

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045650.D
 Acq On : 8 Jun 2020 20:16
 Operator : CG/JU
 Sample : L2889-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FDW-115

Quant Time: Jun 09 01:11:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

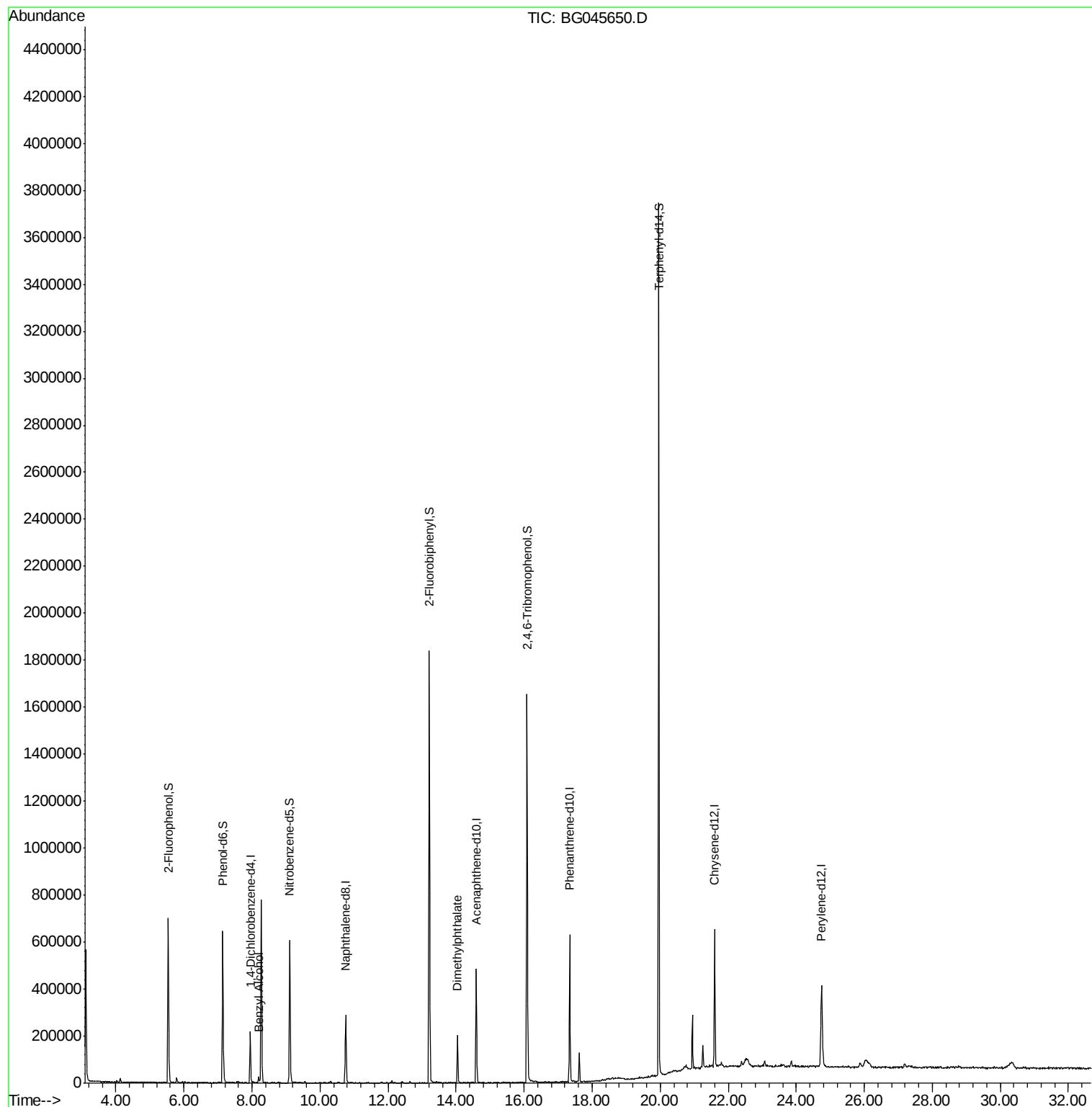
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	64784	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	258541	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	182107	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	416187	20.00	ng	0.00
76) Chrysene-d12	21.60	240	388152	20.00	ng	0.00
87) Perylene-d12	24.75	264	404512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	340276	102.65	ng	0.00
7) Phenol-d6	7.14	99	432674	91.70	ng	0.00
23) Nitrobenzene-d5	9.11	82	418011	88.17	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	343098	147.32	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1006792	93.78	ng	0.00
79) Terphenyl-d14	19.96	244	1775754	106.70	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.20	79	12474	3.200	ng	Qvalue # 78
50) Dimethylphthalate	14.04	163	137176	10.981	ng	99

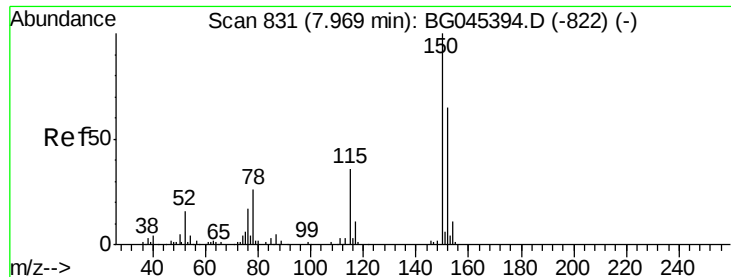
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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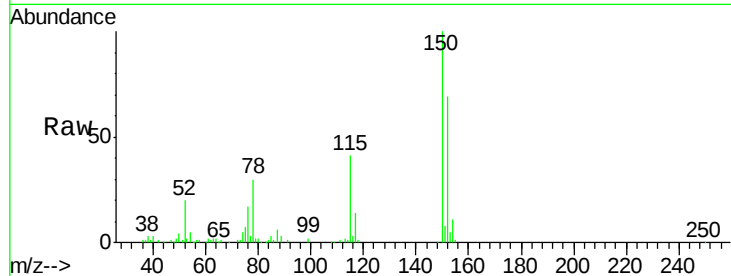


#1

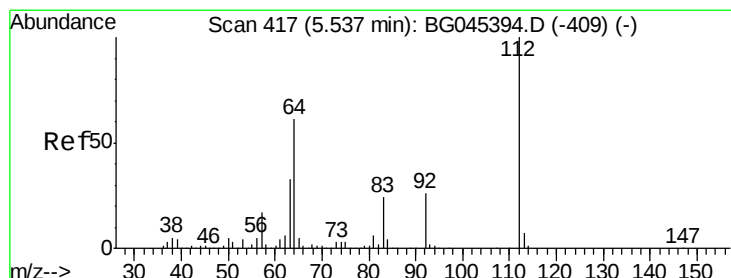
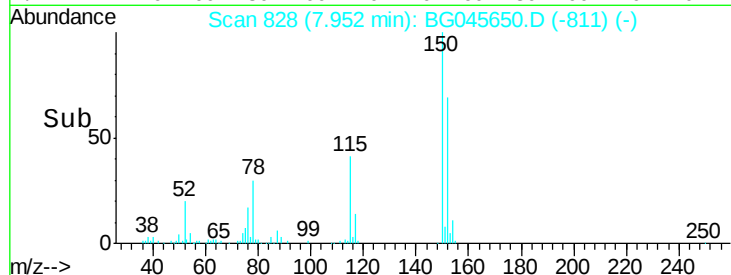
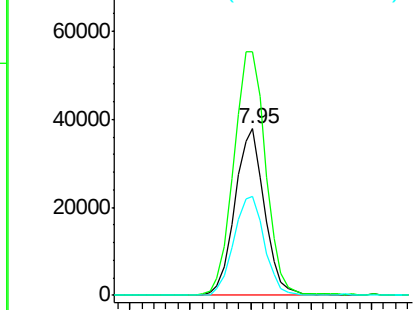
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045650.D
Acq: 8 Jun 2020 20:16

Instrument :
BNA_G
ClientSampleId :
FDW-115

Tot Ion:152 Resp: 64784
Ion Ratio Lower Upper
152 100
150 145.9 122.4 183.6
115 59.7 44.2 66.4



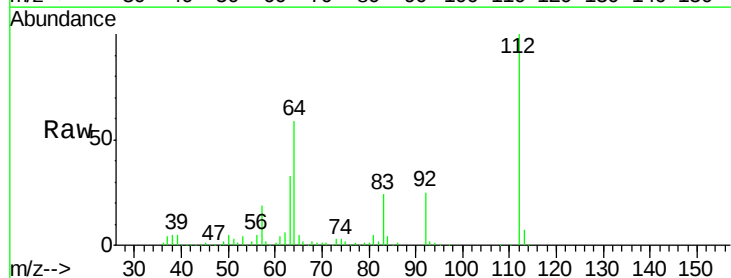
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



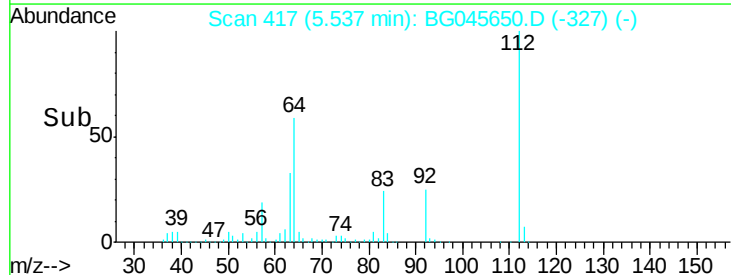
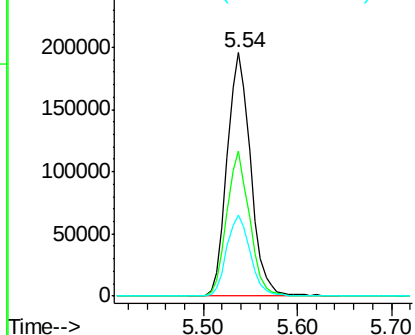
#5

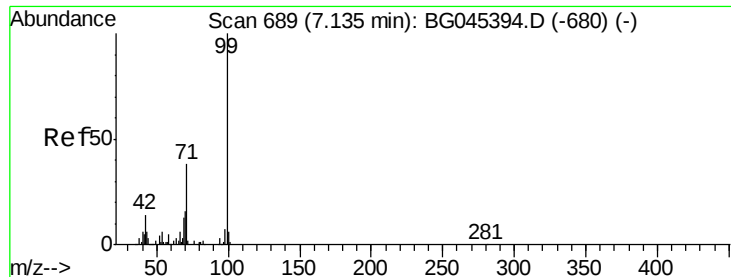
2-Fluorophenol
Concen: 102.649 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045650.D
Acq: 8 Jun 2020 20:16

Tgt Ion:112 Resp: 340276
Ion Ratio Lower Upper
112 100
64 59.4 48.6 72.8
63 33.1 26.5 39.7



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





#7

Phenol-d6

Concen: 91.704 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045650.D

Acq: 8 Jun 2020 20:16

Instrument :

BNA_G

ClientSampleId :

FDW-115

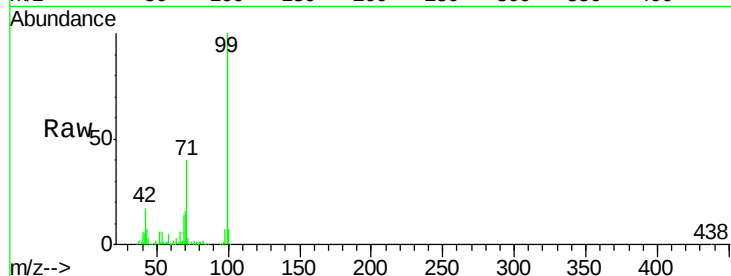
Tot Ion: 99 Resp: 432674

Ion Ratio Lower Upper

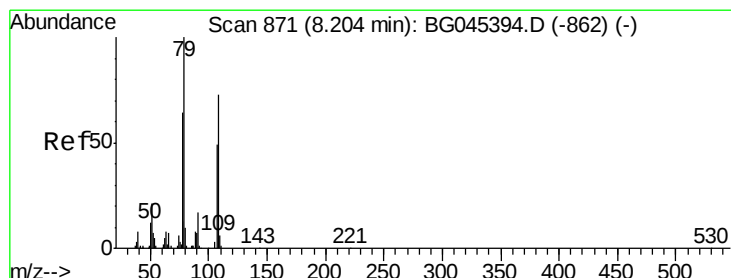
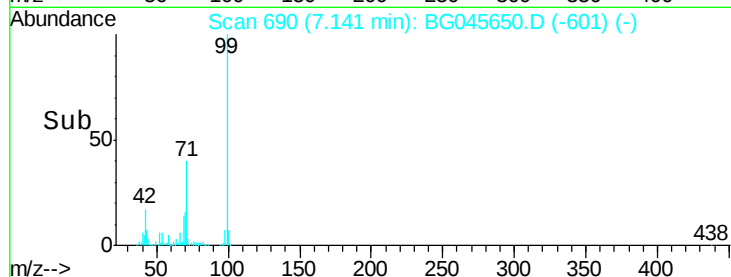
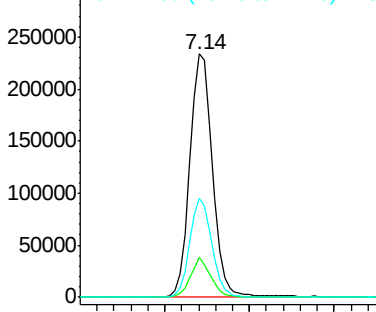
99 100

42 16.5 11.3 16.9

71 40.4 30.8 46.2



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



#15

Benzyl Alcohol

Concen: 3.200 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045650.D

Acq: 8 Jun 2020 20:16

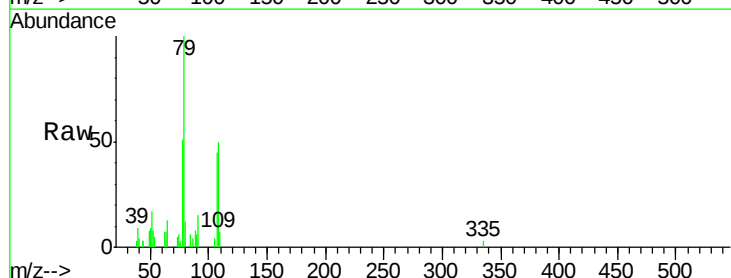
Tgt Ion: 79 Resp: 12474

Ion Ratio Lower Upper

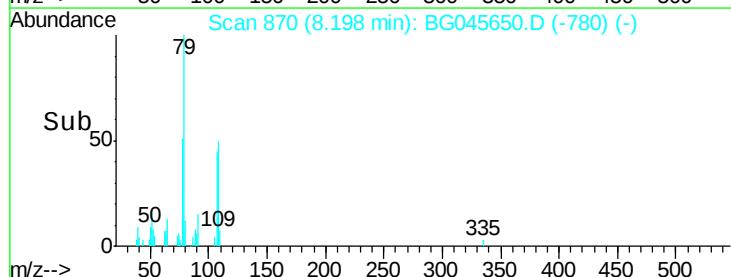
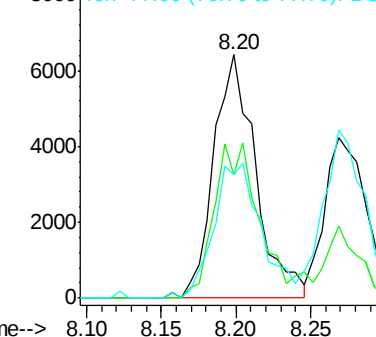
79 100

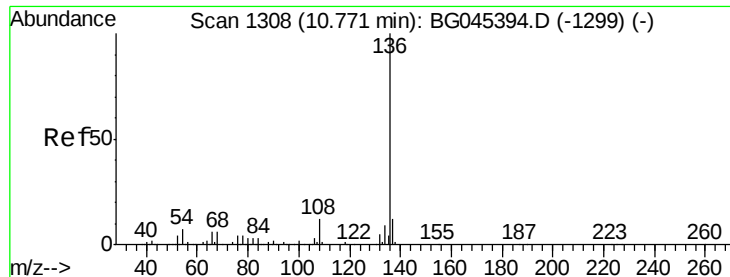
108 50.4 58.2 87.4#

77 50.6 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

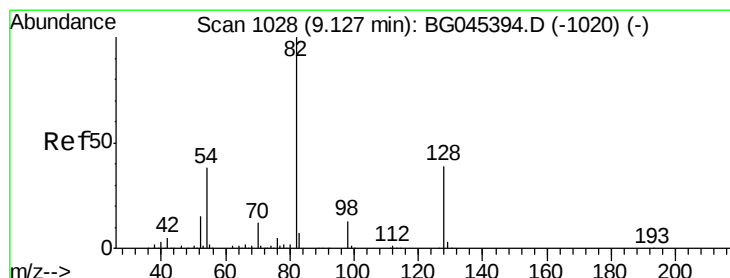
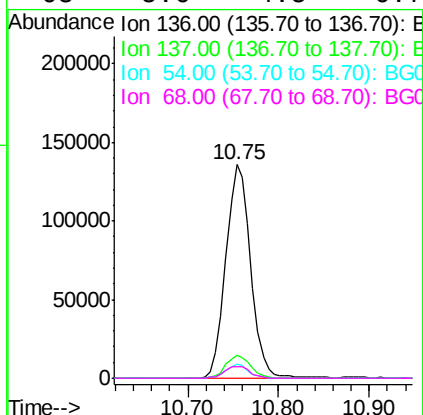
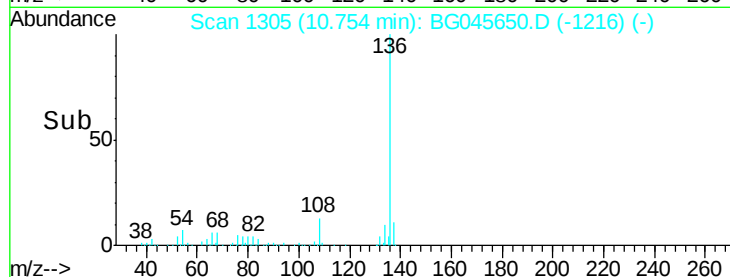
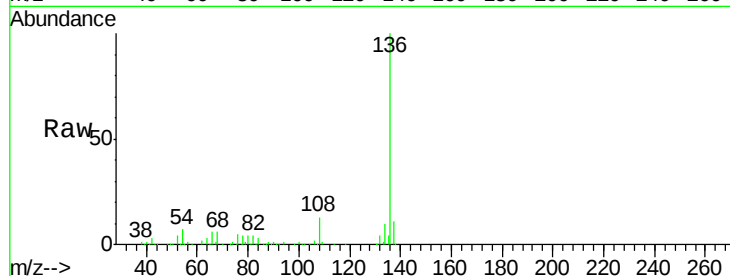




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045650.D
Acq: 8 Jun 2020 20:16

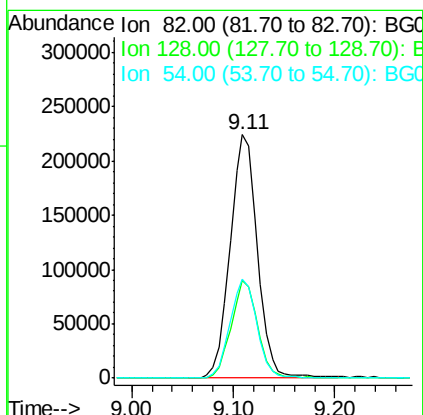
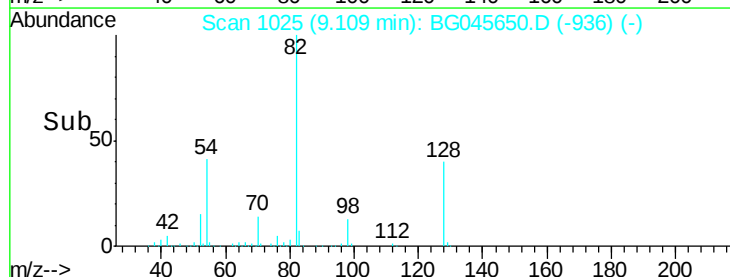
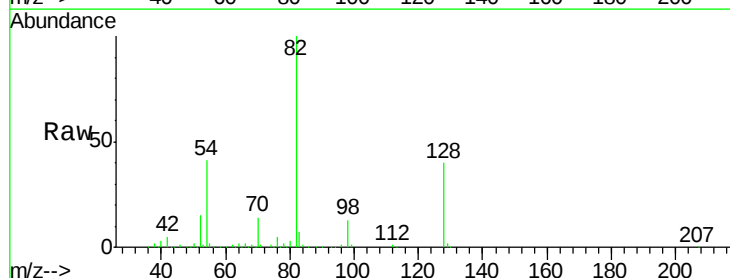
Instrument :
BNA_G
ClientSampleId :
FDW-115

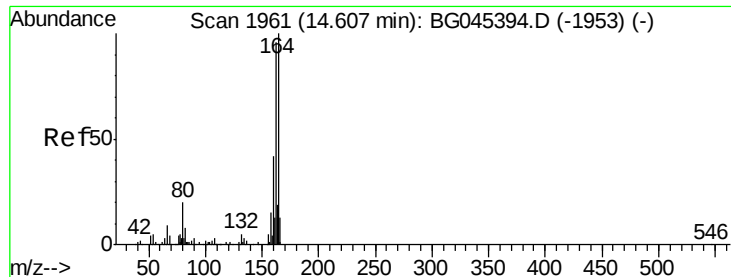
Tot Ion:136	Resp:	258541	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.4	14.2	
54 6.6	5.8	8.6	
68 5.6	4.5	6.7	



#23
Nitrobenzene-d5
Concen: 88.167 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045650.D
Acq: 8 Jun 2020 20:16

Tgt Ion: 82	Resp: 418011
Ion Ratio	Lower Upper
82 100	
128 40.3	30.9 46.3
54 40.7	30.3 45.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045650.D

Acq: 8 Jun 2020 20:16

Instrument :

BNA_G

ClientSampleId :

FDW-115

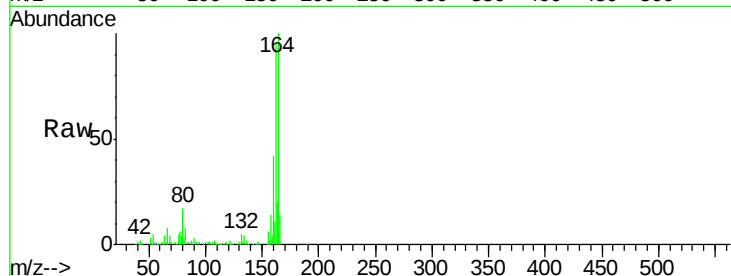
Tot Ion:164 Resp: 182107

Ion Ratio Lower Upper

164 100

162 95.3 76.9 115.3

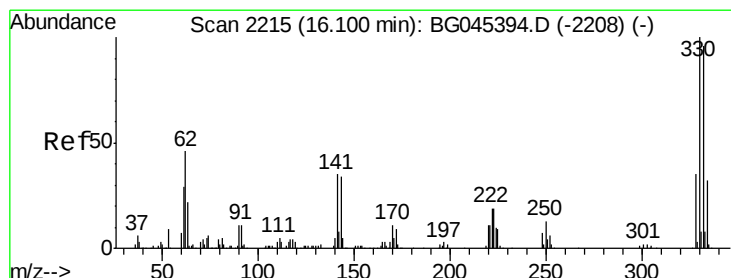
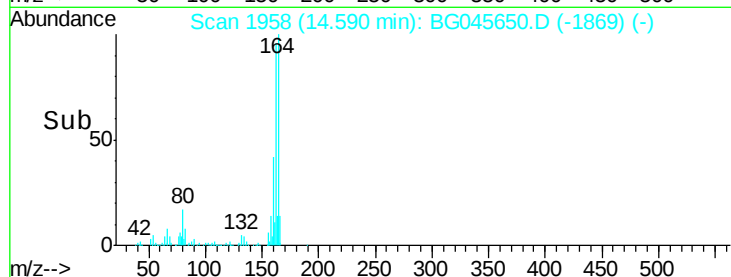
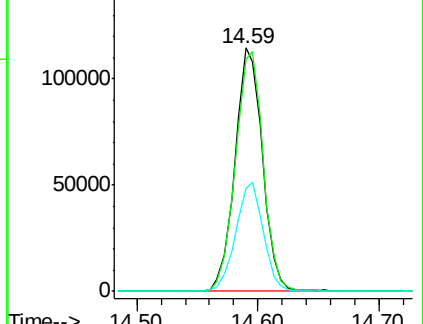
160 42.1 33.8 50.8



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: 147.319 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045650.D

Acq: 8 Jun 2020 20:16

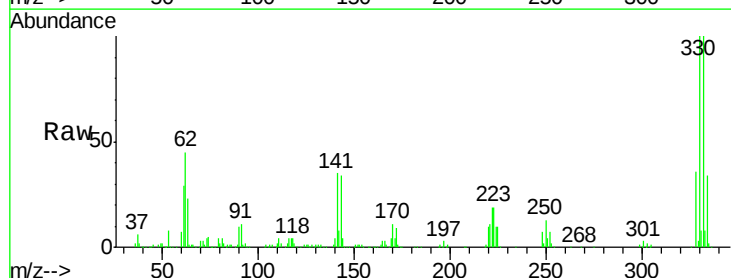
Tgt Ion:330 Resp: 343098

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.4

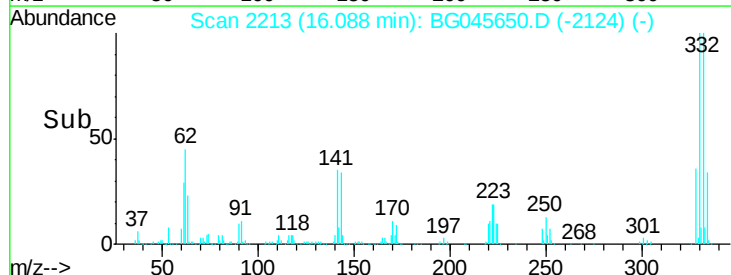
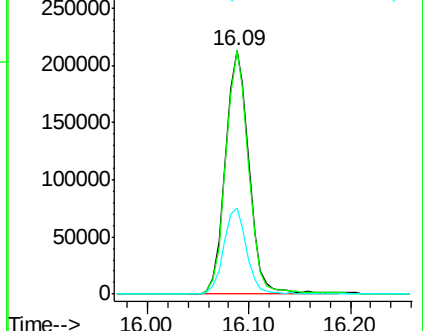
141 34.6 28.2 42.4

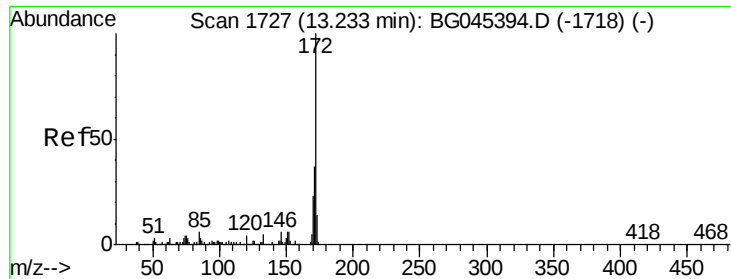


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

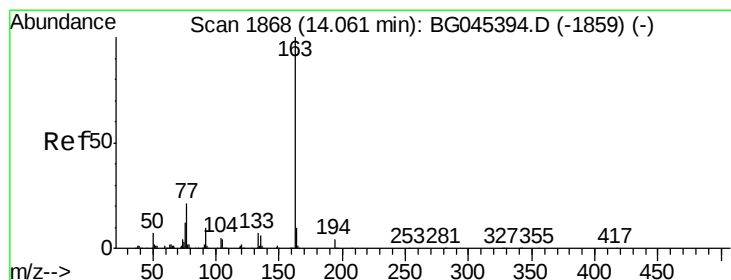
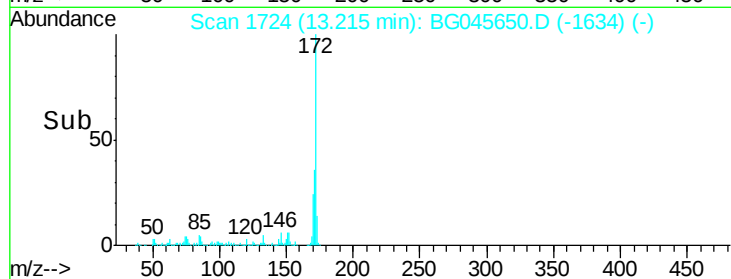
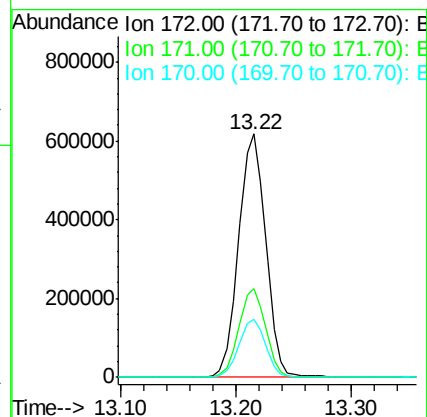
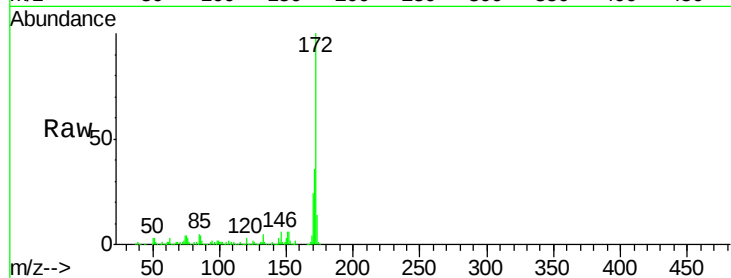




#45
2-Fluorobiphenyl
Concen: 93.776 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045650.D
Acq: 8 Jun 2020 20:16

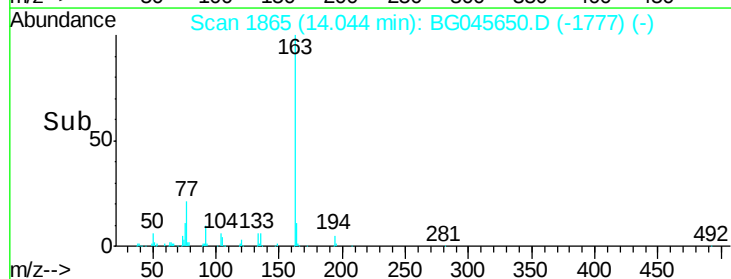
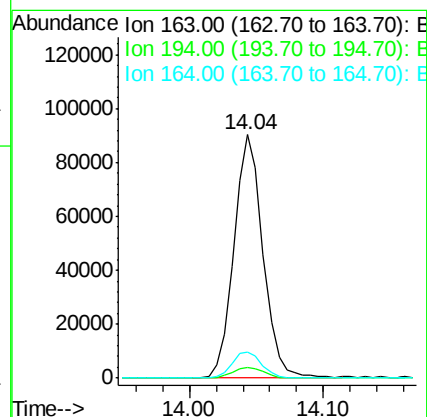
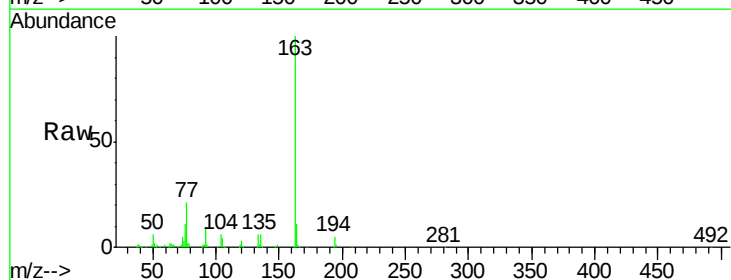
Instrument :
BNA_G
ClientSampleId :
FDW-115

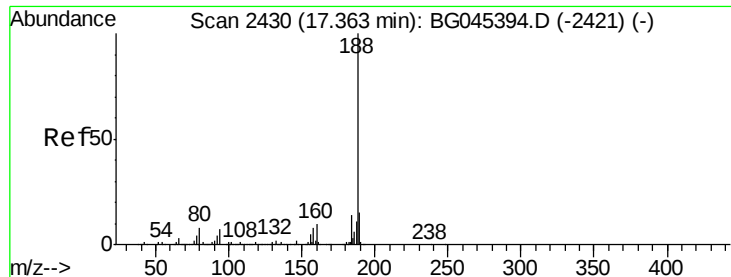
Tot Ion:172 Resp: 1006792
Ion Ratio Lower Upper
172 100
171 36.3 29.5 44.3
170 24.0 18.5 27.7



#50
Dimethylphthalate
Concen: 10.981 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045650.D
Acq: 8 Jun 2020 20:16

Tgt Ion:163 Resp: 137176
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 10.9 8.3 12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG045650.D

Acq: 8 Jun 2020 20:16

Instrument :

BNA_G

ClientSampleId :

FDW-115

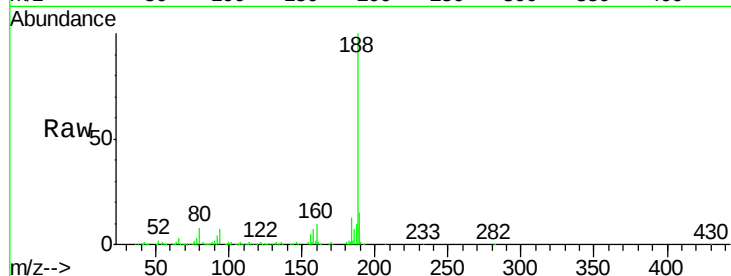
Tot Ion:188 Resp: 416187

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

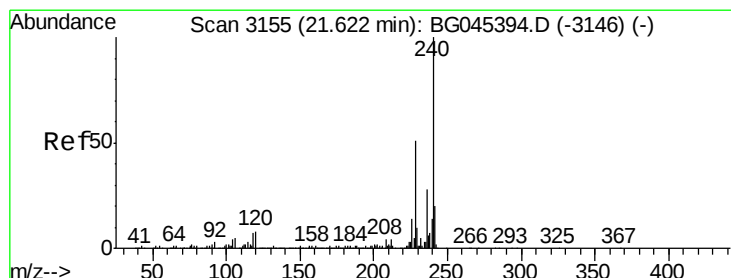
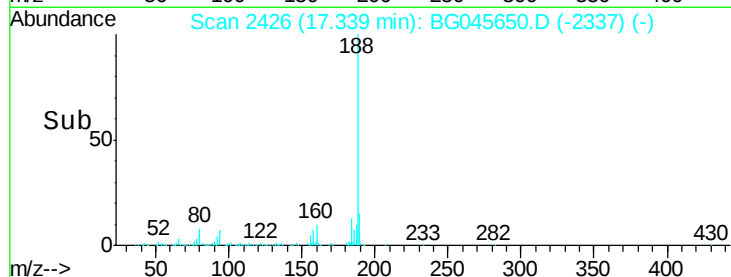
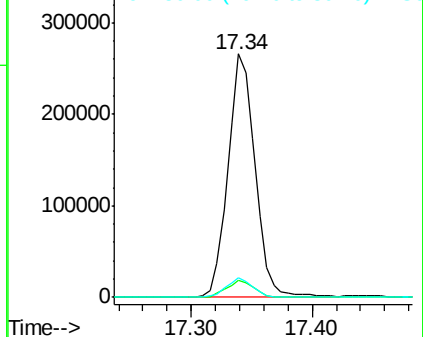
80 7.9 6.6 10.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG045650.D

Acq: 8 Jun 2020 20:16

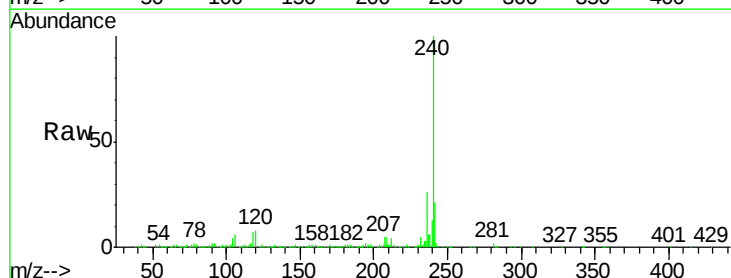
Tgt Ion:240 Resp: 388152

Ion Ratio Lower Upper

240 100

120 7.7 6.1 9.1

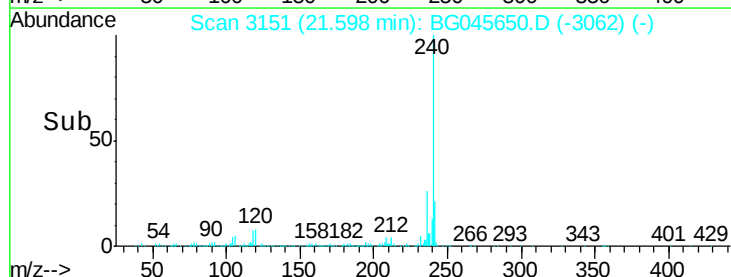
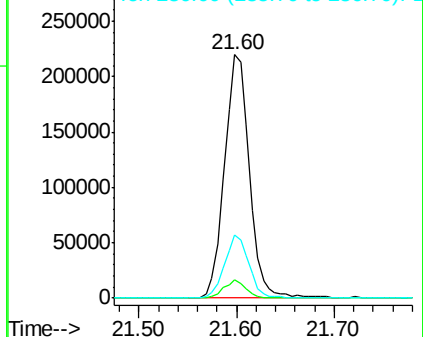
236 26.1 22.3 33.5

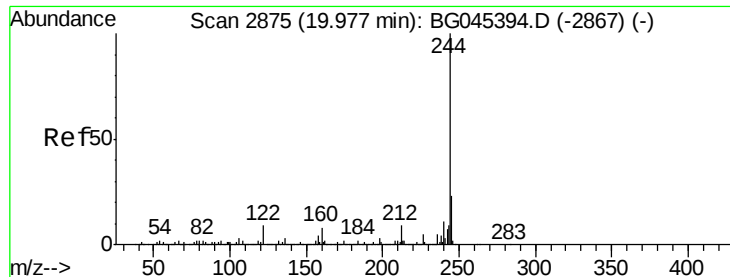


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.700 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045650.D

Acq: 8 Jun 2020 20:16

Instrument :

BNA_G

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FDW-115

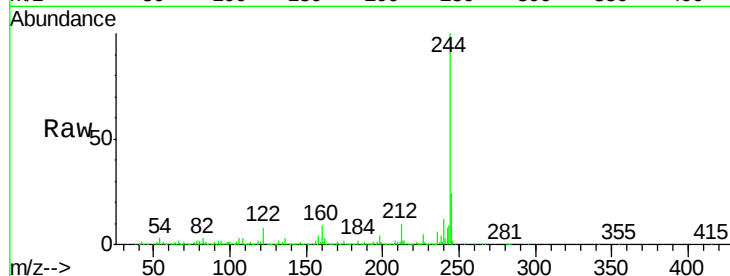
Tot Ion:244 Resp: 1775754

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

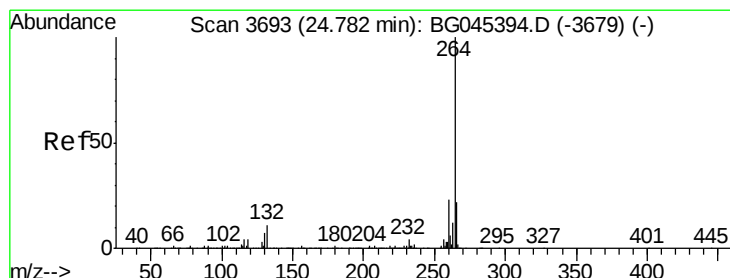
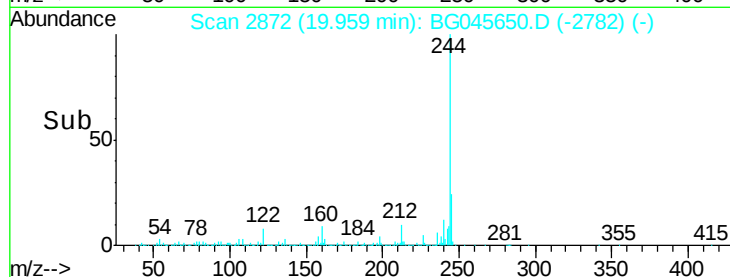
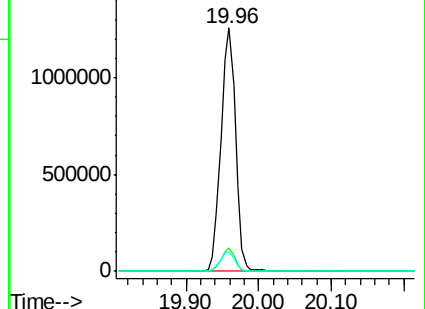
122 8.0 6.8 10.2



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: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG045650.D

Acq: 8 Jun 2020 20:16

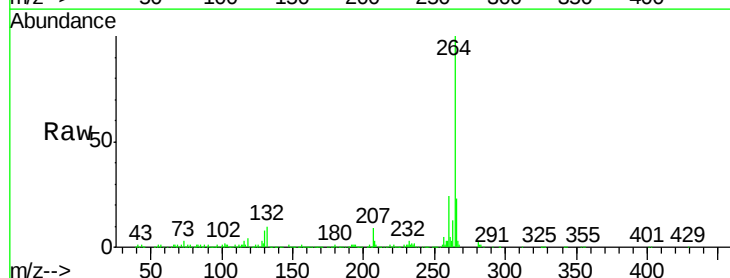
Tgt Ion:264 Resp: 404512

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 22.6 17.6 26.4



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

