

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
 Data File : BG051724.D
 Acq On : 21 Dec 2021 20:18
 Operator : CG/JU
 Sample : M5153-08DL2 30X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL73DL2

Quant Time: Dec 21 23:12:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
 Supervised By :mohammad ahmed 12/28/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	17719	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.114	136	74667	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.908	164	52122	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.652	188	115159	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.975	240	108479	20.000	ng/u1	#-0.01
88) Perylene-d12	25.471	264	110036	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.401	99	2309	1.459	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.571	67	1313	1.396	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.794	132	1764	1.603	ng/u1	-0.02
15) 4-Methylphenol-d8	8.963	113	1703	1.393	ng/u1	-0.02
21) Nitrobenzene-d5	9.439	128	780	1.425	ng/u1	-0.02
24) 2-Nitrophenol-d4	10.179	143	699m	1.168	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.726	165	1568m	1.208	ng/u1	0.00
31) 4-Chloroaniline-d4	11.237	131	942	0.551	ng/u1	0.00
46) Dimethylphthalate-d6	14.297	166	6480	1.553	ng/u1	-0.02
49) Acenaphthylene-d8	14.603	160	7089	1.368	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.090	143	302	0.445	ng/u1	0.01
60) Fluorene-d10	15.895	176	5487	1.468	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	16.013	200	145	0.242	ng/u1	0.00
73) Anthracene-d10	17.757	188	9266	1.687	ng/u1	0.00
81) Pyrene-d10	20.025	212	9645	1.477	ng/u1	-0.02
92) Benzo(a)pyrene-d12	25.224	264	8883m	1.534	ng/u1	-0.03
Target Compounds						
					Qvalue	
30) Naphthalene	11.161	128	32485	8.075	ng/u1	98
36) 2-Methylnaphthalene	12.752	142	294133	102.490	ng/u1	98
37) 1-Methylnaphthalene	12.970	142	114576	38.450	ng/u1	97
43) 1,1'-Biphenyl	13.745	154	65851	16.493	ng/u1#	93
52) Acenaphthene	14.973	153	30552	9.123	ng/u1	95
56) Dibenzofuran	15.302	168	71752	14.548	ng/u1	95
61) Fluorene	15.954	166	33230	8.177	ng/u1	96
72) Phenanthrene	17.693	178	14431	2.436	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.840	149	15283m	4.387	ng/u1	

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

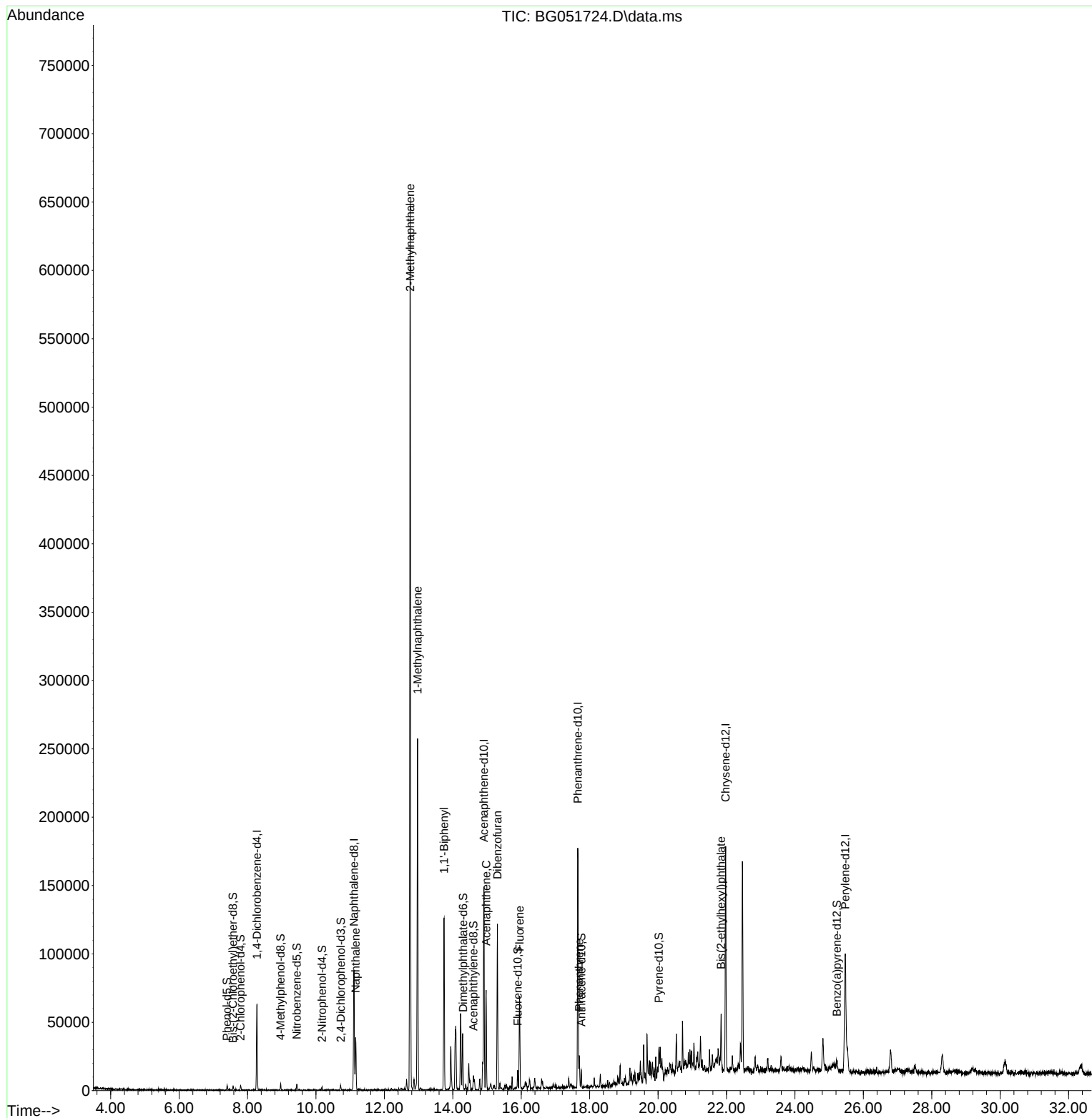
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051724.D
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ALS Vial : 51 Sample Multiplier: 1

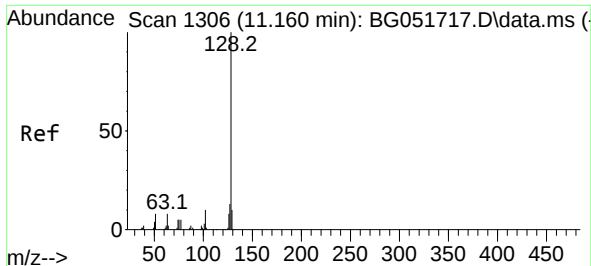
Instrument :
BNA_G
ClientSampleId :
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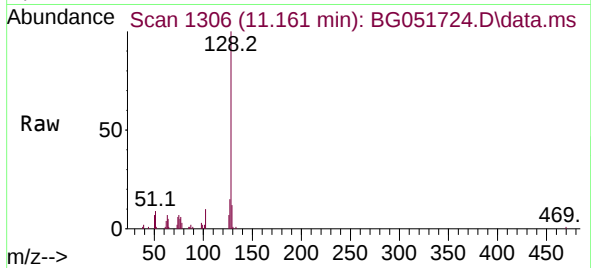
Quant Time: Dec 21 23:12:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 8.075 ng/ul
RT: 11.161 min Scan# 1116
Delta R.T. -0.016 min
Lab File: BG051724.D
Acq: 21 Dec 2021 20:18

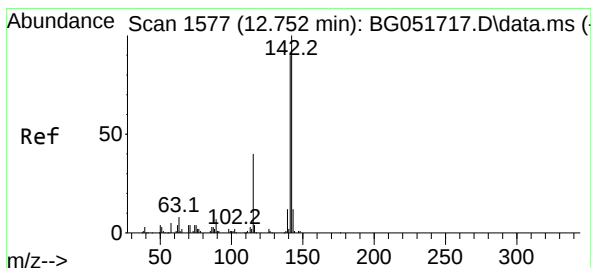
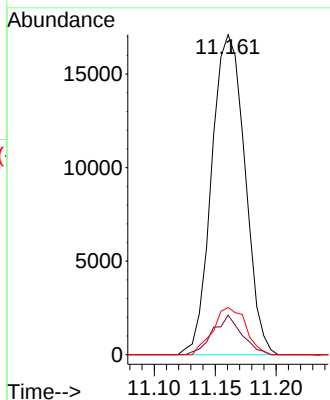
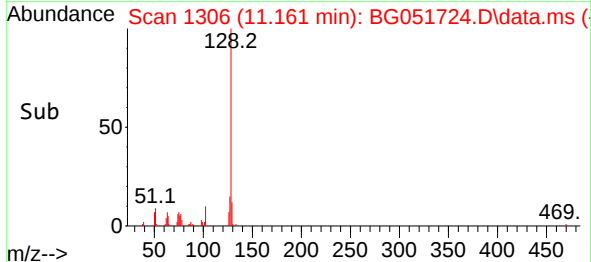
Instrument :
BNA_G
ClientSampleId :
BGL73DL2



Tgt Ion:128 Resp: 32485
Ion Ratio Lower Upper
128 100
129 12.3 8.5 12.7
127 14.7 11.8 17.6

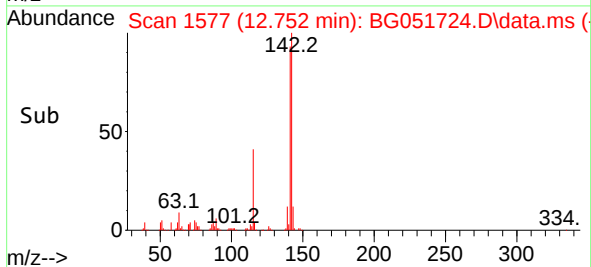
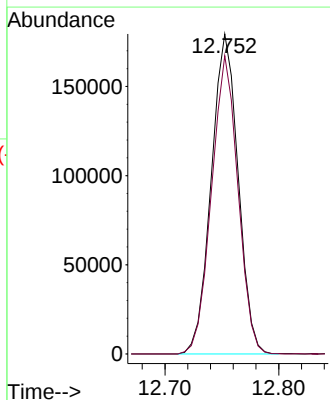
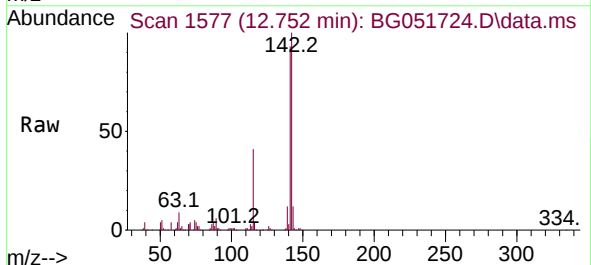
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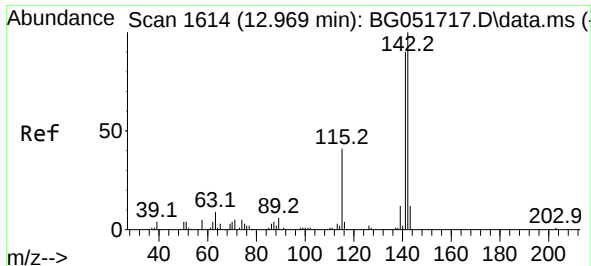
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/28/2021



#36
2-Methylnaphthalene
Concen: 102.490 ng/ul
RT: 12.752 min Scan# 1577
Delta R.T. -0.016 min
Lab File: BG051724.D
Acq: 21 Dec 2021 20:18

Tgt Ion:142 Resp: 294133
Ion Ratio Lower Upper
142 100
141 93.2 73.3 109.9





#37

1-Methylnaphthalene

Concen: 38.450 ng/ul

RT: 12.970 min Scan# 1

Delta R.T. -0.016 min

Lab File: BG051724.D

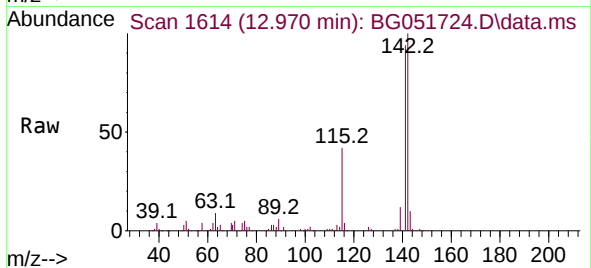
Acq: 21 Dec 2021 20:18

Instrument :

BNA_G

ClientSampleId :

BGL73DL2

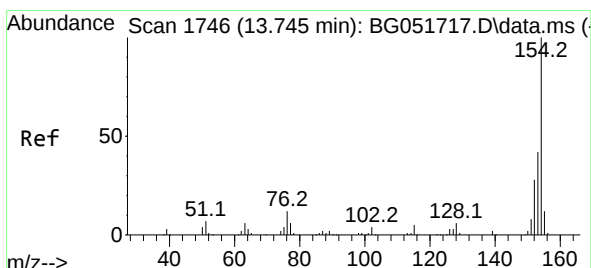
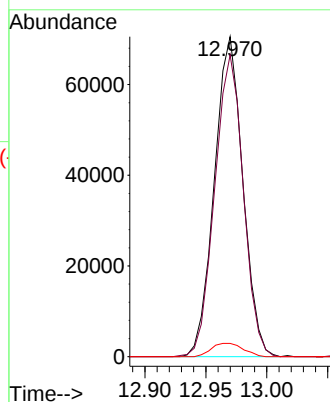
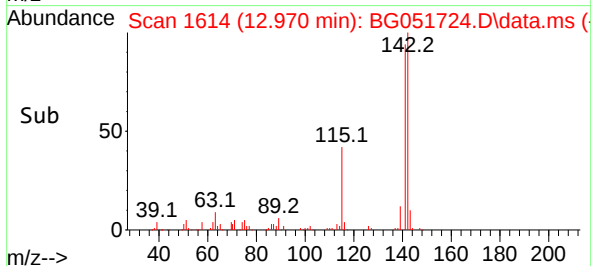


Tgt Ion:	142	Resp:	114570
Ion Ratio	Lower	Upper	
142	100		
141	94.3	77.8	116.8
116	4.2	3.3	4.9

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#43

1,1'-Biphenyl

Concen: 16.493 ng/ul

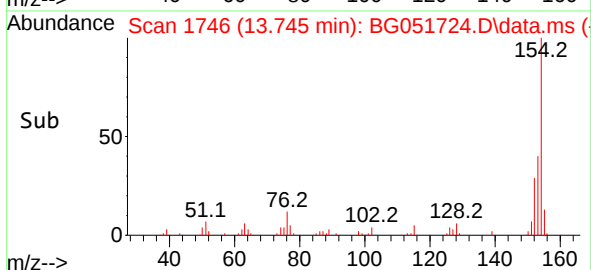
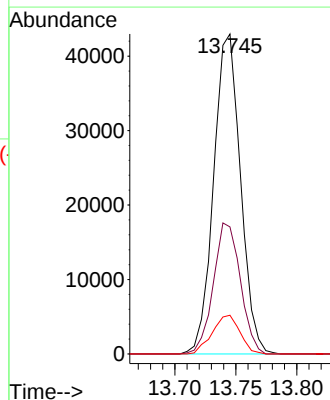
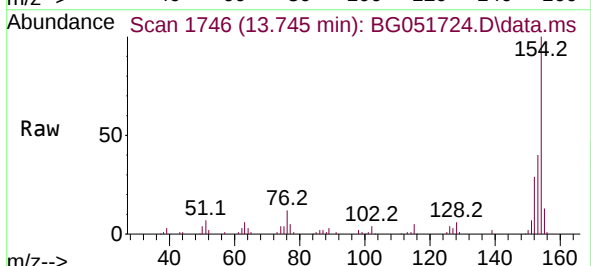
RT: 13.745 min Scan# 1746

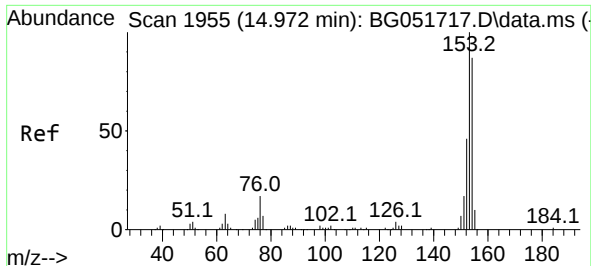
Delta R.T. -0.011 min

Lab File: BG051724.D

Acq: 21 Dec 2021 20:18

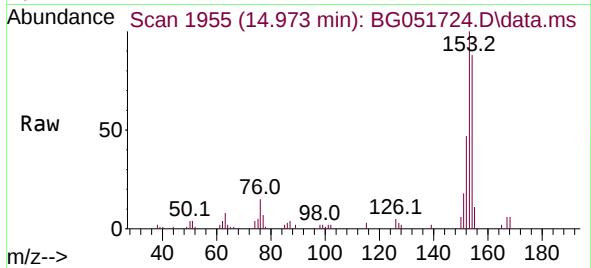
Tgt Ion:	154	Resp:	65851
Ion Ratio	Lower	Upper	
154	100		
153	39.7	34.5	51.7
76	12.1	13.1	19.7#





#52
Acenaphthene
Concen: 9.123 ng/ul
RT: 14.973 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BG051724.D
Acq: 21 Dec 2021 20:18

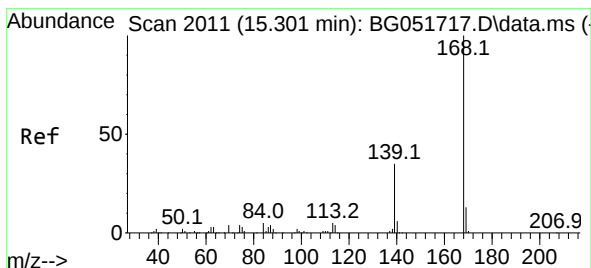
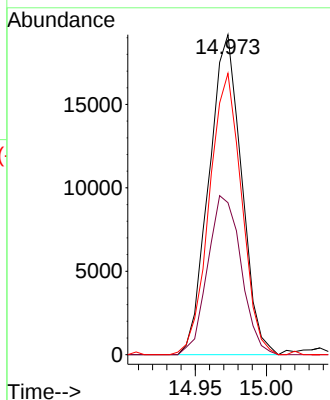
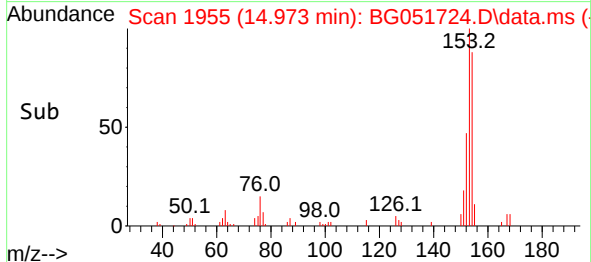
Instrument :
BNA_G
ClientSampleId :
BGL73DL2



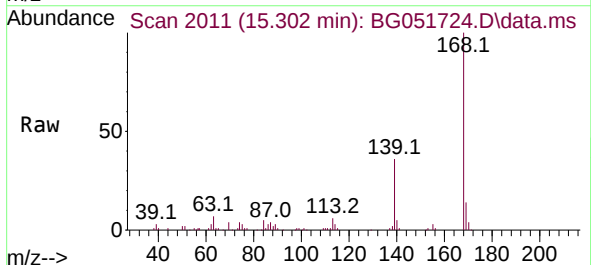
Tgt Ion:153 Resp: 30552
Ion Ratio Lower Upper
153 100
152 47.5 36.5 54.7
154 87.9 65.8 98.6

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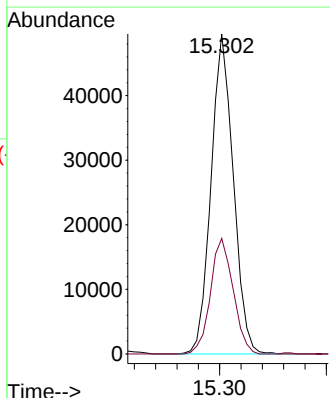
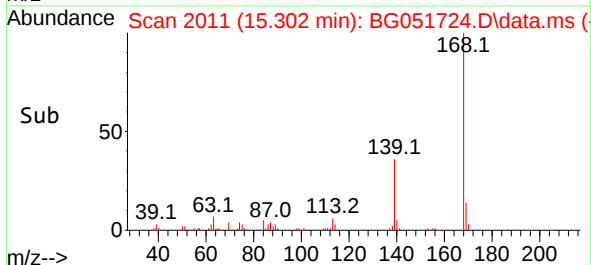
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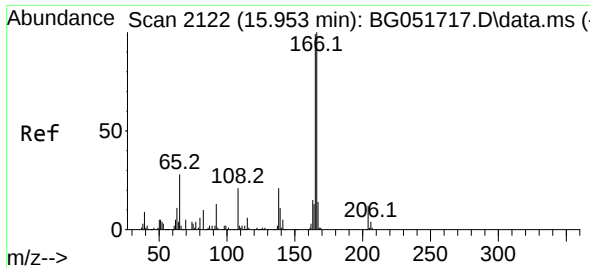


#56
Dibenzofuran
Concen: 14.548 ng/ul
RT: 15.302 min Scan# 2011
Delta R.T. -0.016 min
Lab File: BG051724.D
Acq: 21 Dec 2021 20:18



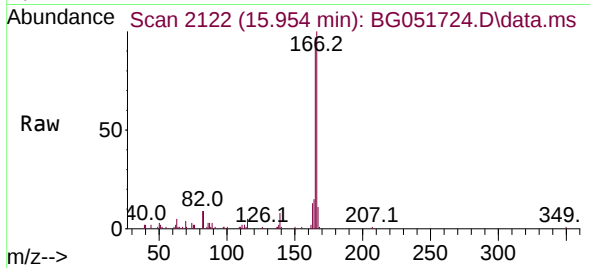
Tgt Ion:168 Resp: 71752
Ion Ratio Lower Upper
168 100
139 36.1 31.2 46.8





#61
Fluorene
Concen: 8.177 ng/ul
RT: 15.954 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BG051724.D
Acq: 21 Dec 2021 20:18

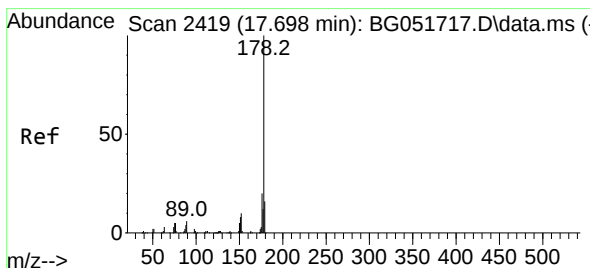
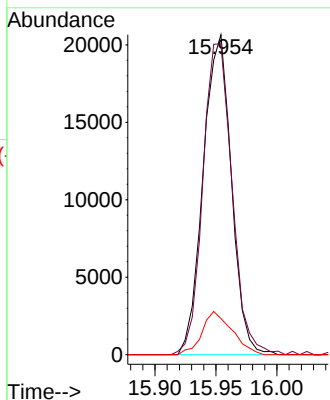
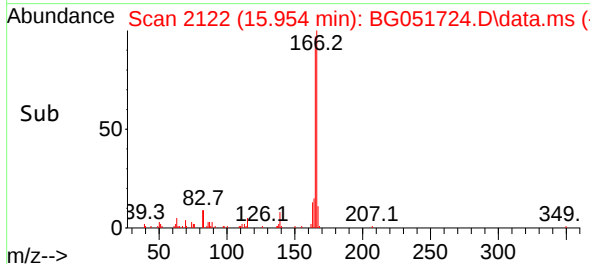
Instrument :
BNA_G
ClientSampleId :
BGL73DL2



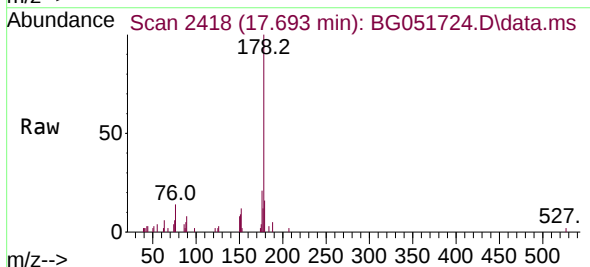
Tgt Ion:166 Resp: 33230
Ion Ratio Lower Upper
166 100
165 97.2 81.0 121.6
167 11.3 11.0 16.4

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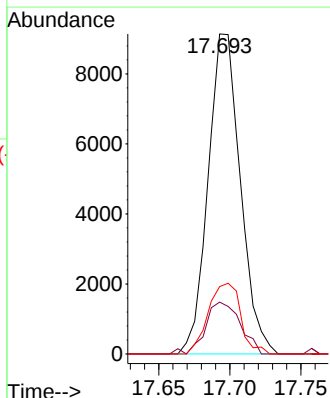
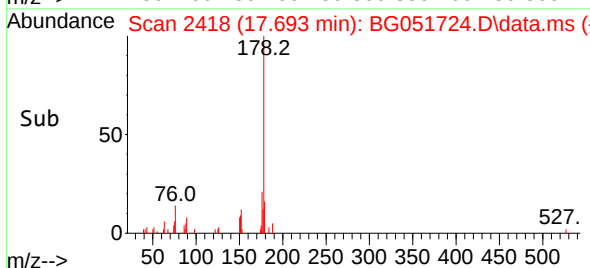
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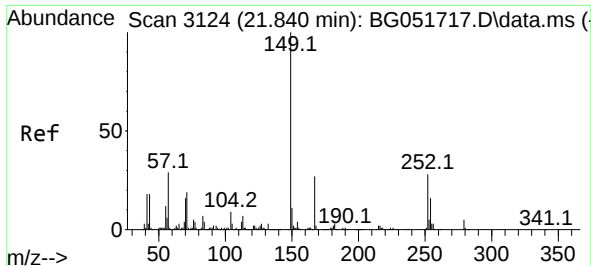


#72
Phenanthrene
Concen: 2.436 ng/ul
RT: 17.693 min Scan# 2418
Delta R.T. -0.016 min
Lab File: BG051724.D
Acq: 21 Dec 2021 20:18



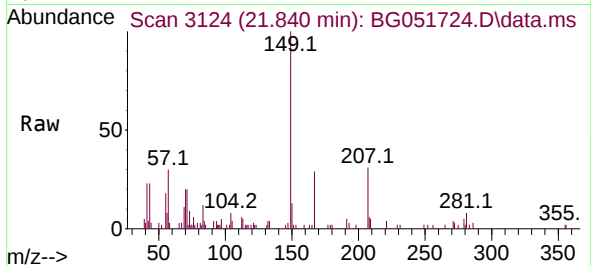
Tgt Ion:178 Resp: 14431
Ion Ratio Lower Upper
178 100
179 16.2 12.3 18.5
176 21.0 15.5 23.3





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.387 ng/ul m
 RT: 21.840 min Scan# 31
 Delta R.T. -0.028 min
 Lab File: BG051724.D
 Acq: 21 Dec 2021 20:18

Instrument :
 BNA_G
 ClientSampleId :
 BGL73DL2



Tgt Ion:	149	Resp:	1528
Ion Ratio	Lower	Upper	
149	100		
167	29.1	21.1	31.7
279	5.5	2.7	4.1

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