

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
 Data File : BG052131.D
 Acq On : 24 Jan 2022 18:07
 Operator : CG/JU
 Sample : N1199-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0Q13

Quant Time: Jan 25 00:00:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

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

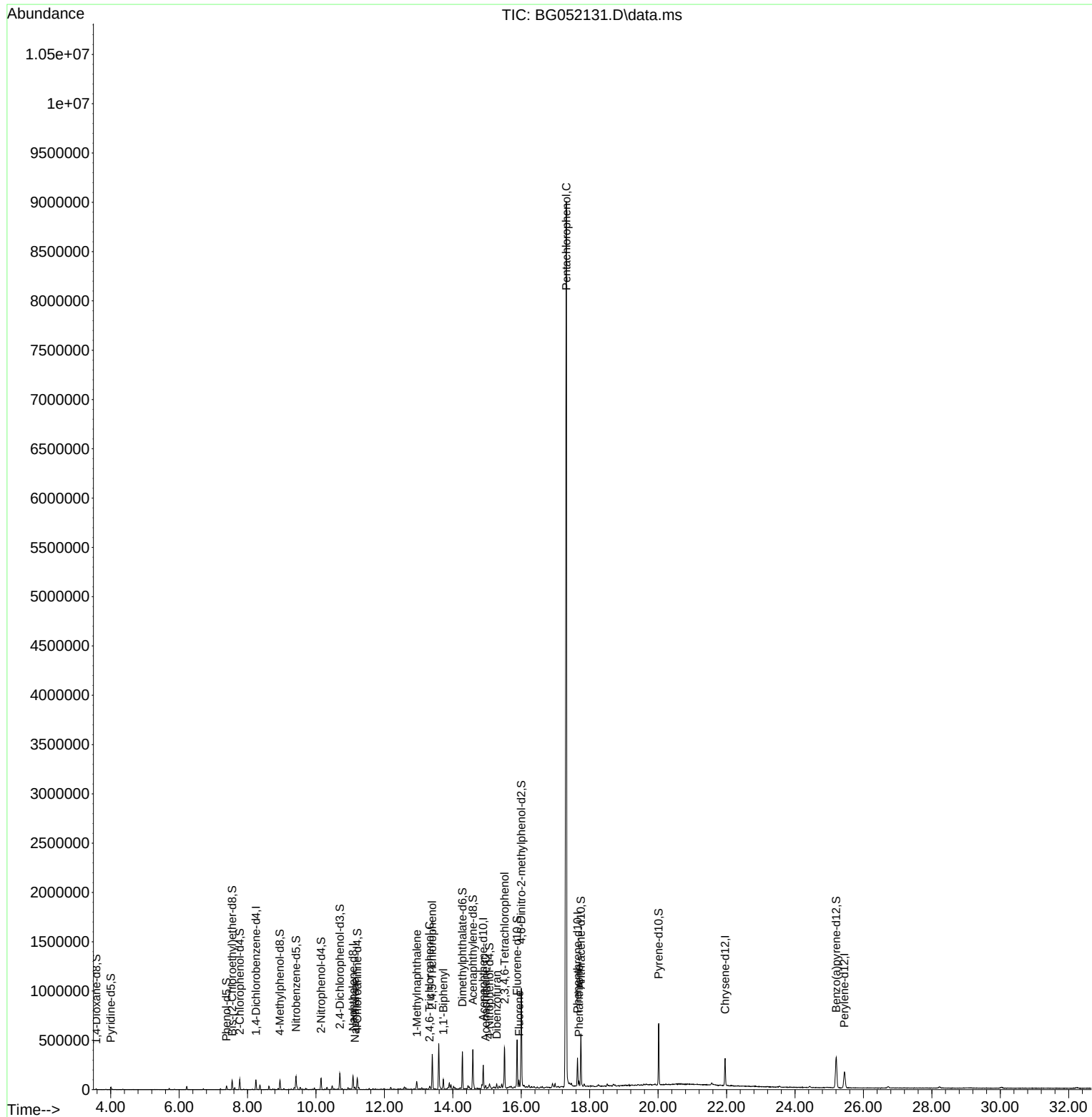
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	27690	20.000	ng/ul	0.00
20) Naphthalene-d8	11.084	136	115527	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.885	164	83157	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.646	188	185246	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.958	240	179332	20.000	ng/ul	# 0.00
88) Perylene-d12	25.441	264	186653	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.577	96	3703	4.779	ng/uL	0.00
4) Pyridine-d5	4.005	84	16239	6.741	ng/ul	0.00
7) Phenol-d5	7.383	99	19686	7.264	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	45766	26.602	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.771	132	43931	24.483	ng/ul	0.00
15) 4-Methylphenol-d8	8.946	113	33711	16.001	ng/ul	0.00
21) Nitrobenzene-d5	9.416	128	29903	32.757	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	31589	31.289	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	58926	29.860	ng/ul	0.00
31) 4-Chloroaniline-d4	11.207	131	61029	22.207	ng/ul	0.00
46) Dimethylphthalate-d6	14.280	166	233389	33.955	ng/ul	0.00
49) Acenaphthylene-d8	14.585	160	278510	33.544	ng/ul	0.00
54) 4-Nitrophenol-d4	15.073	143	9587	8.342	ng/ul	0.00
60) Fluorene-d10	15.878	176	200165	33.400	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.001	200	114446	97.933	ng/ul	0.02
73) Anthracene-d10	17.740	188	321522	36.588	ng/ul	0.00
81) Pyrene-d10	20.019	212	370830	35.930	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.206	264	362499	36.891	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.137	128	10514	1.679	ng/ul#	91
37) 1-Methylnaphthalene	12.946	142	31482	6.879	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.322	196	7222	3.973	ng/ul	90
42) 2,4,5-Trichlorophenol	13.399	196	93275	47.606	ng/ul	98
43) 1,1'-Biphenyl	13.722	154	48210	7.510	ng/ul	97
52) Acenaphthene	14.955	153	8568	1.576	ng/ul	95
56) Dibenzofuran	15.284	168	16938	2.145	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.513	232	86861	47.795	ng/ul#	88
61) Fluorene	15.936	166	32903	5.001	ng/ul	99
71) Pentachlorophenol	17.317	266	2075523	1545.209	ng/ul	97
72) Phenanthrene	17.687	178	31172	3.211	ng/ul	95

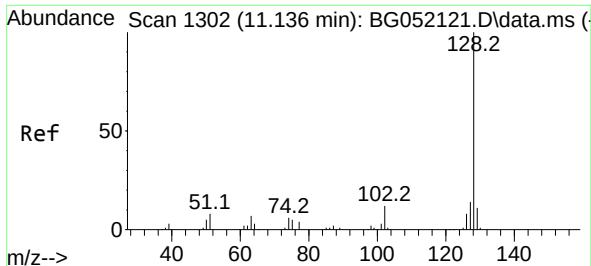
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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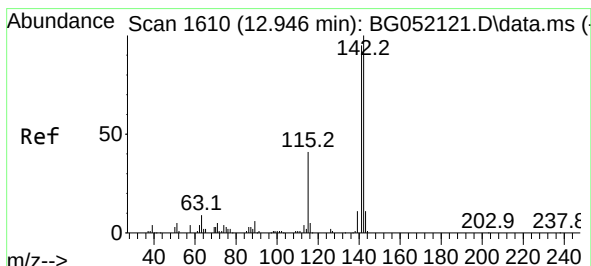
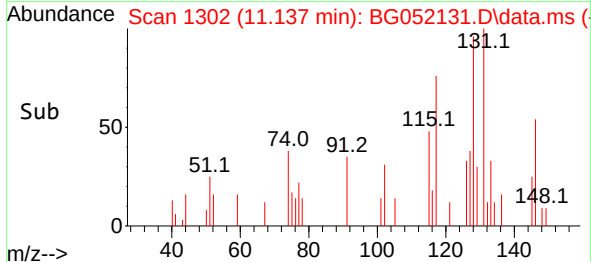
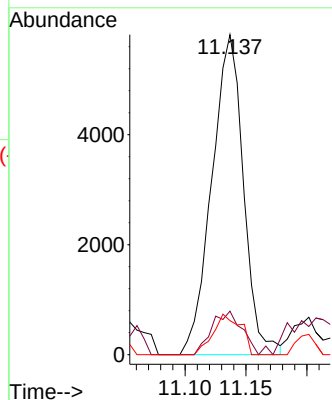
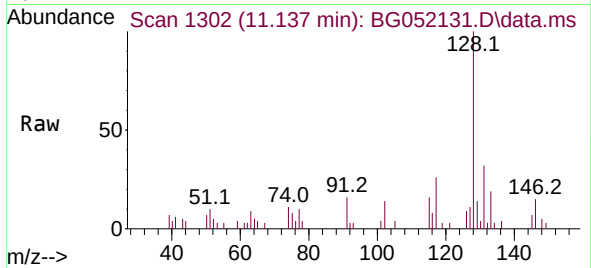




#30
Naphthalene
Concen: 1.679 ng/ul
RT: 11.137 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG052131.D
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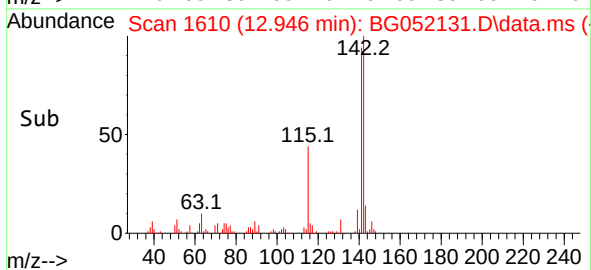
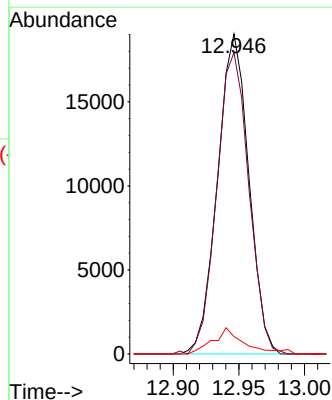
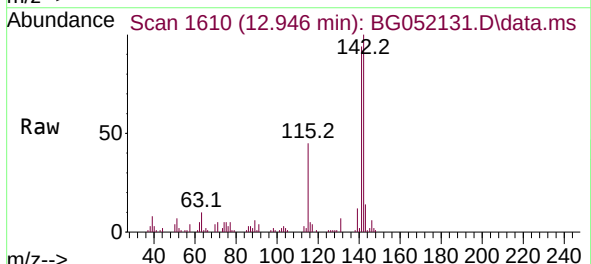
Instrument :
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C0Q13

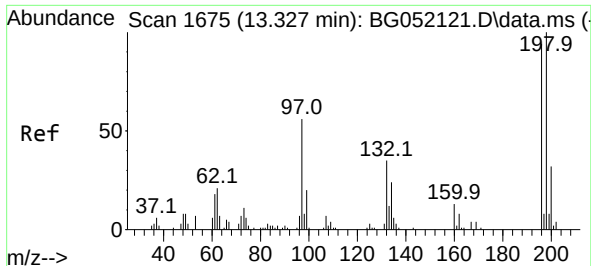
Tgt Ion:128 Resp: 10514
Ion Ratio Lower Upper
128 100
129 13.6 8.5 12.7#
127 10.6 11.8 17.6#



#37
1-Methylnaphthalene
Concen: 6.879 ng/ul
RT: 12.946 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BG052131.D
Acq: 24 Jan 2022 18:07

Tgt Ion:142 Resp: 31482
Ion Ratio Lower Upper
142 100
141 94.2 77.8 116.8
116 5.4 3.3 4.9#

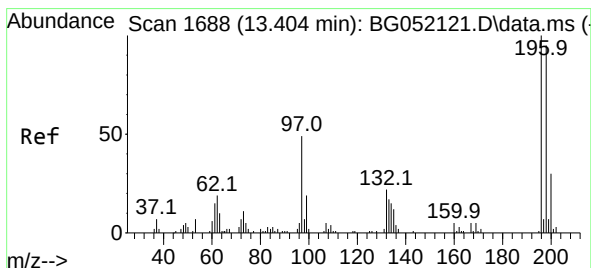
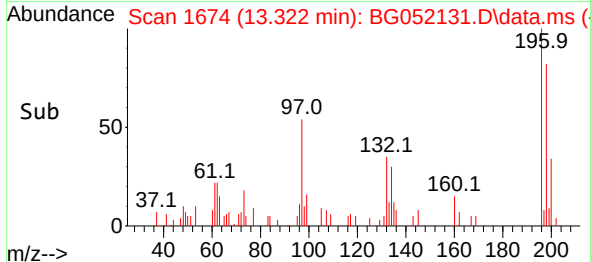
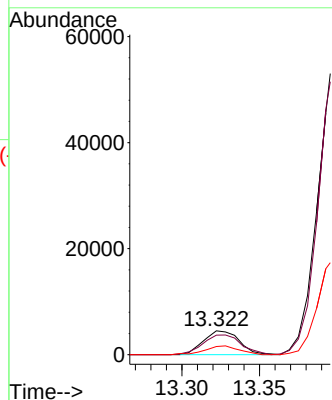
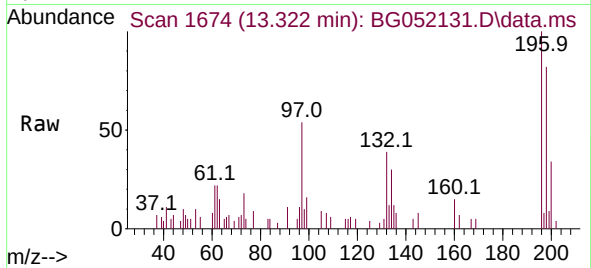




#41
 2,4,6-Trichlorophenol
 Concen: 3.973 ng/ul
 RT: 13.322 min Scan# 1675
 Delta R.T. -0.006 min
 Lab File: BG052131.D
 Acq: 24 Jan 2022 18:07

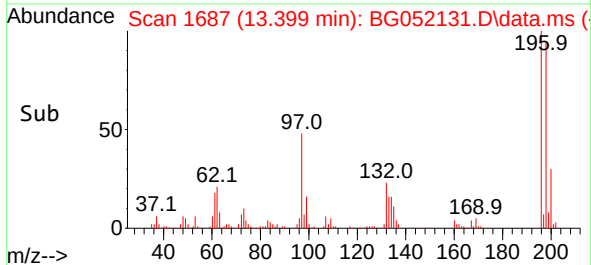
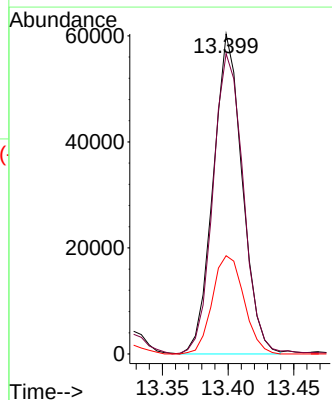
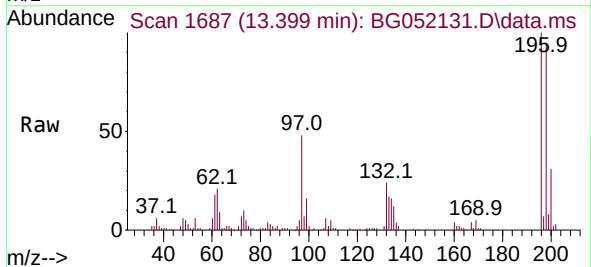
Instrument :
 BNA_G
 ClientSampleId :
 C0Q13

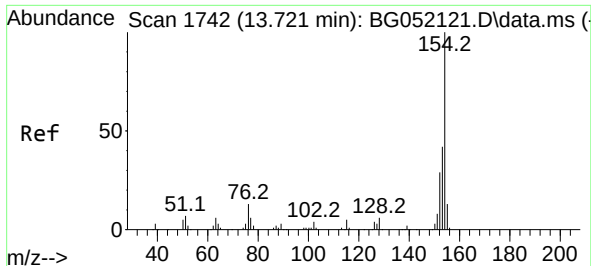
Tgt Ion:196 Resp: 7222
 Ion Ratio Lower Upper
 196 100
 198 82.4 74.3 111.5
 200 34.4 23.8 35.6



#42
 2,4,5-Trichlorophenol
 Concen: 47.606 ng/ul
 RT: 13.399 min Scan# 1687
 Delta R.T. -0.000 min
 Lab File: BG052131.D
 Acq: 24 Jan 2022 18:07

Tgt Ion:196 Resp: 93275
 Ion Ratio Lower Upper
 196 100
 198 93.8 77.0 115.4
 200 30.7 25.4 38.2





#43

1,1'-Biphenyl

Concen: 7.510 ng/ul

RT: 13.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG052131.D

Acq: 24 Jan 2022 18:07

Instrument :

BNA_G

ClientSampleId :

C0Q13

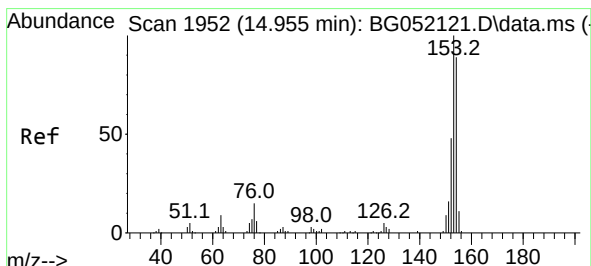
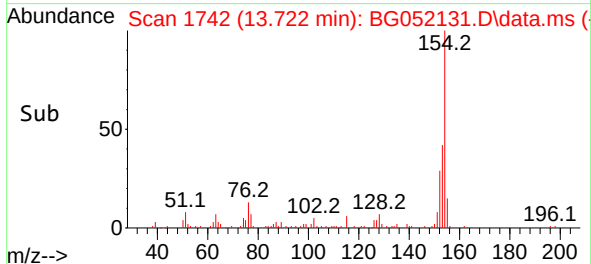
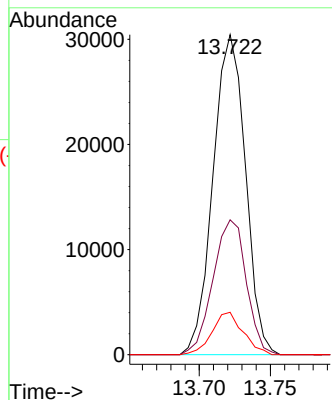
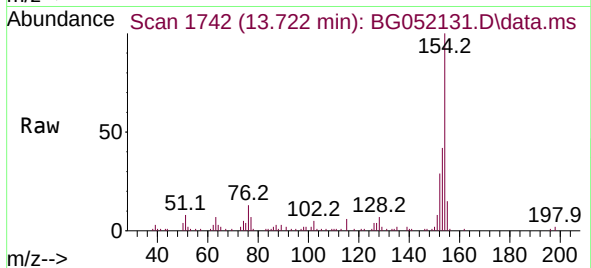
Tgt Ion:154 Resp: 48210

Ion Ratio Lower Upper

154 100

153 42.1 34.5 51.7

76 13.2 13.1 19.7



#52

Acenaphthene

Concen: 1.576 ng/ul

RT: 14.955 min Scan# 1952

Delta R.T. -0.000 min

Lab File: BG052131.D

Acq: 24 Jan 2022 18:07

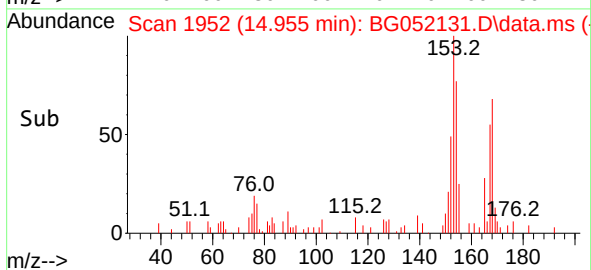
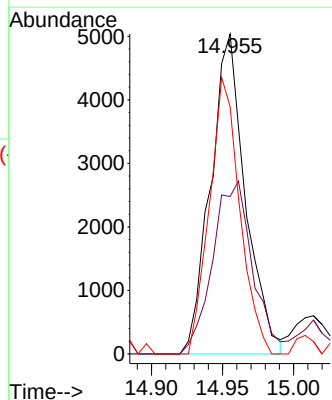
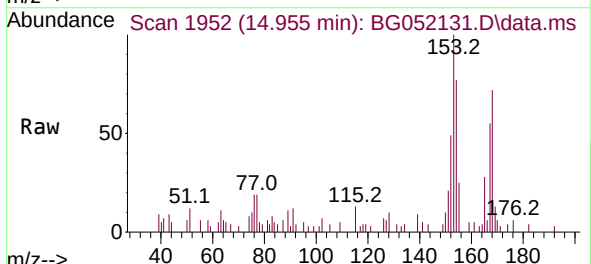
Tgt Ion:153 Resp: 8568

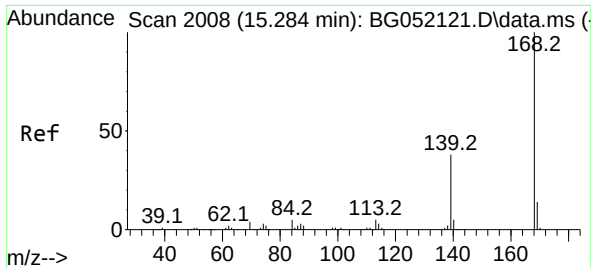
Ion Ratio Lower Upper

153 100

152 49.2 36.5 54.7

154 77.3 65.8 98.6

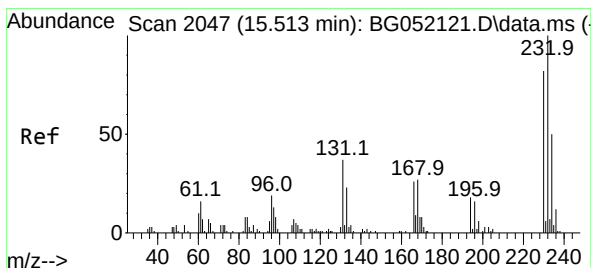
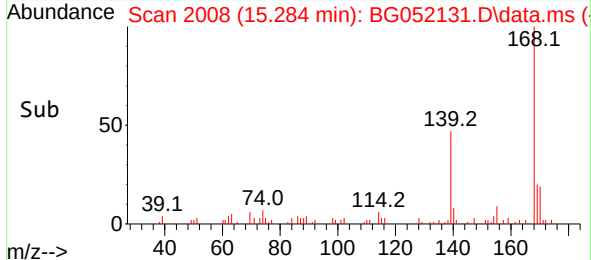
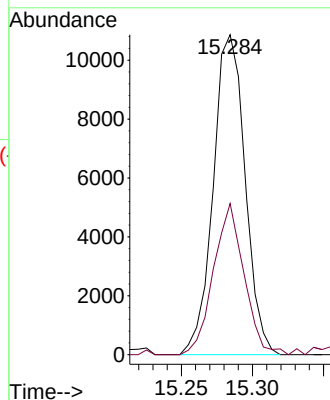
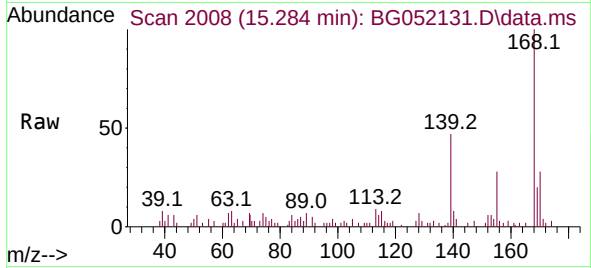




#56
Dibenzenofuran
Concen: 2.145 ng/ul
RT: 15.284 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BG052131.D
Acq: 24 Jan 2022 18:07

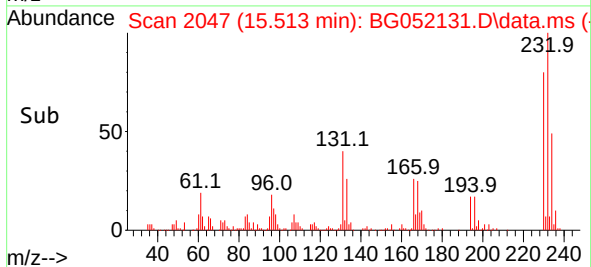
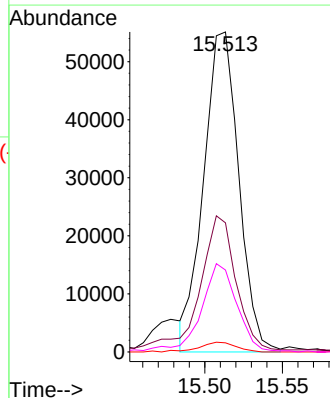
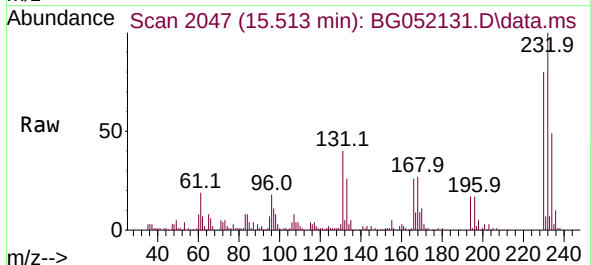
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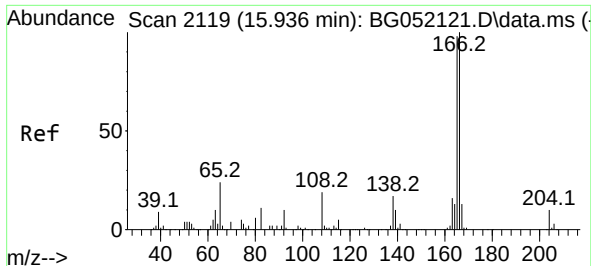
Tgt Ion:168 Resp: 16938
Ion Ratio Lower Upper
168 100
139 47.3 31.2 46.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 47.795 ng/ul
RT: 15.513 min Scan# 2047
Delta R.T. 0.006 min
Lab File: BG052131.D
Acq: 24 Jan 2022 18:07

Tgt Ion:232 Resp: 86861
Ion Ratio Lower Upper
232 100
131 40.3 38.9 58.3
130 2.9 2.4 3.6
166 25.6 25.8 38.8#

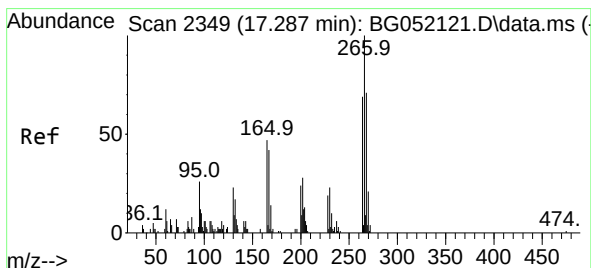
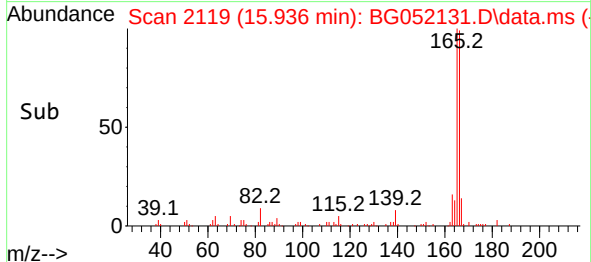
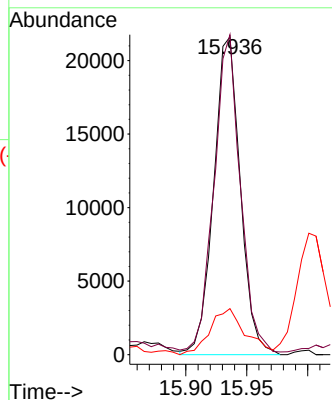
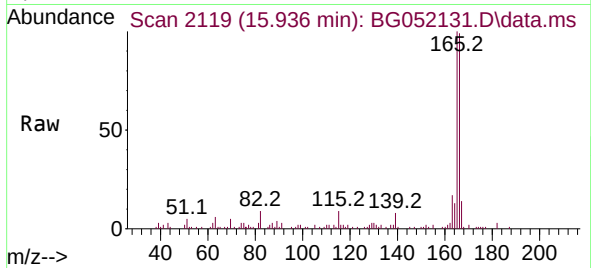




#61
Fluorene
Concen: 5.001 ng/ul
RT: 15.936 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BG052131.D
Acq: 24 Jan 2022 18:07

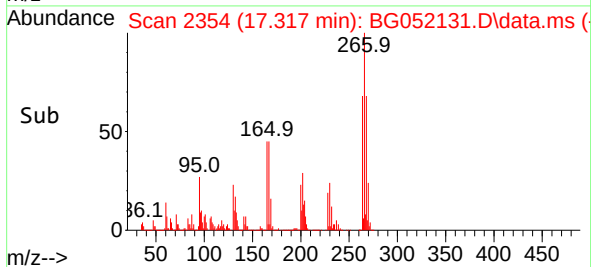
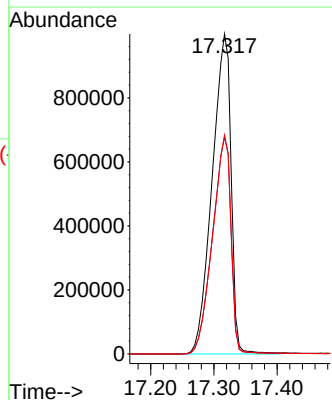
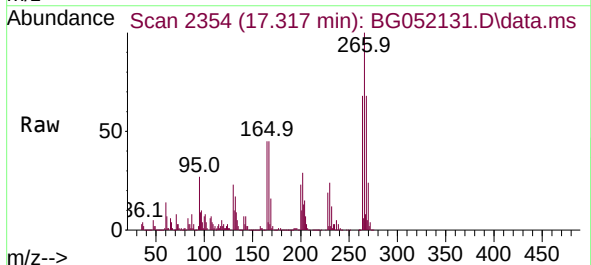
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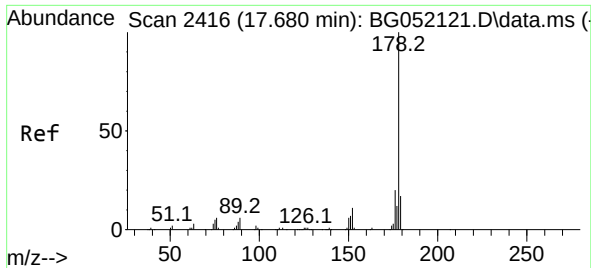
Tgt Ion:	166	Resp:	32903
Ion Ratio	Lower	Upper	
166	100		
165	100.7	81.0	121.6
167	14.5	11.0	16.4



#71
Pentachlorophenol
Concen: 1545.209 ng/ul
RT: 17.317 min Scan# 2354
Delta R.T. 0.029 min
Lab File: BG052131.D
Acq: 24 Jan 2022 18:07

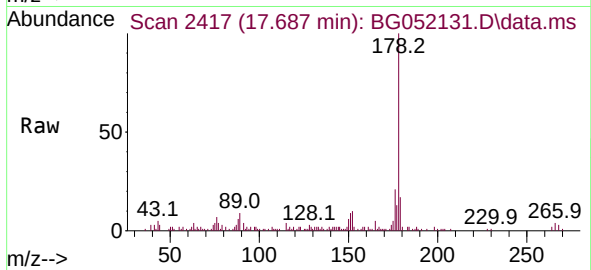
Tgt Ion:	266	Resp:	2075523
Ion Ratio	Lower	Upper	
266	100		
264	67.7	54.3	81.5
268	68.5	51.0	76.6





#72
 Phenanthrene
 Concen: 3.211 ng/ul
 RT: 17.687 min Scan# 2417
 Delta R.T. 0.006 min
 Lab File: BG052131.D
 Acq: 24 Jan 2022 18:07

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:	178	Resp:	31172
Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.3	18.5
176	21.4	15.5	23.3

