

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
 Data File : BG044087.D
 Acq On : 17 Jan 2020 23:13
 Operator : JU
 Sample : L1162-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-109-(SETTLED)

Quant Time: Jan 18 04:14:00 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

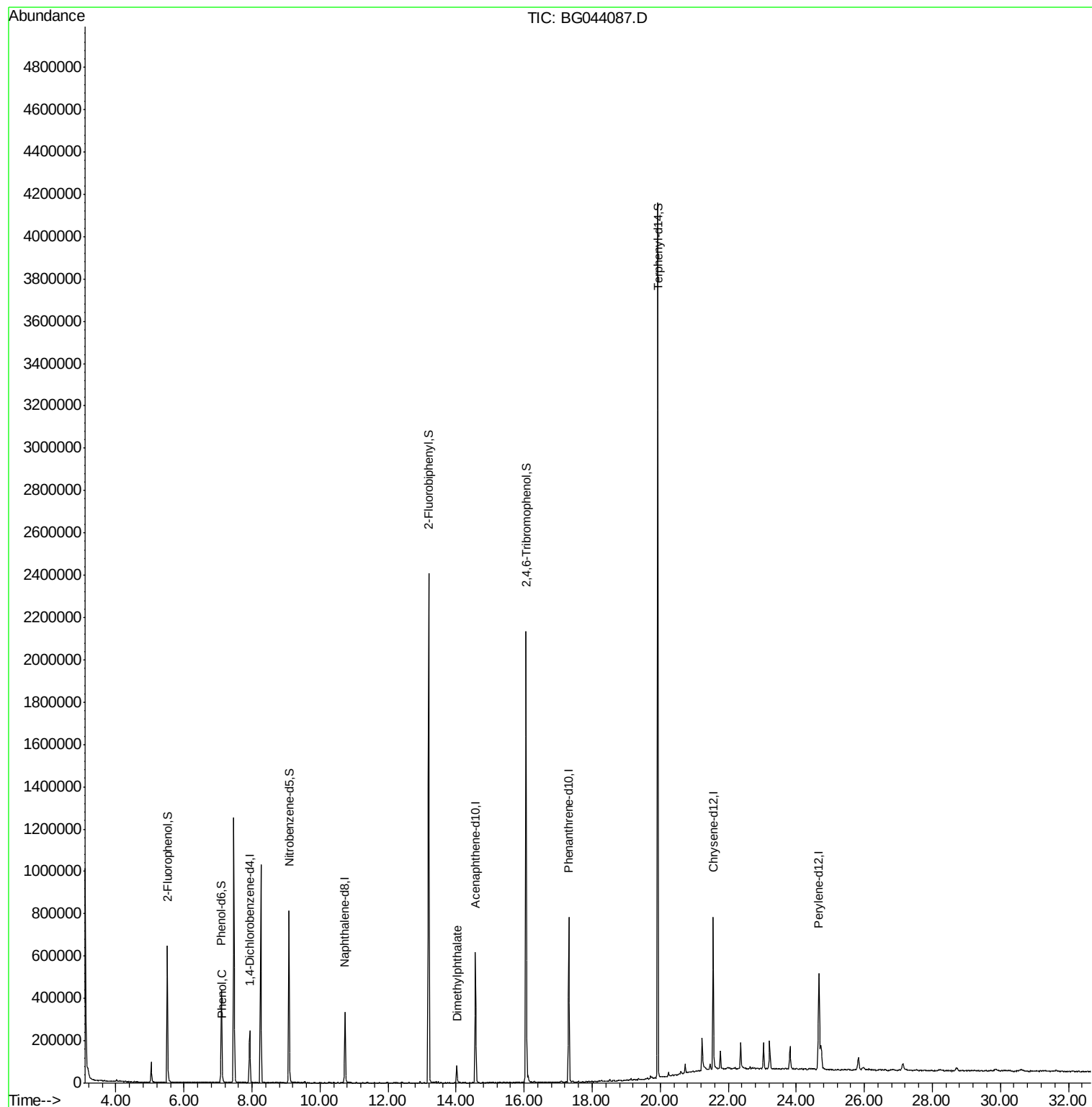
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75186	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	319295	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	226509	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	491234	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	407719	20.00	ng	-0.03
87) Perylene-d12	24.67	264	460884	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	332270	81.14	ng	-0.02
7) Phenol-d6	7.10	99	284838	49.76	ng	-0.02
23) Nitrobenzene-d5	9.09	82	537319	90.02	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	395838	166.99	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1276504	102.10	ng	-0.03
79) Terphenyl-d14	19.93	244	1855624	122.30	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	13626	2.311	ng	98
50) Dimethylphthalate	14.02	163	65876	4.096	ng	96

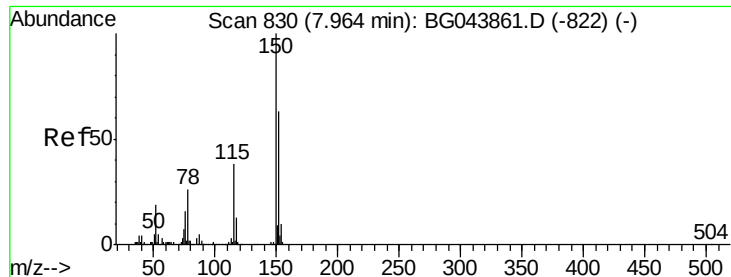
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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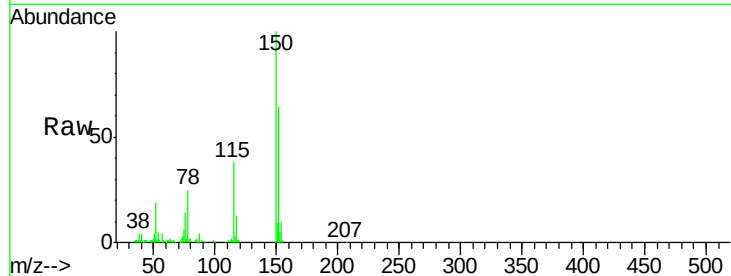


#1

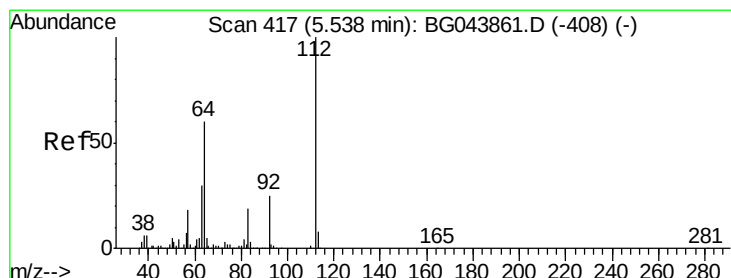
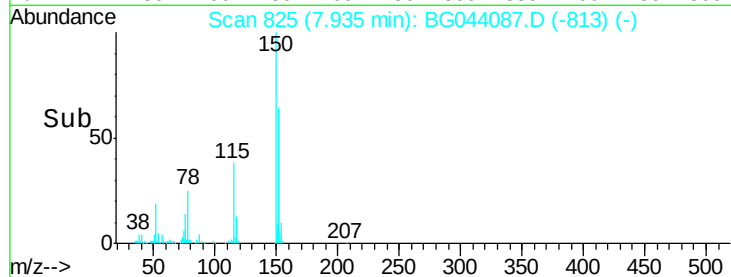
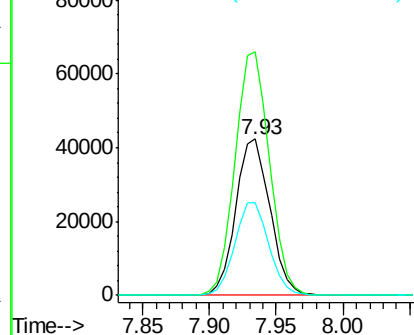
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.03 min
Lab File: BG044087.D
Acq: 17 Jan 2020 23:13

Instrument :
BNA_G
ClientSampleId :
MH-109-(SETTLED)

Tot Ion:152 Resp: 75186
Ion Ratio Lower Upper
152 100
150 156.1 127.0 190.4
115 59.3 47.8 71.8



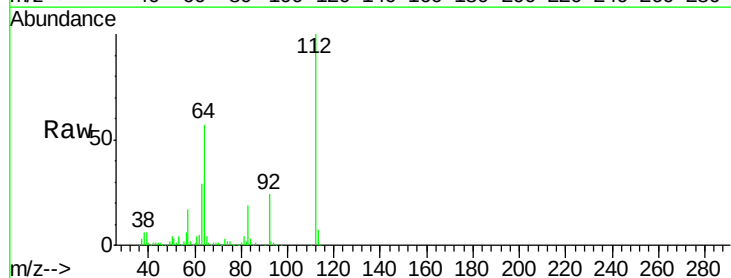
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



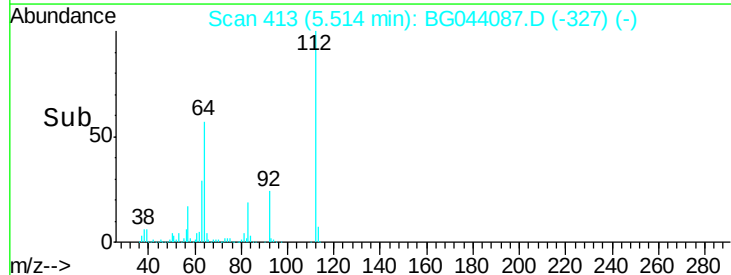
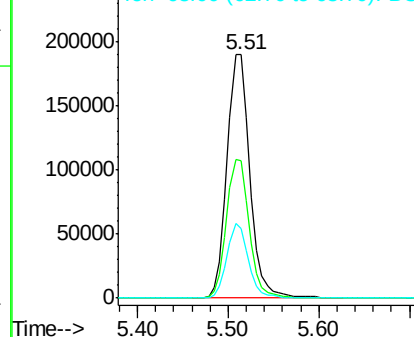
#5

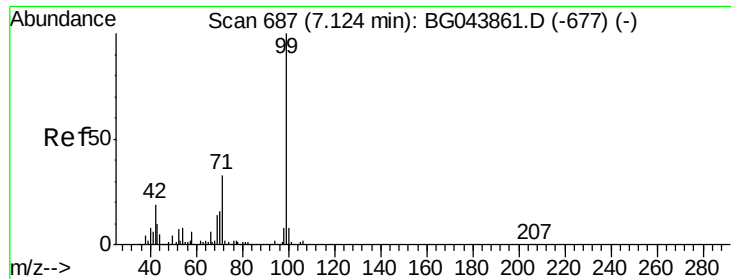
2-Fluorophenol
Concen: 81.144 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.02 min
Lab File: BG044087.D
Acq: 17 Jan 2020 23:13

Tgt Ion:112 Resp: 332270
Ion Ratio Lower Upper
112 100
64 56.7 47.8 71.6
63 28.8 24.3 36.5



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: 49.764 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044087.D

Acq: 17 Jan 2020 23:13

Instrument :

BNA_G

ClientSampleId :

MH-109-(SETTLED)

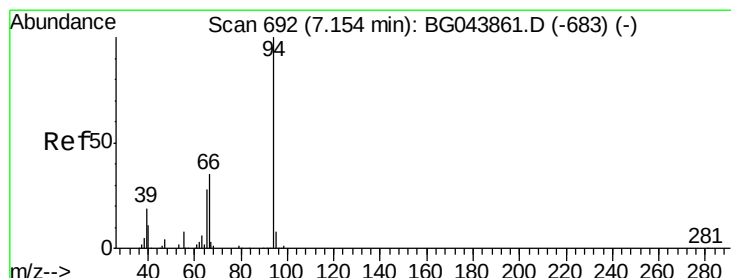
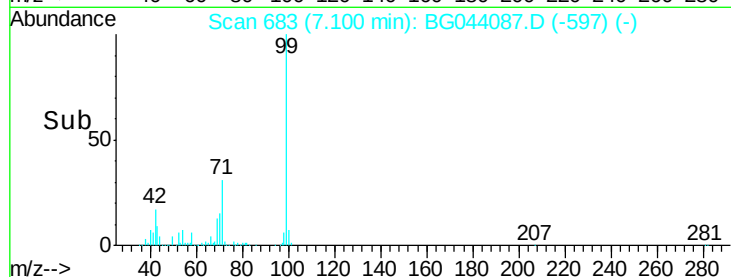
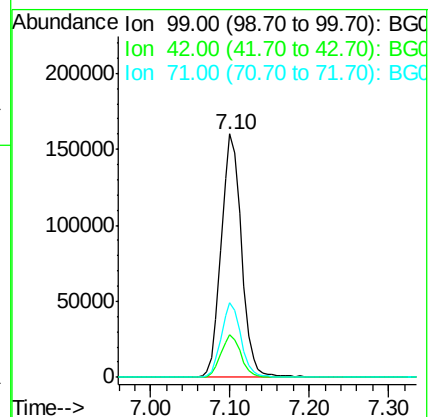
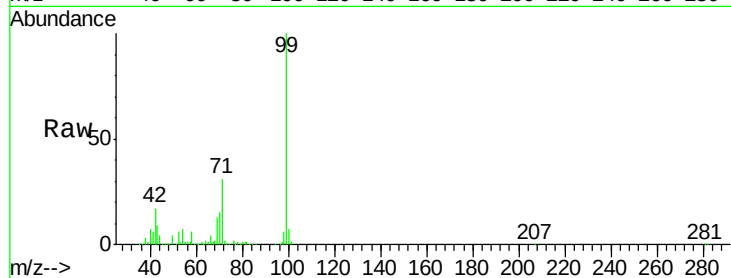
Tot Ion: 99 Resp: 284838

Ion Ratio Lower Upper

99 100

42 17.3 14.9 22.3

71 30.8 26.4 39.6



#10

Phenol

Concen: 2.311 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044087.D

Acq: 17 Jan 2020 23:13

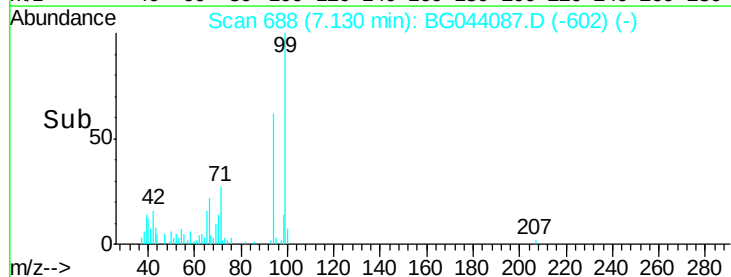
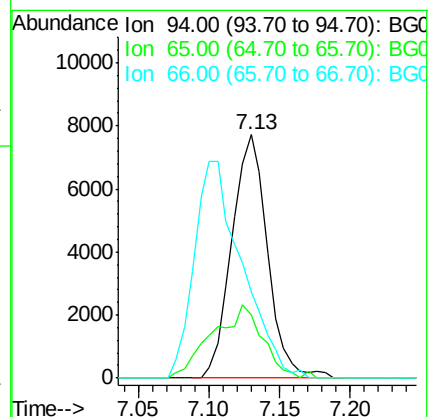
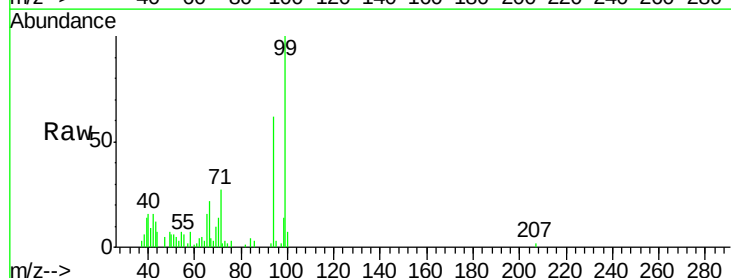
Tgt Ion: 94 Resp: 13626

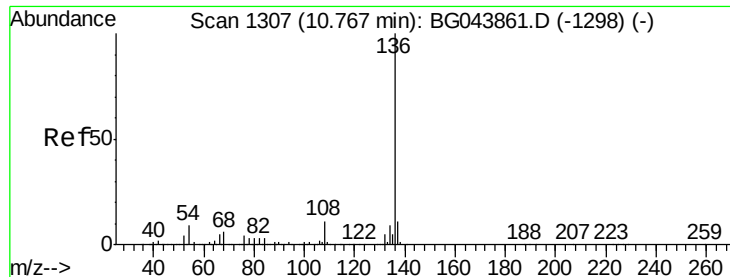
Ion Ratio Lower Upper

94 100

65 25.8 8.1 48.1

66 35.5 15.6 55.6

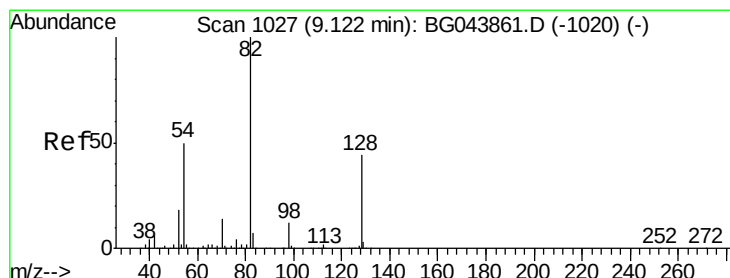
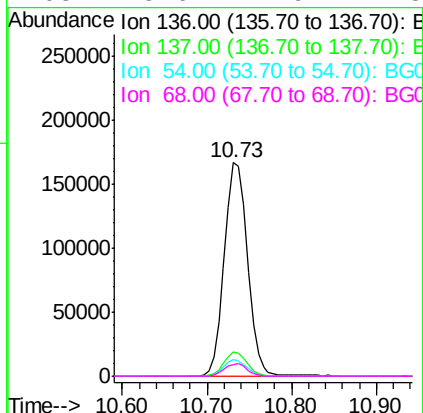
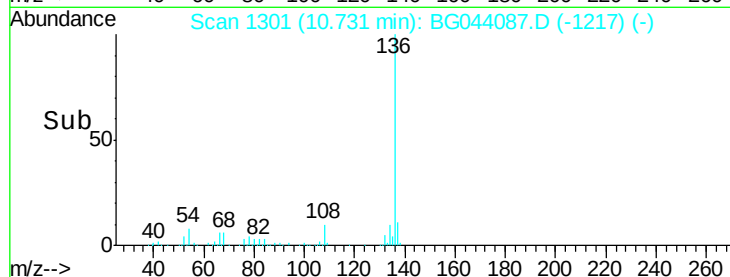
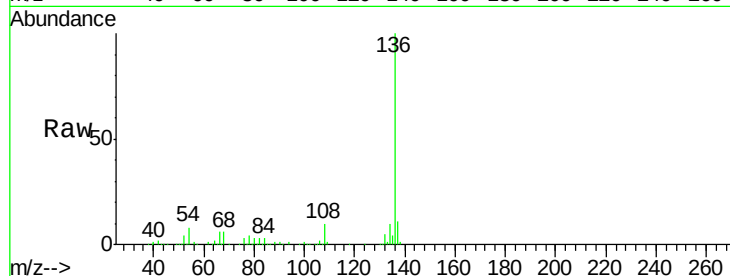




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044087.D
Acq: 17 Jan 2020 23:13

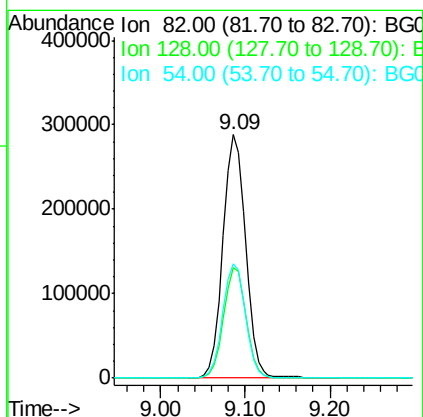
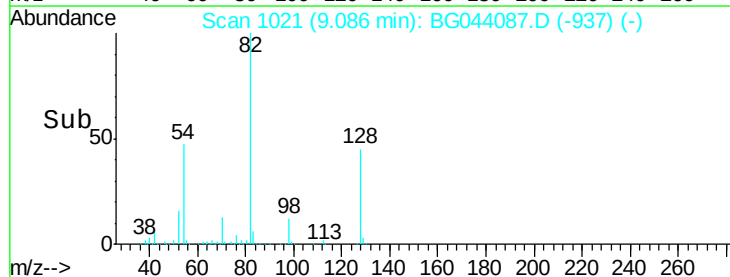
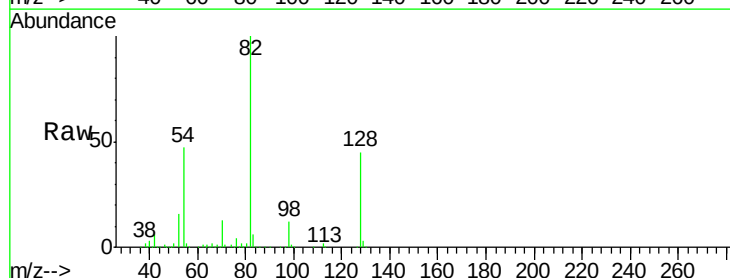
Instrument :
BNA_G
ClientSampleId :
MH-109-(SETTLED)

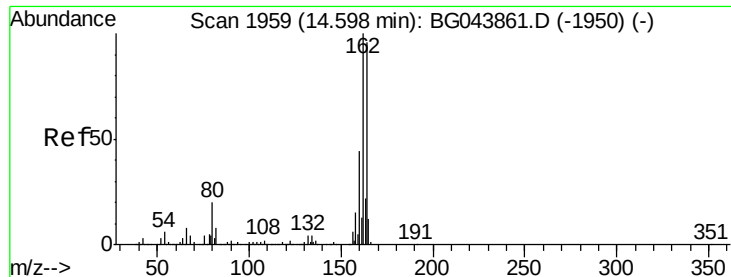
Tot Ion:136	Resp:	319295	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.8	13.2	
54 7.8	7.0	10.4	
68 5.6	4.9	7.3	



#23
Nitrobenzene-d5
Concen: 90.024 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044087.D
Acq: 17 Jan 2020 23:13

Tgt Ion: 82	Resp: 537319
Ion Ratio	Lower Upper
82 100	
128 45.3	35.1 52.7
54 47.0	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044087.D

Acq: 17 Jan 2020 23:13

Instrument :

BNA_G

ClientSampleId :

MH-109-(SETTLED)

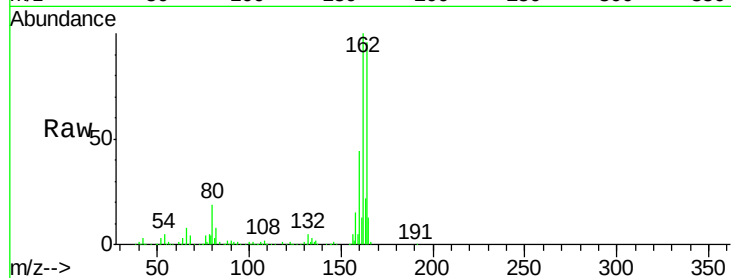
Tot Ion:164 Resp: 226509

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

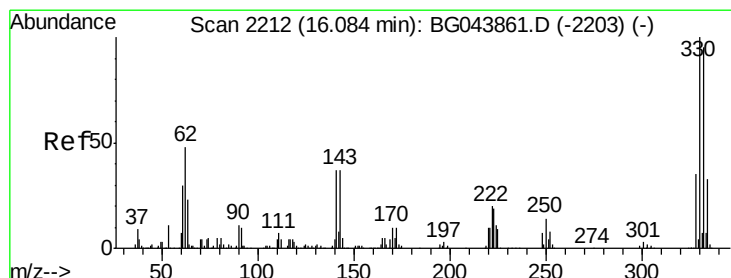
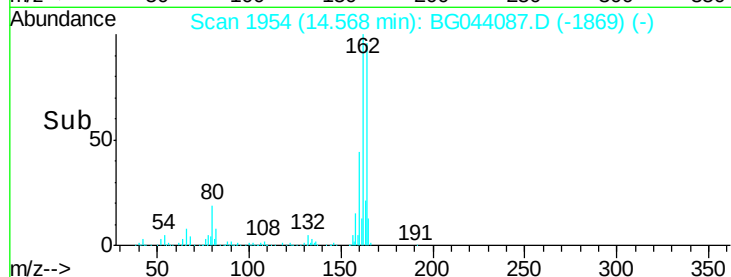
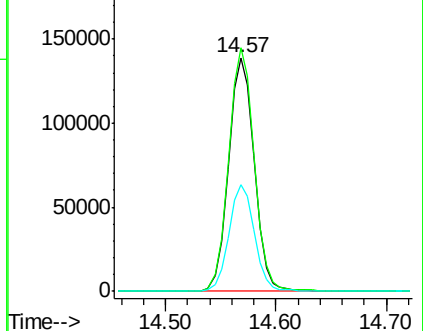
160 45.6 36.1 54.1



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: 166.994 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044087.D

Acq: 17 Jan 2020 23:13

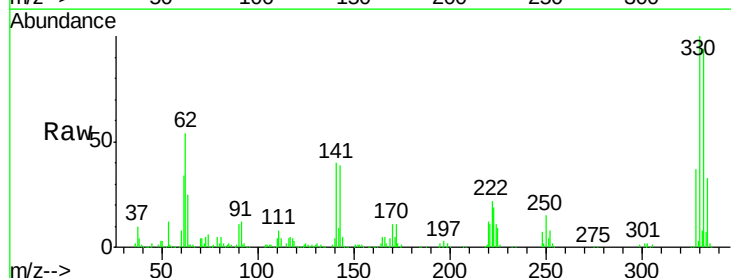
Tgt Ion:330 Resp: 395838

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

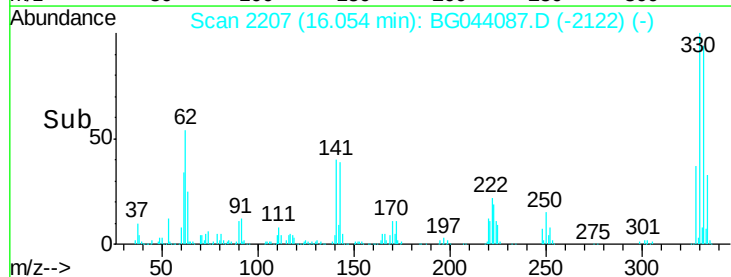
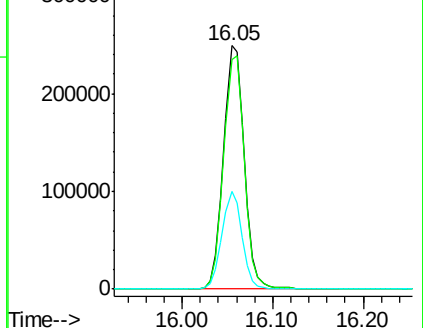
141 38.9 33.1 49.7

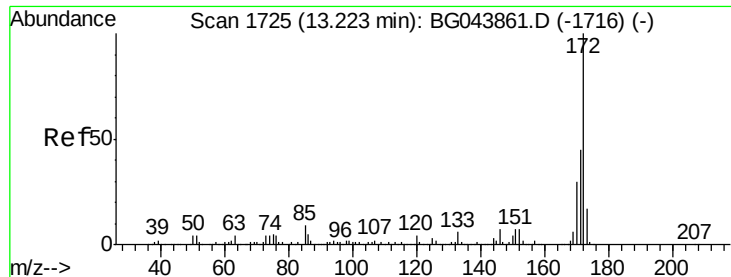


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

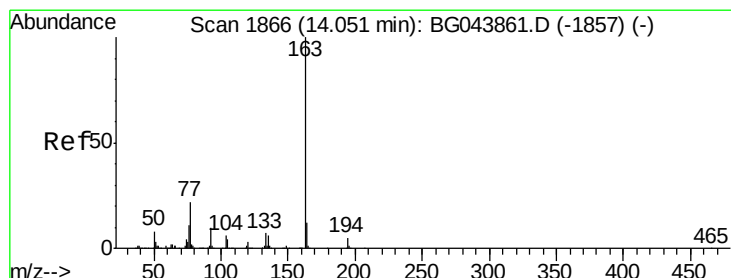
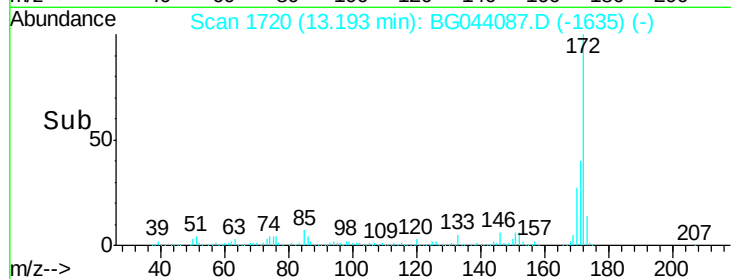
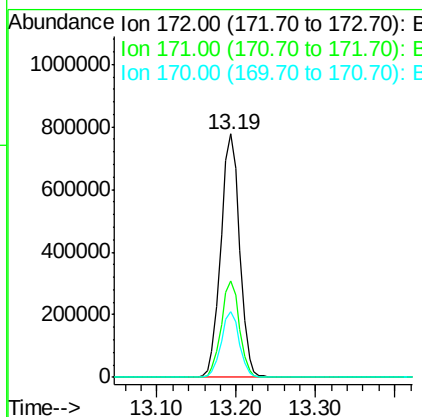
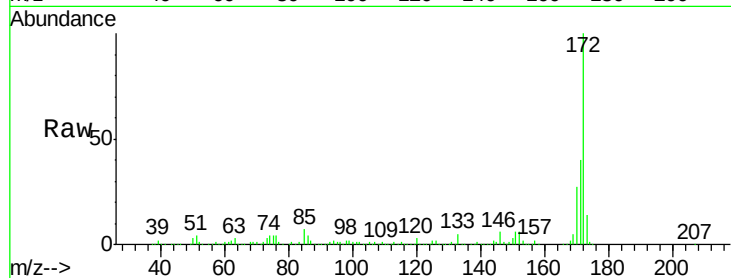




#45
2-Fluorobiphenyl
Concen: 102.103 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044087.D
Acq: 17 Jan 2020 23:13

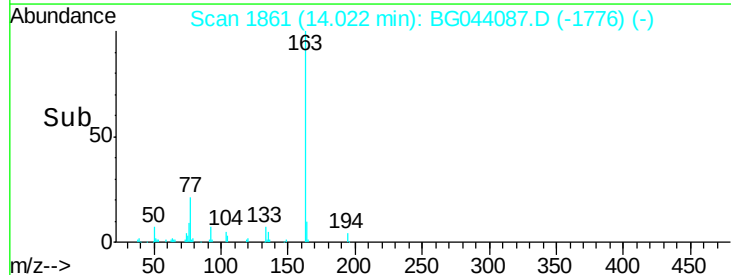
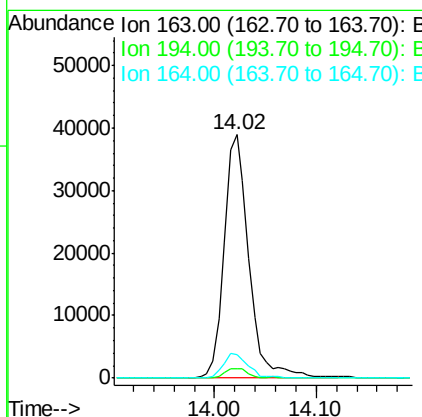
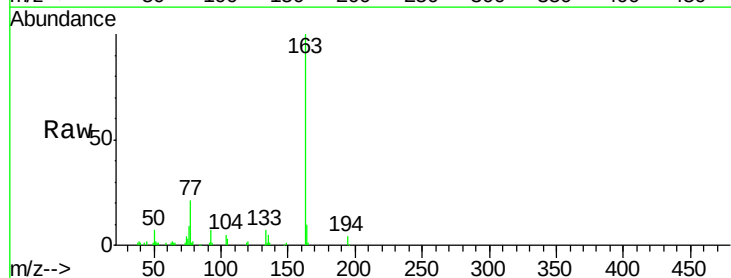
Instrument :
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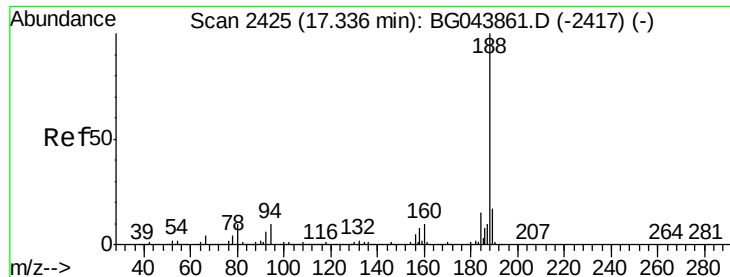
Tot Ion:172 Resp: 1276504
Ion Ratio Lower Upper
172 100
171 39.5 35.8 53.8
170 27.1 24.2 36.4



#50
Dimethylphthalate
Concen: 4.096 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044087.D
Acq: 17 Jan 2020 23:13

Tgt Ion:163 Resp: 65876
Ion Ratio Lower Upper
163 100
194 3.8 3.7 5.5
164 9.8 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044087.D

Acq: 17 Jan 2020 23:13

Instrument :

BNA_G

ClientSampleId :

MH-109-(SETTLED)

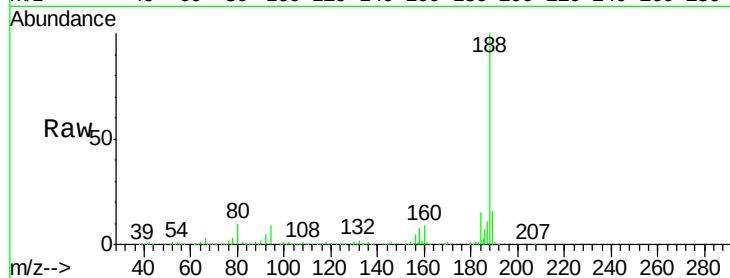
Tot Ion:188 Resp: 491234

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

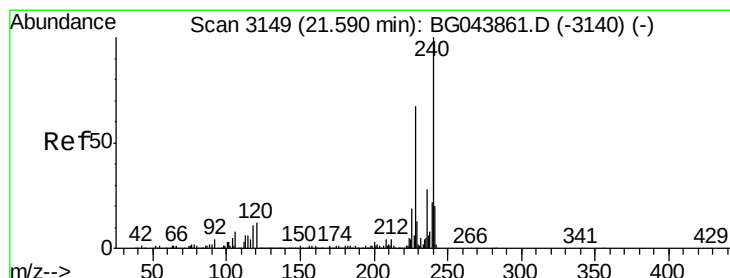
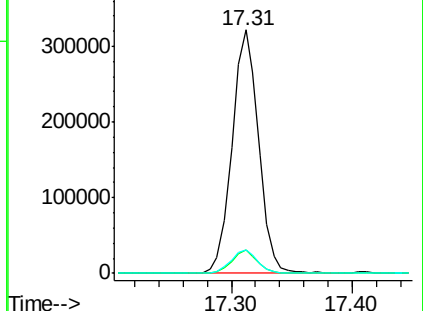
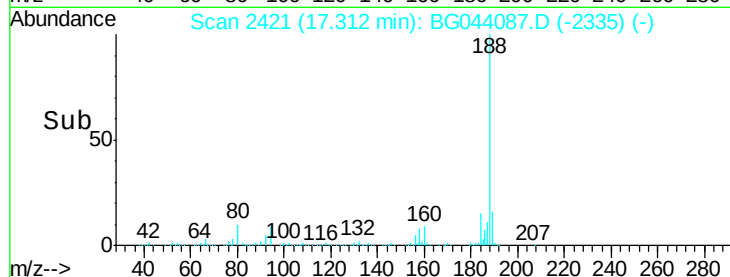
80 9.6 8.2 12.4



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: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044087.D

Acq: 17 Jan 2020 23:13

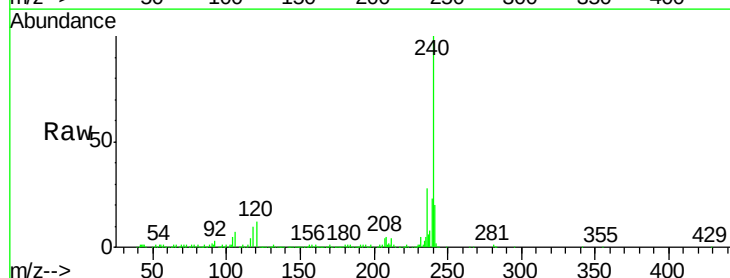
Tgt Ion:240 Resp: 407719

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

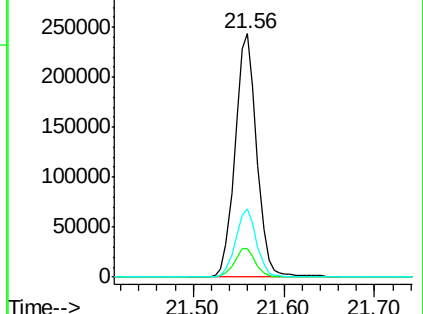
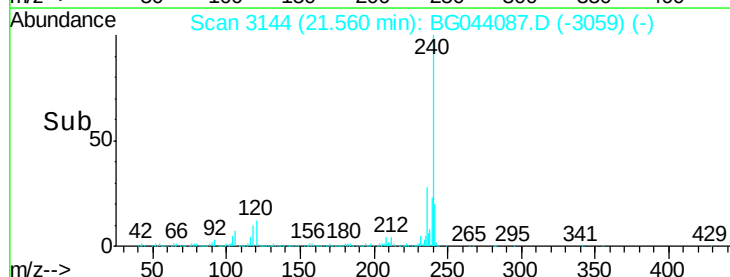
236 28.3 22.2 33.2

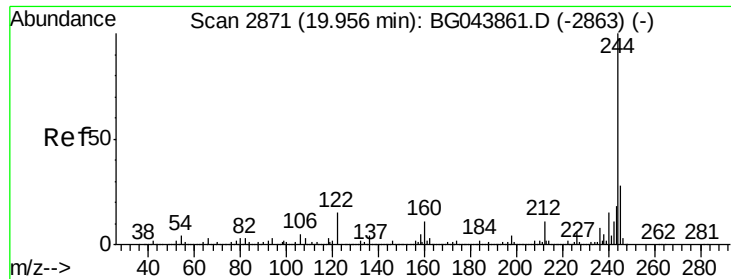


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 122.303 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044087.D

Acq: 17 Jan 2020 23:13

Instrument :

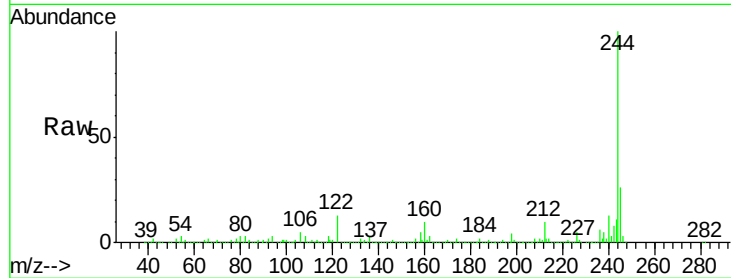
BNA_G

ClientSampleId :

MH-109-(SETTLED)

Tot Ion:244 Resp: 1855624

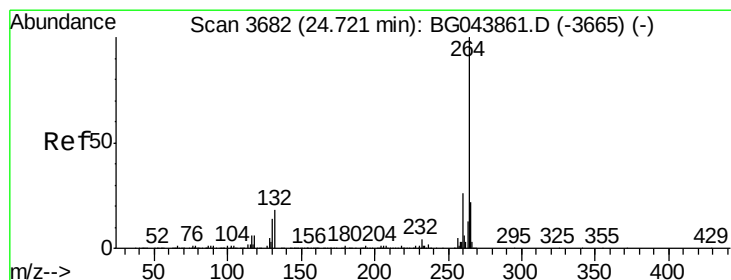
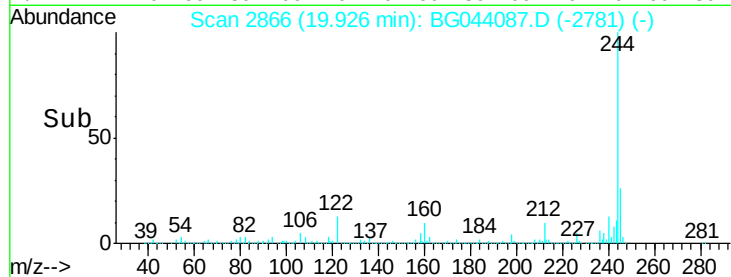
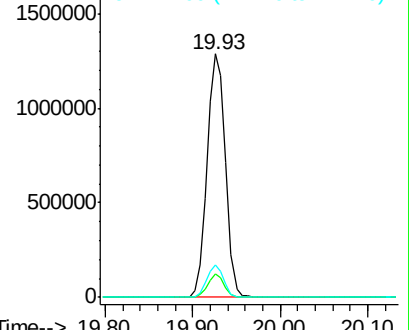
Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.6	13.0
122	13.2	11.9	17.9



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: 24.67 min Scan# 3673

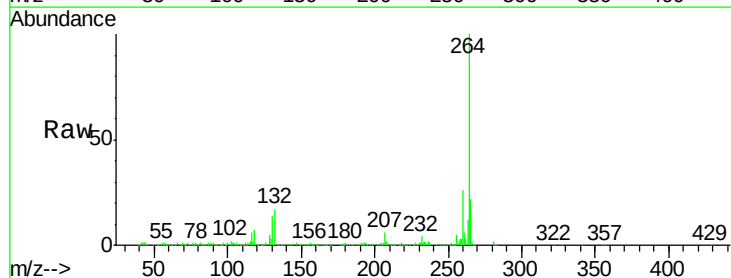
Delta R.T. -0.05 min

Lab File: BG044087.D

Acq: 17 Jan 2020 23:13

Tgt Ion:264 Resp: 460884

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.4	30.6
265	22.3	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

