

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044225.D
 Acq On : 27 Jan 2020 21:26
 Operator : CG/JU
 Sample : L1269-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMP

Quant Time: Jan 28 02:15:22 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

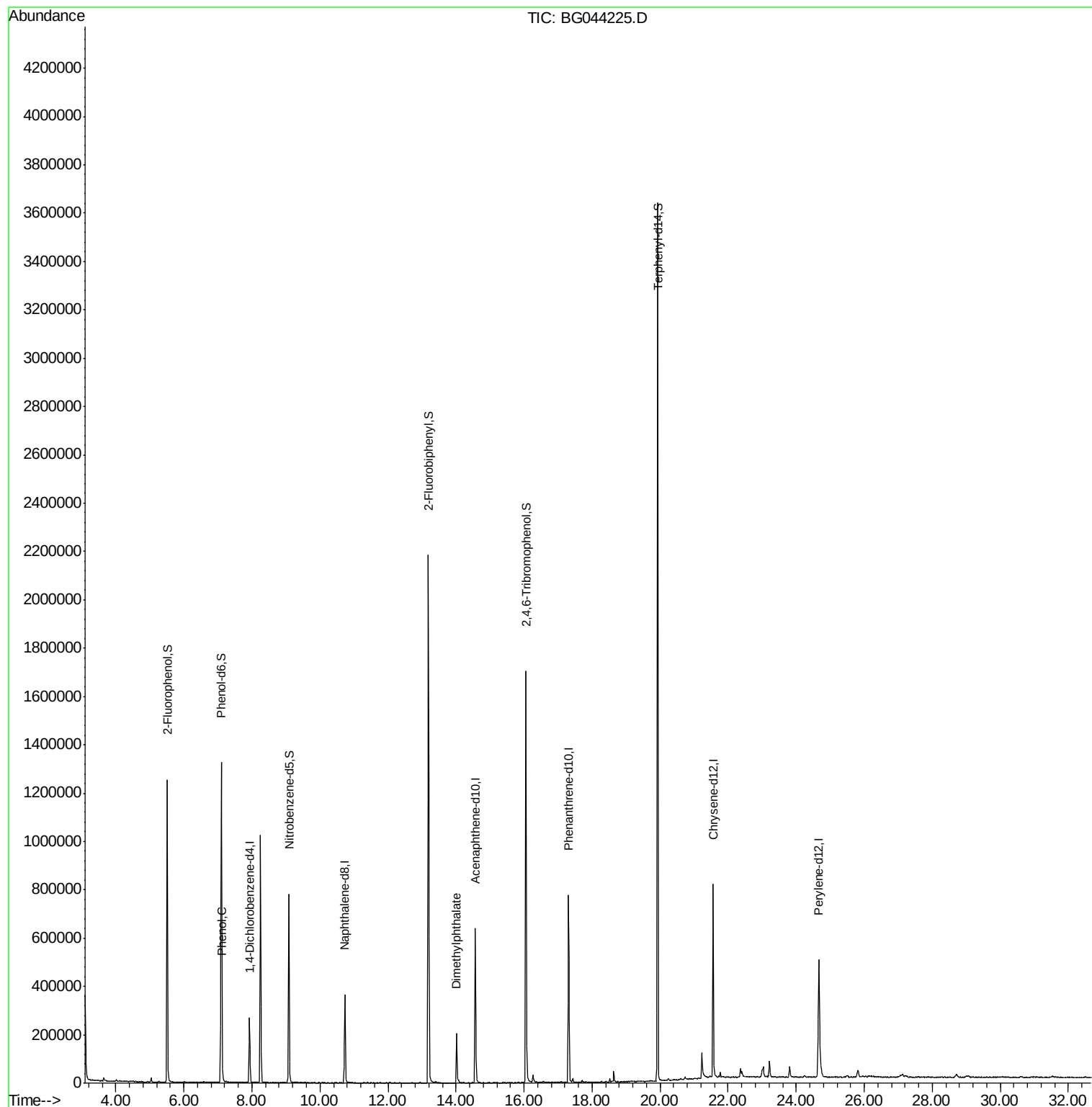
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	78811	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	352494	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	244433	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	524648	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	459831	20.00	ng	-0.03
87) Perylene-d12	24.67	264	513536	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	625861	145.81	ng	-0.03
7) Phenol-d6	7.10	99	852494	142.09	ng	-0.02
23) Nitrobenzene-d5	9.09	82	520589	79.01	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	352624	137.85	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1222753	90.63	ng	-0.03
79) Terphenyl-d14	19.93	244	1753864	94.71	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	27731	4.486	ng	97
50) Dimethylphthalate	14.02	163	173351	9.988	ng	97

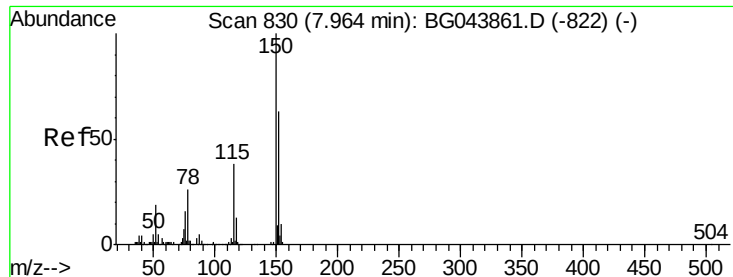
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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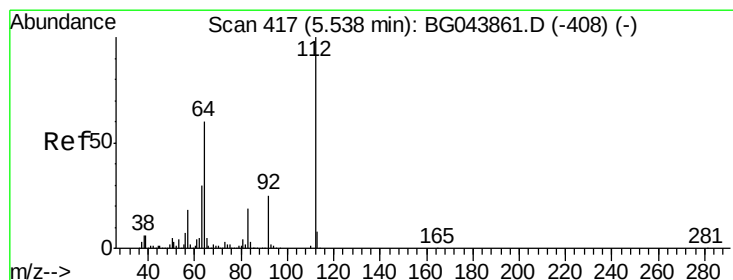
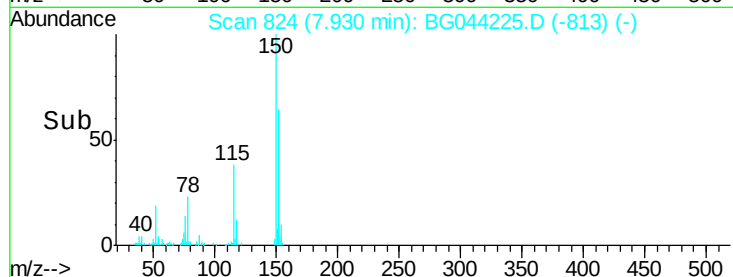
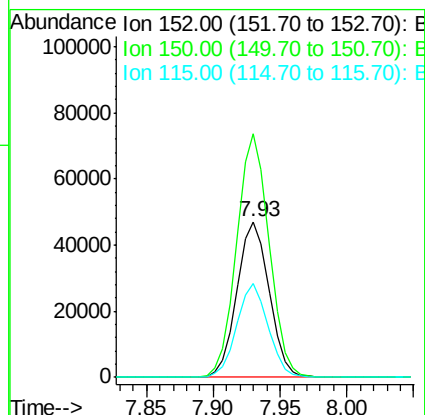
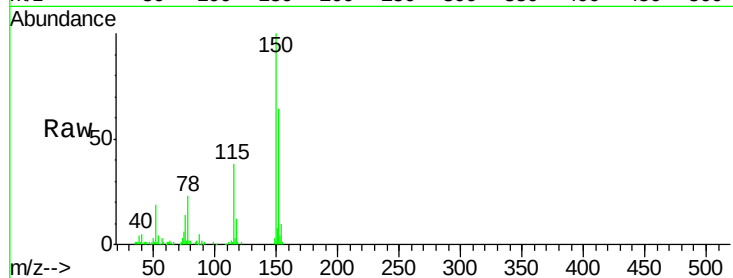


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMP

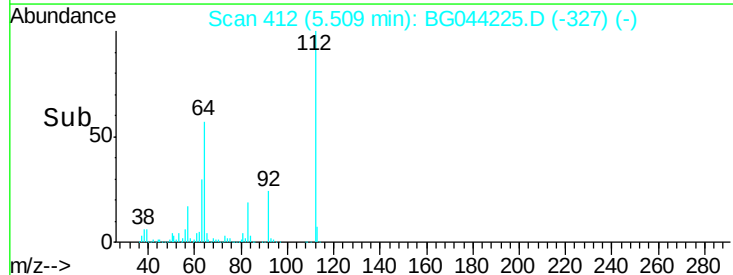
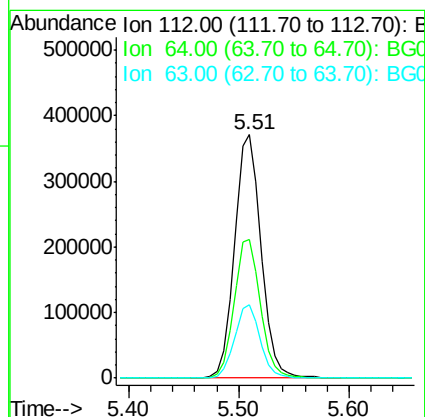
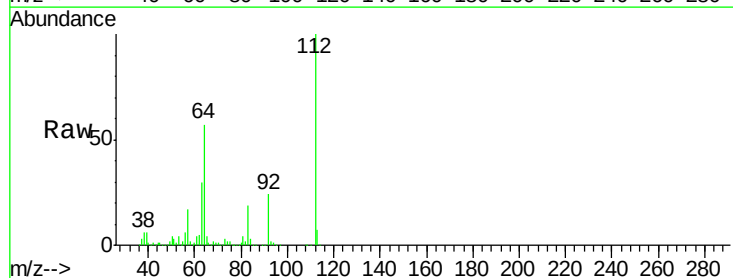
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.0	190.4
115	60.1	47.8	71.8

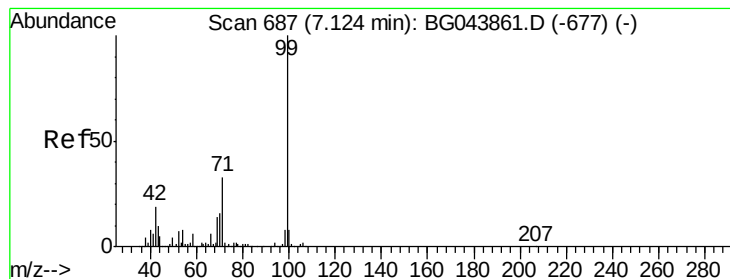


#5

2-Fluorophenol
Concen: 145.812 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.8	71.6
63	30.0	24.3	36.5





#7

Phenol-d6

Concen: 142.087 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMP

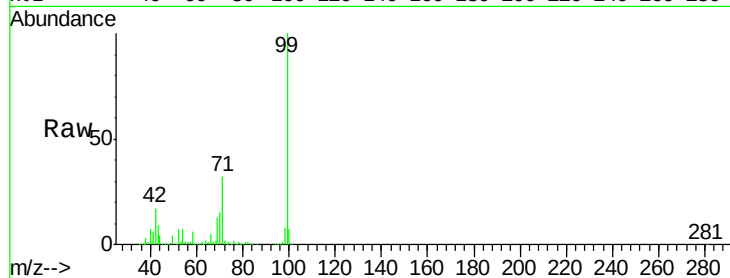
Tot Ion: 99 Resp: 852494

Ion Ratio Lower Upper

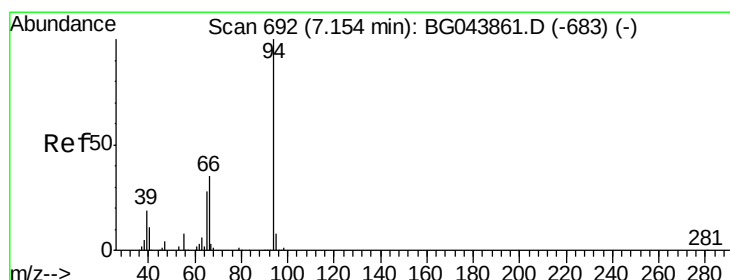
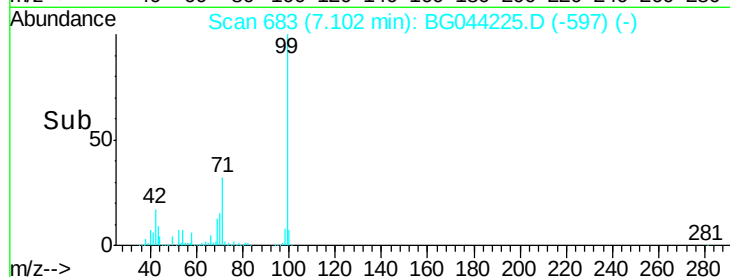
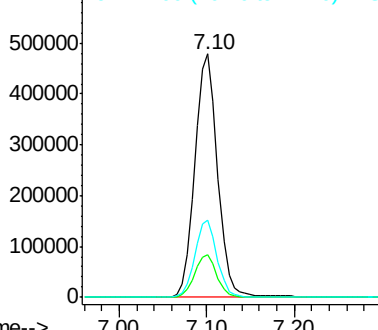
99 100

42 17.4 14.9 22.3

71 31.7 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: 4.486 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

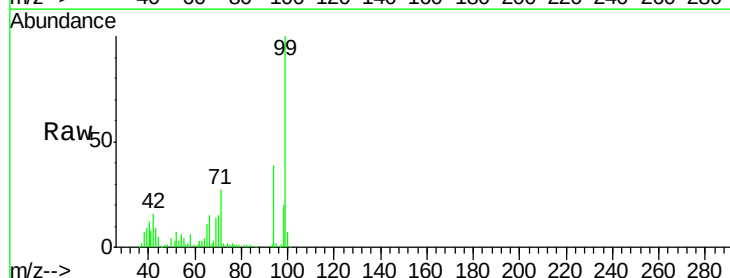
Tgt Ion: 94 Resp: 27731

Ion Ratio Lower Upper

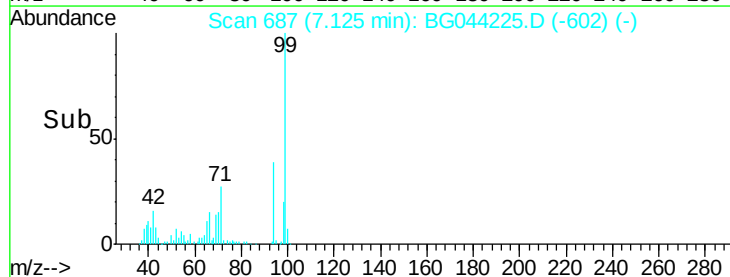
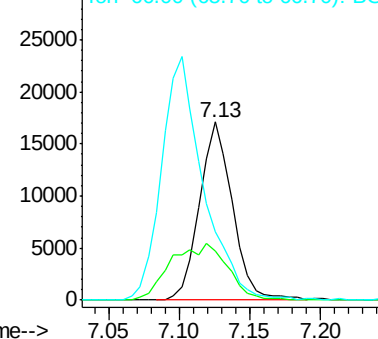
94 100

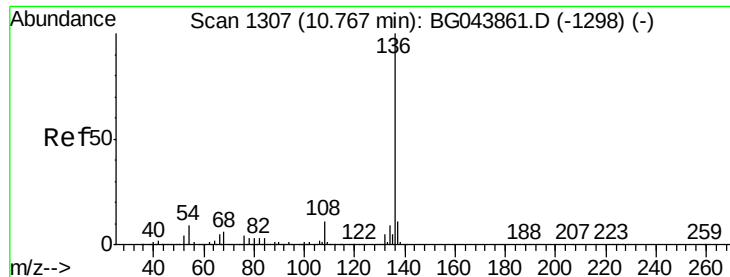
65 27.4 8.1 48.1

66 38.2 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

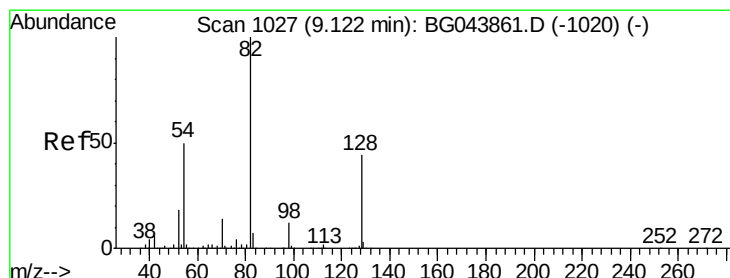
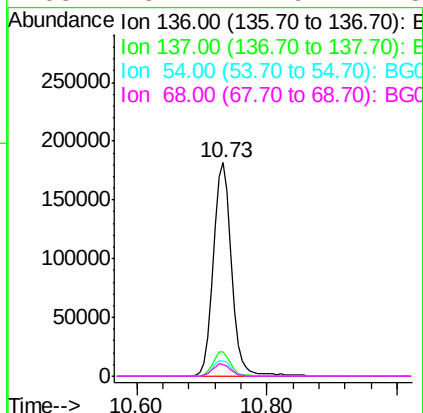
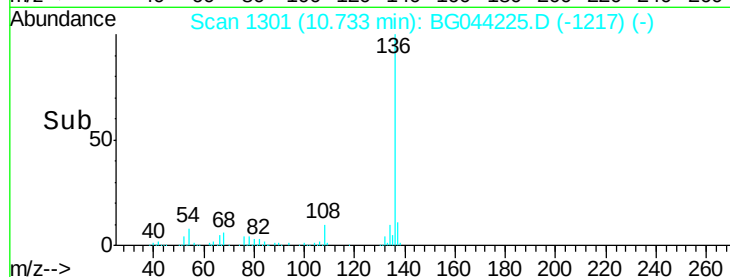
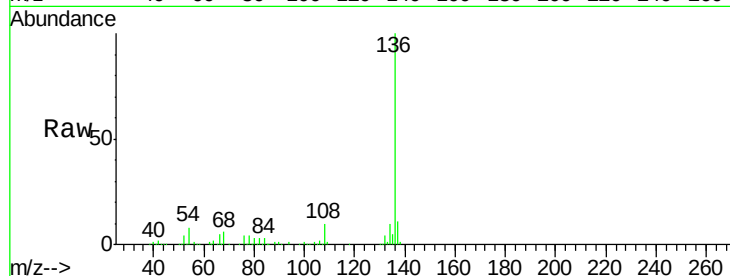




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

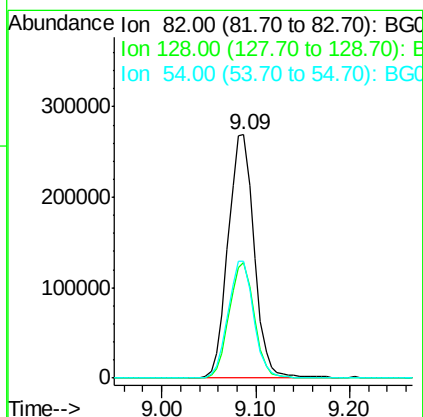
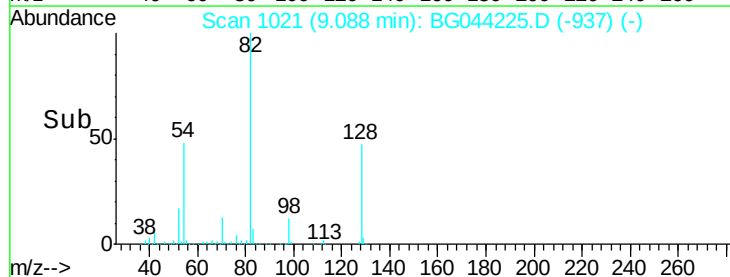
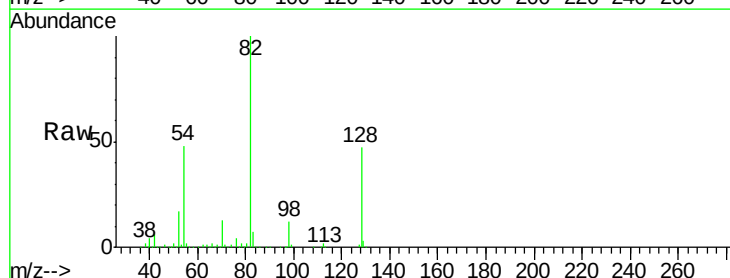
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMP

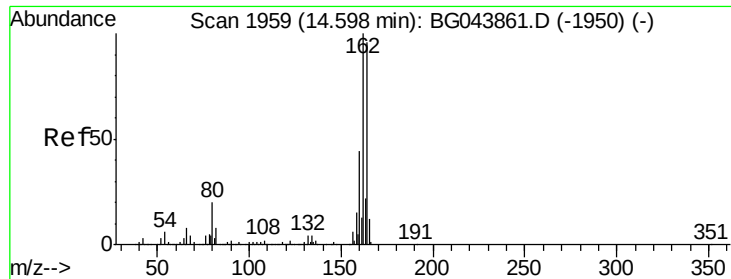
Tot Ion:136	Resp:	352494
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 7.5	7.0	10.4
68 5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 79.007 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

Tgt Ion: 82	Resp: 520589
Ion Ratio	Lower Upper
82 100	
128 47.4	35.1 52.7
54 48.1	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMP

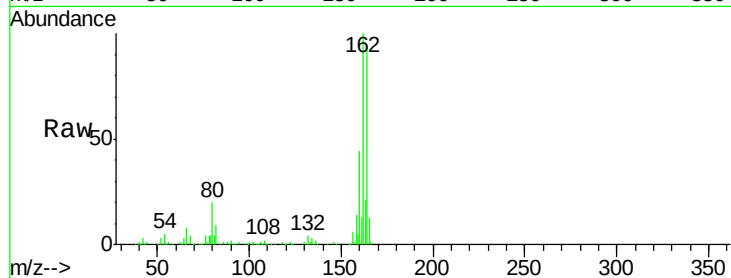
Tot Ion:164 Resp: 244433

Ion Ratio Lower Upper

164 100

162 106.8 83.0 124.4

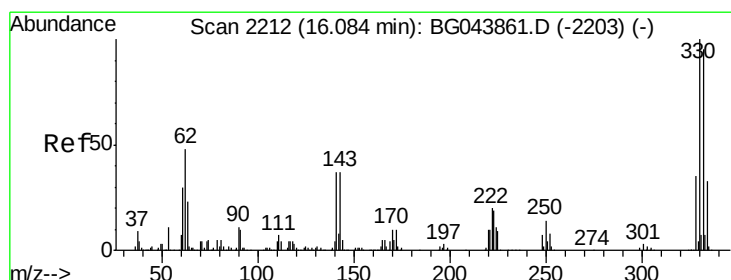
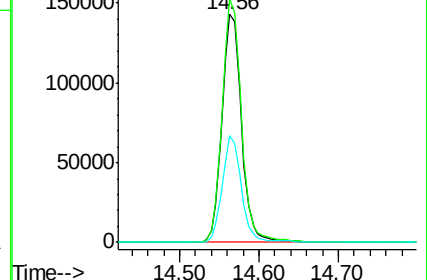
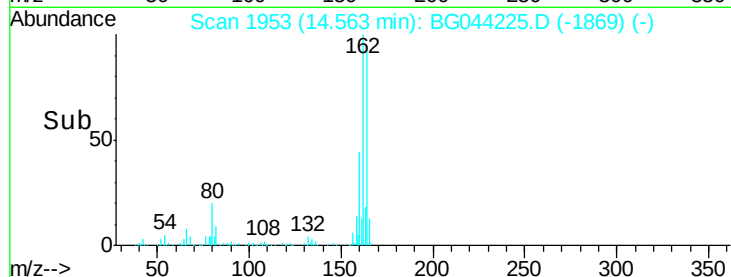
160 46.6 36.1 54.1



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: 137.855 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

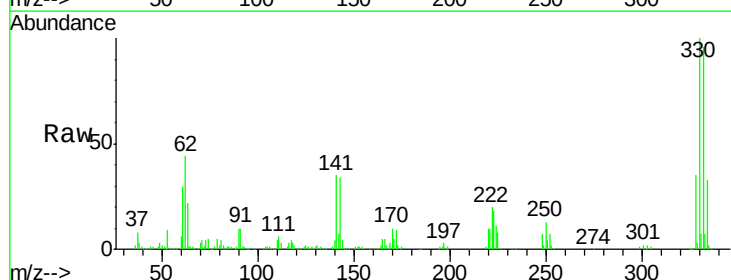
Tgt Ion:330 Resp: 352624

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

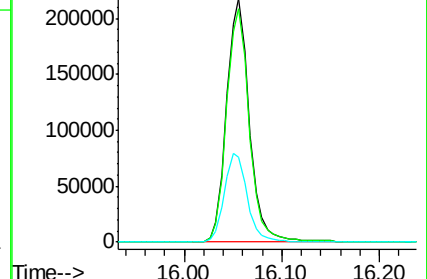
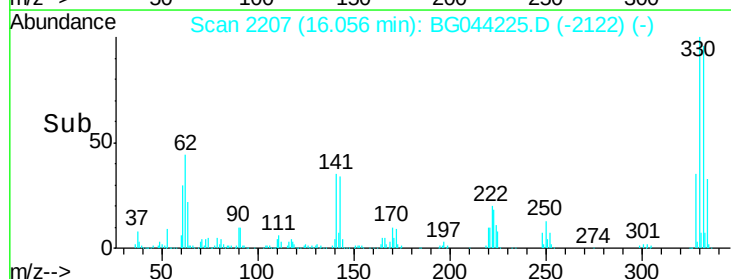
141 36.9 33.1 49.7

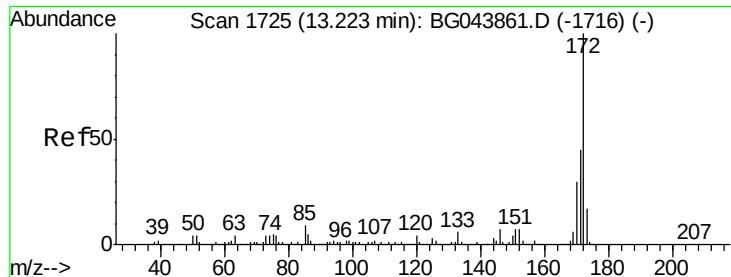


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

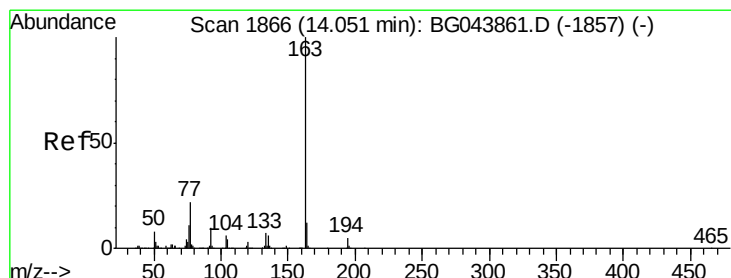
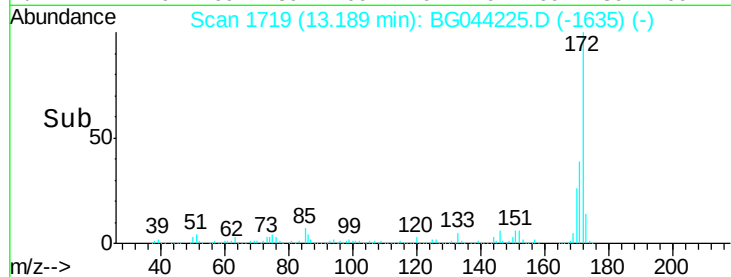
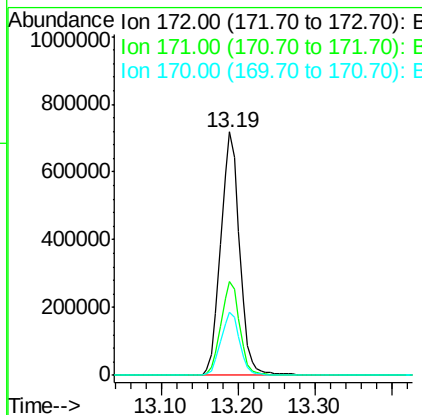
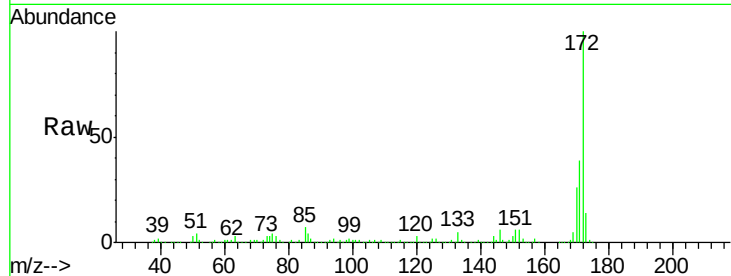




#45
2-Fluorobiphenyl
Concen: 90.632 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

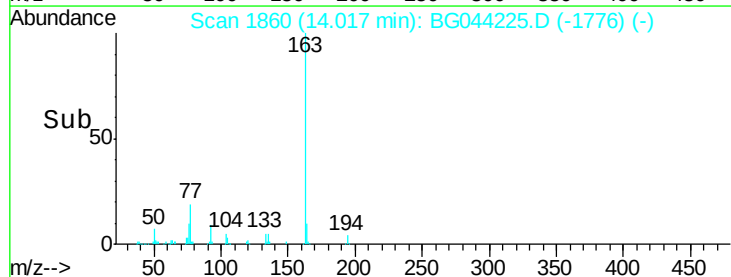
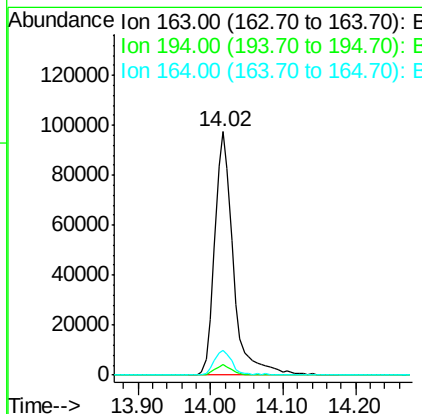
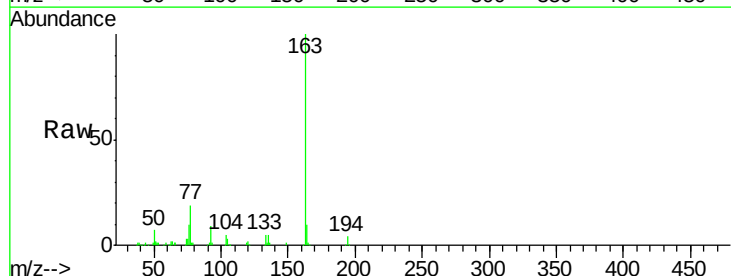
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMP

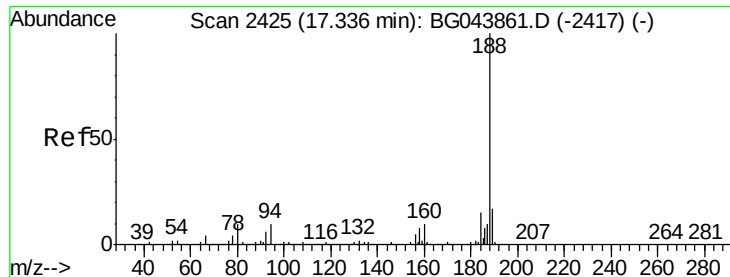
Tot Ion:172 Resp: 1222753
Ion Ratio Lower Upper
172 100
171 38.6 35.8 53.8
170 26.0 24.2 36.4



#50
Dimethylphthalate
Concen: 9.988 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044225.D
Acq: 27 Jan 2020 21:26

Tgt Ion:163 Resp: 173351
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 10.1 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: BG044225.D

Acq: 27 Jan 2020 21:26

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMP

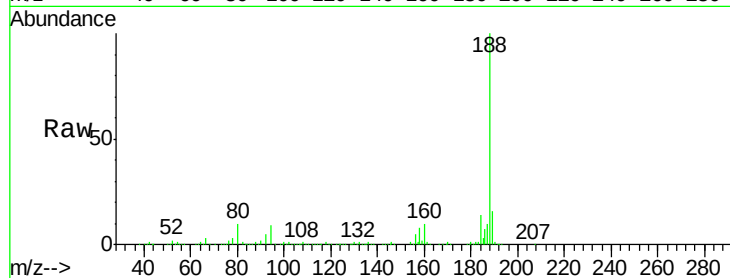
Tot Ion:188 Resp: 524648

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

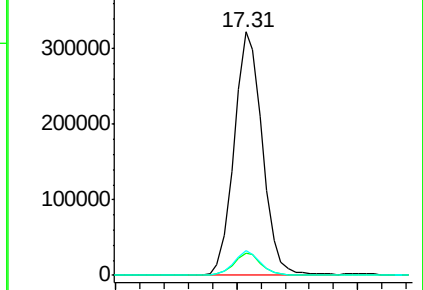
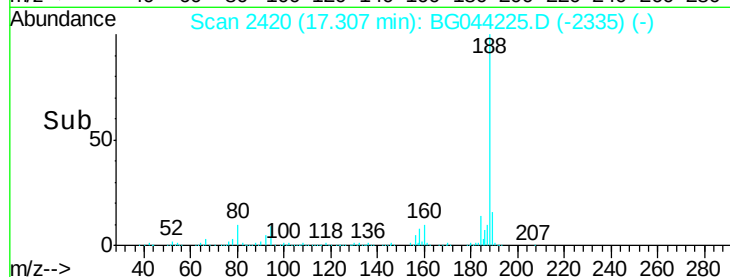
80 10.0 8.2 12.4



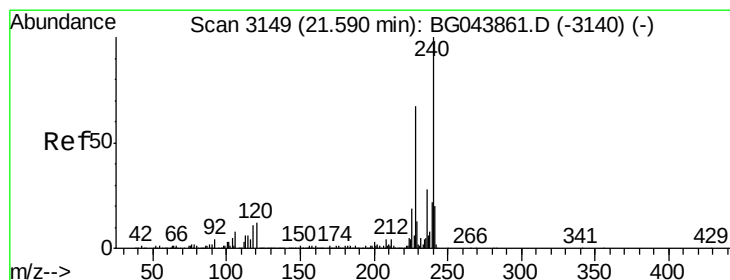
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.20 17.30 17.40



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

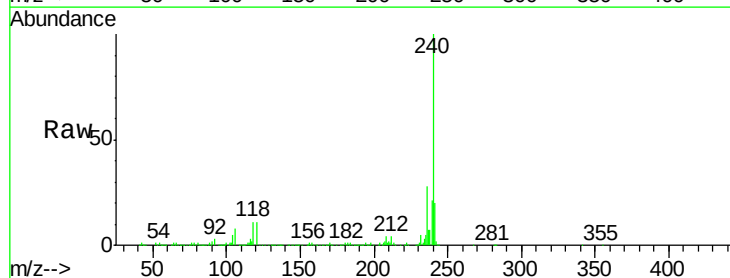
Tgt Ion:240 Resp: 459831

Ion Ratio Lower Upper

240 100

120 11.2 9.6 14.4

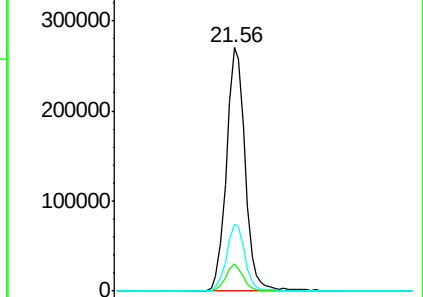
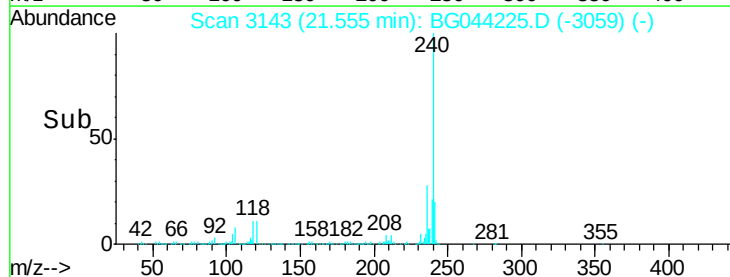
236 27.7 22.2 33.2



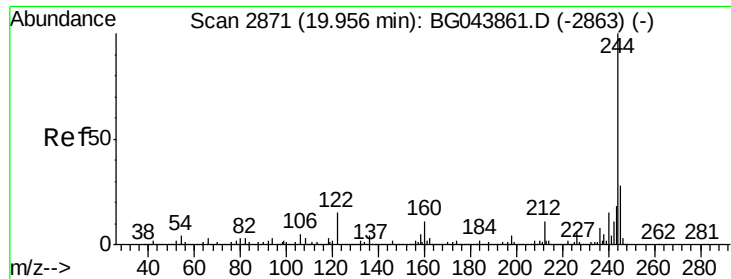
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.40 21.50 21.60 21.70



#79

Terphenyl-d14

Concen: 94.715 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

Instrument :

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ClientSampleId :

TP-22-21-COMP

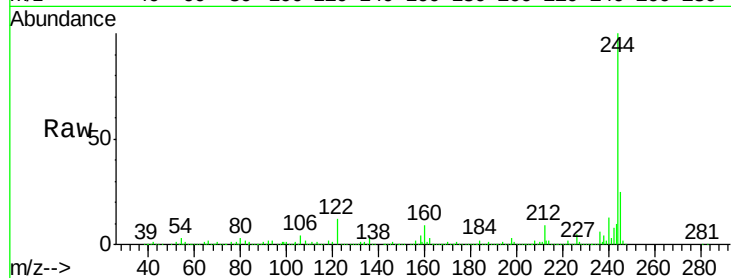
Tot Ion:244 Resp: 1753864

Ion Ratio Lower Upper

244 100

212 9.2 8.6 13.0

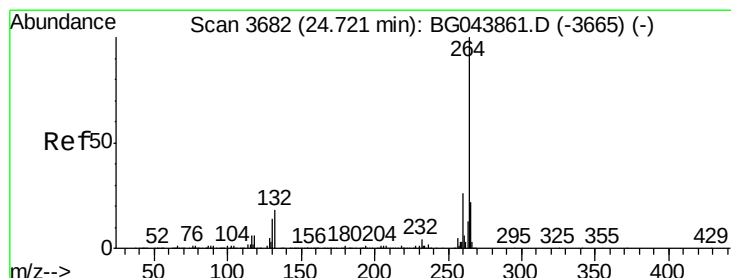
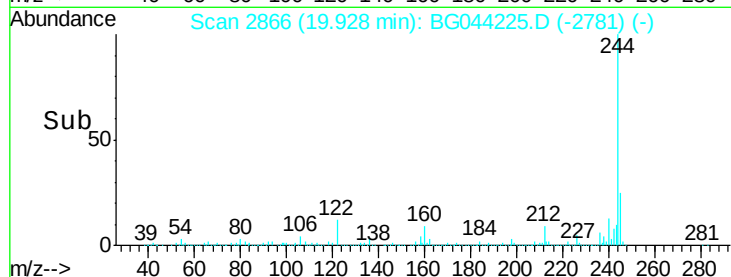
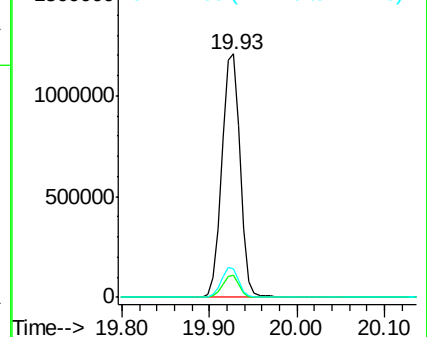
122 11.7 11.9 17.9#



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: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044225.D

Acq: 27 Jan 2020 21:26

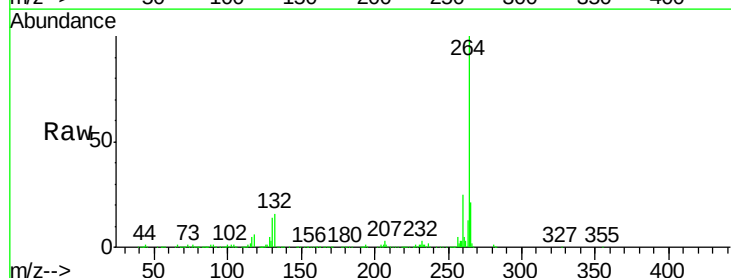
Tgt Ion:264 Resp: 513536

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 21.1 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

