

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020122\
 Data File : BG052242.D
 Acq On : 1 Feb 2022 23:28
 Operator : CG/JU
 Sample : N1307-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0Q48

Quant Time: Feb 02 02:49:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 31 18:07:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

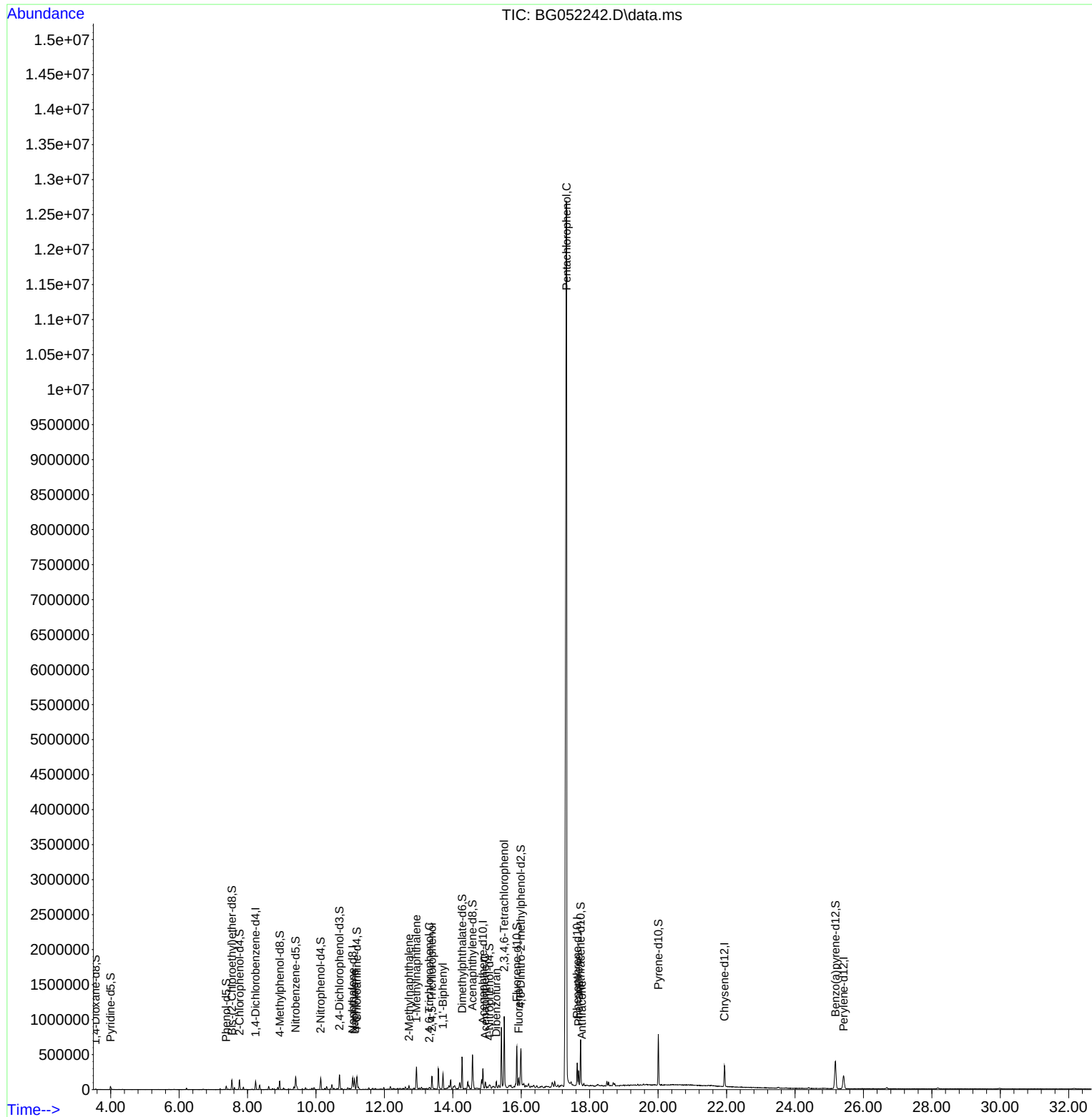
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	33594	20.000	ng/u1	0.00
20) Naphthalene-d8	11.072	136	134841	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.878	164	94790	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.633	188	204239	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.939	240	200761	20.000	ng/u1	# 0.00
88) Perylene-d12	25.417	264	209602	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.558	96	3749	4.502	ng/uL	0.00
4) Pyridine-d5	3.993	84	30722	11.862	ng/u1	0.00
7) Phenol-d5	7.377	99	23769	7.779	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.541	67	67072	36.130	ng/u1	0.00
11) 2-Chlorophenol-d4	7.764	132	59345	27.870	ng/u1	0.00
15) 4-Methylphenol-d8	8.939	113	42822	18.467	ng/u1	0.00
21) Nitrobenzene-d5	9.403	128	41698	37.979	ng/u1	0.00
24) 2-Nitrophenol-d4	10.138	143	44799	37.341	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.684	165	77281	33.042	ng/u1	0.00
31) 4-Chloroaniline-d4	11.195	131	99234	33.449	ng/u1	0.00
46) Dimethylphthalate-d6	14.273	166	286556	38.460	ng/u1	0.00
49) Acenaphthylene-d8	14.573	160	349295	37.612	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	9499	8.418	ng/u1	0.00
60) Fluorene-d10	15.871	176	240186	36.795	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	88519	70.203	ng/u1	0.00
73) Anthracene-d10	17.733	188	387168	40.210	ng/u1	0.00
81) Pyrene-d10	20.007	212	440527	36.613	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.182	264	446057	40.058	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	11.125	128	103969	14.102	ng/u1	97
36) 2-Methylnaphthalene	12.717	142	21169	4.092	ng/u1	95
37) 1-Methylnaphthalene	12.934	142	145852	27.402	ng/u1	96
41) 2,4,6-Trichlorophenol	13.316	196	5159	2.532	ng/u1	98
42) 2,4,5-Trichlorophenol	13.386	196	51755	23.587	ng/u1	98
43) 1,1'-Biphenyl	13.709	154	112291	15.111	ng/u1#	95
52) Acenaphthene	14.943	153	19235	3.152	ng/u1#	88
56) Dibenzofuran	15.272	168	33628	3.806	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.501	232	229214	119.337	ng/u1	91
61) Fluorene	15.924	166	59216	8.077	ng/u1	97
71) Pentachlorophenol	17.322	266	3372293	2538.282	ng/u1	94
72) Phenanthrene	17.675	178	134397	12.491	ng/u1	98
74) Anthracene	17.769	178	14996	1.412	ng/u1	95

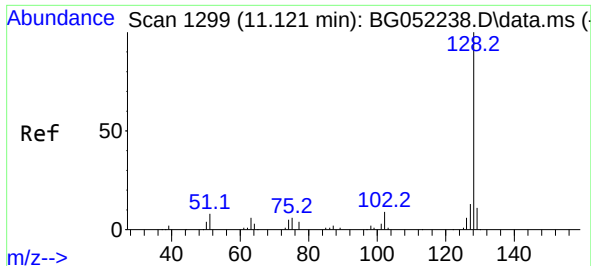
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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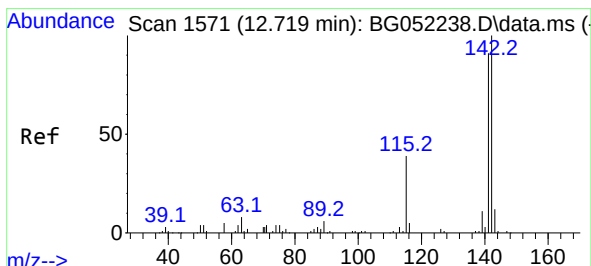
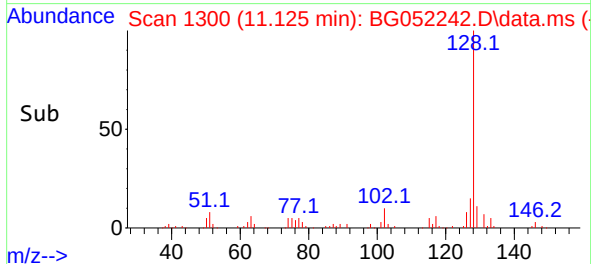
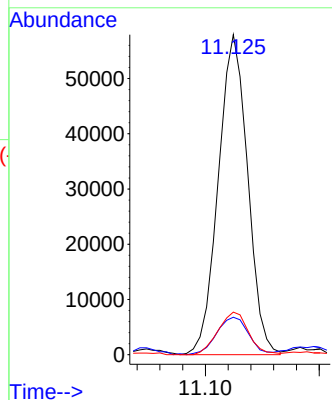
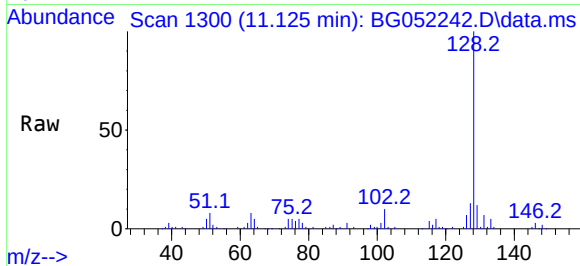




#30
Naphthalene
Concen: 14.102 ng/ul
RT: 11.125 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG052242.D
Acq: 1 Feb 2022 23:28

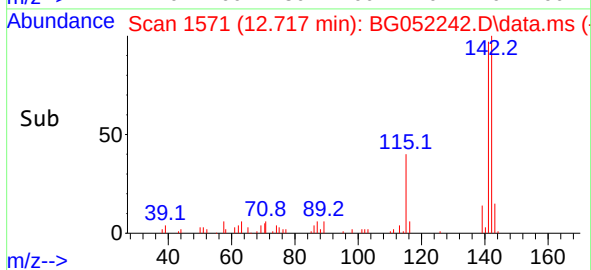
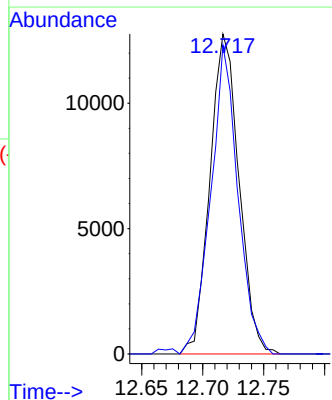
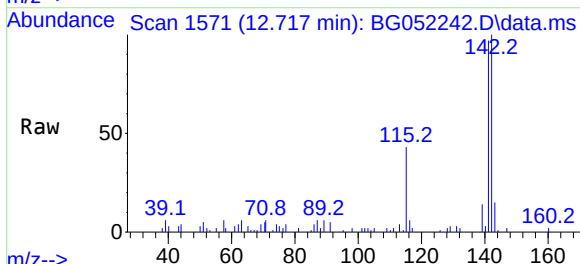
Instrument :
BNA_G
ClientSampleId :
C0Q48

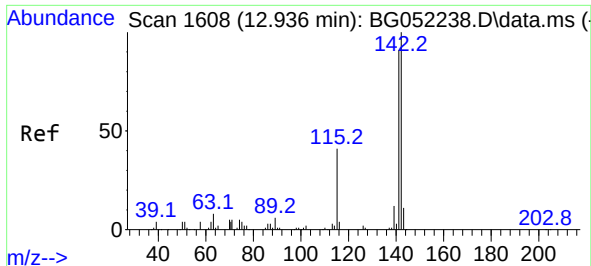
Tgt Ion:128 Resp: 103969
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 13.3 11.8 17.6



#36
2-Methylnaphthalene
Concen: 4.092 ng/ul
RT: 12.717 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BG052242.D
Acq: 1 Feb 2022 23:28

Tgt Ion:142 Resp: 21169
Ion Ratio Lower Upper
142 100
141 96.6 73.3 109.9





#37

1-Methylnaphthalene

Concen: 27.402 ng/ul

RT: 12.934 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG052242.D

Acq: 1 Feb 2022 23:28

Instrument :

BNA_G

ClientSampleId :

C0Q48

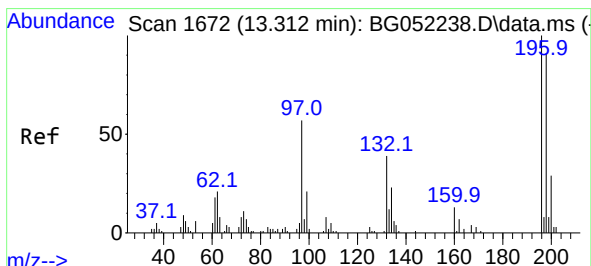
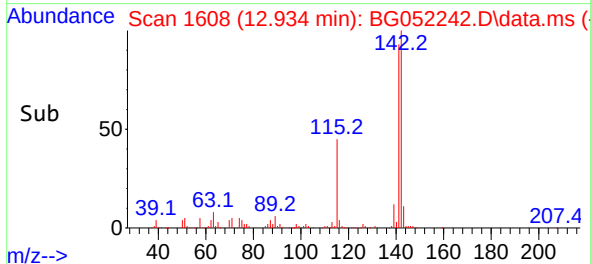
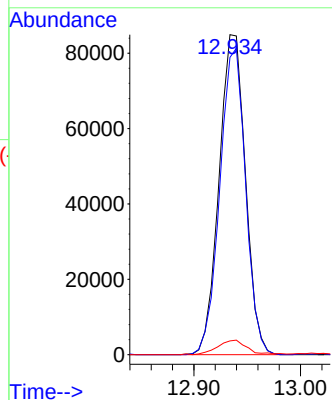
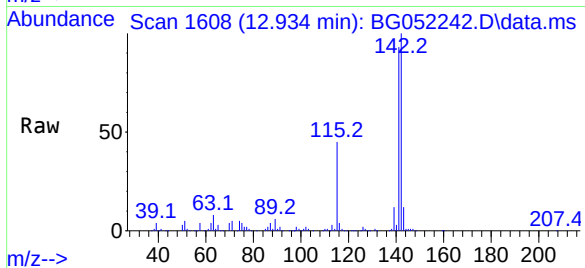
Tgt Ion:142 Resp: 145852

Ion Ratio Lower Upper

142 100

141 92.9 77.8 116.8

116 4.3 3.3 4.9



#41

2,4,6-Trichlorophenol

Concen: 2.532 ng/ul

RT: 13.316 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BG052242.D

Acq: 1 Feb 2022 23:28

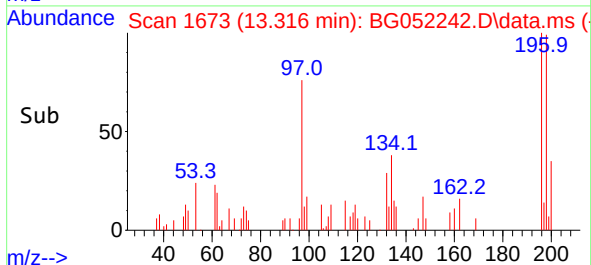
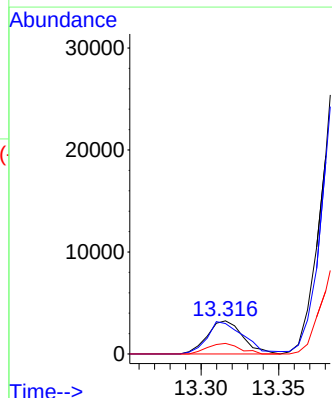
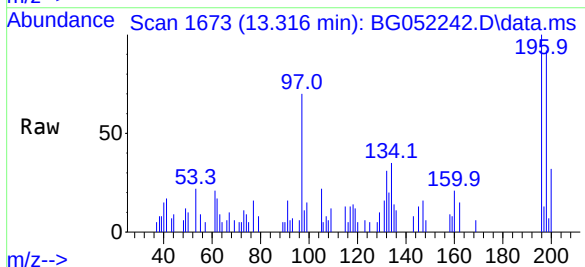
Tgt Ion:196 Resp: 5159

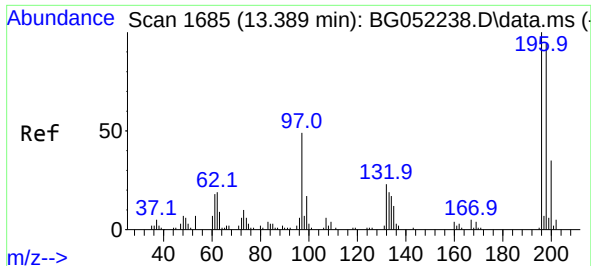
Ion Ratio Lower Upper

196 100

198 91.6 74.3 111.5

200 32.0 23.8 35.6

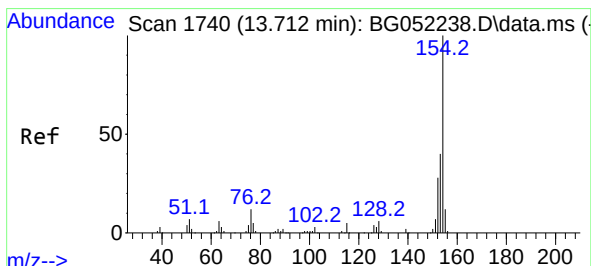
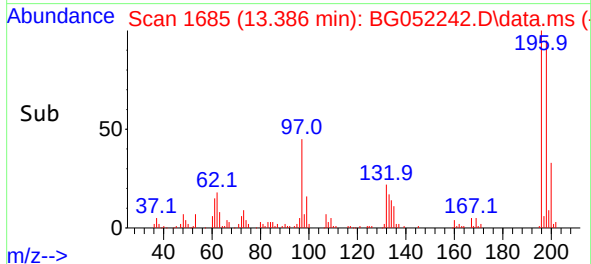
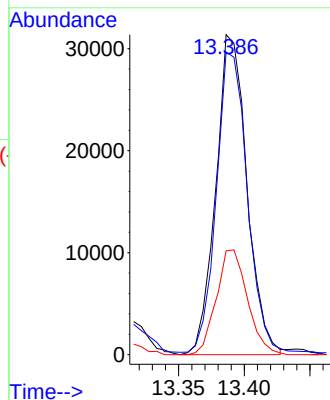
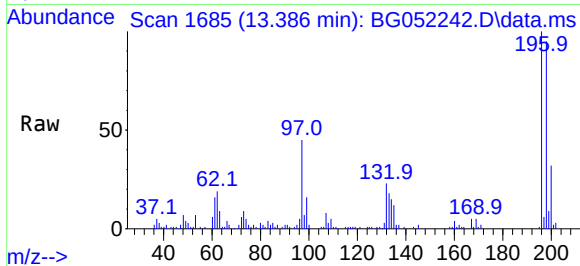




#42
2,4,5-Trichlorophenol
Concen: 23.587 ng/ul
RT: 13.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052242.D
Acq: 1 Feb 2022 23:28

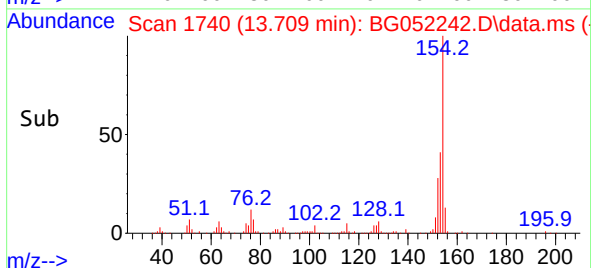
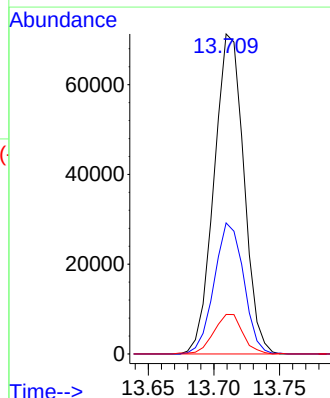
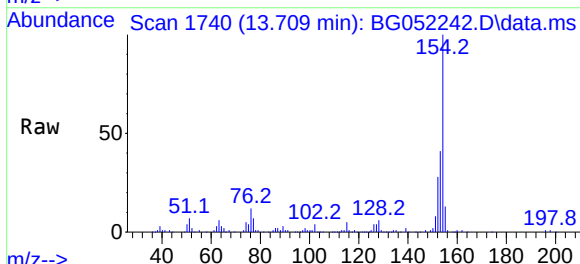
Instrument :
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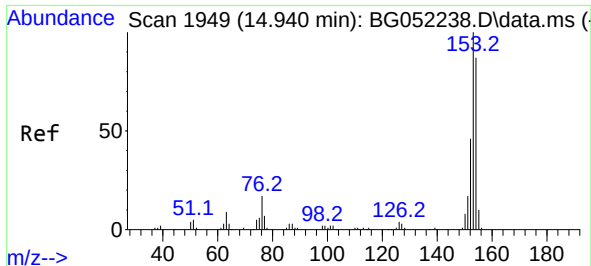
Tgt Ion:196 Resp: 51755
Ion Ratio Lower Upper
196 100
198 94.5 77.0 115.4
200 32.4 25.4 38.2



#43
1,1'-Biphenyl
Concen: 15.111 ng/ul
RT: 13.709 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG052242.D
Acq: 1 Feb 2022 23:28

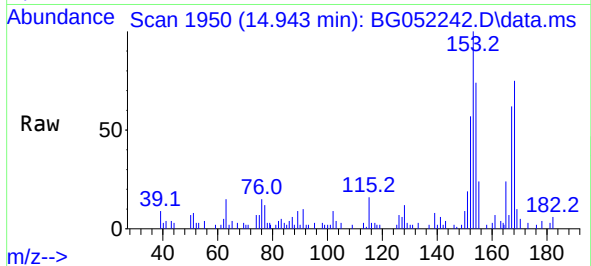
Tgt Ion:154 Resp: 112291
Ion Ratio Lower Upper
154 100
153 41.0 34.5 51.7
76 12.4 13.1 19.7#



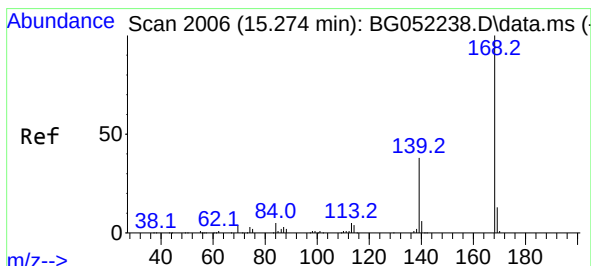
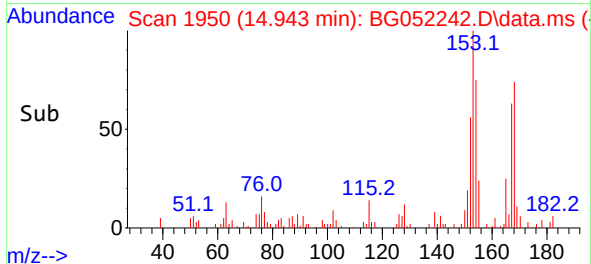
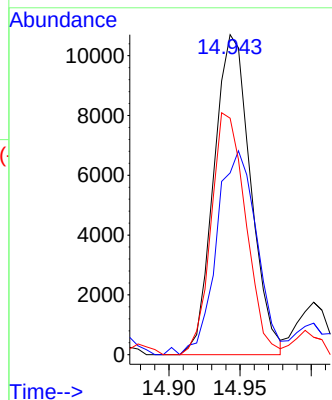


#52
Acenaphthene
Concen: 3.152 ng/ul
RT: 14.943 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BG052242.D
Acq: 1 Feb 2022 23:28

Instrument :
BNA_G
ClientSampleId :
C0Q48

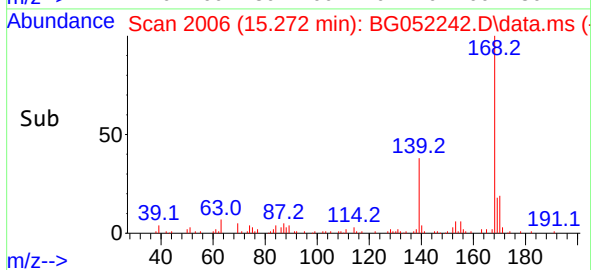
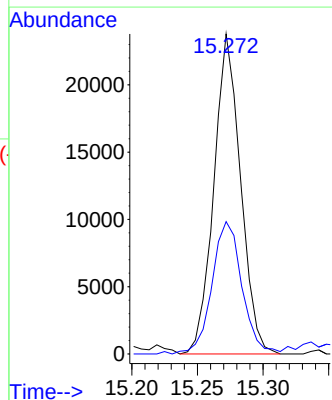
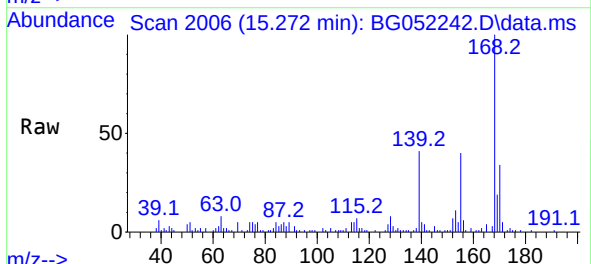


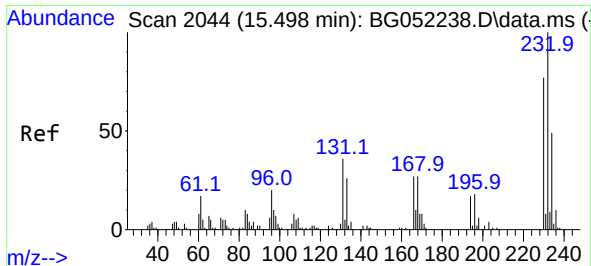
Tgt Ion:153 Resp: 19235
Ion Ratio Lower Upper
153 100
152 56.8 36.5 54.7#
154 73.9 65.8 98.6



#56
Dibenzofuran
Concen: 3.806 ng/ul
RT: 15.272 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BG052242.D
Acq: 1 Feb 2022 23:28

Tgt Ion:168 Resp: 33628
Ion Ratio Lower Upper
168 100
139 41.3 31.2 46.8

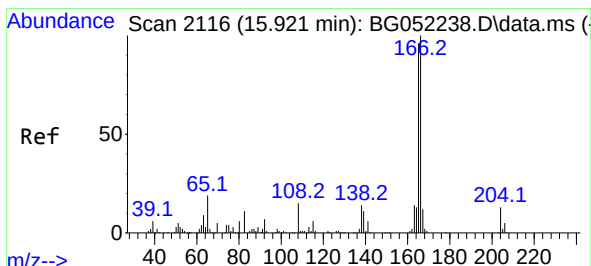
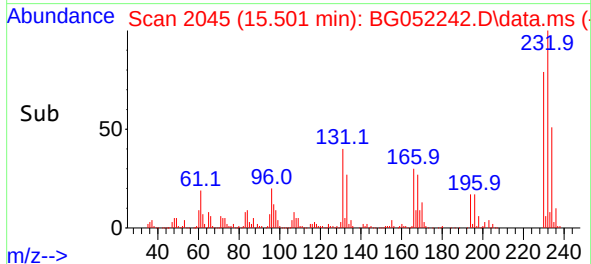
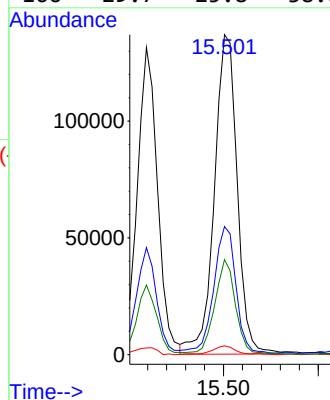
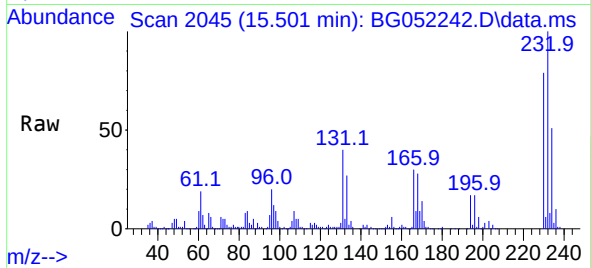




#58
2,3,4,6-Tetrachlorophenol
Concen: 119.337 ng/ul
RT: 15.501 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BG052242.D
Acq: 1 Feb 2022 23:28

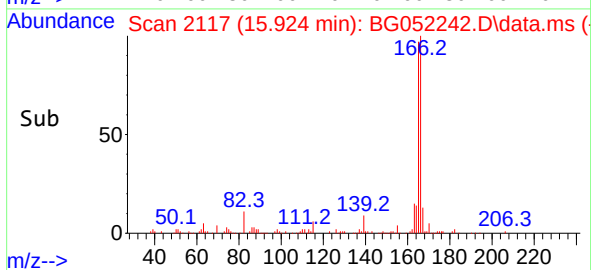
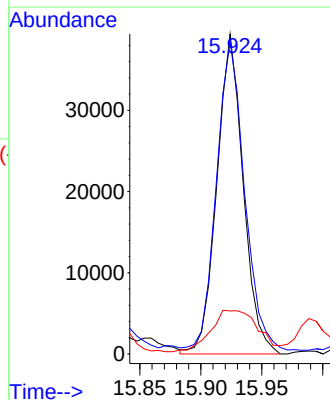
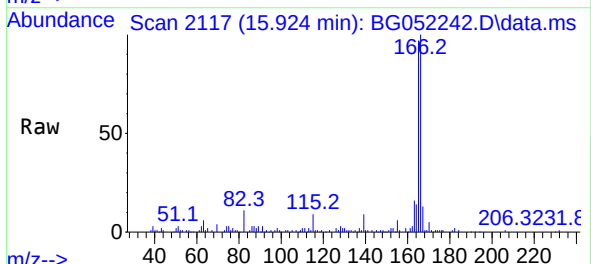
Instrument :
BNA_G
ClientSampleId :
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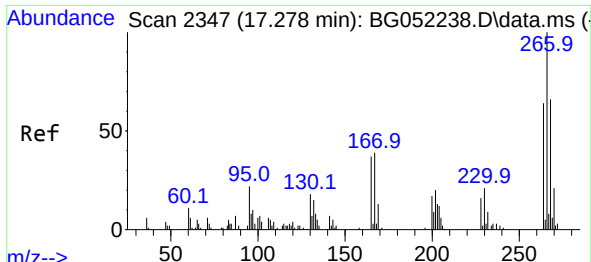
Tgt Ion:232 Resp: 229214
Ion Ratio Lower Upper
232 100
131 40.0 38.9 58.3
130 2.8 2.4 3.6
166 29.7 25.8 38.8



#61
Fluorene
Concen: 8.077 ng/ul
RT: 15.924 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BG052242.D
Acq: 1 Feb 2022 23:28

Tgt Ion:166 Resp: 59216
Ion Ratio Lower Upper
166 100
165 97.5 81.0 121.6
167 13.5 11.0 16.4

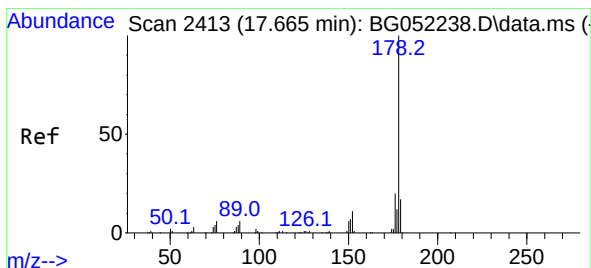
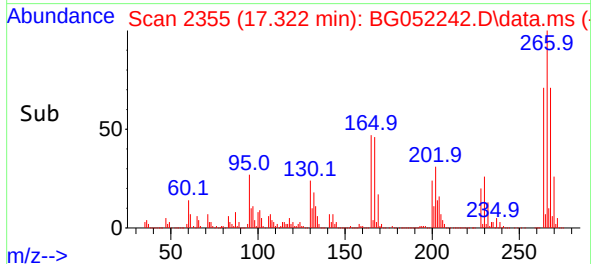
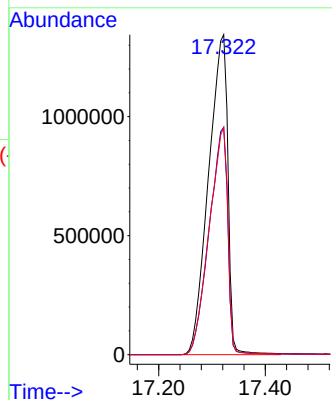
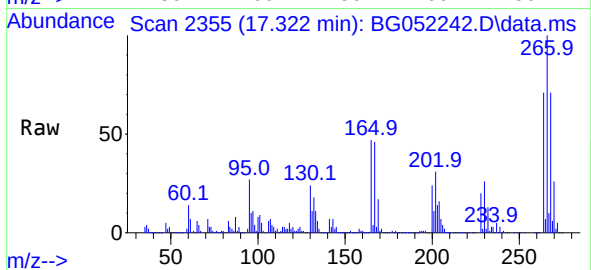




#71
 Pentachlorophenol
 Concen: 2538.282 ng/u1
 RT: 17.322 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BG052242.D
 Acq: 1 Feb 2022 23:28

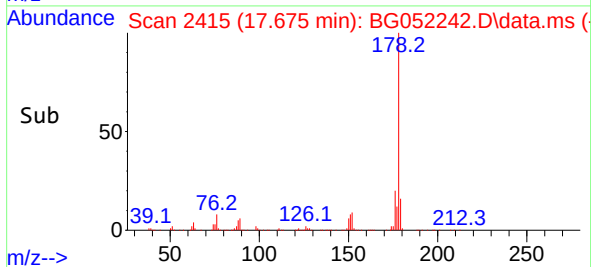
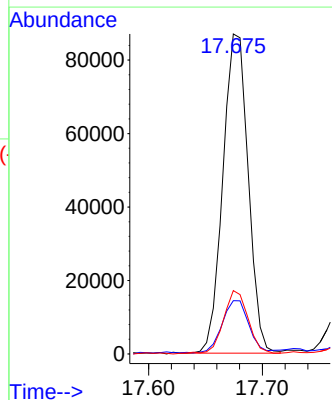
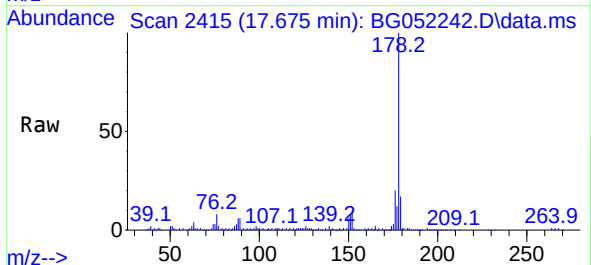
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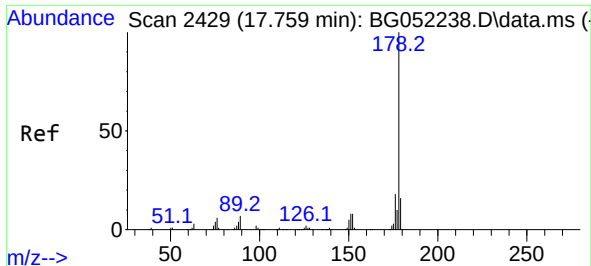
Tgt Ion:266 Resp: 3372293
 Ion Ratio Lower Upper
 266 100
 264 71.0 54.3 81.5
 268 71.0 51.0 76.6



#72
 Phenanthrene
 Concen: 12.491 ng/u1
 RT: 17.675 min Scan# 2415
 Delta R.T. 0.006 min
 Lab File: BG052242.D
 Acq: 1 Feb 2022 23:28

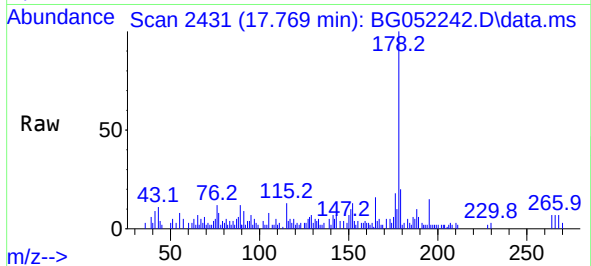
Tgt Ion:178 Resp: 134397
 Ion Ratio Lower Upper
 178 100
 179 16.7 12.3 18.5
 176 19.8 15.5 23.3





#74
 Anthracene
 Concen: 1.412 ng/ul
 RT: 17.769 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BG052242.D
 Acq: 1 Feb 2022 23:28

Instrument :
 BNA_G
 ClientSampleId :
 C0Q48



Tgt Ion:	178	Resp:	14996
Ion Ratio	Lower	Upper	
178	100		
179	19.5	13.0	19.6
176	18.4	15.6	23.4

