

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111220\
 Data File : BG047316.D
 Acq On : 12 Nov 2020 21:20
 Operator : CG/JU
 Sample : L4726-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DBGE5

Manual Integrations
 APPROVED

mohammad
 11/16/2020 11:49:57 AM

Quant Time: Nov 13 10:19:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 10 10:50:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	48237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	193661	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	129564	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	304715	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	293343	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	315438	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	5197	4.35	ng/uL	0.00
5) Phenol-d5	7.17	99	28256	6.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	79643	33.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	86812	26.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	55956	16.75	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	55956	34.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	65717	34.66	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.44	165	118935	32.15	ng/ul	0.01
29) 4-Chloroaniline-d4	10.95	131	13560	4.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	429001	40.27	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	483586	38.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	13064m	7.79	ng/ul	0.02
58) Fluorene-d10	15.64	176	377936	38.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	93292	44.39	ng/ul	0.00
71) Anthracene-d10	17.49	188	607012	41.10	ng/ul	0.00
79) Pyrene-d10	19.77	212	722516	43.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	708415	40.85	ng/ul	0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.89	128	6524034	599.655	ng/ul#	71
34) 2-Methylnaphthalene	12.47	142	657498	84.706	ng/ul	99
40) 2,4,5-Trichlorophenol	13.16	196	6247	1.981	ng/ul#	78
41) 1,1'-Biphenyl	13.48	154	239481	23.428	ng/ul	95
45) Dimethylphthalate	14.09	163	51876	4.852	ng/ul#	99
48) Acenaphthylene	14.37	152	73728	6.253	ng/ul	98
50) Acenaphthene	14.71	153	521475	61.129	ng/ul	98
54) Dibenzofuran	15.04	168	637417	51.345	ng/ul	98
59) Fluorene	15.69	166	344581	33.816	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.78	198	20287	9.364	ng/ul#	59
69) Pentachlorophenol	17.05	266	18638	7.639	ng/ul	96
70) Phenanthrene	17.43	178	311828	18.246	ng/ul	98
72) Anthracene	17.53	178	19653	1.144	ng/ul	96
75) Carbazole	17.80	167	1065170	80.735	ng/ul	97

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

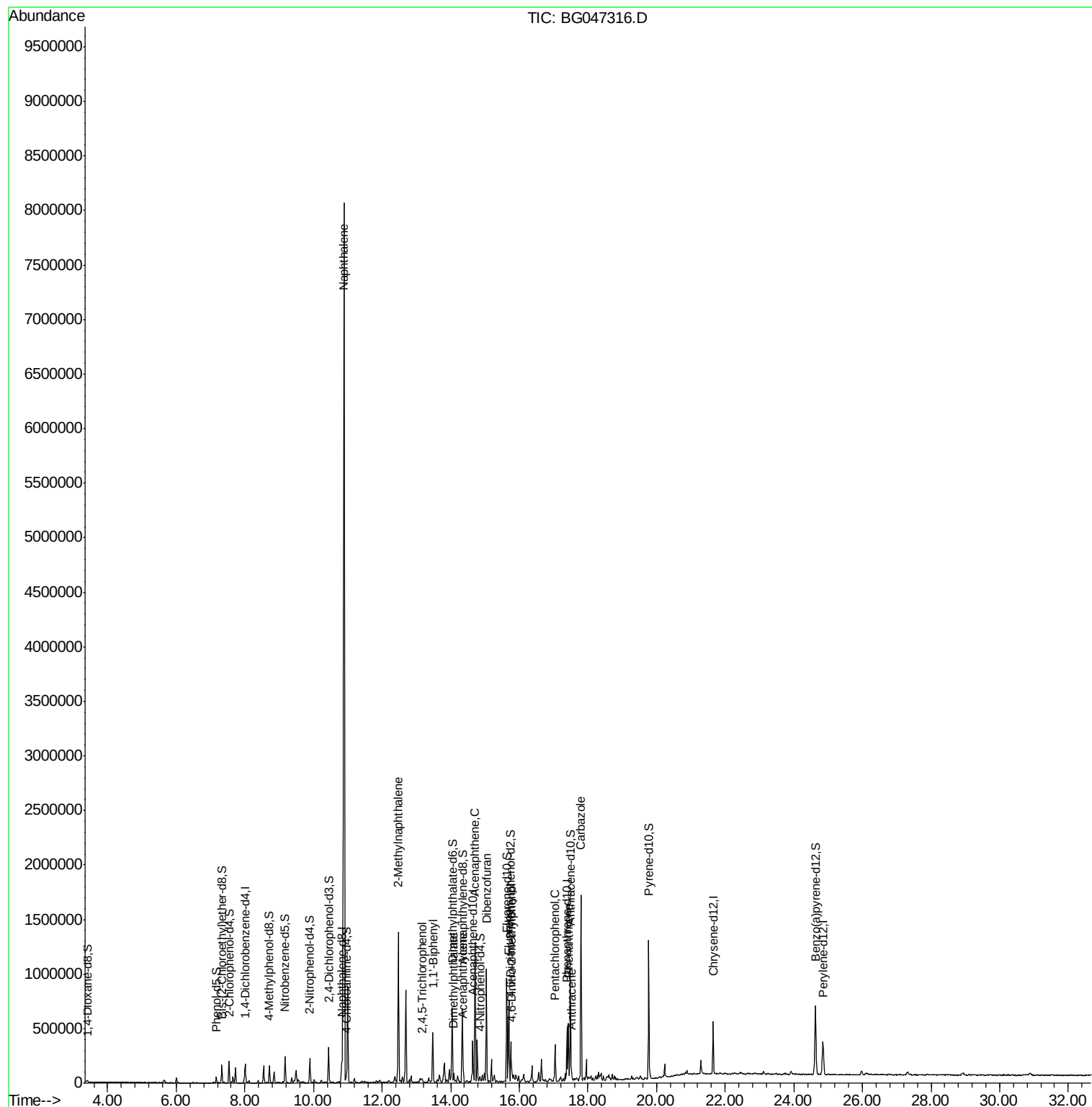
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111220\
Data File : BG047316.D
Acq On : 12 Nov 2020 21:20
Operator : CG/JU
Sample : L4726-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

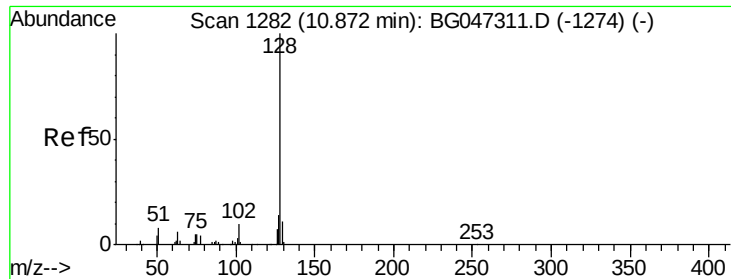
Instrument :
BNA_G
ClientSampleId :
DBGE5

Quant Time: Nov 13 10:19:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
11/16/2020 11:49:57 AM





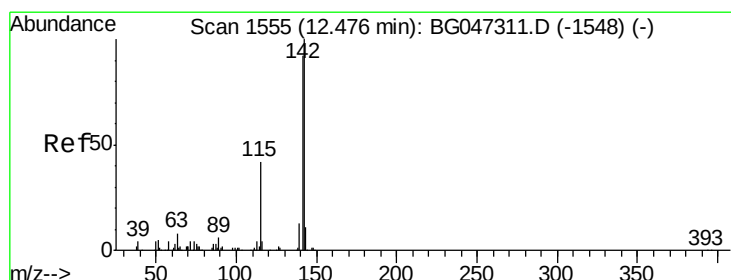
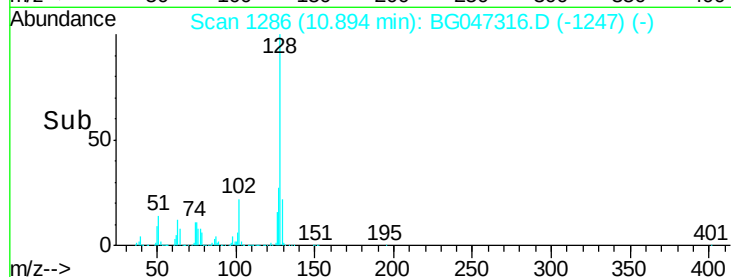
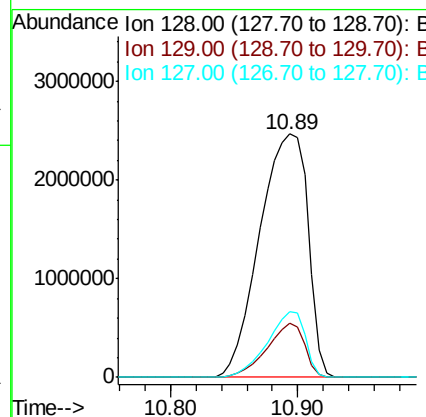
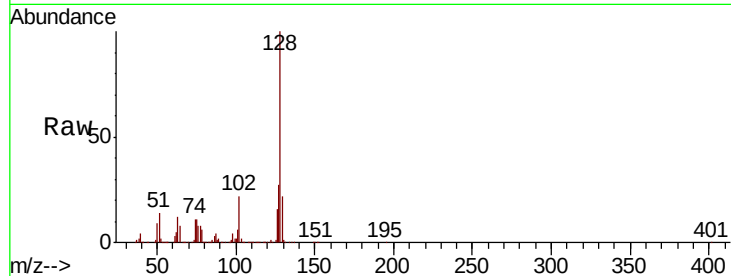
#28
Naphthalene
Concen: 599.655 ng/ul
RT: 10.89 min Scan# 1286
Delta R.T. 0.03 min
Lab File: BG047316.D
Acq: 12 Nov 2020 21:20

Instrument :
BNA_G
ClientSampleId :
DBGE5

Tot Ion:128 Resp: 6524034
Ion Ratio Lower Upper
128 100
129 22.2 9.4 14.2#
127 27.2 11.5 17.3#

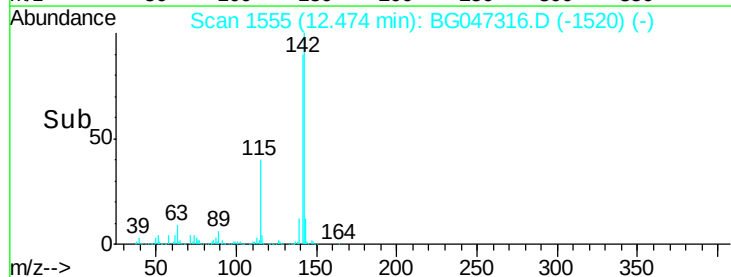
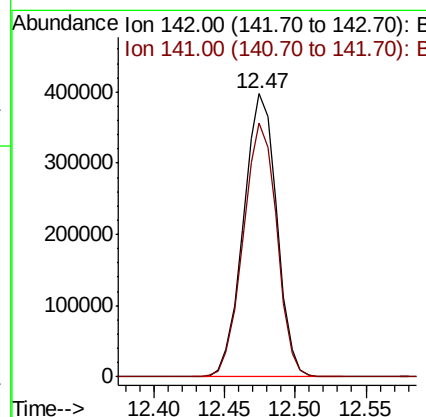
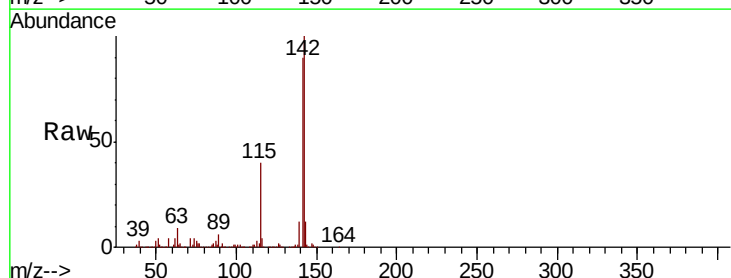
Manual Integrations
APPROVED

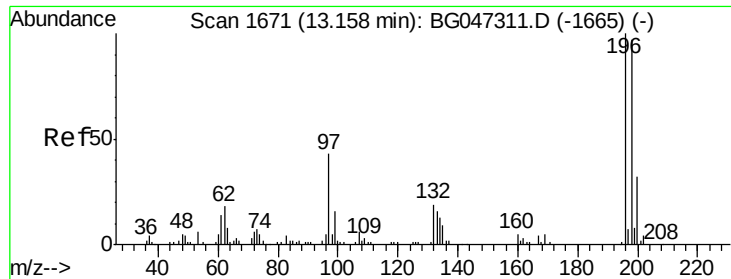
mohammad
11/16/2020 11:49:57 AM



#34
2-Methylnaphthalene
Concen: 84.706 ng/ul
RT: 12.47 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BG047316.D
Acq: 12 Nov 2020 21:20

Tgt Ion:142 Resp: 657498
Ion Ratio Lower Upper
142 100
141 89.9 72.4 108.6





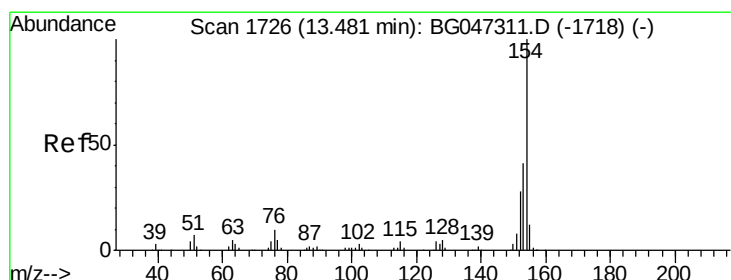
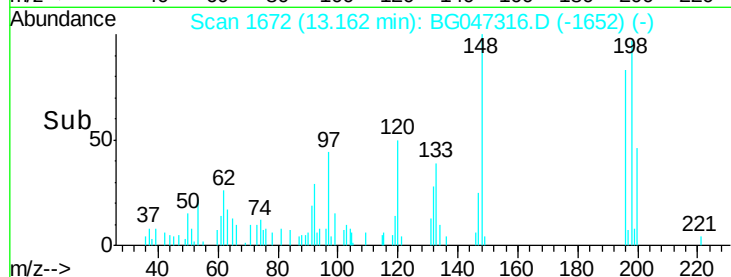
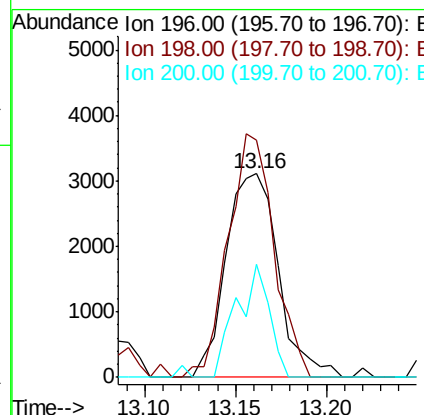
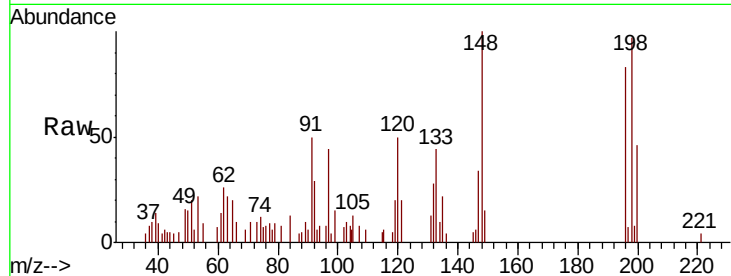
#40
2,4,5-Trichlorophenol
Concen: 1.981 ng/ul
RT: 13.16 min Scan# 1672
Delta R.T. 0.02 min
Lab File: BG047316.D
Acq: 12 Nov 2020 21:20

Instrument :
BNA_G
ClientSampled :
DBGE5

Tot Ion	Ratio	Resp	Lower	Upper
196	100	6247		
198	116.5	81.1	121.7	
200	55.5	25.5	38.3	

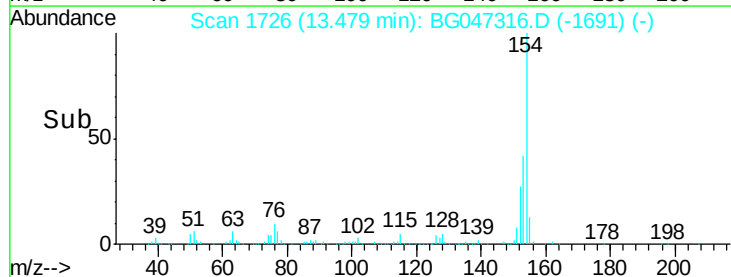
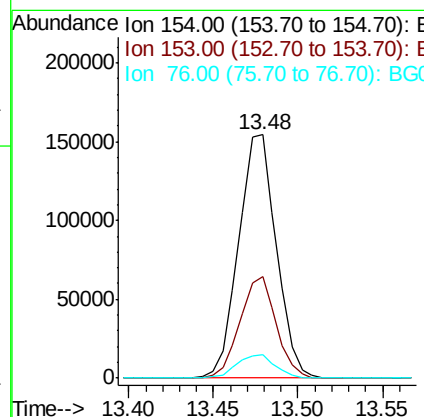
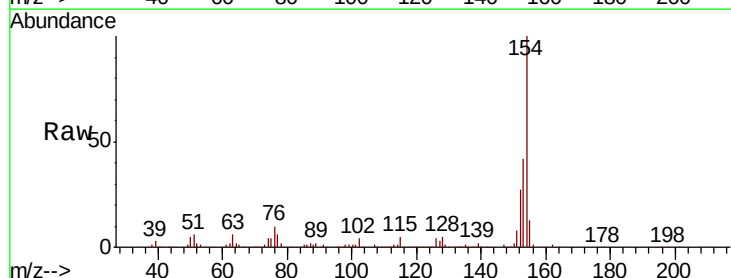
Manual Integrations
APPROVED

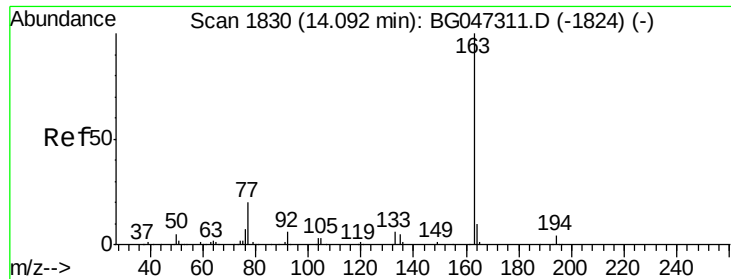
mohammad
11/16/2020 11:49:57 AM



#41
1,1'-Biphenyl
Concen: 23.428 ng/ul
RT: 13.48 min Scan# 1726
Delta R.T. 0.01 min
Lab File: BG047316.D
Acq: 12 Nov 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	239481		
153	41.7	30.2	45.4	
76	9.6	7.8	11.6	





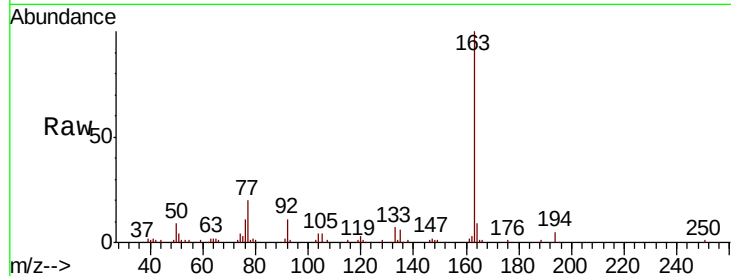
#45
Dimethylphthalate
Concen: 4.852 ng/ul
RT: 14.09 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BG047316.D
Acq: 12 Nov 2020 21:20

Instrument :
BNA_G
ClientSampleId :
DBG5

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.0#
164	9.1	7.2	10.8

Manual Integrations
APPROVED

mohammad
11/16/2020 11:49:57 AM

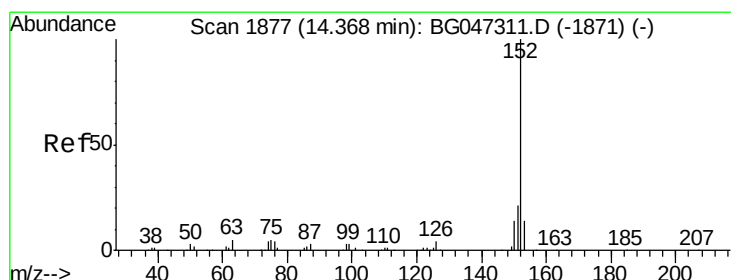
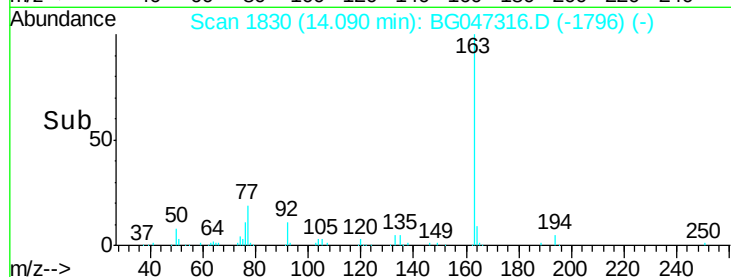
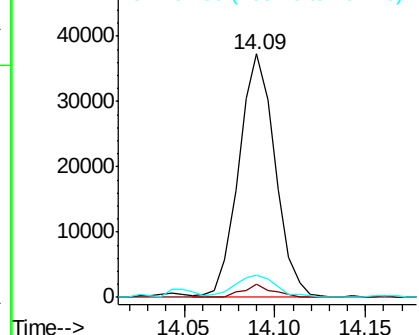


Abundance

Ion 163.00 (162.70 to 163.70): E

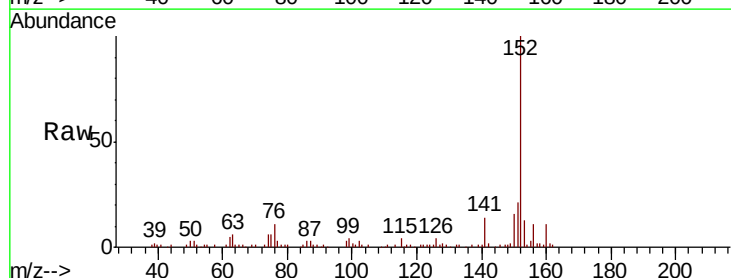
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 6.253 ng/ul
RT: 14.37 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BG047316.D
Acq: 12 Nov 2020 21:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.4	26.2
153	13.2	10.2	15.4

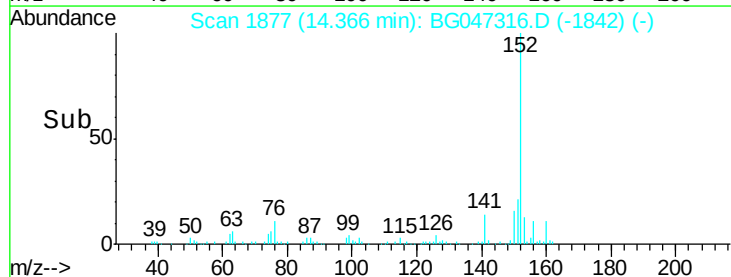
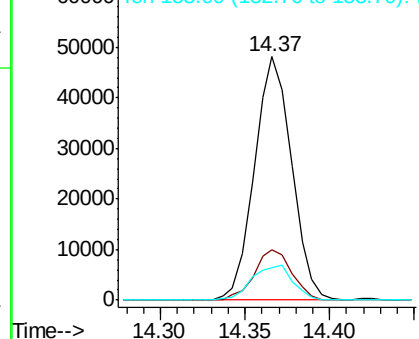


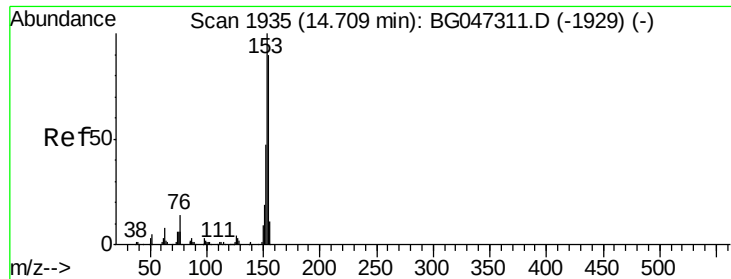
Abundance

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: 61.129 ng/ul

RT: 14.71 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BG047316.D

Acq: 12 Nov 2020 21:20

Instrument :

BNA_G

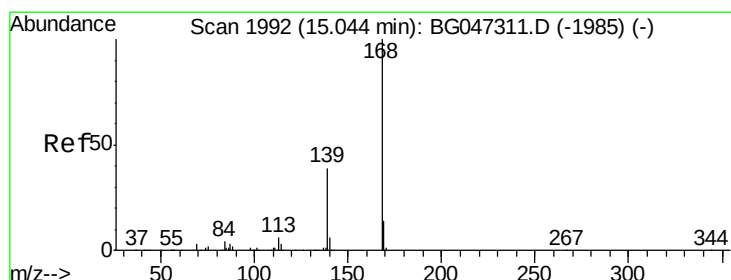
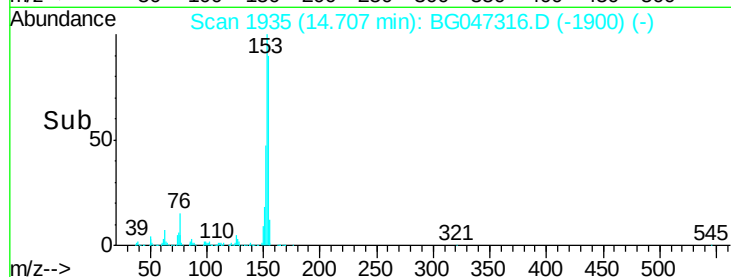
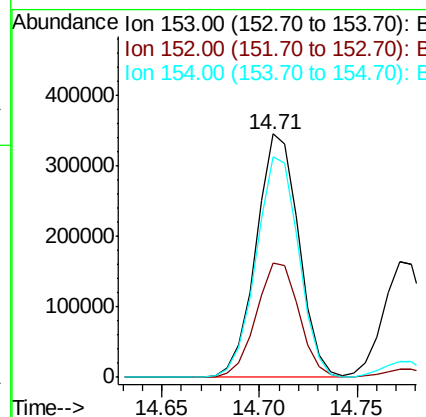
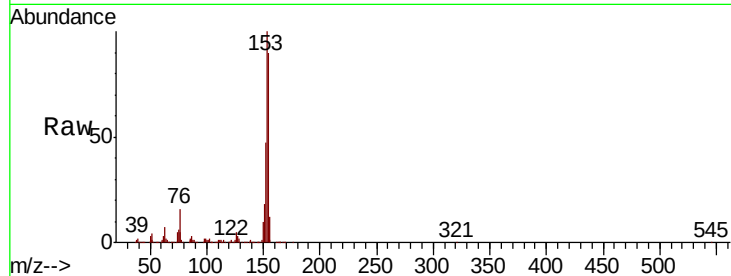
ClientSampleId :

DBGE5

Tot Ion:	153	Resp:	521475
Ion Ratio	Lower	Upper	
153	100		
152	47.2	37.0	55.4
154	90.5	74.0	111.0

Manual Integrations
APPROVED

mohammad
11/16/2020 11:49:57 AM



#54

Dibenzofuran

Concen: 51.345 ng/ul

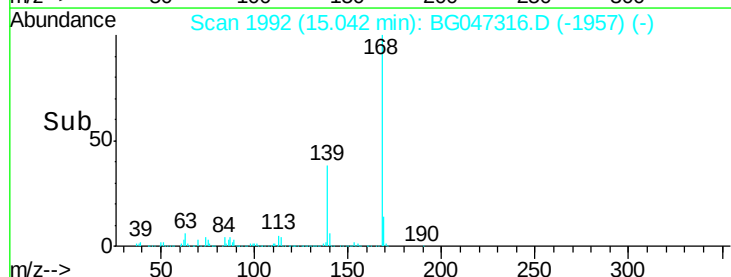
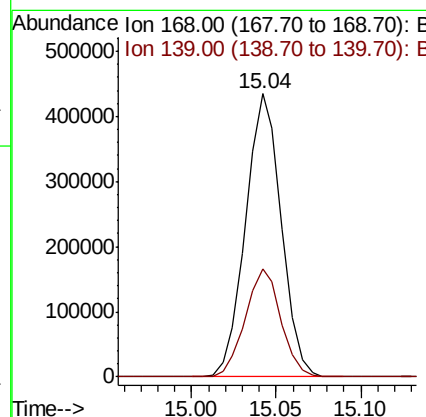
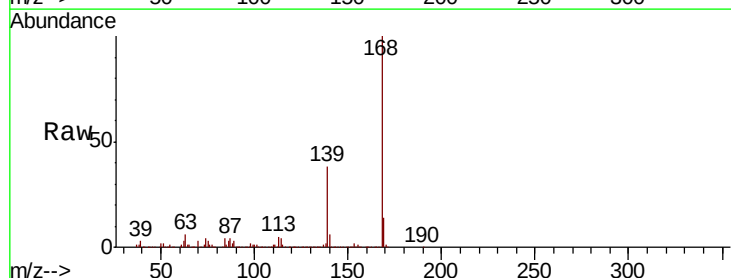
RT: 15.04 min Scan# 1992

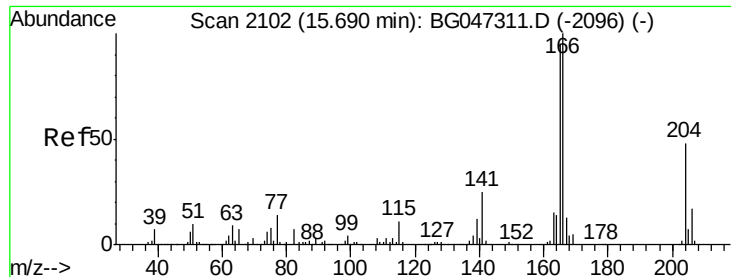
Delta R.T. 0.01 min

Lab File: BG047316.D

Acq: 12 Nov 2020 21:20

Tgt Ion:	168	Resp:	637417
Ion Ratio	Lower	Upper	
168	100		
139	38.0	31.5	47.3





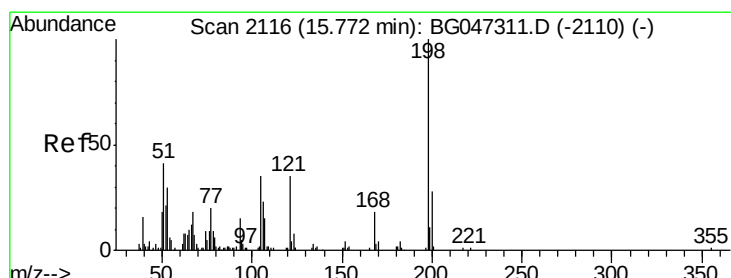
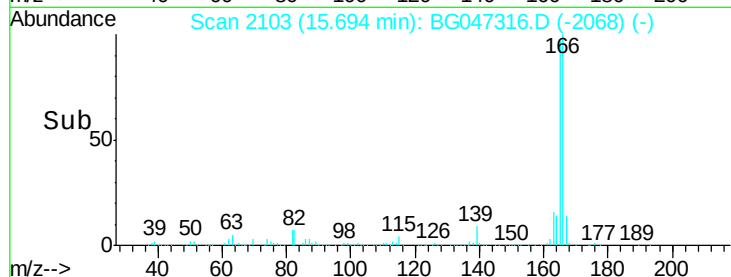
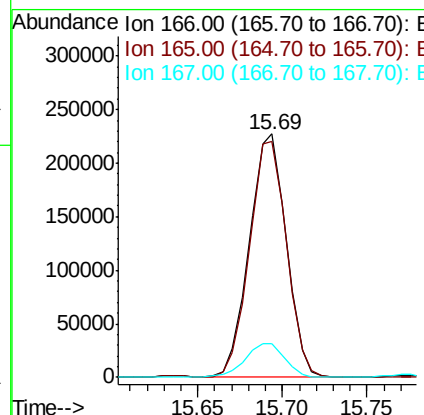
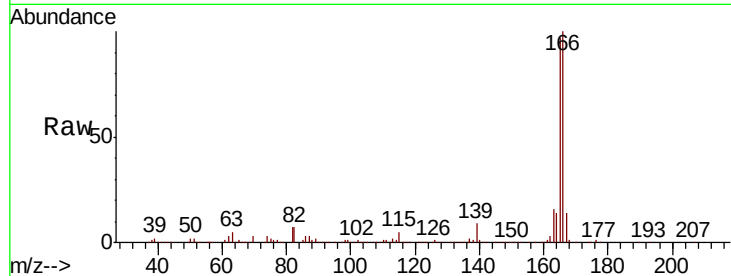
#59
 Fluorene
 Concen: 33.816 ng/ul
 RT: 15.69 min Scan# 2103
 Delta R.T. 0.01 min
 Lab File: BG047316.D
 Acq: 12 Nov 2020 21:20

Instrument :
 BNA_G
 ClientSampleId :
 DBGE5

Tot Ion	Ratio	Resp	Lower	Upper
166	100	344581		
165	96.7	76.2	114.4	
167	13.7	10.4	15.6	

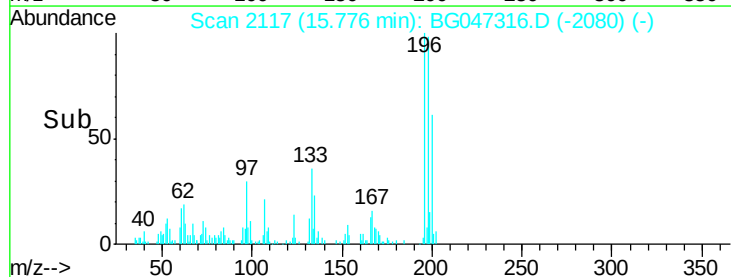
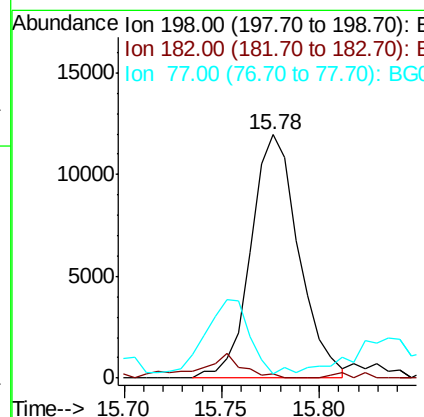
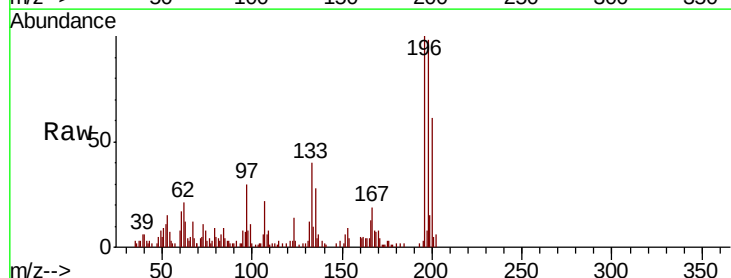
Manual Integrations
 APPROVED

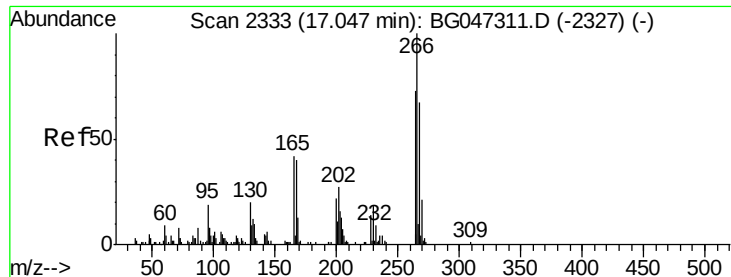
mohammad
 11/16/2020 11:49:57 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.364 ng/ul
 RT: 15.78 min Scan# 2117
 Delta R.T. 0.02 min
 Lab File: BG047316.D
 Acq: 12 Nov 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	20287		
182	1.6	2.2	3.4#	
77	2.0	19.6	29.4#	





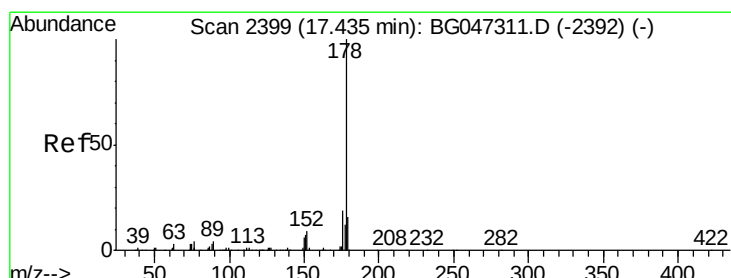
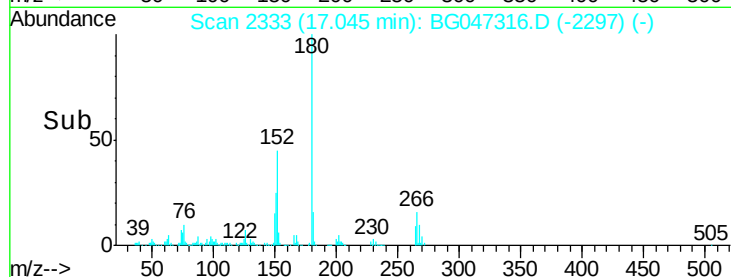
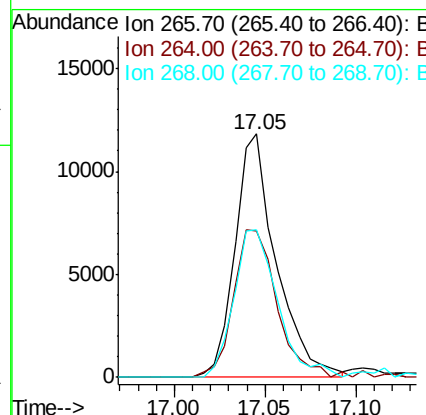
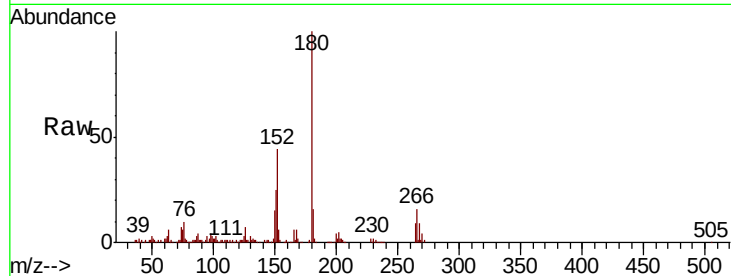
#69
 Pentachlorophenol
 Concen: 7.639 ng/ul
 RT: 17.05 min Scan# 2333
 Delta R.T. 0.01 min
 Lab File: BG047316.D
 Acq: 12 Nov 2020 21:20

Instrument :
 BNA_G
 ClientSampleId :
 DBGE5

Tot Ion	Ratio	Lower	Upper
266	100		
264	60.3	52.2	78.2
268	60.7	49.7	74.5

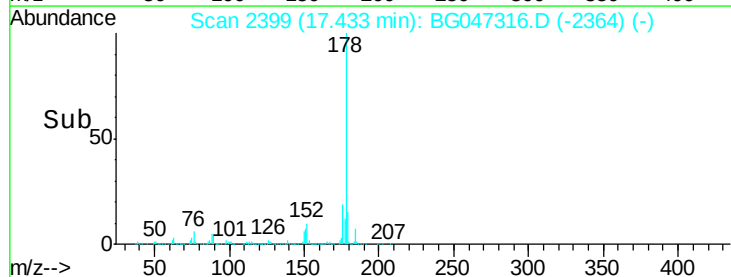
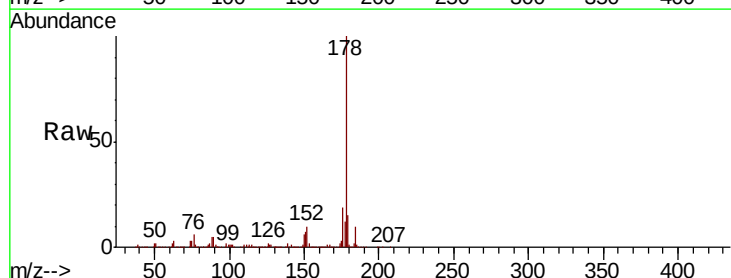
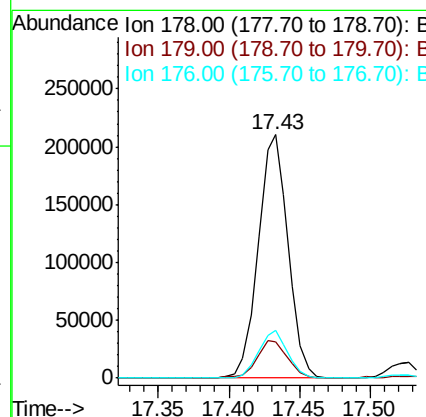
Manual Integrations
 APPROVED

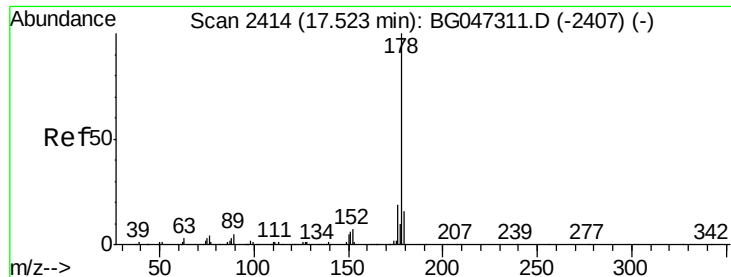
mohammad
 11/16/2020 11:49:57 AM



#70
 Phenanthrene
 Concen: 18.246 ng/ul
 RT: 17.43 min Scan# 2399
 Delta R.T. 0.01 min
 Lab File: BG047316.D
 Acq: 12 Nov 2020 21:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	19.4	16.5	24.7





#72

Anthracene

Concen: 1.144 ng/ul

RT: 17.53 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BG047316.D

Acq: 12 Nov 2020 21:20

Instrument :

BNA_G

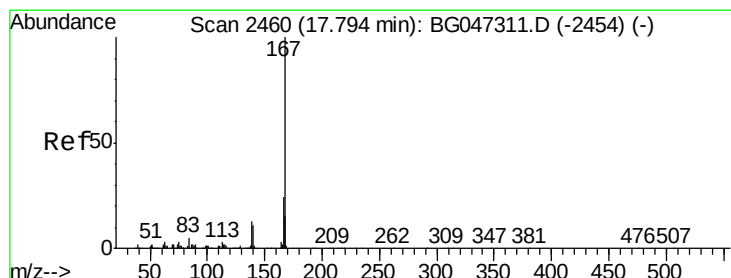
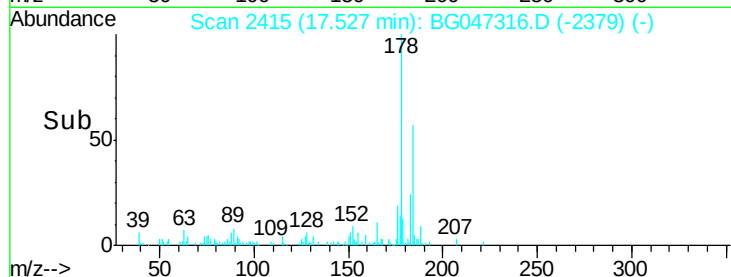
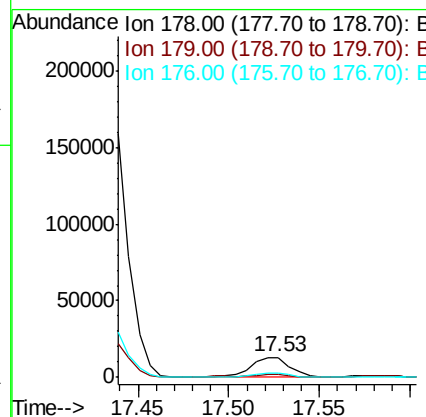
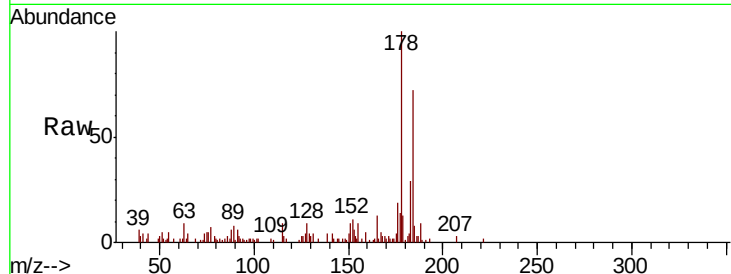
ClientSampleId :

DBG5

Tot Ion:	178	Resp:	19653
Ion	Ratio	Lower	Upper
178	100		
179	13.3	12.4	18.6
176	19.0	14.4	21.6

Manual Integrations
APPROVED

mohammad
11/16/2020 11:49:57 AM



#75

Carbazole

Concen: 80.735 ng/ul

RT: 17.80 min Scan# 2461

Delta R.T. 0.01 min

Lab File: BG047316.D

Acq: 12 Nov 2020 21:20

Tgt Ion:	167	Resp:	1065170
Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.4	26.0
139	13.3	10.5	15.7

