

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044204.D
 Acq On : 25 Jan 2020 6:23
 Operator : CG/JU
 Sample : L1242-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200059-COMP-5

Quant Time: Jan 27 04:41:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

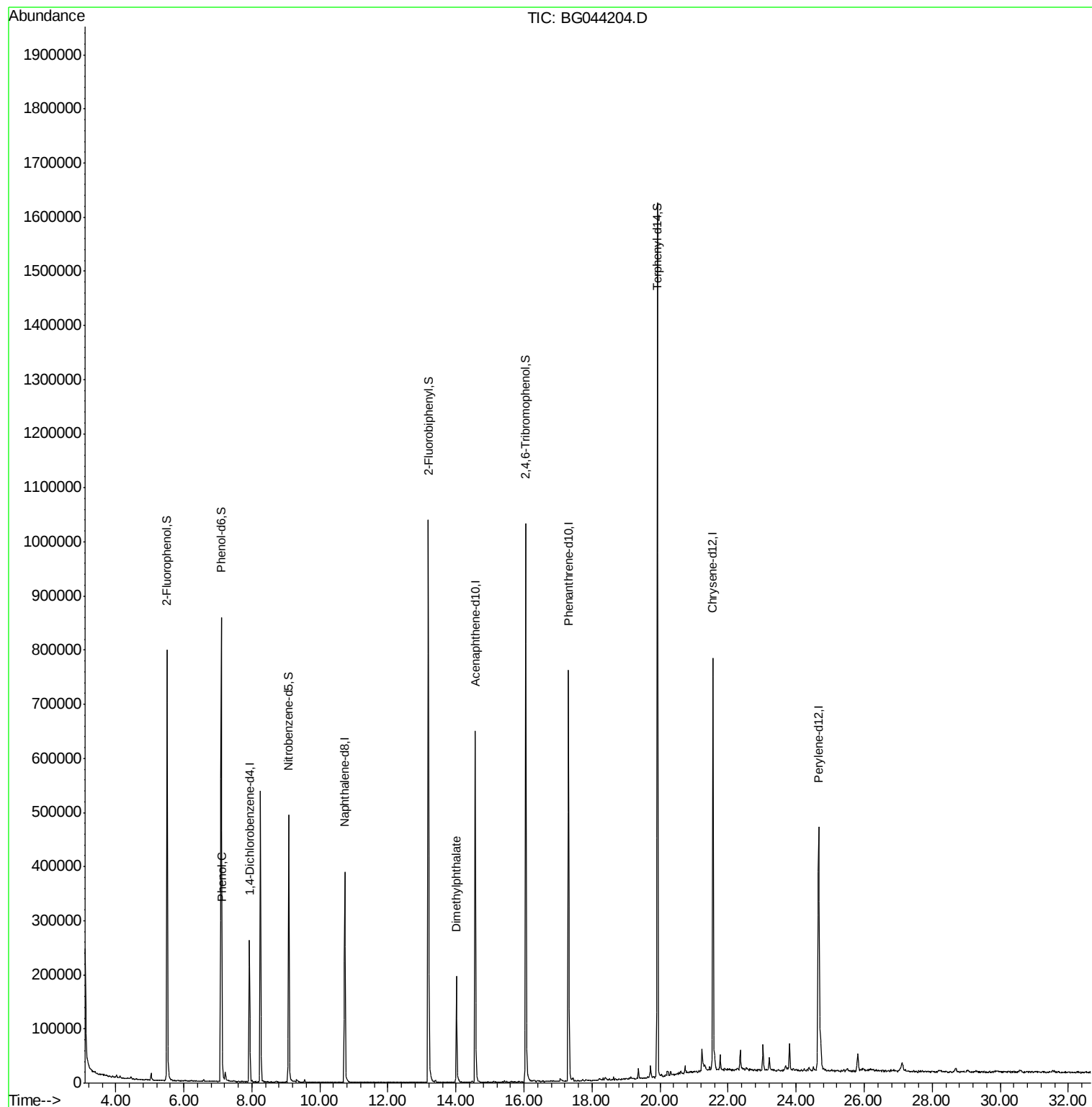
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	81648	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	363218	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	245208	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	501438	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	440933	20.00	ng	-0.04
87) Perylene-d12	24.66	264	479416	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	400814	90.14	ng	-0.03
7) Phenol-d6	7.10	99	548953	88.32	ng	-0.03
23) Nitrobenzene-d5	9.08	82	318783	46.95	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	205010	79.89	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	626308	46.28	ng	-0.04
79) Terphenyl-d14	19.92	244	814474	36.25	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	25759	4.022	ng	86
50) Dimethylphthalate	14.01	163	152604	8.765	ng	96

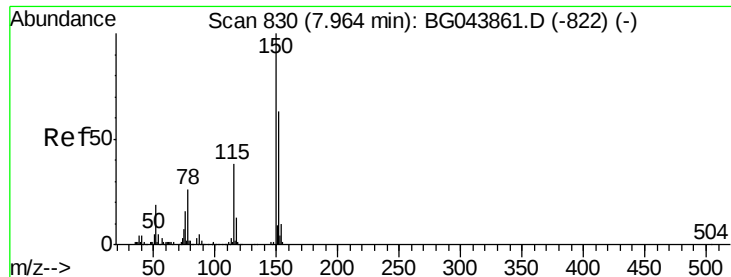
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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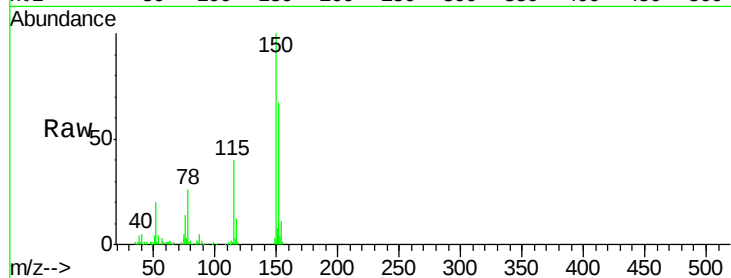


#1

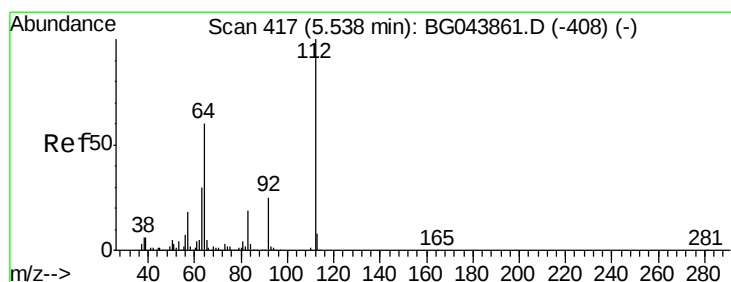
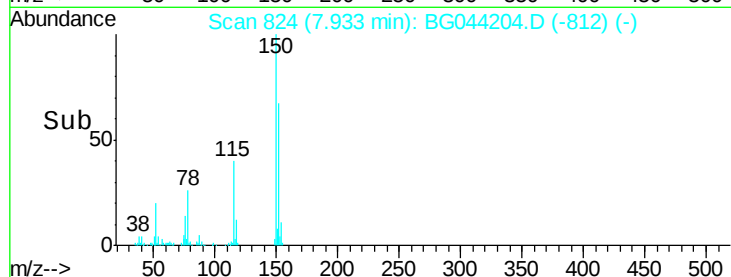
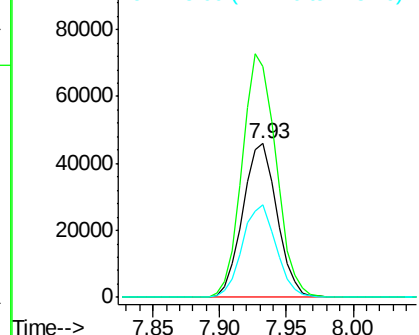
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044204.D
Acq: 25 Jan 2020 6:23

Instrument :
BNA_G
ClientSampleId :
20200059-COMP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	127.0	190.4
115	59.8	47.8	71.8



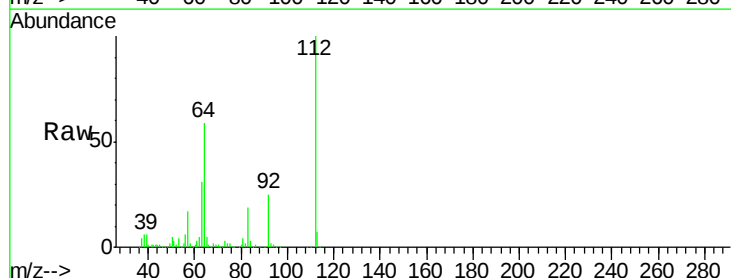
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



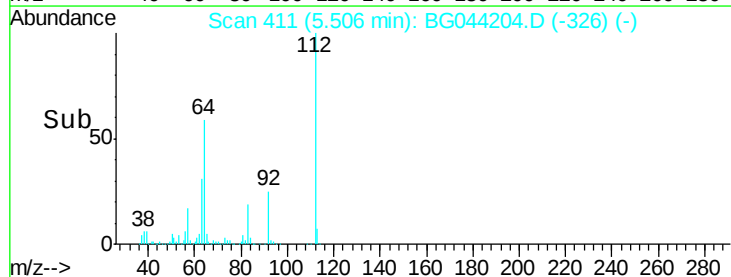
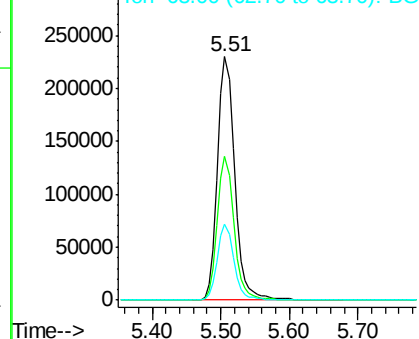
#5

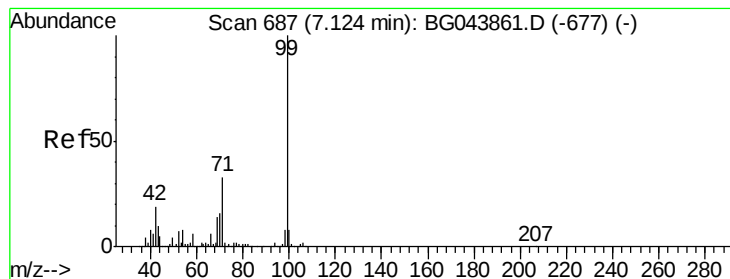
2-Fluorophenol
Concen: 90.136 ng
RT: 5.51 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044204.D
Acq: 25 Jan 2020 6:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.8	71.6
63	31.3	24.3	36.5



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: 88.316 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044204.D

Acq: 25 Jan 2020 6:23

Instrument :

BNA_G

ClientSampleId :

20200059-COMP-5

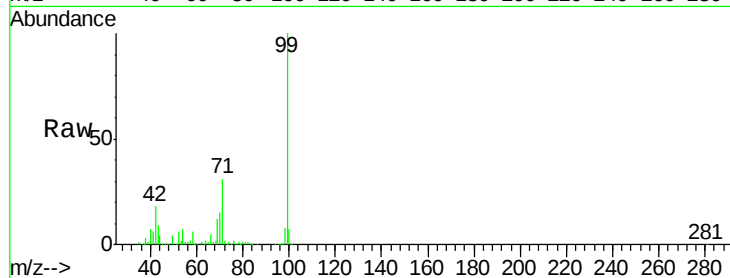
Tot Ion: 99 Resp: 548953

Ion Ratio Lower Upper

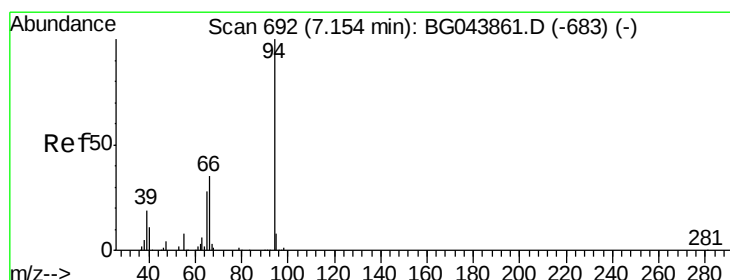
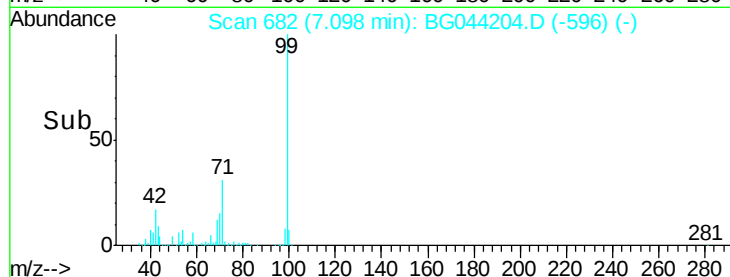
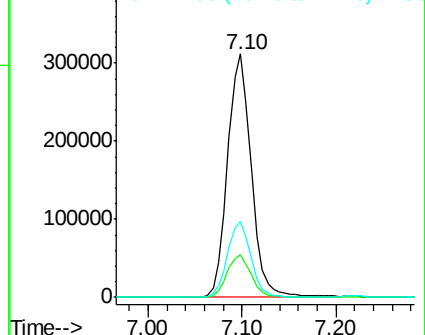
99 100

42 17.6 14.9 22.3

71 31.4 26.4 39.6



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: 4.022 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.03 min

Lab File: BG044204.D

Acq: 25 Jan 2020 6:23

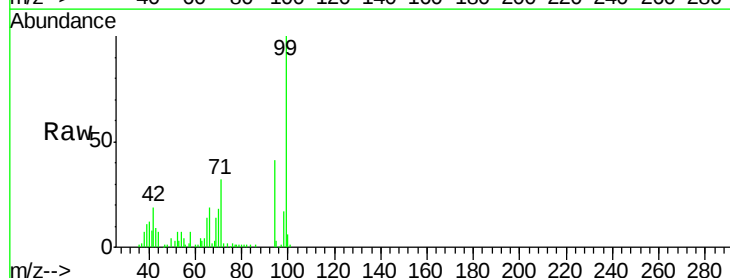
Tgt Ion: 94 Resp: 25759

Ion Ratio Lower Upper

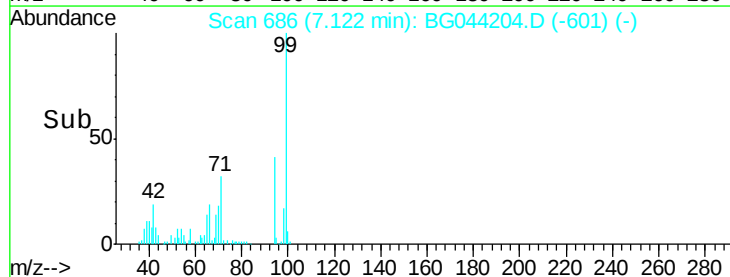
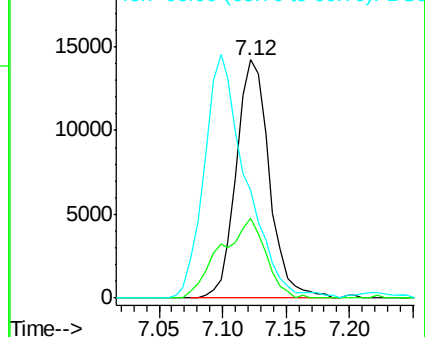
94 100

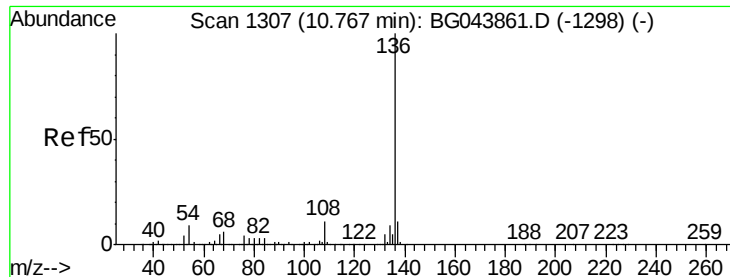
65 33.7 8.1 48.1

66 45.1 15.6 55.6



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

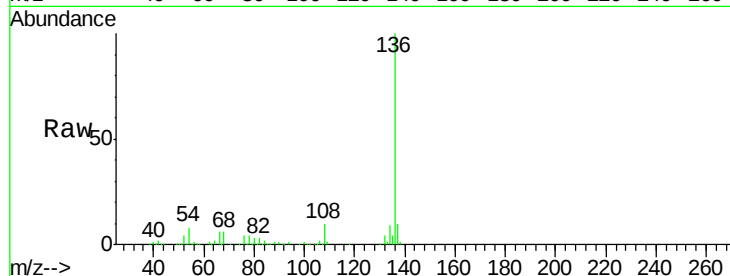




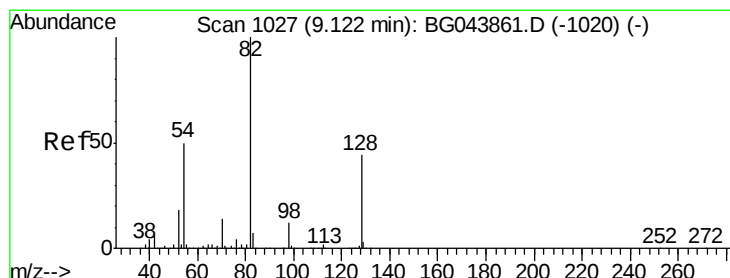
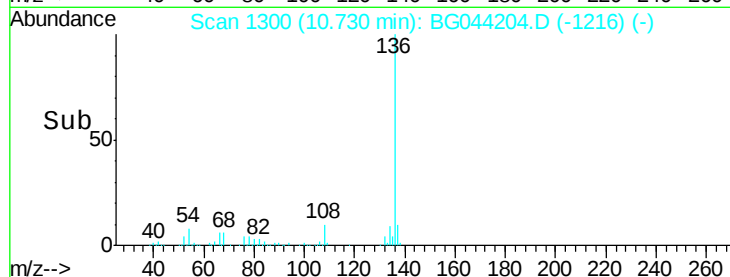
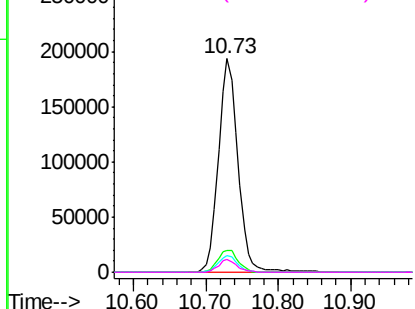
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044204.D
Acq: 25 Jan 2020 6:23

Instrument :
BNA_G
ClientSampleId :
20200059-COMP-5

Tot Ion:136	Resp:	363218
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.8	13.2
54 7.8	7.0	10.4
68 5.9	4.9	7.3

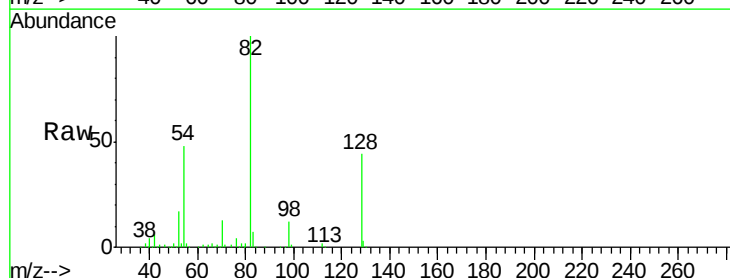


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

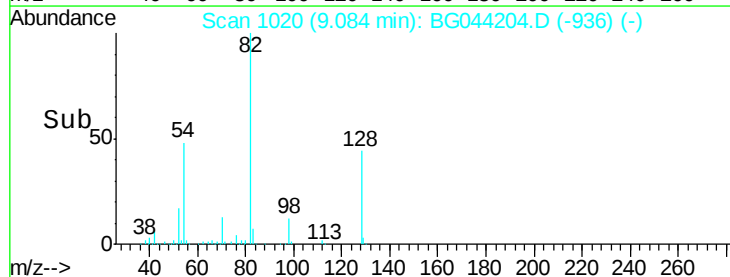
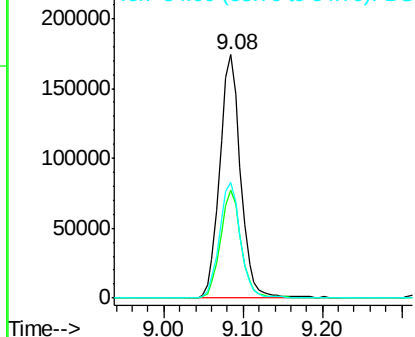


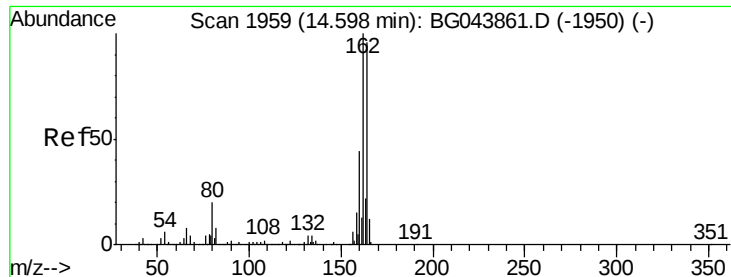
#23
Nitrobenzene-d5
Concen: 46.951 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044204.D
Acq: 25 Jan 2020 6:23

Tgt Ion: 82	Resp: 318783
Ion Ratio	Lower Upper
82 100	
128 44.5	35.1 52.7
54 47.7	40.1 60.1



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: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044204.D

Acq: 25 Jan 2020 6:23

Instrument :

BNA_G

ClientSampleId :

20200059-COMP-5

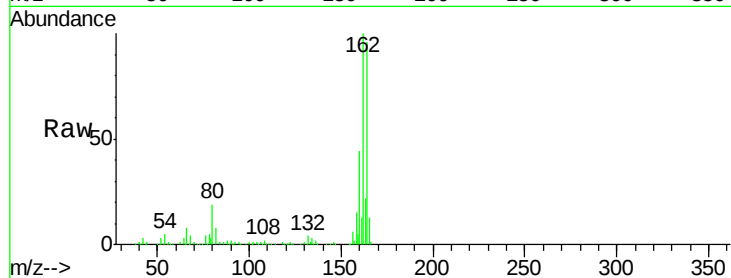
Tot Ion:164 Resp: 245208

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

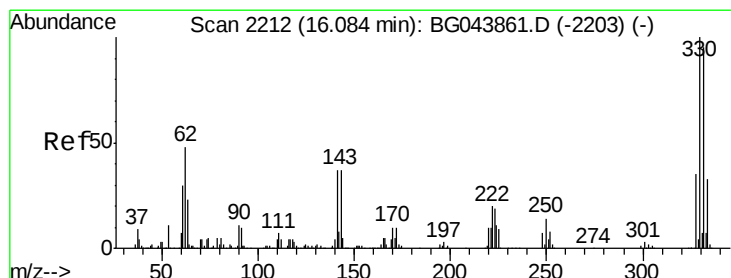
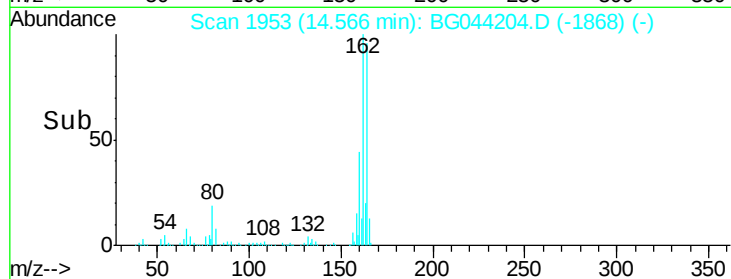
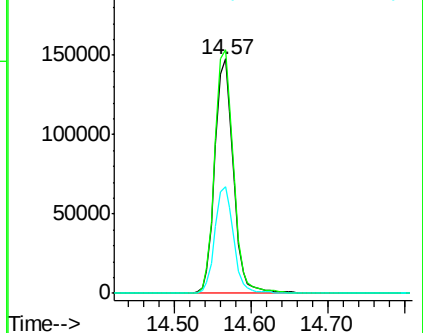
160 45.5 36.1 54.1



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: 79.893 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044204.D

Acq: 25 Jan 2020 6:23

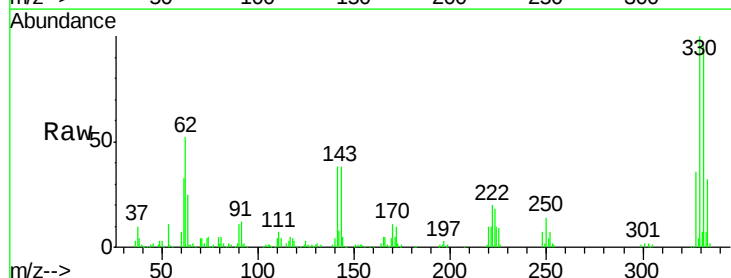
Tgt Ion:330 Resp: 205010

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

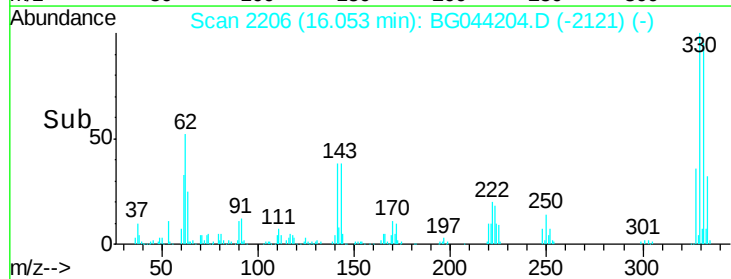
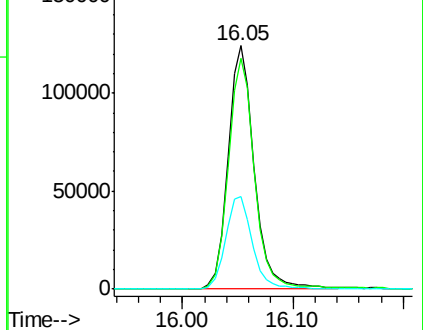
141 39.1 33.1 49.7

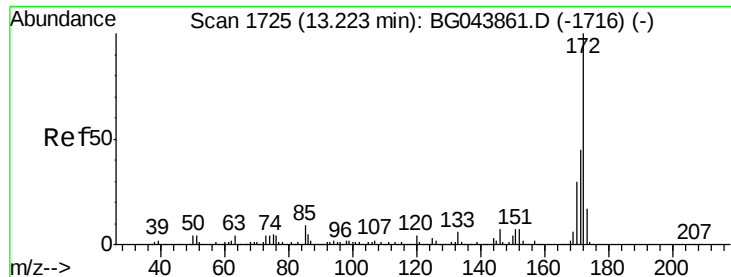


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

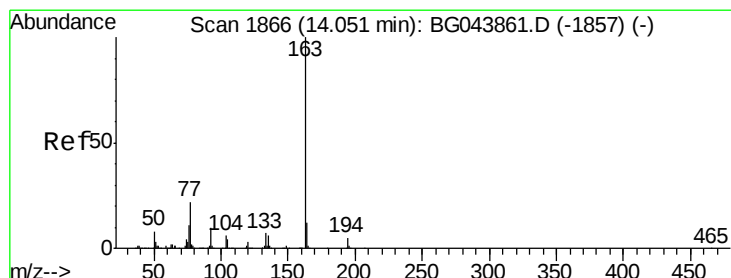
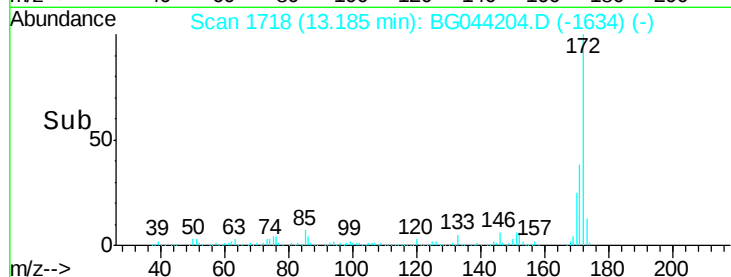
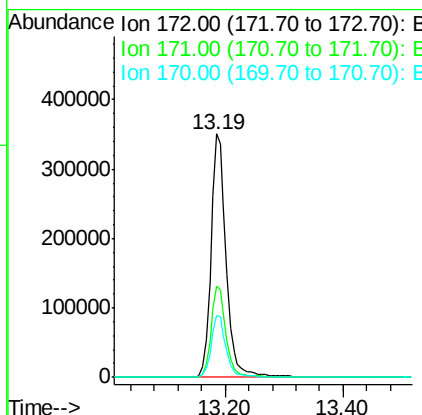
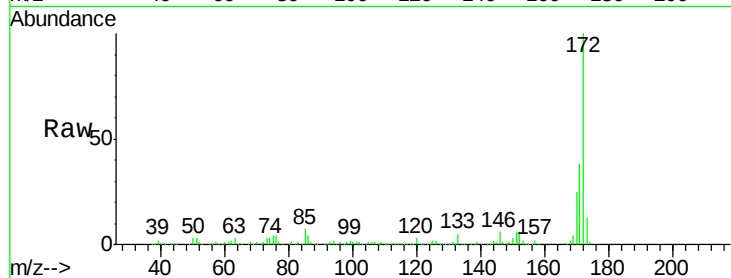




#45
2-Fluorobiphenyl
Concen: 46.276 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BG044204.D
Acq: 25 Jan 2020 6:23

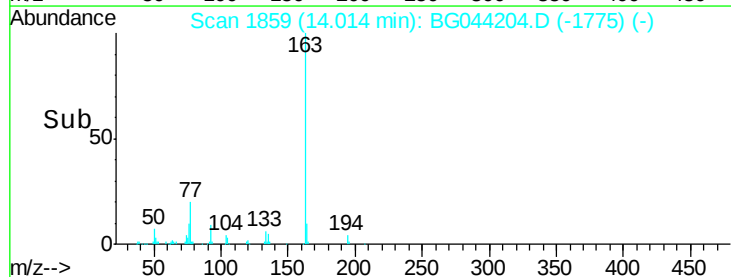
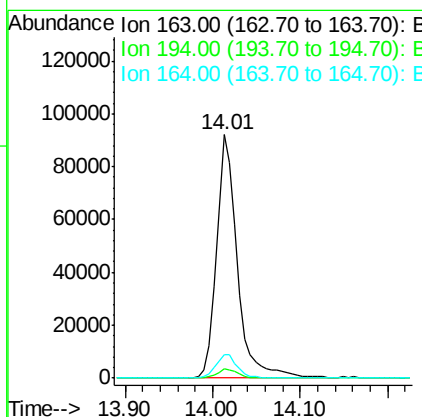
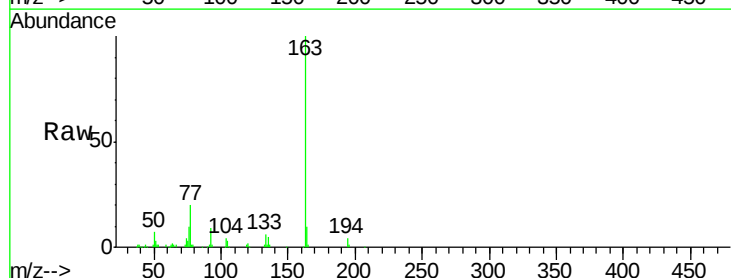
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20200059-COMP-5

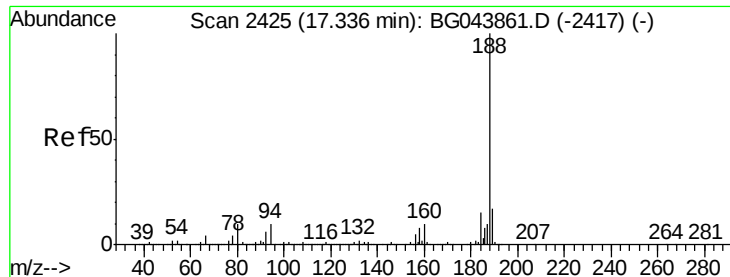
Tot Ion:172 Resp: 626308
Ion Ratio Lower Upper
172 100
171 37.6 35.8 53.8
170 25.3 24.2 36.4



#50
Dimethylphthalate
Concen: 8.765 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.04 min
Lab File: BG044204.D
Acq: 25 Jan 2020 6:23

Tgt Ion:163 Resp: 152604
Ion Ratio Lower Upper
163 100
194 3.8 3.7 5.5
164 9.7 9.3 13.9

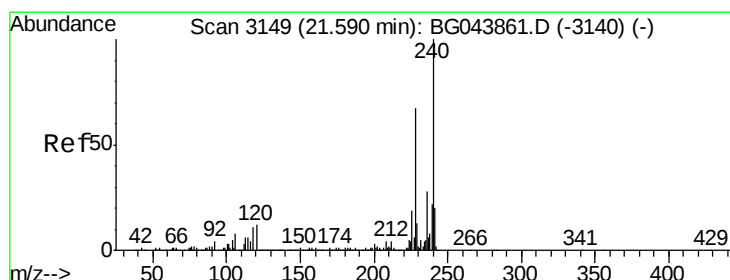
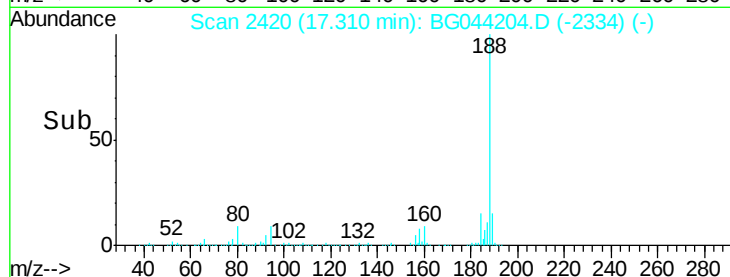
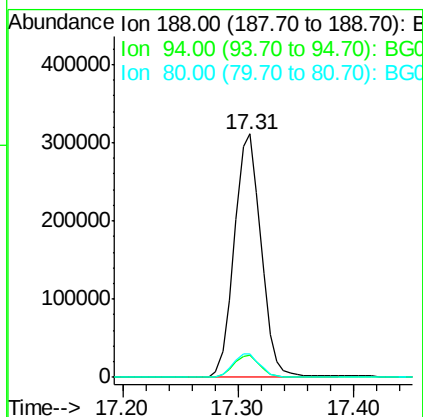
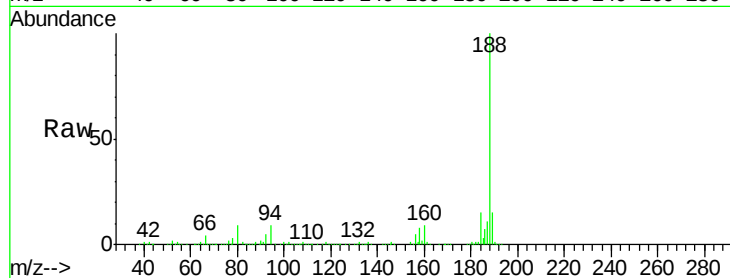




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044204.D
Acq: 25 Jan 2020 6:23

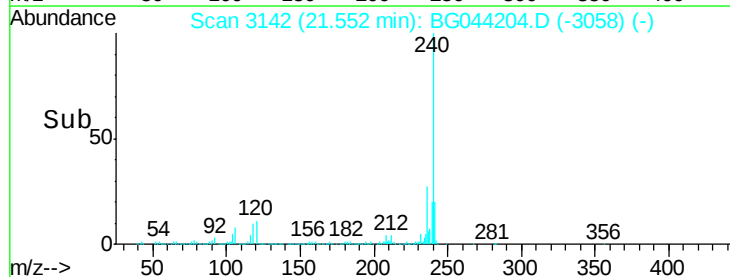
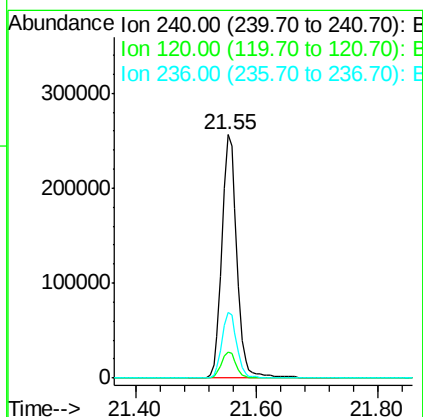
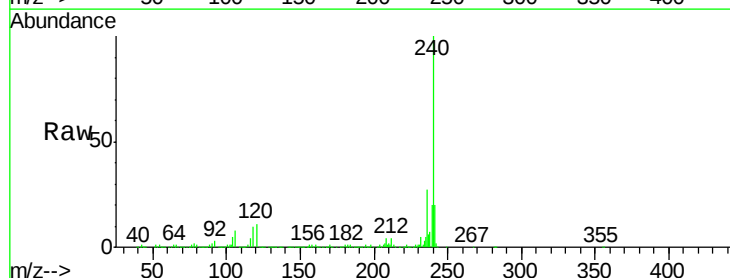
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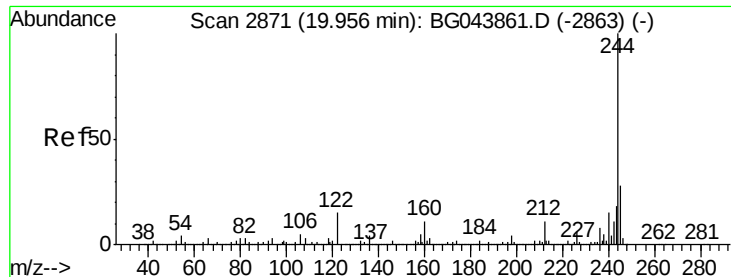
Tot Ion:188 Resp: 501438
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.04 min
Lab File: BG044204.D
Acq: 25 Jan 2020 6:23

Tgt Ion:240 Resp: 440933
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 27.1 22.2 33.2





#79

Terphenyl-d14

Concen: 36.254 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044204.D

Acq: 25 Jan 2020 6:23

Instrument :

BNA_G

ClientSampleId :

20200059-COMP-5

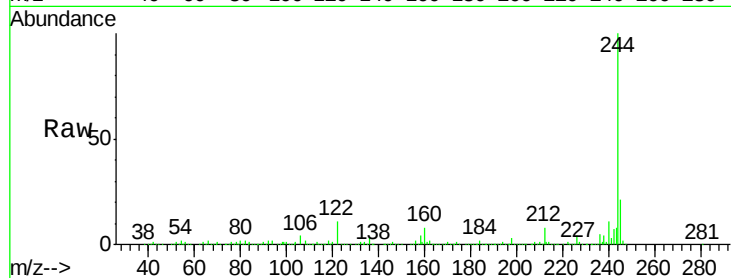
Tot Ion:244 Resp: 814474

Ion Ratio Lower Upper

244 100

212 7.9 8.6 13.0#

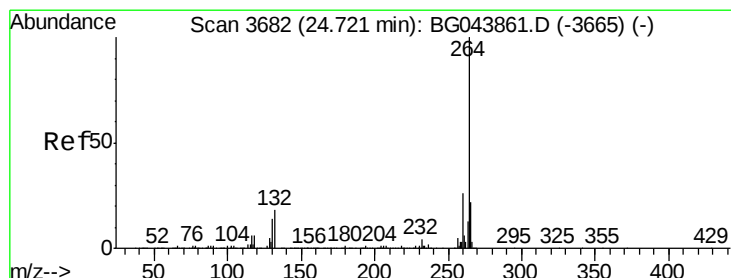
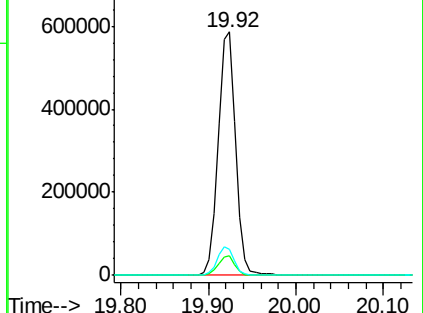
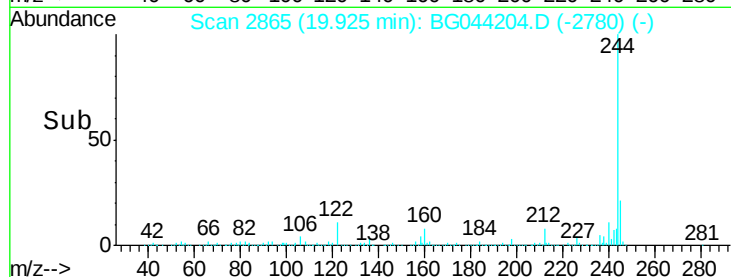
122 10.7 11.9 17.9#



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: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044204.D

Acq: 25 Jan 2020 6:23

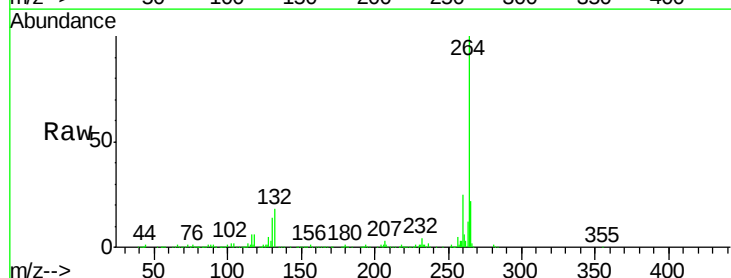
Tgt Ion:264 Resp: 479416

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 21.8 17.4 26.2



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

