

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
 Data File : BG043283.D
 Acq On : 18 Oct 2019 20:01
 Operator : JU
 Sample : K5406-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRW-2

Quant Time: Oct 19 01:10:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

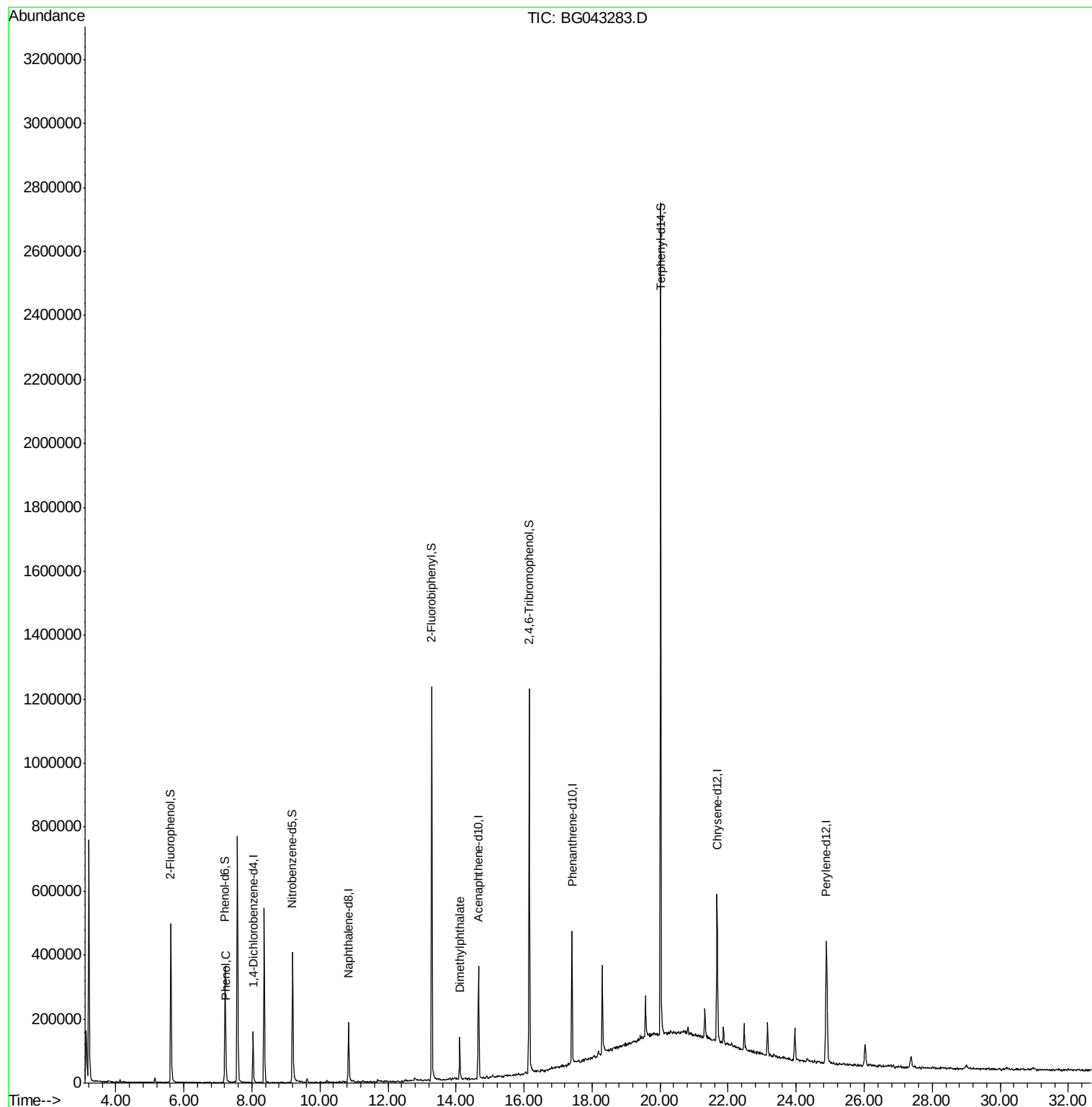
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50133	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	179887	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	133547	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	288685	20.00	ng	0.00
76) Chrysene-d12	21.67	240	323778	20.00	ng	-0.02
87) Perylene-d12	24.89	264	383650	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	241411	85.94	ng	-0.02
7) Phenol-d6	7.22	99	234055	57.86	ng	-0.02
23) Nitrobenzene-d5	9.20	82	283819	76.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	294692	128.33	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	720157	78.18	ng	-0.02
79) Terphenyl-d14	20.02	244	1378282	90.71	ng	0.00
Target Compounds						
10) Phenol	7.24	94	15738	4.240	ng	94
50) Dimethylphthalate	14.11	163	93307	9.325	ng	97

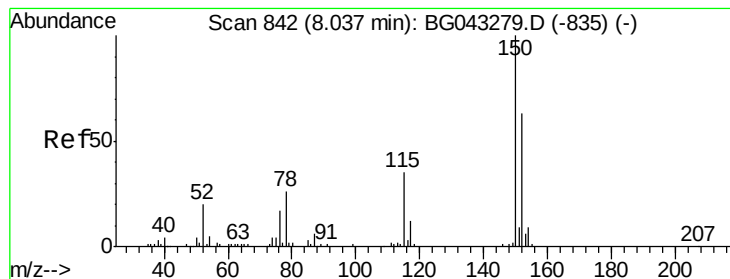
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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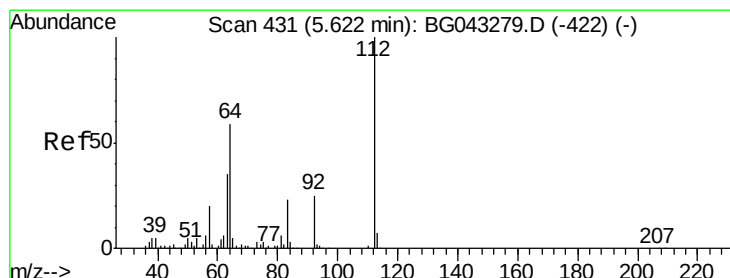
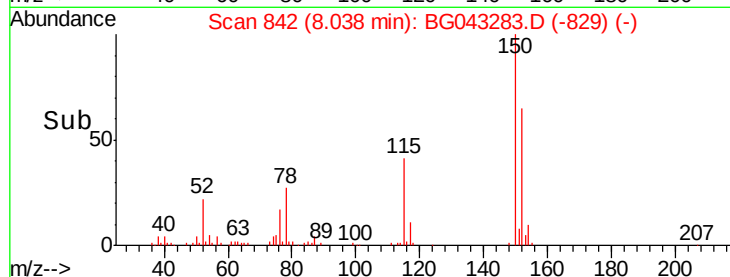
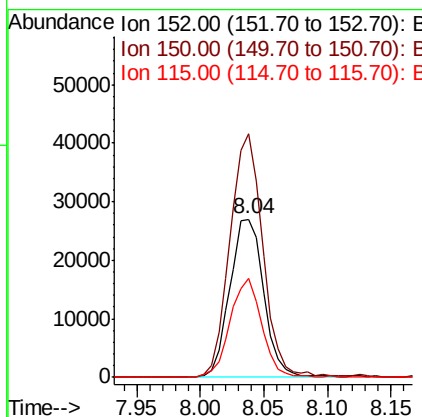
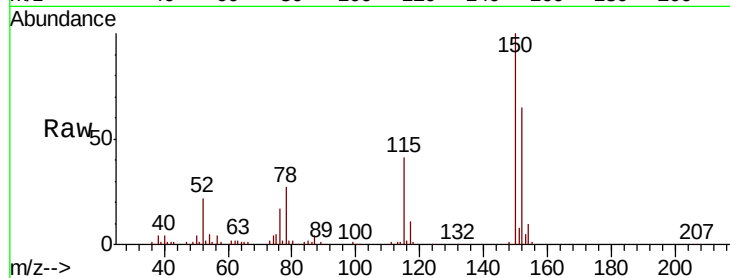


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043283.D
Acq: 18 Oct 2019 20:01

Instrument :
BNA_G
ClientSampleId :
DRW-2

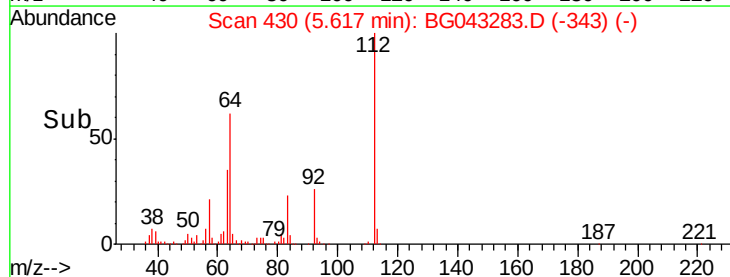
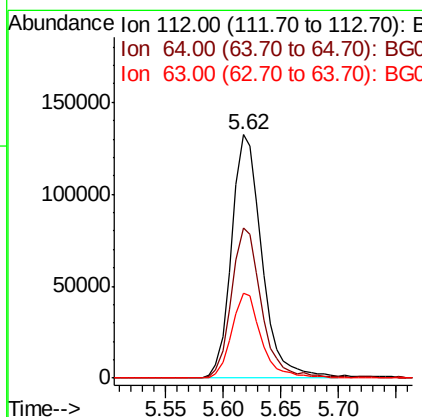
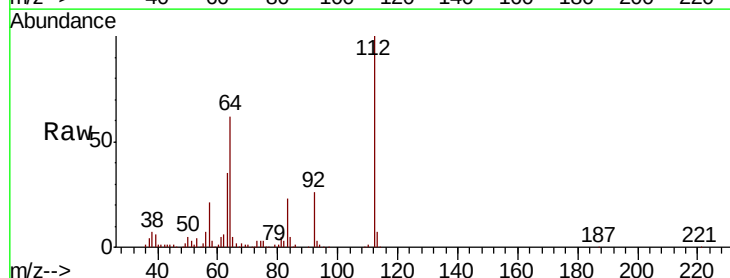
Tot Ion	152	Resp	50133
Ion Ratio	Lower	Upper	
152	100		
150	153.9	115.0	172.4
115	62.7	47.0	70.6

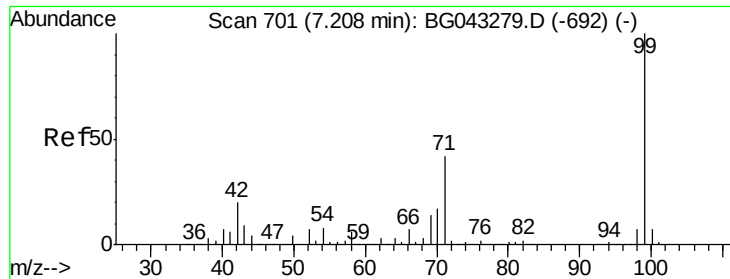


#5

2-Fluorophenol
Concen: 85.937 ng
RT: 5.62 min Scan# 430
Delta R.T. -0.02 min
Lab File: BG043283.D
Acq: 18 Oct 2019 20:01

Tgt Ion	112	Resp	241411
Ion Ratio	Lower	Upper	
112	100		
64	61.9	56.6	84.8
63	34.9	35.1	52.7#





#7

Phenol-d6

Concen: 57.858 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG043283.D

Acq: 18 Oct 2019 20:01

Instrument :

BNA_G

ClientSampleId :

DRW-2

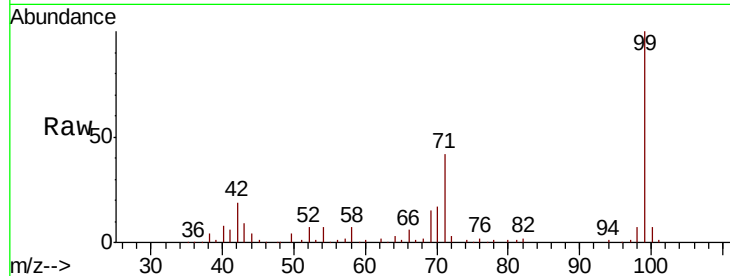
Tot Ion: 99 Resp: 234055

Ion Ratio Lower Upper

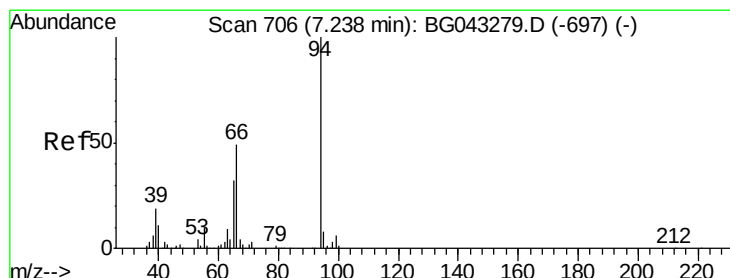
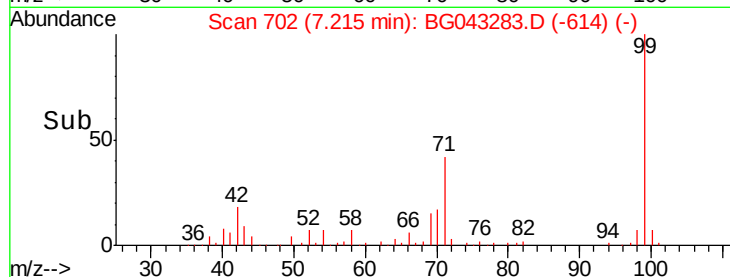
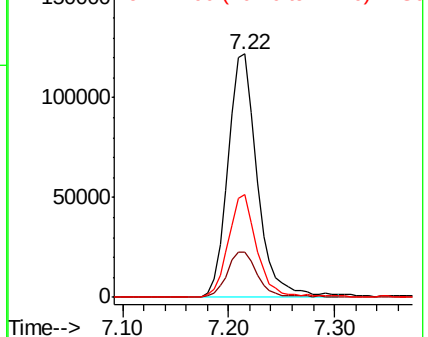
99 100

42 18.6 17.2 25.8

71 42.0 33.1 49.7



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: 4.240 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG043283.D

Acq: 18 Oct 2019 20:01

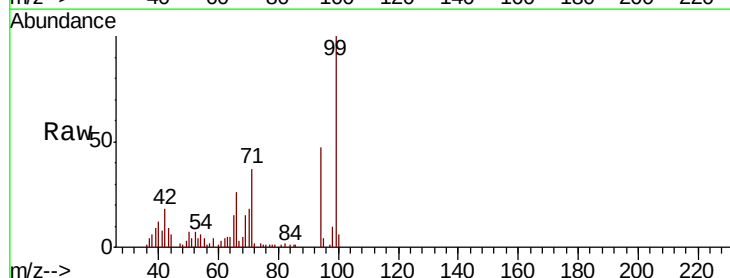
Tgt Ion: 94 Resp: 15738

Ion Ratio Lower Upper

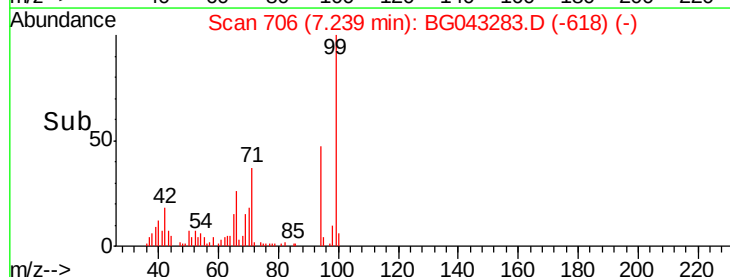
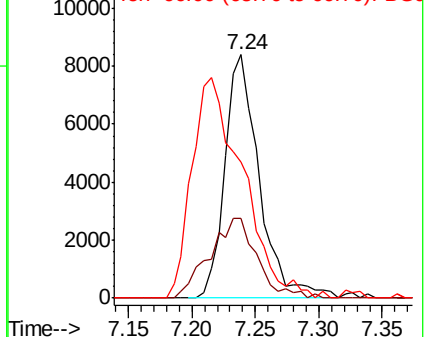
94 100

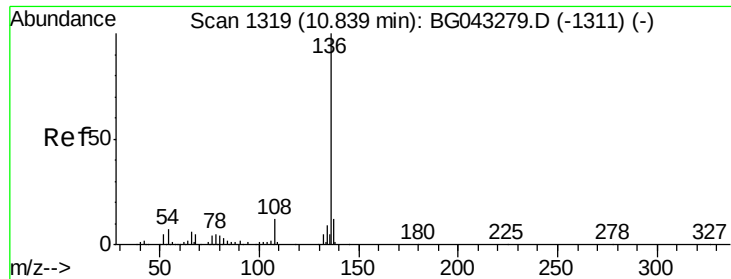
65 32.7 16.6 56.6

66 56.1 32.4 72.4



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

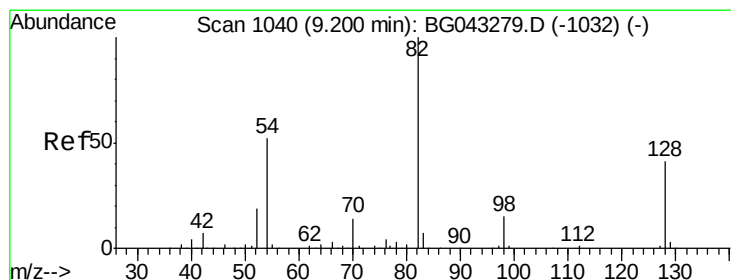
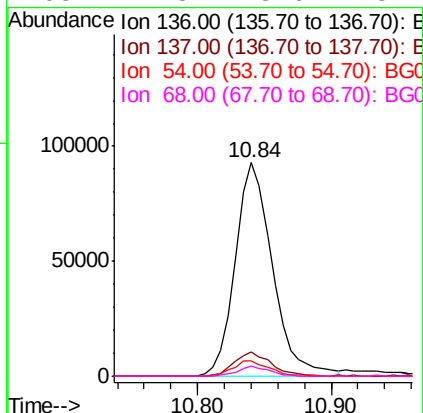
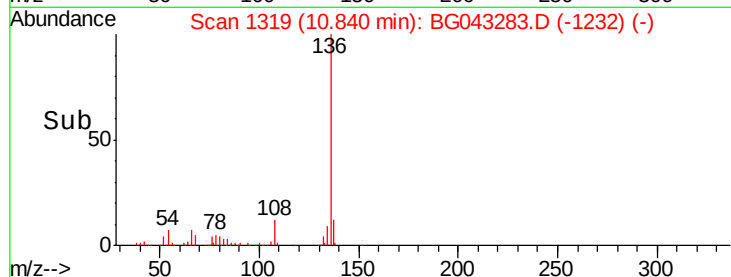
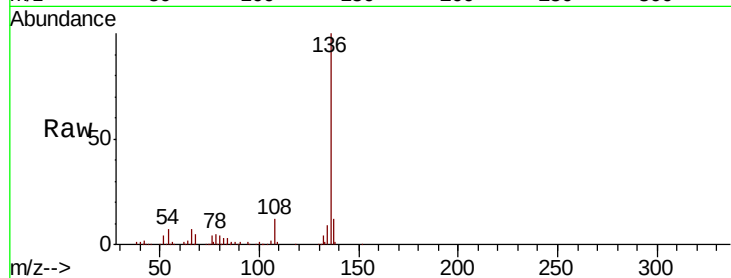




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG043283.D
Acq: 18 Oct 2019 20:01

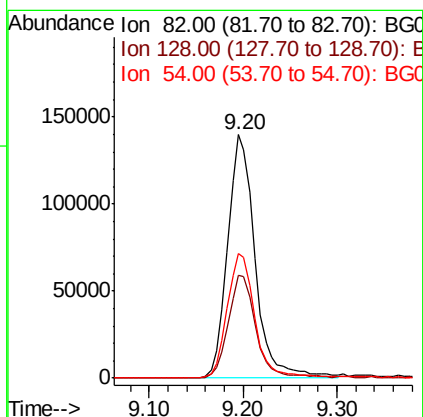
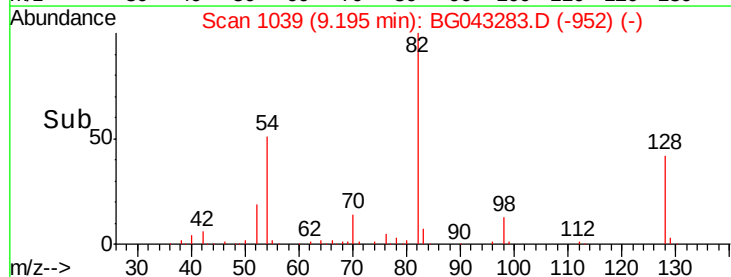
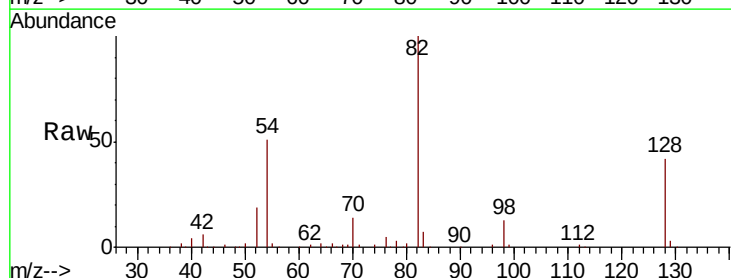
Instrument :
BNA_G
ClientSampleId :
DRW-2

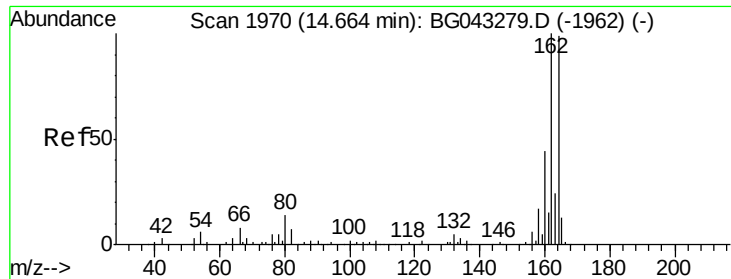
Tot Ion:136	Resp:	179887
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.5 12.7
54	7.0	7.4 11.2#
68	4.8	3.6 5.4



#23
Nitrobenzene-d5
Concen: 76.687 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG043283.D
Acq: 18 Oct 2019 20:01

Tgt Ion: 82	Resp:	283819
Ion	Ratio	Lower Upper
82	100	
128	42.0	29.5 44.3
54	50.9	44.6 67.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.02 min

Lab File: BG043283.D

Acq: 18 Oct 2019 20:01

Instrument :

BNA_G

ClientSampleId :

DRW-2

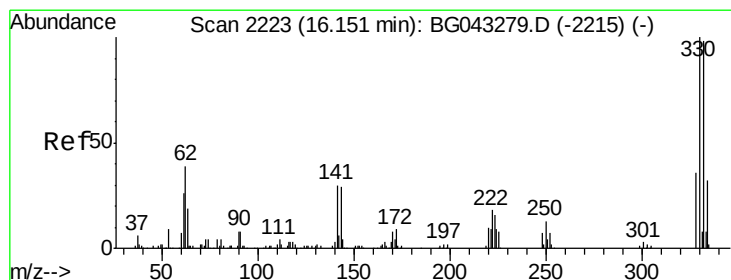
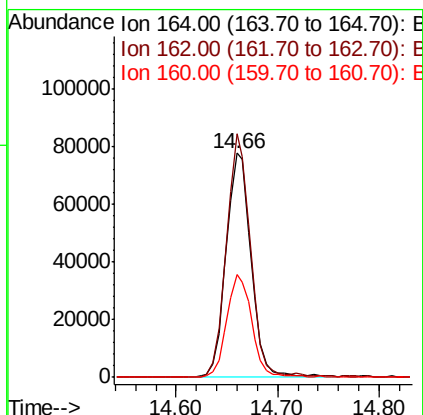
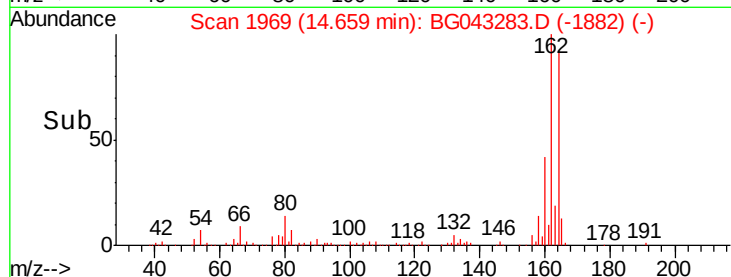
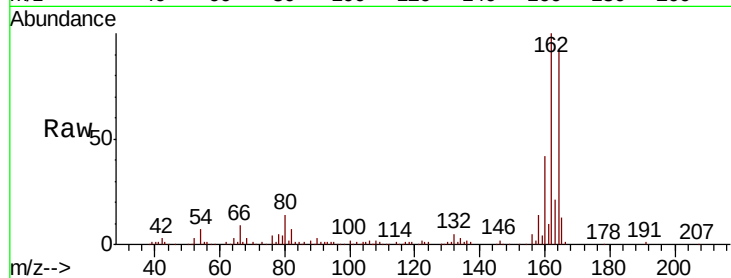
Tot Ion:164 Resp: 133547

Ion Ratio Lower Upper

164 100

162 108.5 78.5 117.7

160 46.0 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 128.326 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG043283.D

Acq: 18 Oct 2019 20:01

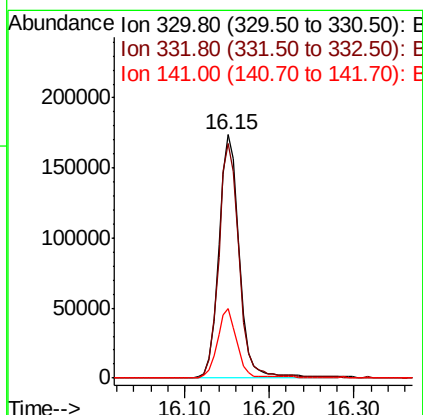
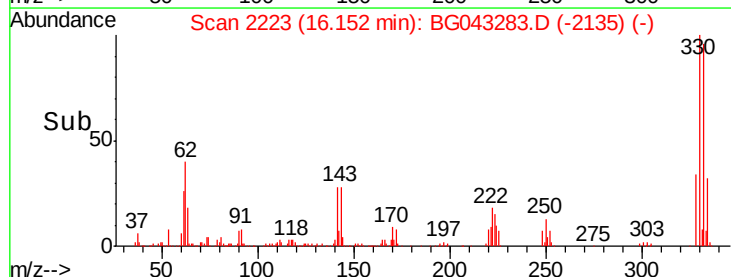
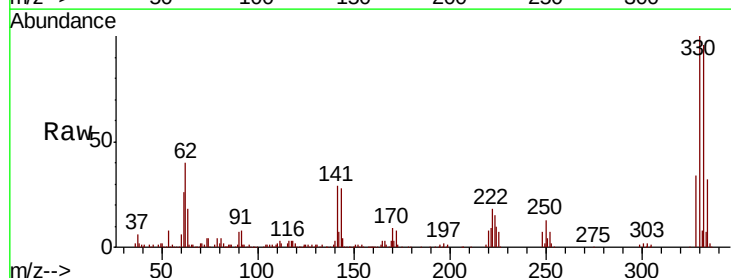
Tgt Ion:330 Resp: 294692

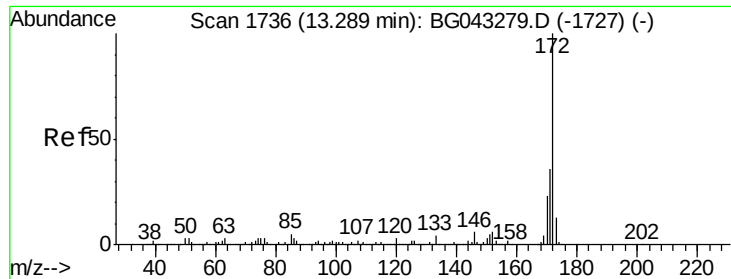
Ion Ratio Lower Upper

330 100

332 95.4 78.2 117.2

141 28.1 26.0 39.0

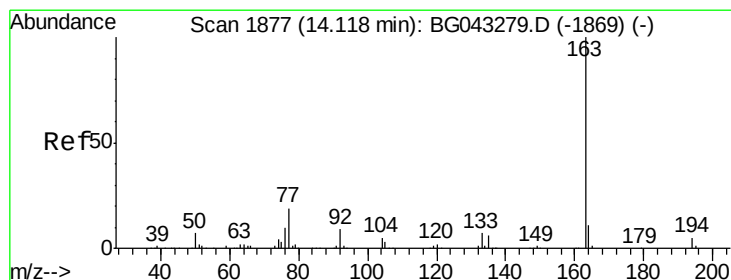
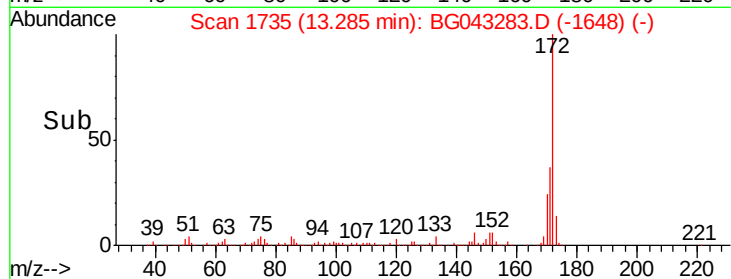
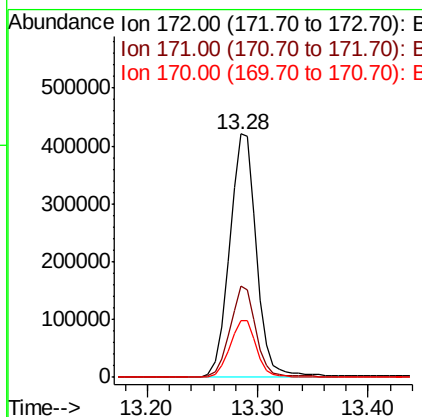
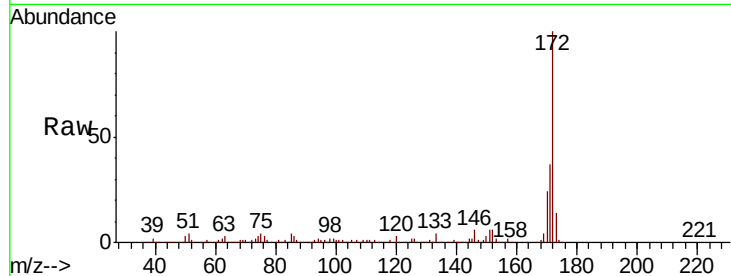




#45
2-Fluorobiphenyl
Concen: 78.175 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG043283.D
Acq: 18 Oct 2019 20:01

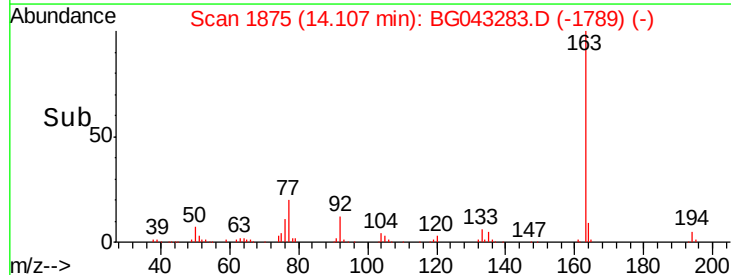
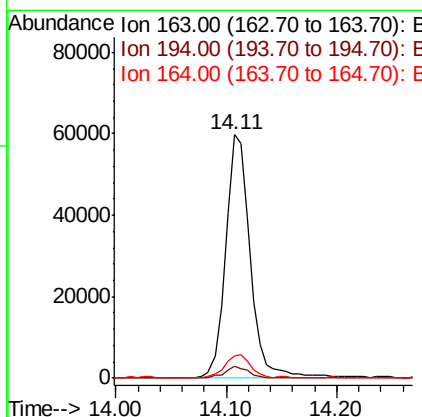
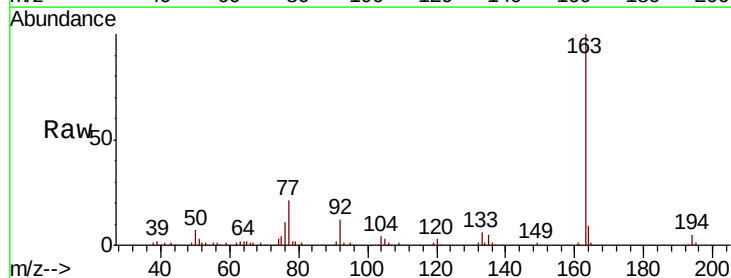
Instrument :
BNA_G
ClientSampled :
DRW-2

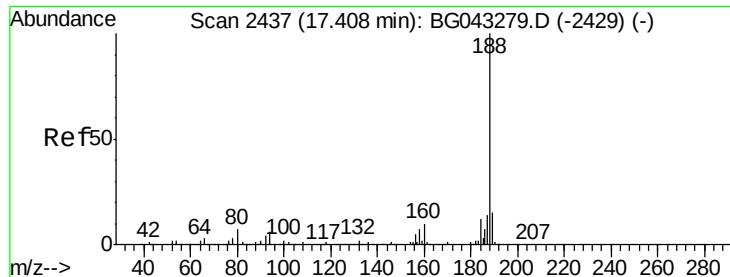
Tot Ion:172 Resp: 720157
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 23.6 19.6 29.4



#50
Dimethylphthalate
Concen: 9.325 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.03 min
Lab File: BG043283.D
Acq: 18 Oct 2019 20:01

Tgt Ion:163 Resp: 93307
Ion Ratio Lower Upper
163 100
194 4.6 4.4 6.6
164 9.2 8.6 12.8

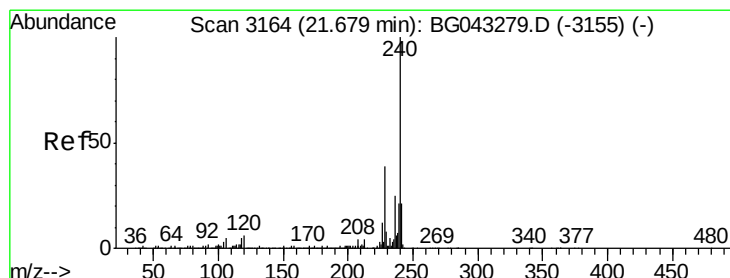
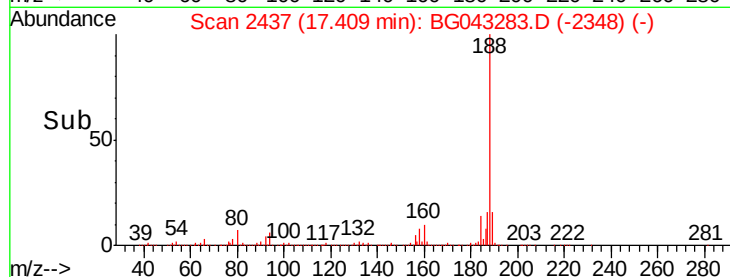
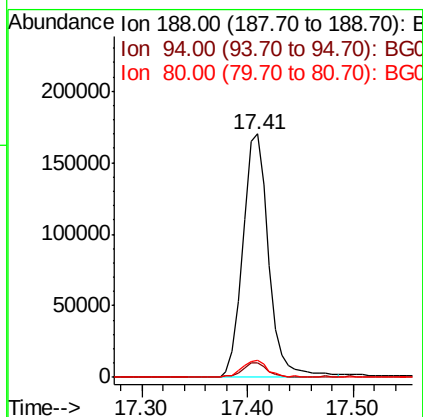
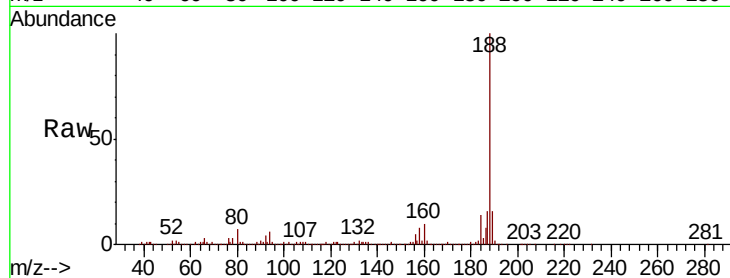




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG043283.D
Acq: 18 Oct 2019 20:01

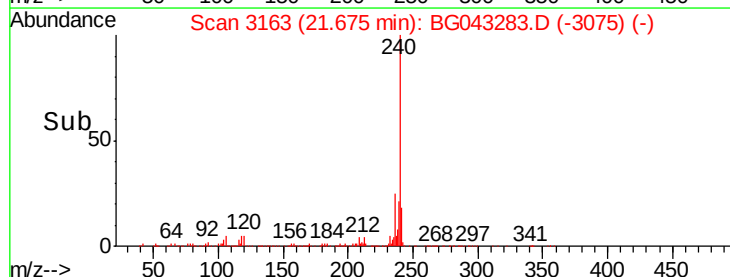
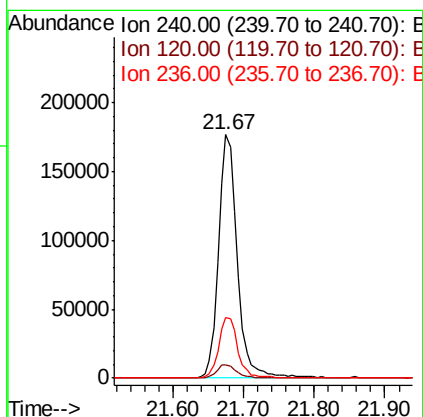
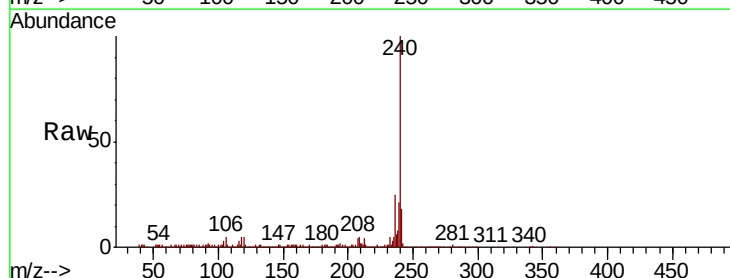
Instrument :
BNA_G
ClientSampleId :
DRW-2

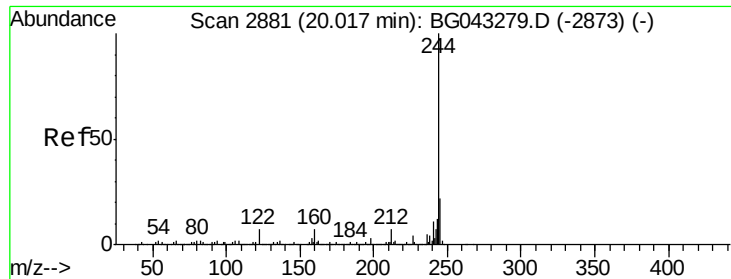
Tot Ion:188 Resp: 288685
Ion Ratio Lower Upper
188 100
94 6.1 5.7 8.5
80 6.9 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG043283.D
Acq: 18 Oct 2019 20:01

Tgt Ion:240 Resp: 323778
Ion Ratio Lower Upper
240 100
120 5.2 4.8 7.2
236 25.1 21.4 32.0





#79

Terphenyl-d14

Concen: 90.709 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG043283.D

Acq: 18 Oct 2019 20:01

Instrument :

BNA_G

ClientSampleId :

DRW-2

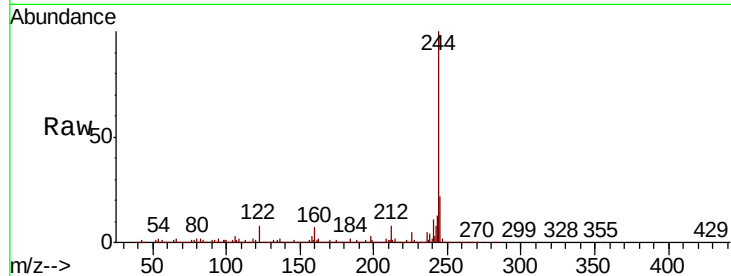
Tot Ion:244 Resp: 1378282

Ion Ratio Lower Upper

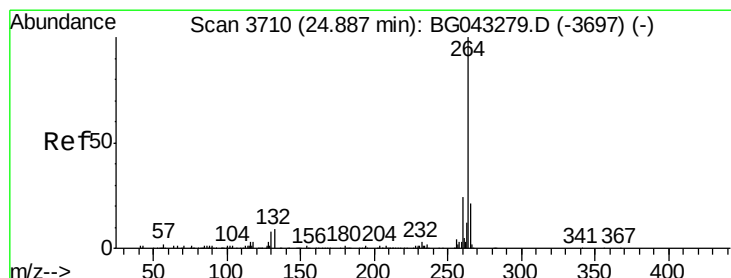
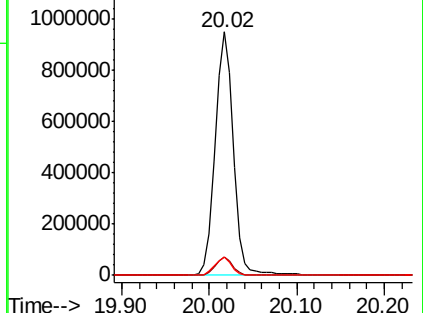
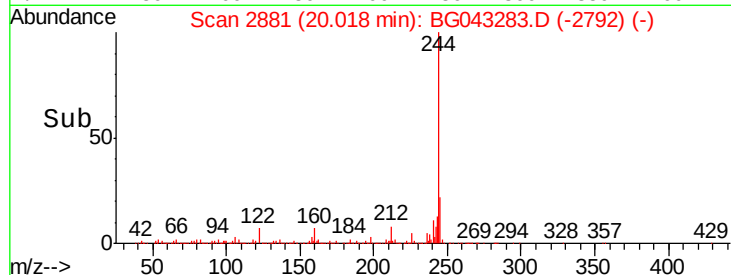
244 100

212 7.7 7.4 11.0

122 7.5 7.0 10.4



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: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG043283.D

Acq: 18 Oct 2019 20:01

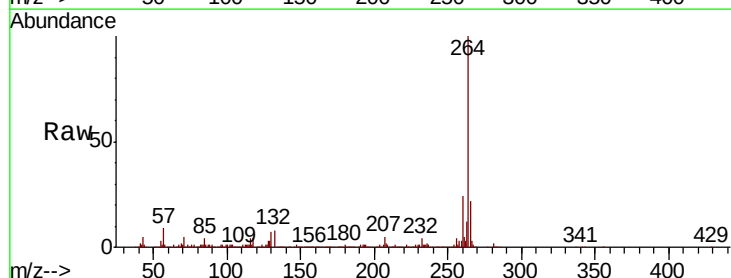
Tgt Ion:264 Resp: 383650

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.2 17.7 26.5



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

