

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043931.D
 Acq On : 6 Jan 2020 14:44
 Operator : JU
 Sample : PB125814BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125814BL

Quant Time: Jan 07 06:03:42 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

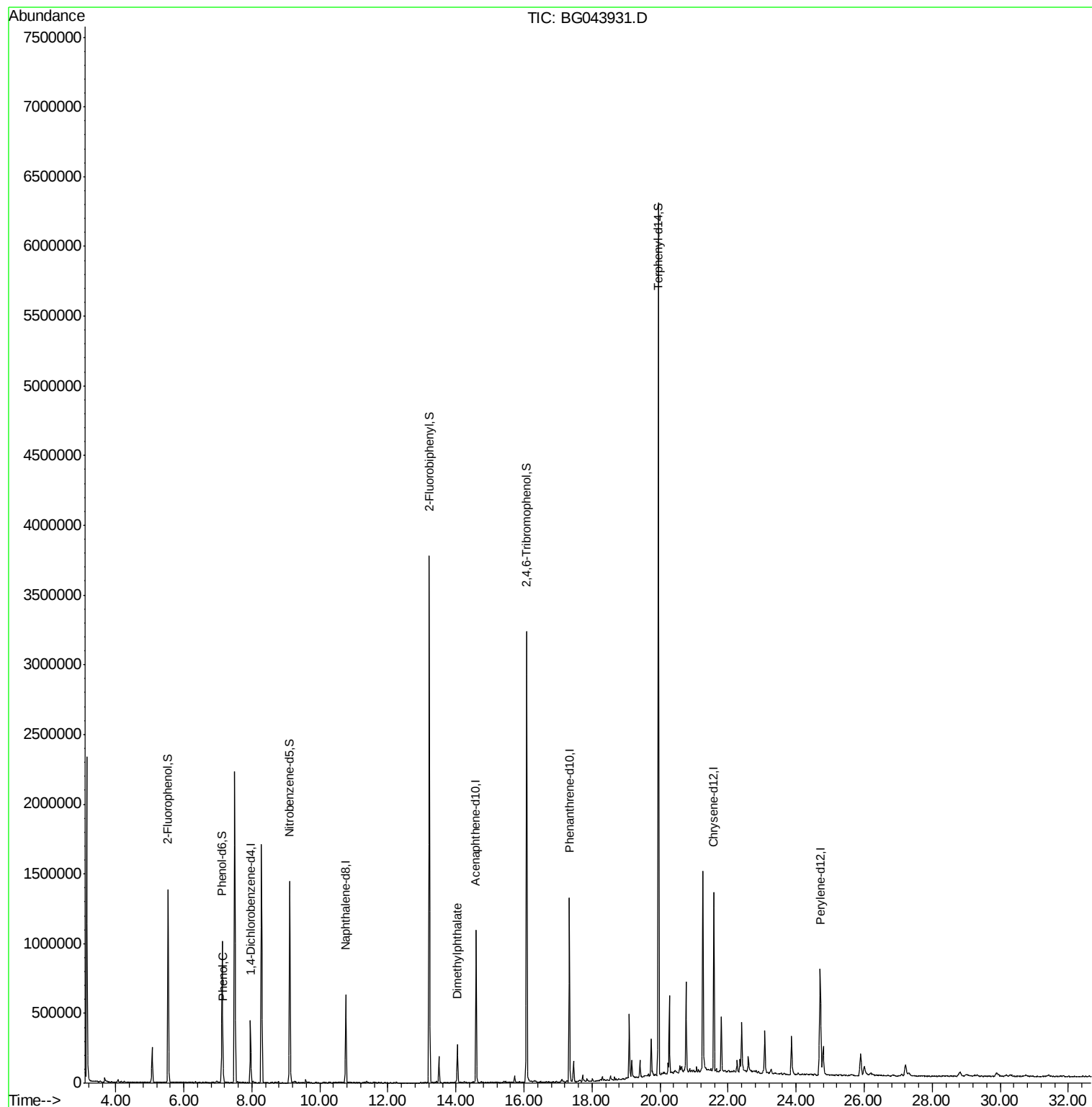
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	127798	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	563101	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	380351	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	810298	20.00	ng	0.00
76) Chrysene-d12	21.58	240	683031	20.00	ng	0.00
87) Perylene-d12	24.71	264	773616	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	660899	94.95	ng	0.00
7) Phenol-d6	7.13	99	621056	63.83	ng	0.00
23) Nitrobenzene-d5	9.11	82	893536	84.89	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	560575	140.84	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1925673	91.73	ng	0.00
79) Terphenyl-d14	19.95	244	2602126	94.56	ng	0.00
Target Compounds						
10) Phenol	7.15	94	56265	5.613	ng	96
50) Dimethylphthalate	14.04	163	191013	7.073	ng	96

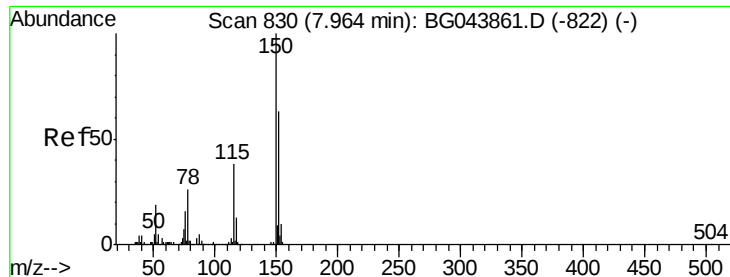
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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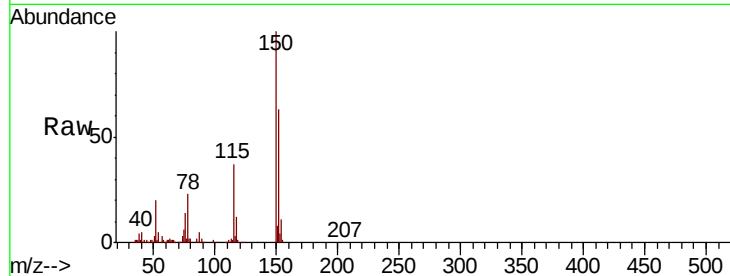


#1

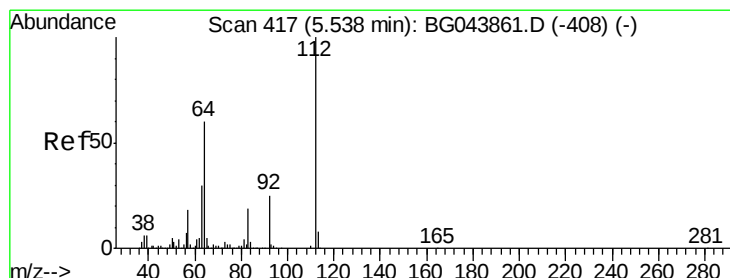
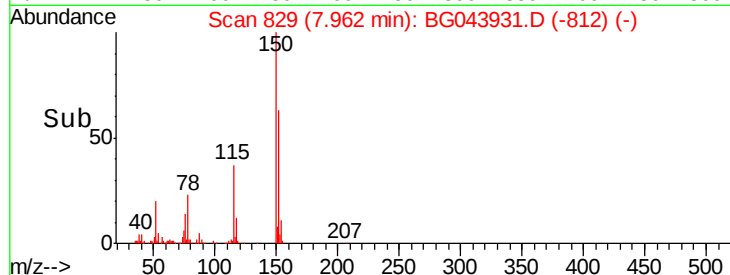
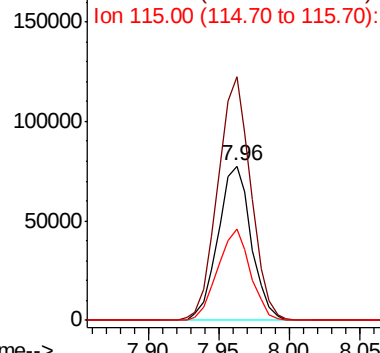
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tot Ion:152 Resp: 127798
Ion Ratio Lower Upper
152 100
150 158.0 127.0 190.4
115 58.9 47.8 71.8



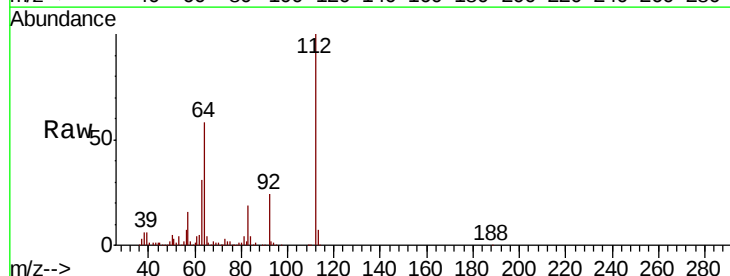
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



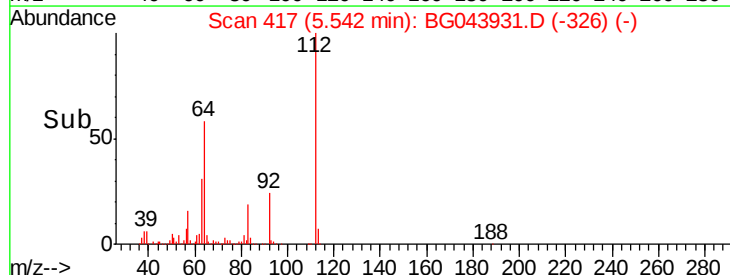
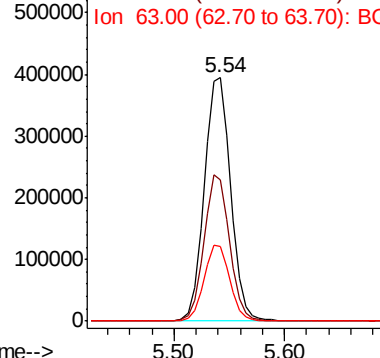
#5

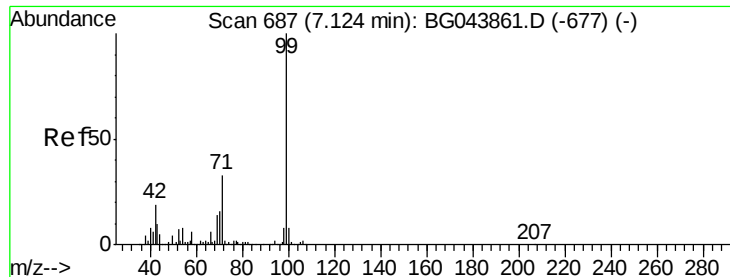
2-Fluorophenol
Concen: 94.954 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Tgt Ion:112 Resp: 660899
Ion Ratio Lower Upper
112 100
64 58.1 47.8 71.6
63 30.9 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: 63.835 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043931.D

Acq: 6 Jan 2020 14:44

Instrument :

BNA_G

ClientSampleId :

PB125814BL

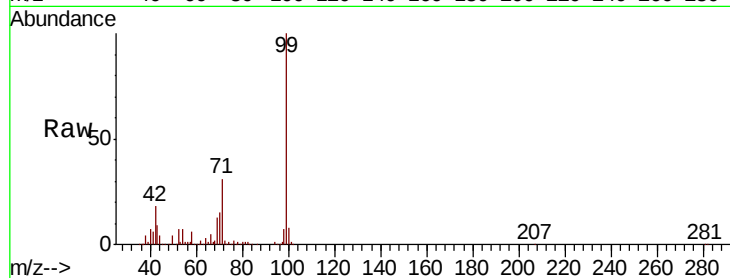
Tot Ion: 99 Resp: 621056

Ion Ratio Lower Upper

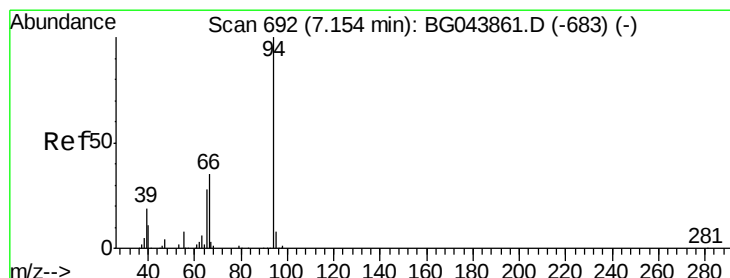
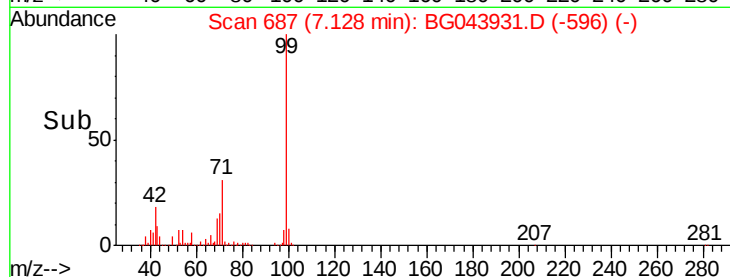
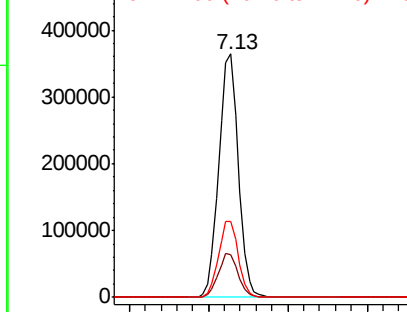
99 100

42 17.6 14.9 22.3

71 30.9 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: 5.613 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043931.D

Acq: 6 Jan 2020 14:44

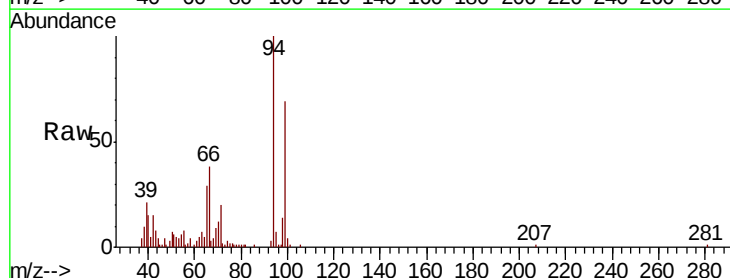
Tgt Ion: 94 Resp: 56265

Ion Ratio Lower Upper

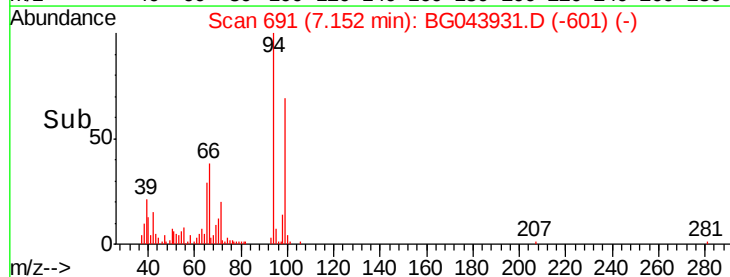
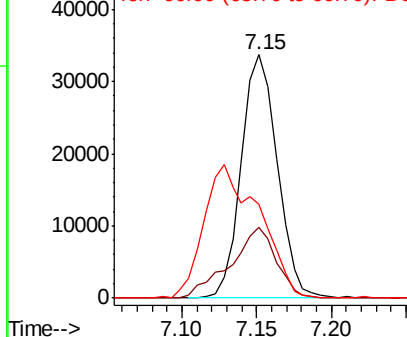
94 100

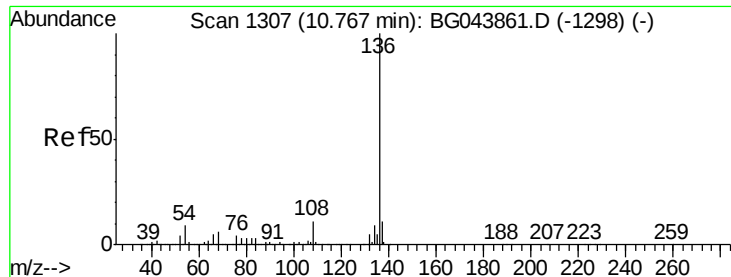
65 29.2 8.1 48.1

66 38.3 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: 10.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG043931.D

Acq: 6 Jan 2020 14:44

Instrument :

BNA_G

ClientSampleId :

PB125814BL

Tot Ion:136 Resp: 563101

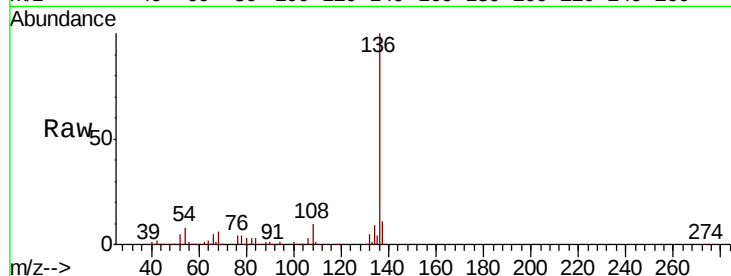
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.1 7.0 10.4

68 5.7 4.9 7.3

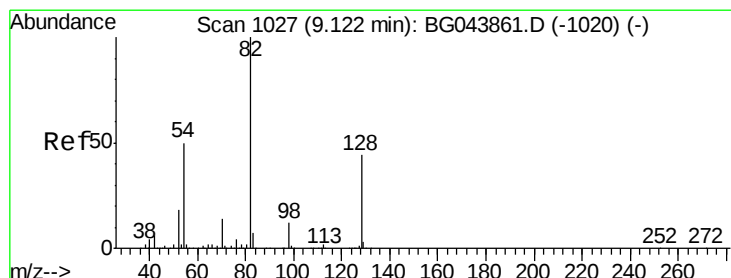
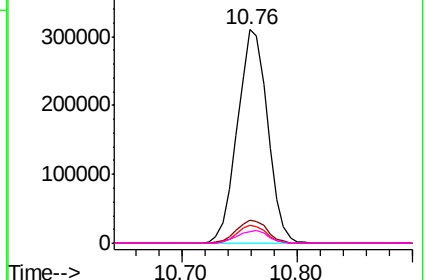
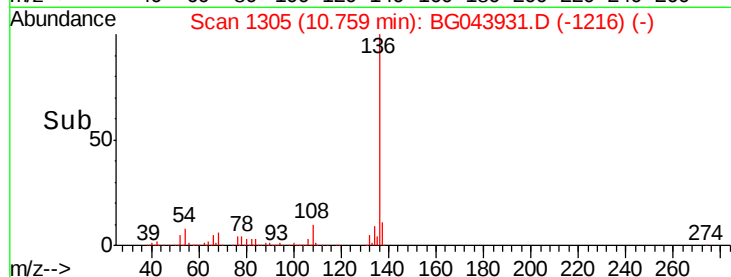


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.888 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG043931.D

Acq: 6 Jan 2020 14:44

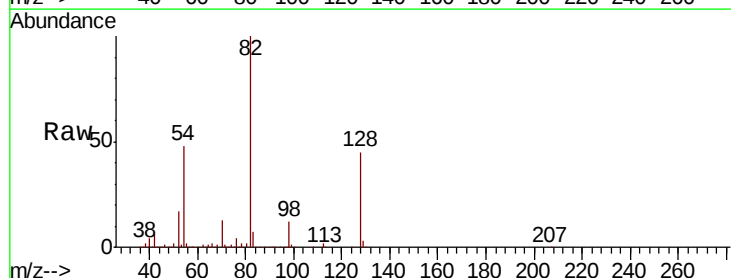
Tgt Ion: 82 Resp: 893536

Ion Ratio Lower Upper

82 100

128 44.6 35.1 52.7

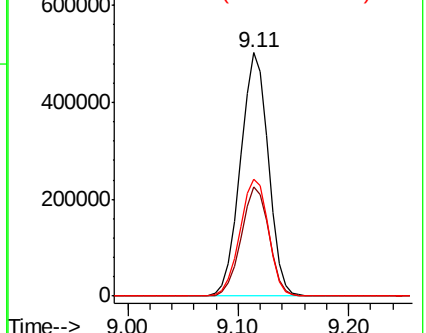
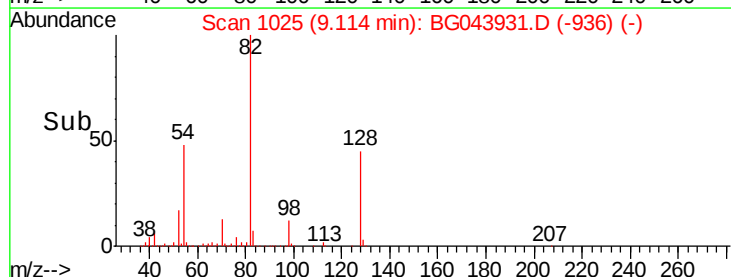
54 48.2 40.1 60.1

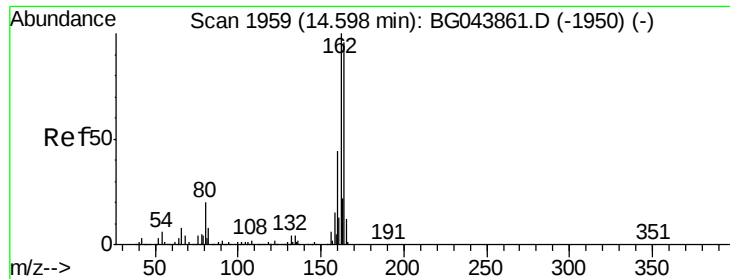


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043931.D

Acq: 6 Jan 2020 14:44

Instrument :

BNA_G

ClientSampleId :

PB125814BL

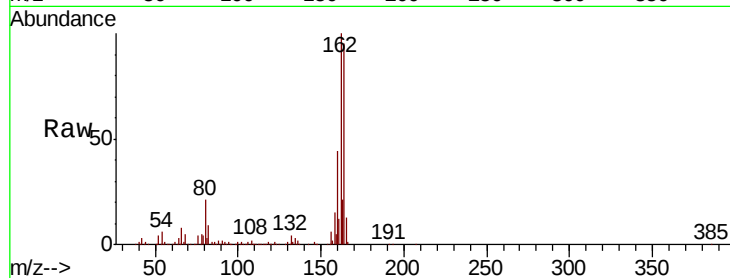
Tot Ion:164 Resp: 380351

Ion Ratio Lower Upper

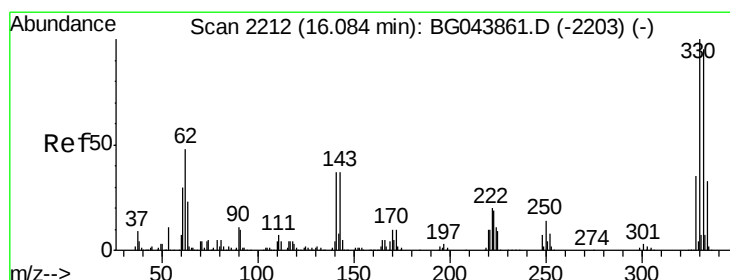
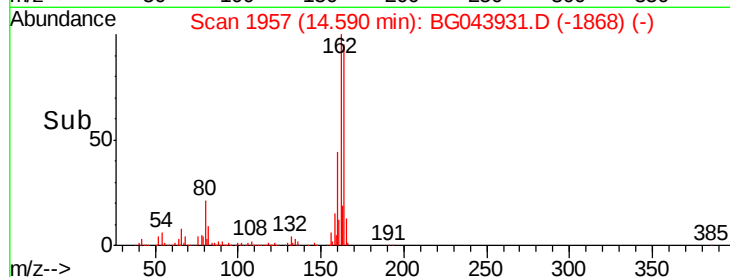
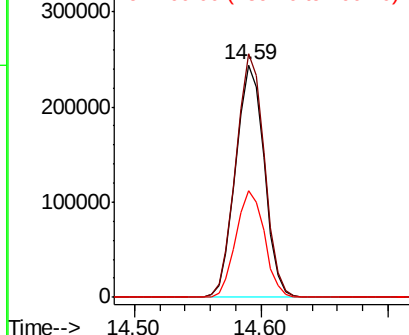
164 100

162 104.8 83.0 124.4

160 45.8 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: 140.838 ng

RT: 16.08 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG043931.D

Acq: 6 Jan 2020 14:44

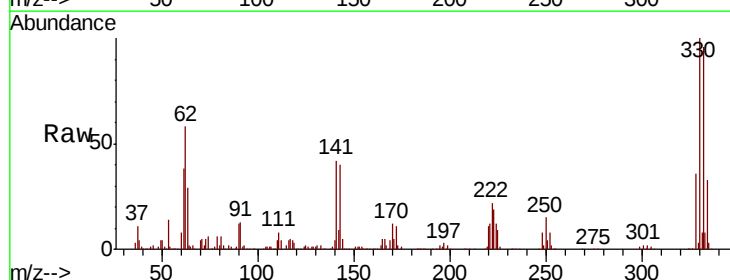
Tgt Ion:330 Resp: 560575

Ion Ratio Lower Upper

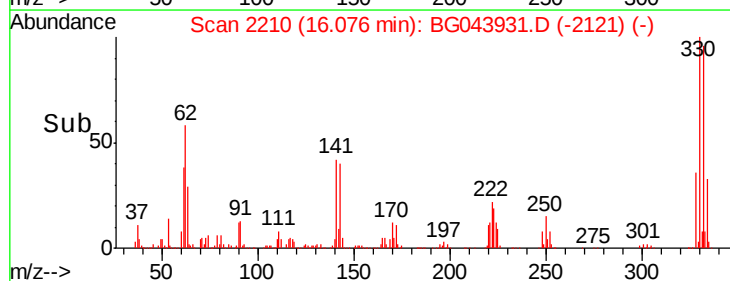
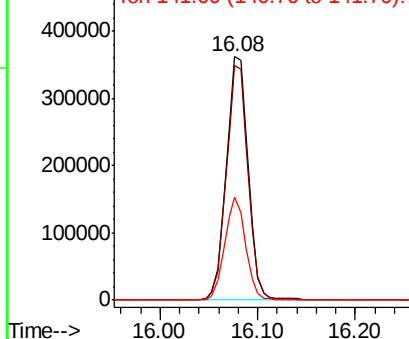
330 100

332 96.0 77.2 115.8

141 40.2 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

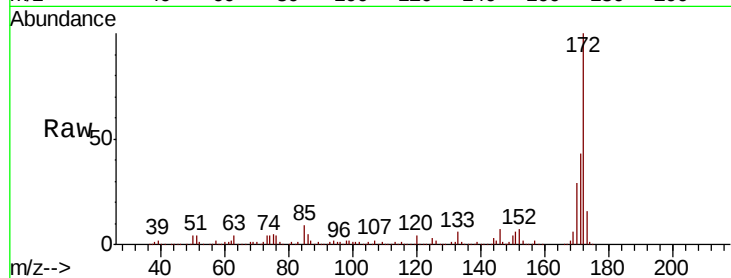




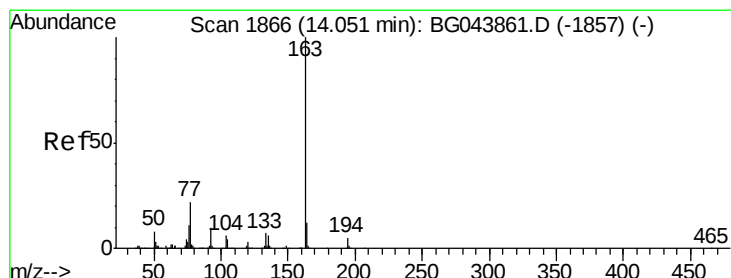
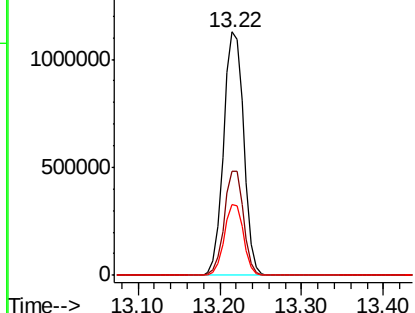
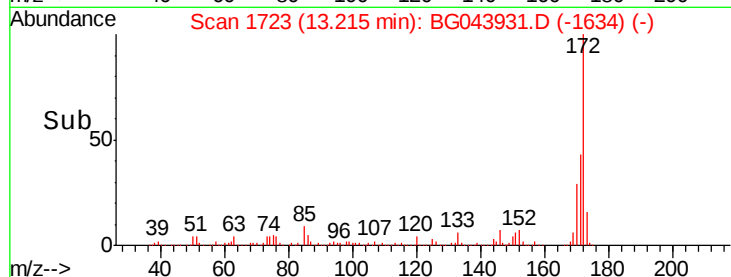
#45
2-Fluorobiphenyl
Concen: 91.728 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Instrument :
BNA_G
ClientSampled :
PB125814BL

Tot Ion:172 Resp: 1925673
Ion Ratio Lower Upper
172 100
171 43.0 35.8 53.8
170 29.2 24.2 36.4

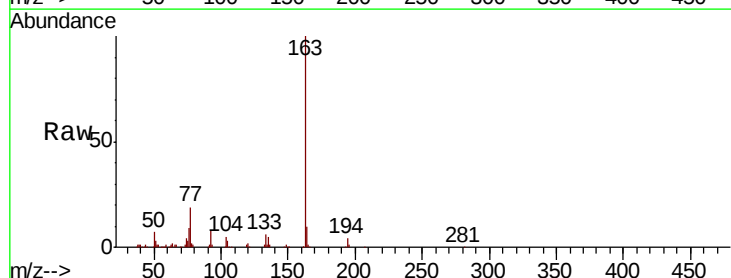


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

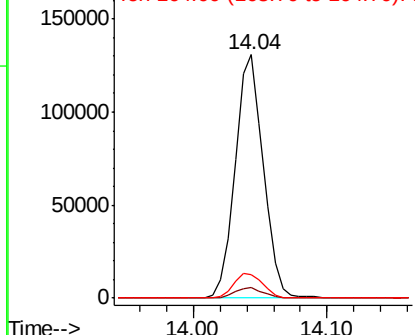
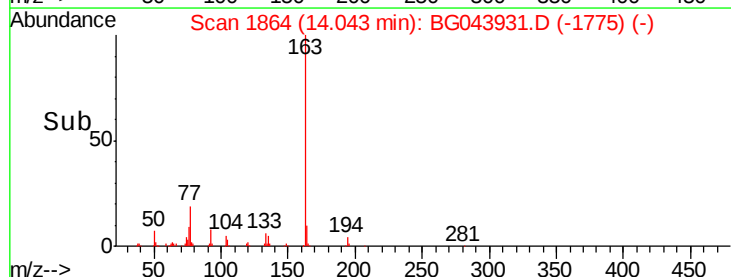


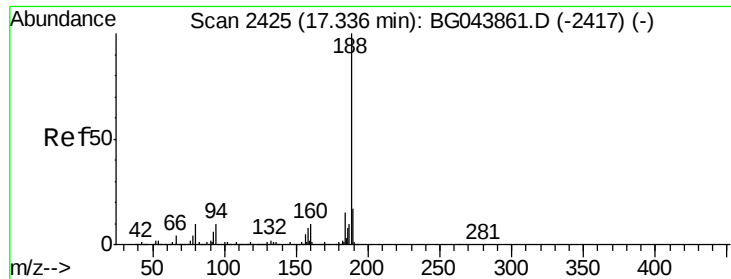
#50
Dimethylphthalate
Concen: 7.073 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Tgt Ion:163 Resp: 191013
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 9.7 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG043931.D

Acq: 6 Jan 2020 14:44

Instrument :

BNA_G

ClientSampleId :

PB125814BL

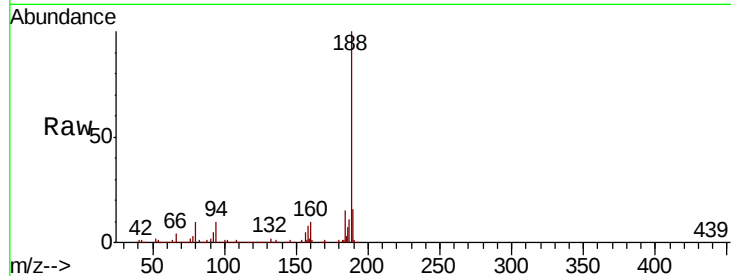
Tot Ion:188 Resp: 810298

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

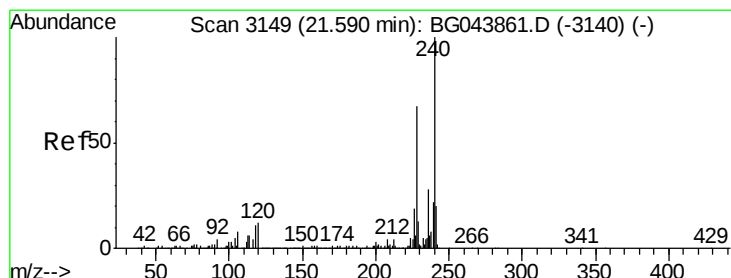
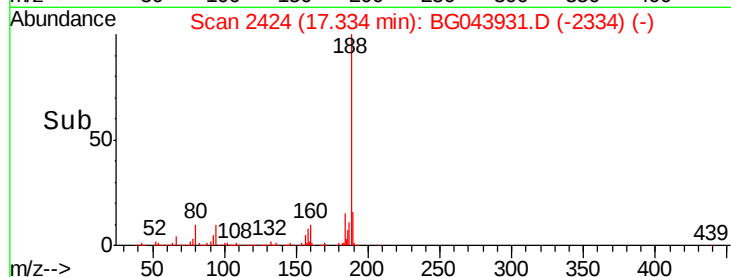
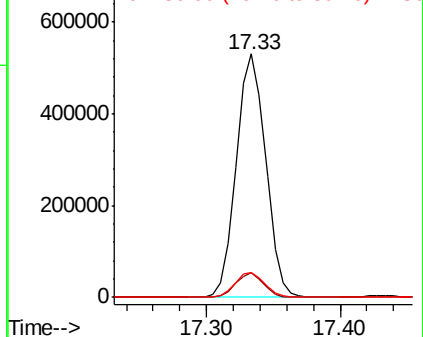
80 10.2 8.2 12.4



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: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG043931.D

Acq: 6 Jan 2020 14:44

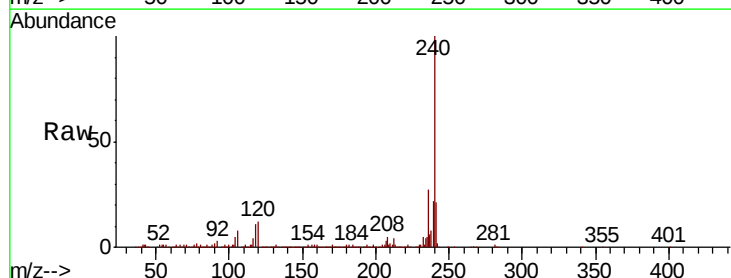
Tgt Ion:240 Resp: 683031

Ion Ratio Lower Upper

240 100

120 11.7 9.6 14.4

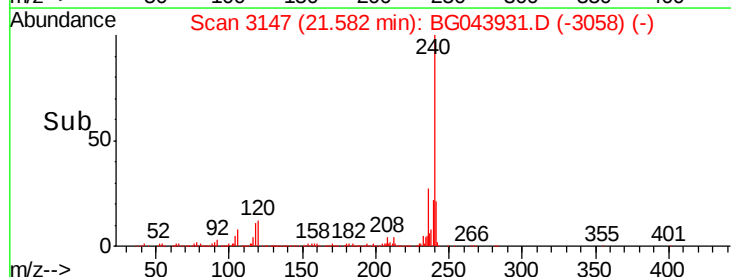
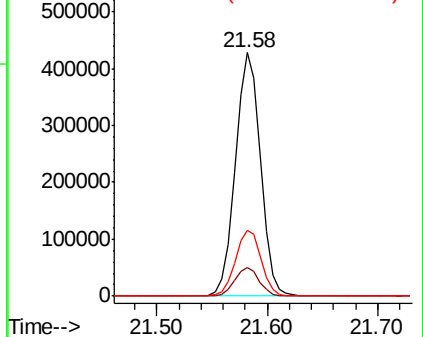
236 27.2 22.2 33.2

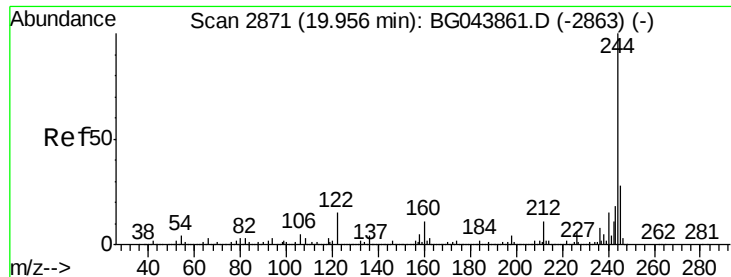


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.560 ng

RT: 19.95 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043931.D

Acq: 6 Jan 2020 14:44

Instrument :

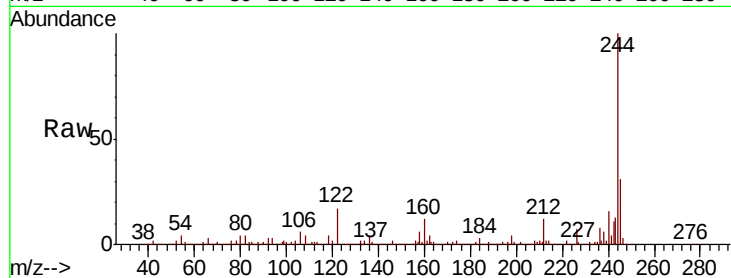
BNA_G

ClientSampleId :

PB125814BL

Tot Ion:244 Resp: 2602126

Ion	Ratio	Lower	Upper
244	100		
212	11.8	8.6	13.0
122	16.9	11.9	17.9

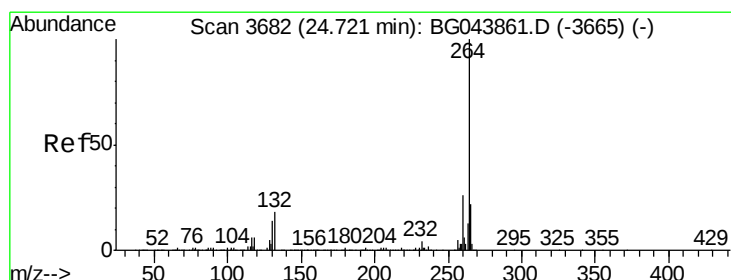
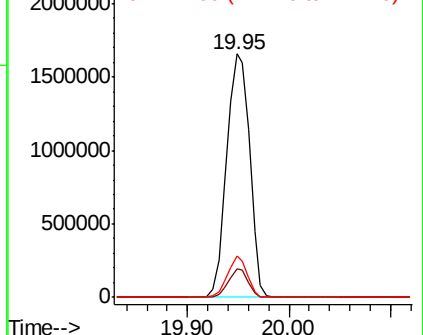
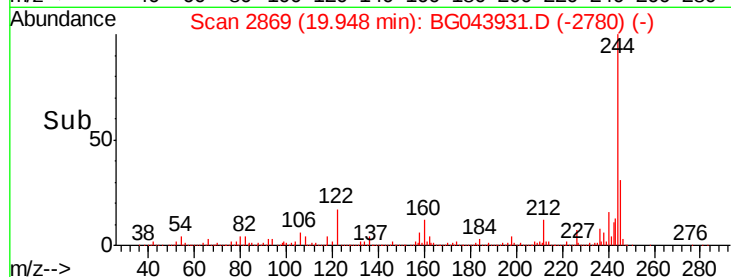


Abundance

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: 24.71 min Scan# 3679

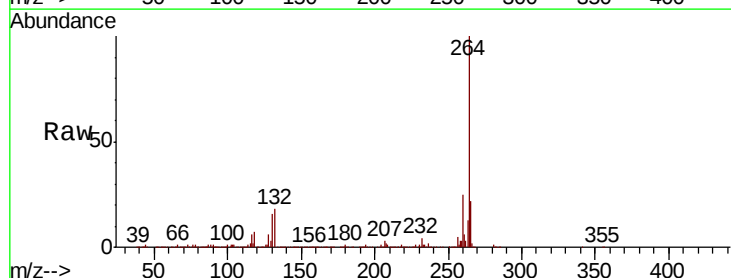
Delta R.T. -0.01 min

Lab File: BG043931.D

Acq: 6 Jan 2020 14:44

Tgt Ion:264 Resp: 773616

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	21.7	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

