

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043897.D
 Acq On : 3 Jan 2020 21:13
 Operator : JU
 Sample : K6464-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-2

Quant Time: Jan 04 04:59:28 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

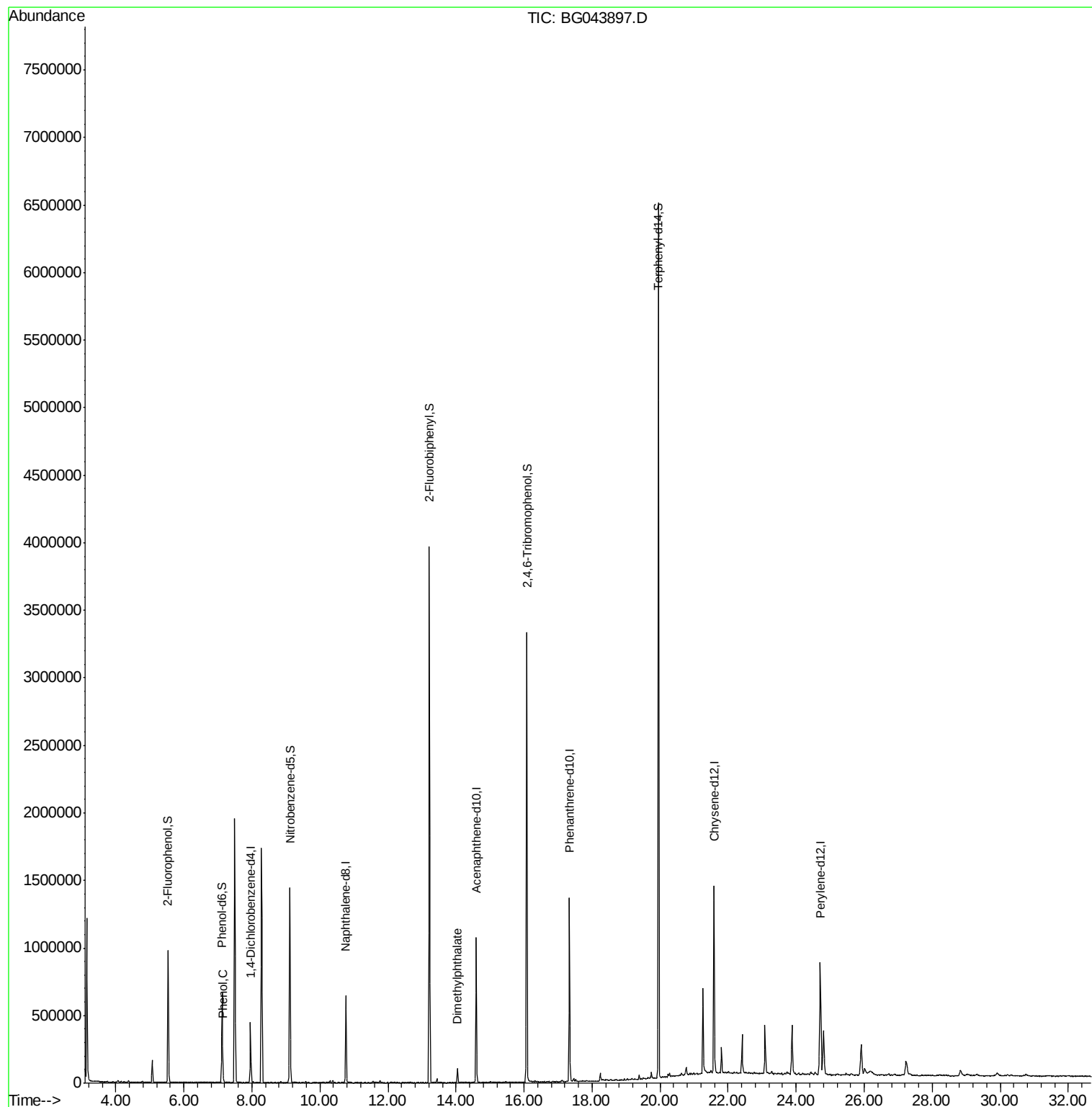
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	126665	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	559926	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	380321	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	831403	20.00	ng	0.00
76) Chrysene-d12	21.59	240	726898	20.00	ng	0.00
87) Perylene-d12	24.71	264	822189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	464351	67.31	ng	0.00
7) Phenol-d6	7.12	99	417811	43.33	ng	0.00
23) Nitrobenzene-d5	9.12	82	917613	87.67	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	587387	147.59	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1934278	92.14	ng	0.00
79) Terphenyl-d14	19.95	244	2690259	90.85	ng	0.00
Target Compounds						
10) Phenol	7.15	94	30965	3.117	ng	99
50) Dimethylphthalate	14.04	163	73073	2.706	ng	99

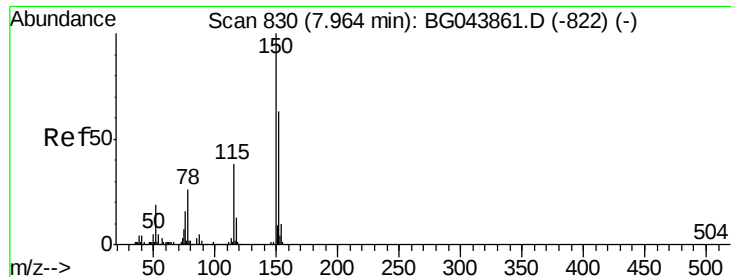
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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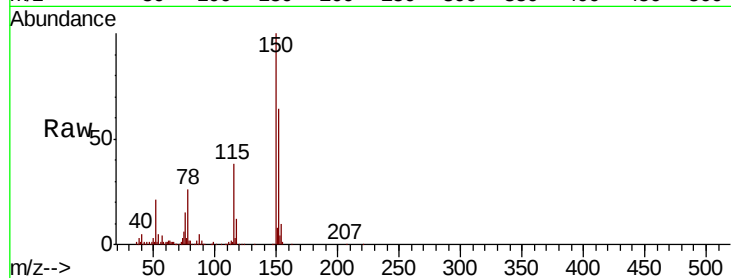


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043897.D
Acq: 3 Jan 2020 21:13

Instrument :
BNA_G
ClientSampleId :
GW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.0	190.4
115	60.2	47.8	71.8

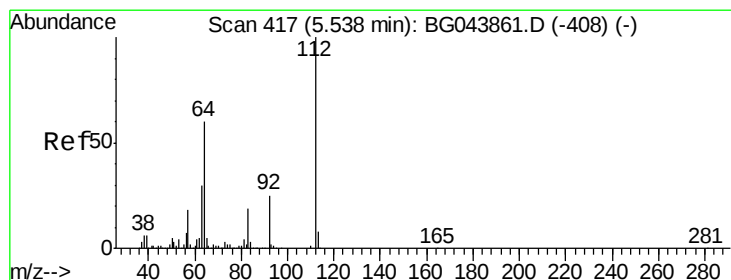
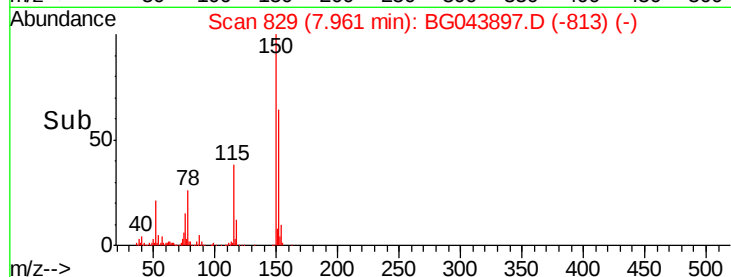
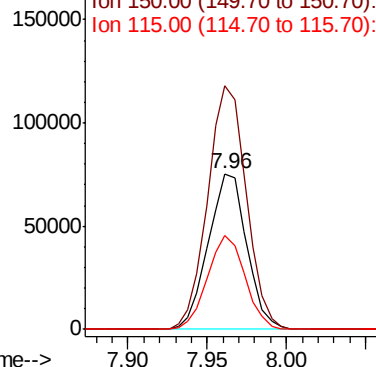


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

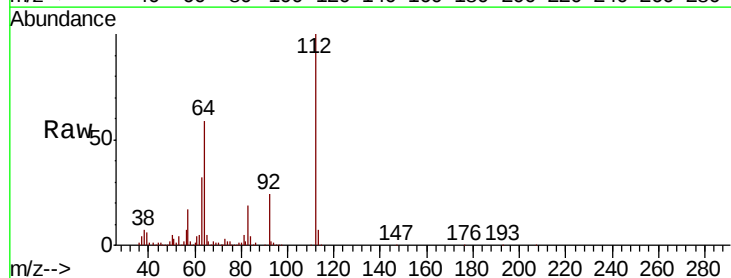
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 67.312 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG043897.D
Acq: 3 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.8	71.6
63	31.7	24.3	36.5

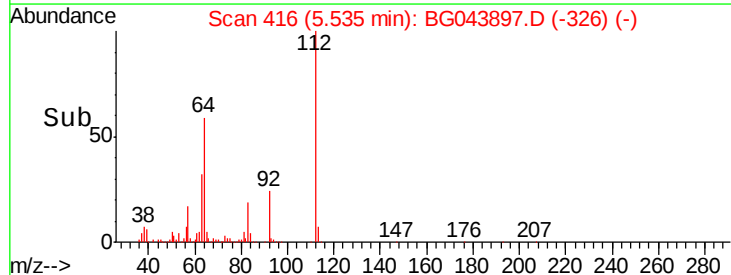
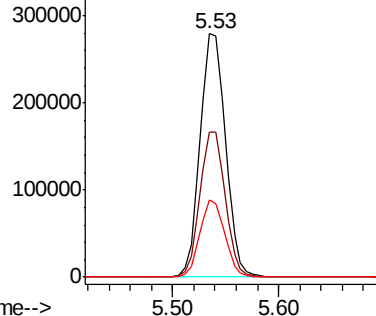


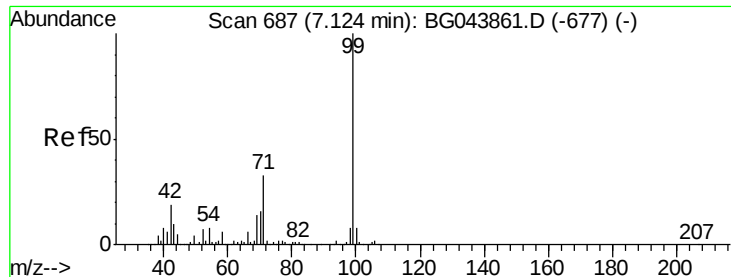
Abundance

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: 43.329 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG043897.D

Acq: 3 Jan 2020 21:13

Instrument :

BNA_G

ClientSampleId :

GW-2

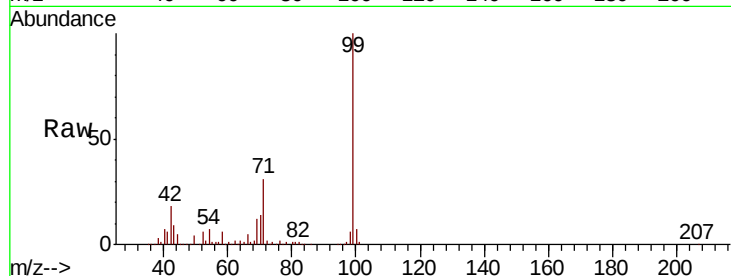
Tot Ion: 99 Resp: 417811

Ion Ratio Lower Upper

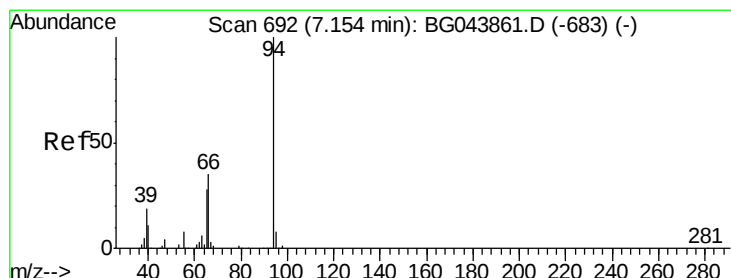
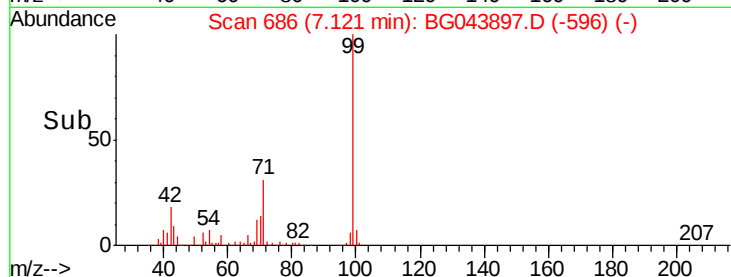
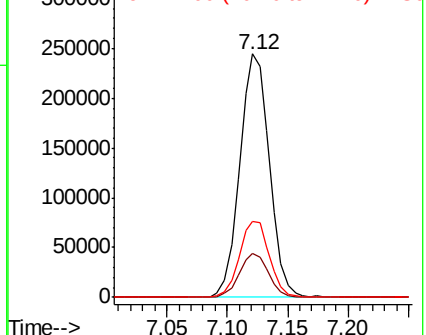
99 100

42 18.1 14.9 22.3

71 31.1 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: 3.117 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043897.D

Acq: 3 Jan 2020 21:13

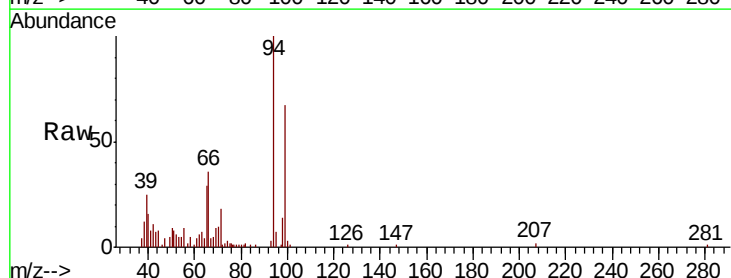
Tgt Ion: 94 Resp: 30965

Ion Ratio Lower Upper

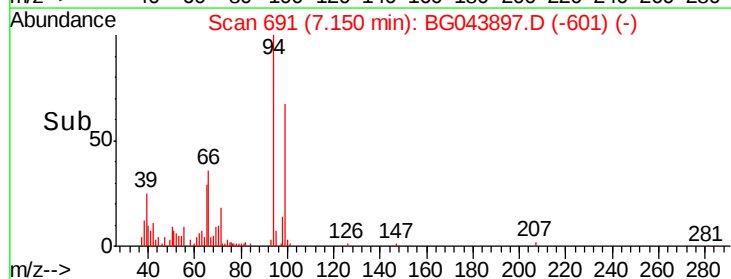
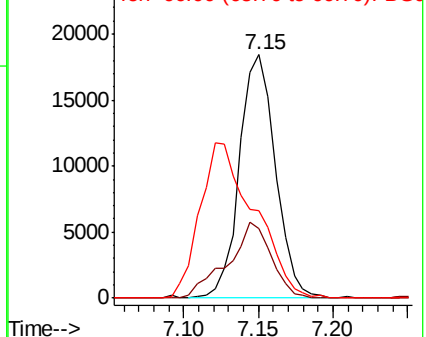
94 100

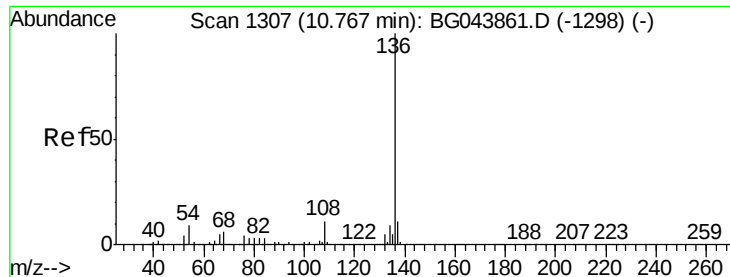
65 28.8 8.1 48.1

66 36.1 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: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG043897.D

Acq: 3 Jan 2020 21:13

Instrument :

BNA_G

ClientSampleId :

GW-2

Tot Ion:136 Resp: 559926

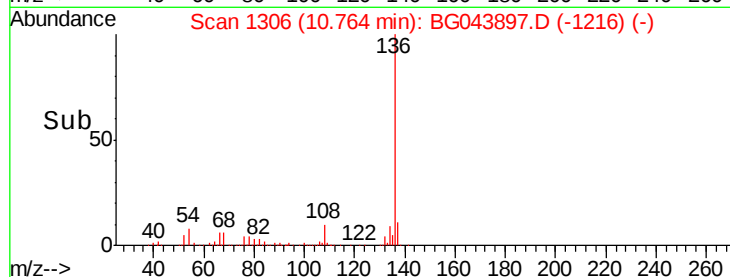
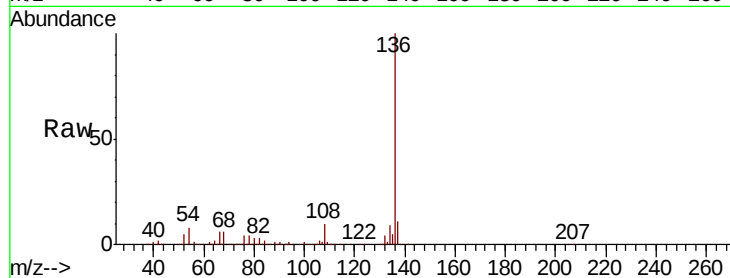
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 7.0 10.4

68 6.4 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

Time-->

10.76

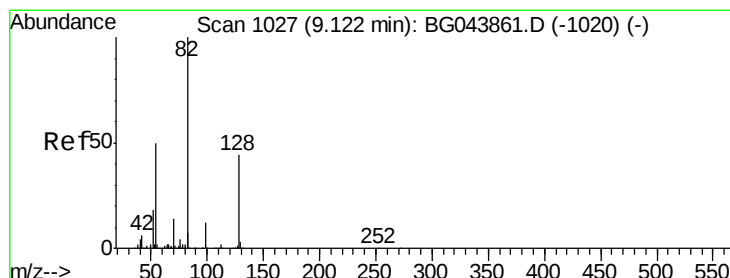
300000

200000

100000

0

10.70 10.80



#23

Nitrobenzene-d5

Concen: 87.670 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043897.D

Acq: 3 Jan 2020 21:13

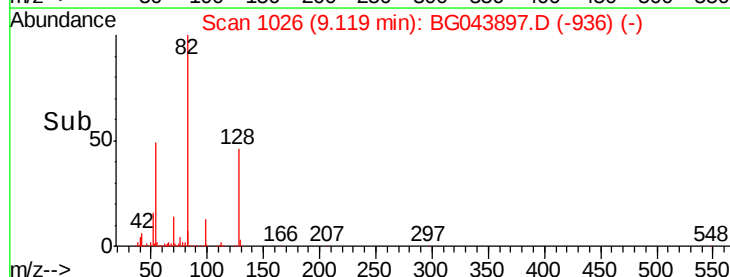
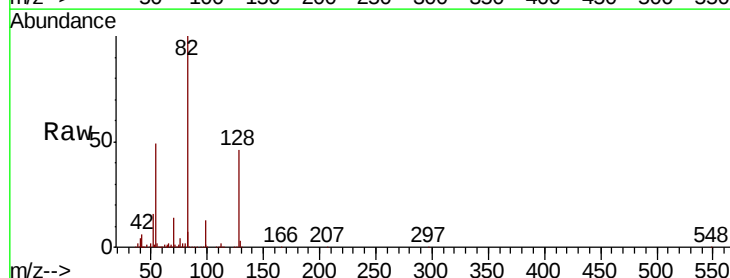
Tgt Ion: 82 Resp: 917613

Ion Ratio Lower Upper

82 100

128 45.9 35.1 52.7

54 49.1 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

Time-->

9.12

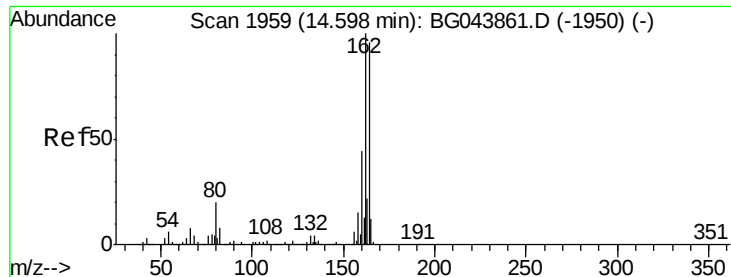
600000

400000

200000

0

9.00 9.10 9.20



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043897.D

Acq: 3 Jan 2020 21:13

Instrument :

BNA_G

ClientSampleId :

GW-2

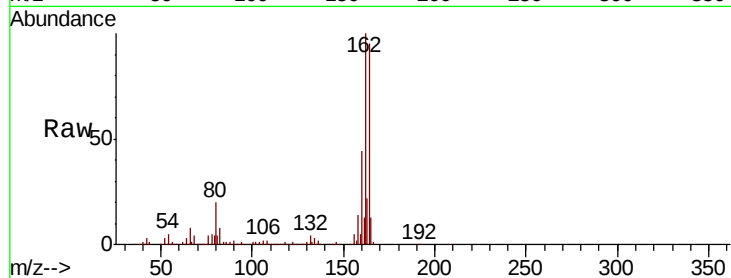
Tot Ion:164 Resp: 380321

Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.4

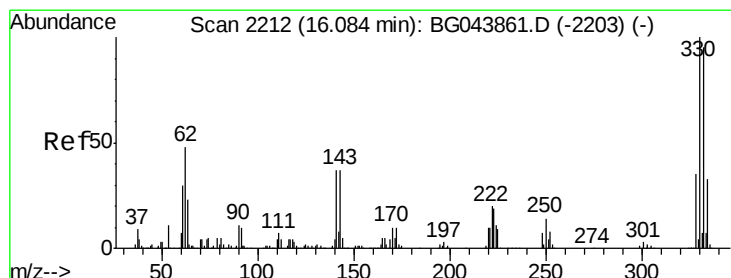
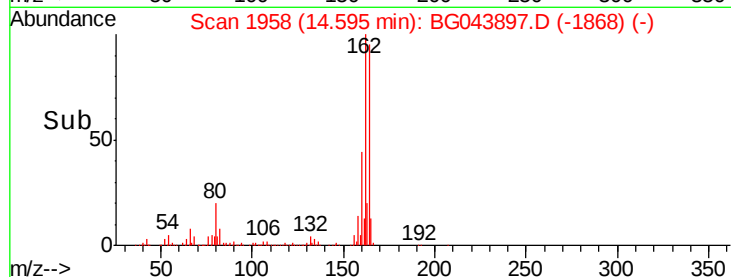
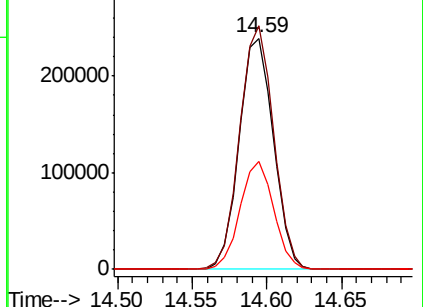
160 46.8 36.1 54.1



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: 147.585 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043897.D

Acq: 3 Jan 2020 21:13

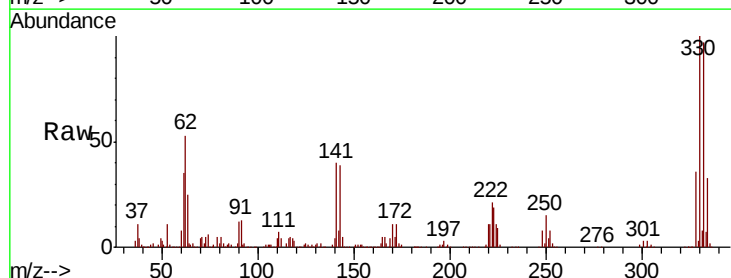
Tgt Ion:330 Resp: 587387

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

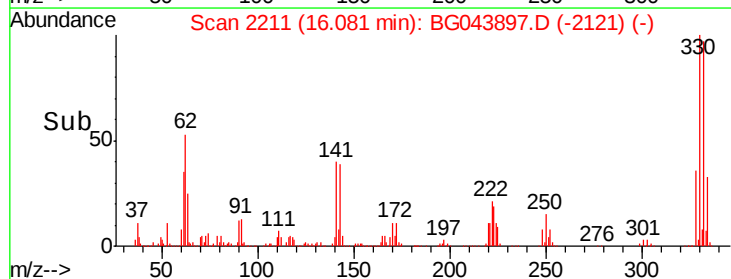
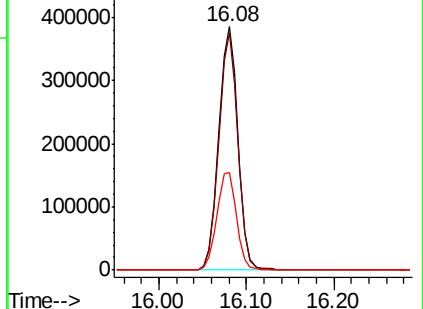
141 41.3 33.1 49.7

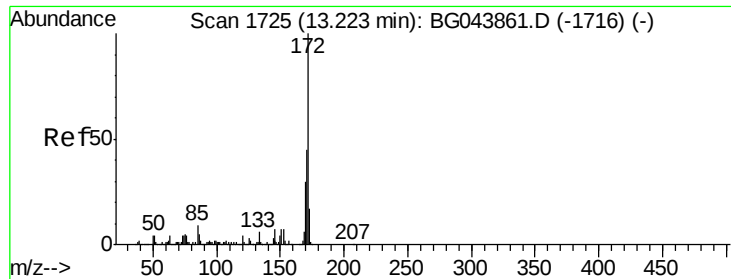


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

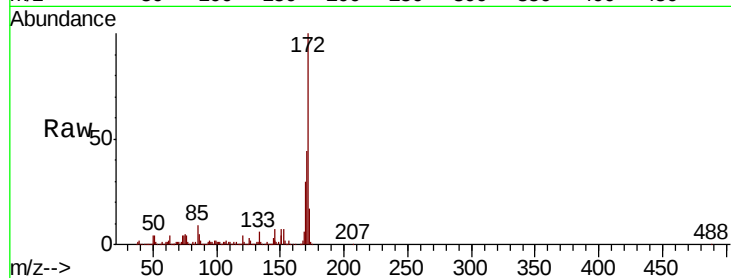




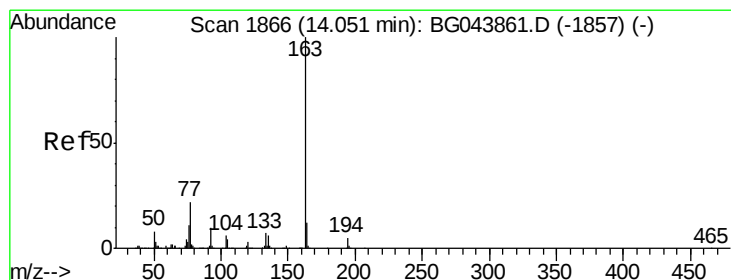
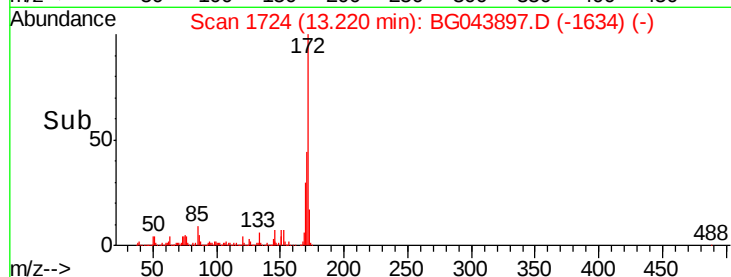
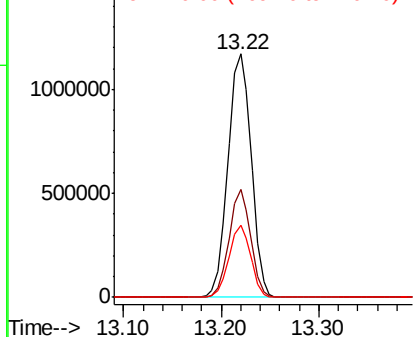
#45
2-Fluorobiphenyl
Concen: 92.145 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043897.D
Acq: 3 Jan 2020 21:13

Instrument :
BNA_G
ClientSampleId :
GW-2

Tot Ion:172 Resp: 1934278
Ion Ratio Lower Upper
172 100
171 44.2 35.8 53.8
170 29.9 24.2 36.4

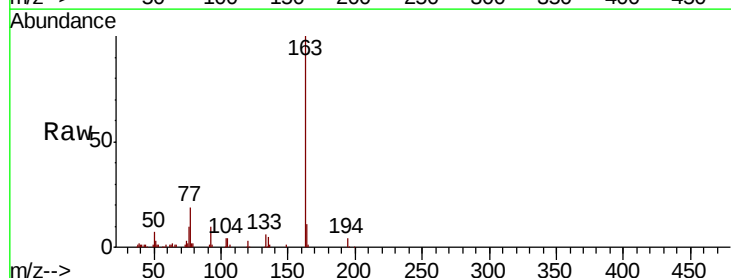


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

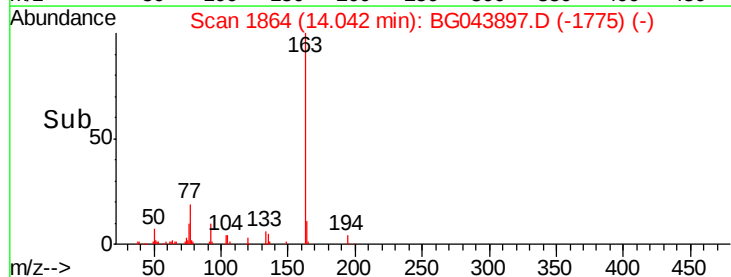
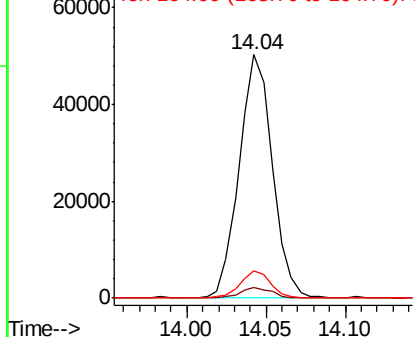


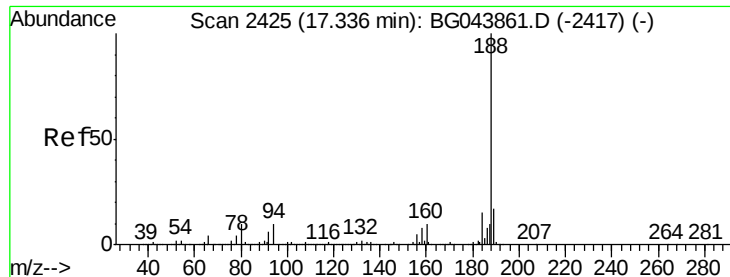
#50
Dimethylphthalate
Concen: 2.706 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG043897.D
Acq: 3 Jan 2020 21:13

Tgt Ion:163 Resp: 73073
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 11.0 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

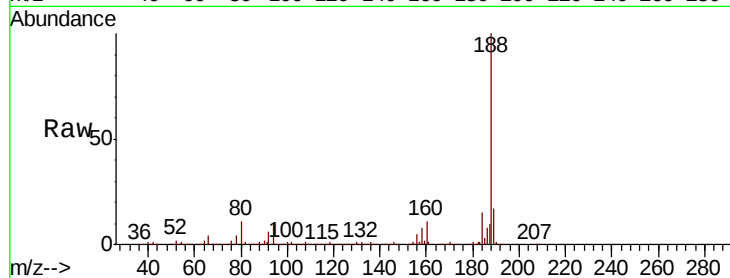




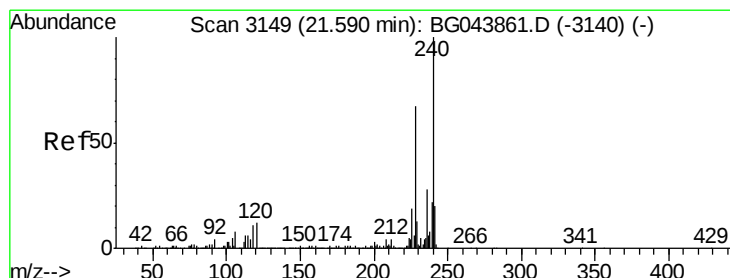
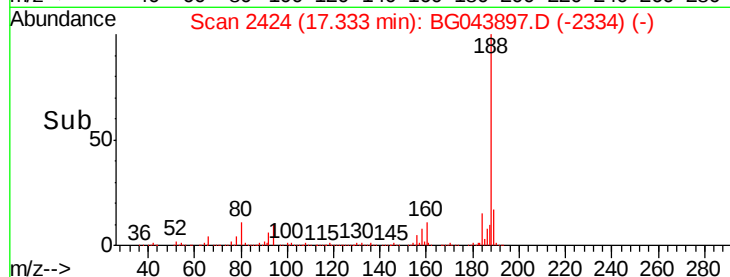
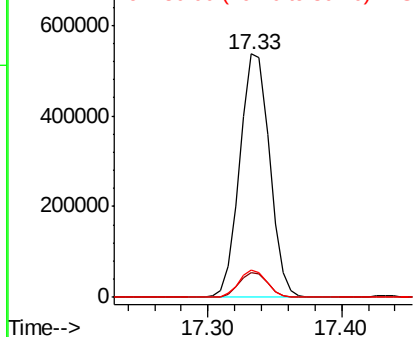
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG043897.D
Acq: 3 Jan 2020 21:13

Instrument :
BNA_G
ClientSampleId :
GW-2

Tot Ion:188 Resp: 831403
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.2 8.2 12.4

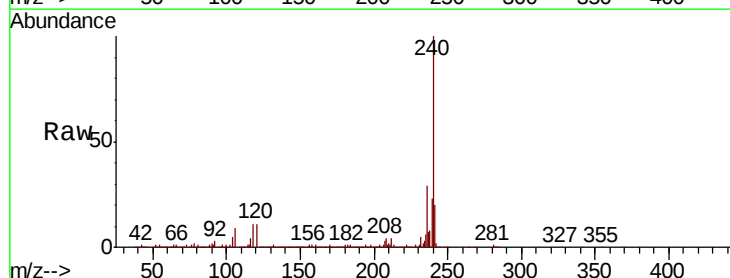


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

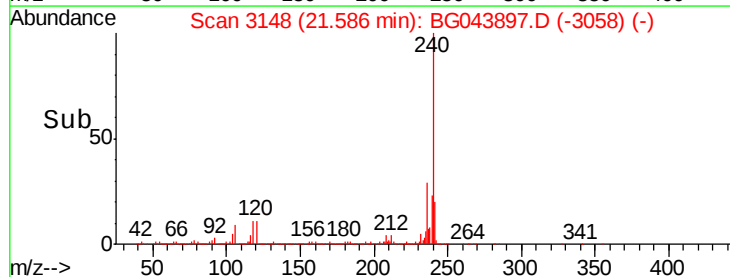
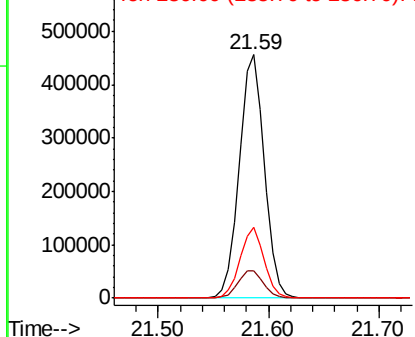


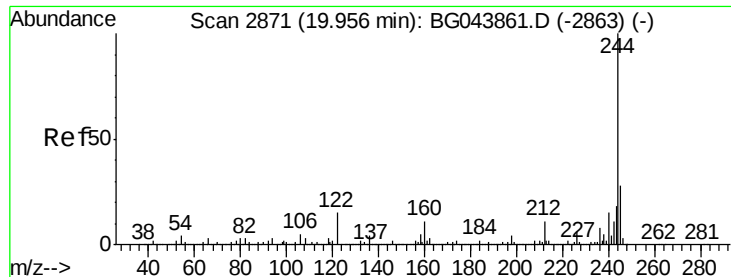
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG043897.D
Acq: 3 Jan 2020 21:13

Tgt Ion:240 Resp: 726898
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 29.1 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: 90.847 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043897.D

Acq: 3 Jan 2020 21:13

Instrument :

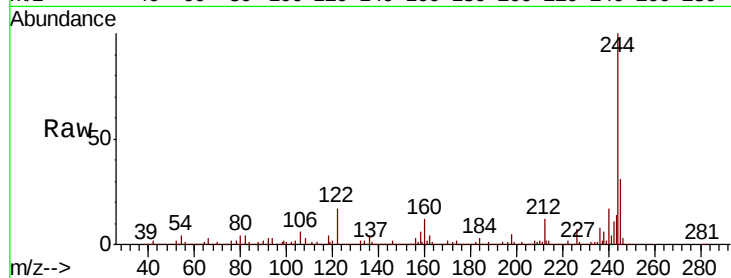
BNA_G

ClientSampleId :

GW-2

Tot Ion:244 Resp: 2690259

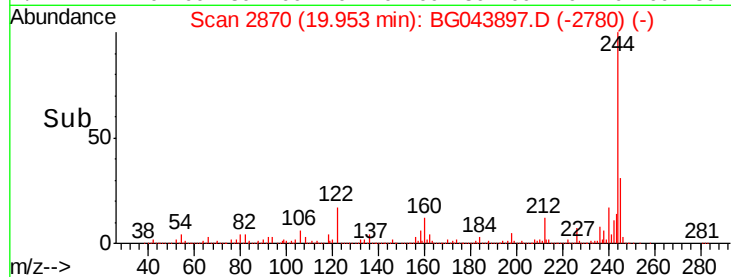
Ion	Ratio	Lower	Upper
244	100		
212	12.1	8.6	13.0
122	17.0	11.9	17.9



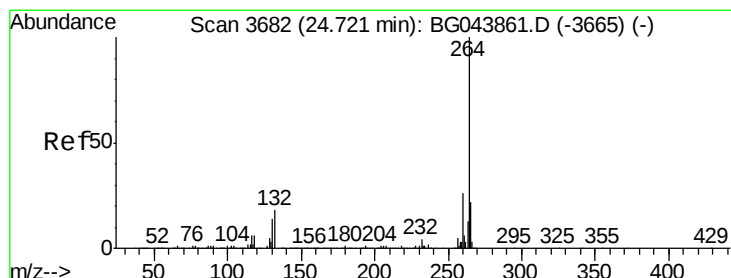
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

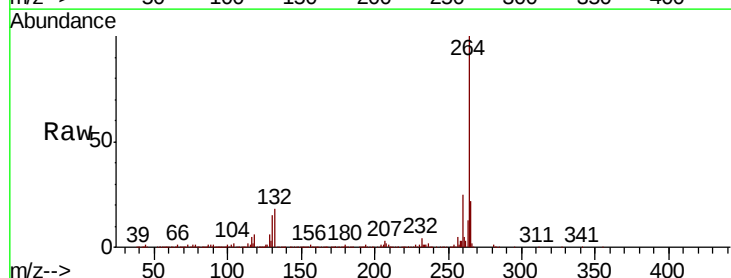
Delta R.T. -0.01 min

Lab File: BG043897.D

Acq: 3 Jan 2020 21:13

Tgt Ion:264 Resp: 822189

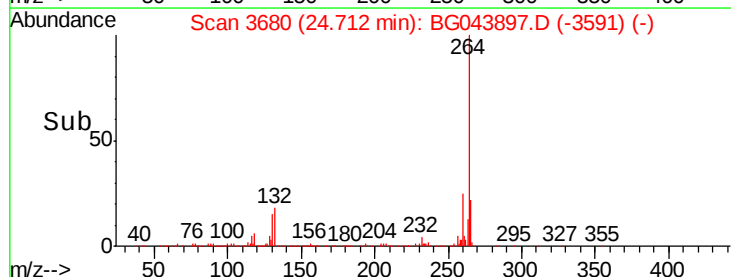
Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	22.1	17.4	26.2



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



Time-->