

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020122\
 Data File : BG052255.D
 Acq On : 2 Feb 2022 11:27
 Operator : CG/JU
 Sample : N1307-13DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0Q48DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2022
 Supervised By :mohammad ahmed 02/04/2022

Quant Time: Feb 03 04:03:53 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	8.231	152	30488	20.000	ng/u1	0.00
20) Naphthalene-d8	11.074	136	131183	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.875	164	93288	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.630	188	223406	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.936	240	228628	20.000	ng/u1	# 0.00
88) Perylene-d12	25.414	264	233873	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.555	96	833m	1.102	ng/uL	0.00
4) Pyridine-d5	4.008	84	4291m	1.826	ng/u1	0.02
7) Phenol-d5	7.379	99	3857	1.391	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.538	67	12332	7.320	ng/u1	0.00
11) 2-Chlorophenol-d4	7.761	132	10711	5.543	ng/u1	0.00
15) 4-Methylphenol-d8	8.936	113	7451	3.541	ng/u1	0.00
21) Nitrobenzene-d5	9.400	128	7517	7.037	ng/u1	0.00
24) 2-Nitrophenol-d4	10.140	143	7911	6.778	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.687	165	14109	6.201	ng/u1	0.00
31) 4-Chloroaniline-d4	11.198	131	18942	6.563	ng/u1	0.00
46) Dimethylphthalate-d6	14.264	166	60240	8.215	ng/u1	0.00
49) Acenaphthylene-d8	14.570	160	72824	7.968	ng/u1	0.00
54) 4-Nitrophenol-d4	15.075	143	1250	1.126	ng/u1	0.01
60) Fluorene-d10	15.868	176	52965	8.245	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	17037m	12.352	ng/u1	0.00
73) Anthracene-d10	17.724	188	88334	8.387	ng/u1	0.00
81) Pyrene-d10	20.003	212	106463	7.770	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.167	264	98438	7.923	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.127	128	20412	2.846	ng/u1	95
37) 1-Methylnaphthalene	12.937	142	29594	5.715	ng/u1	90
42) 2,4,5-Trichlorophenol	13.395	196	9418	4.361	ng/u1	89
43) 1,1'-Biphenyl	13.712	154	22914	3.133	ng/u1#	92
58) 2,3,4,6-Tetrachlorophenol	15.498	232	47153	24.945	ng/u1#	86
61) Fluorene	15.921	166	12768	1.769	ng/u1	98
71) Pentachlorophenol	17.290	266	769902	529.778	ng/u1	96
72) Phenanthrene	17.671	178	29978m	2.547	ng/u1	

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

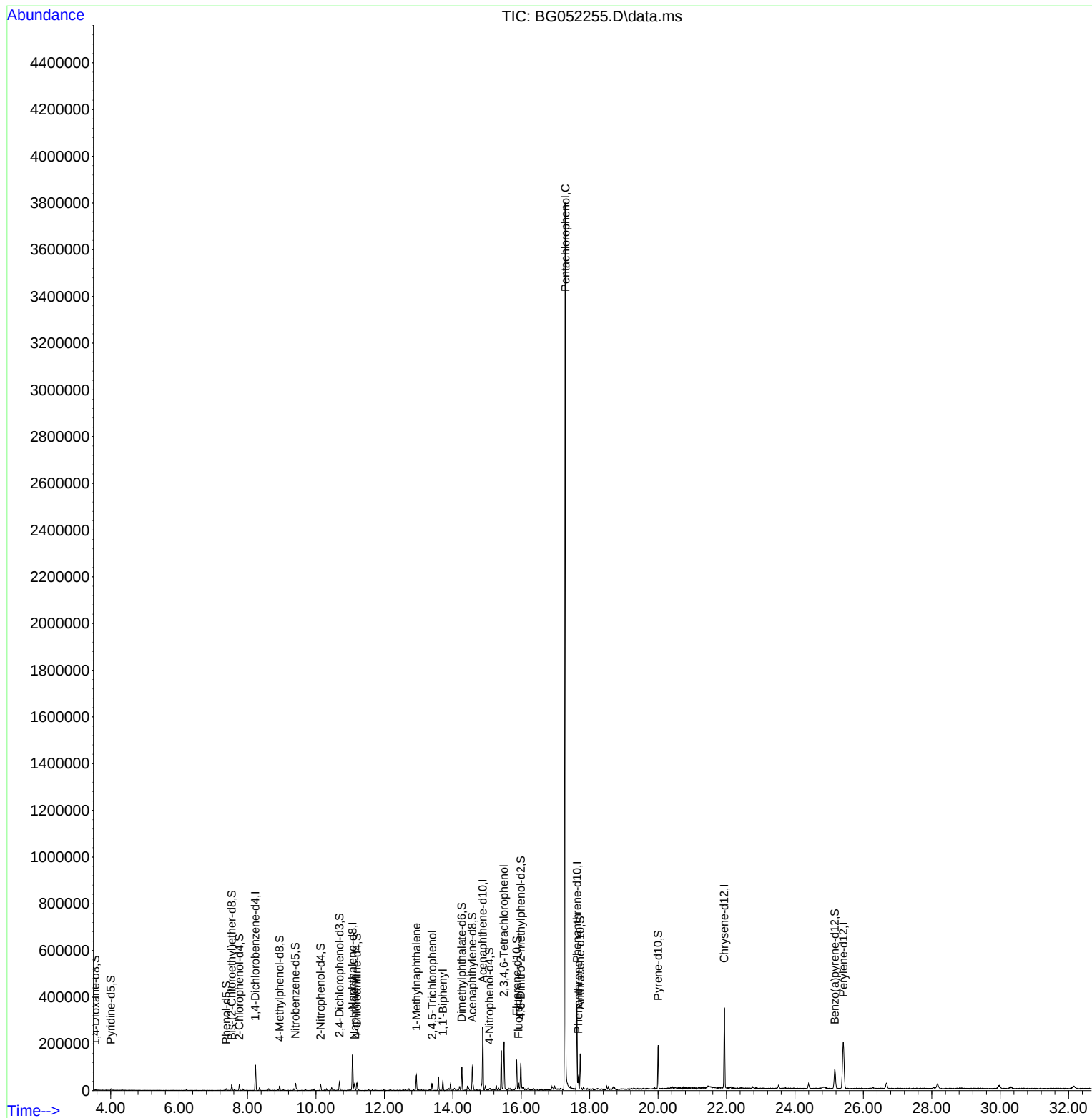
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020122\
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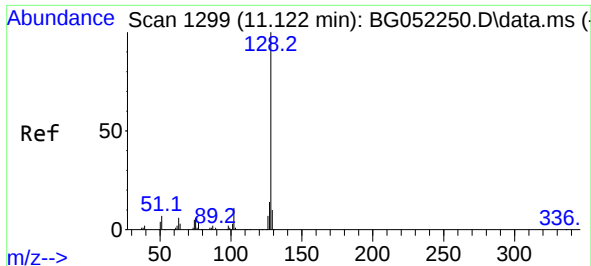
Instrument :
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Quant Time: Feb 03 04:03:53 2022
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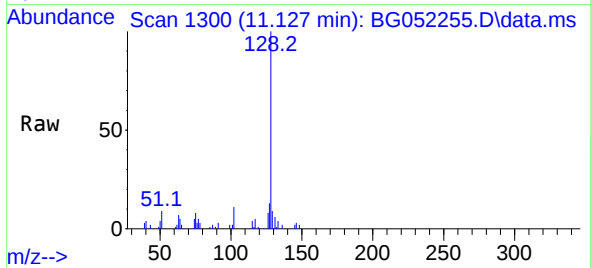
Reviewed By :Jagrut Upadhyay 02/03/2022
Supervised By :mohammad ahmed 02/04/2022





#30
Naphthalene
Concen: 2.846 ng/ul
RT: 11.127 min Scan# 1112
Delta R.T. 0.003 min
Lab File: BG052255.D
Acq: 2 Feb 2022 11:27

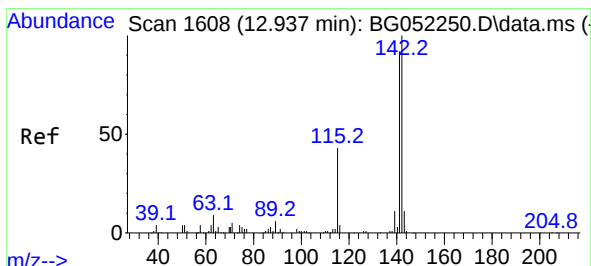
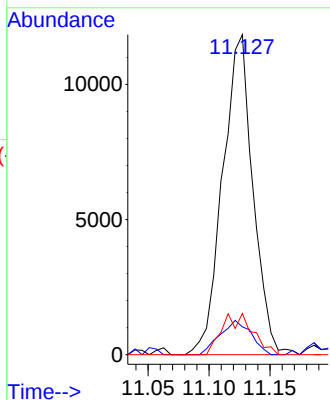
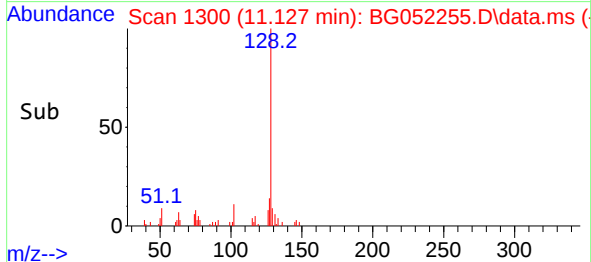
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Tgt Ion:128 Resp: 2041
Ion Ratio Lower Upper
128 100
129 8.7 8.5 12.7
127 12.9 11.8 17.6

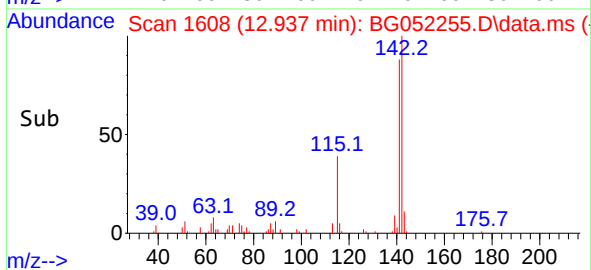
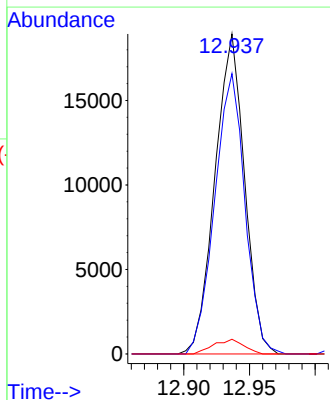
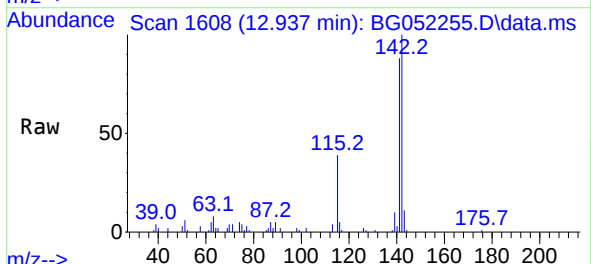
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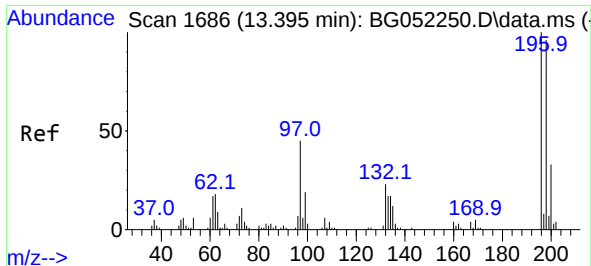
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#37
1-Methylnaphthalene
Concen: 5.715 ng/ul
RT: 12.937 min Scan# 1608
Delta R.T. -0.003 min
Lab File: BG052255.D
Acq: 2 Feb 2022 11:27

Tgt Ion:142 Resp: 29594
Ion Ratio Lower Upper
142 100
141 87.6 77.8 116.8
116 4.6 3.3 4.9





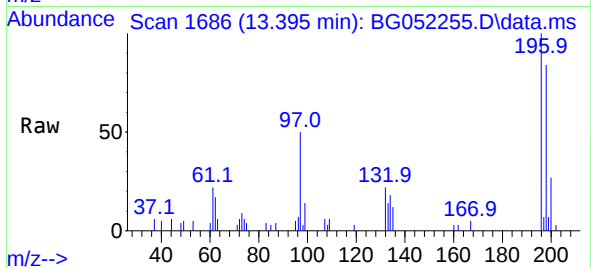
#42
2,4,5-Trichlorophenol
Concen: 4.361 ng/ul
RT: 13.395 min Scan# 1686
Delta R.T. 0.003 min
Lab File: BG052255.D
Acq: 2 Feb 2022 11:27

Instrument :

BNA_G

ClientSampleId :

C0Q48DL

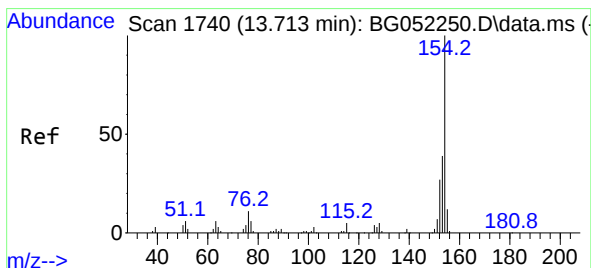
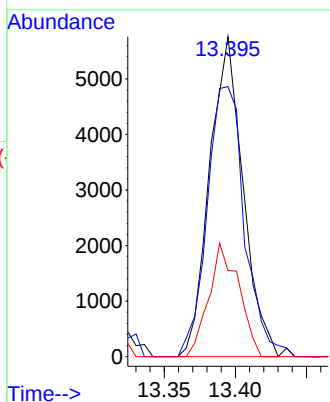
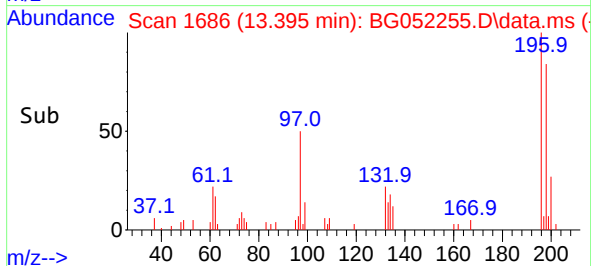


Tgt Ion:196 Resp: 9418
Ion Ratio Lower Upper
196 100
198 84.4 77.0 115.4
200 27.0 25.4 38.2

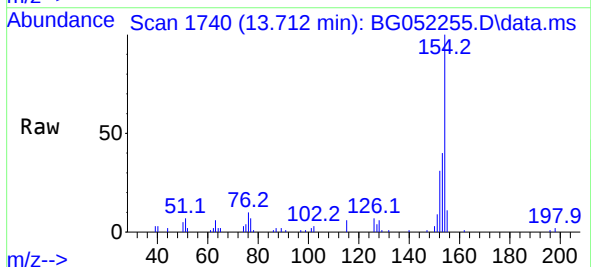
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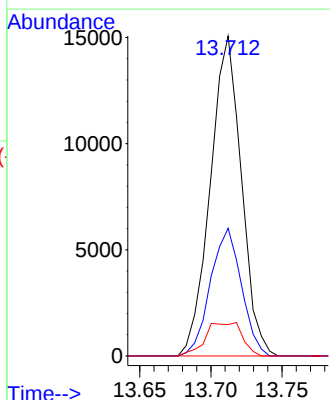
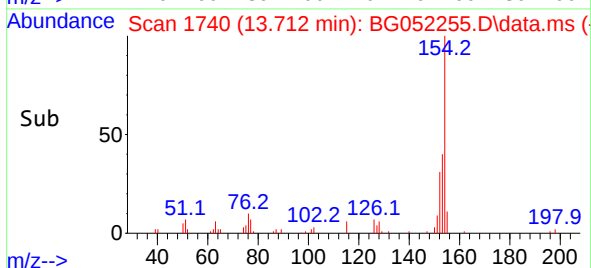
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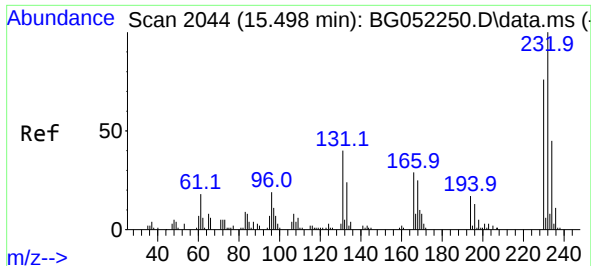


#43
1,1'-Biphenyl
Concen: 3.133 ng/ul
RT: 13.712 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG052255.D
Acq: 2 Feb 2022 11:27



Tgt Ion:154 Resp: 22914
Ion Ratio Lower Upper
154 100
153 39.9 34.5 51.7
76 9.8 13.1 19.7#





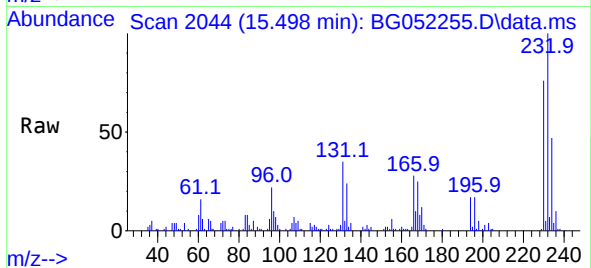
#58
2,3,4,6-Tetrachlorophenol
Concen: 24.945 ng/ul
RT: 15.498 min Scan# 2044
Delta R.T. -0.003 min
Lab File: BG052255.D
Acq: 2 Feb 2022 11:27

Instrument :

BNA_G

ClientSampleId :

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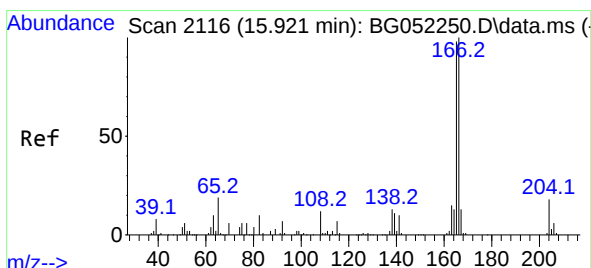
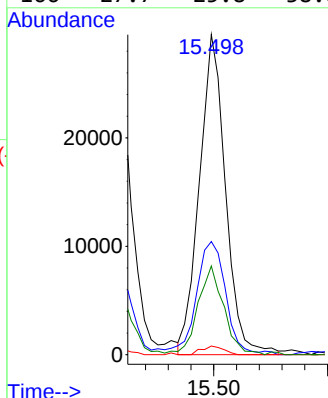
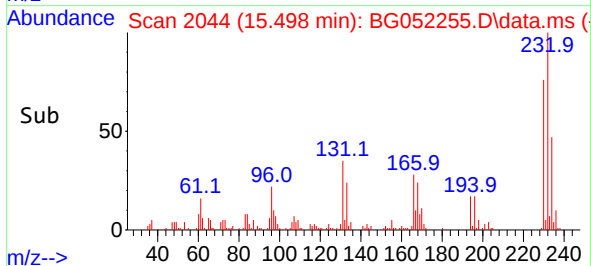


Tgt Ion:232 Resp: 4715
Ion Ratio Lower Upper
232 100
131 35.4 38.9 58.3
130 2.7 2.4 3.6
166 27.7 25.8 38.8

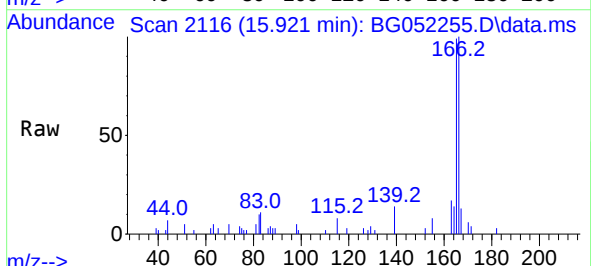
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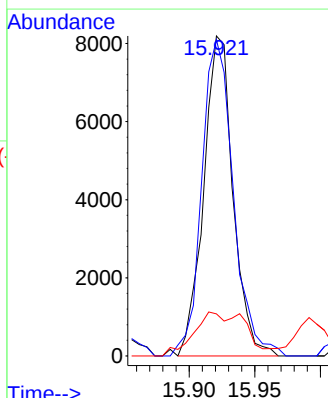
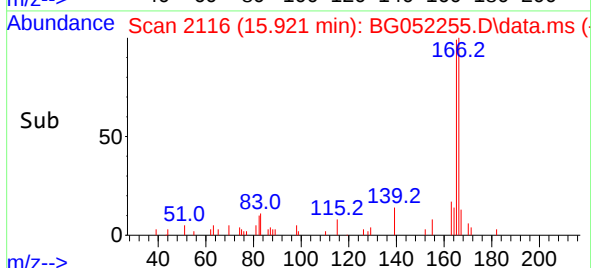
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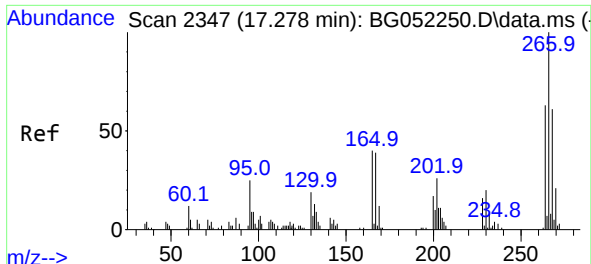


#61
Fluorene
Concen: 1.769 ng/ul
RT: 15.921 min Scan# 2116
Delta R.T. -0.003 min
Lab File: BG052255.D
Acq: 2 Feb 2022 11:27



Tgt Ion:166 Resp: 12768
Ion Ratio Lower Upper
166 100
165 98.8 81.0 121.6
167 13.1 11.0 16.4





#71
Pentachlorophenol
Concen: 529.778 ng/ul
RT: 17.290 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG052255.D
Acq: 2 Feb 2022 11:27

Instrument :

BNA_G

ClientSampleId :

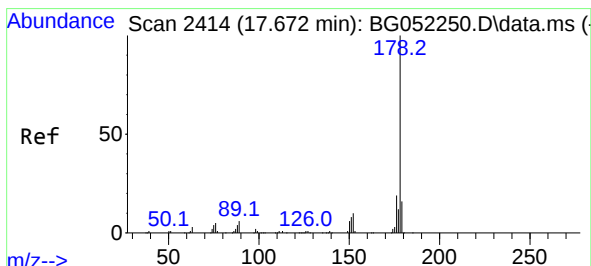
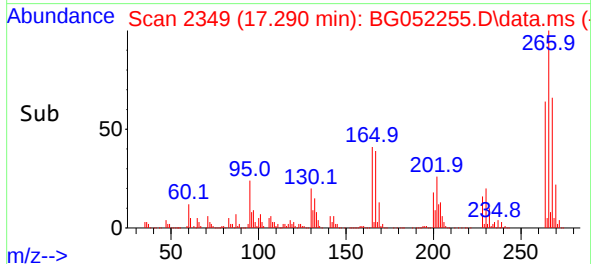
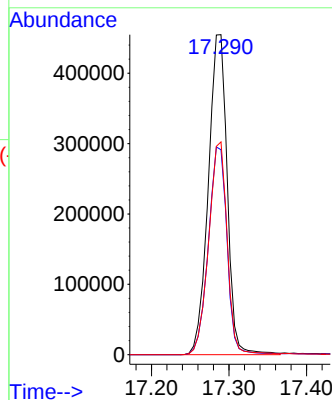
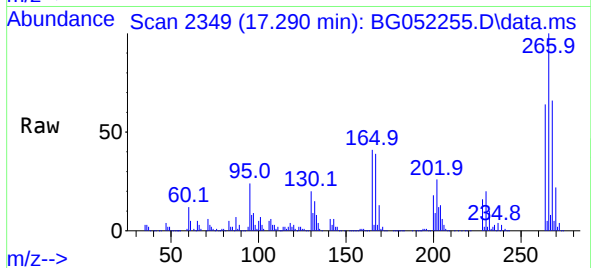
C0Q48DL

Tgt Ion:266 Resp: 769902
Ion Ratio Lower Upper
266 100
264 64.1 54.3 81.5
268 66.5 51.0 76.6

Manual Integrations

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#72
Phenanthrene
Concen: 2.547 ng/ul m
RT: 17.671 min Scan# 2414
Delta R.T. 0.003 min
Lab File: BG052255.D
Acq: 2 Feb 2022 11:27

Tgt Ion:178 Resp: 29978
Ion Ratio Lower Upper
178 100
179 22.0 12.3 18.5#
176 20.7 15.5 23.3

