

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048165.D
 Acq On : 16 Feb 2021 16:15
 Operator : CG/JU
 Sample : M1407-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGLO

Manual Integrations
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mohammad
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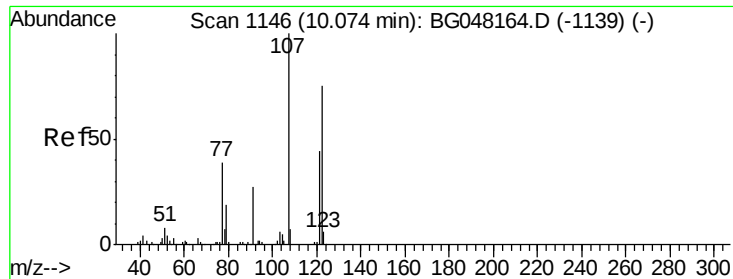
Quant Time: Feb 16 17:32:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 15 06:21:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57294	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	230111	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	166354	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	400607	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	437970	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	445430	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	7688	5.59	ng/uL	0.00
5) Phenol-d5	7.25	99	37090	7.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	90276	31.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	86676	25.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	65801	17.37	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	51514	29.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	63454	30.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	113073	27.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	10901	2.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	417956	33.92	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	486725	32.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	17468	8.34	ng/ul	0.00
58) Fluorene-d10	15.72	176	376686	34.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	91724	37.34	ng/ul	0.00
71) Anthracene-d10	17.57	188	612689	35.67	ng/ul	0.00
79) Pyrene-d10	19.85	212	760386	34.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	802631	35.32	ng/ul	0.01

Target Compounds				Ovalue		
24) 2,4-Dimethylphenol	10.11	107	10795	2.301	ng/ul#	86
28) Naphthalene	10.99	128	5354324	461.315	ng/ul#	74
34) 2-Methylnaphthalene	12.57	142	486755	55.174	ng/ul	97
40) 2,4,5-Trichlorophenol	13.24	196	6819m	1.821	ng/ul	
41) 1,1'-Biphenyl	13.56	154	164059	14.376	ng/ul	96
48) Acenaphthylene	14.45	152	42895	3.184	ng/ul	97
50) Acenaphthene	14.79	153	487524	48.218	ng/ul	93
54) Dibenzofuran	15.12	168	491380	33.300	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.35	232	27294	7.129	ng/ul#	94
59) Fluorene	15.77	166	243007	20.370	ng/ul#	95
64) 4,6-Dinitro-2-methylphenol	15.83	198	22179	9.062	ng/ul#	84
69) Pentachlorophenol	17.11	266	96010m	34.257	ng/ul	
70) Phenanthrene	17.51	178	339294	16.857	ng/ul	99
72) Anthracene	17.60	178	29382	1.447	ng/ul	95
75) Carbazole	17.87	167	1320546	77.771	ng/ul	93
77) Fluoranthene	19.51	202	39862	1.624	ng/ul	99

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



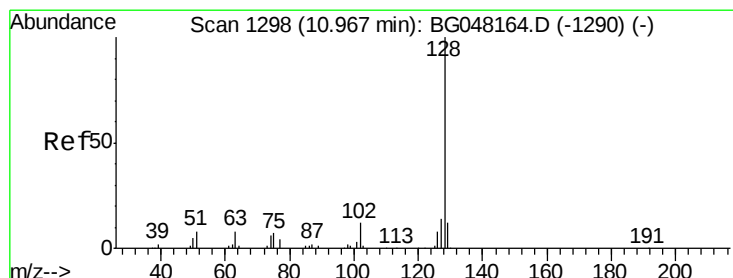
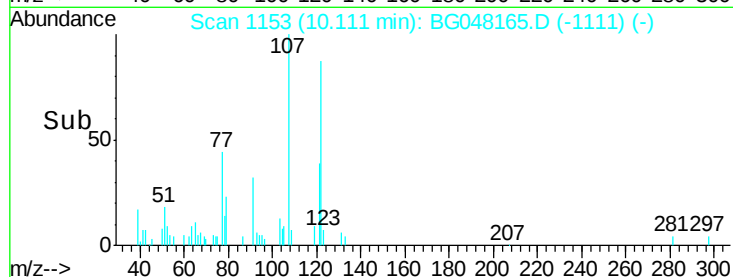
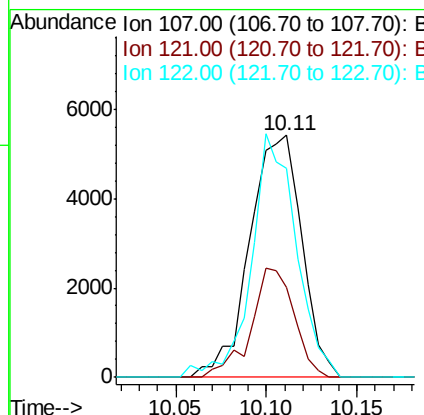
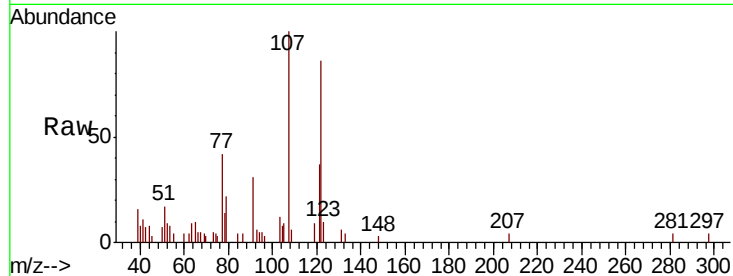
#24
2,4-Dimethylphenol
Concen: 2.301 ng/ul
RT: 10.11 min Scan# 1153
Delta R.T. 0.04 min
Lab File: BG048165.D
Acq: 16 Feb 2021 16:15

Instrument :
BNA_G
ClientSampleId :
DBGLO

Tot Ion	Ratio	Lower	Upper
107	100		
121	37.0	37.1	55.7#
122	86.4	60.2	90.2

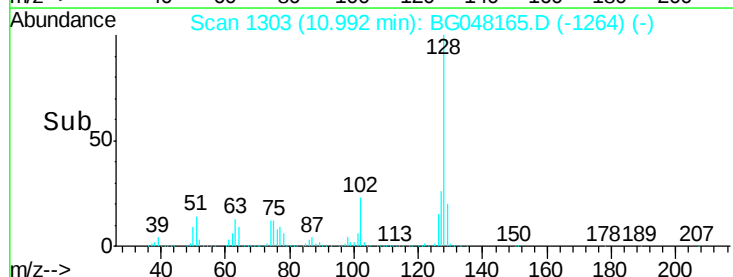
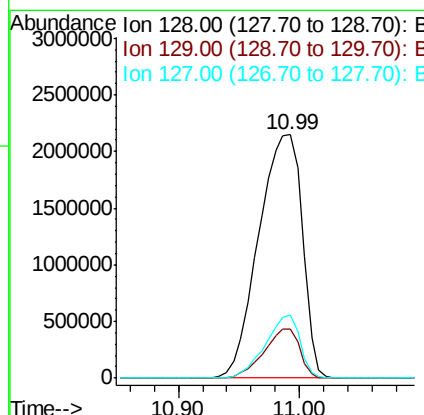
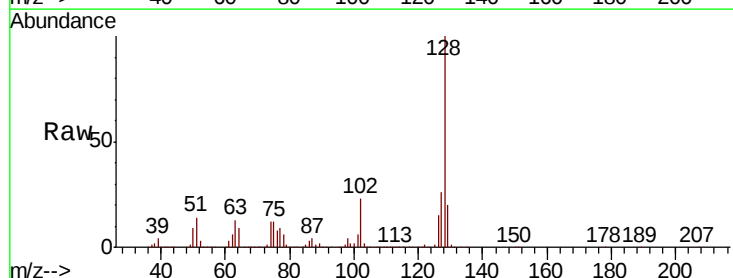
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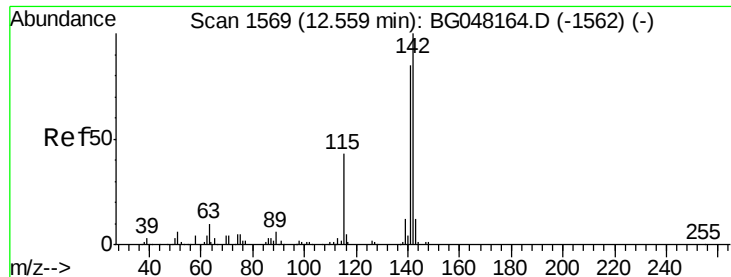
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#28
Naphthalene
Concen: 461.315 ng/ul
RT: 10.99 min Scan# 1303
Delta R.T. 0.03 min
Lab File: BG048165.D
Acq: 16 Feb 2021 16:15

Tgt Ion	Ratio	Lower	Upper
128	100		
129	20.3	9.3	13.9#
127	26.0	11.2	16.8#





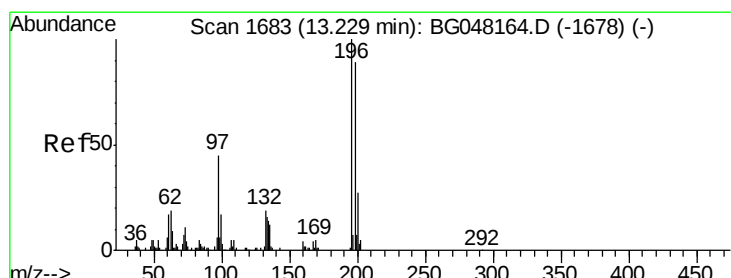
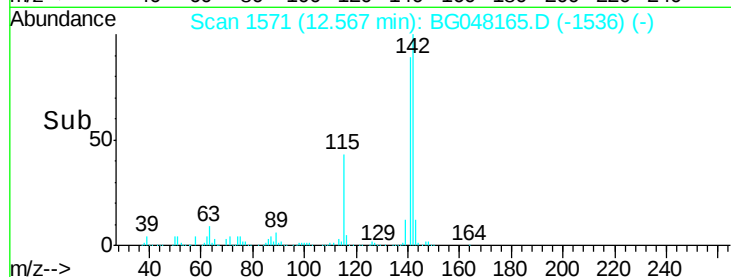
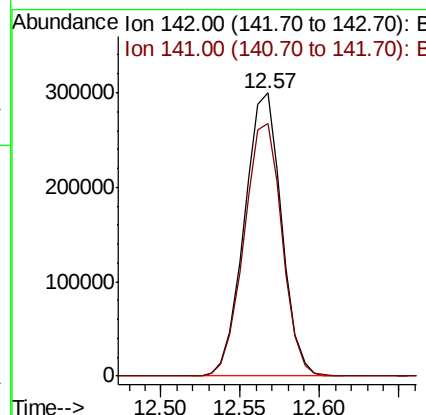
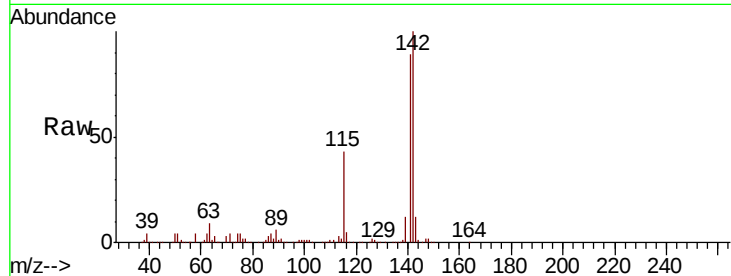
#34
2-Methylnaphthalene
Concen: 55.174 ng/ul
RT: 12.57 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BG048165.D
Acq: 16 Feb 2021 16:15

Instrument :
BNA_G
ClientSampleId :
DBGLO

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.6	104.4

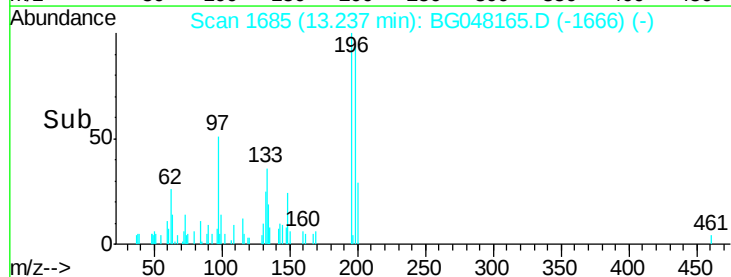
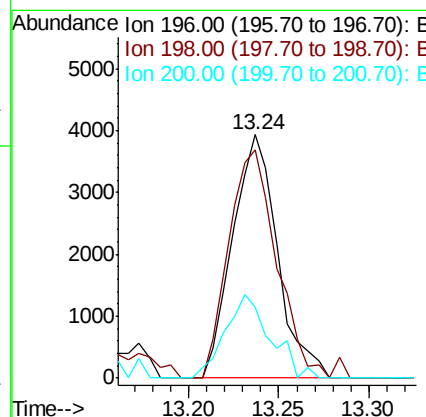
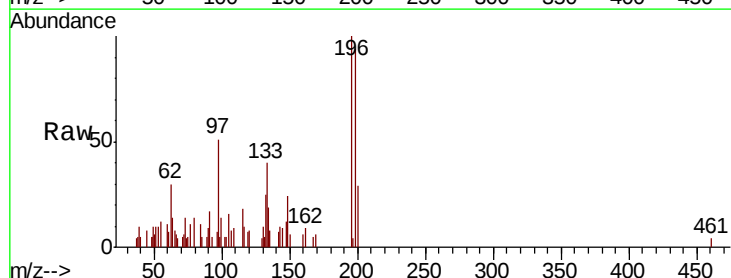
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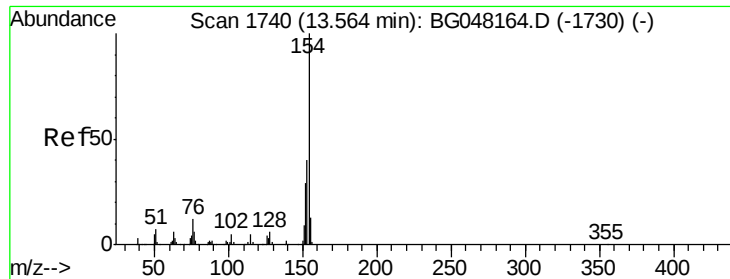
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#40
2,4,5-Trichlorophenol
Concen: 1.821 ng/ul m
RT: 13.24 min Scan# 1685
Delta R.T. 0.01 min
Lab File: BG048165.D
Acq: 16 Feb 2021 16:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	77.4	116.0
200	29.3	29.5	44.3





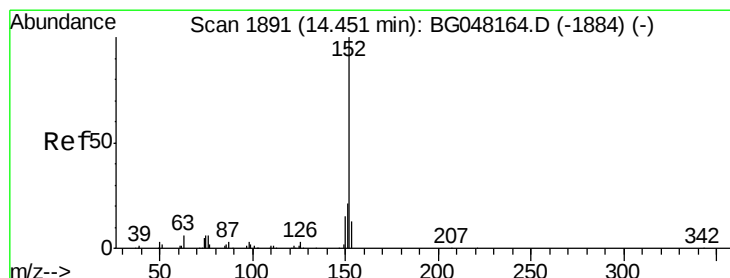
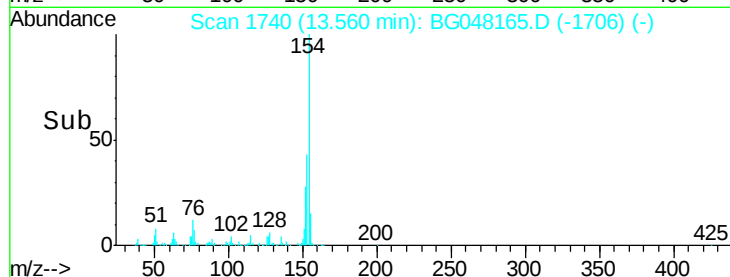
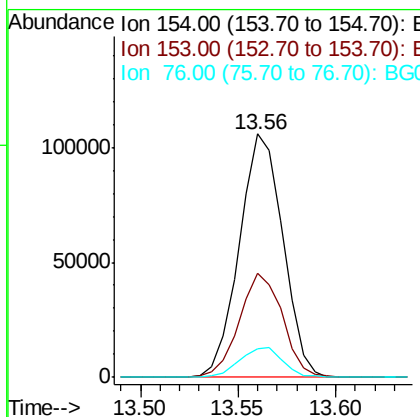
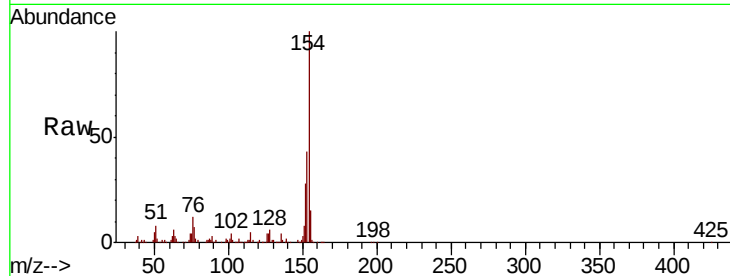
#41
1,1'-Biphenyl
Concen: 14.376 ng/ul
RT: 13.56 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG048165.D
Acq: 16 Feb 2021 16:15

Instrument :
BNA_G
ClientSampleId :
DBGLO

Tot Ion	Ratio	Resp	Lower	Upper
154	100	164059		
153	42.7		31.4	47.0
76	12.0		9.6	14.4

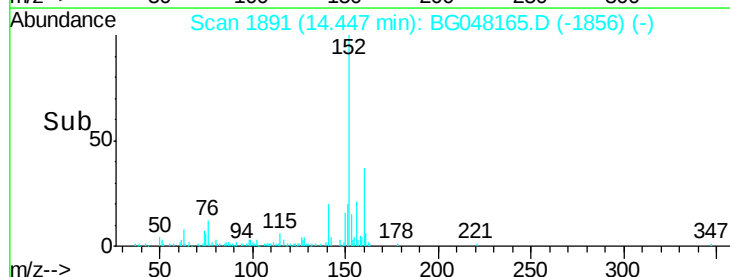
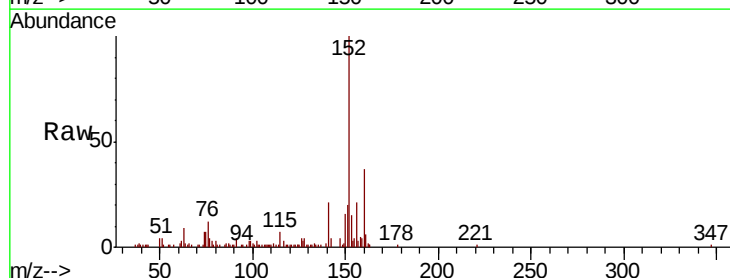
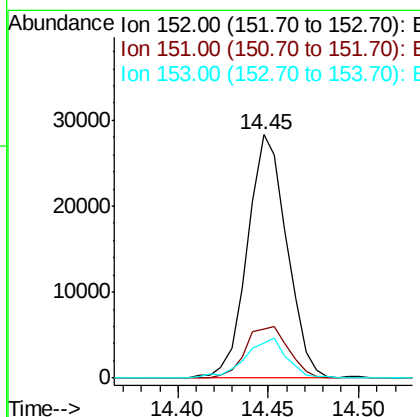
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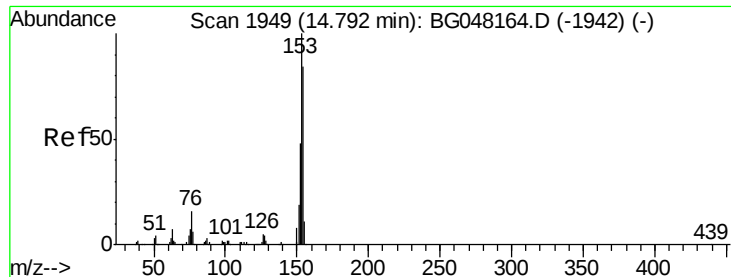
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#48
Acenaphthylene
Concen: 3.184 ng/ul
RT: 14.45 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG048165.D
Acq: 16 Feb 2021 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	42895		
151	20.0		17.8	26.6
153	14.5		11.1	16.7





#50

Acenaphthene

Concen: 48.218 ng/ul

RT: 14.79 min Scan# 1950

Delta R.T. 0.01 min

Lab File: BG048165.D

Acq: 16 Feb 2021 16:15

Instrument :

BNA_G

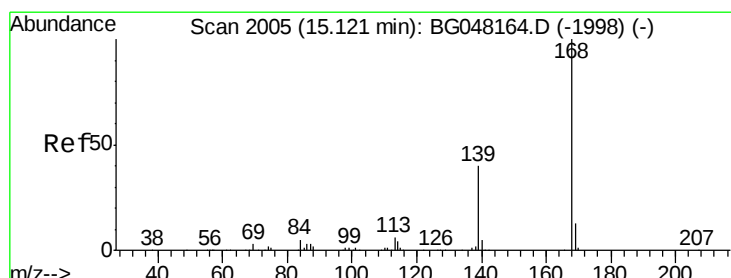
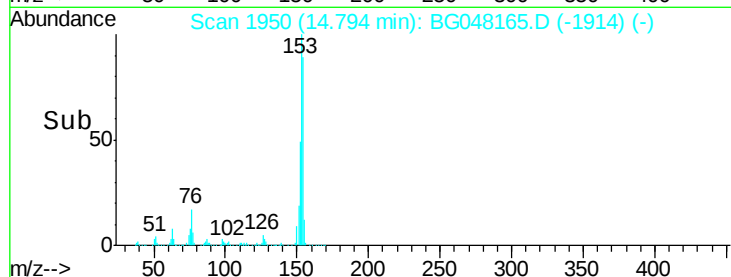
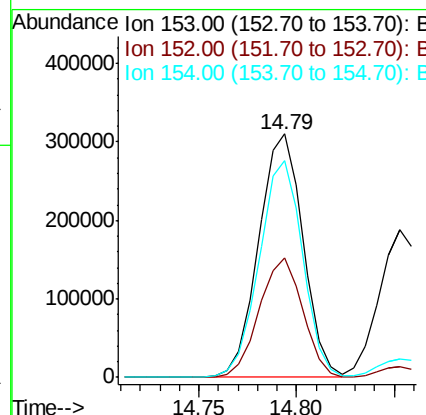
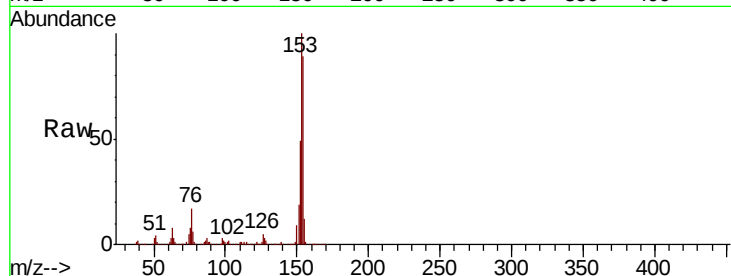
ClientSampleId :

DBGLO

Tot Ion:	153	Resp:	487524
Ion Ratio	Lower	Upper	
153	100		
152	48.8	35.7	53.5
154	88.8	66.3	99.5

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#54

Dibenzofuran

Concen: 33.300 ng/ul

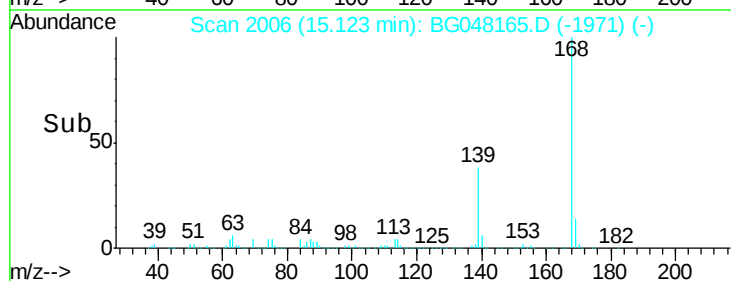
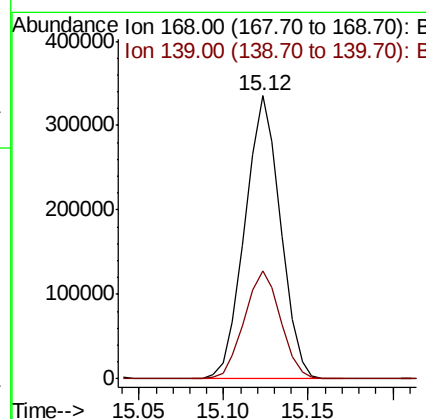
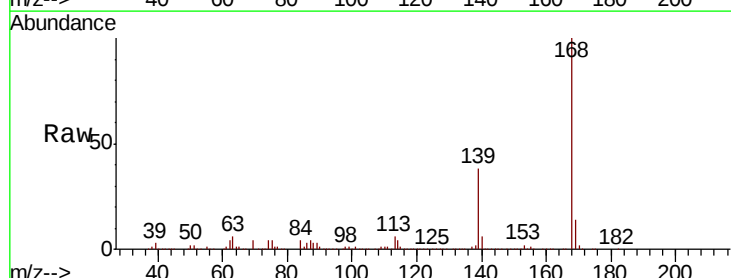
RT: 15.12 min Scan# 2006

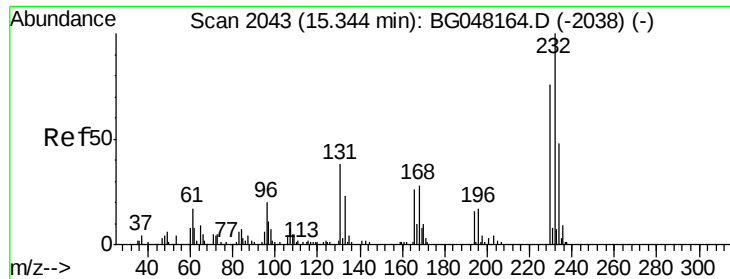
Delta R.T. 0.00 min

Lab File: BG048165.D

Acq: 16 Feb 2021 16:15

Tgt Ion:	168	Resp:	491380
Ion Ratio	Lower	Upper	
168	100		
139	38.1	30.9	46.3





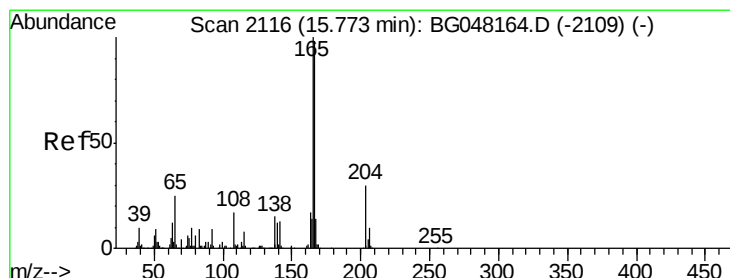
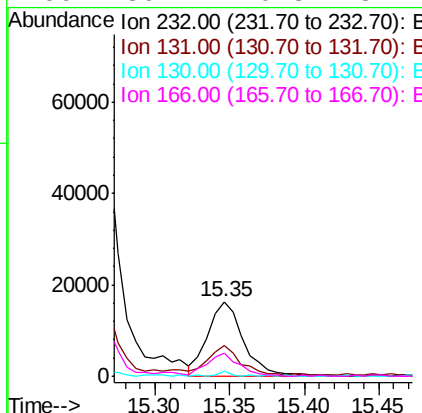
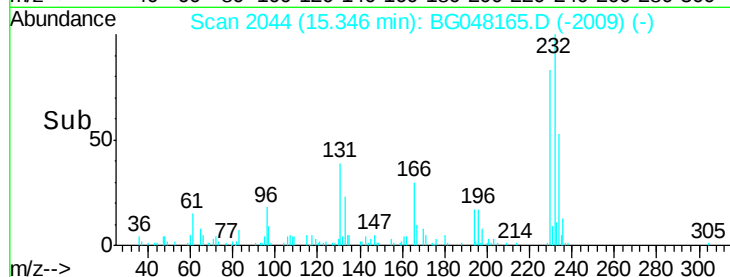
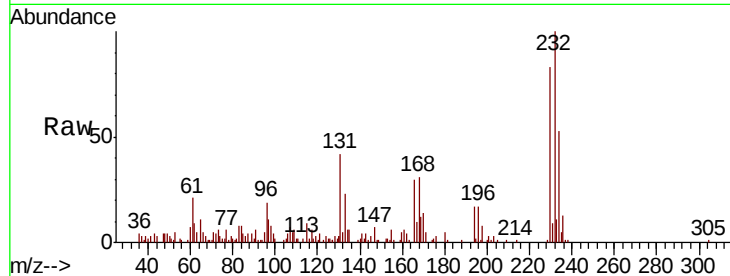
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 7.129 ng/ul
 RT: 15.35 min Scan# 2044
 Delta R.T. 0.00 min
 Lab File: BG048165.D
 Acq: 16 Feb 2021 16:15

Instrument :
 BNA_G
 ClientSampleId :
 DBGL0

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.9	31.0	46.6
130	6.8	0.0	0.0#
166	30.1	20.8	31.2

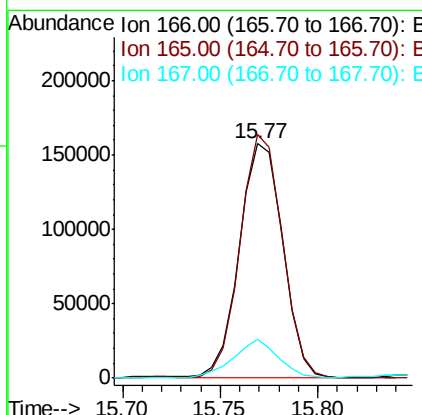
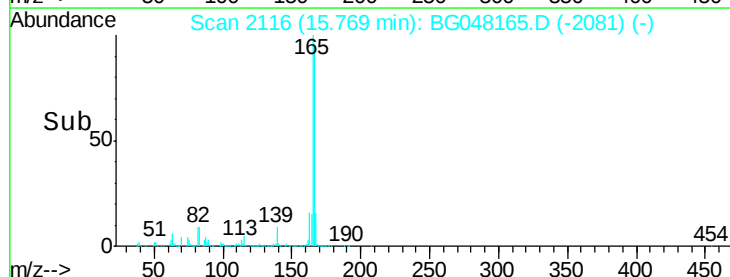
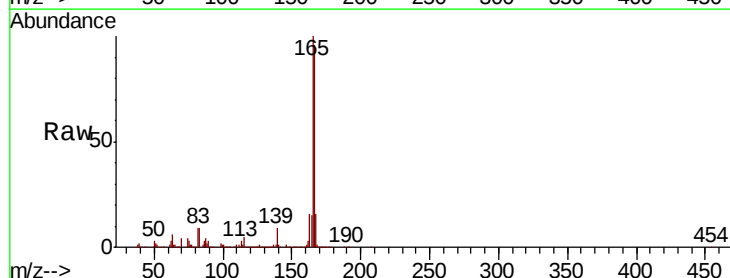
Manual Integrations
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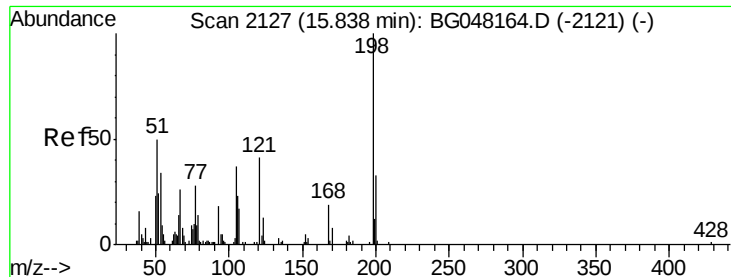
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#59
 Fluorene
 Concen: 20.370 ng/ul
 RT: 15.77 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG048165.D
 Acq: 16 Feb 2021 16:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.8	79.4	119.0
167	16.6	10.6	16.0#





#64

4,6-Dinitro-2-methylphenol

Concen: 9.062 ng/ul

RT: 15.83 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG048165.D

Acq: 16 Feb 2021 16:15

Instrument :

BNA_G

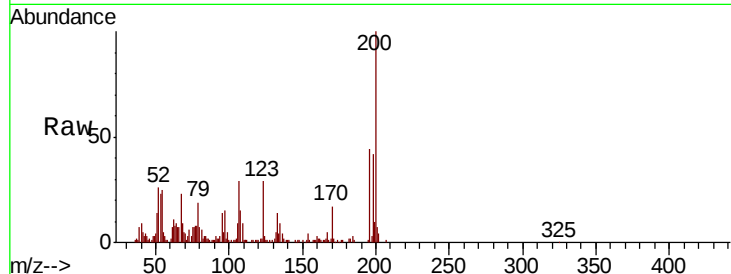
ClientSampleId :

DBGLO

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
182	4.3	3.5	5.3	
77	18.0	22.1	33.1	

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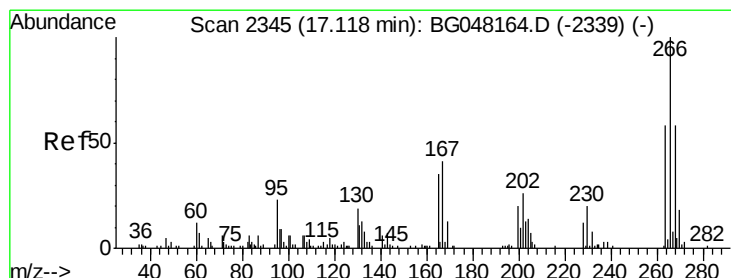
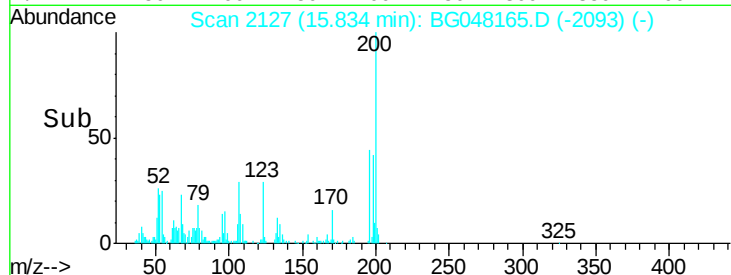
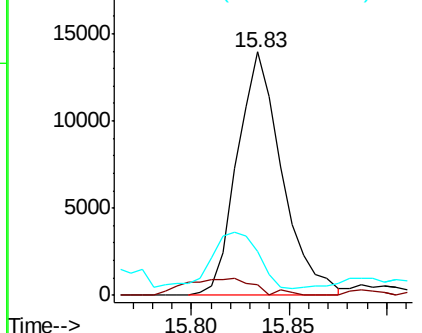


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B



#69

Pentachlorophenol

Concen: 34.257 ng/ul m

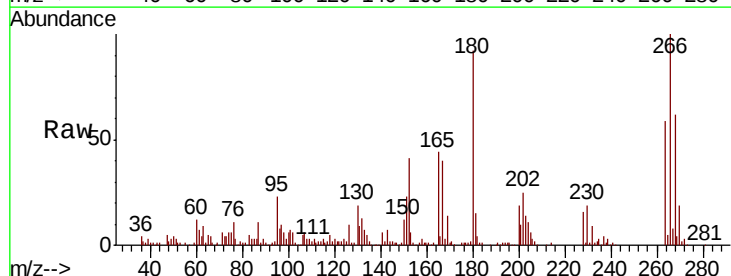
RT: 17.11 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG048165.D

Acq: 16 Feb 2021 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
264	59.2	55.0	82.4	
268	62.1	41.0	61.4	

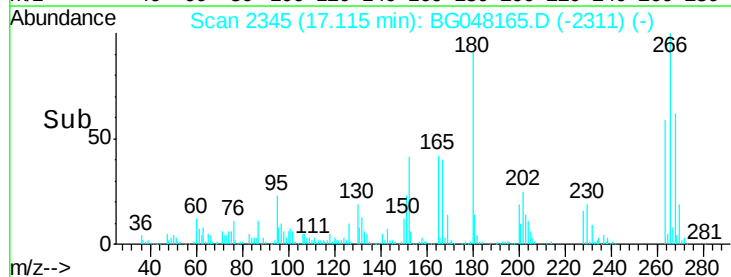
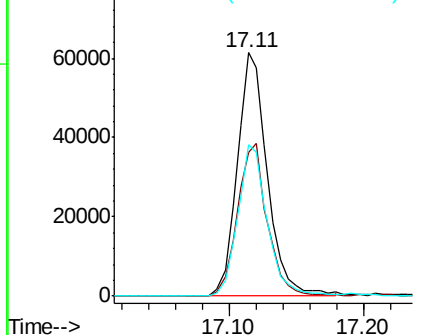


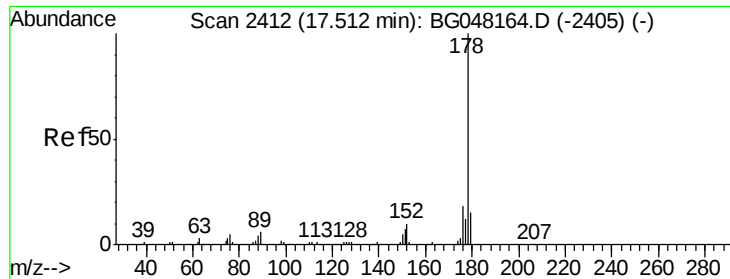
Abundance

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





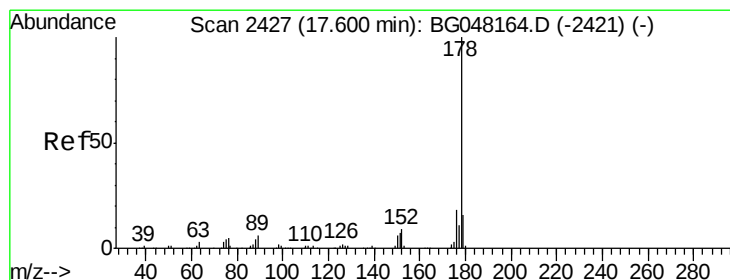
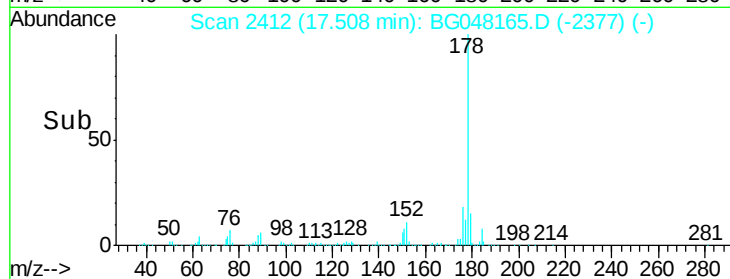
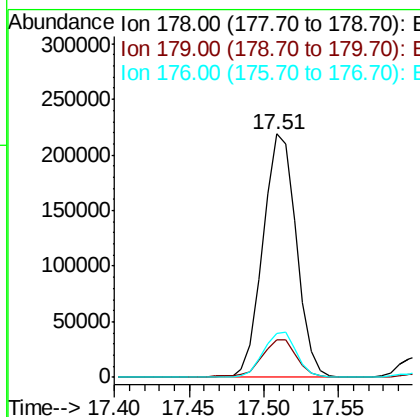
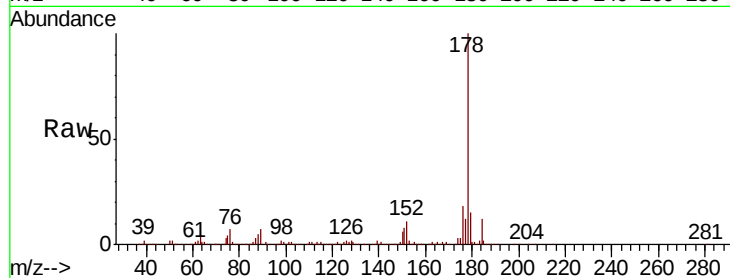
#70
Phenanthrene
Concen: 16.857 ng/ul
RT: 17.51 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG048165.D
Acq: 16 Feb 2021 16:15

Instrument :
BNA_G
ClientSampled :
DBGLO

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	17.8	14.9	22.3

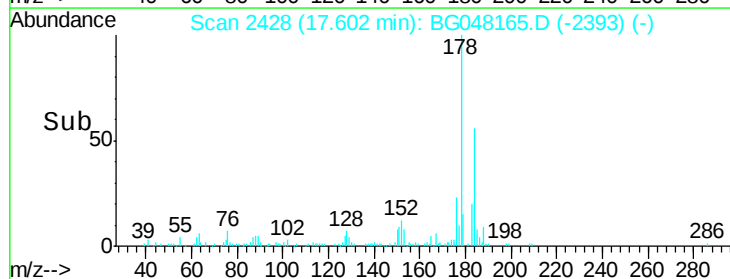
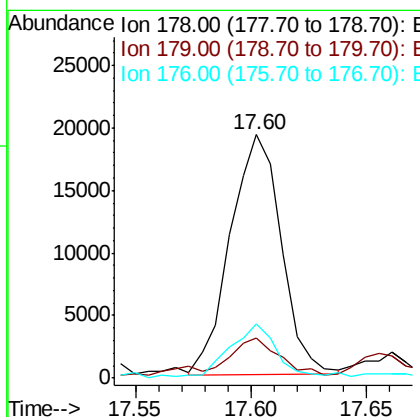
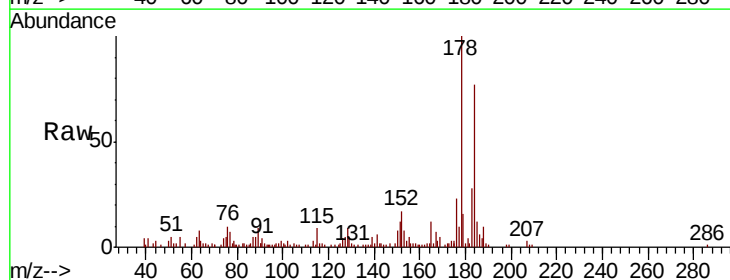
Manual Integrations
APPROVED

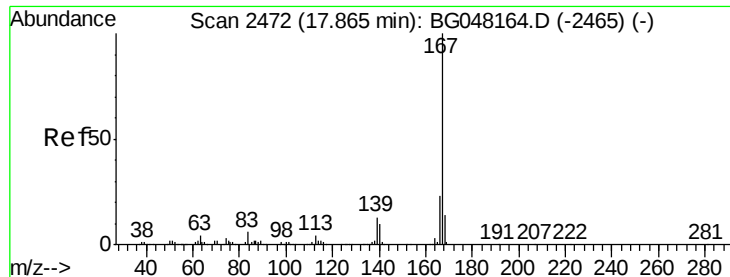
mohammad
2/17/2021 1:46:12 PM



#72
Anthracene
Concen: 1.447 ng/ul
RT: 17.60 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG048165.D
Acq: 16 Feb 2021 16:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.4	18.6
176	22.5	15.1	22.7





#75

Carbazole

Concen: 77.771 ng/ul

RT: 17.87 min Scan# 2474

Delta R.T. 0.01 min

Lab File: BG048165.D

Acq: 16 Feb 2021 16:15

Instrument :

BNA_G

ClientSampleId :

DBGLO

Tot Ion:167 Resp: 1320546

Ion Ratio Lower Upper

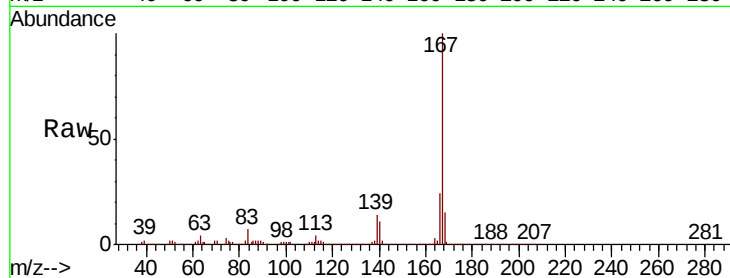
167 100

166 24.0 16.2 24.2

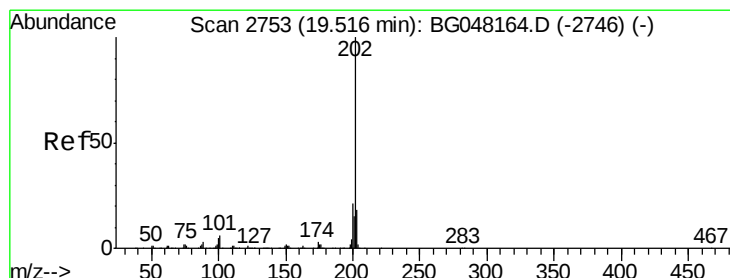
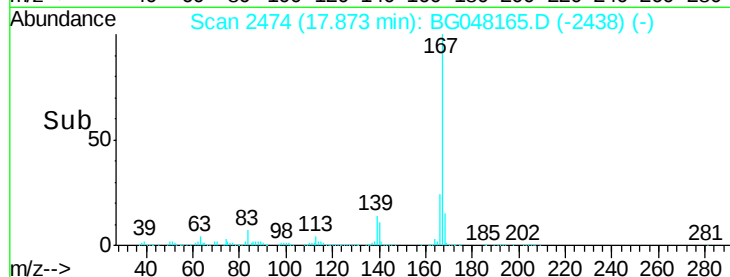
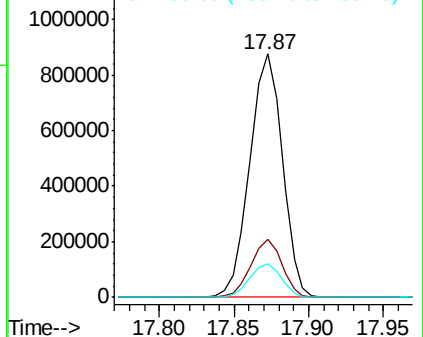
139 13.6 9.6 14.4

Manual Integrations
APPROVED

mohammad
2/17/2021 1:46:12 PM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 1.624 ng/ul

RT: 19.51 min Scan# 2753

Delta R.T. 0.00 min

Lab File: BG048165.D

Acq: 16 Feb 2021 16:15

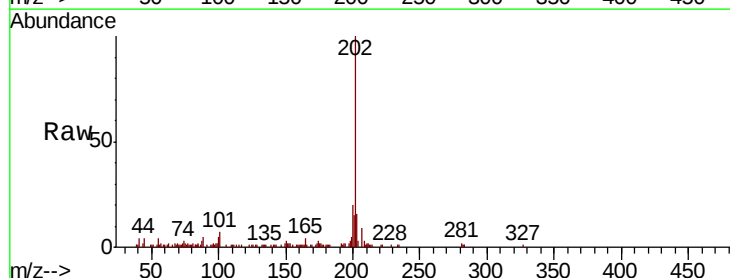
Tgt Ion:202 Resp: 39862

Ion Ratio Lower Upper

202 100

101 6.9 5.4 8.2

100 4.7 4.1 6.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

