

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044131.D
 Acq On : 21 Jan 2020 13:25
 Operator : JU
 Sample : L1188-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2-15-30

Quant Time: Jan 21 14:02:54 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

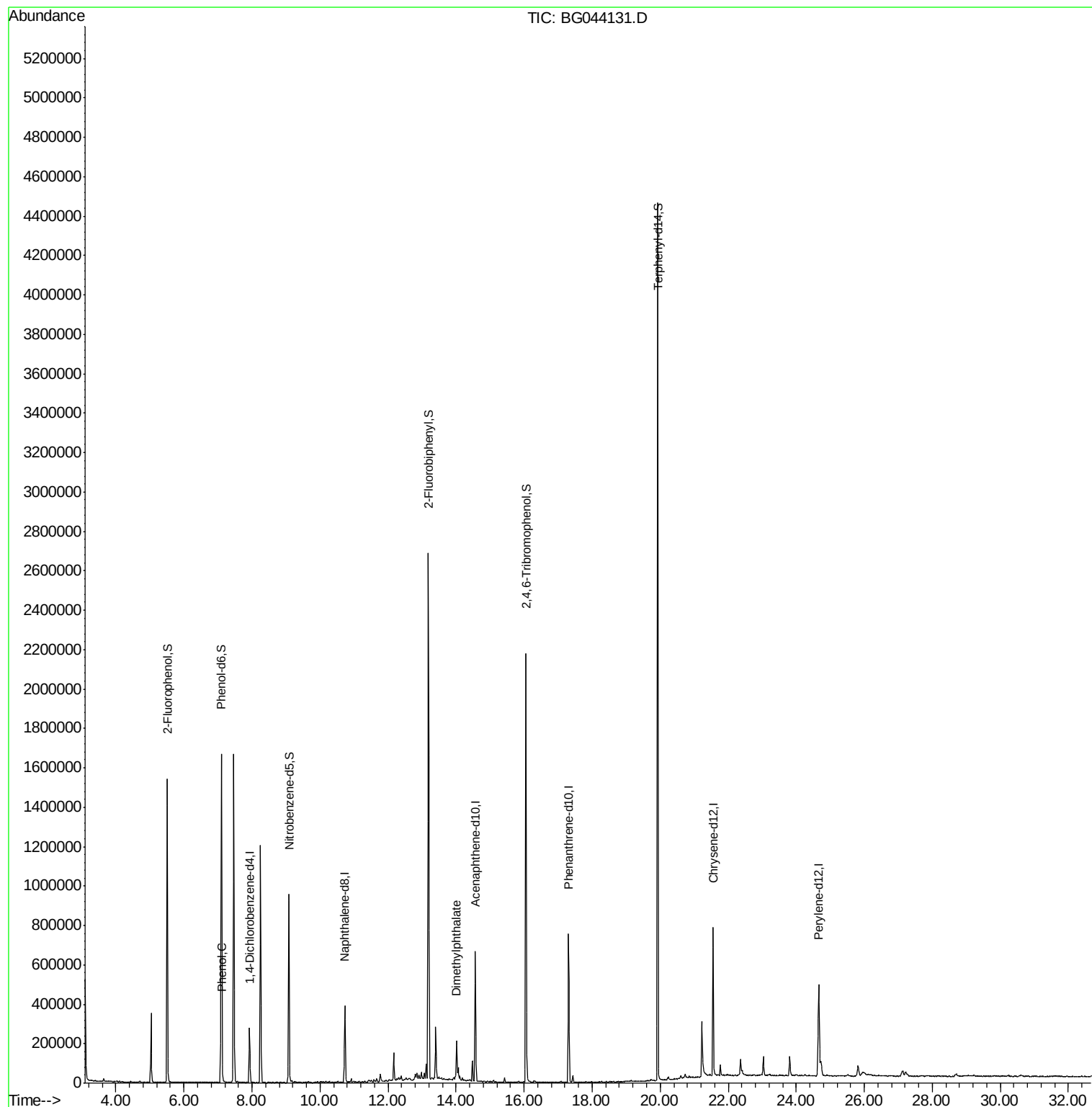
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	77304	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	344769	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	235057	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	501672	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	425902	20.00	ng	-0.03
87) Perylene-d12	24.66	264	470875	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	729793	173.34	ng	-0.03
7) Phenol-d6	7.10	99	1059444	180.02	ng	-0.02
23) Nitrobenzene-d5	9.09	82	616958	95.73	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	412564	167.72	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1392307	107.32	ng	-0.03
79) Terphenyl-d14	19.93	244	2021848	130.53	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	12550	2.070	ng	90
50) Dimethylphthalate	14.02	163	149599	8.963	ng	98

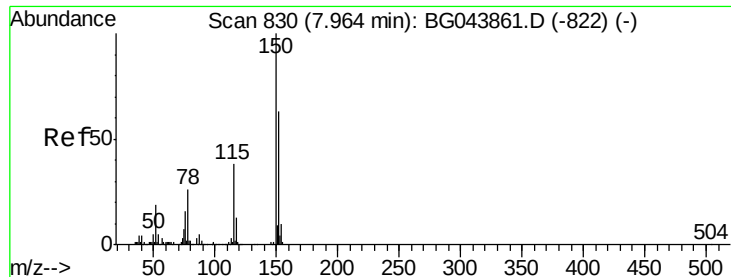
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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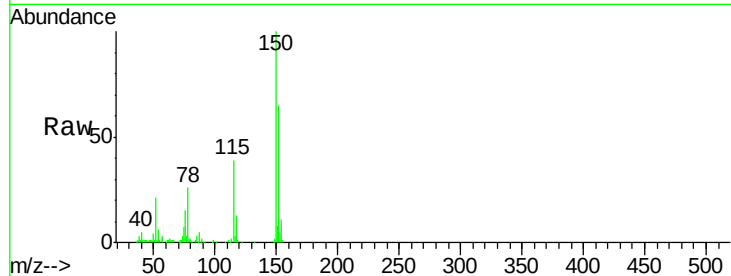


#1

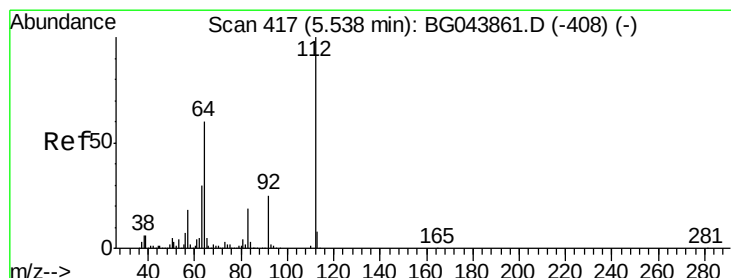
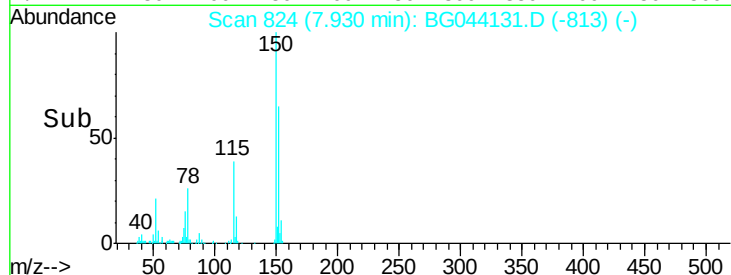
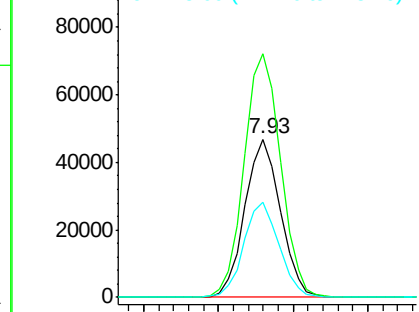
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044131.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_G
ClientSampleId :
B2-15-30

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	127.0	190.4
115	60.5	47.8	71.8



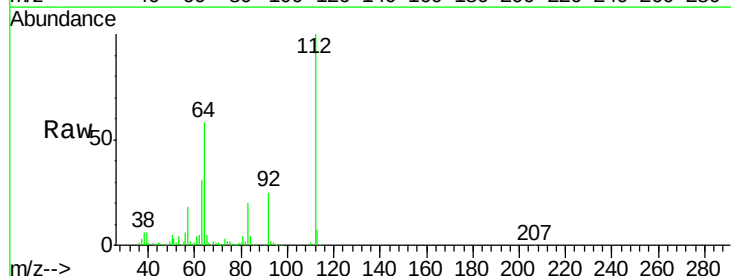
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



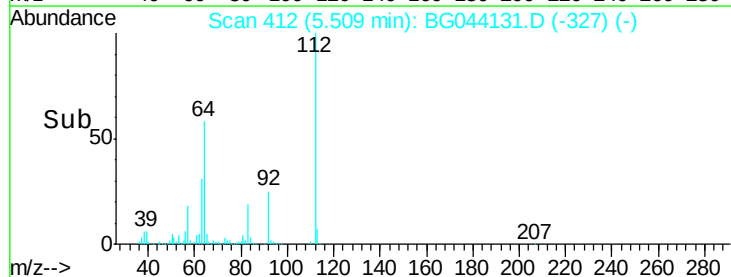
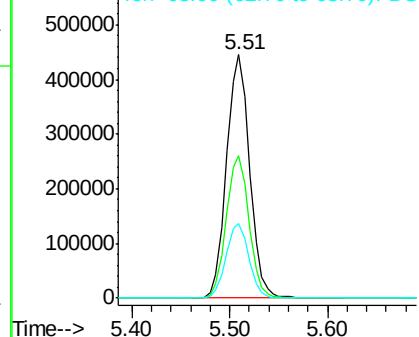
#5

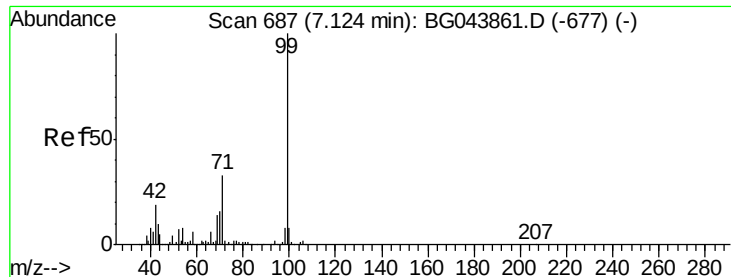
2-Fluorophenol
Concen: 173.340 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044131.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.8	71.6
63	30.8	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 180.022 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044131.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_G

ClientSampleId :

B2-15-30

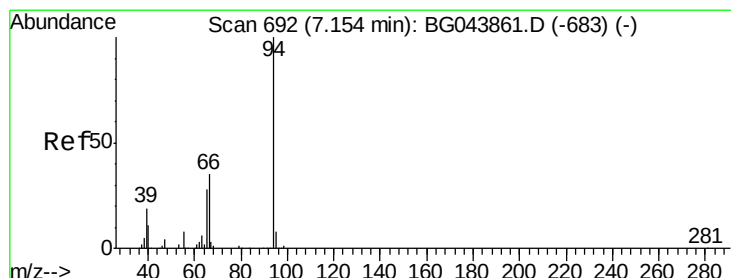
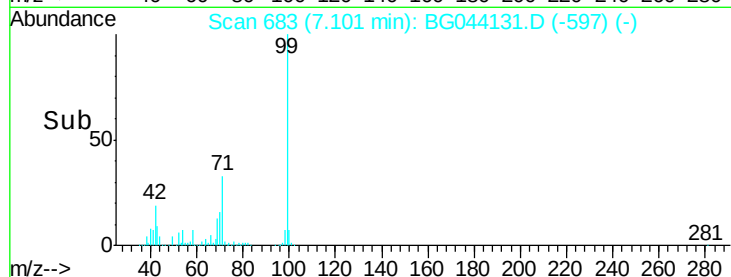
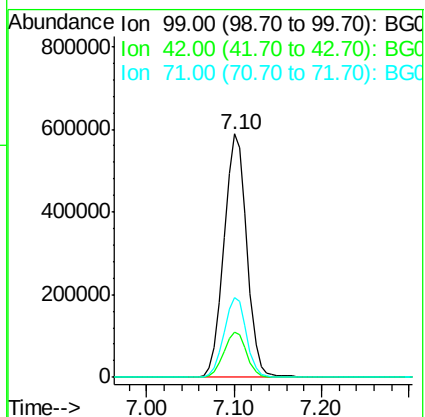
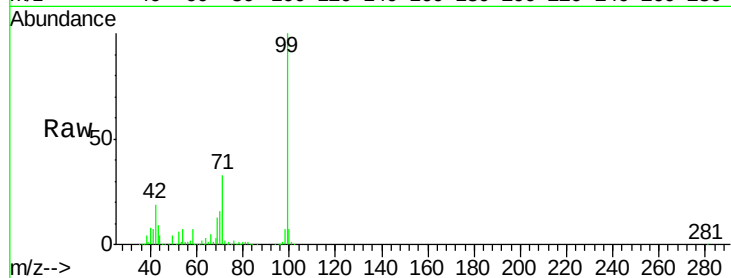
Tot Ion: 99 Resp: 1059444

Ion Ratio Lower Upper

99 100

42 18.7 14.9 22.3

71 32.9 26.4 39.6



#10

Phenol

Concen: 2.070 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044131.D

Acq: 21 Jan 2020 13:25

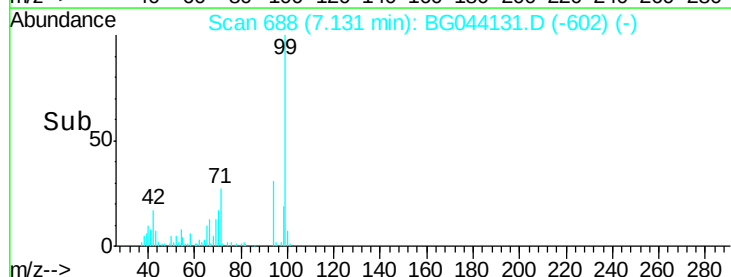
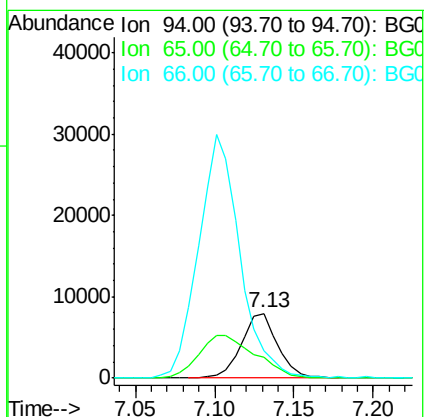
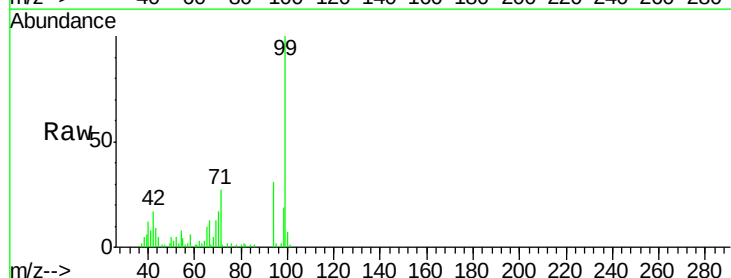
Tgt Ion: 94 Resp: 12550

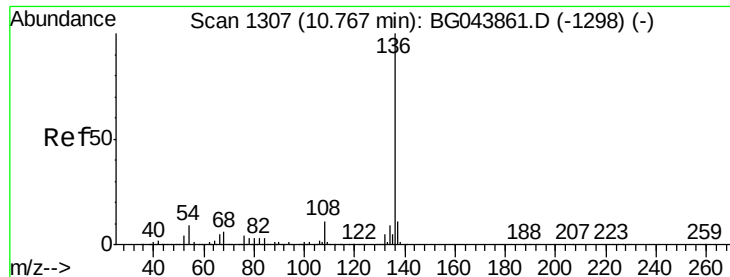
Ion Ratio Lower Upper

94 100

65 32.0 8.1 48.1

66 43.1 15.6 55.6

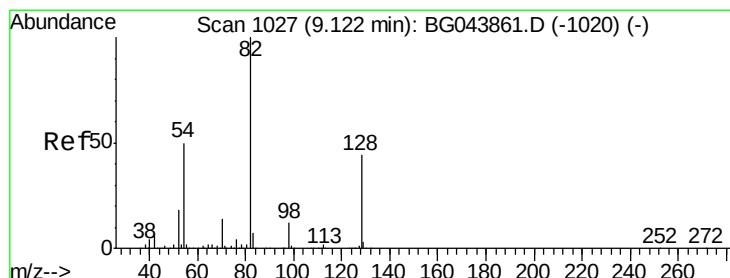
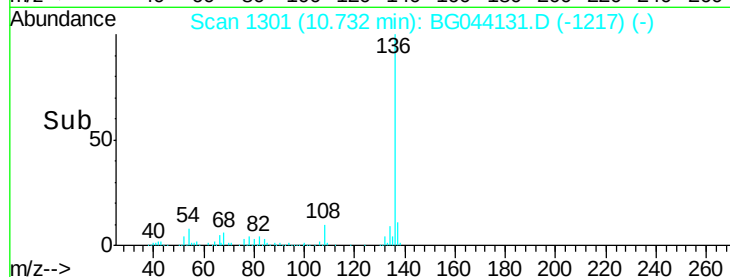
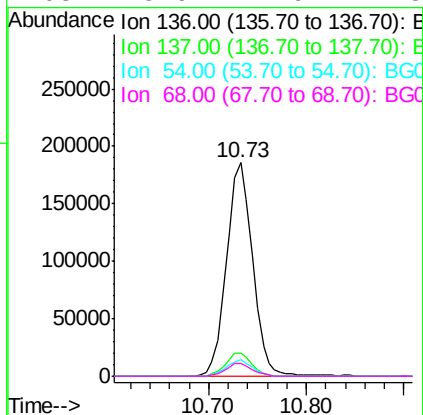
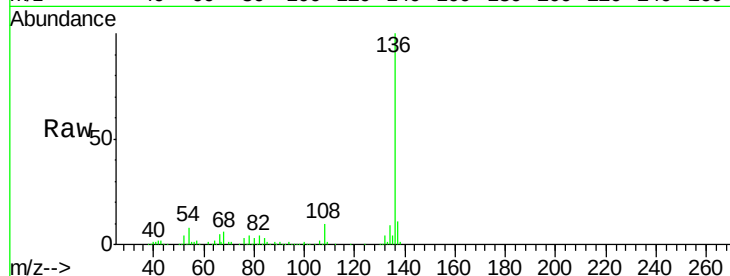




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044131.D
Acq: 21 Jan 2020 13:25

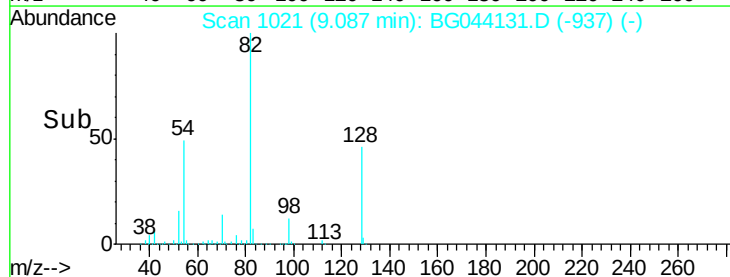
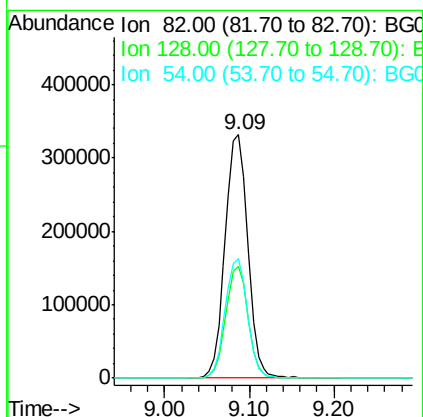
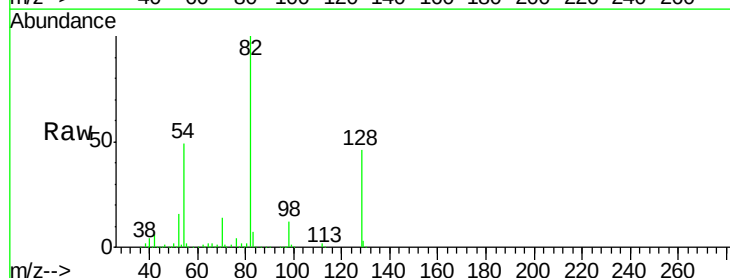
Instrument :
BNA_G
ClientSampleId :
B2-15-30

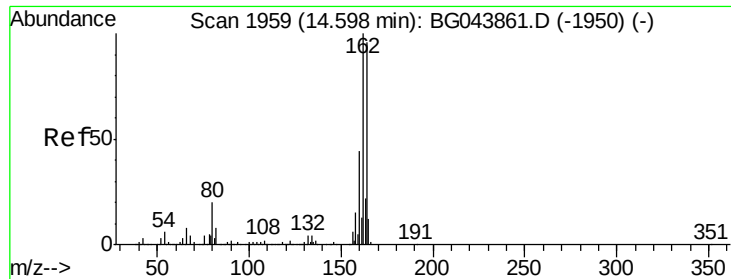
Tot Ion:136	Resp:	344769
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.8	13.2
54 7.5	7.0	10.4
68 5.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 95.730 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044131.D
Acq: 21 Jan 2020 13:25

Tgt Ion: 82	Resp: 616958
Ion Ratio	Lower Upper
82 100	
128 46.0	35.1 52.7
54 48.9	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: BG044131.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_G

ClientSampleId :

B2-15-30

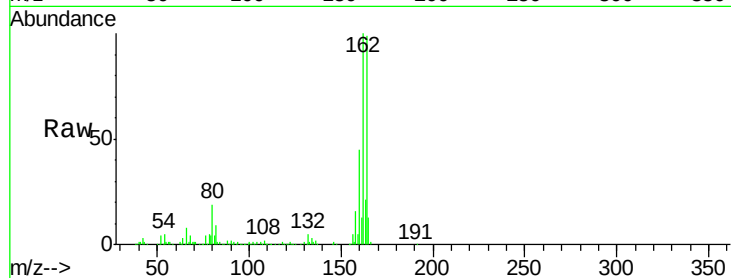
Tot Ion:164 Resp: 235057

Ion Ratio Lower Upper

164 100

162 101.5 83.0 124.4

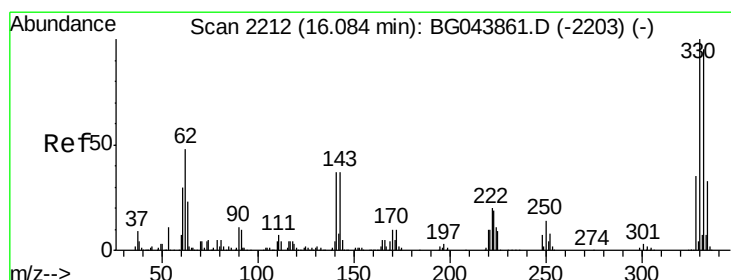
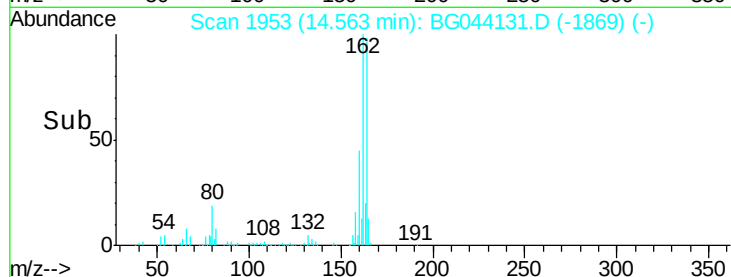
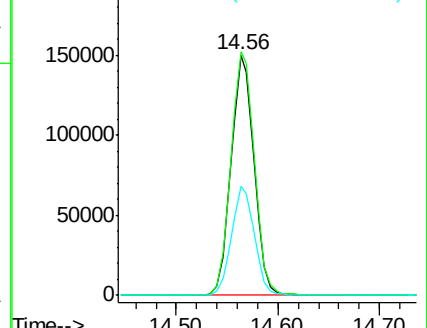
160 45.6 36.1 54.1



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: 167.721 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044131.D

Acq: 21 Jan 2020 13:25

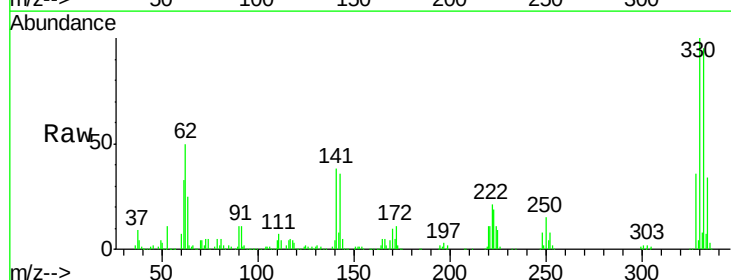
Tgt Ion:330 Resp: 412564

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

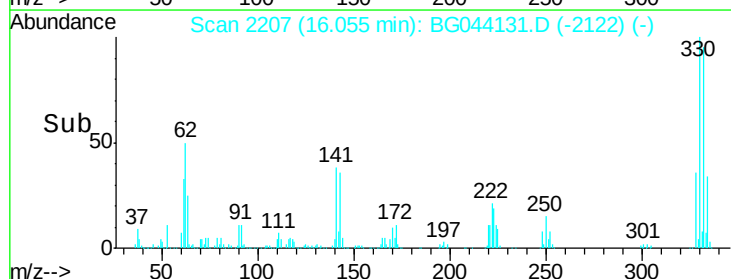
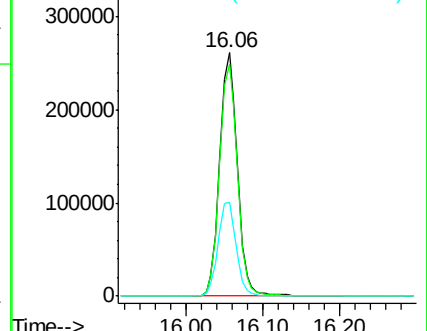
141 39.4 33.1 49.7

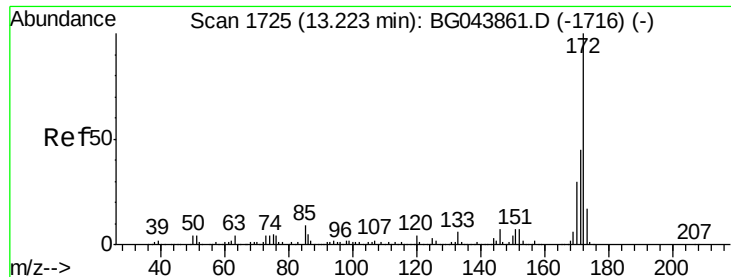


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

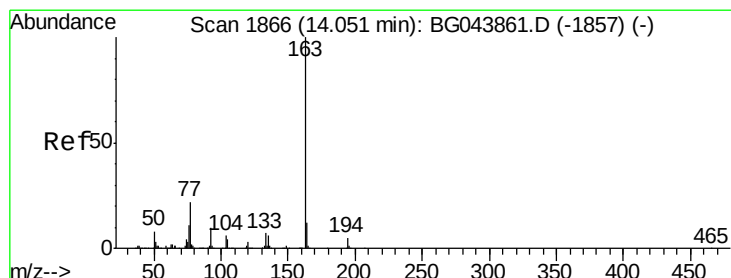
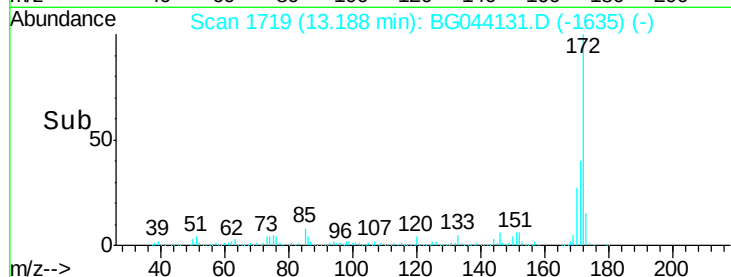
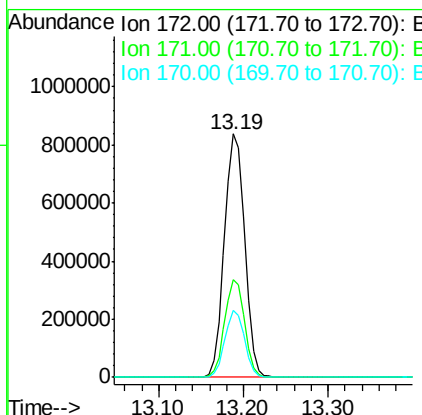
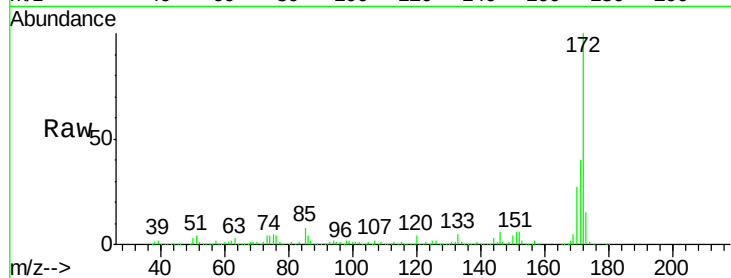




#45
2-Fluorobiphenyl
Concen: 107.316 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044131.D
Acq: 21 Jan 2020 13:25

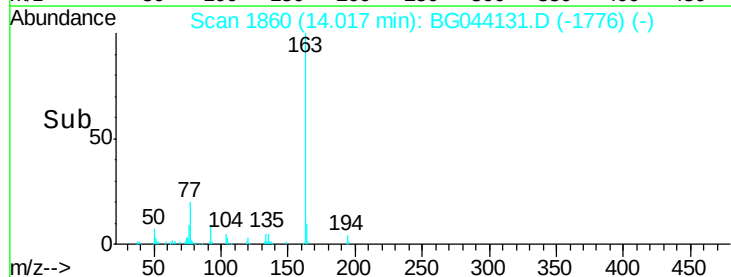
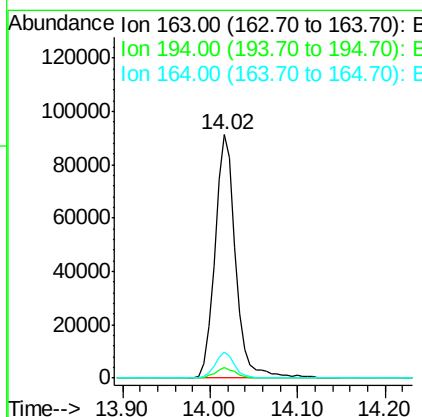
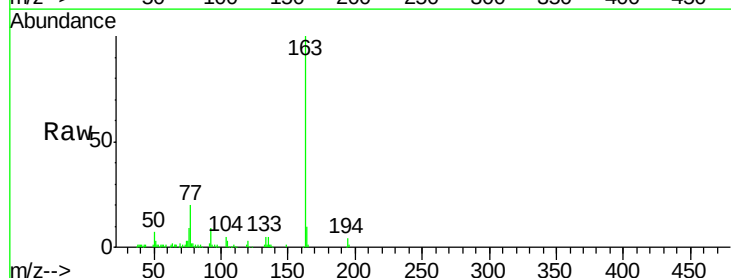
Instrument :
BNA_G
ClientSampleId :
B2-15-30

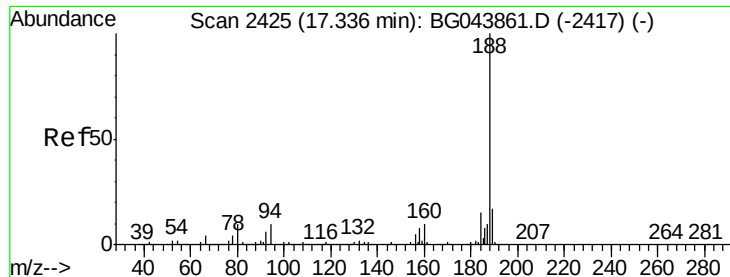
Tot Ion:172 Resp: 1392307
Ion Ratio Lower Upper
172 100
171 40.2 35.8 53.8
170 27.3 24.2 36.4



#50
Dimethylphthalate
Concen: 8.963 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044131.D
Acq: 21 Jan 2020 13:25

Tgt Ion:163 Resp: 149599
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.5 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: BG044131.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_G

ClientSampleId :

B2-15-30

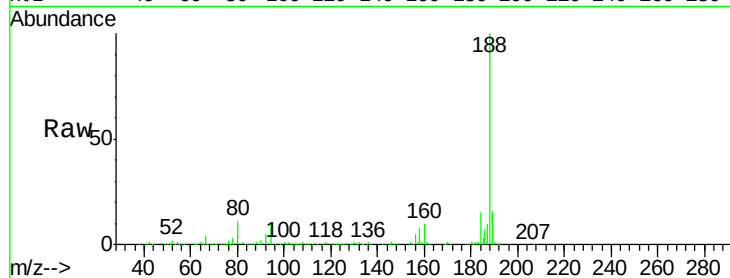
Tot Ion:188 Resp: 501672

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

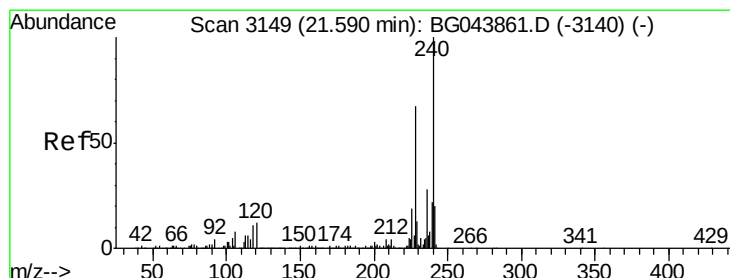
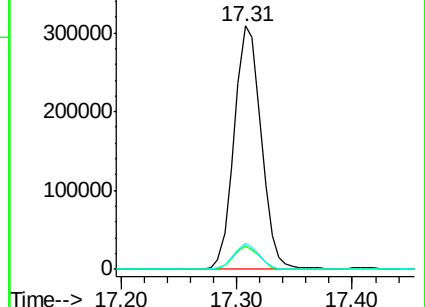
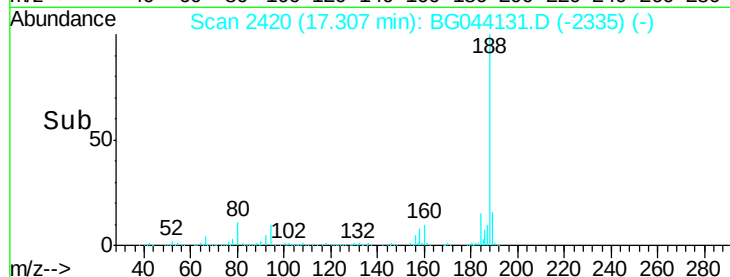
80 10.6 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044131.D

Acq: 21 Jan 2020 13:25

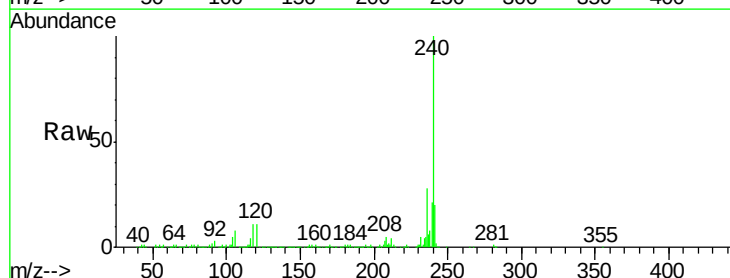
Tgt Ion:240 Resp: 425902

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

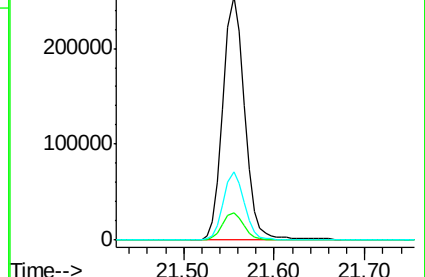
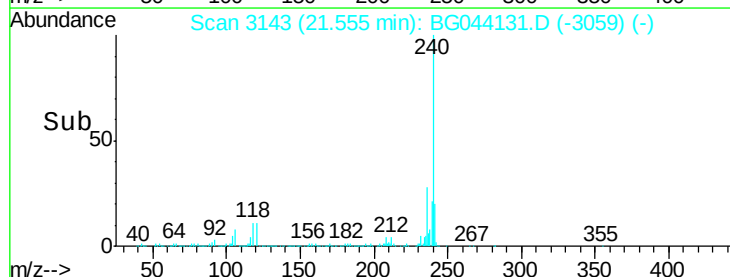
236 28.0 22.2 33.2

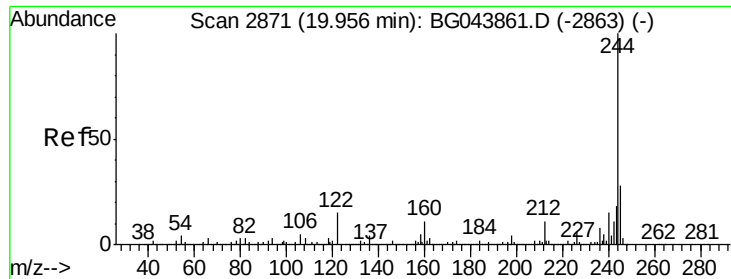


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 130.526 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044131.D

Acq: 21 Jan 2020 13:25

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ClientSampleId :

B2-15-30

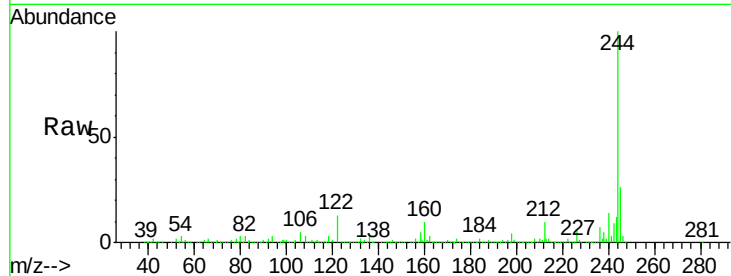
Tot Ion:244 Resp: 2021848

Ion Ratio Lower Upper

244 100

212 9.6 8.6 13.0

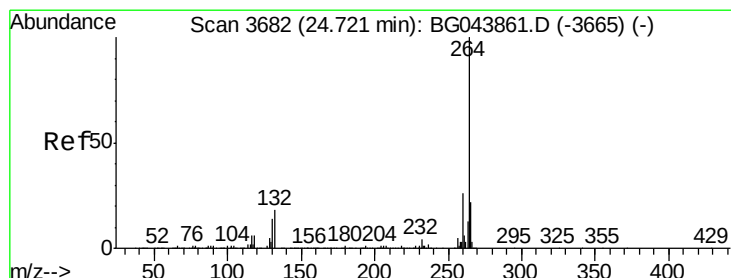
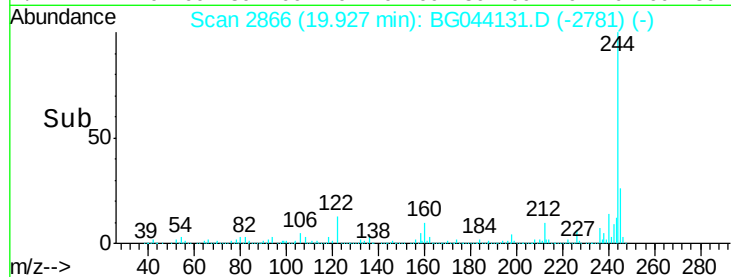
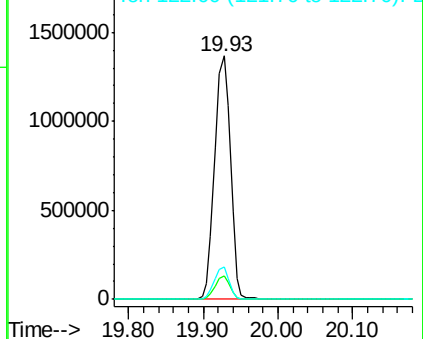
122 13.3 11.9 17.9



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: BG044131.D

Acq: 21 Jan 2020 13:25

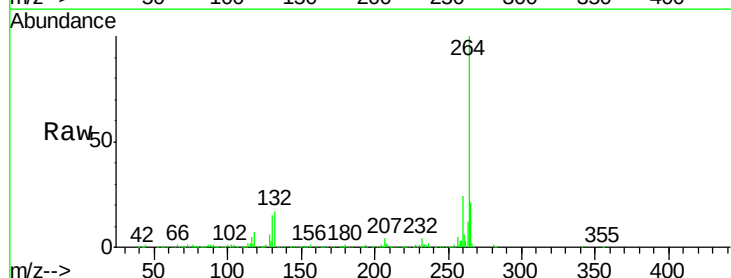
Tgt Ion:264 Resp: 470875

Ion Ratio Lower Upper

264 100

260 24.1 20.4 30.6

265 21.4 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

