

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
 Data File : BG048195.D
 Acq On : 18 Feb 2021 14:43
 Operator : CG/JU
 Sample : M1408-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGNO

Manual Integrations
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Quant Time: Feb 19 05:15:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 18 12:52:13 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	169806	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	123062	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	285067	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	330185	20.00	ng/ul	0.00
86) Perylene-d12	25.05	264	328269	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	4407	4.30	ng/uL	0.00
5) Phenol-d5	7.30	99	28683	7.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	67766	31.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	69501	27.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	48050	17.01	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	41141	32.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	50796	33.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	88271	29.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	5224	1.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	307690	33.75	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	350920	31.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	11670	7.53	ng/ul	0.00
58) Fluorene-d10	15.73	176	269793	33.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	70295	40.22	ng/ul	0.00
71) Anthracene-d10	17.59	188	465738	38.11	ng/ul	0.00
79) Pyrene-d10	19.87	212	585537	35.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	628755	37.55	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	11.01	128	6018167	702.655	ng/ul#	64
34) 2-Methylnaphthalene	12.58	142	492928	75.716	ng/ul	97
40) 2,4,5-Trichlorophenol	13.27	196	6180	2.231	ng/ul	90
41) 1,1'-Biphenyl	13.57	154	150582	17.838	ng/ul	99
45) Dimethylphthalate	14.19	163	21439	2.275	ng/ul#	96
48) Acenaphthylene	14.47	152	42340	4.249	ng/ul#	93
50) Acenaphthene	14.81	153	336051	44.929	ng/ul	98
54) Dibenzofuran	15.14	168	455781	41.753	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.37	232	26599m	9.392	ng/ul	
59) Fluorene	15.79	166	233740	26.486	ng/ul	98
69) Pentachlorophenol	17.15	266	57088	28.625	ng/ul	92
70) Phenanthrene	17.53	178	283640	19.804	ng/ul	98
72) Anthracene	17.62	178	22624	1.566	ng/ul	97
75) Carbazole	17.90	167	1183705	97.967	ng/ul	99

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

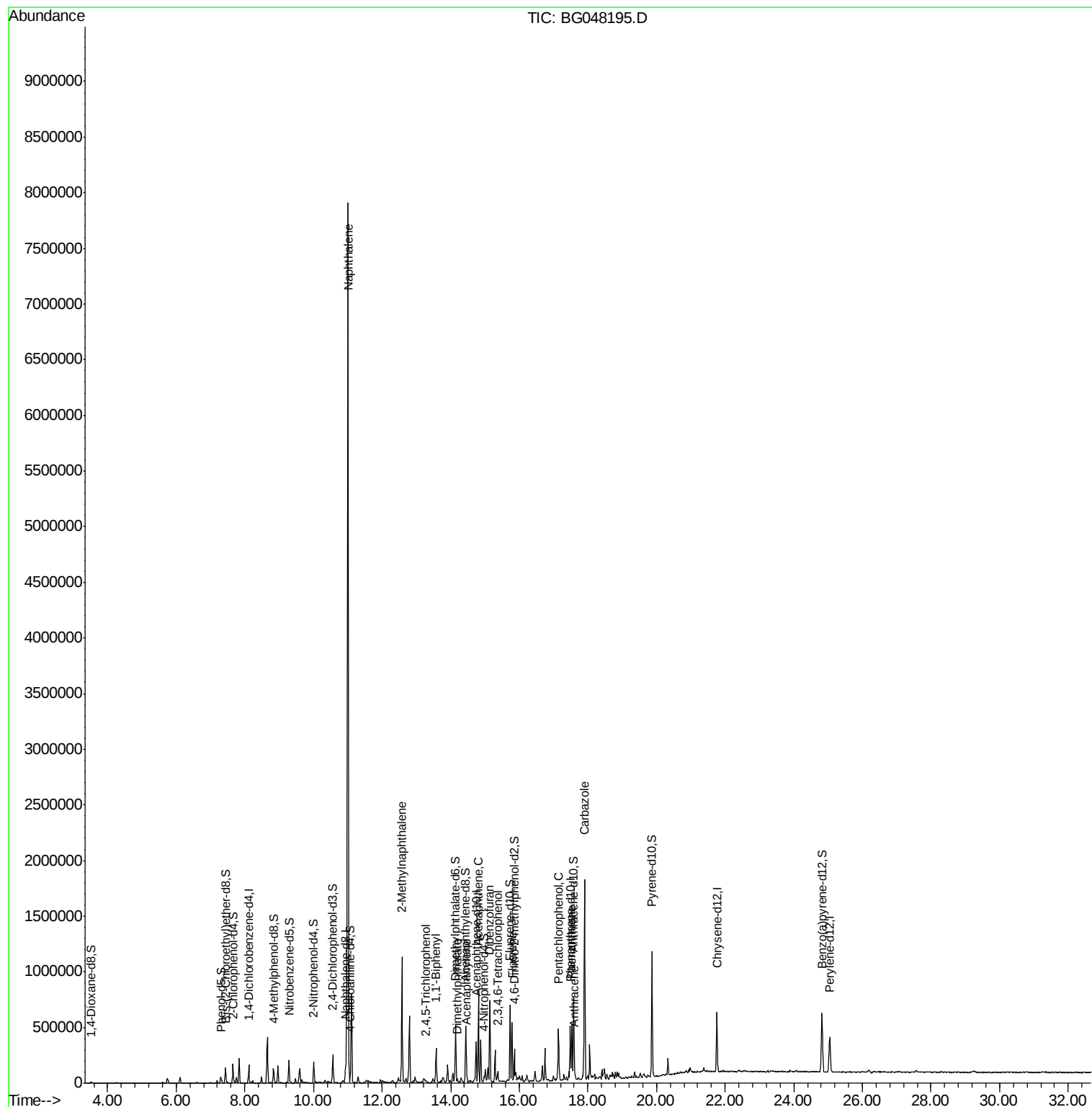
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048195.D
Acq On : 18 Feb 2021 14:43
Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

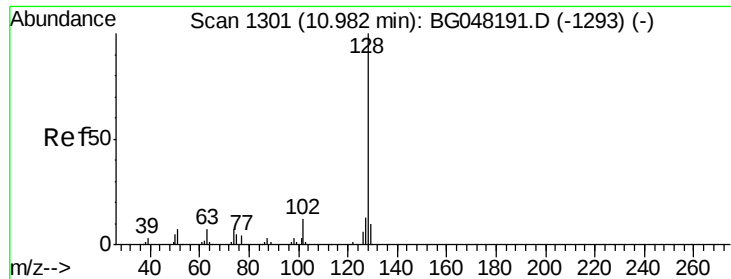
Instrument :
BNA_G
ClientSampleId :
DBGN0

Quant Time: Feb 19 05:15:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 18 12:52:13 2021
Response via : Initial Calibration

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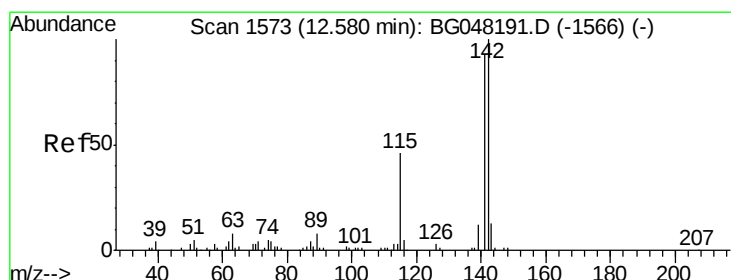
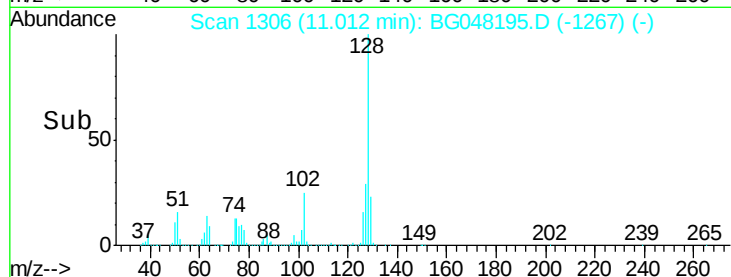
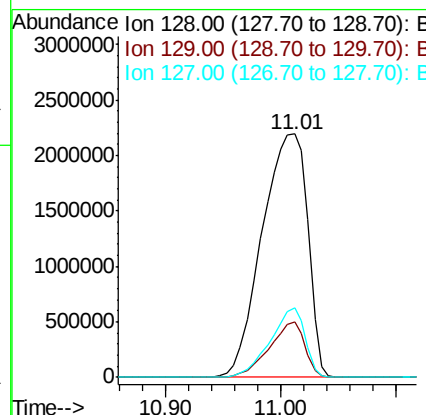
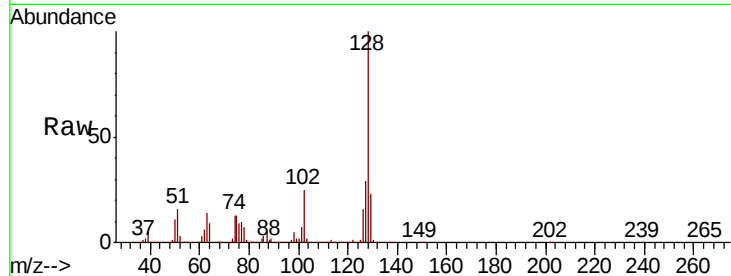
#28
Naphthalene
Concen: 702.655 ng/ul
RT: 11.01 min Scan# 1306
Delta R.T. 0.03 min
Lab File: BG048195.D
Acq: 18 Feb 2021 14:43

Instrument :
BNA_G
ClientSampled :
DBGN0

Tot Ion	Ratio	Lower	Upper
128	100		
129	22.6	8.3	12.5#
127	28.8	10.8	16.2#

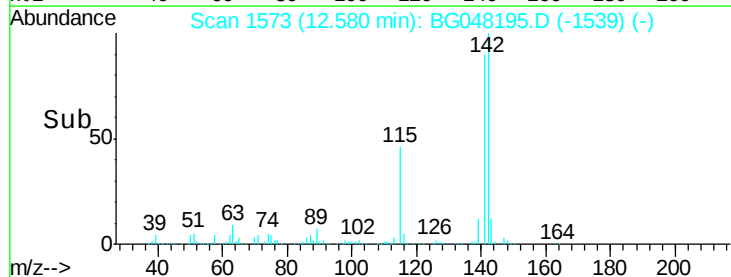
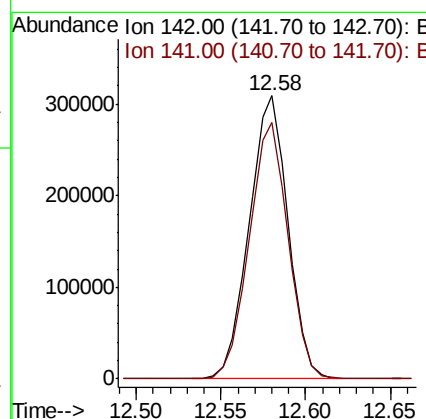
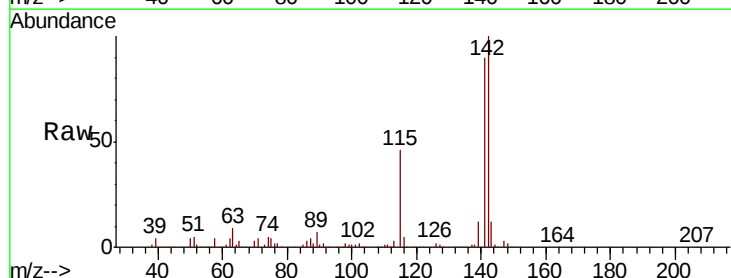
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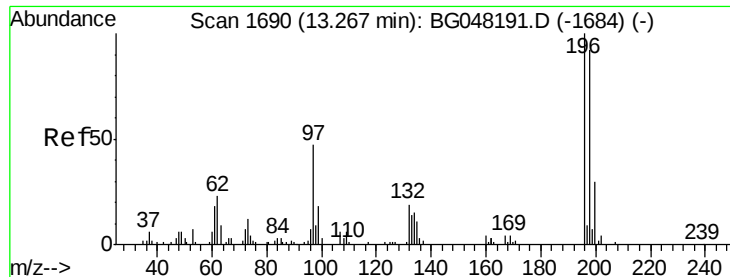
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#34
2-Methylnaphthalene
Concen: 75.716 ng/ul
RT: 12.58 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BG048195.D
Acq: 18 Feb 2021 14:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.6	111.8





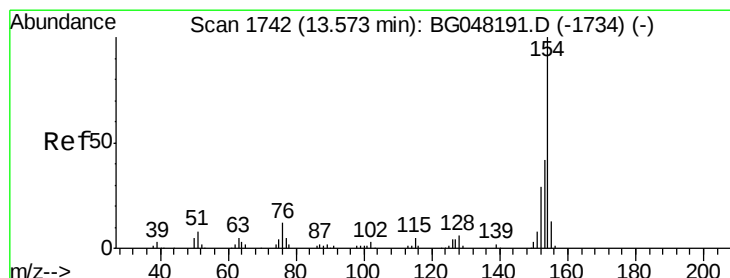
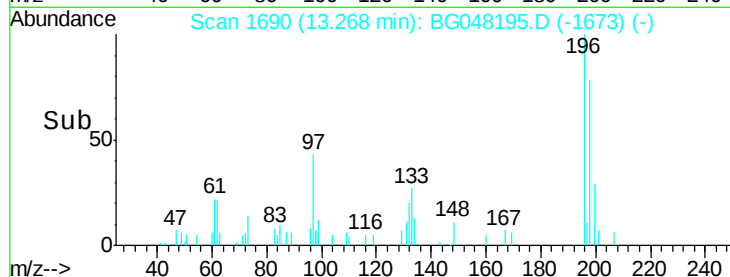
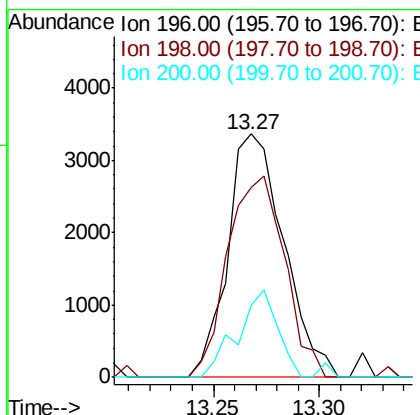
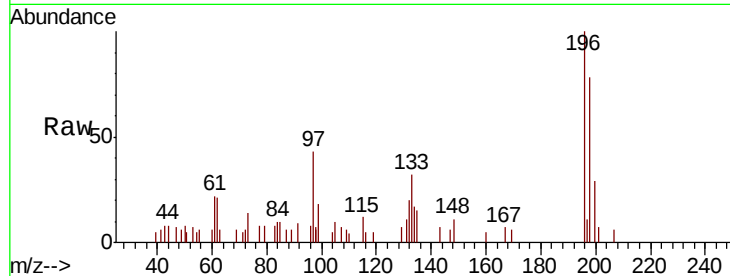
#40
 2,4,5-Trichlorophenol
 Concen: 2.231 ng/ul
 RT: 13.27 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG048195.D
 Acq: 18 Feb 2021 14:43

Instrument :
 BNA_G
 ClientSampled :
 DBGNO

Tot Ion	Ratio	Resp	Lower	Upper
196	100	6180		
198	77.9		72.6	108.8
200	29.4		24.0	36.0

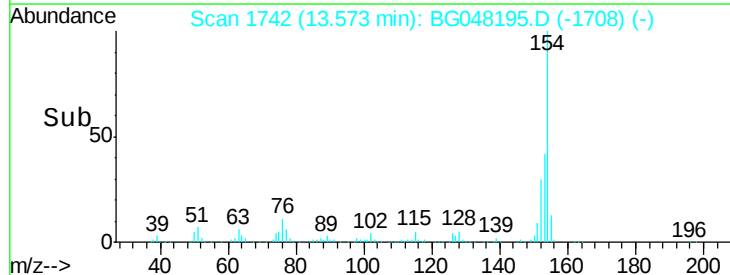
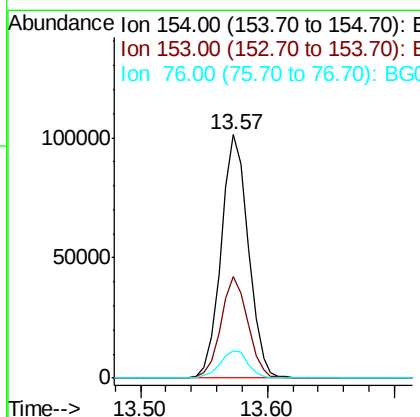
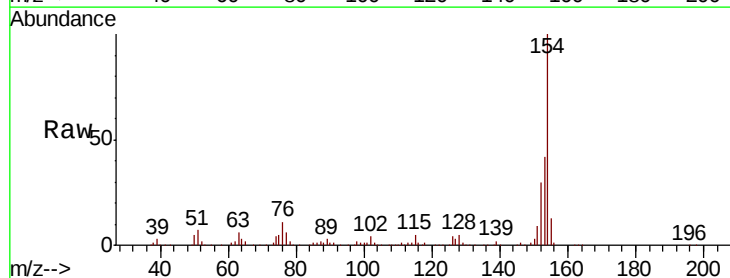
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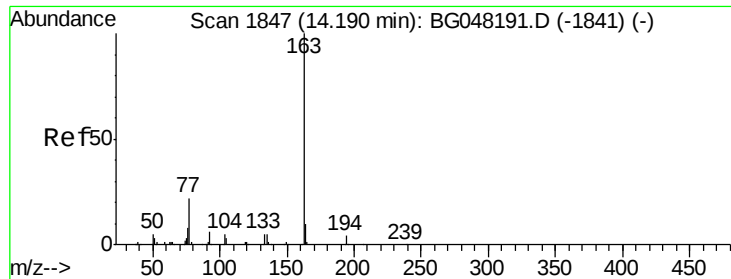
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#41
 1,1'-Biphenyl
 Concen: 17.838 ng/ul
 RT: 13.57 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG048195.D
 Acq: 18 Feb 2021 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	150582		
153	41.6		33.4	50.2
76	11.3		10.0	15.0





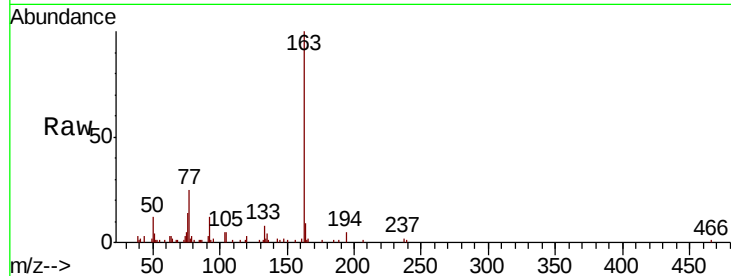
#45
Dimethylphthalate
Concen: 2.275 ng/ul
RT: 14.19 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG048195.D
Acq: 18 Feb 2021 14:43

Instrument :
BNA_G
ClientSampleId :
DBGN0

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.3	4.9#
164	9.0	8.3	12.5

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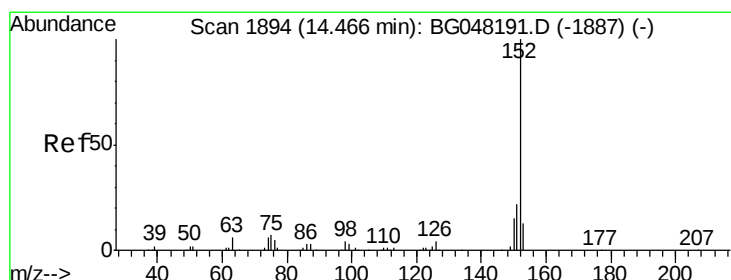
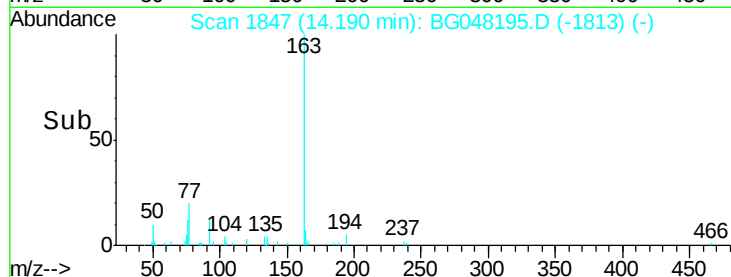
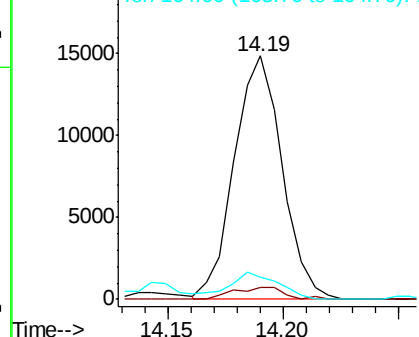


Abundance

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



#48
Acenaphthylene
Concen: 4.249 ng/ul
RT: 14.47 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BG048195.D
Acq: 18 Feb 2021 14:43

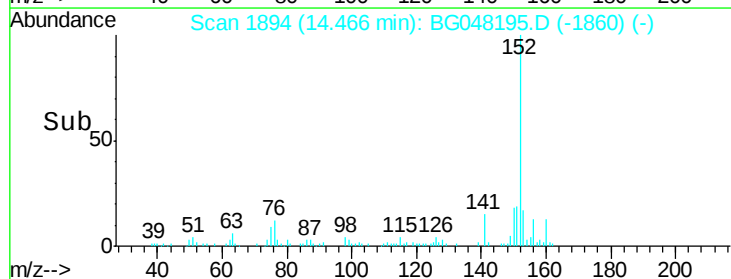
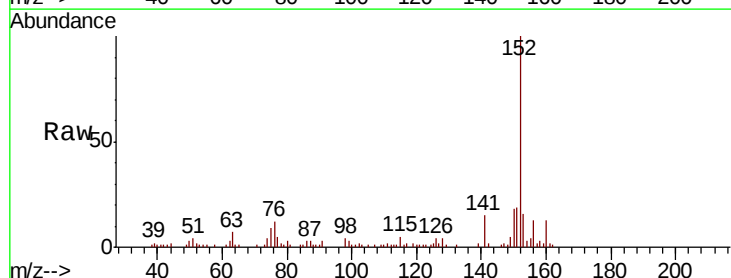
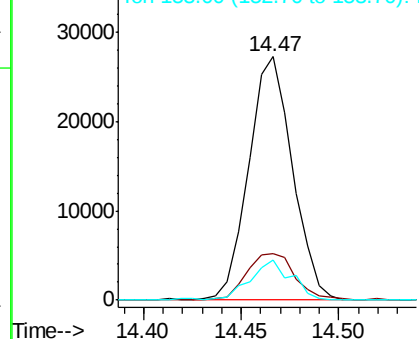
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	17.9	26.9
153	16.5	10.6	15.8#

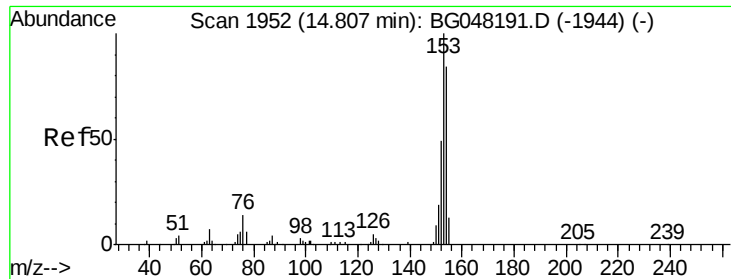
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 44.929 ng/ul

RT: 14.81 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG048195.D

Acq: 18 Feb 2021 14:43

Instrument :

BNA_G

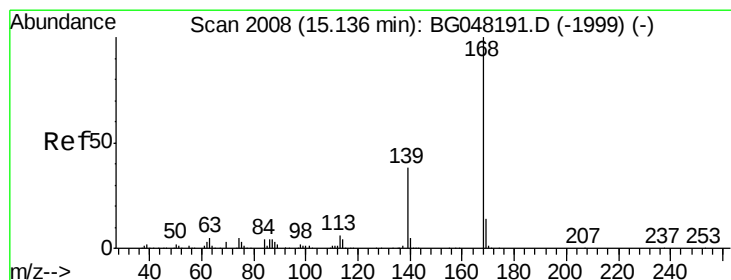
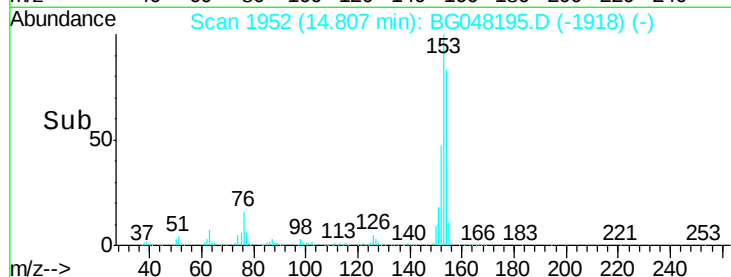
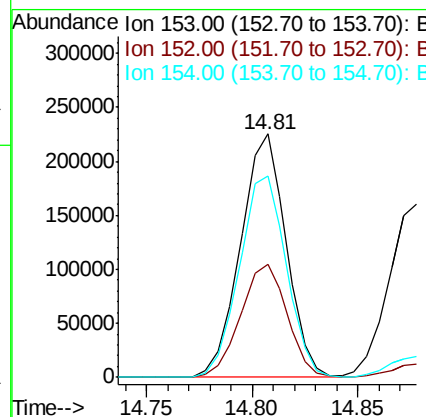
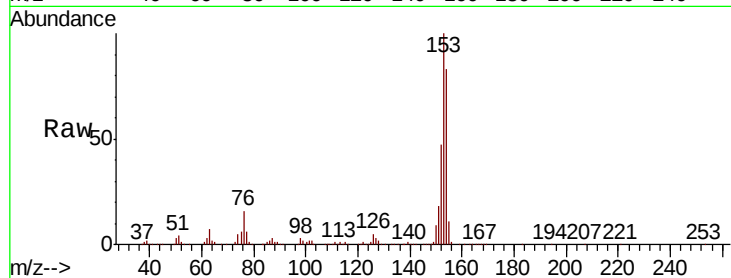
ClientSampleId :

DBGN0

Tot Ion:	153	Resp:	336051
Ion Ratio	Lower	Upper	
153	100		
152	46.6	39.0	58.6
154	82.8	67.0	100.4

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#54

Dibenzofuran

Concen: 41.753 ng/ul

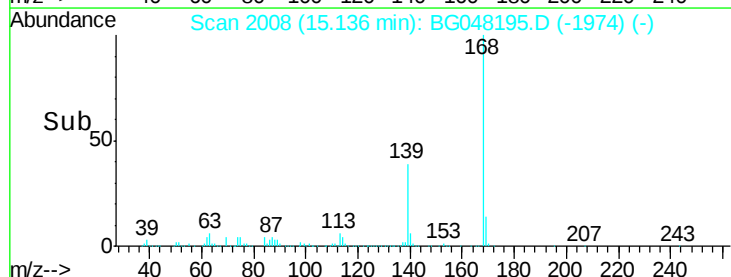
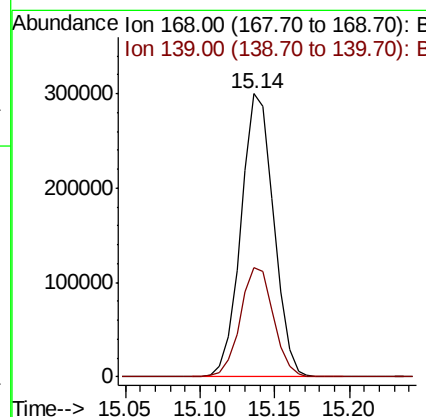
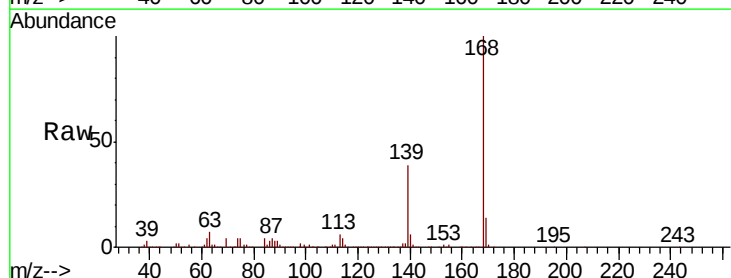
RT: 15.14 min Scan# 2008

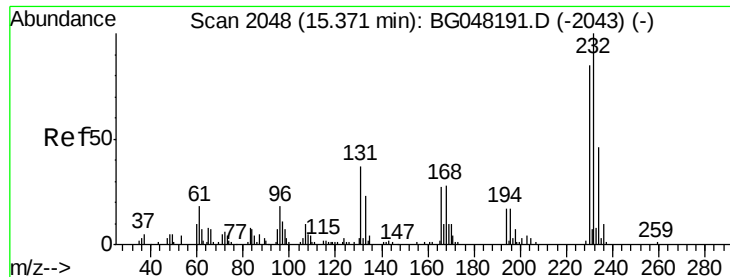
Delta R.T. 0.00 min

Lab File: BG048195.D

Acq: 18 Feb 2021 14:43

Tgt Ion:	168	Resp:	455781
Ion Ratio	Lower	Upper	
168	100		
139	38.7	30.9	46.3





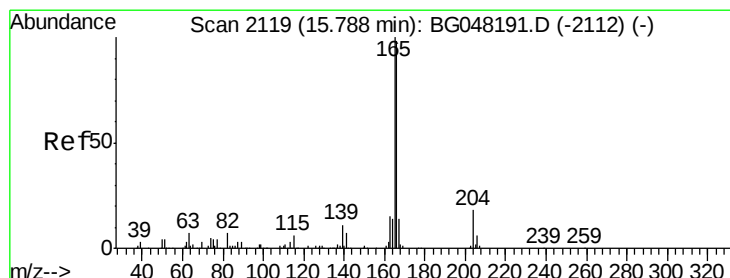
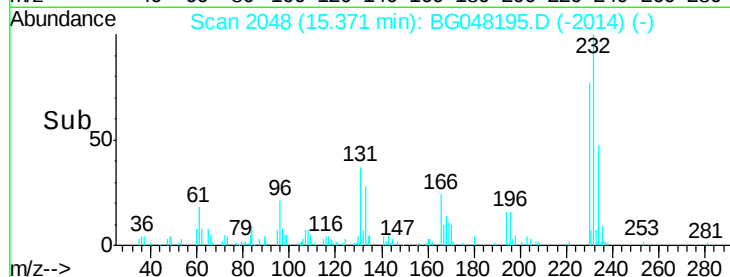
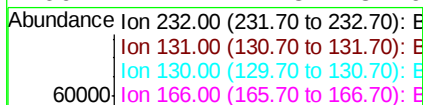
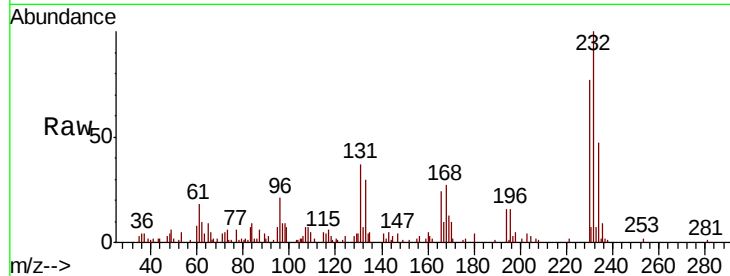
#56
2,3,4,6-Tetrachlorophenol
Concen: 9.392 ng/ul m
RT: 15.37 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG048195.D
Acq: 18 Feb 2021 14:43

Instrument :
BNA_G
ClientSampleId :
DBGN0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		26599		
131	37.0	29.3	43.9		
130	4.5	2.5	3.7		
166	24.2	21.8	32.6		

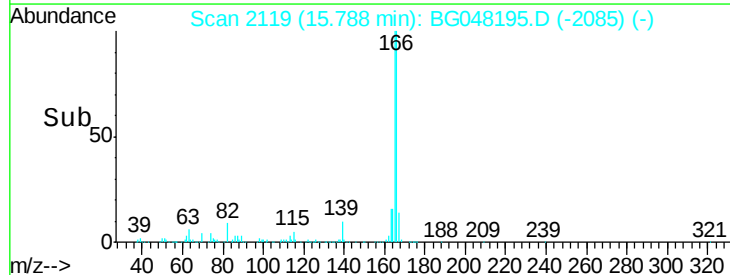
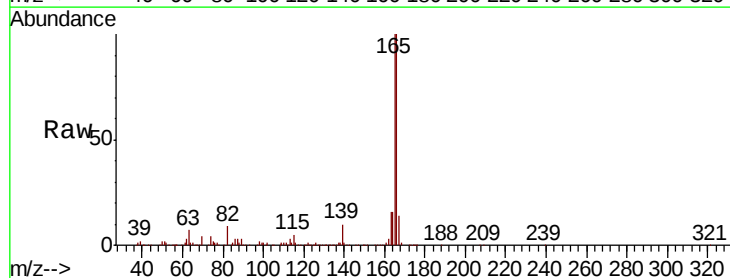
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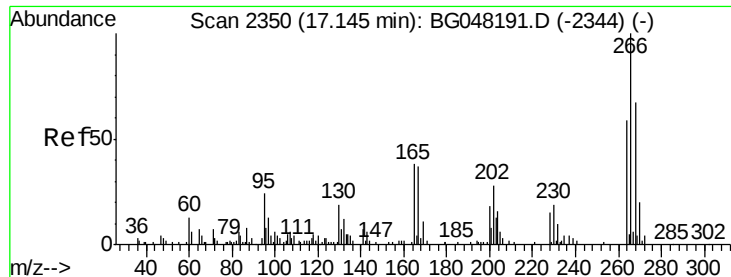
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#59
Fluorene
Concen: 26.486 ng/ul
RT: 15.79 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG048195.D
Acq: 18 Feb 2021 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		233740		
165	100.2	81.4	122.0		
167	13.8	11.8	17.6		





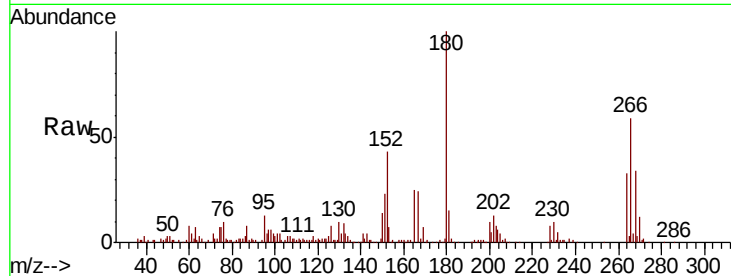
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 Pentachlorophenol
 Concen: 28.625 ng/ul
 RT: 17.15 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BG048195.D
 Acq: 18 Feb 2021 14:43

Instrument :
 BNA_G
 ClientSampled :
 DBGNO

Tot Ion	Ratio	Lower	Upper
266	100		
264	55.4	47.0	70.4
268	57.9	53.9	80.9

Manual Integrations
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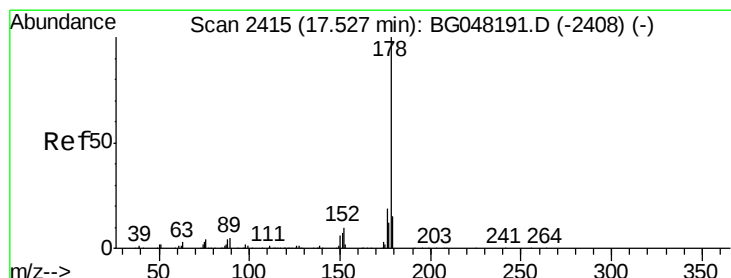
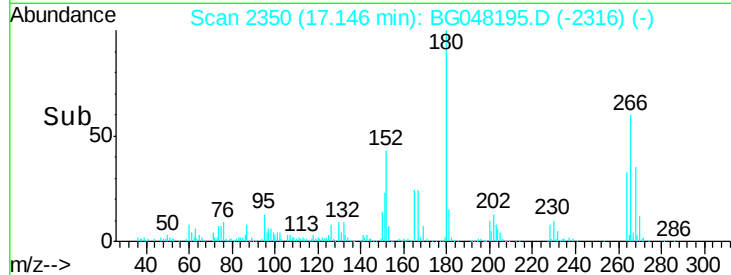
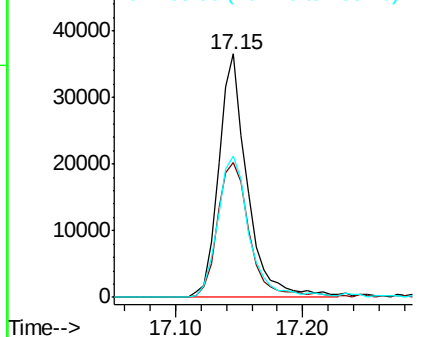


Abundance

Ion 265.70 (265.40 to 266.40): E

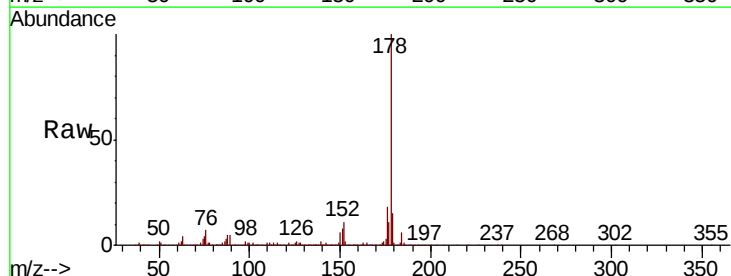
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70
 Phenanthrene
 Concen: 19.804 ng/ul
 RT: 17.53 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BG048195.D
 Acq: 18 Feb 2021 14:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.6
176	17.6	14.9	22.3

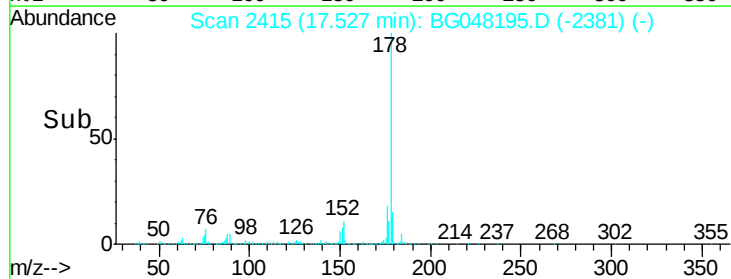
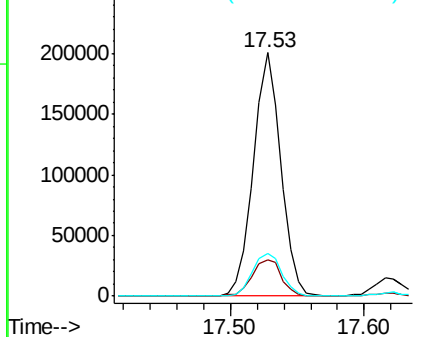


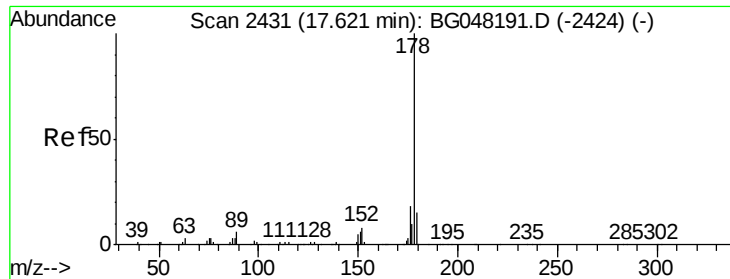
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.566 ng/ul

RT: 17.62 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG048195.D

Acq: 18 Feb 2021 14:43

Instrument :

BNA_G

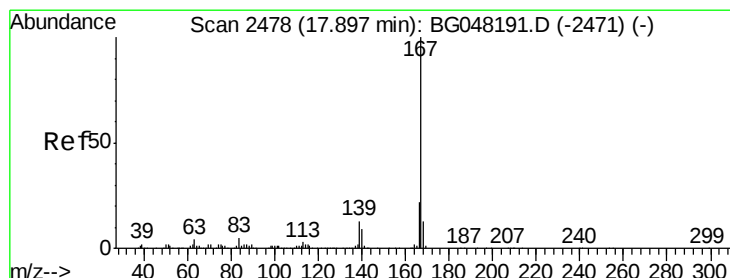
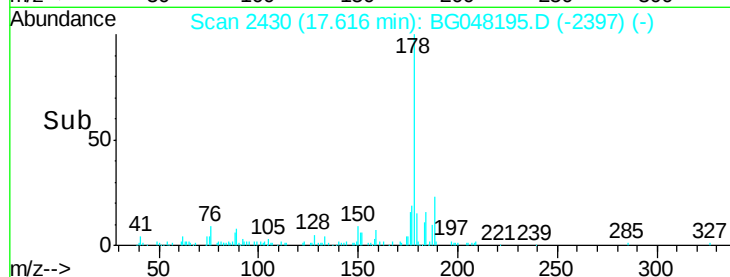
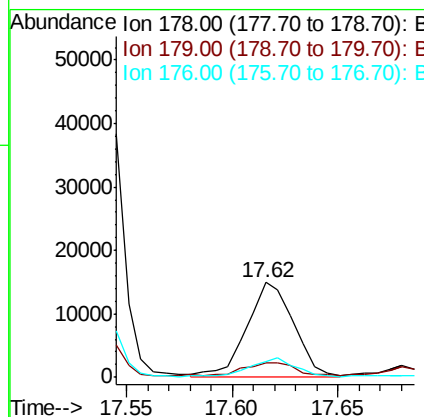
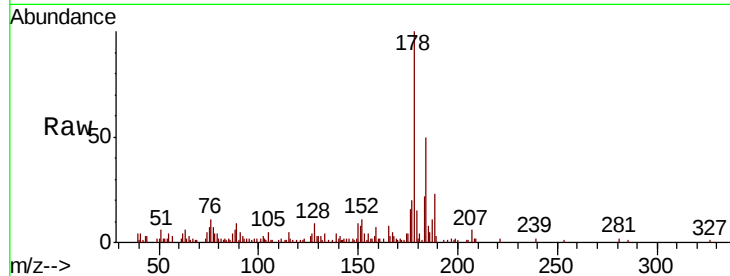
ClientSampleId :

DBGN0

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.2
176	16.2	14.5	21.7

Manual Integrations
APPROVED

mohammad
2/19/2021 1:21:08 PM



#75

Carbazole

Concen: 97.967 ng/ul

RT: 17.90 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BG048195.D

Acq: 18 Feb 2021 14:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.5	26.3
139	13.4	10.8	16.2

