

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048170.D
 Acq On : 16 Feb 2021 19:38
 Operator : CG/JU
 Sample : M1407-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DBGL8

Manual Integrations
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 2/17/2021 1:46:14 PM

Quant Time: Feb 17 12:23:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 16 23:25:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	213008	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	157470	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	382000	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	425736	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	431060	20.00	ng/ul	0.00

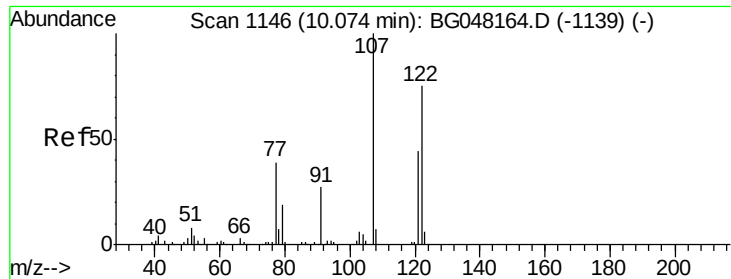
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	6716	5.41	ng/uL	0.00
5) Phenol-d5	7.25	99	37588	8.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	89084	34.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	86796	28.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	65173	19.07	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	53360	33.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	63745	33.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	114334	30.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	7426m	1.99	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	433654	37.18	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	492186	34.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	19509	9.84	ng/ul	0.00
58) Fluorene-d10	15.72	176	389689	37.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	111294	47.52	ng/ul	0.00
71) Anthracene-d10	17.57	188	650764	39.73	ng/ul	0.00
79) Pyrene-d10	19.85	212	800103	37.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	858458	39.04	ng/ul	0.00

Target Compounds

					Ovalue	
24) 2,4-Dimethylphenol	10.10	107	10926	2.516	ng/ul	98
28) Naphthalene	10.99	128	5523224	514.076	ng/ul#	73
34) 2-Methylnaphthalene	12.56	142	439550	53.823	ng/ul	96
40) 2,4,5-Trichlorophenol	13.23	196	14364	4.052	ng/ul	94
41) 1,1'-Biphenyl	13.56	154	137163	12.698	ng/ul	96
45) Dimethylphthalate	14.17	163	18709	1.552	ng/ul	96
48) Acenaphthylene	14.45	152	44855	3.517	ng/ul	99
50) Acenaphthene	14.79	153	390935	40.846	ng/ul	98
54) Dibenzofuran	15.12	168	392846	28.124	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.34	232	28397	7.836	ng/ul#	97
59) Fluorene	15.77	166	178279	15.787	ng/ul#	98
69) Pentachlorophenol	17.12	266	104413	39.070	ng/ul	91
70) Phenanthrene	17.51	178	210237	10.954	ng/ul	98
75) Carbazole	17.87	167	1447987	89.430	ng/ul	93

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



#24

2,4-Dimethylphenol

Concen: 2.516 ng/ul

RT: 10.10 min Scan# 1151

Delta R.T. 0.03 min

Lab File: BG048170.D

Acq: 16 Feb 2021 19:38

Instrument :

BNA_G

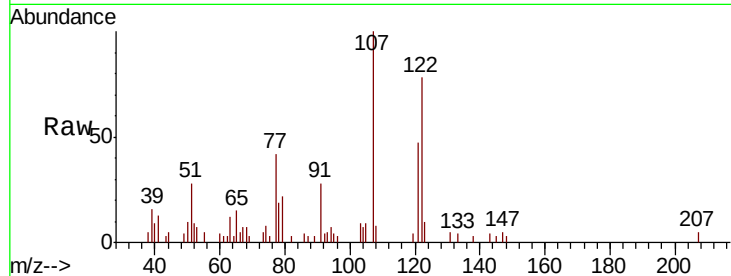
ClientSampleId :

DBGL8

Tot Ion:	107	Resp:	10926
Ion Ratio	Lower	Upper	
107	100		
121	47.1	37.1	55.7
122	77.6	60.2	90.2

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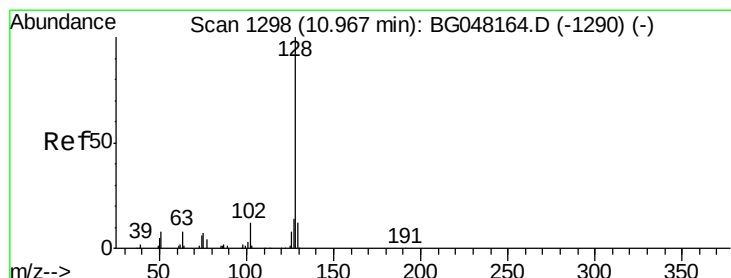
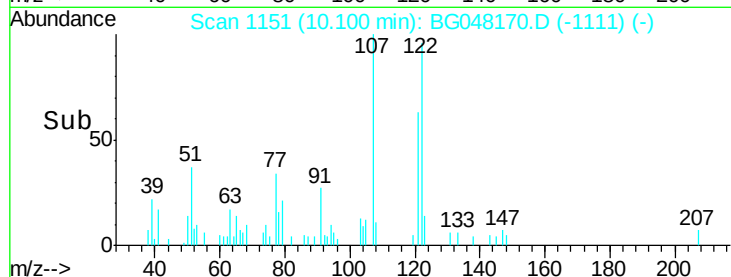
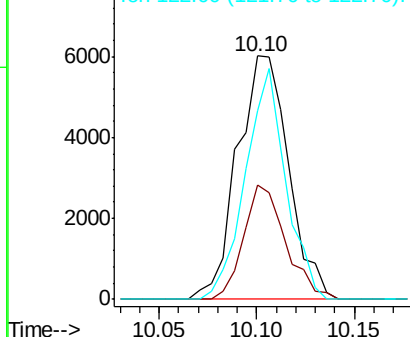


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 514.076 ng/ul

RT: 10.99 min Scan# 1302

Delta R.T. 0.02 min

Lab File: BG048170.D

Acq: 16 Feb 2021 19:38

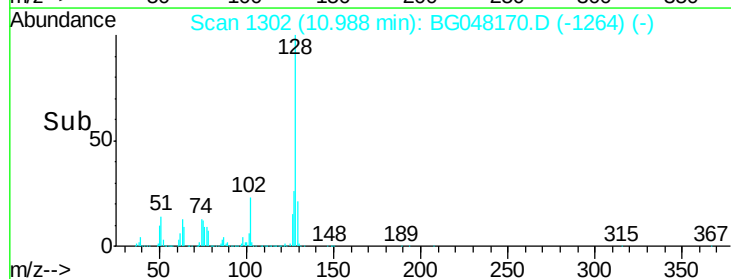
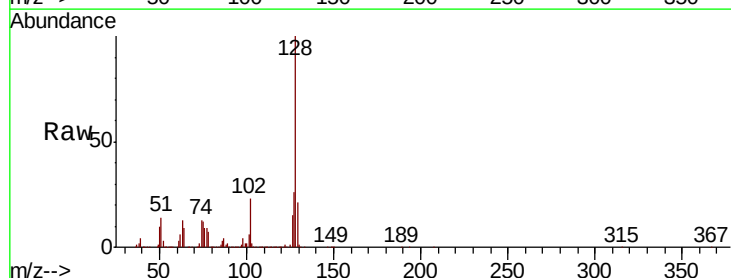
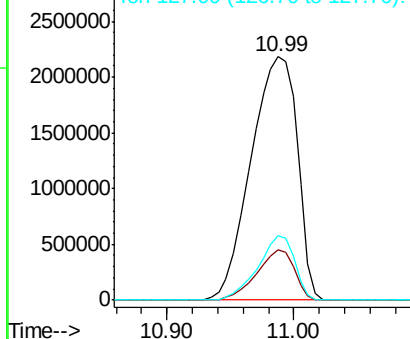
Tgt Ion:	128	Resp:	5523224
Ion Ratio	Lower	Upper	
128	100		
129	20.7	9.3	13.9#
127	26.2	11.2	16.8#

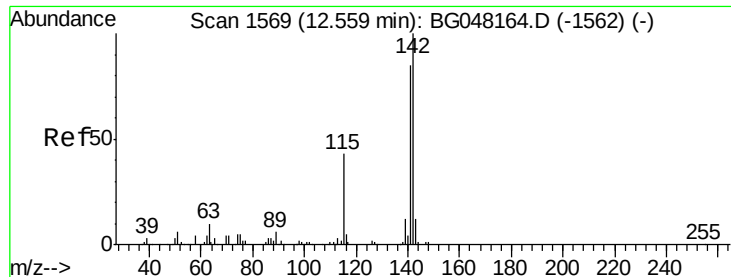
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 53.823 ng/ul

RT: 12.56 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BG048170.D

Acq: 16 Feb 2021 19:38

Instrument :

BNA_G

ClientSampleId :

DBGL8

Tot Ion:142 Resp: 439550

Ion Ratio Lower Upper

142 100

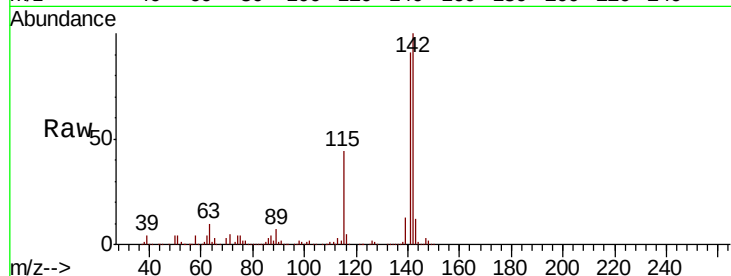
141 90.7 69.6 104.4

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

300000

250000

200000

150000

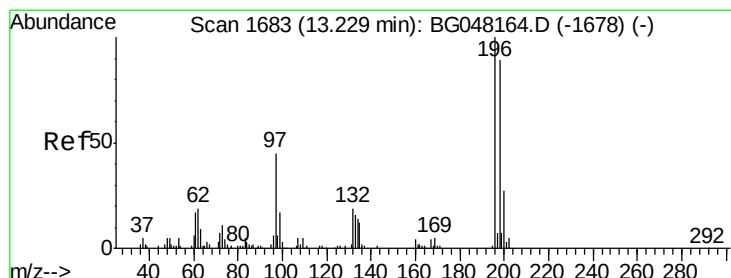
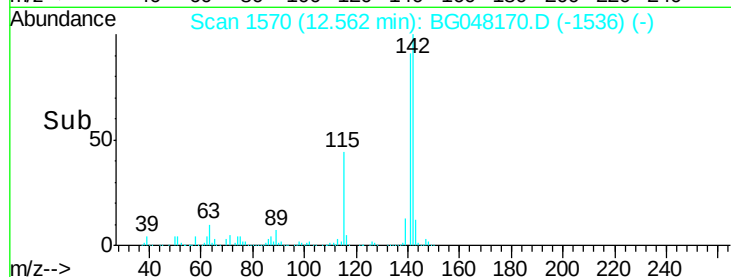
100000

50000

0

12.50 12.55 12.60

Time-->



#40

2,4,5-Trichlorophenol

Concen: 4.052 ng/ul

RT: 13.23 min Scan# 1684

Delta R.T. 0.00 min

Lab File: BG048170.D

Acq: 16 Feb 2021 19:38

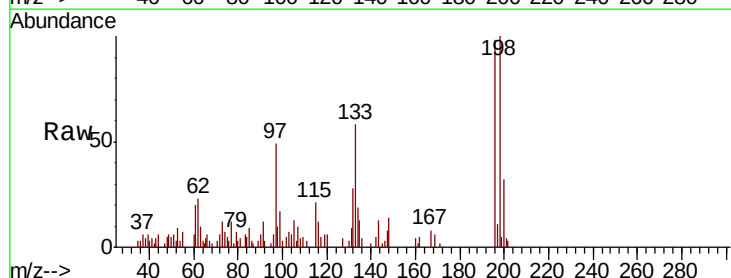
Tgt Ion:196 Resp: 14364

Ion Ratio Lower Upper

196 100

198 102.2 77.4 116.0

200 32.9 29.5 44.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

10000

8000

6000

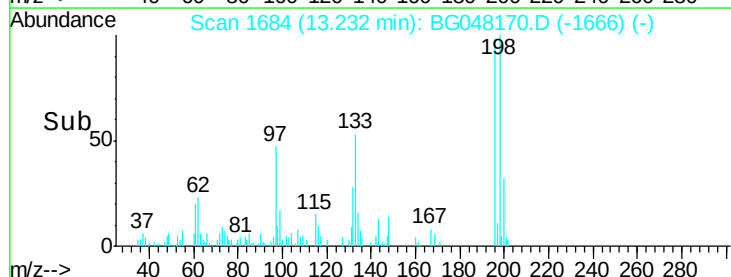
4000

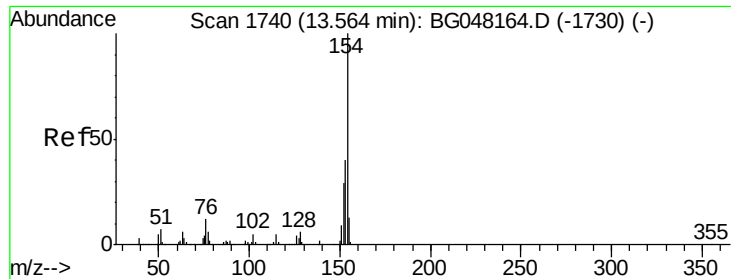
2000

0

13.20 13.25

Time-->





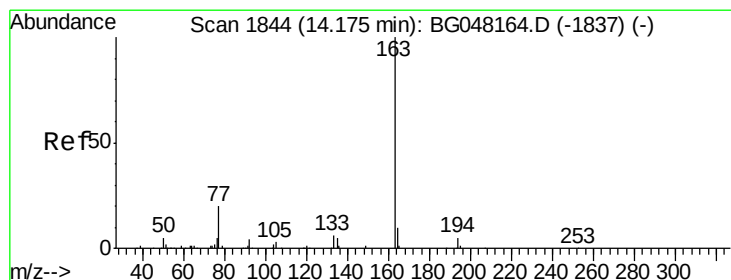
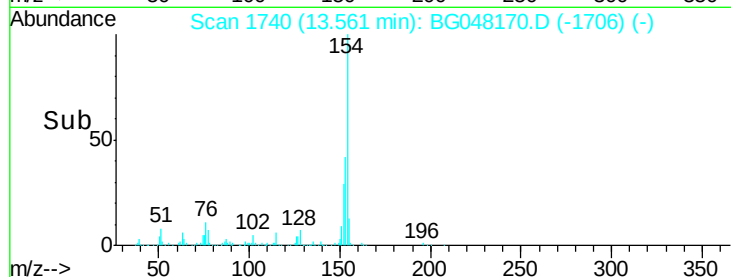
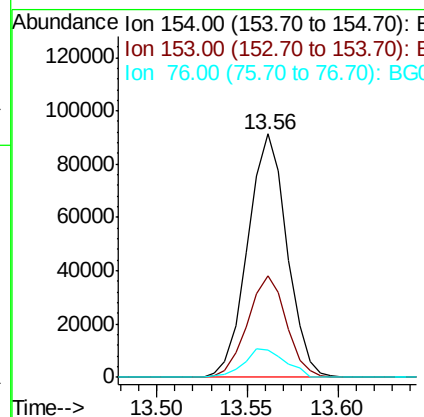
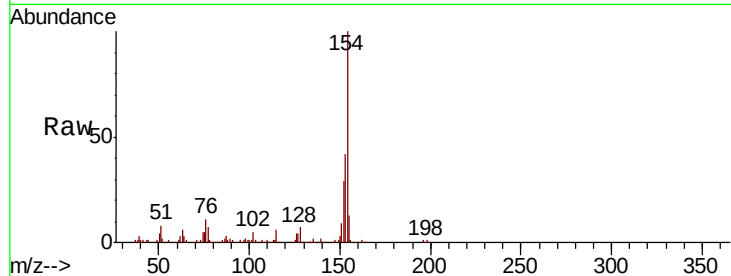
#41
1,1'-Biphenyl
Concen: 12.698 ng/ul
RT: 13.56 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG048170.D
Acq: 16 Feb 2021 19:38

Instrument :
BNA_G
ClientSampleId :
DBGL8

Tot Ion:	154	Resp:	137163
Ion Ratio	Lower	Upper	
154	100		
153	41.6	31.4	47.0
76	11.0	9.6	14.4

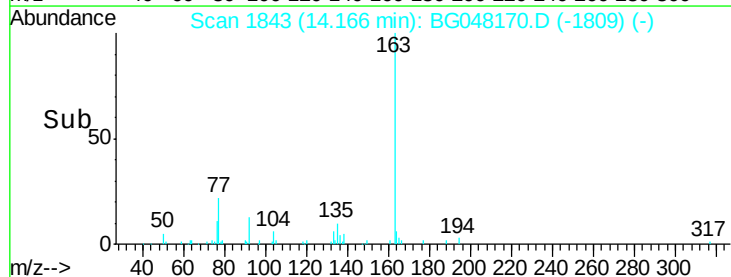
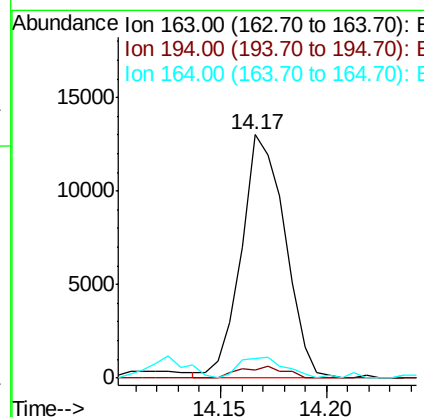
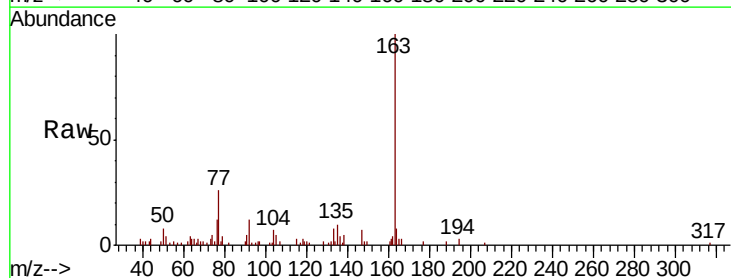
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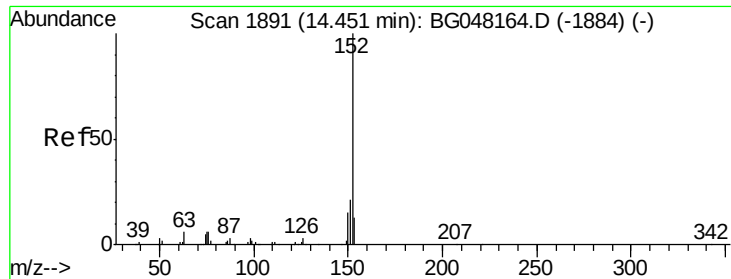
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#45
Dimethylphthalate
Concen: 1.552 ng/ul
RT: 14.17 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BG048170.D
Acq: 16 Feb 2021 19:38

Tgt Ion:	163	Resp:	18709
Ion Ratio	Lower	Upper	
163	100		
194	3.2	3.0	4.6
164	8.1	8.1	12.1





#48

Acenaphthylene

Concen: 3.517 ng/ul

RT: 14.45 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG048170.D

Acq: 16 Feb 2021 19:38

Instrument :

BNA_G

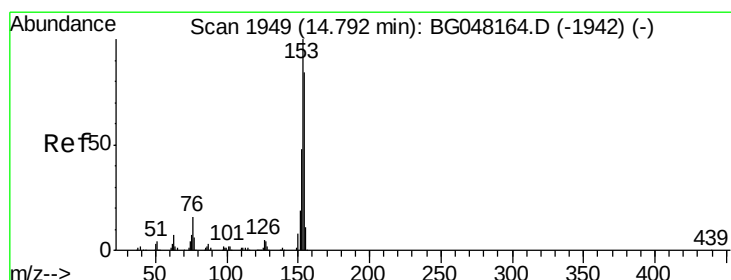
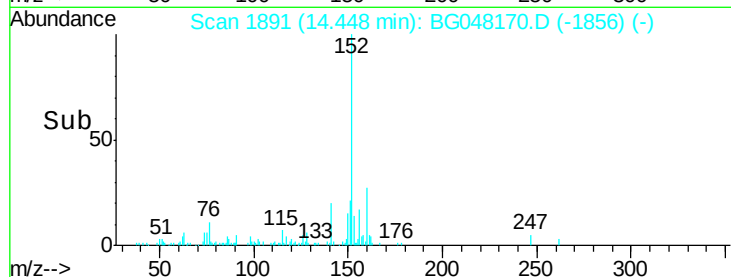
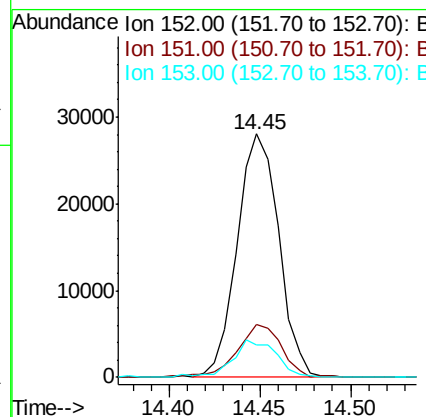
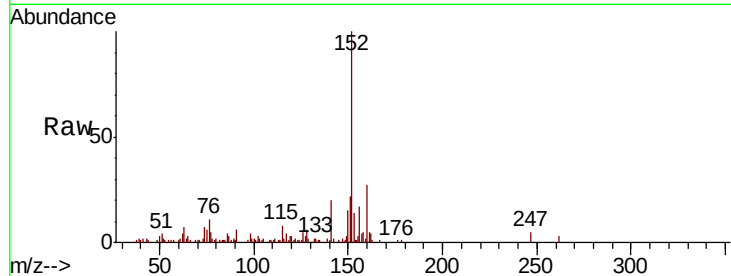
ClientSampleId :

DBGL8

Tot Ion:	152	Resp:	44855
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.8	26.6
153	13.5	11.1	16.7

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#50

Acenaphthene

Concen: 40.846 ng/ul

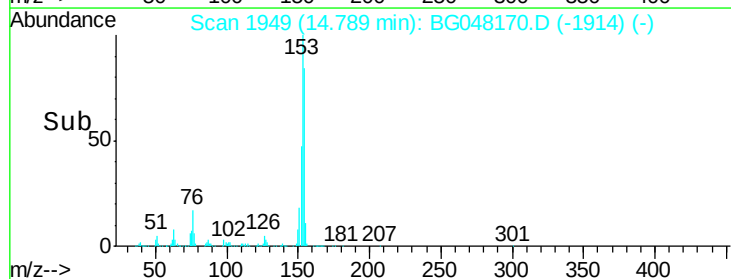
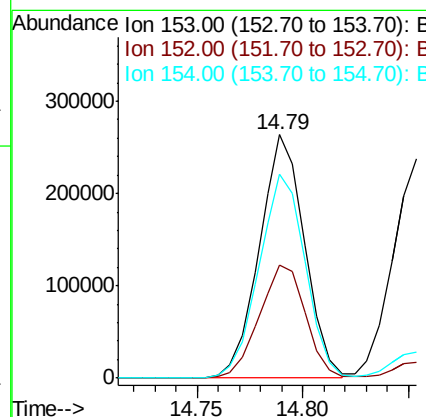
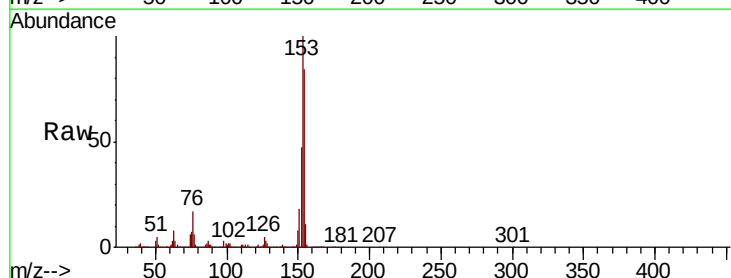
RT: 14.79 min Scan# 1949

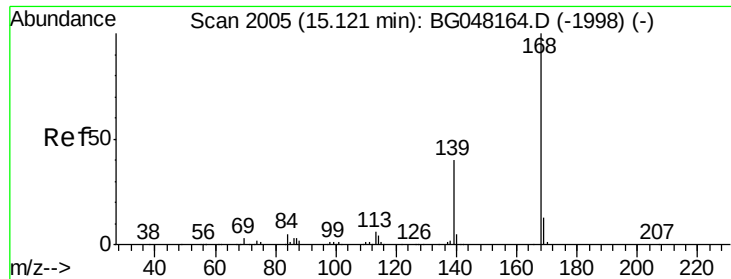
Delta R.T. 0.00 min

Lab File: BG048170.D

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Tgt Ion:	153	Resp:	390935
Ion Ratio	Lower	Upper	
153	100		
152	46.6	35.7	53.5
154	83.6	66.3	99.5





#54

Dibenzofuran

Concen: 28.124 ng/ul

RT: 15.12 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BG048170.D

Acq: 16 Feb 2021 19:38

Instrument :

BNA_G

ClientSampled :

DBGL8

Tot Ion:168 Resp: 392846

Ion Ratio Lower Upper

168 100

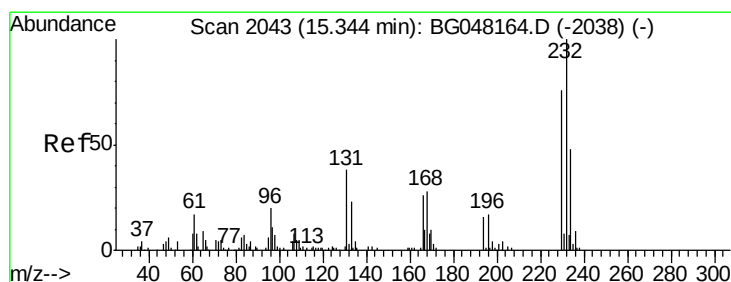
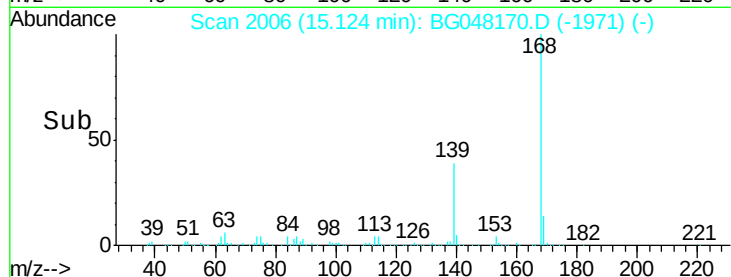
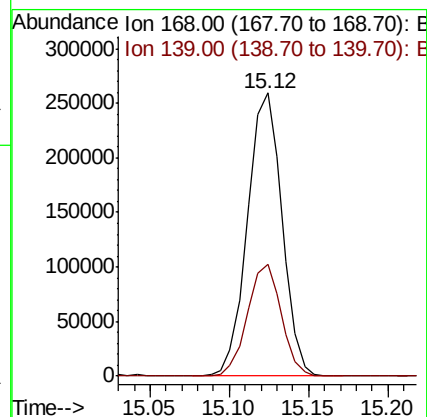
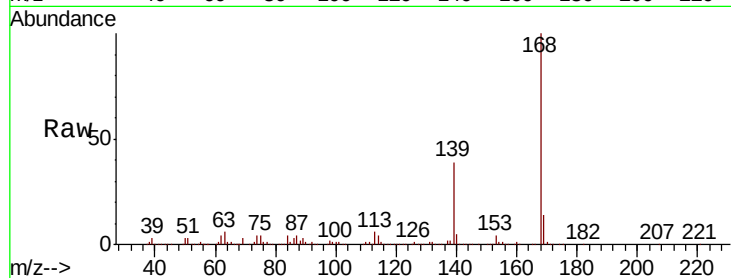
139 39.3 30.9 46.3

Manual Integrations

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#56

2,3,4,6-Tetrachlorophenol

Concen: 7.836 ng/ul

RT: 15.34 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG048170.D

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Tgt Ion:232 Resp: 28397

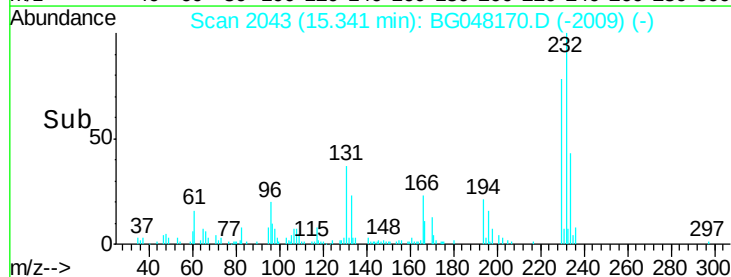
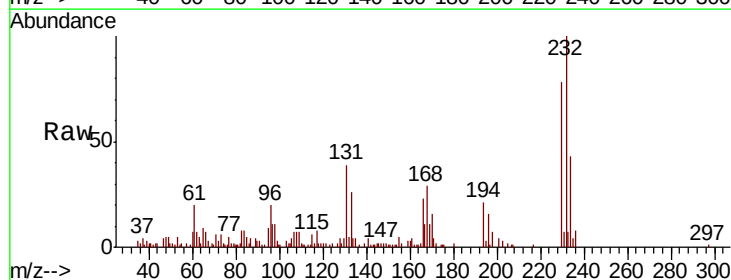
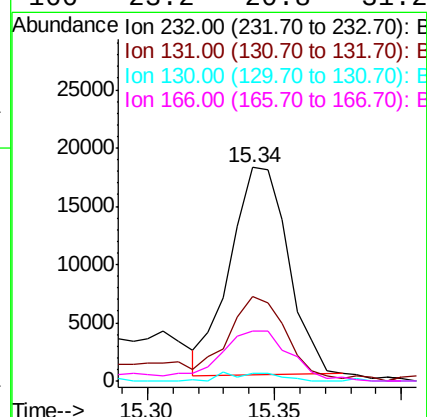
Ion Ratio Lower Upper

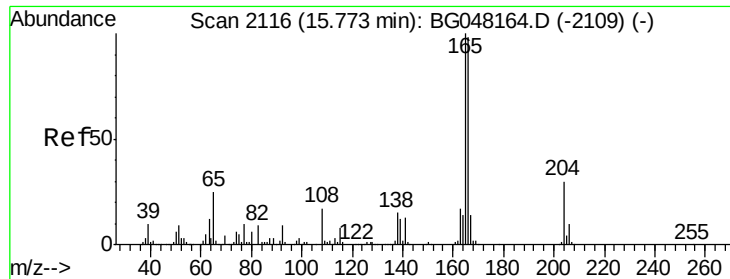
232 100

131 39.3 31.0 46.6

130 3.8 0.0 0.0#

166 23.2 20.8 31.2





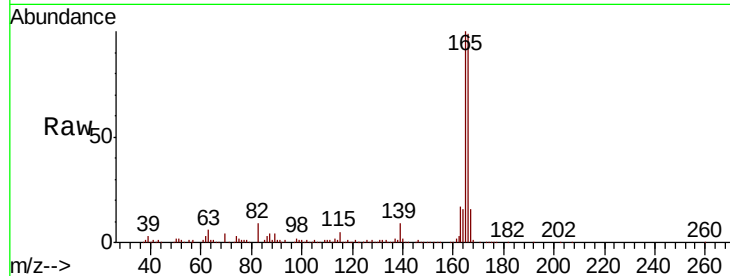
#59
Fluorene
Concen: 15.787 ng/ul
RT: 15.77 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG048170.D
Acq: 16 Feb 2021 19:38

Instrument :
BNA_G
ClientSampleId :
DBGL8

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.7	79.4	119.0	
167	16.1	10.6	16.0	

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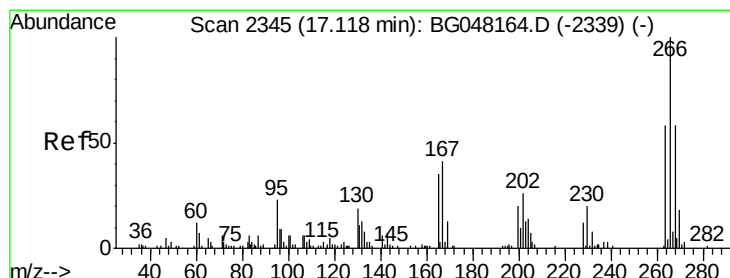
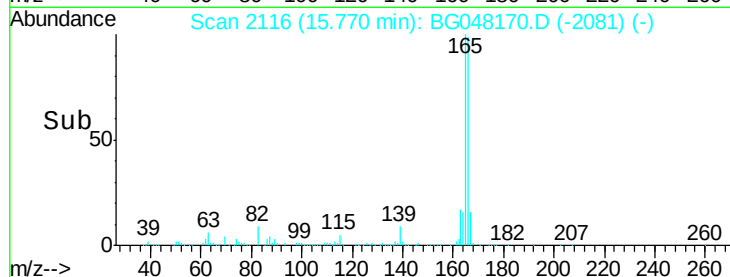
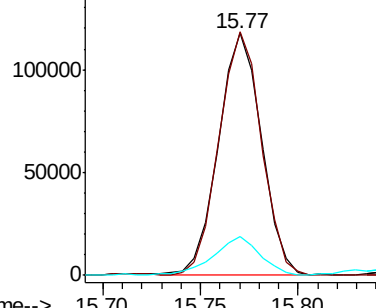


Abundance

Ion 166.00 (165.70 to 166.70): E

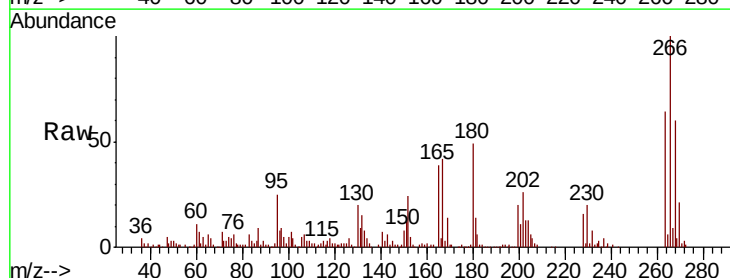
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69
Pentachlorophenol
Concen: 39.070 ng/ul
RT: 17.12 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG048170.D
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Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
264	63.5	55.0	82.4	
268	60.3	41.0	61.4	

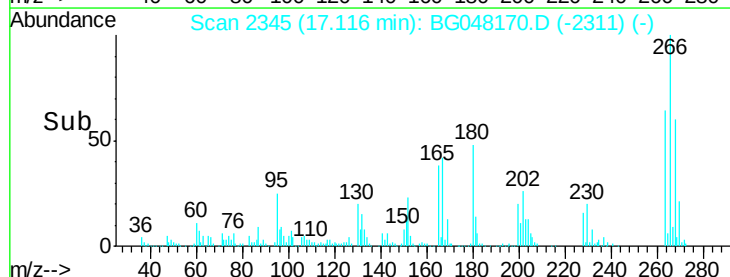
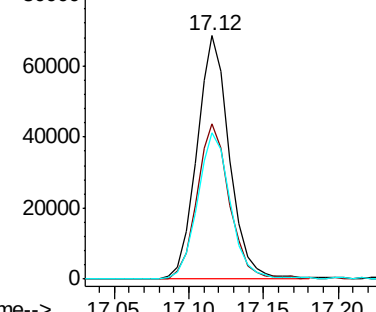


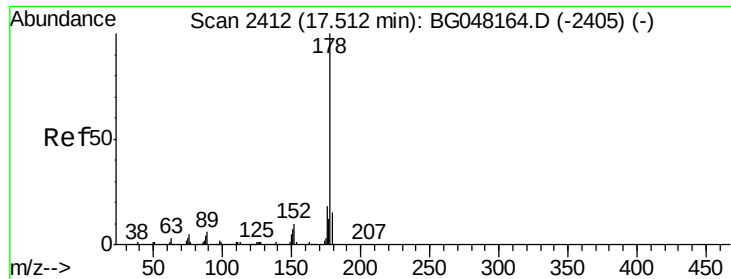
Abundance

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: 10.954 ng/ul

RT: 17.51 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG048170.D

Acq: 16 Feb 2021 19:38

Instrument :

BNA_G

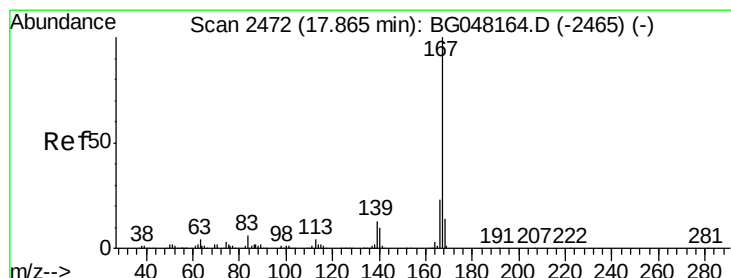
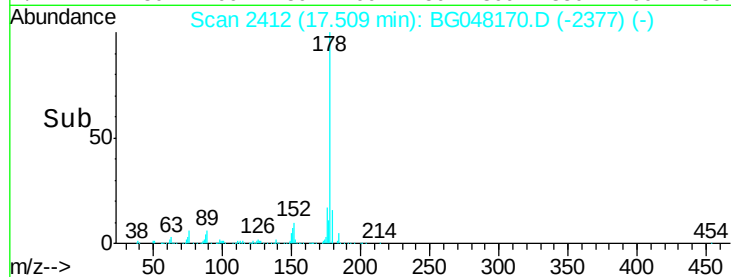
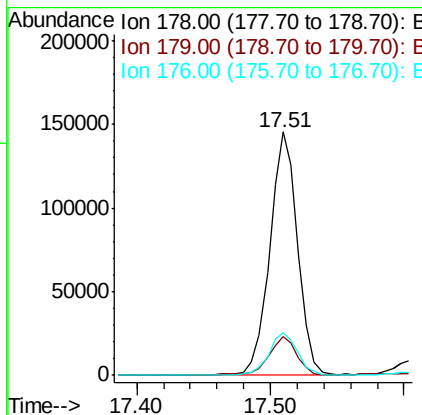
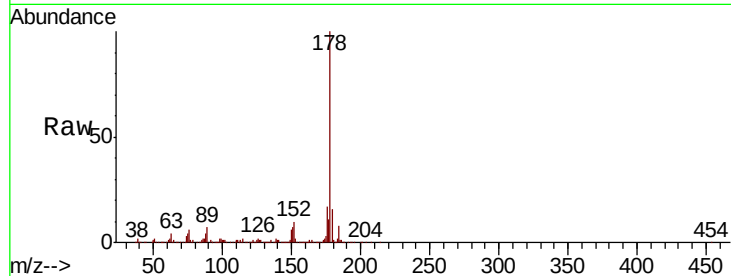
ClientSampleId :

DBG8

Tot Ion:	178	Resp:	210237
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.0	18.0
176	17.4	14.9	22.3

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#75

Carbazole

Concen: 89.430 ng/ul

RT: 17.87 min Scan# 2474

Delta R.T. 0.01 min

Lab File: BG048170.D

Acq: 16 Feb 2021 19:38

Tgt Ion:	167	Resp:	1447987
Ion Ratio	Lower	Upper	
167	100		
166	24.1	16.2	24.2
139	13.9	9.6	14.4

