

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043217.D
 Acq On : 15 Oct 2019 14:04
 Operator : JU
 Sample : K5348-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190879-COMPOSITE-K

Quant Time: Oct 15 15:50:12 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

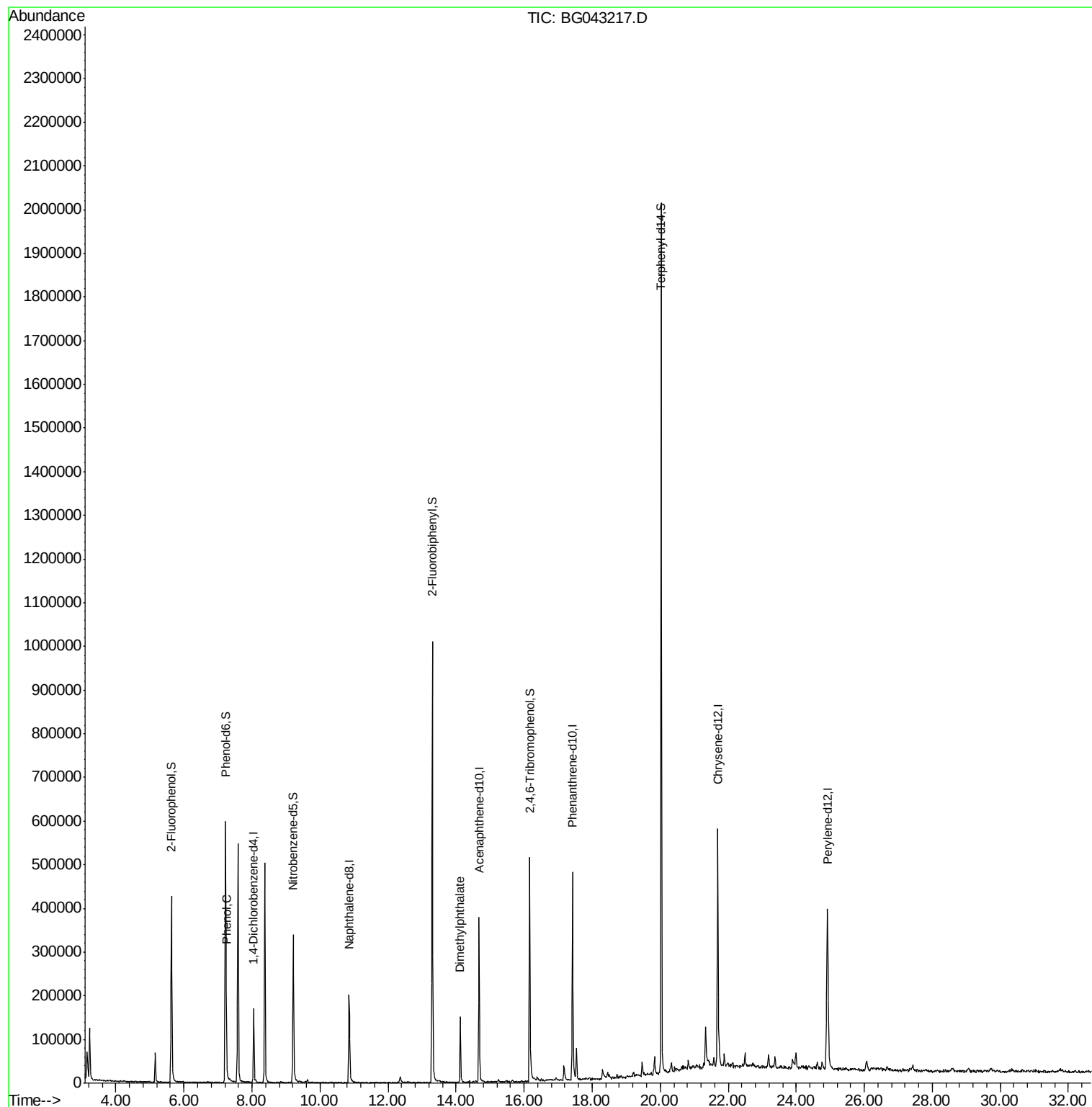
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53304	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	203464	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	148888	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	345691	20.00	ng	0.00
76) Chrysene-d12	21.70	240	375350	20.00	ng	0.00
87) Perylene-d12	24.92	264	438870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	202373	67.75	ng	0.00
7) Phenol-d6	7.22	99	368479	85.67	ng	0.00
23) Nitrobenzene-d5	9.21	82	243643	58.20	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	138908	54.26	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	600785	58.50	ng	0.00
79) Terphenyl-d14	20.03	244	1087704	61.75	ng	0.00
Target Compounds						
10) Phenol	7.25	94	37444	9.488	ng	96
50) Dimethylphthalate	14.12	163	108321	9.710	ng	# 98

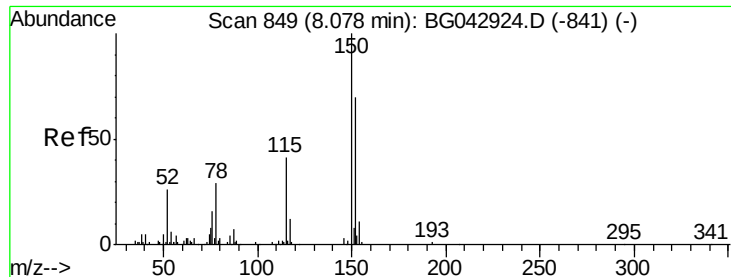
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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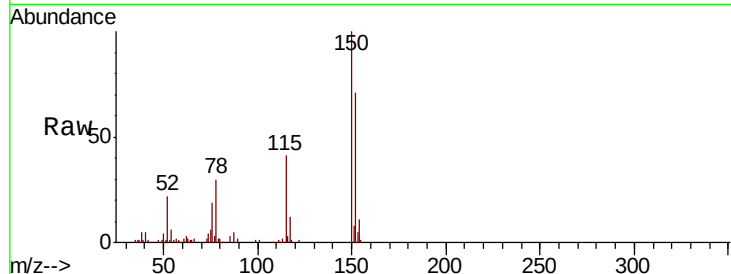


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-K

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.9	115.0	172.4
115	58.0	47.0	70.6

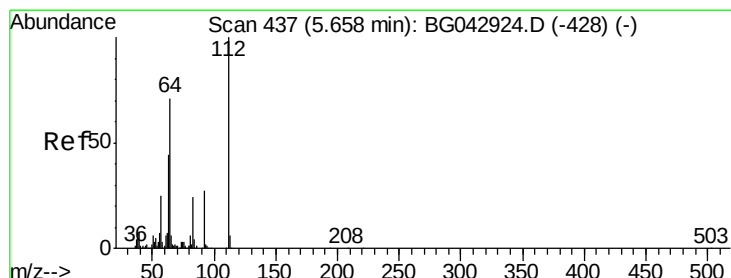
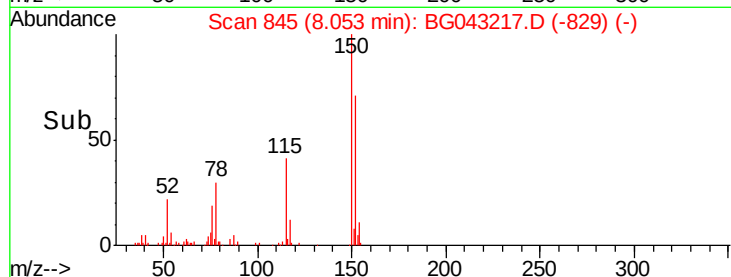
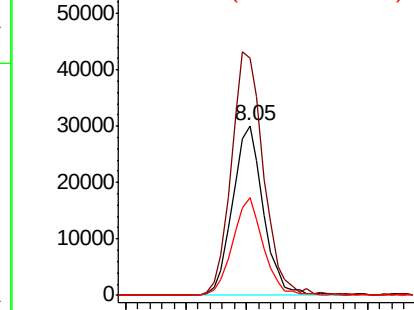


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

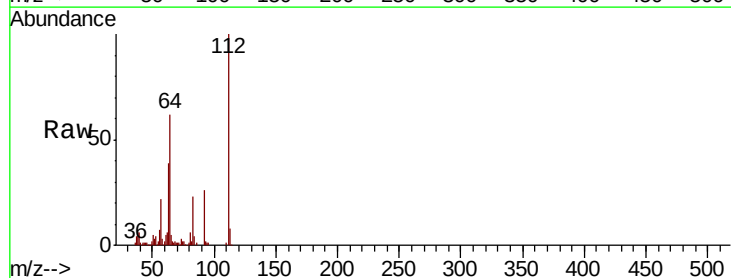
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 67.755 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.6	84.8
63	38.8	35.1	52.7

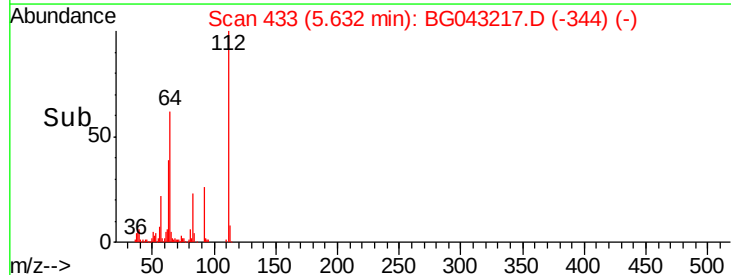
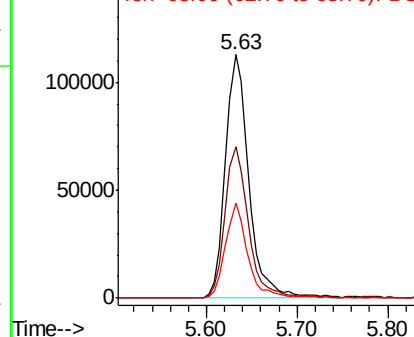


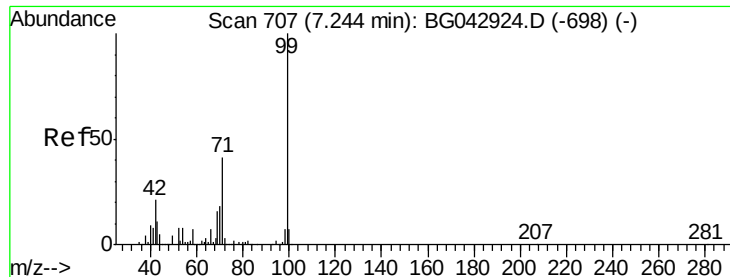
Abundance

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: 85.668 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043217.D

Acq: 15 Oct 2019 14:04

Instrument :

BNA_G

ClientSampleId :

20190879-COMPOSITE-K

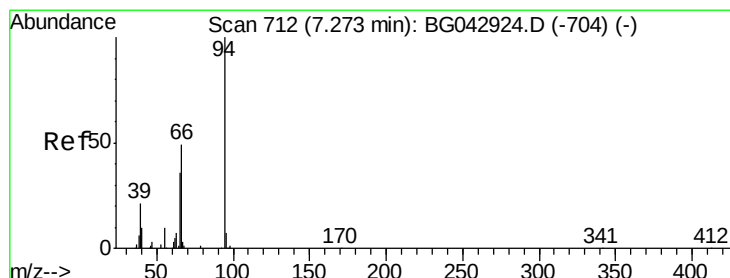
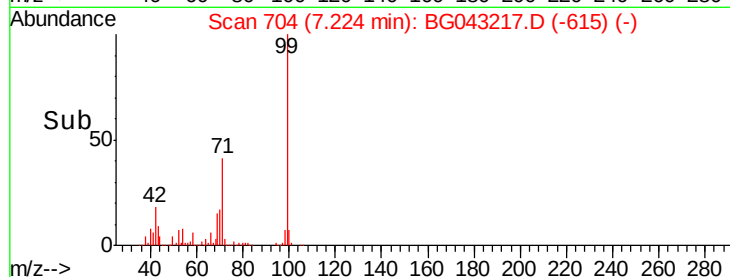
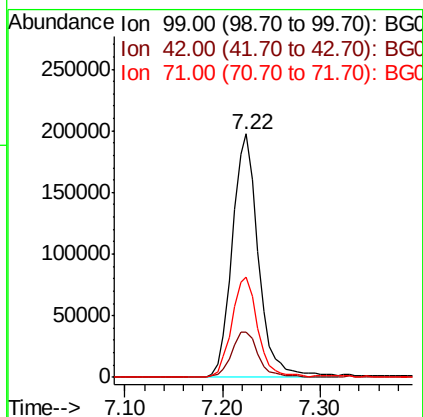
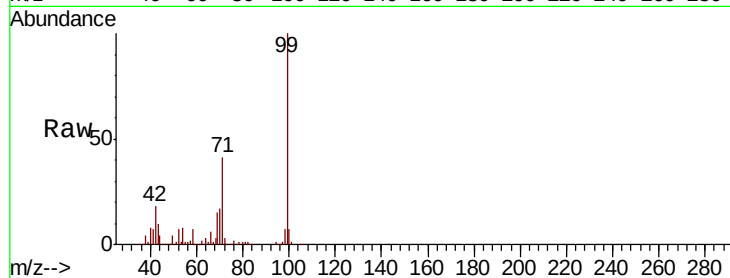
Tot Ion: 99 Resp: 368479

Ion Ratio Lower Upper

99 100

42 18.4 17.2 25.8

71 41.3 33.1 49.7



#10

Phenol

Concen: 9.488 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG043217.D

Acq: 15 Oct 2019 14:04

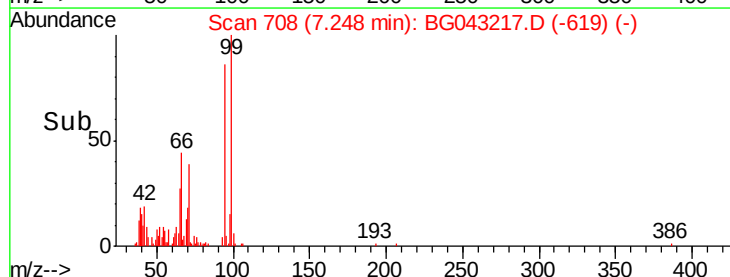
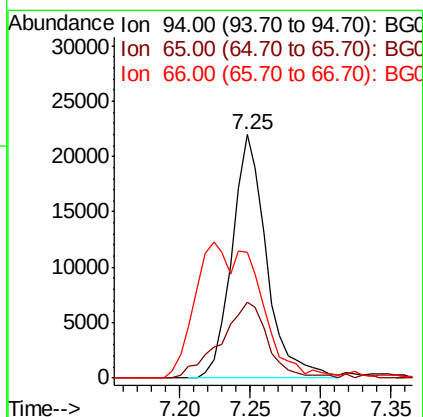
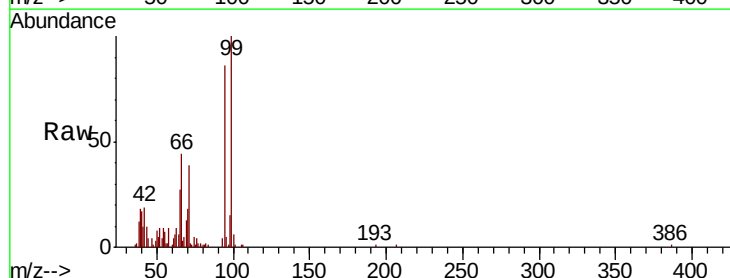
Tgt Ion: 94 Resp: 37444

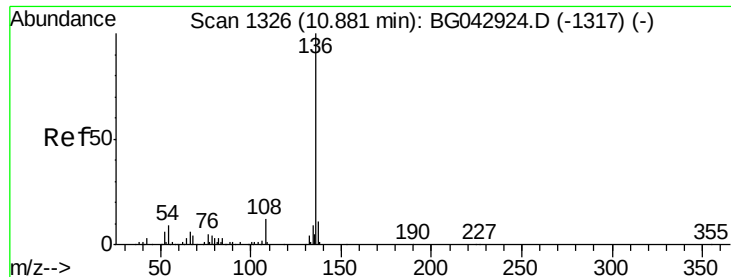
Ion Ratio Lower Upper

94 100

65 31.3 16.6 56.6

66 51.7 32.4 72.4

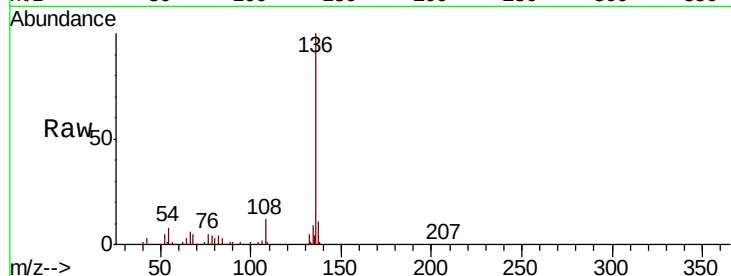




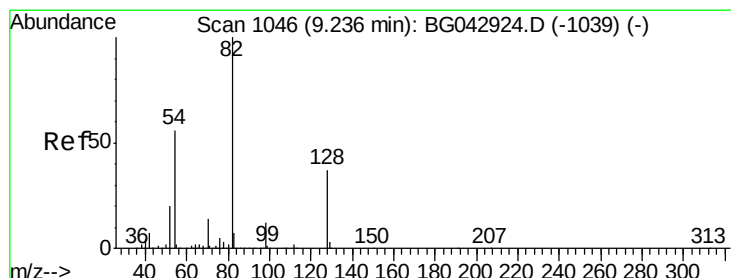
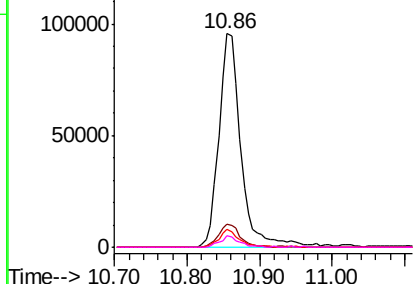
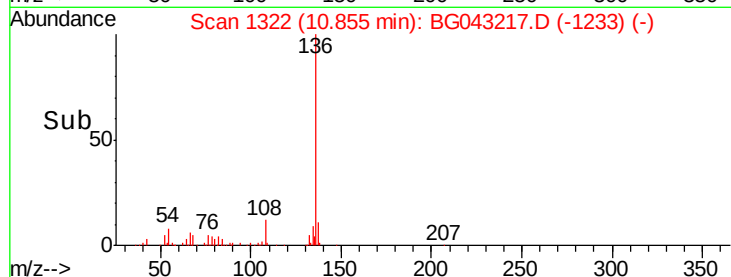
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-K

Tot Ion:136	Resp:	203464
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	8.3	7.4 11.2
68	5.2	3.6 5.4

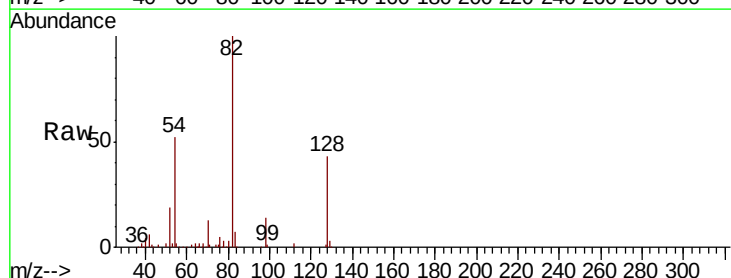


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

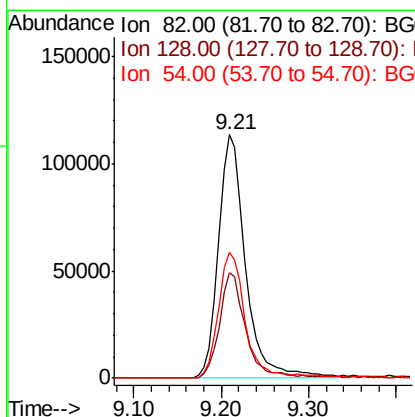
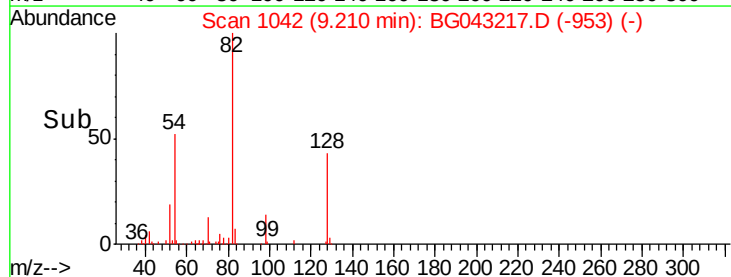


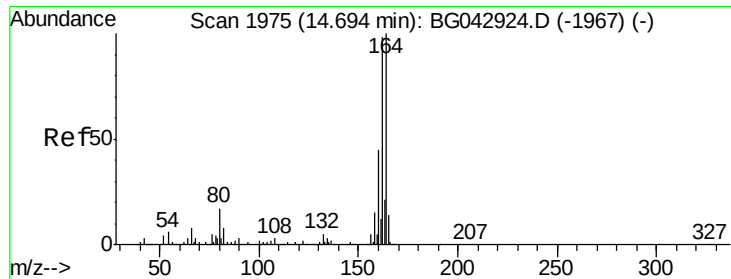
#23
Nitrobenzene-d5
Concen: 58.203 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

Tgt Ion: 82	Resp:	243643
Ion Ratio	Lower	Upper
82	100	
128	43.1	29.5 44.3
54	51.8	44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG043217.D

Acq: 15 Oct 2019 14:04

Instrument :

BNA_G

ClientSampleId :

20190879-COMPOSITE-K

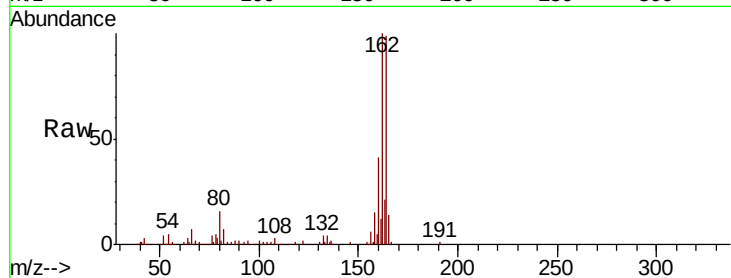
Tot Ion:164 Resp: 148888

Ion Ratio Lower Upper

164 100

162 101.0 78.5 117.7

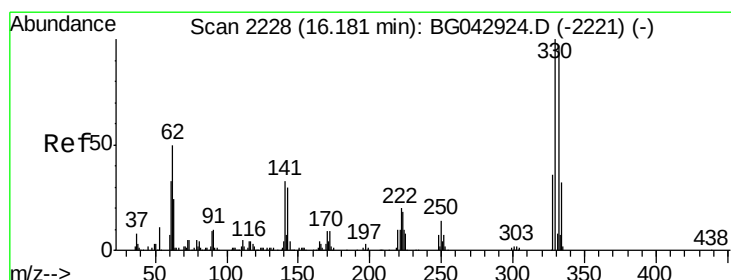
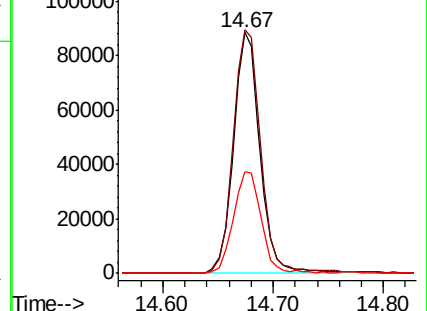
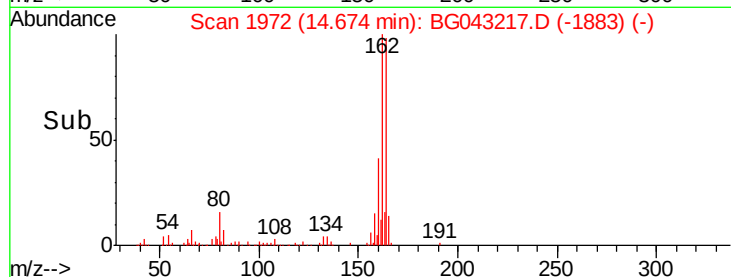
160 41.9 35.9 53.9



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: 54.256 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG043217.D

Acq: 15 Oct 2019 14:04

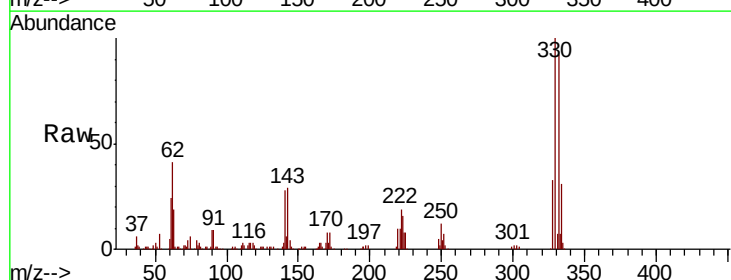
Tgt Ion:330 Resp: 138908

Ion Ratio Lower Upper

330 100

332 95.2 78.2 117.2

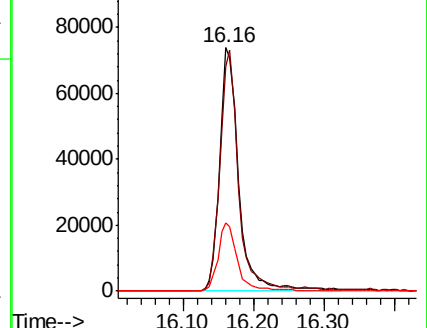
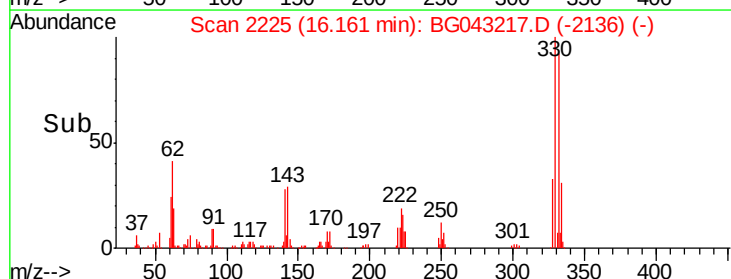
141 28.2 26.0 39.0

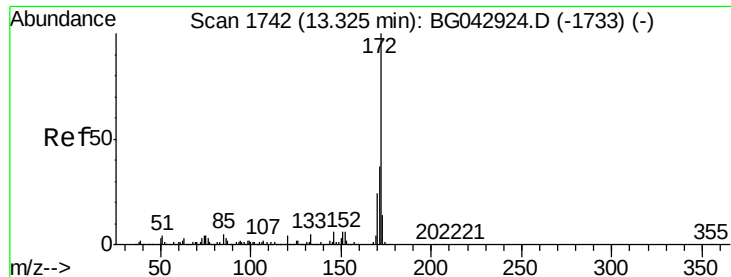


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

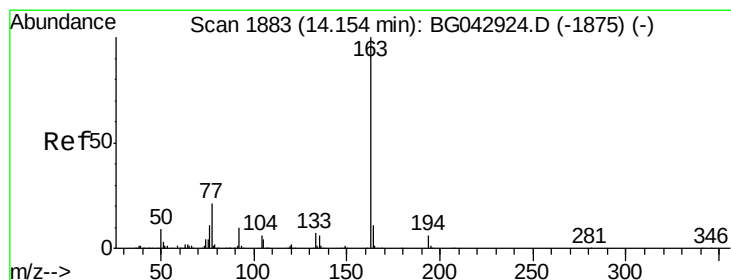
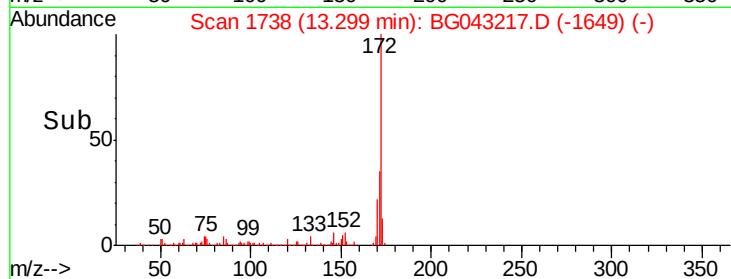
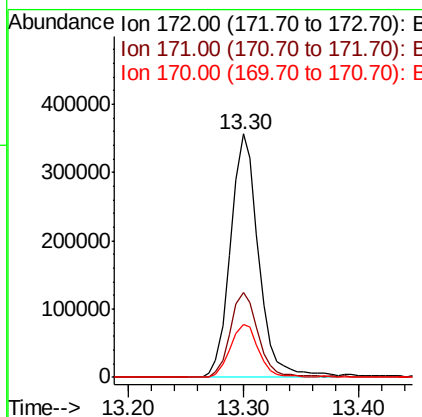
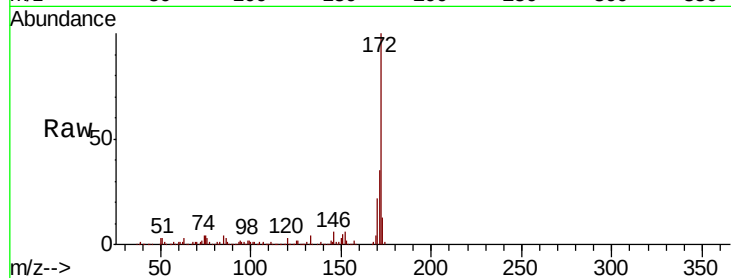




#45
2-Fluorobiphenyl
Concen: 58.497 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

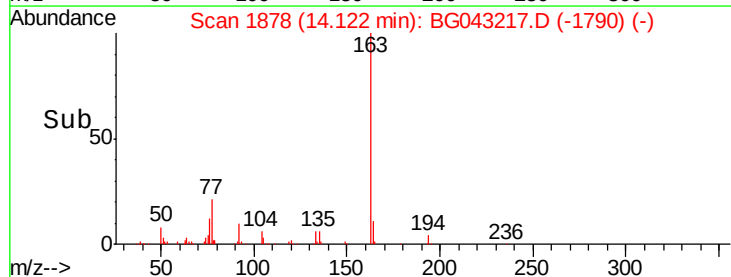
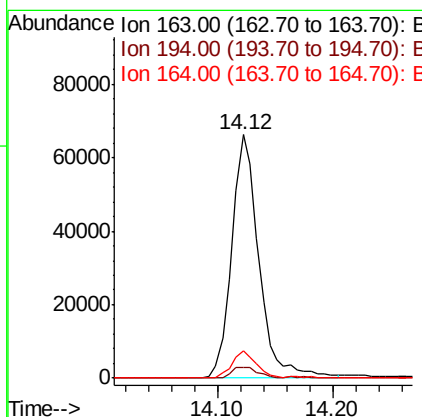
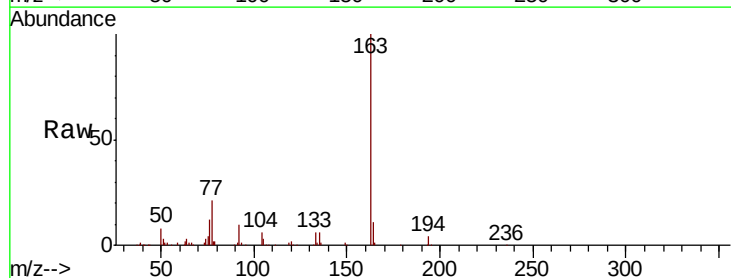
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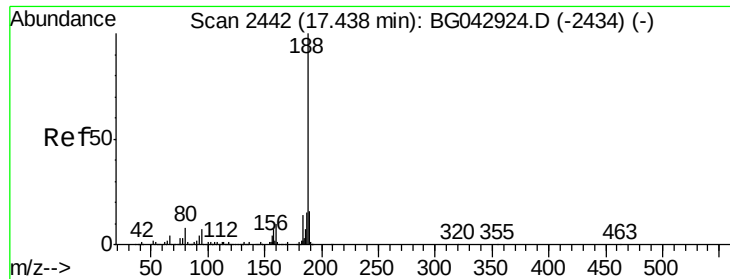
Tot Ion:	172	Resp:	600785
Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	22.0	19.6	29.4



#50
Dimethylphthalate
Concen: 9.710 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

Tgt Ion:	163	Resp:	108321
Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.4	6.6#
164	11.2	8.6	12.8

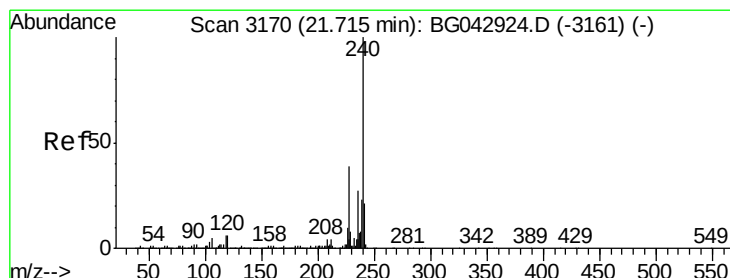
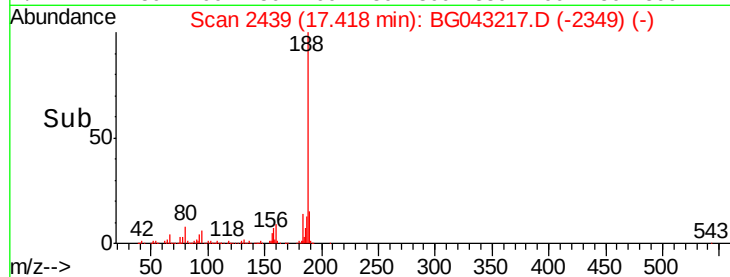
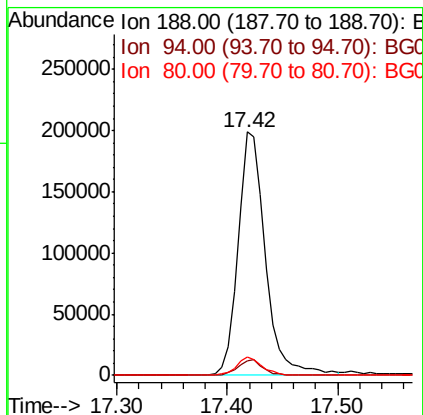
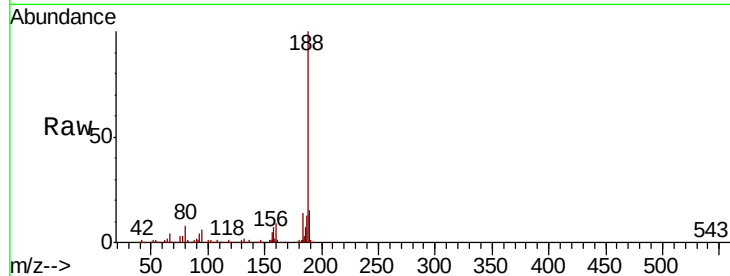




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

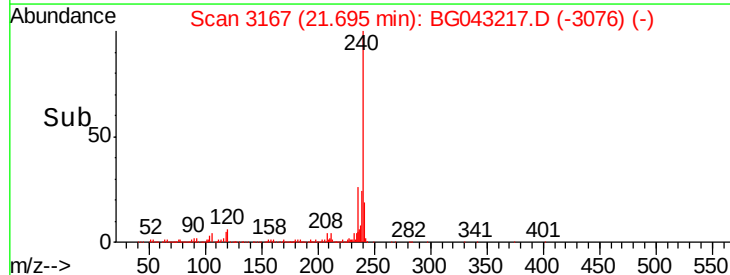
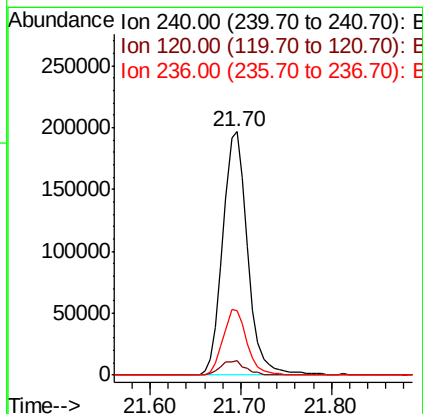
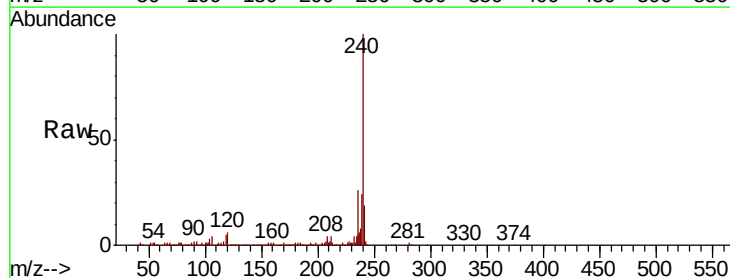
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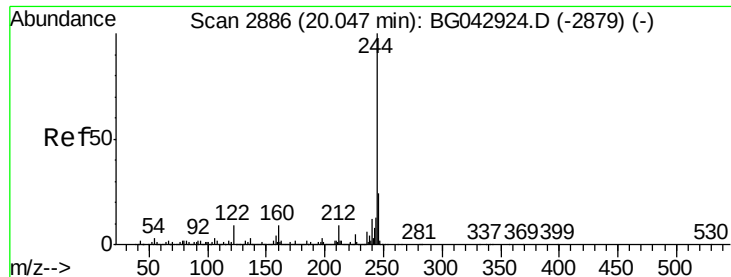
Tot Ion:188 Resp: 345691
Ion Ratio Lower Upper
188 100
94 5.8 5.7 8.5
80 7.8 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG043217.D
Acq: 15 Oct 2019 14:04

Tgt Ion:240 Resp: 375350
Ion Ratio Lower Upper
240 100
120 5.8 4.8 7.2
236 26.4 21.4 32.0





#79

Terphenyl-d14

Concen: 61.749 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG043217.D

Acq: 15 Oct 2019 14:04

Instrument :

BNA_G

ClientSampleId :

20190879-COMPOSITE-K

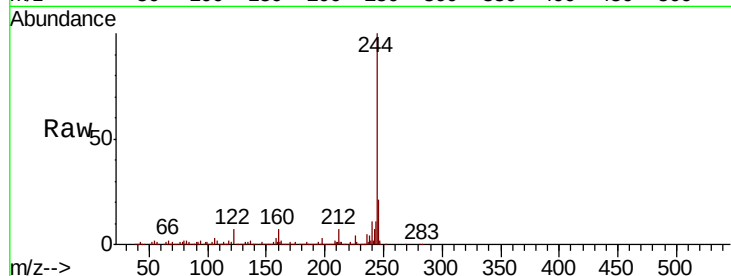
Tot Ion:244 Resp: 1087704

Ion Ratio Lower Upper

244 100

212 7.0 7.4 11.0#

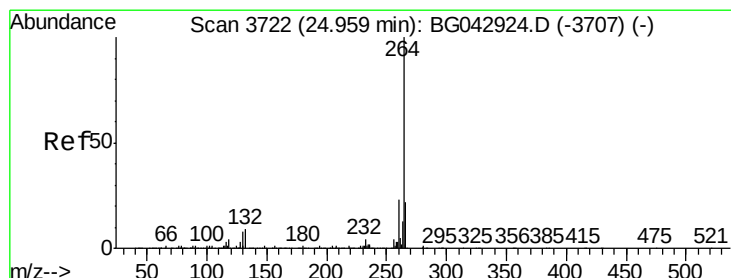
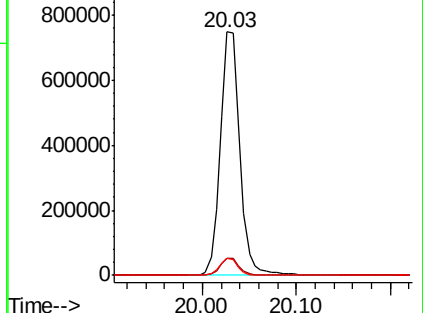
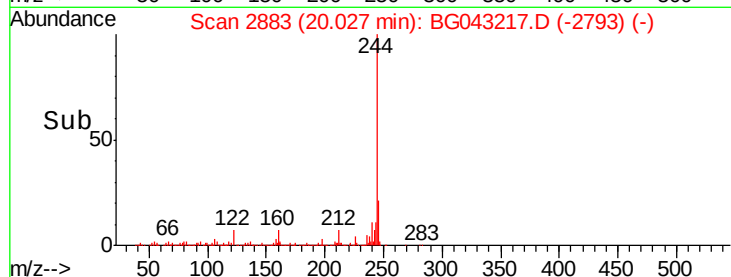
122 7.1 7.0 10.4



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: BG043217.D

Acq: 15 Oct 2019 14:04

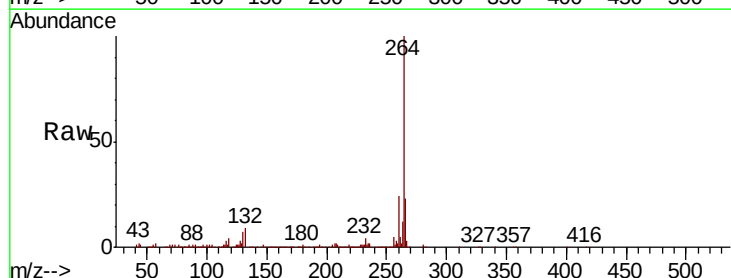
Tgt Ion:264 Resp: 438870

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.5 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

