

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
 Data File : BG043013.D
 Acq On : 3 Oct 2019 15:54
 Operator : JU
 Sample : K5168-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190769-SS-COMPOSITE-9

Quant Time: Oct 04 07:27:32 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

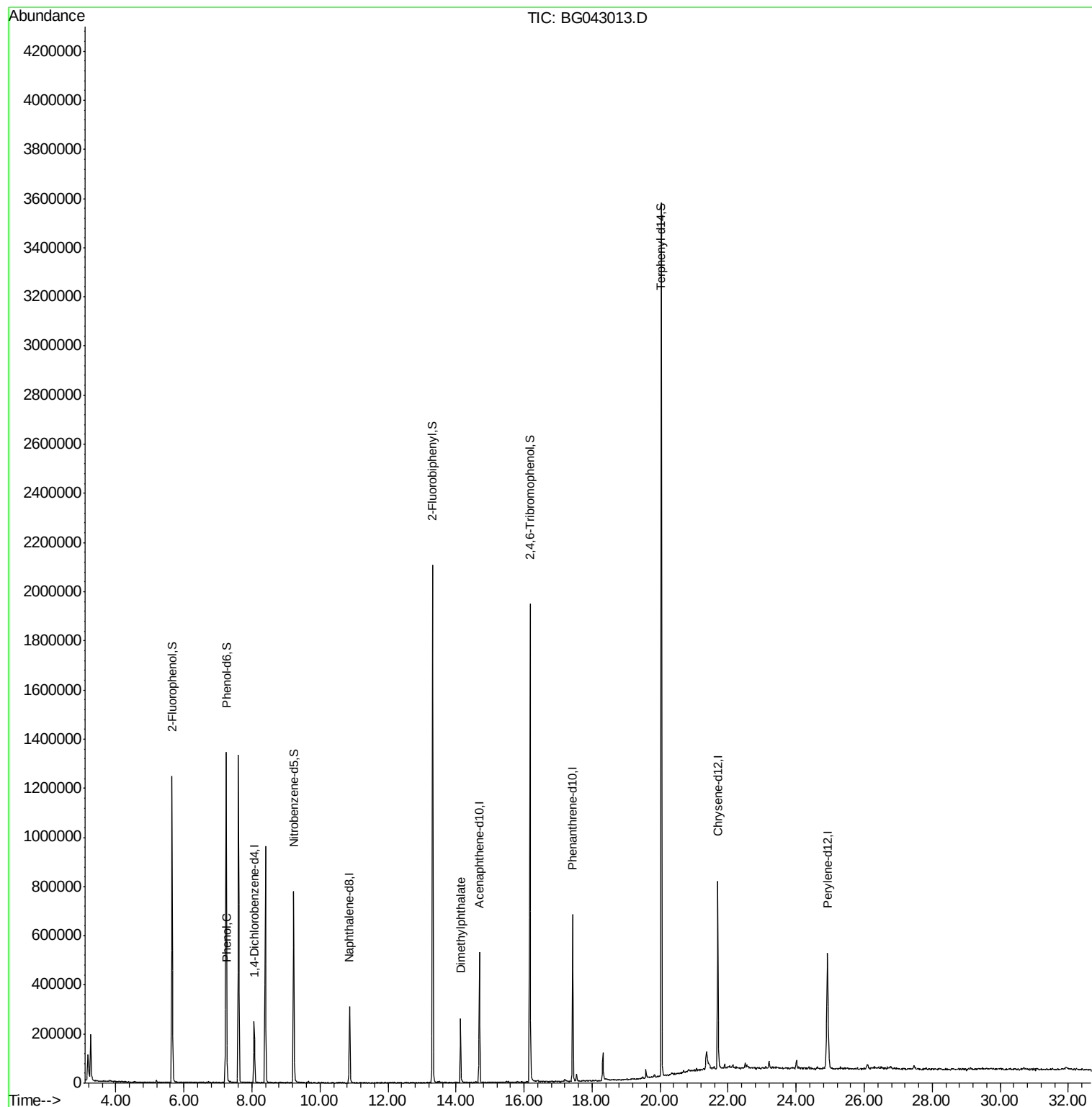
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	73166	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	275528	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	189629	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	437825	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	458966	20.00	ng	-0.02
87) Perylene-d12	24.92	264	538118	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	546102	133.20	ng	0.00
7) Phenol-d6	7.24	99	779614	132.05	ng	0.00
23) Nitrobenzene-d5	9.23	82	481461	84.93	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	430011	131.87	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1118359	85.50	ng	-0.01
79) Terphenyl-d14	20.03	244	1795751	83.37	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	29861	5.513	ng	95
50) Dimethylphthalate	14.13	163	177254	12.475	ng	# 97

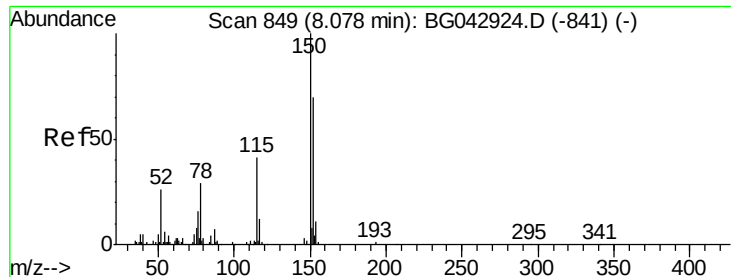
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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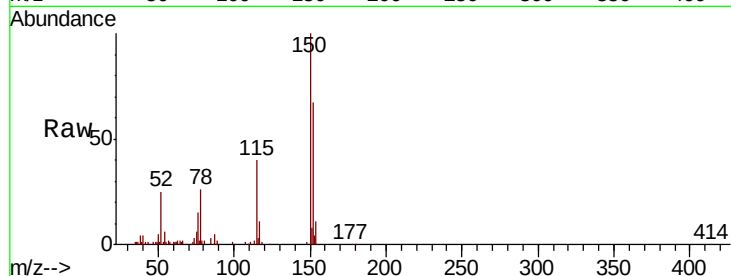


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	115.0	172.4
115	59.3	47.0	70.6

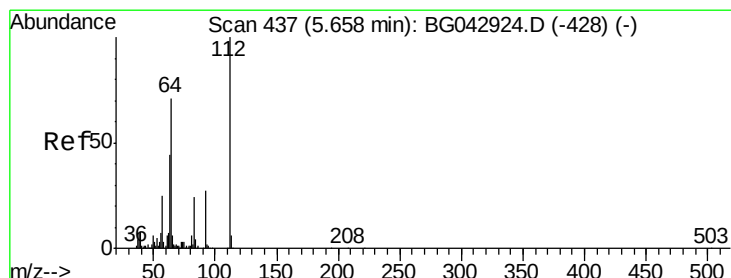
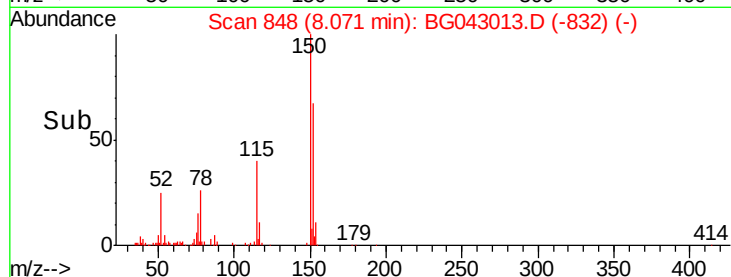
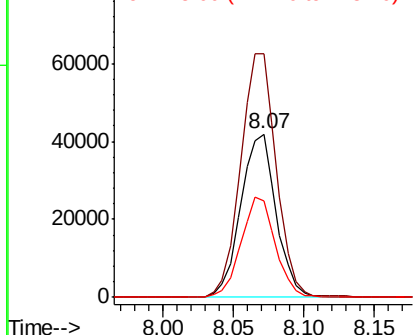


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

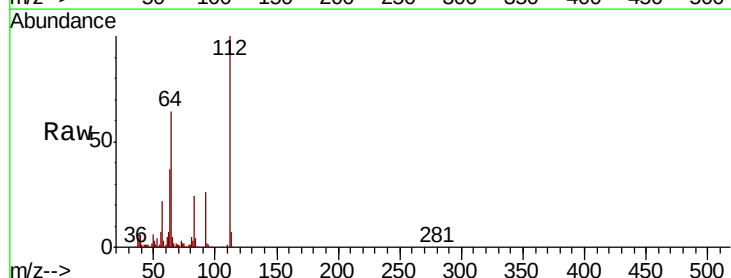
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.202 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.6	84.8
63	36.6	35.1	52.7

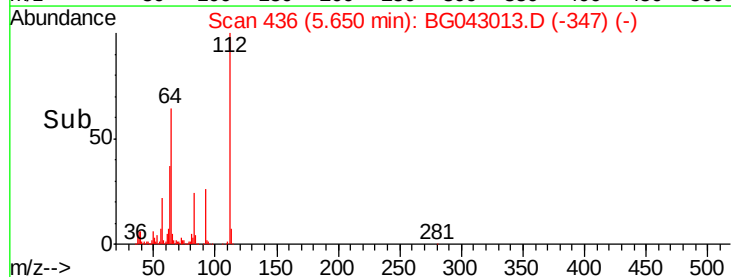
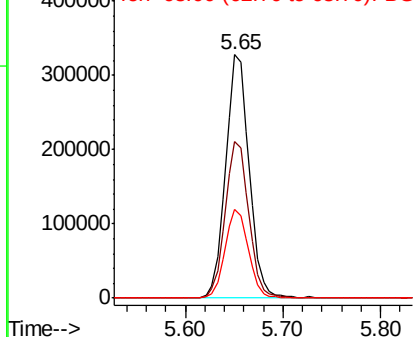


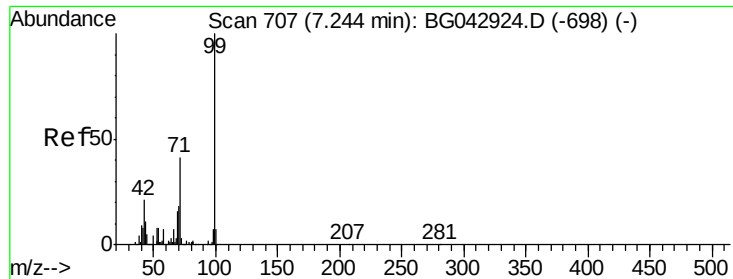
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.049 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043013.D

Acq: 3 Oct 2019 15:54

Instrument :

BNA_G

ClientSampleId :

20190769-SS-COMPOSITE-9

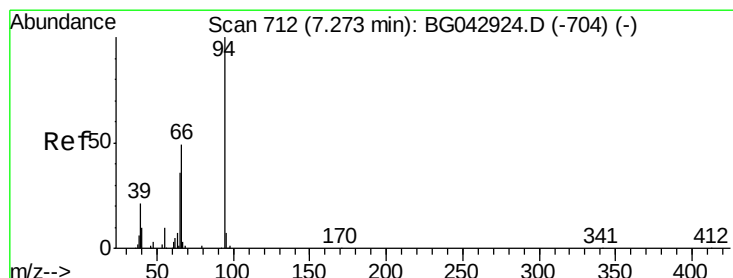
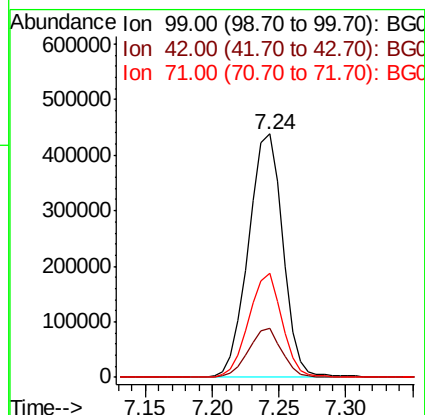
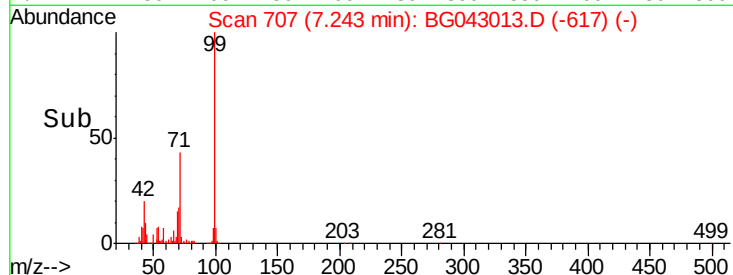
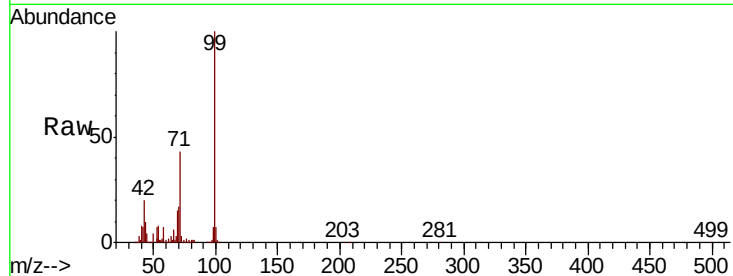
Tot Ion: 99 Resp: 779614

Ion Ratio Lower Upper

99 100

42 20.4 17.2 25.8

71 42.6 33.1 49.7



#10

Phenol

Concen: 5.513 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043013.D

Acq: 3 Oct 2019 15:54

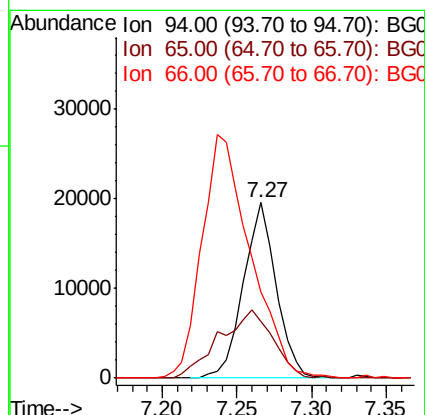
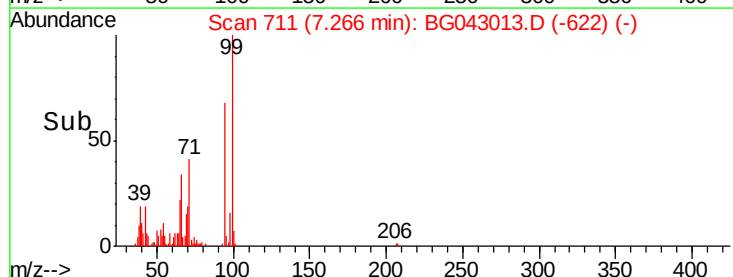
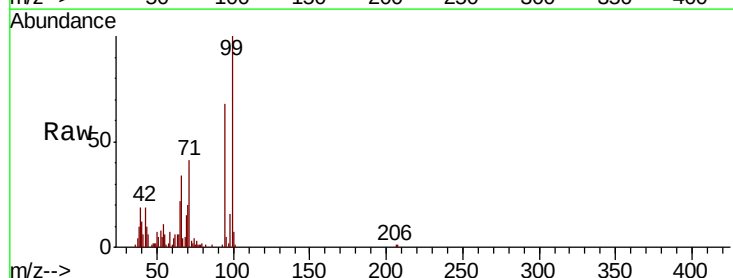
Tgt Ion: 94 Resp: 29861

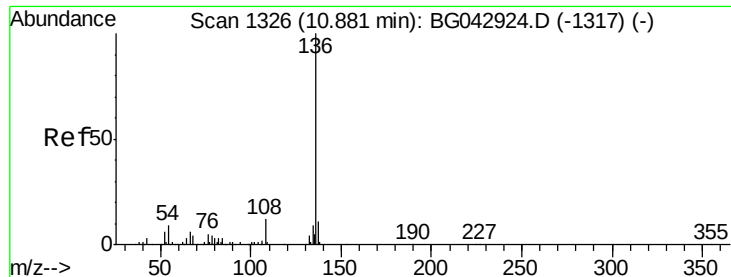
Ion Ratio Lower Upper

94 100

65 32.6 16.6 56.6

66 49.5 32.4 72.4

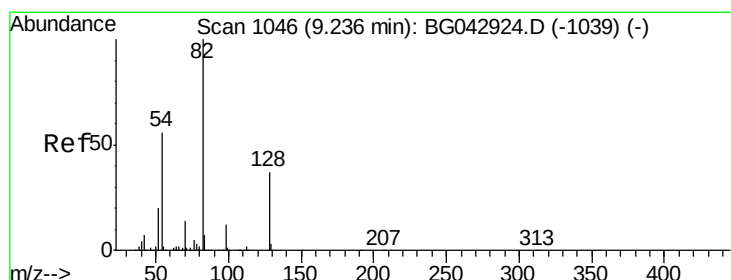
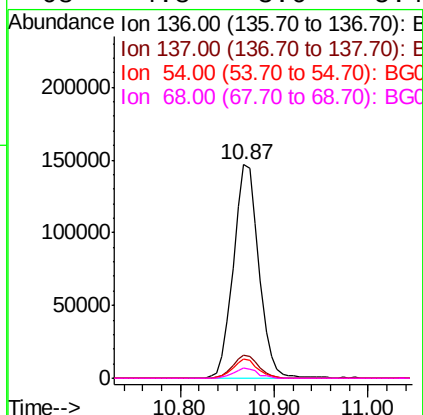
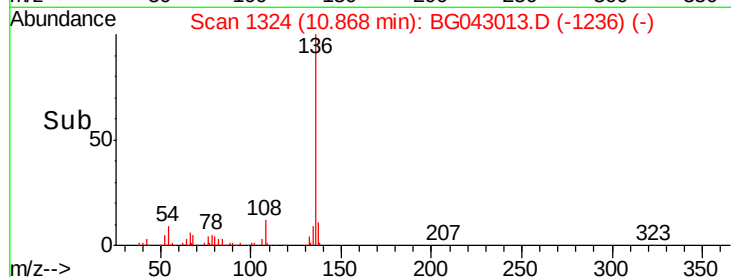
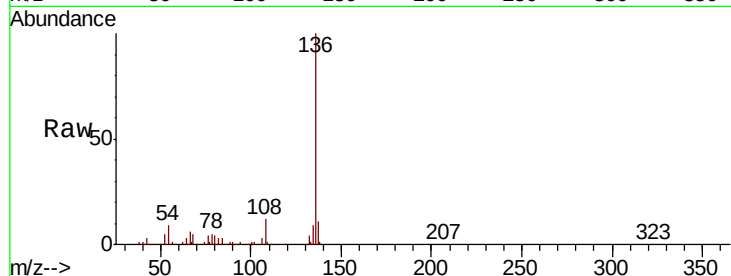




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

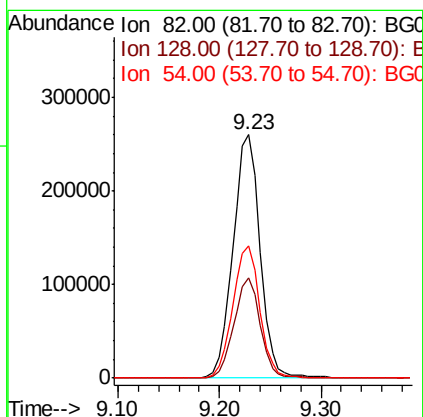
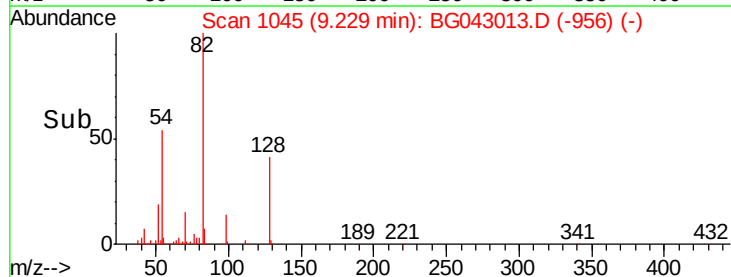
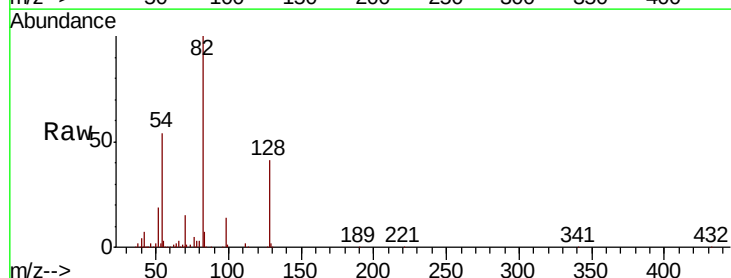
Instrument :
BNA_G
ClientSampleId :
20190769-SS-COMPOSITE-9

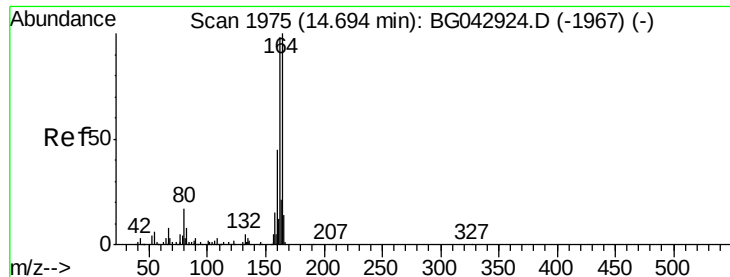
Tot Ion:136	Resp:	275528
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.5	12.7
54 9.0	7.4	11.2
68 4.8	3.6	5.4



#23
Nitrobenzene-d5
Concen: 84.933 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion: 82	Resp: 481461
Ion Ratio	Lower Upper
82 100	
128 41.3	29.5 44.3
54 54.1	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: BG043013.D

Acq: 3 Oct 2019 15:54

Instrument :

BNA_G

ClientSampleId :

20190769-SS-COMPOSITE-9

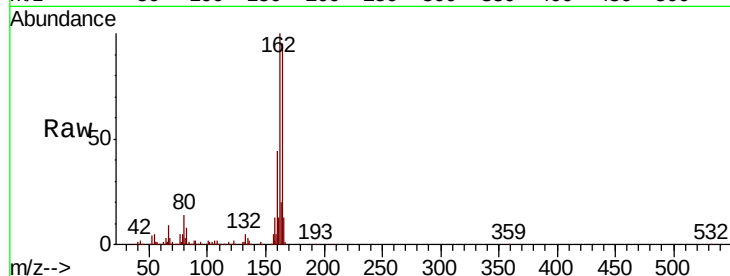
Tot Ion:164 Resp: 189629

Ion Ratio Lower Upper

164 100

162 105.5 78.5 117.7

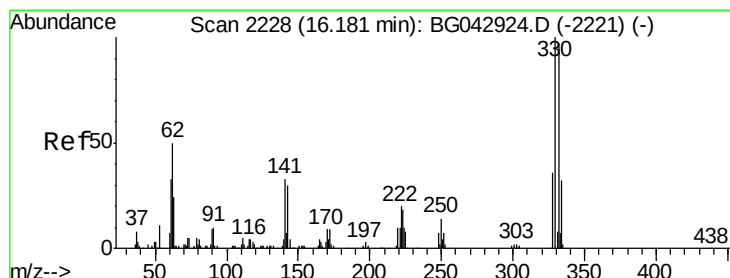
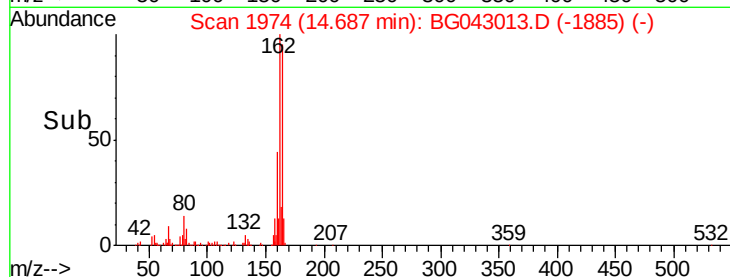
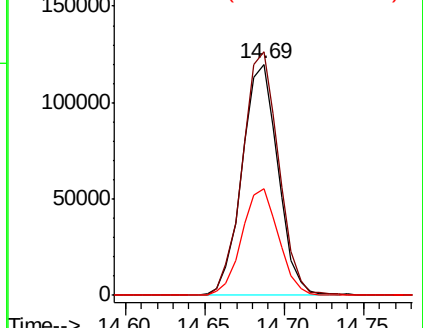
160 46.0 35.9 53.9



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: 131.873 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043013.D

Acq: 3 Oct 2019 15:54

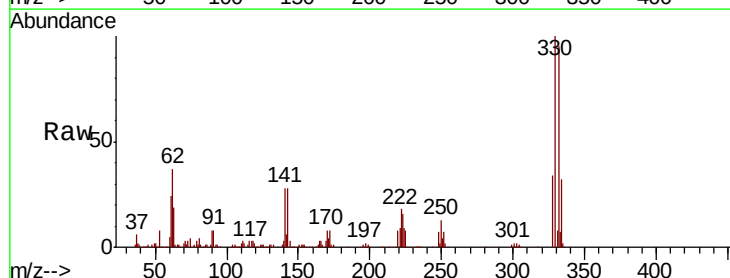
Tgt Ion:330 Resp: 430011

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.2

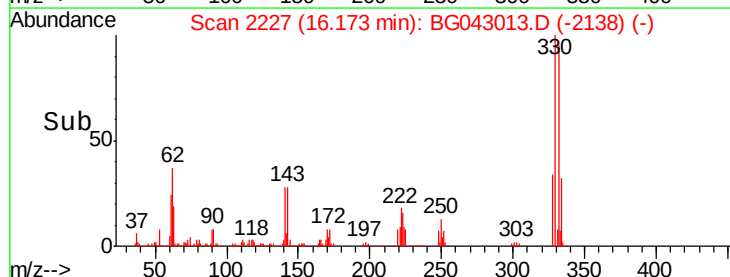
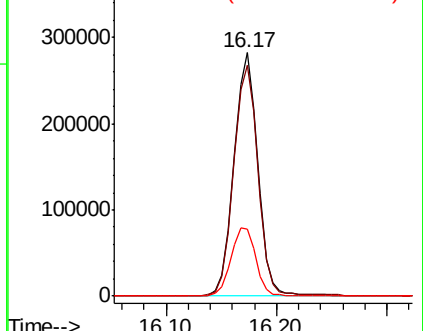
141 29.5 26.0 39.0

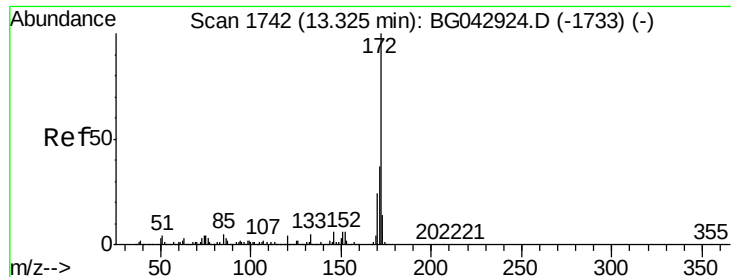


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

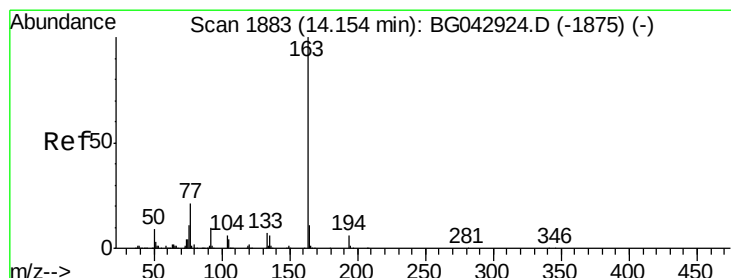
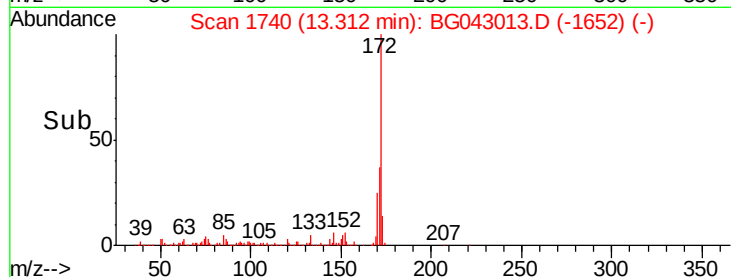
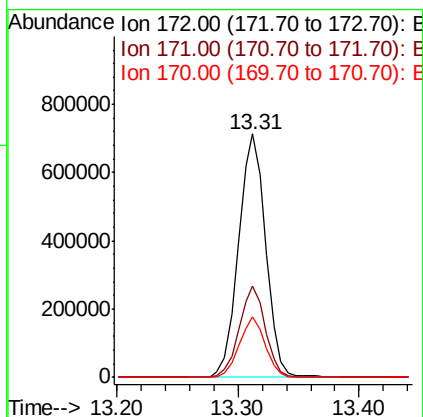
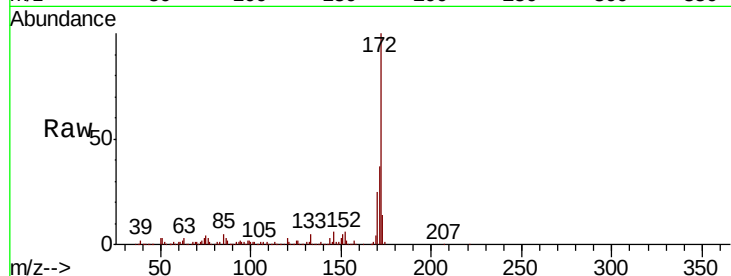




#45
2-Fluorobiphenyl
Concen: 85.498 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

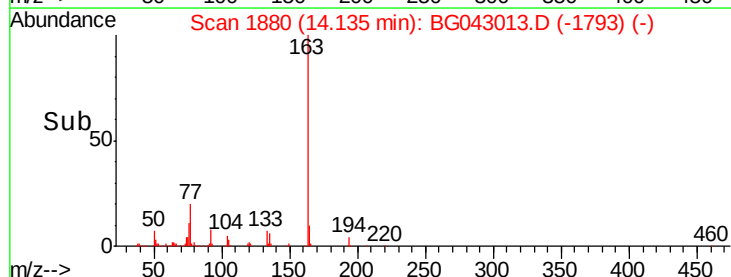
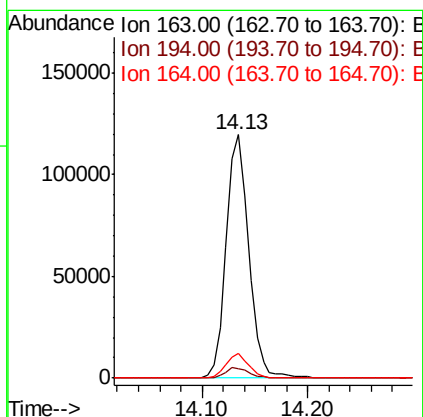
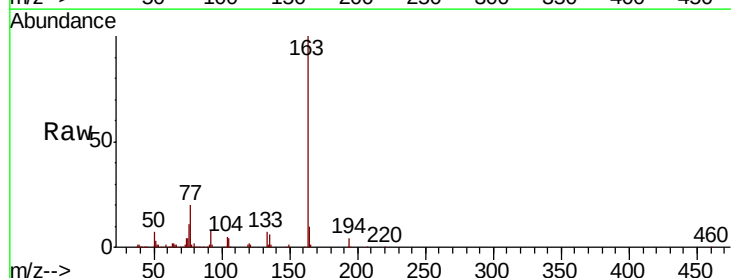
Instrument :
BNA_G
ClientSampleId :
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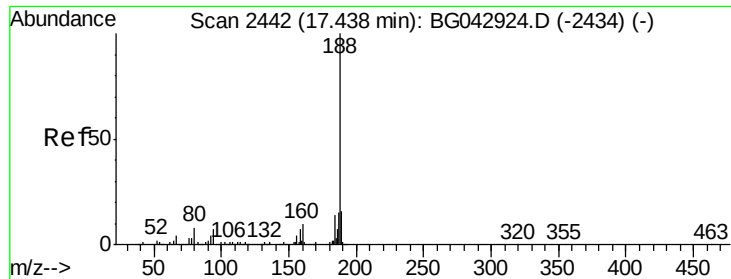
Tot Ion:172 Resp: 1118359
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.6 19.6 29.4



#50
Dimethylphthalate
Concen: 12.475 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion:163 Resp: 177254
Ion Ratio Lower Upper
163 100
194 3.8 4.4 6.6#
164 10.0 8.6 12.8

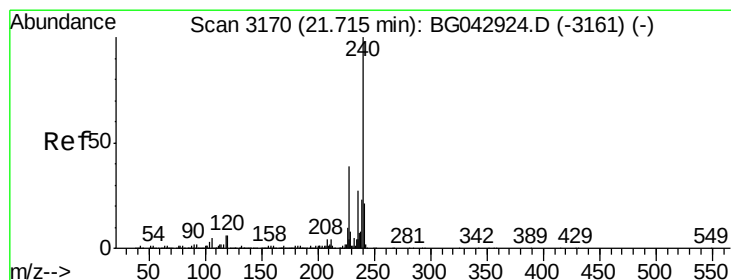
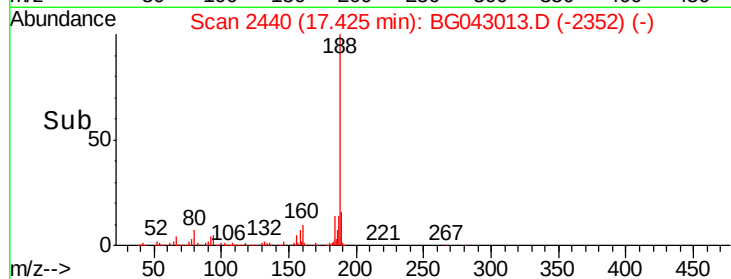
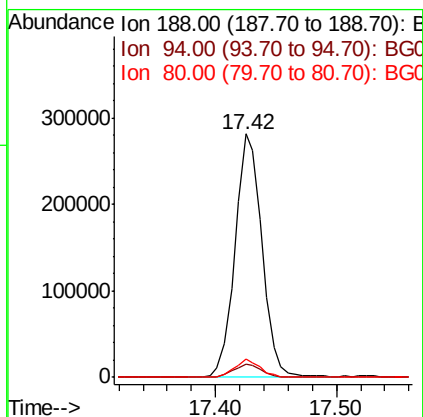
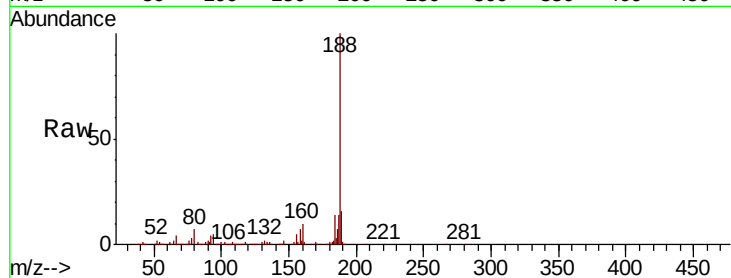




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

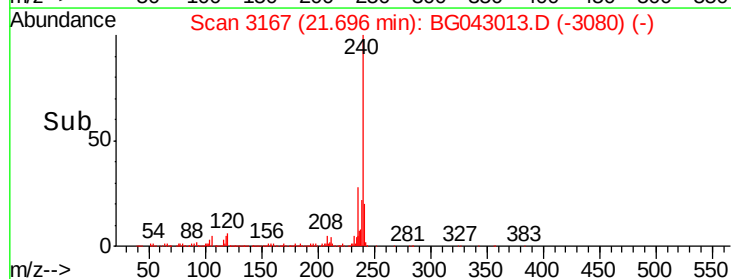
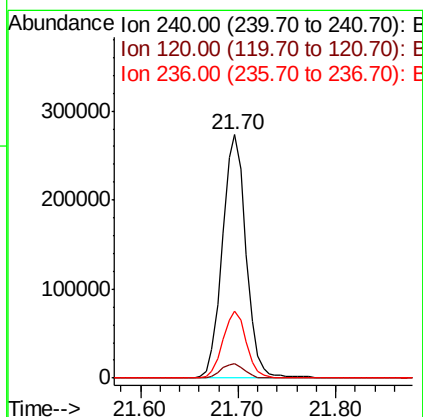
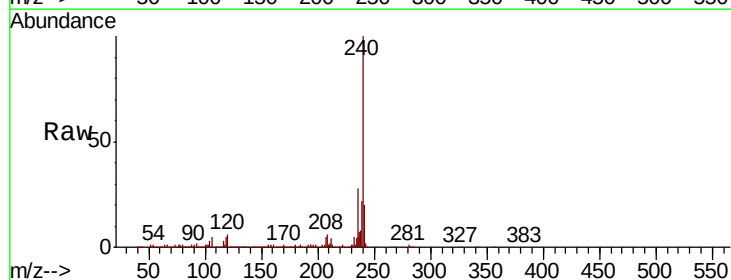
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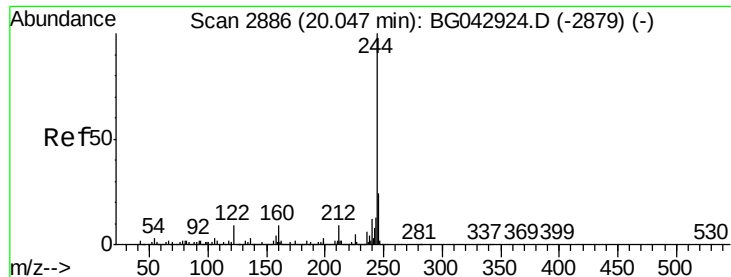
Tot Ion:188 Resp: 437825
Ion Ratio Lower Upper
188 100
94 5.3 5.7 8.5#
80 7.4 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG043013.D
Acq: 3 Oct 2019 15:54

Tgt Ion:240 Resp: 458966
Ion Ratio Lower Upper
240 100
120 5.9 4.8 7.2
236 27.6 21.4 32.0





#79

Terphenyl-d14

Concen: 83.373 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043013.D

Acq: 3 Oct 2019 15:54

Instrument :

BNA_G

ClientSampleId :

20190769-SS-COMPOSITE-9

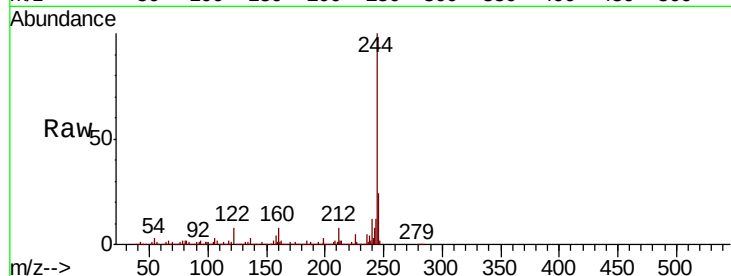
Tot Ion:244 Resp: 1795751

Ion Ratio Lower Upper

244 100

212 8.0 7.4 11.0

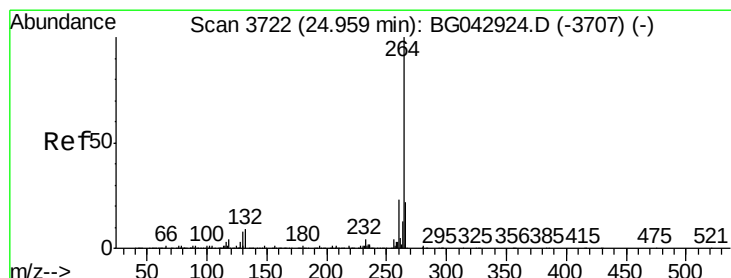
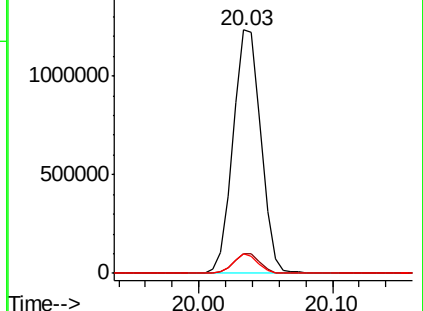
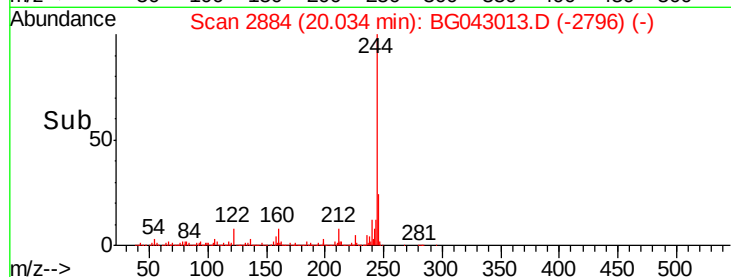
122 7.9 7.0 10.4



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# 3716

Delta R.T. -0.04 min

Lab File: BG043013.D

Acq: 3 Oct 2019 15:54

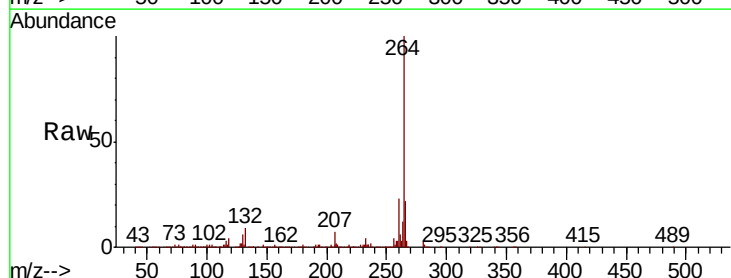
Tgt Ion:264 Resp: 538118

Ion Ratio Lower Upper

264 100

260 23.3 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

