.9 17.9#



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: BG044206.D

Acq: 25 Jan 2020 7:41

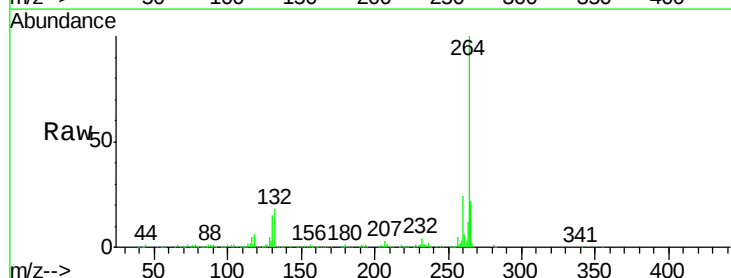
Tgt Ion:264 Resp: 462039

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.4	30.6
265	21.9	17.4	26.2

264 100

260 23.7 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

