

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044191.D
 Acq On : 24 Jan 2020 21:02
 Operator : CG/JU
 Sample : L1247-29
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-15-COMP

Quant Time: Jan 27 04:49:33 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

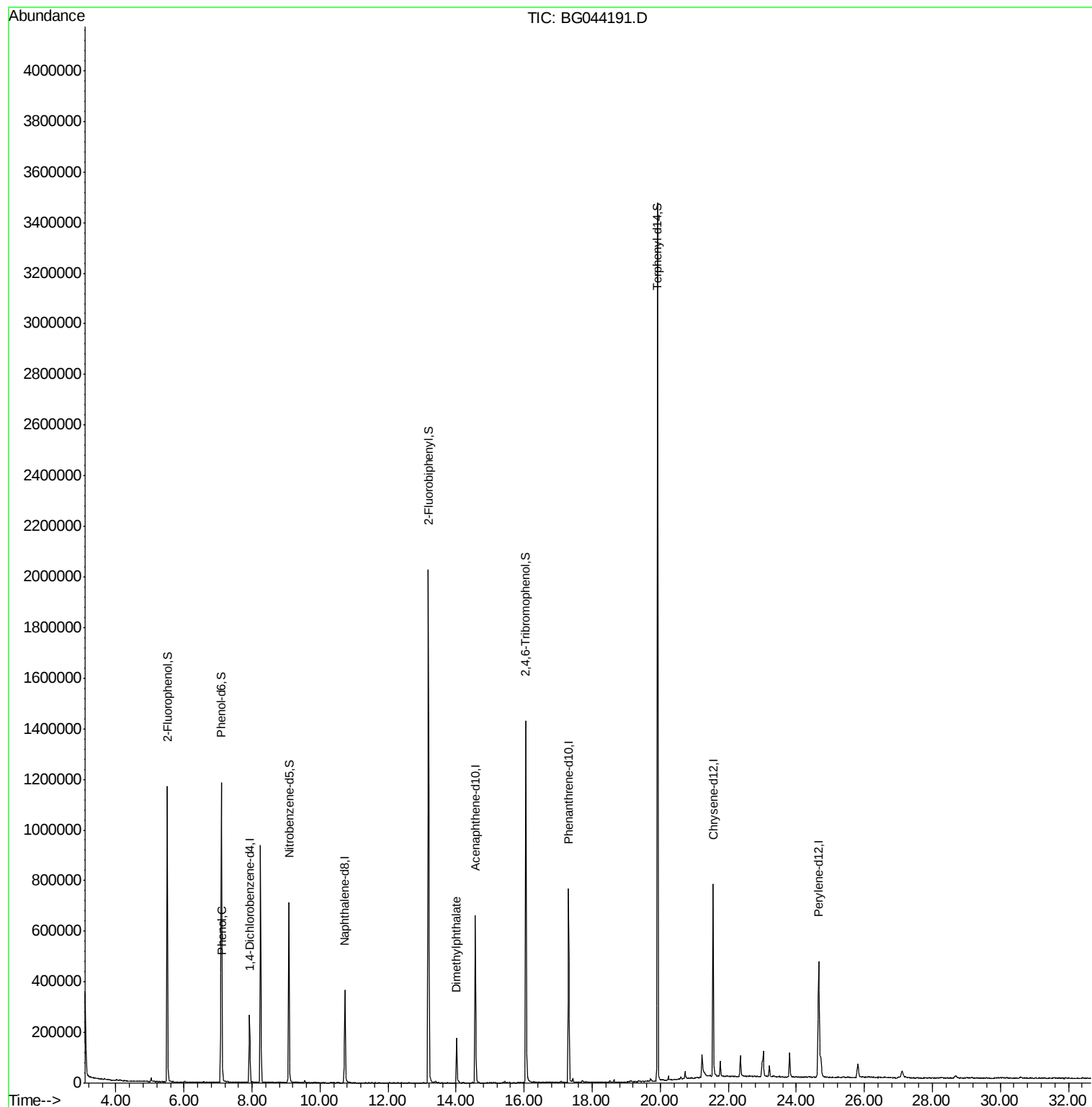
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	80476	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	353285	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	243535	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	500037	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	432817	20.00	ng	-0.04
87) Perylene-d12	24.66	264	481796	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	557276	127.15	ng	-0.03
7) Phenol-d6	7.10	99	753659	123.02	ng	-0.02
23) Nitrobenzene-d5	9.09	82	463555	70.19	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	283517	111.25	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1108926	82.50	ng	-0.04
79) Terphenyl-d14	19.92	244	1594484	90.27	ng	-0.04
Target Compounds						
10) Phenol	7.12	94	29868	4.732	ng	87
50) Dimethylphthalate	14.02	163	145685	8.425	ng	97

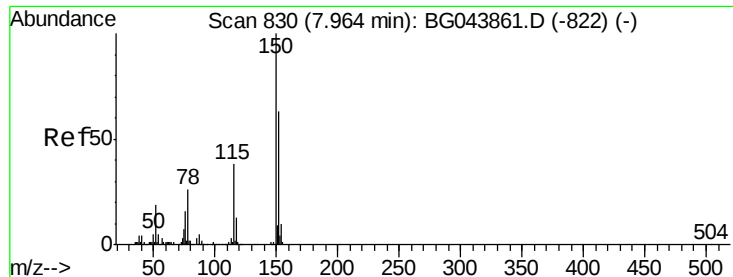
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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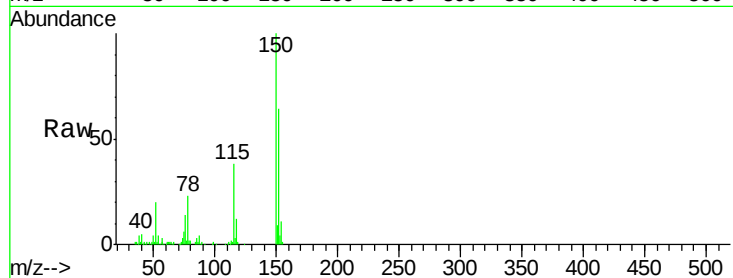


#1

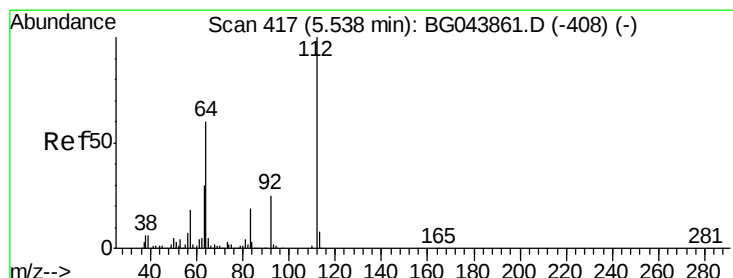
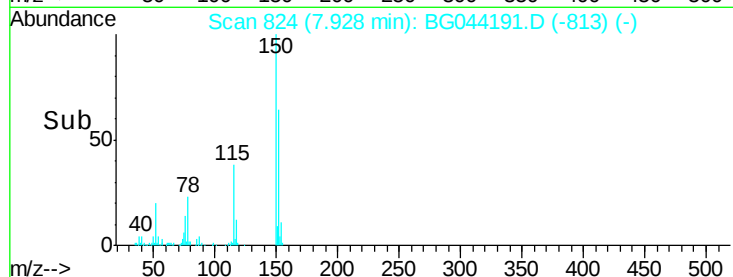
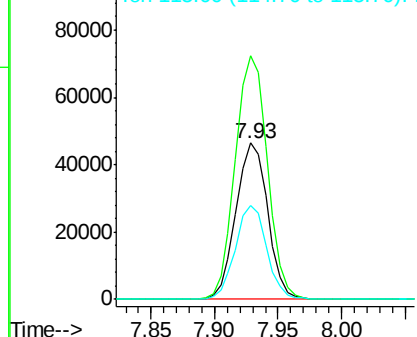
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Instrument :
BNA_G
ClientSampleId :
TP-13-15-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.0	190.4
115	59.7	47.8	71.8



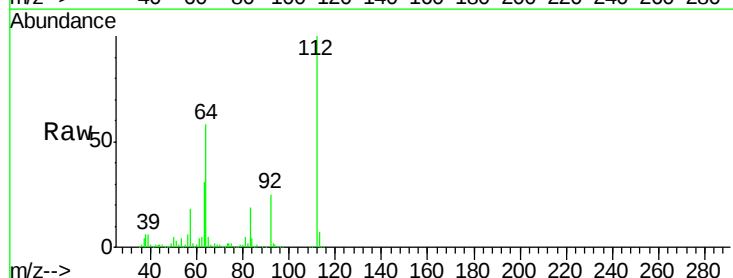
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



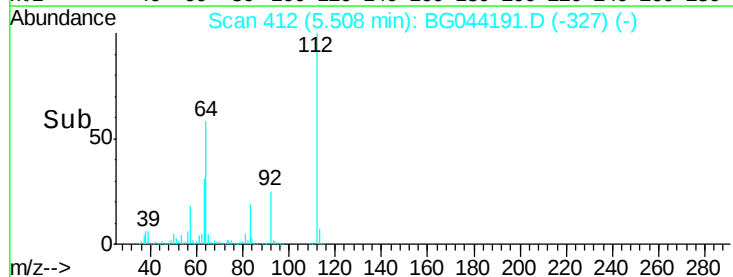
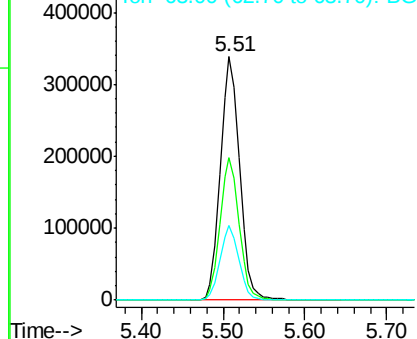
#5

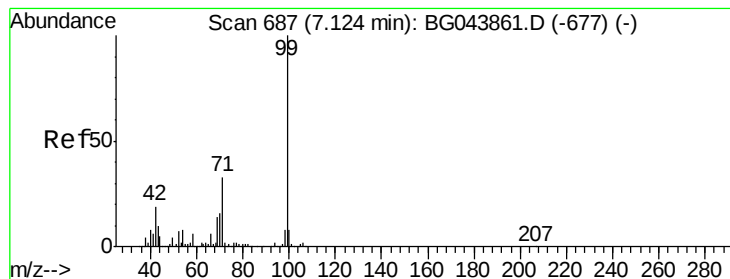
2-Fluorophenol
Concen: 127.147 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.8	71.6
63	30.7	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: 123.015 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

Instrument :

BNA_G

ClientSampleId :

TP-13-15-COMP

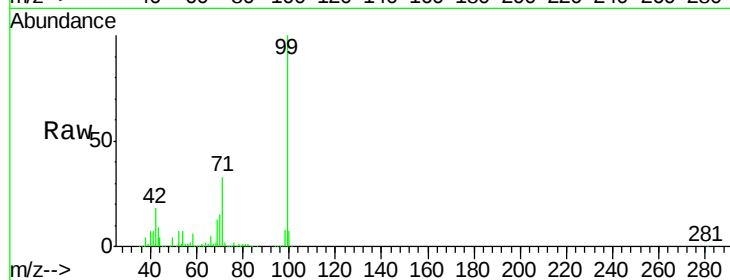
Tot Ion: 99 Resp: 753659

Ion Ratio Lower Upper

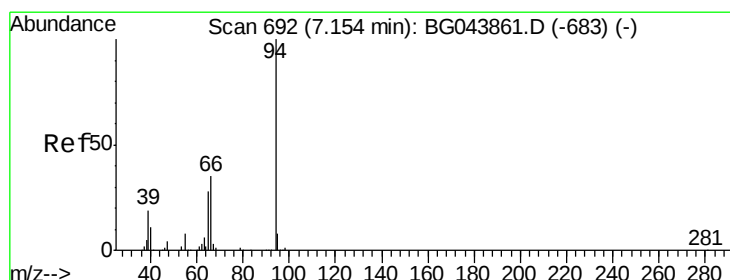
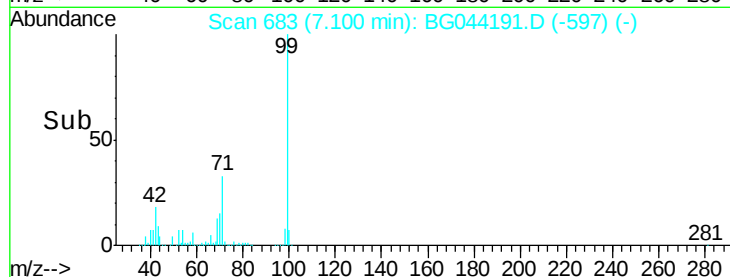
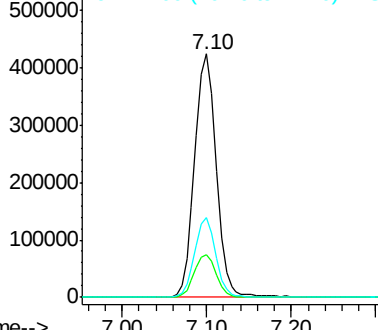
99 100

42 17.8 14.9 22.3

71 32.7 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: 4.732 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

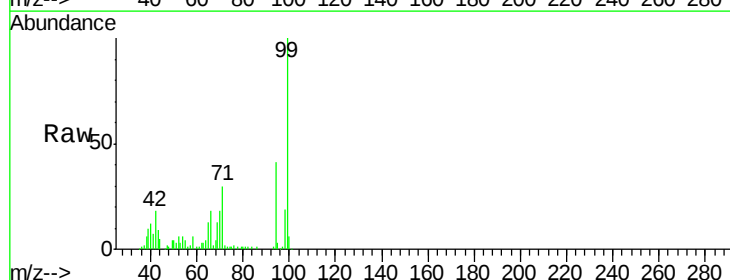
Tgt Ion: 94 Resp: 29868

Ion Ratio Lower Upper

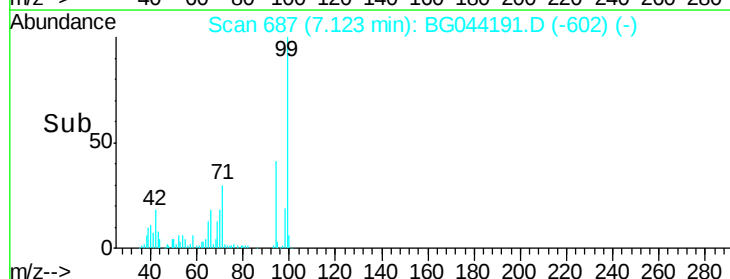
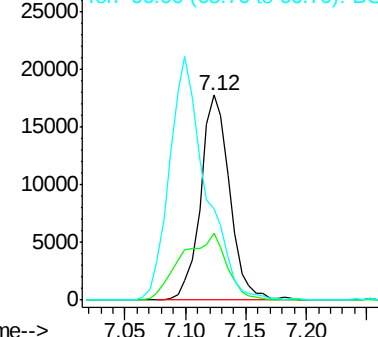
94 100

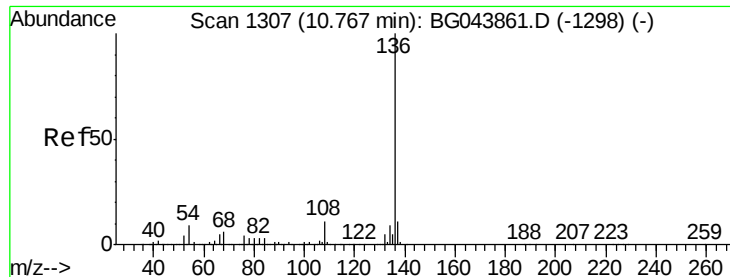
65 32.6 8.1 48.1

66 44.8 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

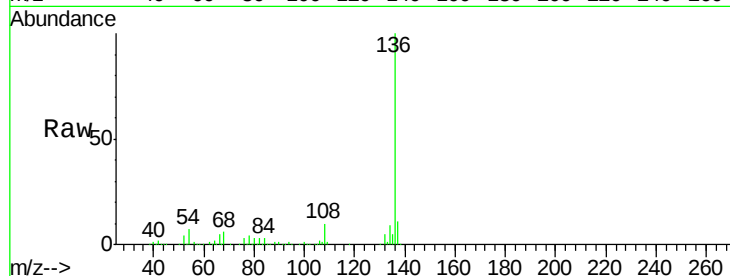




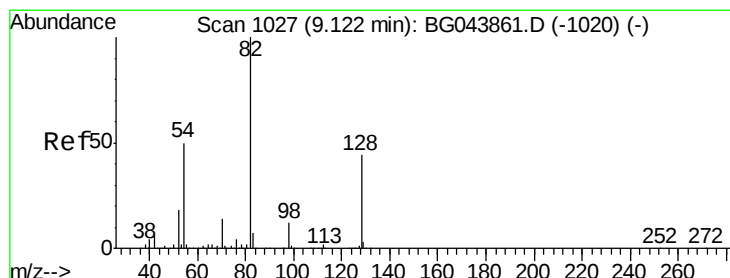
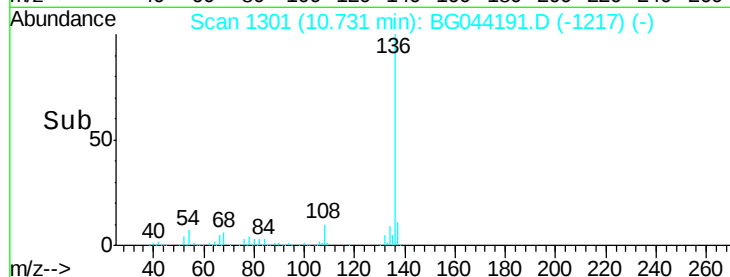
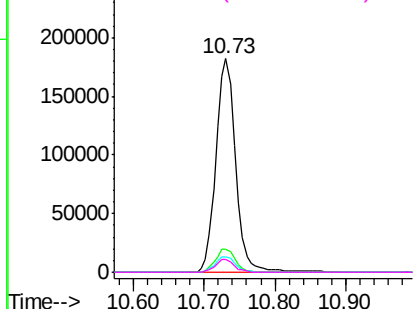
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Instrument :
BNA_G
ClientSampleId :
TP-13-15-COMP

Tot Ion:136	Resp:	353285	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 7.4	7.0	10.4	
68 5.8	4.9	7.3	

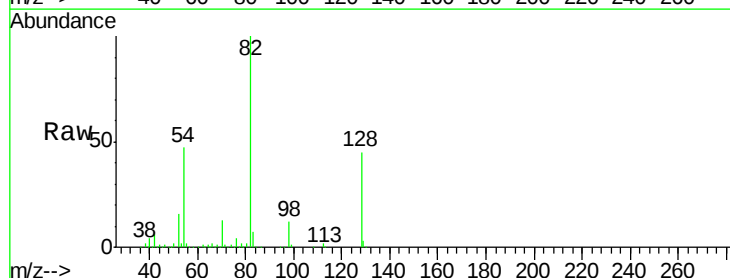


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

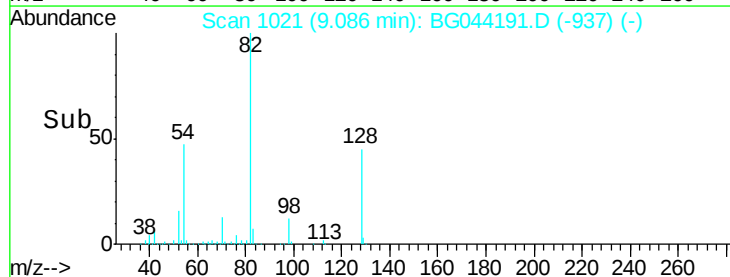
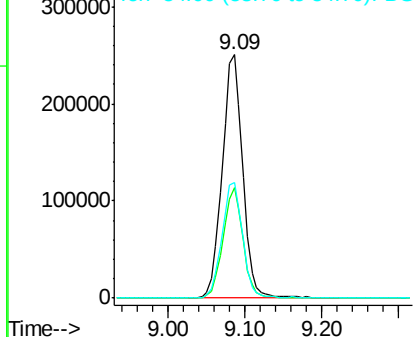


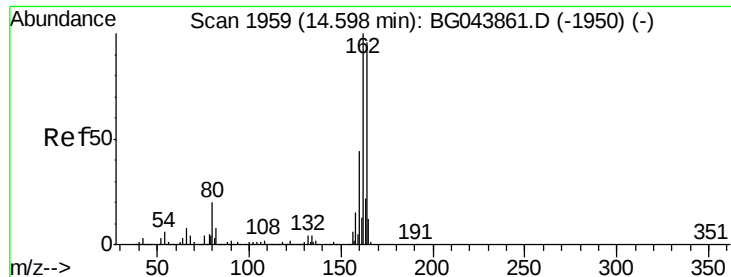
#23
Nitrobenzene-d5
Concen: 70.193 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Tgt Ion: 82	Resp: 463555
Ion Ratio	Lower Upper
82 100	
128 45.5	35.1 52.7
54 47.4	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: 14.56 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

Instrument :

BNA_G

ClientSampleId :

TP-13-15-COMP

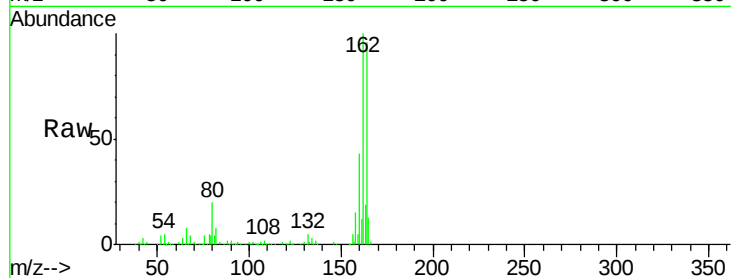
Tot Ion:164 Resp: 243535

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

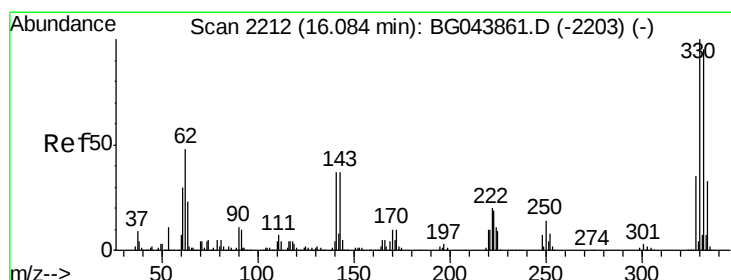
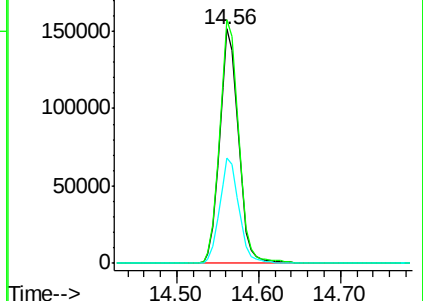
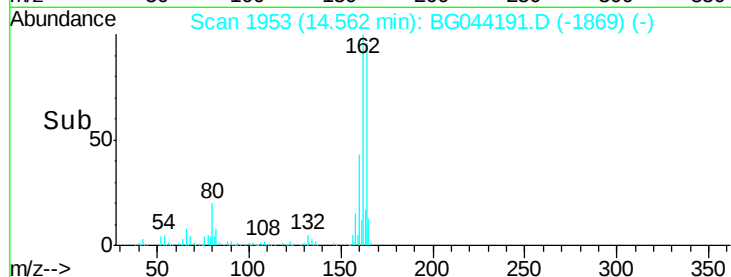
160 44.7 36.1 54.1



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: 111.247 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

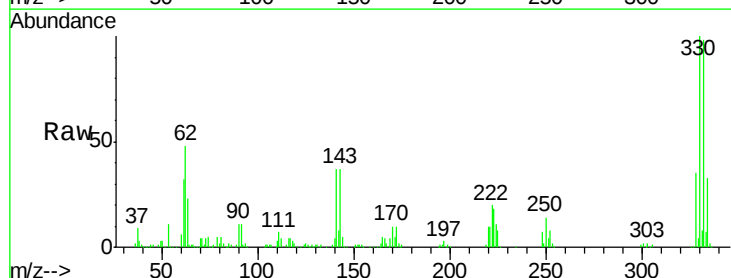
Tgt Ion:330 Resp: 283517

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

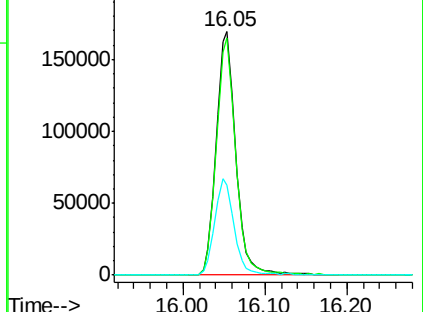
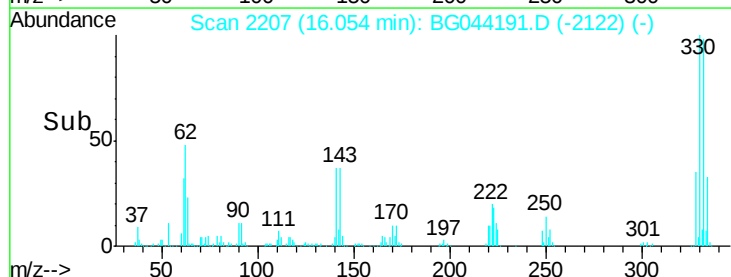
141 39.5 33.1 49.7

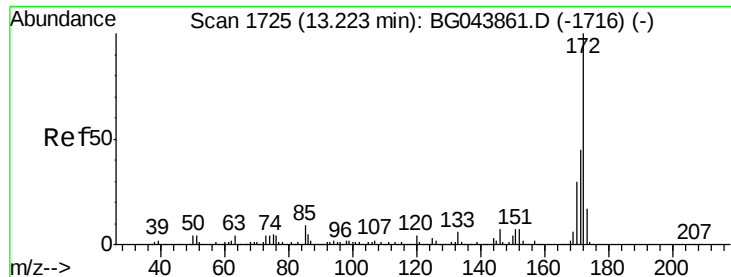


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

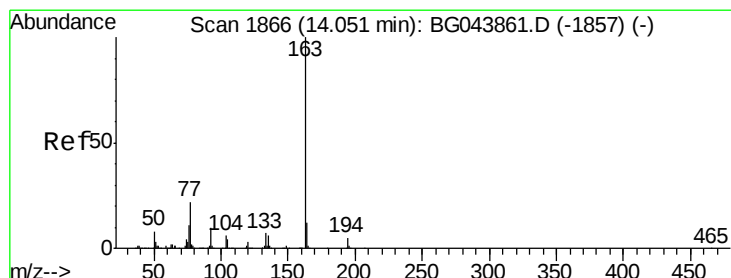
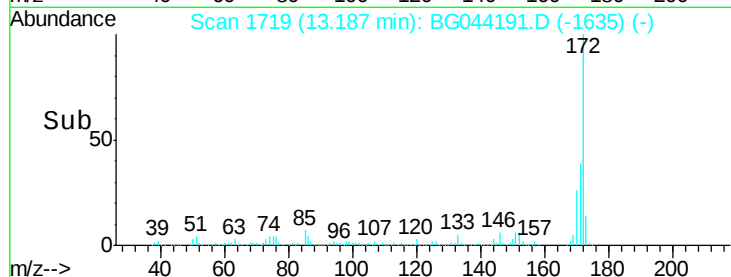
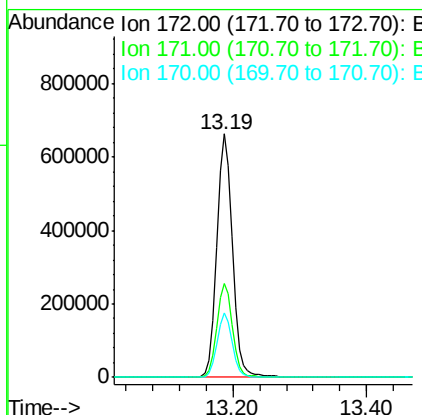
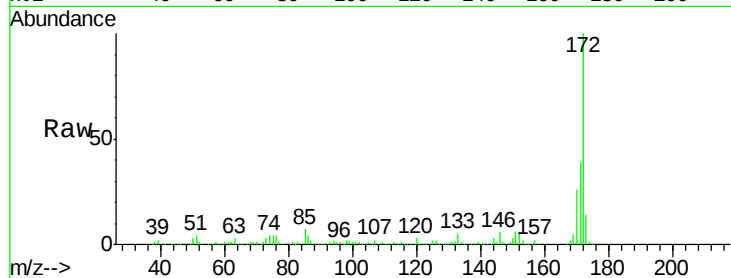




#45
2-Fluorobiphenyl
Concen: 82.498 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

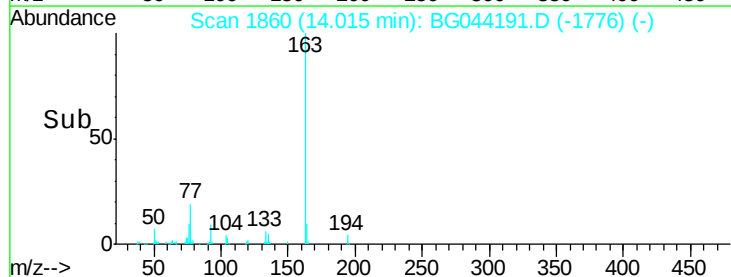
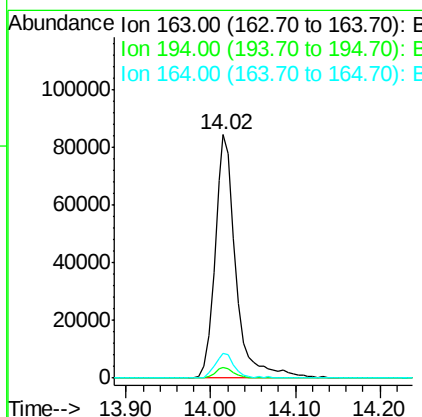
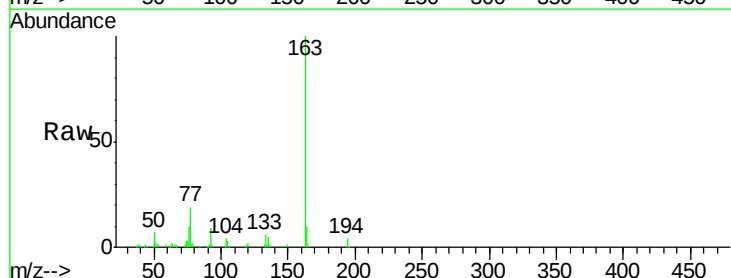
Instrument :
BNA_G
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TP-13-15-COMP

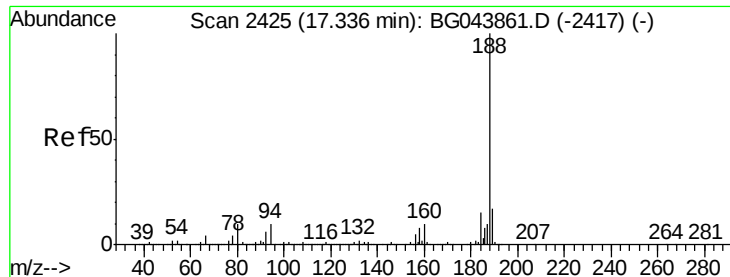
Tot Ion:172 Resp: 1108926
Ion Ratio Lower Upper
172 100
171 38.6 35.8 53.8
170 26.4 24.2 36.4



#50
Dimethylphthalate
Concen: 8.425 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044191.D
Acq: 24 Jan 2020 21:02

Tgt Ion:163 Resp: 145685
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.3 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: BG044191.D

Acq: 24 Jan 2020 21:02

Instrument :

BNA_G

ClientSampleId :

TP-13-15-COMP

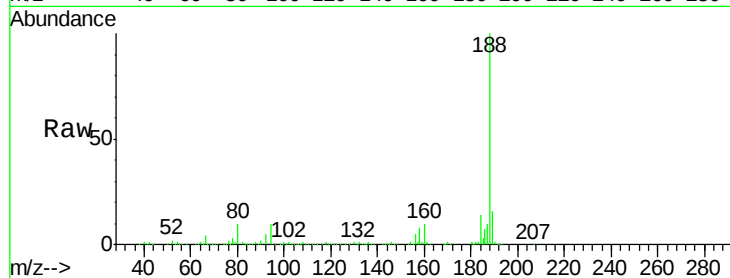
Tot Ion:188 Resp: 500037

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

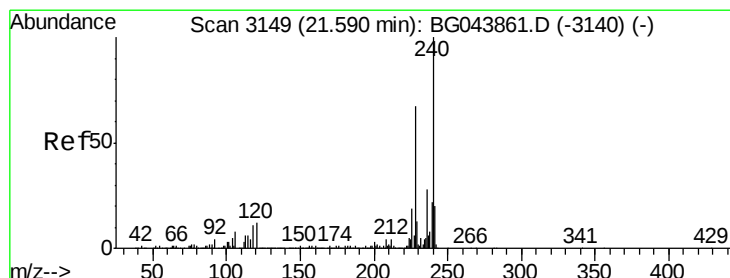
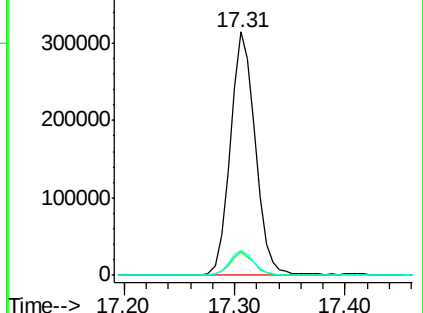
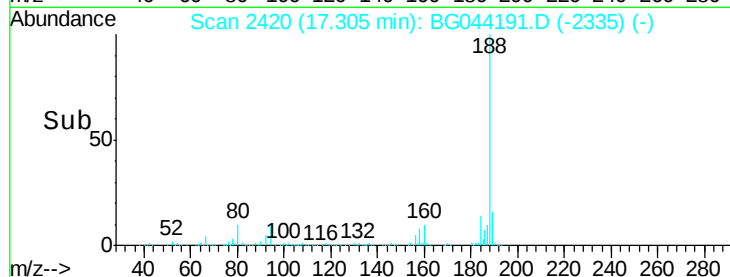
80 10.2 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.04 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

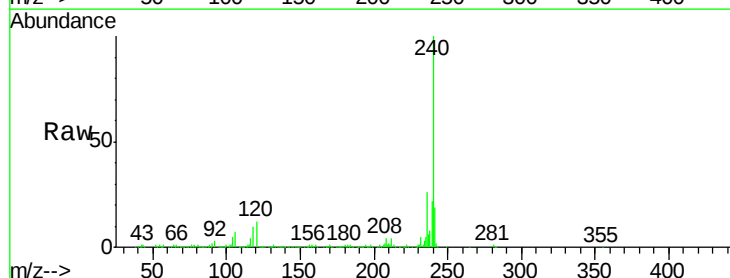
Tgt Ion:240 Resp: 432817

Ion Ratio Lower Upper

240 100

120 11.7 9.6 14.4

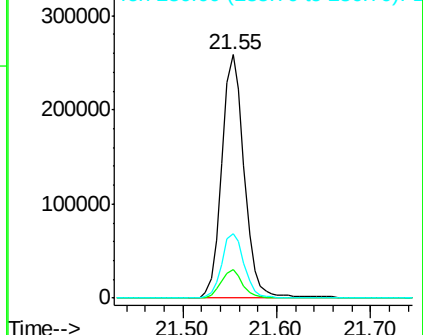
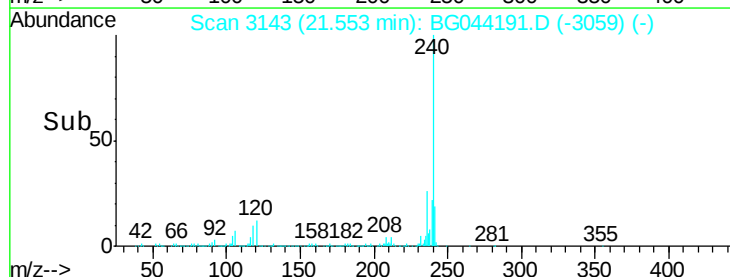
236 26.3 22.2 33.2

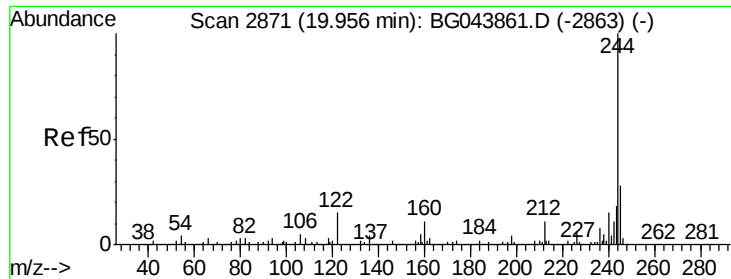


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.271 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.04 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

Instrument :

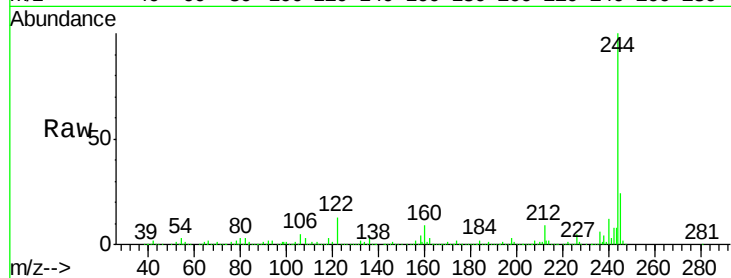
BNA_G

ClientSampleId :

TP-13-15-COMP

Tot Ion:244 Resp: 1594484

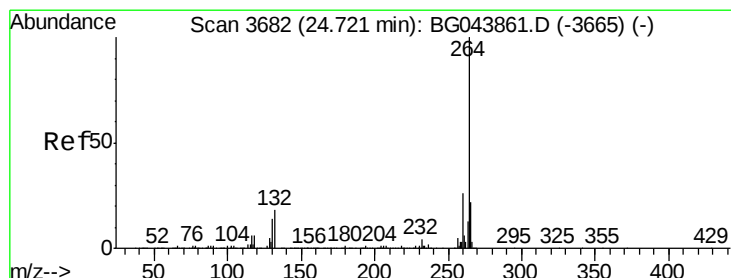
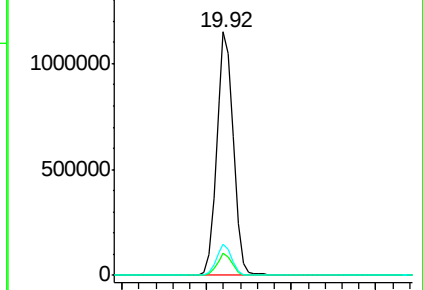
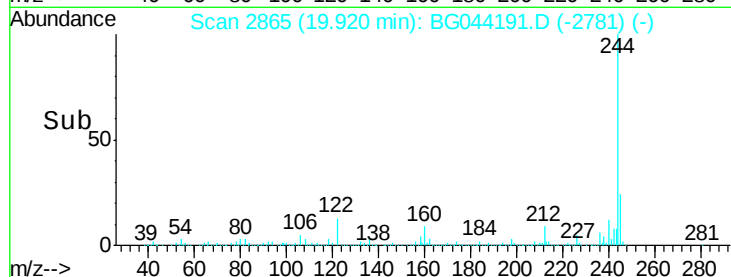
Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.6	13.0
122	12.6	11.9	17.9



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# 3672

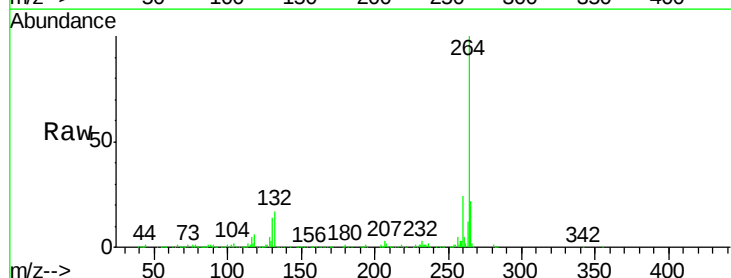
Delta R.T. -0.06 min

Lab File: BG044191.D

Acq: 24 Jan 2020 21:02

Tgt Ion:264 Resp: 481796

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.4	30.6
265	21.6	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

