

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
 Data File : BG043022.D
 Acq On : 4 Oct 2019 3:05
 Operator : JU
 Sample : K5181-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-AVENUE-2-ABCD

Quant Time: Oct 04 07:45:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

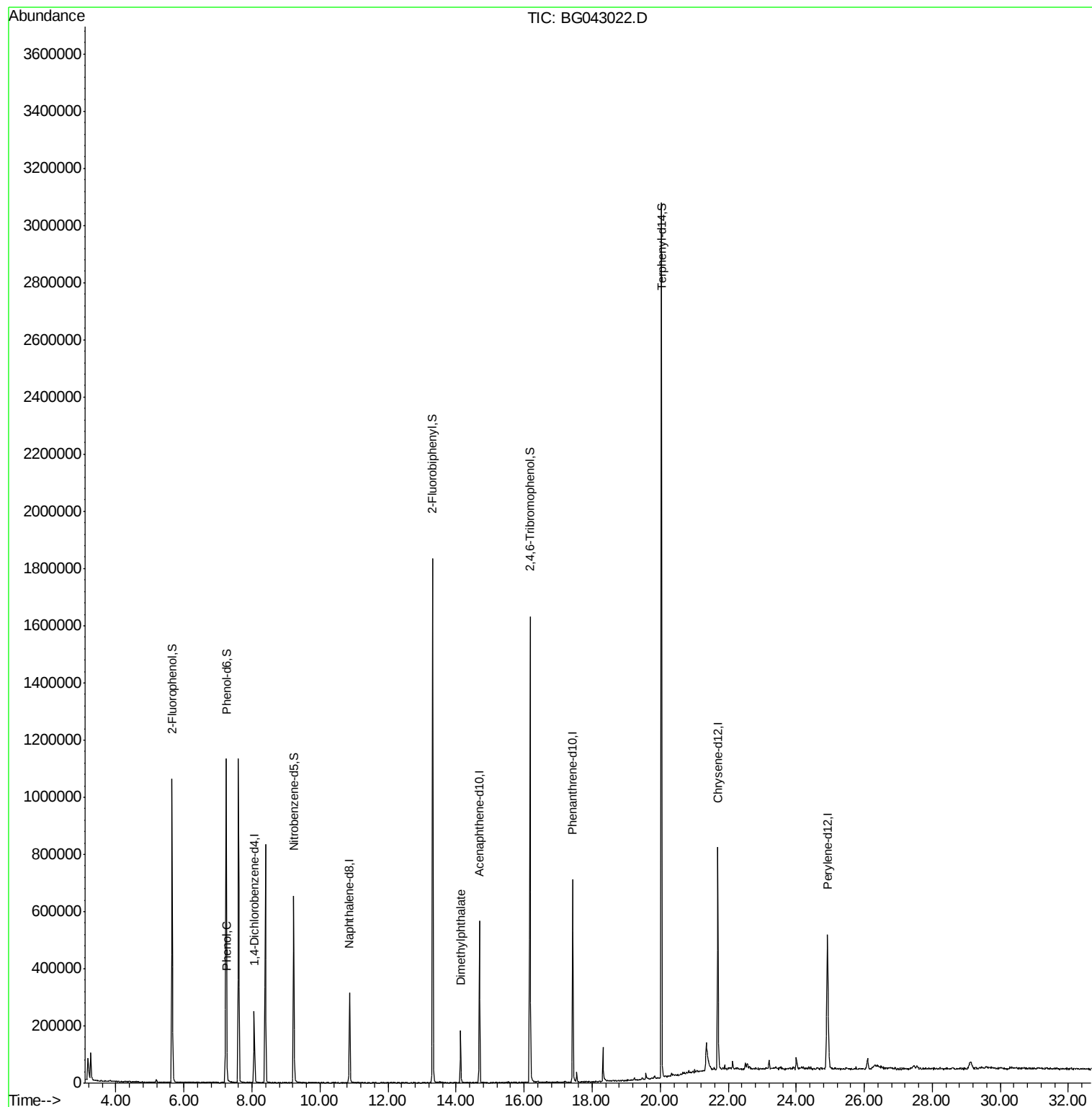
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	73370	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	279388	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	197256	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	450502	20.00	ng	0.00
76) Chrysene-d12	21.70	240	471574	20.00	ng	-0.02
87) Perylene-d12	24.92	264	551788	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	461582	112.27	ng	0.00
7) Phenol-d6	7.24	99	669290	113.05	ng	0.00
23) Nitrobenzene-d5	9.23	82	418426	72.79	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	365124	107.64	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	975349	71.68	ng	-0.01
79) Terphenyl-d14	20.04	244	1604032	72.48	ng	0.00
Target Compounds						
10) Phenol	7.27	94	14163	2.607	ng	89
50) Dimethylphthalate	14.13	163	122226	8.270	ng	98

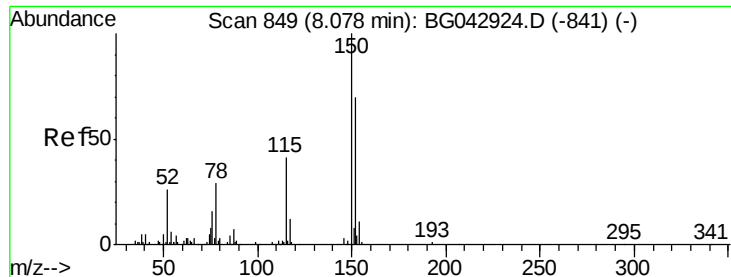
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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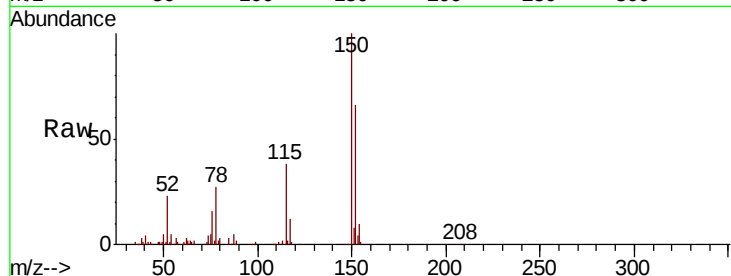


#1

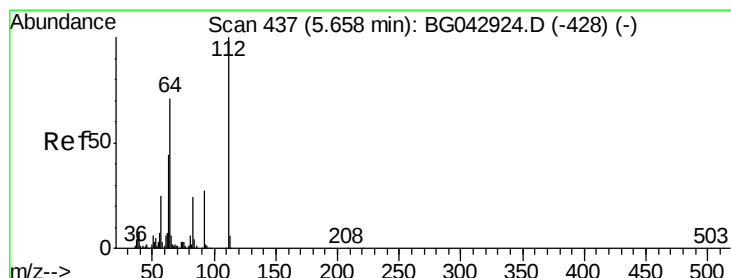
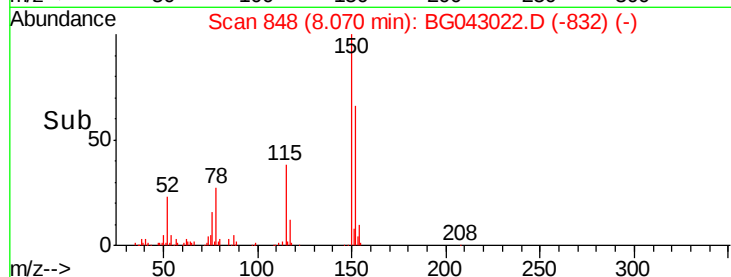
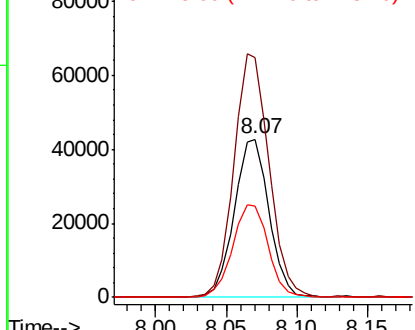
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG043022.D
Acq: 4 Oct 2019 3:05

Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-2-ABCD

Tot Ion:152 Resp: 73370
Ion Ratio Lower Upper
152 100
150 151.8 115.0 172.4
115 58.2 47.0 70.6



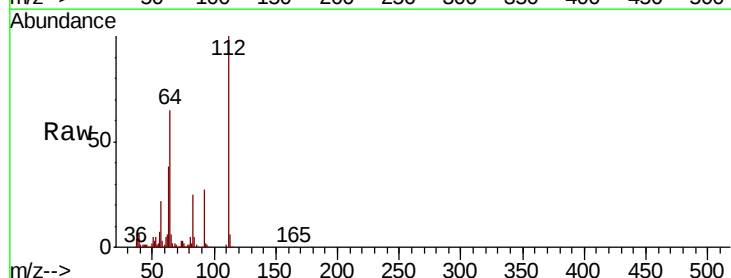
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



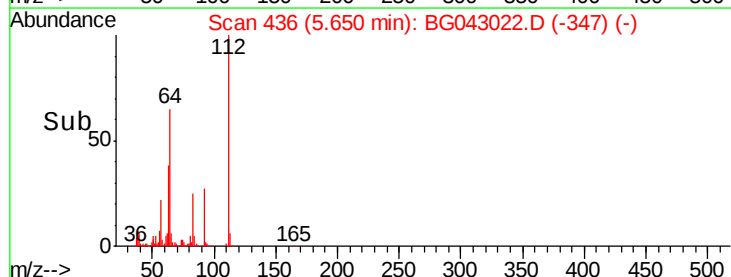
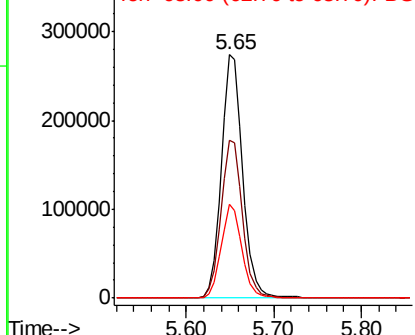
#5

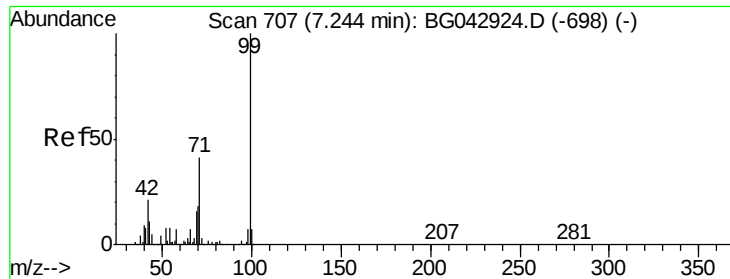
2-Fluorophenol
Concen: 112.273 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043022.D
Acq: 4 Oct 2019 3:05

Tgt Ion:112 Resp: 461582
Ion Ratio Lower Upper
112 100
64 64.9 56.6 84.8
63 38.3 35.1 52.7



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





#7

Phenol-d6

Concen: 113.048 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043022.D

Acq: 4 Oct 2019 3:05

Instrument :

BNA_G

ClientSampleId :

SOUTH-AVENUE-2-ABCD

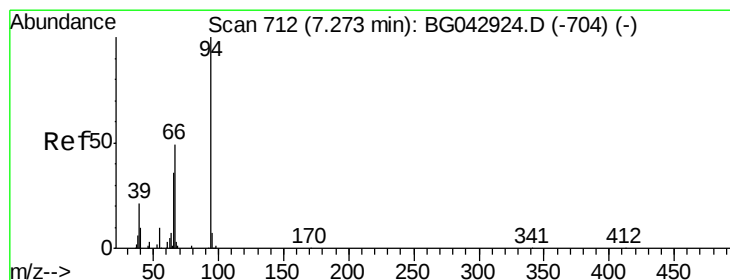
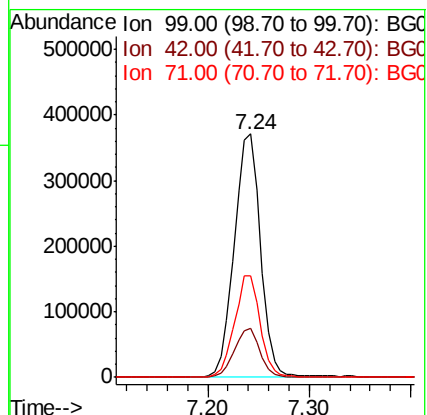
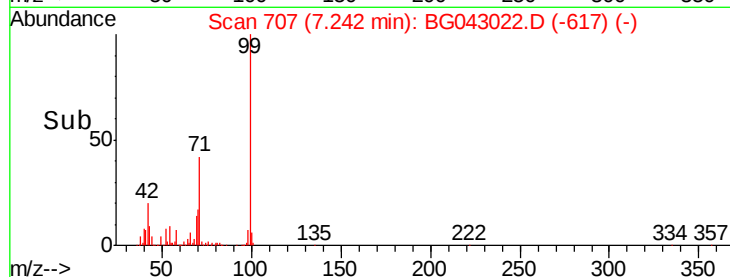
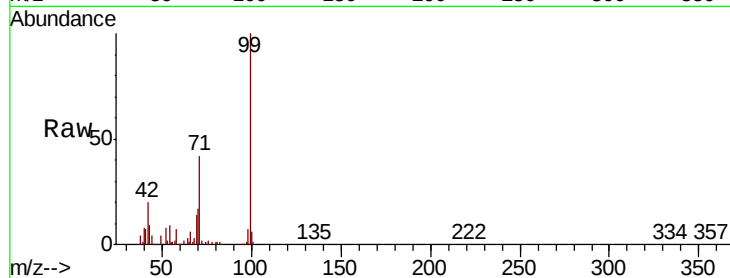
Tot Ion: 99 Resp: 669290

Ion Ratio Lower Upper

99 100

42 20.2 17.2 25.8

71 42.0 33.1 49.7



#10

Phenol

Concen: 2.607 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043022.D

Acq: 4 Oct 2019 3:05

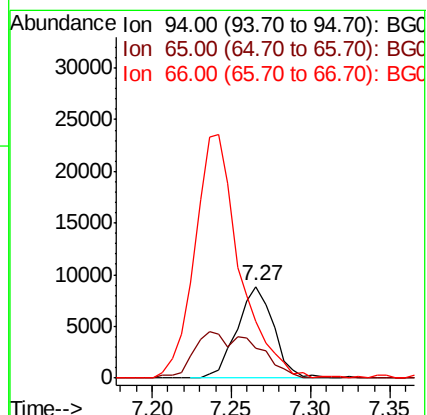
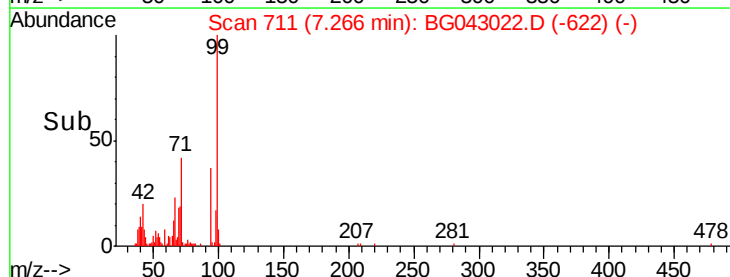
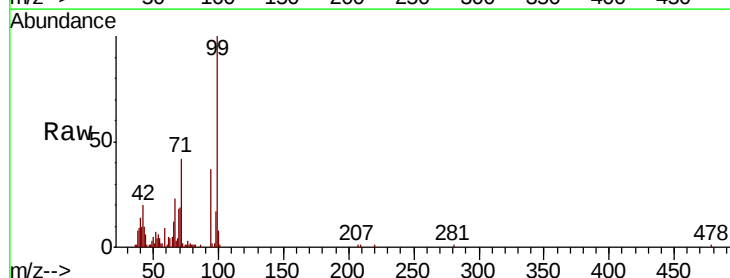
Tgt Ion: 94 Resp: 14163

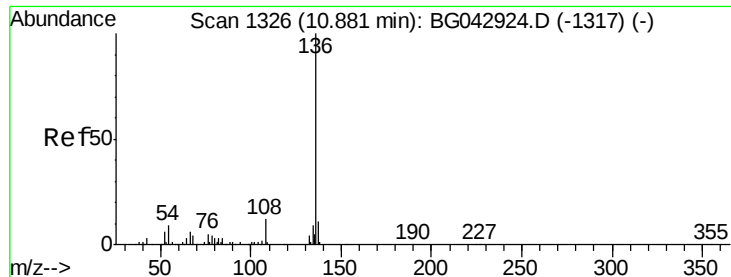
Ion Ratio Lower Upper

94 100

65 33.2 16.6 56.6

66 62.8 32.4 72.4

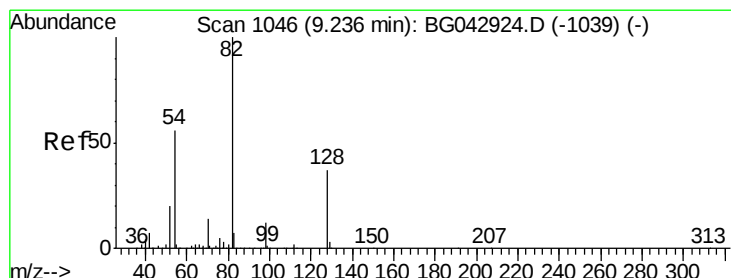
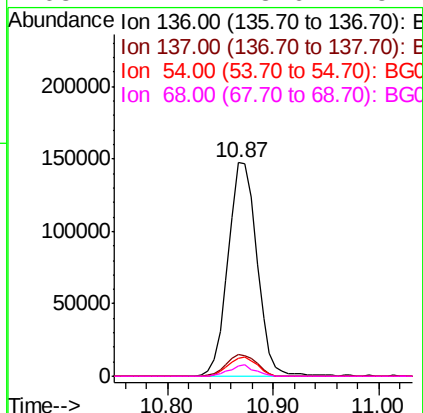
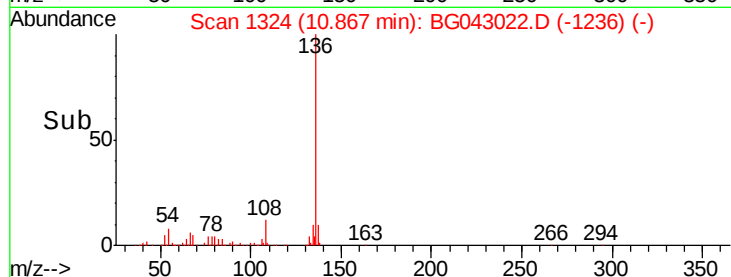
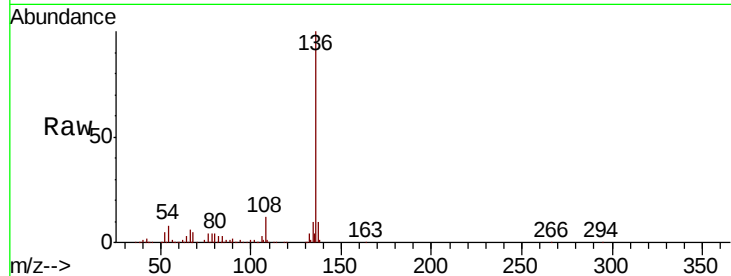




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043022.D
Acq: 4 Oct 2019 3:05

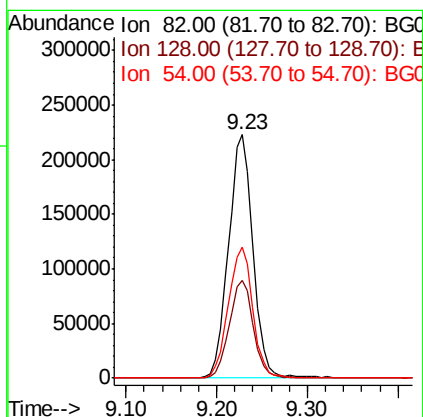
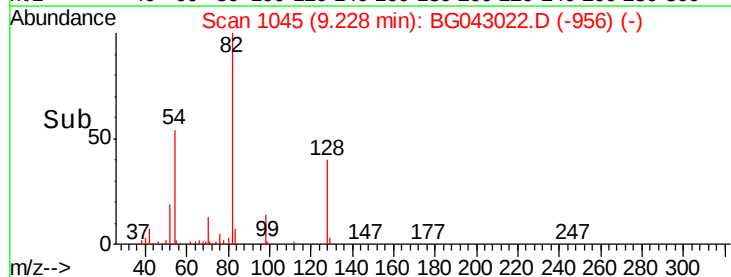
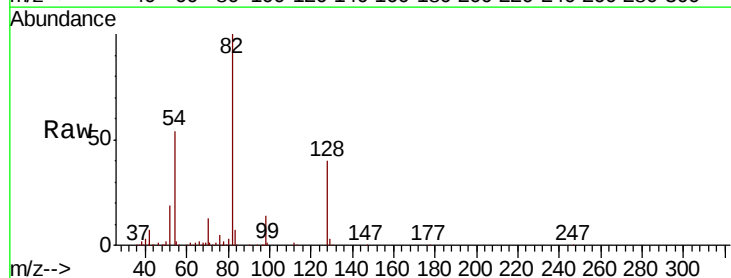
Instrument :
BNA_G
ClientSampleId :
SOUTH-AVENUE-2-ABCD

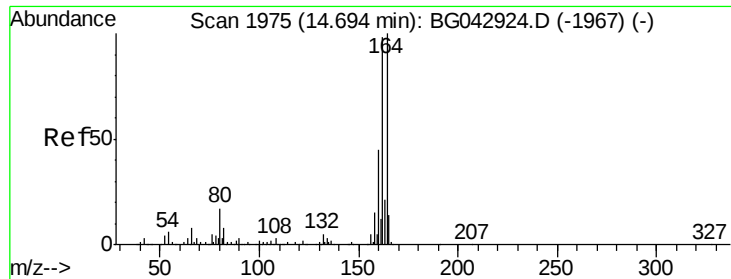
Tot Ion:136	Resp:	279388
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.5 12.7
54	8.4	7.4 11.2
68	4.7	3.6 5.4



#23
Nitrobenzene-d5
Concen: 72.794 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043022.D
Acq: 4 Oct 2019 3:05

Tgt Ion: 82	Resp:	418426
Ion Ratio	Lower	Upper
82	100	
128	40.3	29.5 44.3
54	53.7	44.6 67.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043022.D

Acq: 4 Oct 2019 3:05

Instrument :

BNA_G

ClientSampleId :

SOUTH-AVENUE-2-ABCD

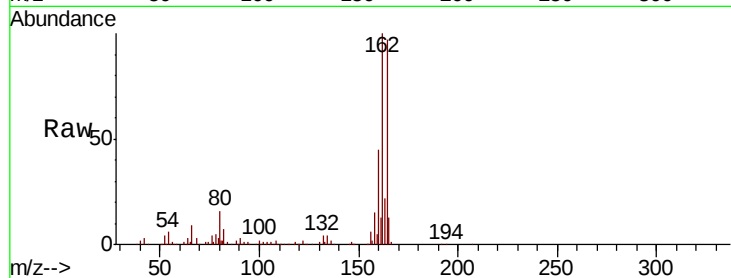
Tot Ion:164 Resp: 197256

Ion Ratio Lower Upper

164 100

162 102.7 78.5 117.7

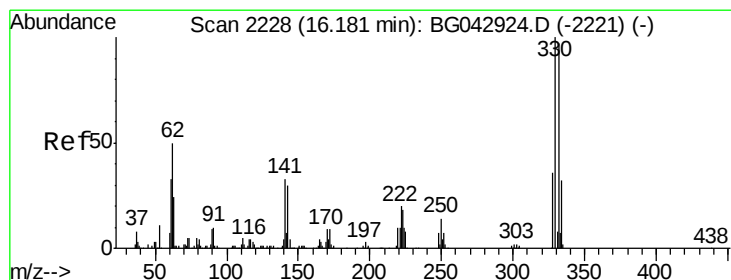
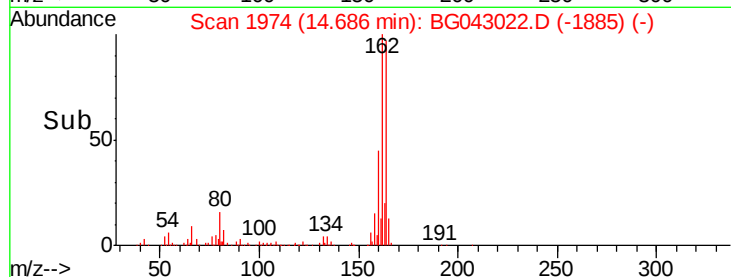
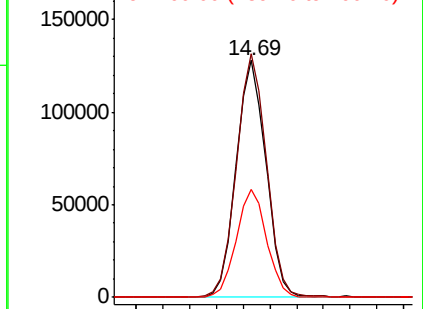
160 45.7 35.9 53.9



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: 107.645 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043022.D

Acq: 4 Oct 2019 3:05

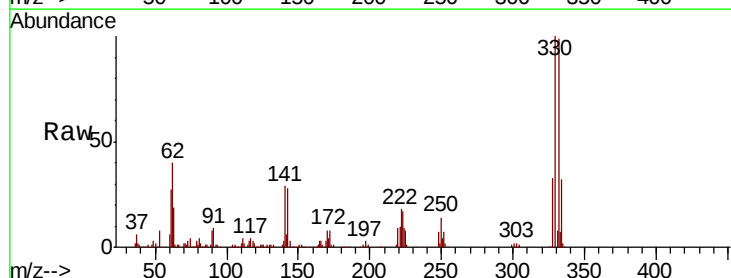
Tgt Ion:330 Resp: 365124

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.2

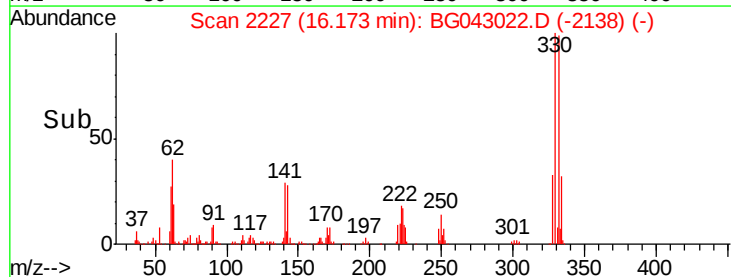
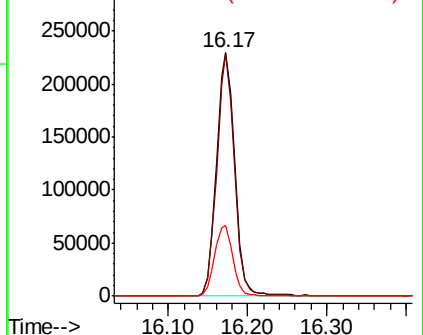
141 29.2 26.0 39.0

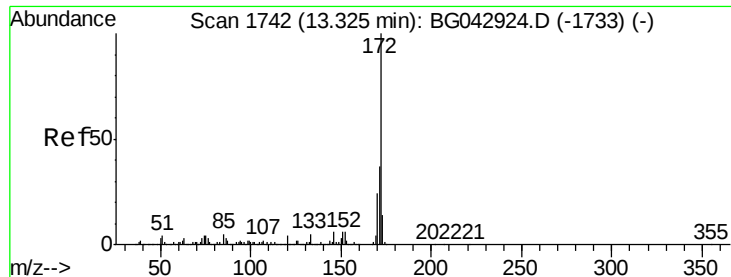


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

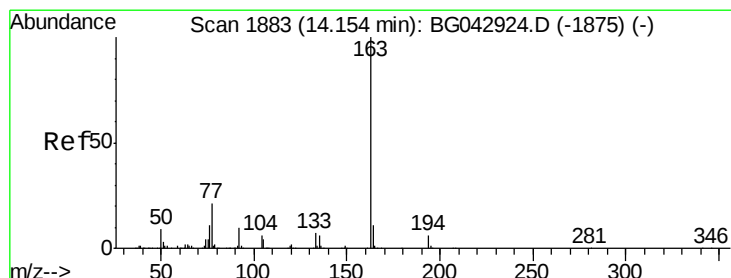
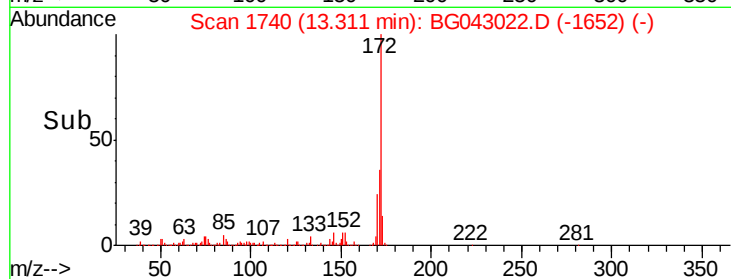
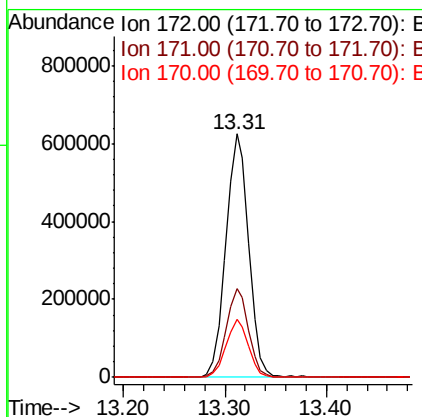
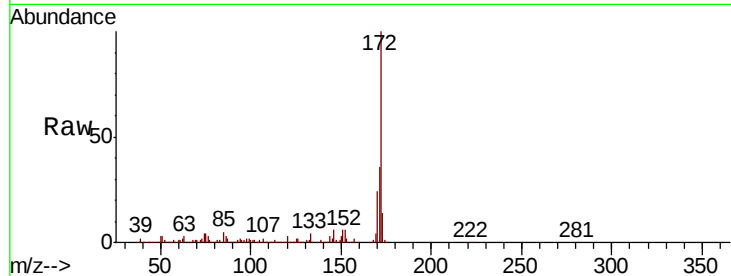




#45
 2-Fluorobiphenyl
 Concen: 71.682 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG043022.D
 Acq: 4 Oct 2019 3:05

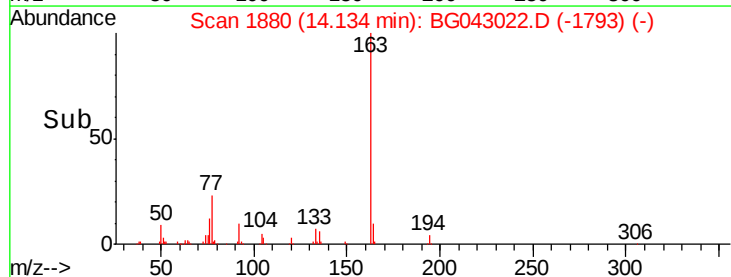
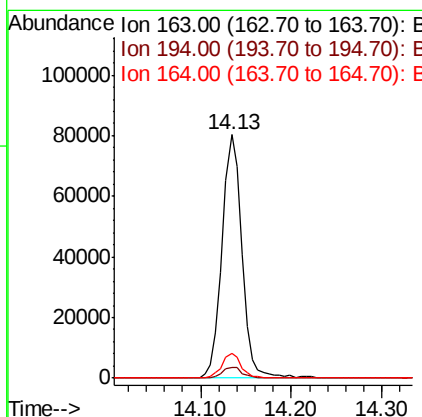
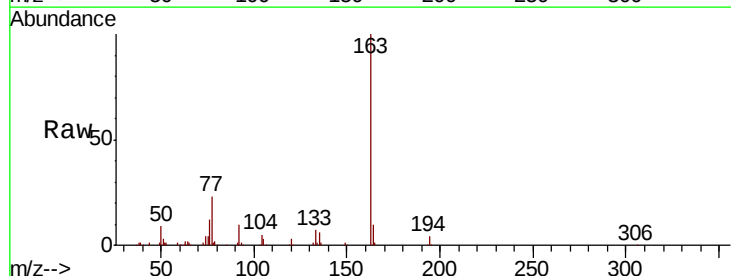
Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-AVENUE-2-ABCD

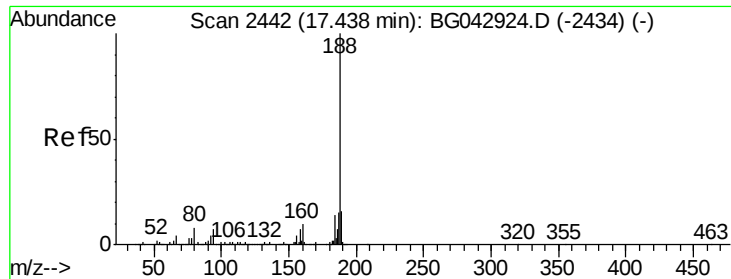
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.6	29.4



#50
 Dimethylphthalate
 Concen: 8.270 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.02 min
 Lab File: BG043022.D
 Acq: 4 Oct 2019 3:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.4	6.6
164	10.0	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG043022.D

Acq: 4 Oct 2019 3:05

Instrument :

BNA_G

ClientSampleId :

SOUTH-AVENUE-2-ABCD

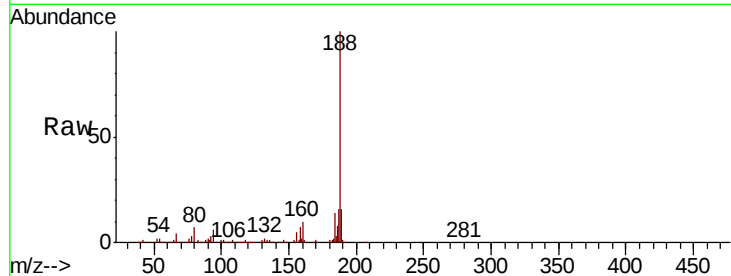
Tot Ion:188 Resp: 450502

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

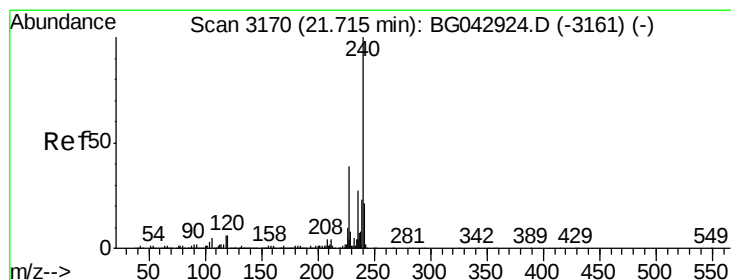
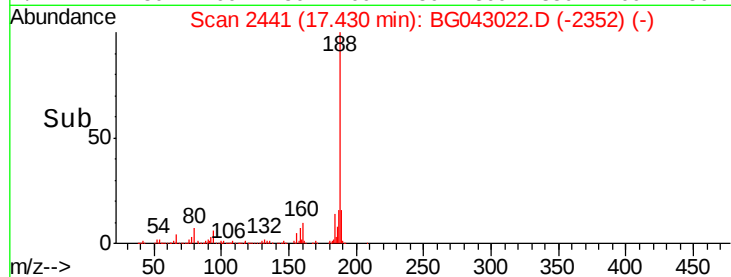
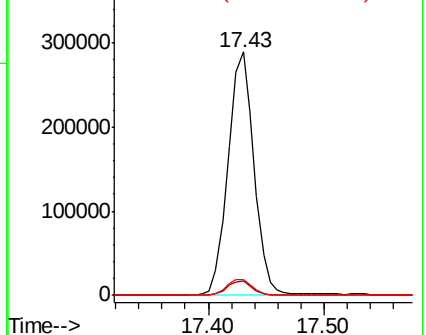
80 6.7 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043022.D

Acq: 4 Oct 2019 3:05

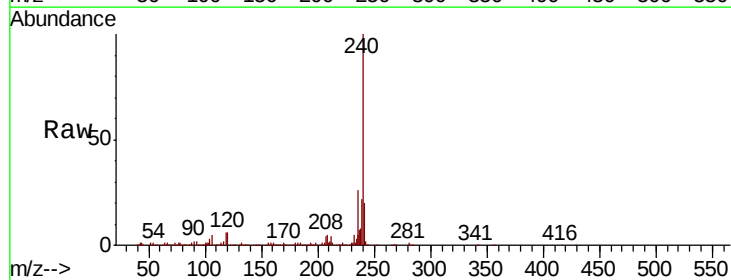
Tgt Ion:240 Resp: 471574

Ion Ratio Lower Upper

240 100

120 5.8 4.8 7.2

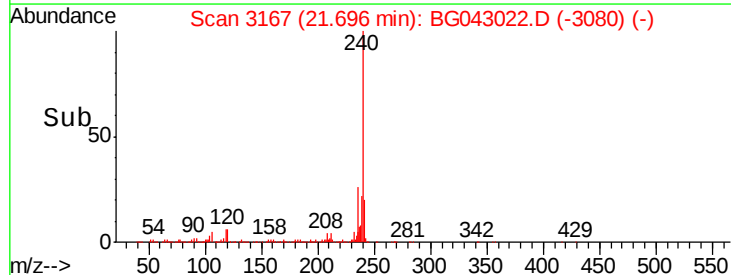
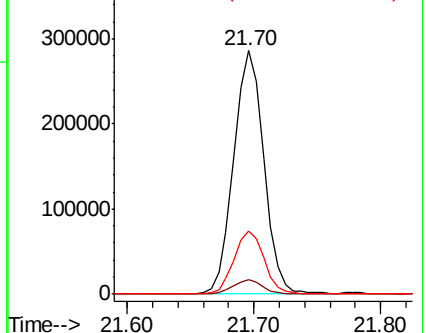
236 26.2 21.4 32.0

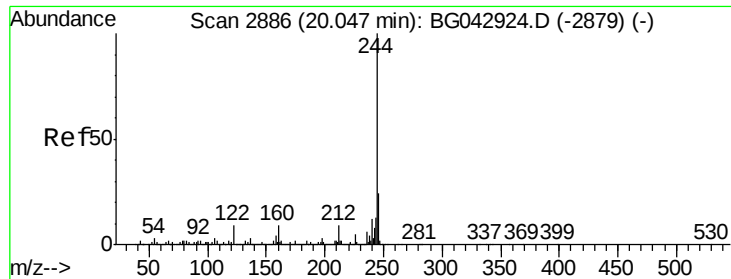


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.481 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043022.D

Acq: 4 Oct 2019 3:05

Instrument :

BNA_G

ClientSampleId :

SOUTH-AVENUE-2-ABCD

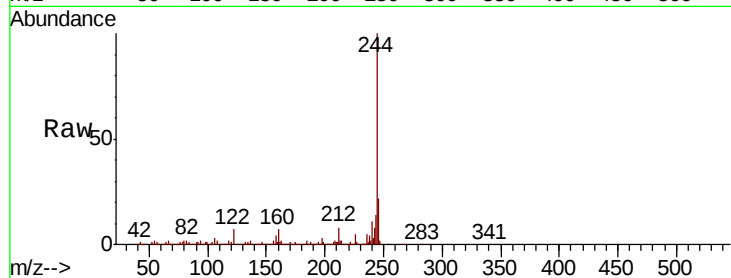
Tot Ion:244 Resp: 1604032

Ion Ratio Lower Upper

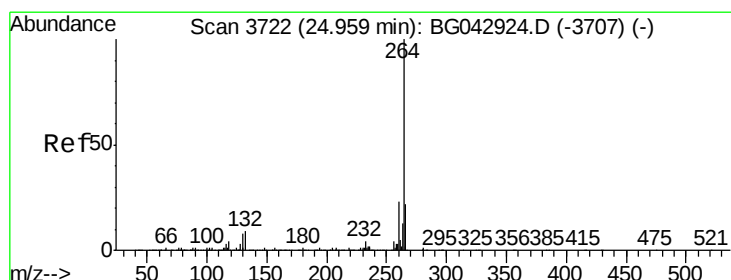
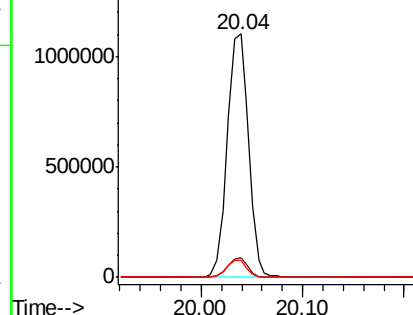
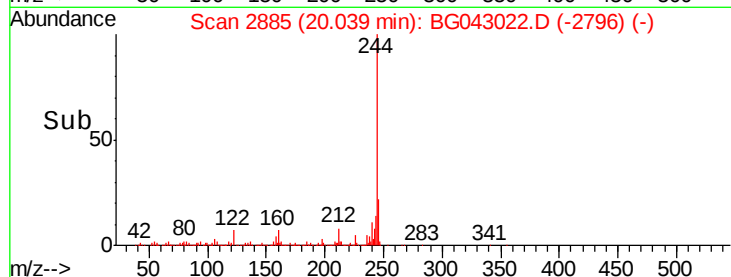
244 100

212 7.9 7.4 11.0

122 7.1 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E
1500000 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: 24.92 min Scan# 3716

Delta R.T. -0.04 min

Lab File: BG043022.D

Acq: 4 Oct 2019 3:05

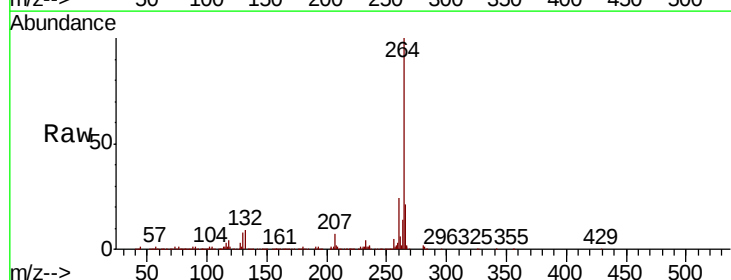
Tgt Ion:264 Resp: 551788

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
250000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

