

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043225.D
 Acq On : 15 Oct 2019 19:10
 Operator : JU
 Sample : K5325-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10-10-G

Quant Time: Oct 16 01:54:49 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

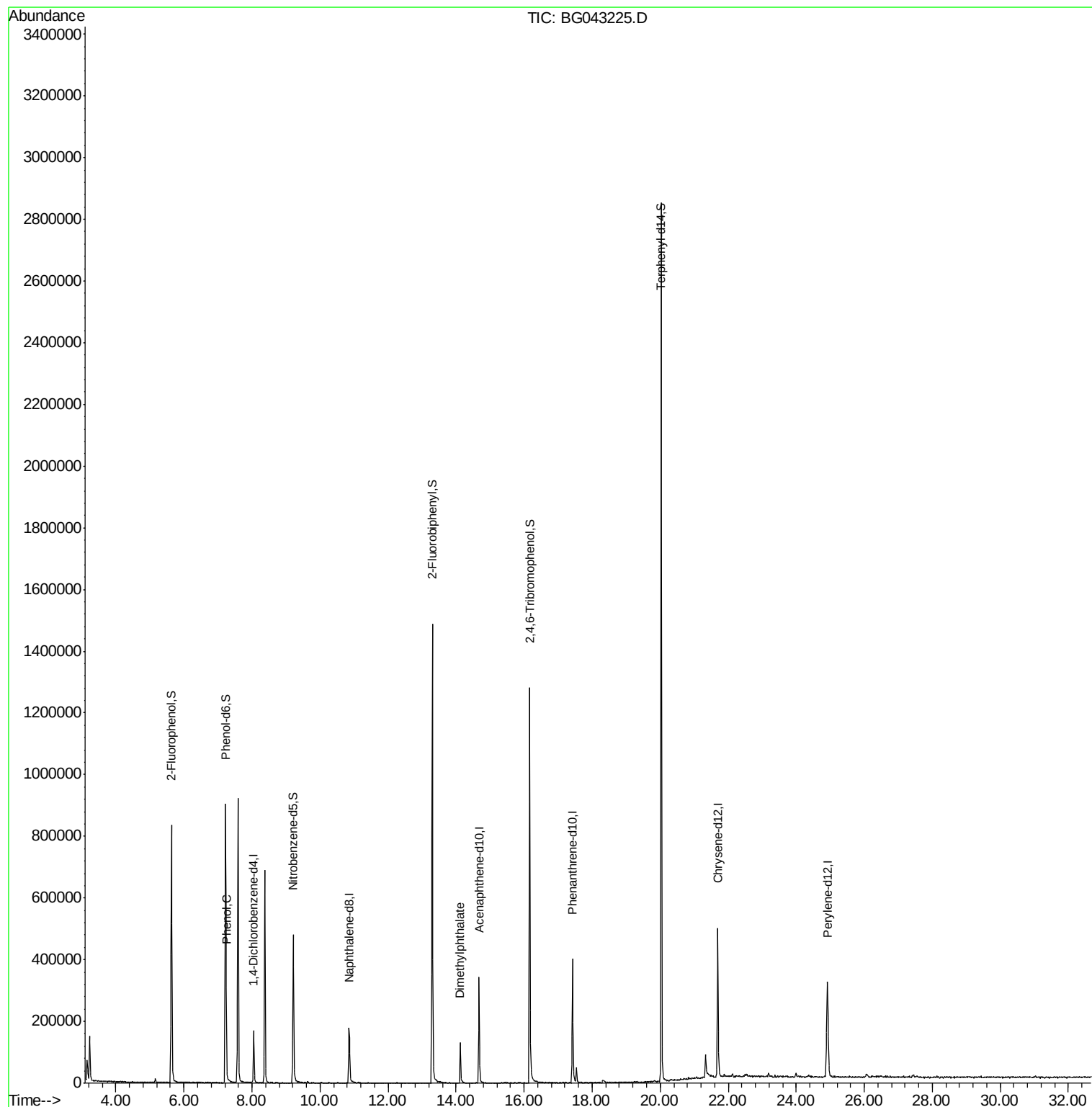
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49799	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	188017	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	135246	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	312254	20.00	ng	0.00
76) Chrysene-d12	21.70	240	337558	20.00	ng	0.00
87) Perylene-d12	24.92	264	395325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	380316	136.29	ng	0.00
7) Phenol-d6	7.22	99	557380	138.71	ng	0.00
23) Nitrobenzene-d5	9.21	82	338950	87.62	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	321128	138.08	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	864887	92.71	ng	0.00
79) Terphenyl-d14	20.03	244	1527833	96.45	ng	0.00
Target Compounds						
10) Phenol	7.25	94	14711	3.990	ng	# 71
50) Dimethylphthalate	14.12	163	104257	10.288	ng	# 95

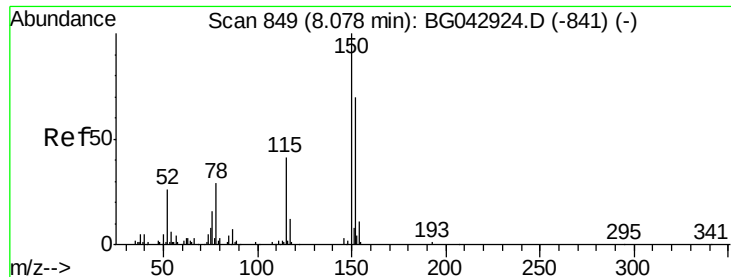
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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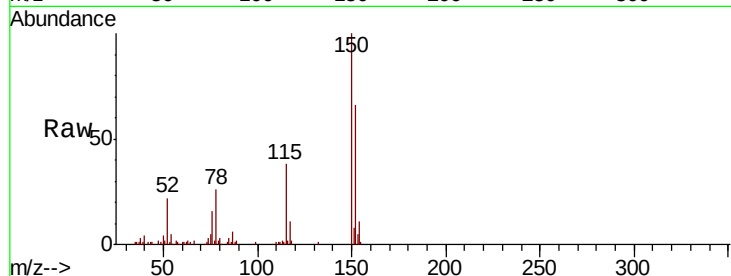


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043225.D
Acq: 15 Oct 2019 19:10

Instrument :
BNA_G
ClientSampleId :
10-10-G

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	115.0	172.4
115	57.6	47.0	70.6

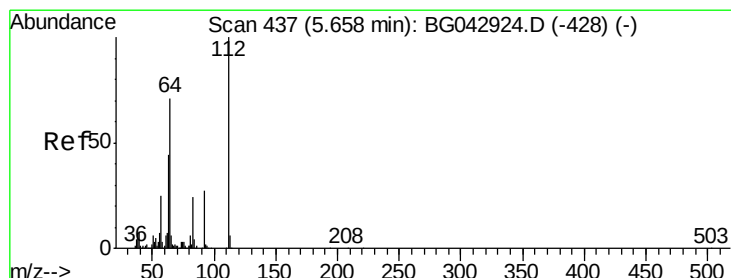
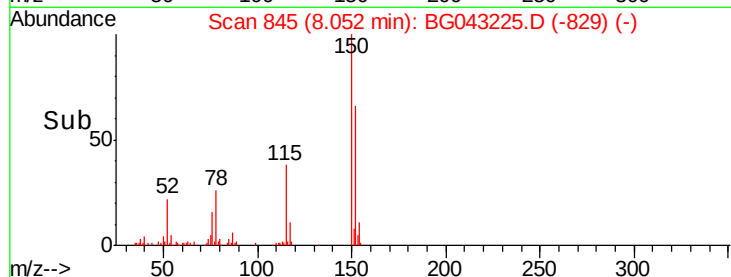
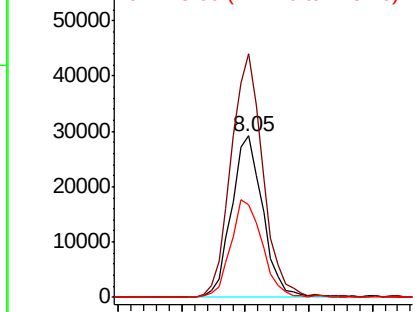


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

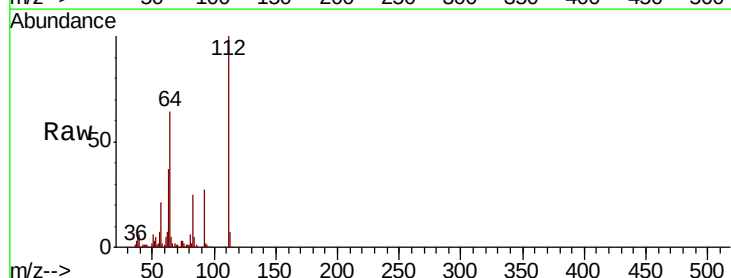
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.292 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043225.D
Acq: 15 Oct 2019 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	56.6	84.8
63	37.1	35.1	52.7

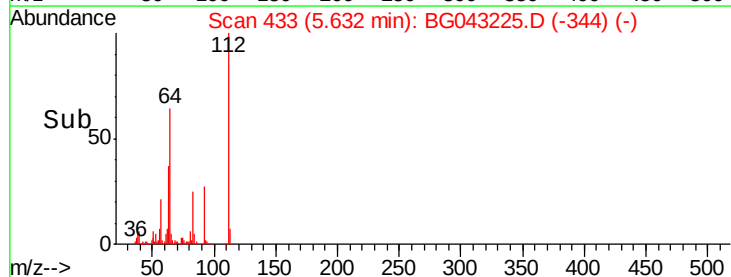
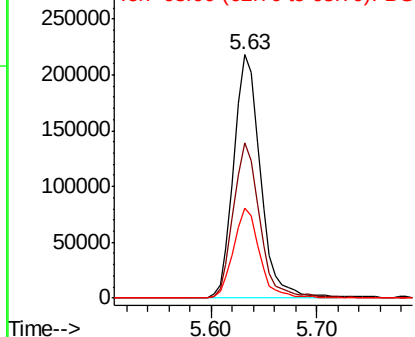


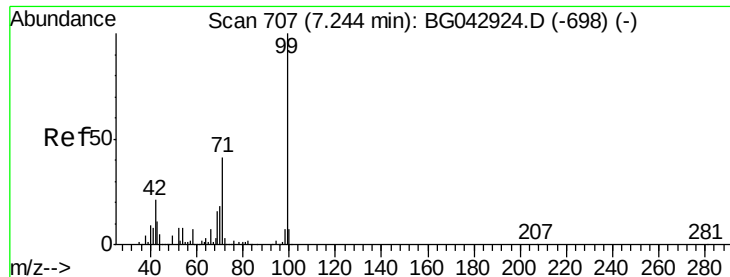
Abundance

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: 138.706 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043225.D

Acq: 15 Oct 2019 19:10

Instrument :

BNA_G

ClientSampleId :

10-10-G

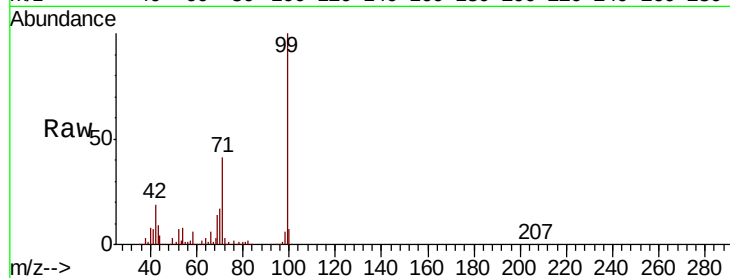
Tot Ion: 99 Resp: 557380

Ion Ratio Lower Upper

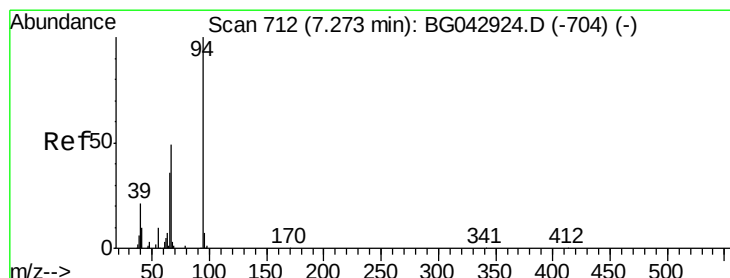
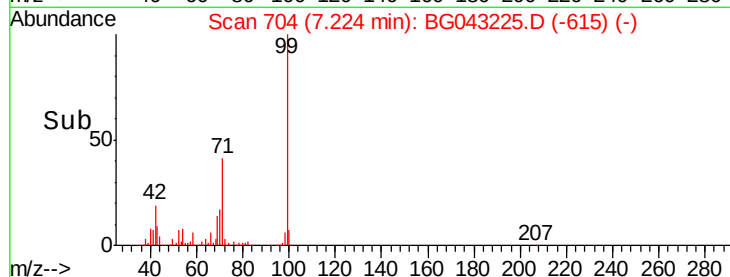
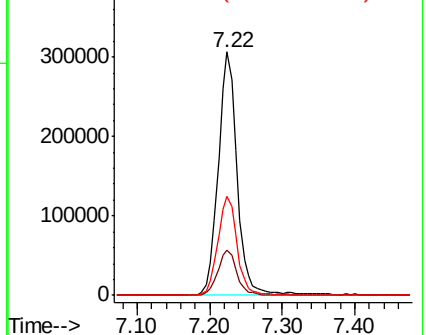
99 100

42 18.5 17.2 25.8

71 40.8 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: 3.990 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG043225.D

Acq: 15 Oct 2019 19:10

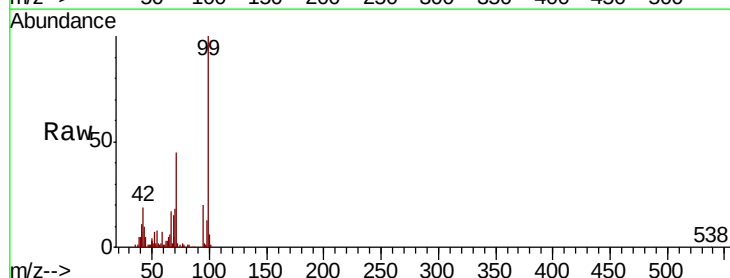
Tgt Ion: 94 Resp: 14711

Ion Ratio Lower Upper

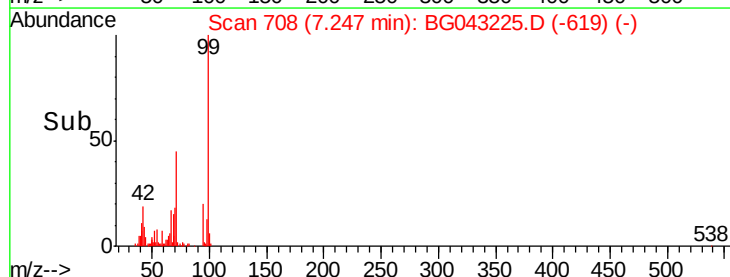
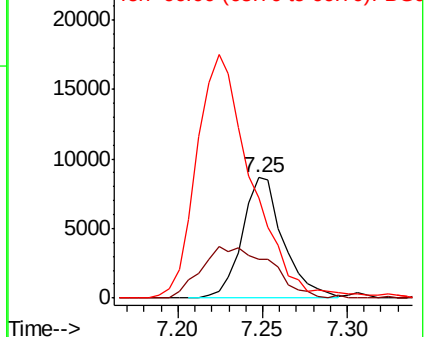
94 100

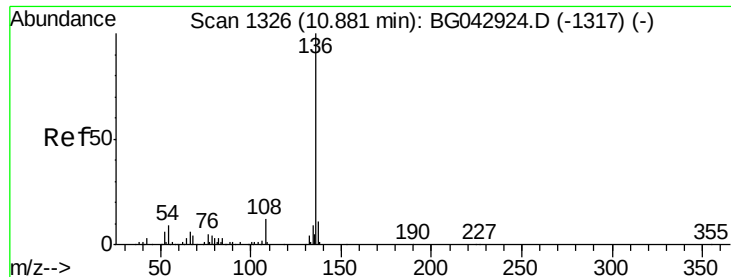
65 32.2 16.6 56.6

66 83.3 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

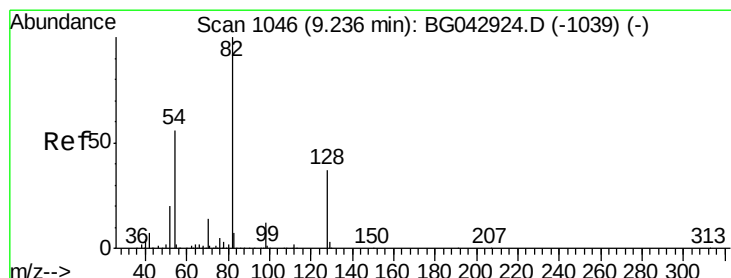
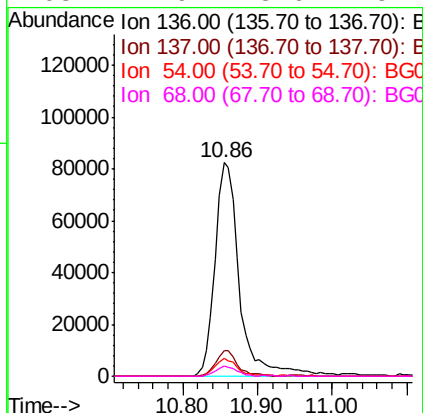
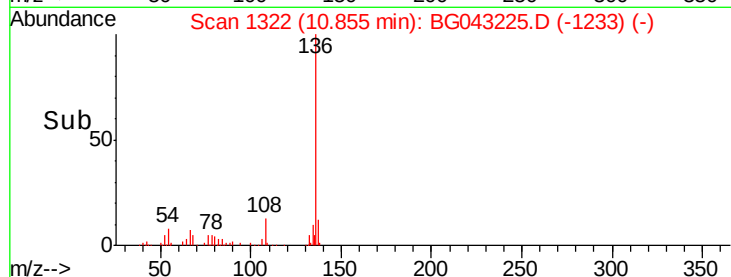
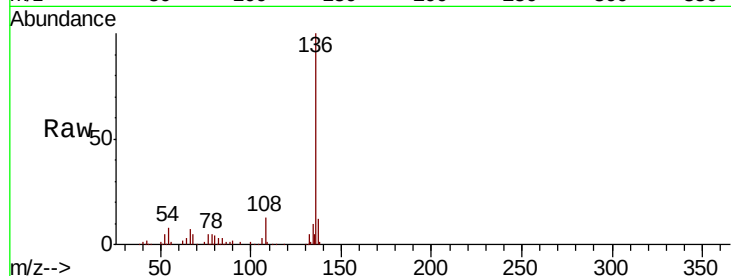




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043225.D
Acq: 15 Oct 2019 19:10

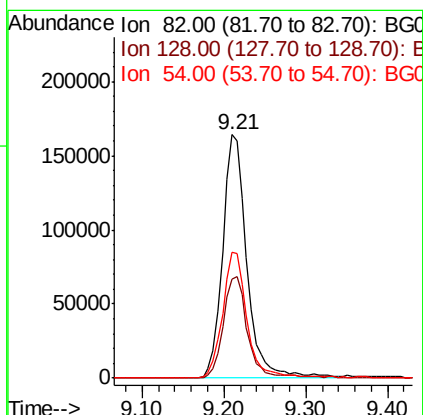
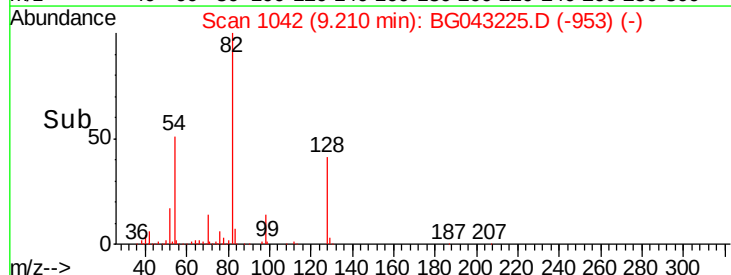
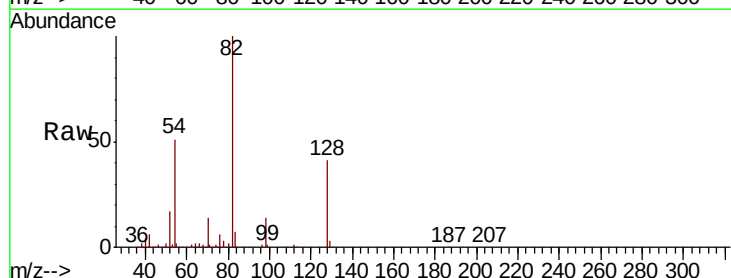
Instrument :
BNA_G
ClientSampleId :
10-10-G

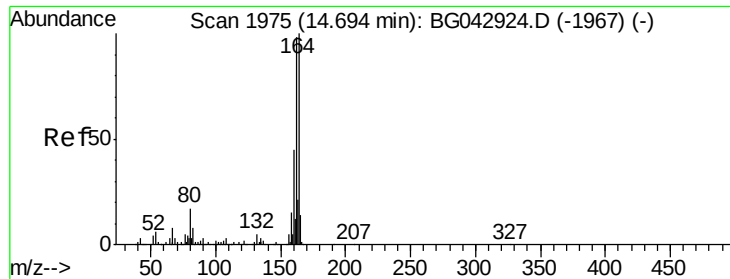
Tot Ion:136	Resp:	188017
Ion	Ratio	Lower Upper
136	100	
137	11.7	8.5 12.7
54	8.1	7.4 11.2
68	4.9	3.6 5.4



#23
Nitrobenzene-d5
Concen: 87.624 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043225.D
Acq: 15 Oct 2019 19:10

Tgt Ion: 82	Resp:	338950
Ion	Ratio	Lower Upper
82	100	
128	40.8	29.5 44.3
54	51.4	44.6 67.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG043225.D

Acq: 15 Oct 2019 19:10

Instrument :

BNA_G

ClientSampleId :

10-10-G

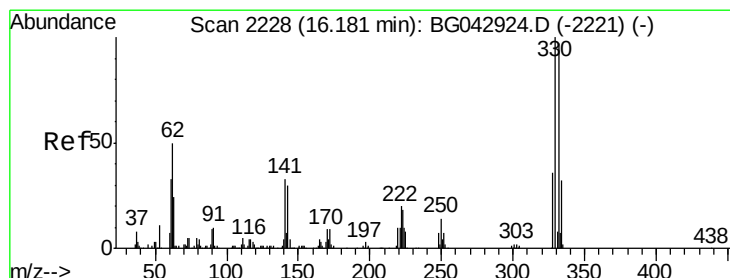
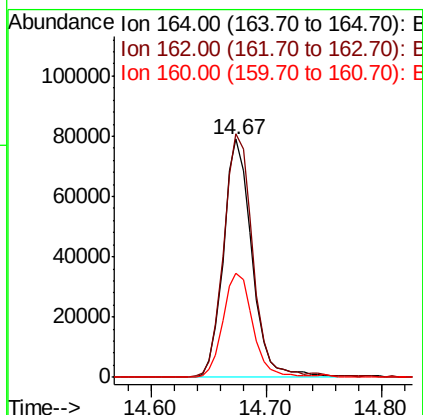
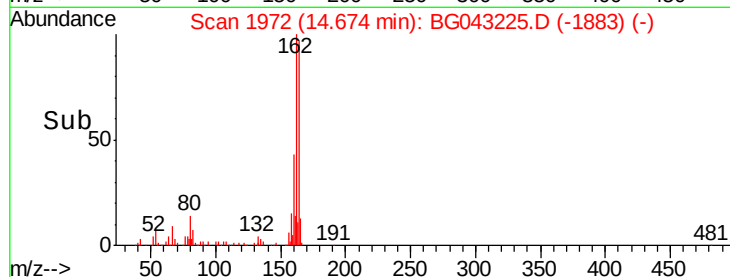
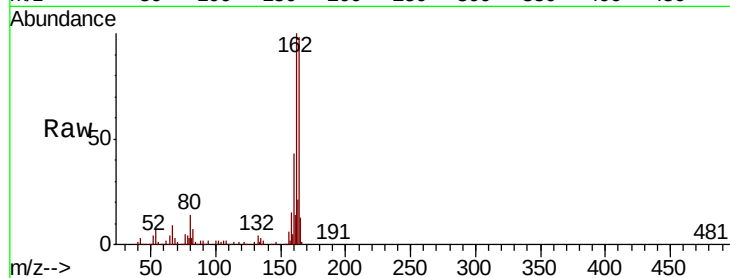
Tot Ion:164 Resp: 135246

Ion Ratio Lower Upper

164 100

162 102.2 78.5 117.7

160 43.8 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 138.082 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG043225.D

Acq: 15 Oct 2019 19:10

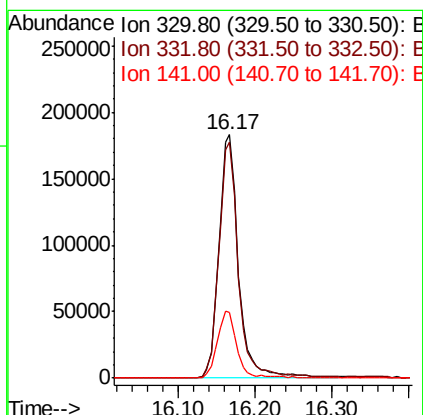
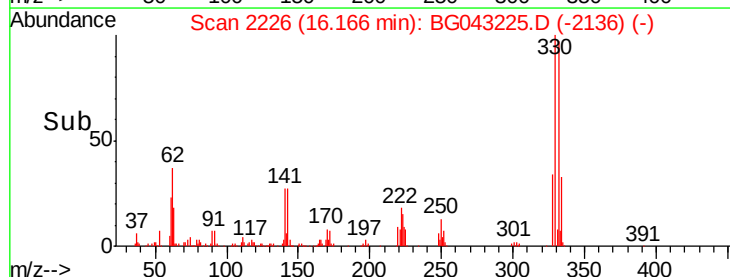
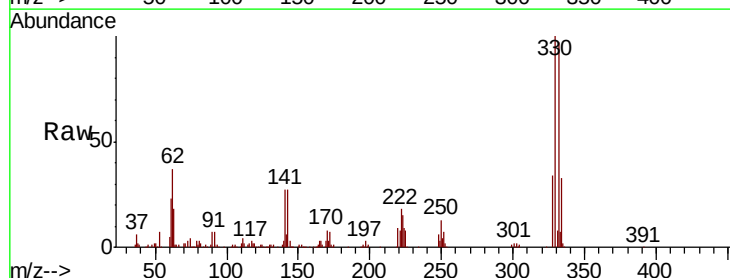
Tgt Ion:330 Resp: 321128

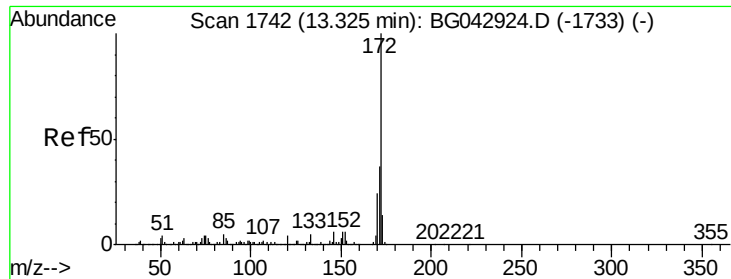
Ion Ratio Lower Upper

330 100

332 94.6 78.2 117.2

141 27.7 26.0 39.0

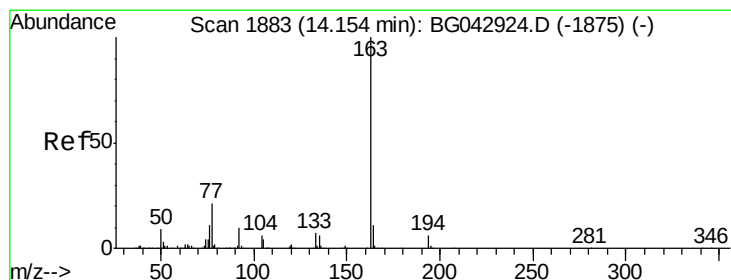
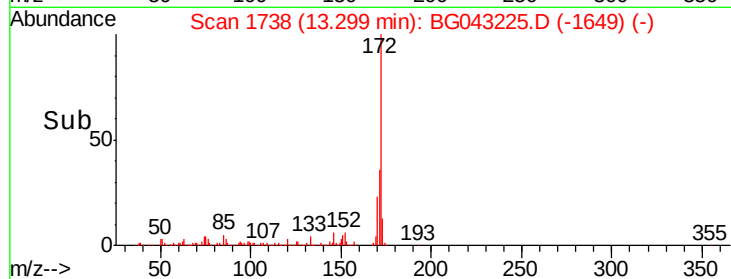
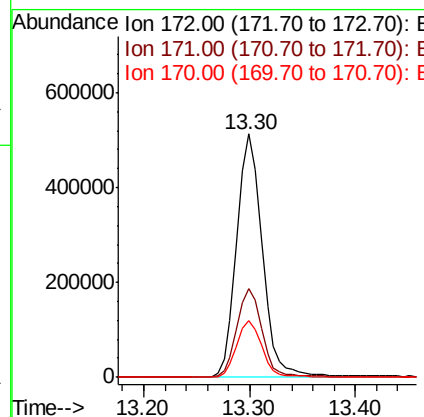
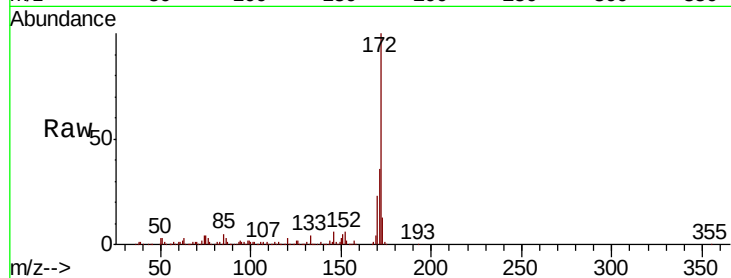




#45
2-Fluorobiphenyl
Concen: 92.707 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043225.D
Acq: 15 Oct 2019 19:10

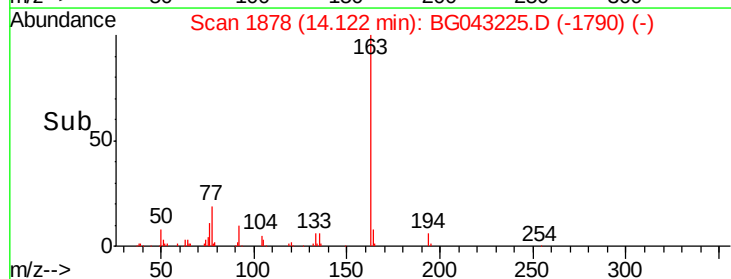
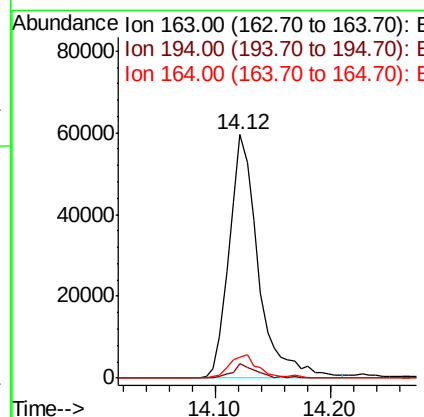
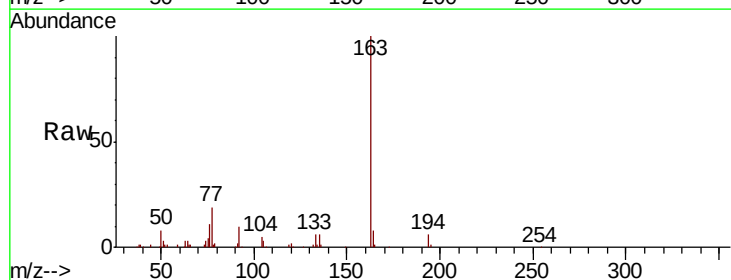
Instrument :
BNA_G
ClientSampleId :
10-10-G

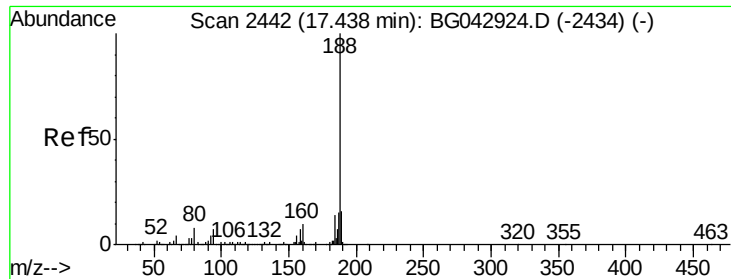
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.3	19.6	29.4



#50
Dimethylphthalate
Concen: 10.288 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043225.D
Acq: 15 Oct 2019 19:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.9	4.4	6.6
164	8.4	8.6	12.8#

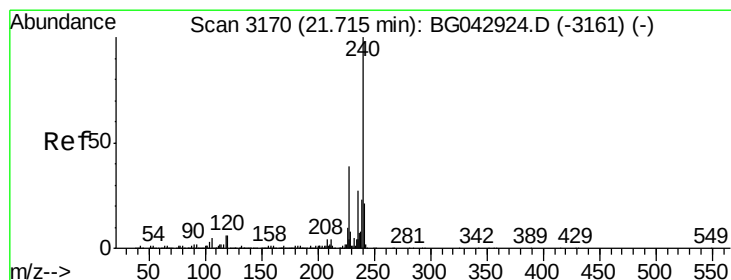
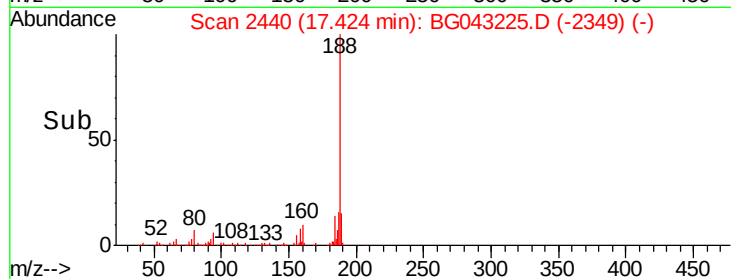
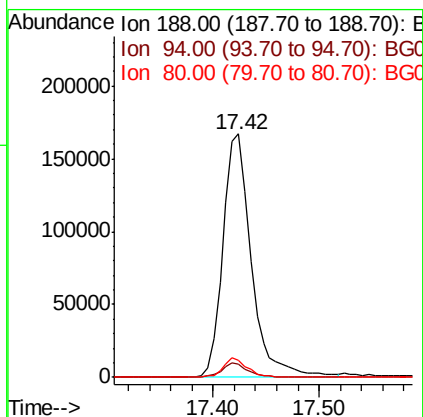
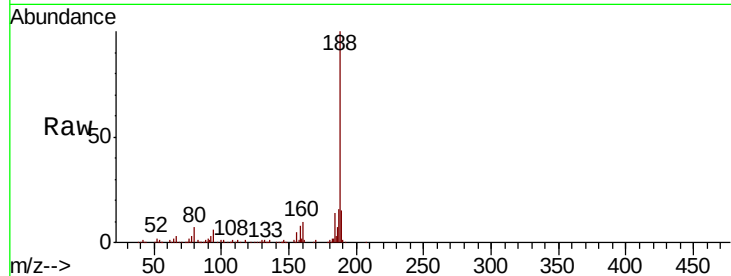




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG043225.D
Acq: 15 Oct 2019 19:10

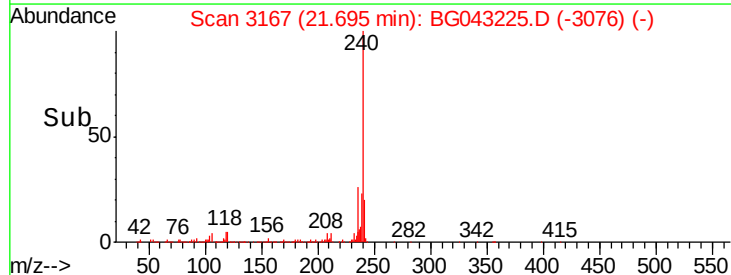
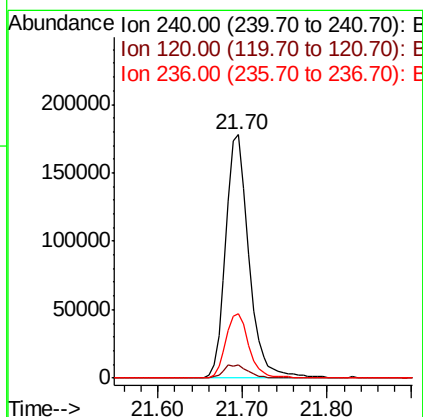
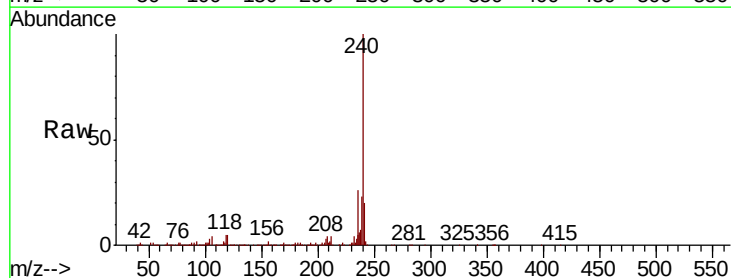
Instrument :
BNA_G
ClientSampleId :
10-10-G

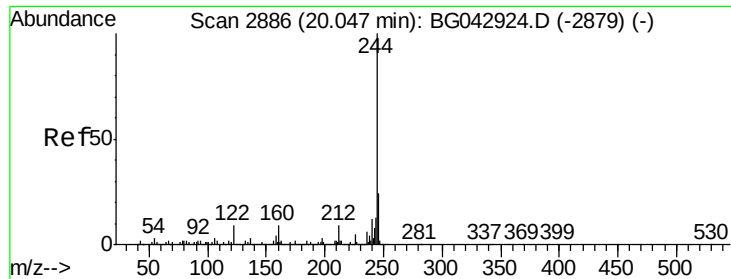
Tot Ion:188 Resp: 312254
Ion Ratio Lower Upper
188 100
94 5.6 5.7 8.5#
80 7.1 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG043225.D
Acq: 15 Oct 2019 19:10

Tgt Ion:240 Resp: 337558
Ion Ratio Lower Upper
240 100
120 5.4 4.8 7.2
236 26.4 21.4 32.0





#79

Terphenyl-d14

Concen: 96.447 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043225.D

Acq: 15 Oct 2019 19:10

Instrument :

BNA_G

ClientSampleId :

10-10-G

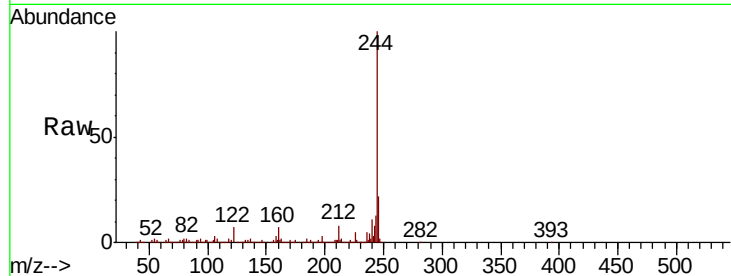
Tot Ion:244 Resp: 1527833

Ion Ratio Lower Upper

244 100

212 7.6 7.4 11.0

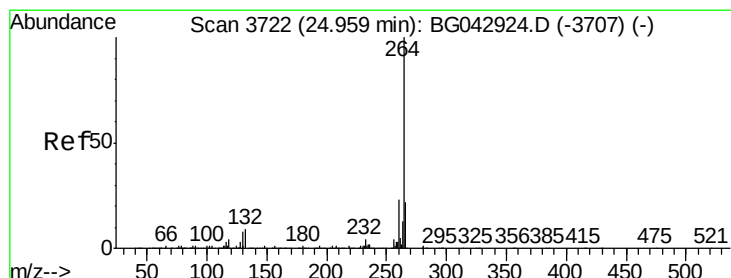
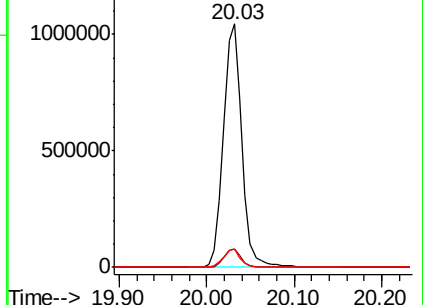
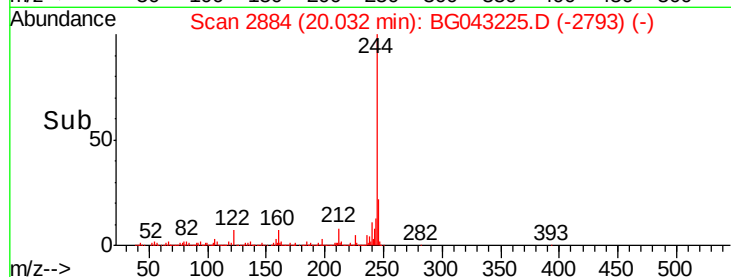
122 7.3 7.0 10.4



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: 24.92 min Scan# 3715

Delta R.T. 0.01 min

Lab File: BG043225.D

Acq: 15 Oct 2019 19:10

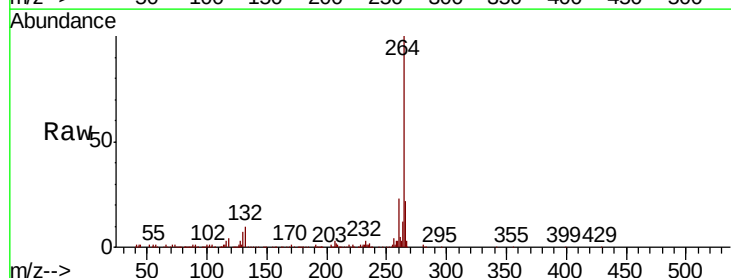
Tgt Ion:264 Resp: 395325

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.8 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

