

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
 Data File : BG051781.D
 Acq On : 23 Dec 2021 12:20
 Operator : CG/JU
 Sample : M5153-08DL2 30X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL73DL2

Quant Time: Dec 23 13:45:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 13:37:07 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	38642	20.000	ng/u1	0.00
20) Naphthalene-d8	11.113	136	163871	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.907	164	111746	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.651	188	251613	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.969	240	243596	20.000	ng/u1	#-0.01
88) Perylene-d12	25.464	264	245591	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	7.406	99	2078	0.602	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.576	67	1552	0.757	ng/u1	0.00
11) 2-Chlorophenol-d4	7.794	132	1513	0.631	ng/u1	0.00
15) 4-Methylphenol-d8	8.968	113	1522	0.571	ng/u1	0.00
21) Nitrobenzene-d5	9.444	128	798	0.664	ng/u1	0.00
24) 2-Nitrophenol-d4	10.173	143	593	0.452	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.713	165	1695	0.595	ng/u1	0.00
31) 4-Chloroaniline-d4	11.224	131	574	0.153	ng/u1	0.00
46) Dimethylphthalate-d6	14.291	166	5254	0.587	ng/u1	-0.01
49) Acenaphthylene-d8	14.602	160	6294	0.567	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.894	176	4657	0.581	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.751	188	8752	0.729	ng/u1	0.00
81) Pyrene-d10	20.030	212	9389	0.640	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.217	264	7265m	0.562	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.160	128	26915	3.049	ng/u1	99
36) 2-Methylnaphthalene	12.752	142	251809	39.979	ng/u1	99
37) 1-Methylnaphthalene	12.969	142	100758	15.407	ng/u1	93
43) 1,1'-Biphenyl	13.738	154	55804	6.519	ng/u1#	89
52) Acenaphthene	14.972	153	26602	3.705	ng/u1	98
56) Dibenzofuran	15.301	168	60864	5.756	ng/u1	95
61) Fluorene	15.947	166	27803	3.191	ng/u1	99
72) Phenanthrene	17.692	178	13477	1.041	ng/u1#	95
86) Bis(2-ethylhexyl)phtha...	21.833	149	13341	1.705	ng/u1#	98

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

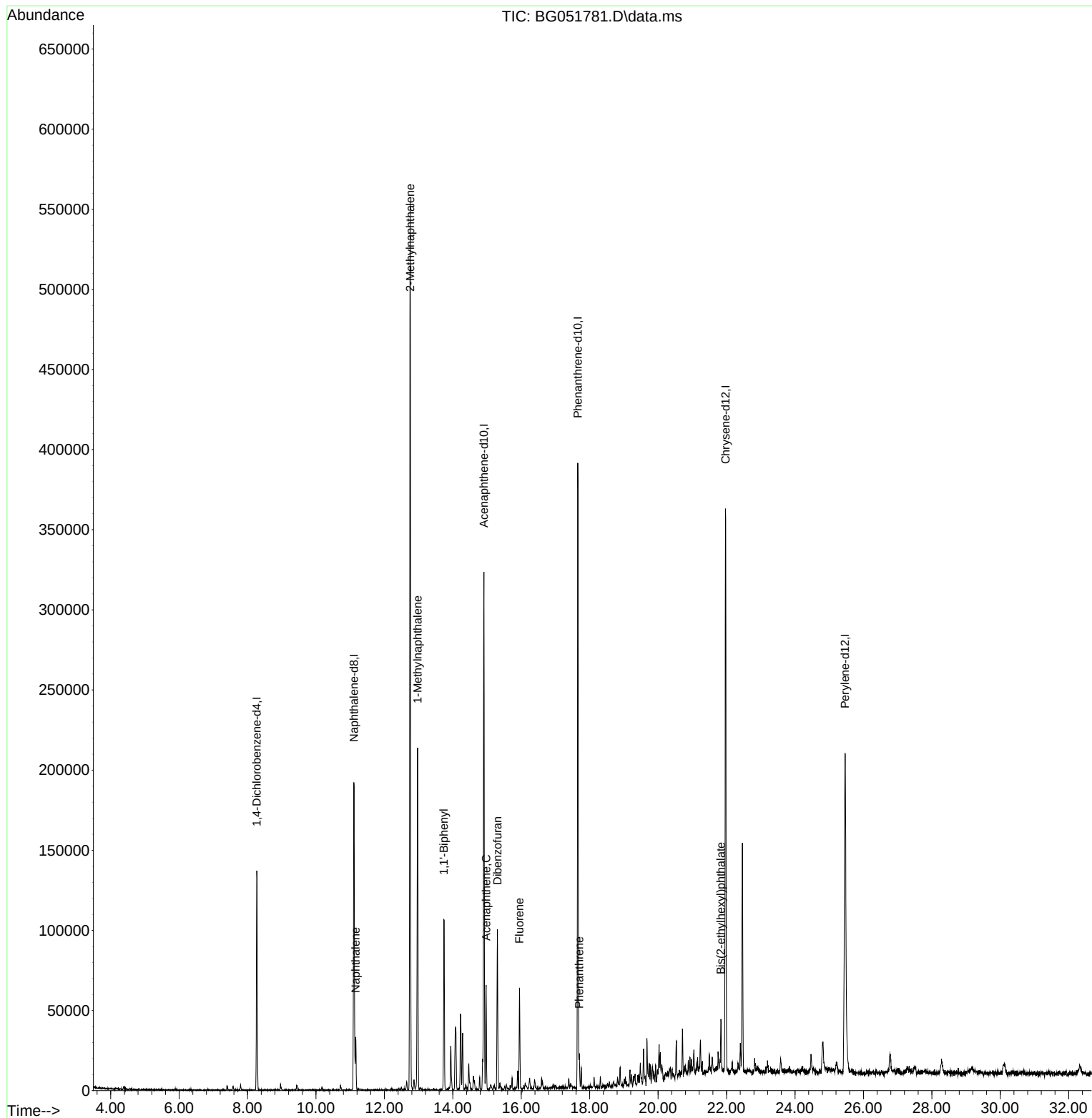
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051781.D
Acq On : 23 Dec 2021 12:20
Operator : CG/JU
Sample : M5153-08DL2 30X
Misc :
ALS Vial : 32 Sample Multiplier: 1

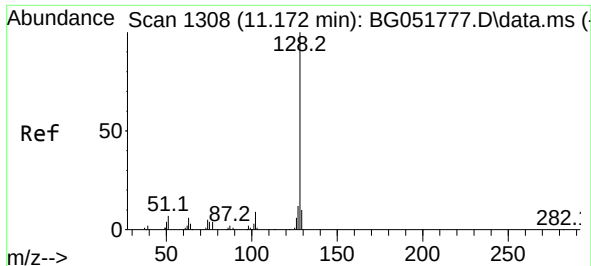
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
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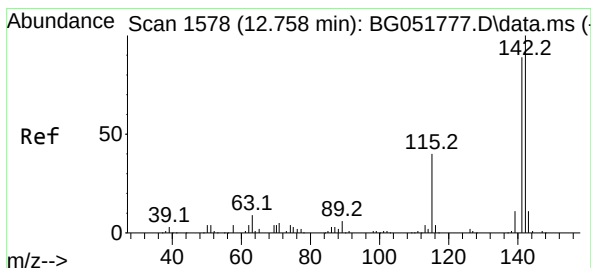
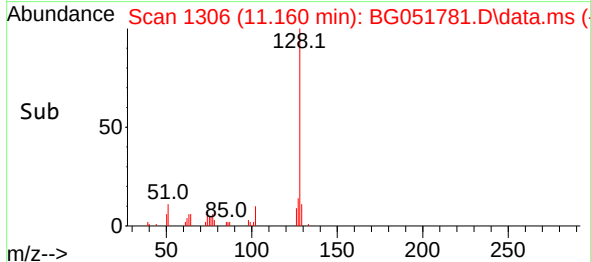
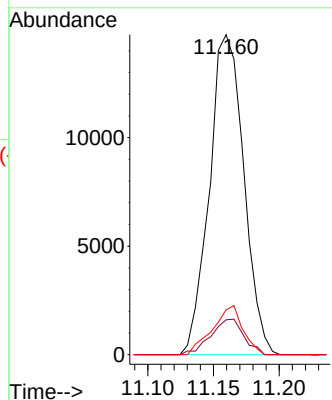
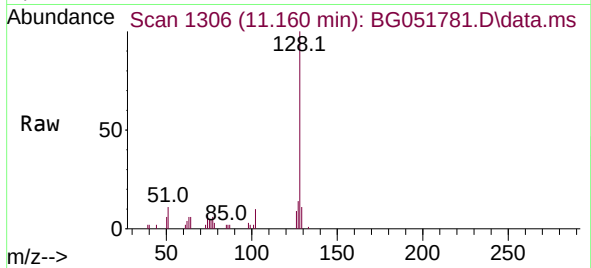
#30
Naphthalene
Concen: 3.049 ng/ul
RT: 11.160 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG051781.D
Acq: 23 Dec 2021 12:20

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	14.0	11.8	17.6

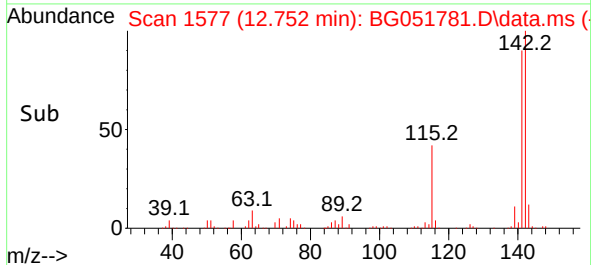
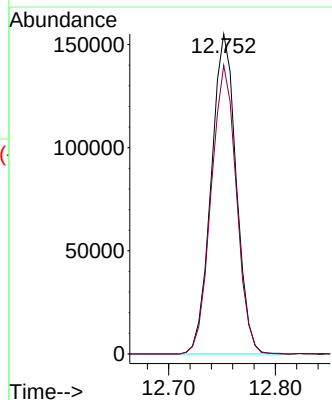
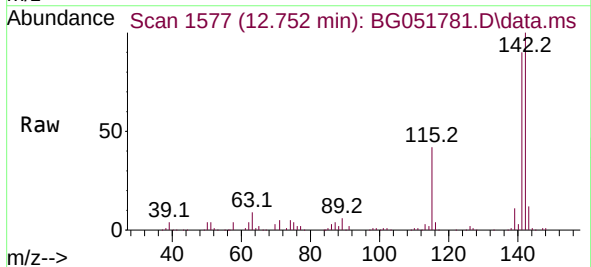
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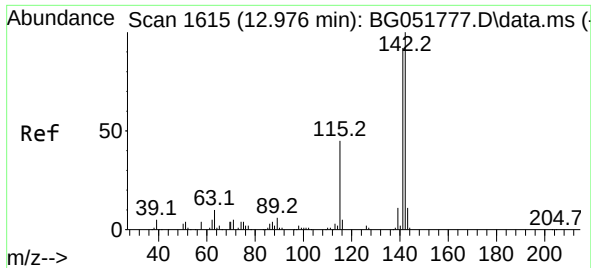
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/31/2021



#36
2-Methylnaphthalene
Concen: 39.979 ng/ul
RT: 12.752 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BG051781.D
Acq: 23 Dec 2021 12:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.3	109.9





#37

1-Methylnaphthalene

Concen: 15.407 ng/ul

RT: 12.969 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG051781.D

Acq: 23 Dec 2021 12:20

Instrument :

BNA_G

ClientSampleId :

BGL73DL2

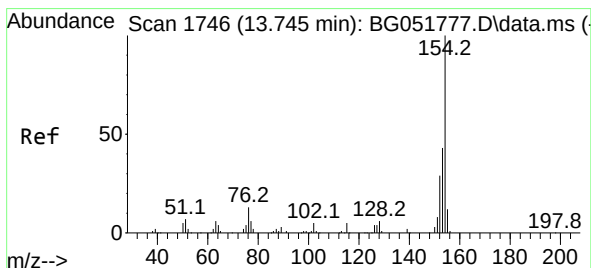
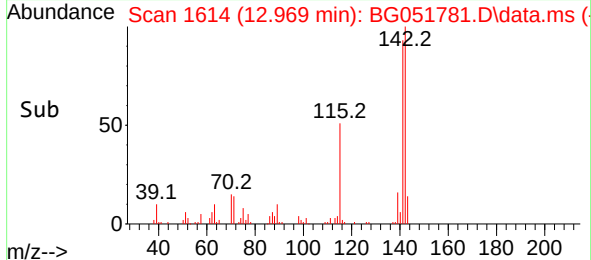
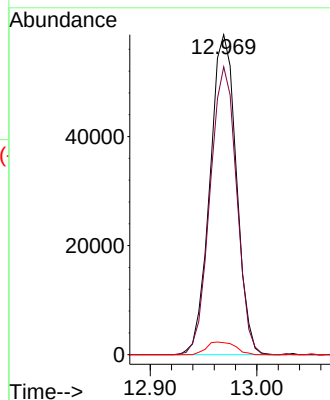
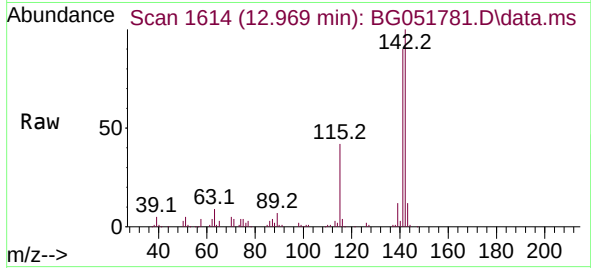
Tgt Ion:142 Resp: 100758

Ion	Ratio	Lower	Upper
142	100		
141	90.0	77.8	116.8
116	3.8	3.3	4.9

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#43

1,1'-Biphenyl

Concen: 6.519 ng/ul

RT: 13.738 min Scan# 1745

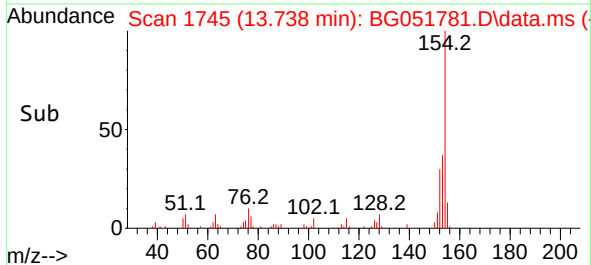
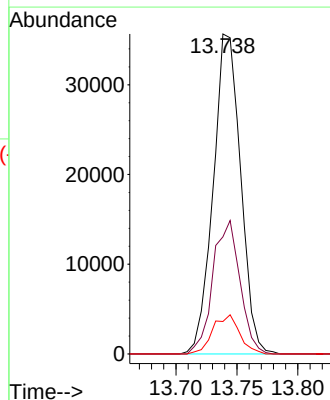
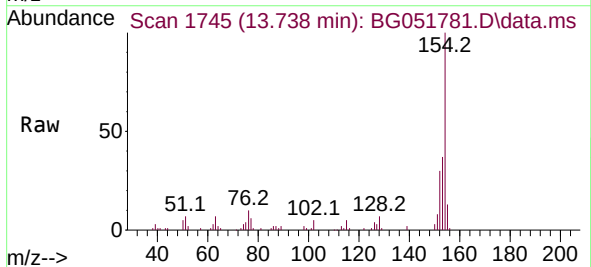
Delta R.T. -0.006 min

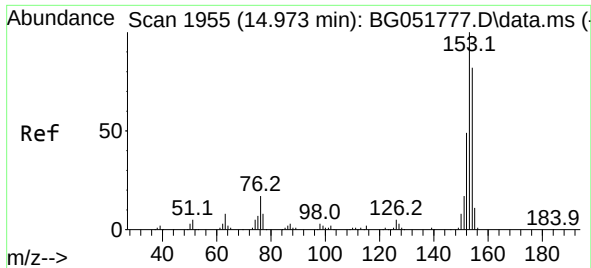
Lab File: BG051781.D

Acq: 23 Dec 2021 12:20

Tgt Ion:154 Resp: 55804

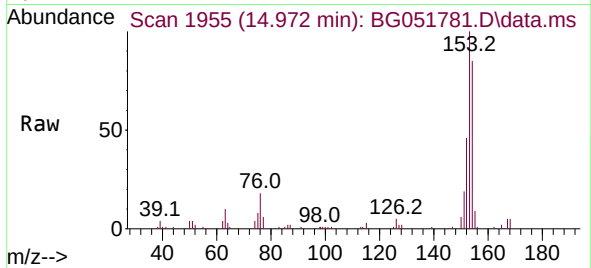
Ion	Ratio	Lower	Upper
154	100		
153	36.6	34.5	51.7
76	10.1	13.1	19.7#





#52
Acenaphthene
Concen: 3.705 ng/u1
RT: 14.972 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG051781.D
Acq: 23 Dec 2021 12:20

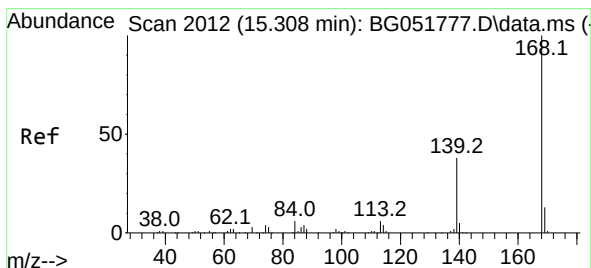
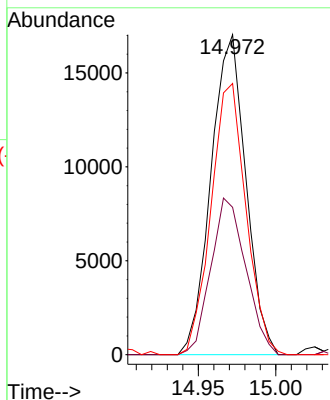
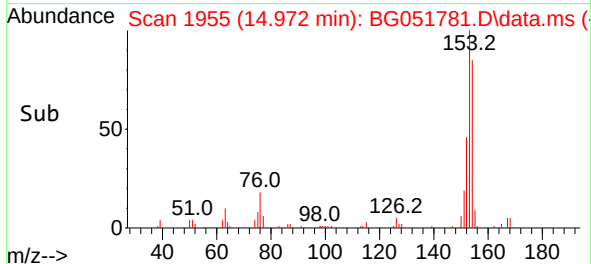
Instrument :
BNA_G
ClientSampleId :
BGL73DL2



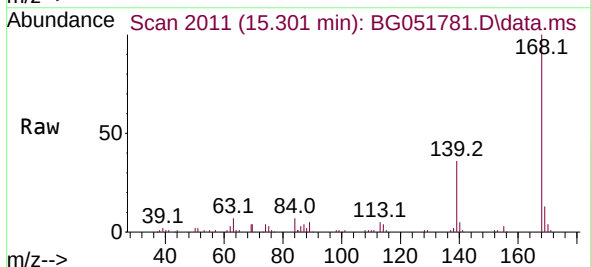
Tgt Ion:153 Resp: 26602
Ion Ratio Lower Upper
153 100
152 46.1 36.5 54.7
154 84.7 65.8 98.6

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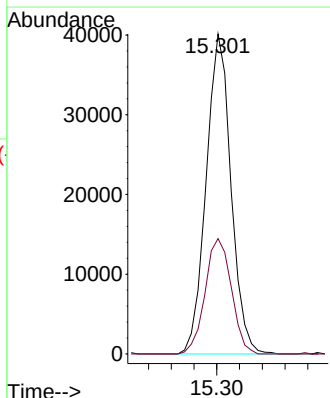
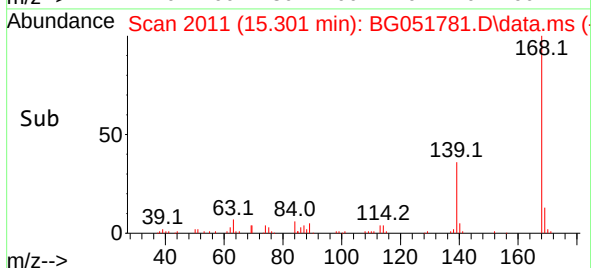
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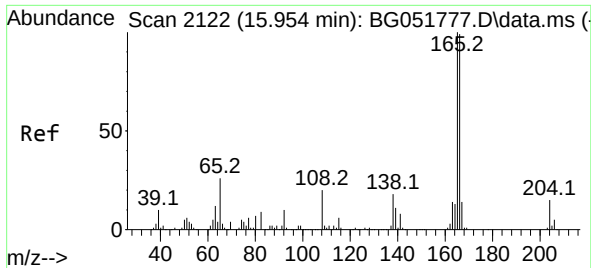


#56
Dibenzofuran
Concen: 5.756 ng/u1
RT: 15.301 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BG051781.D
Acq: 23 Dec 2021 12:20



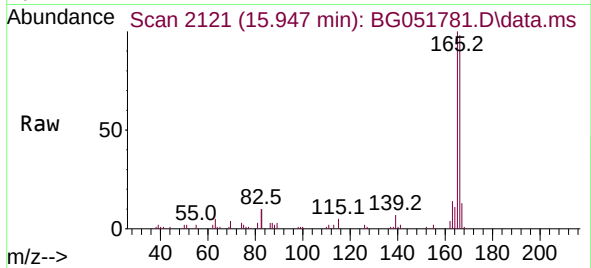
Tgt Ion:168 Resp: 60864
Ion Ratio Lower Upper
168 100
139 36.0 31.2 46.8





#61
Fluorene
Concen: 3.191 ng/ul
RT: 15.947 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BG051781.D
Acq: 23 Dec 2021 12:20

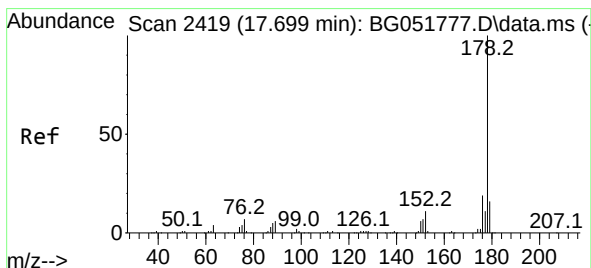
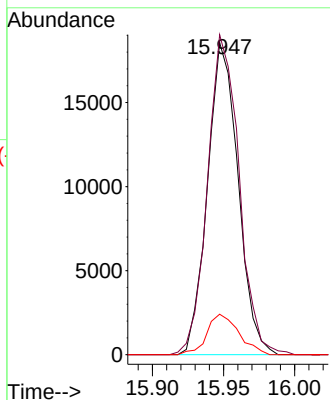
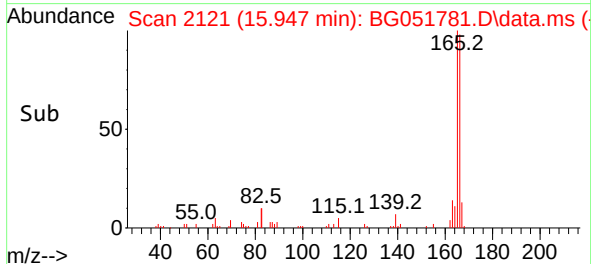
Instrument :
BNA_G
ClientSampleId :
BGL73DL2



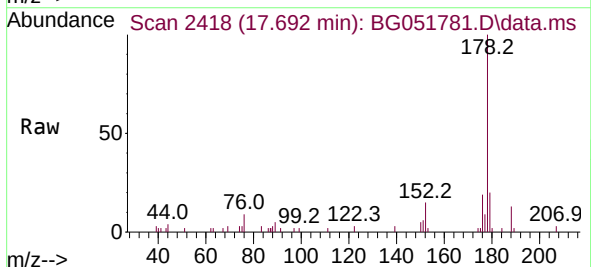
Tgt Ion:166 Resp: 2780
Ion Ratio Lower Upper
166 100
165 102.5 81.0 121.6
167 13.0 11.0 16.4

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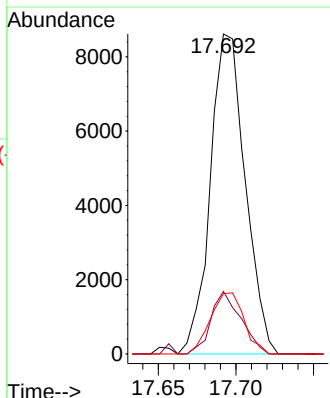
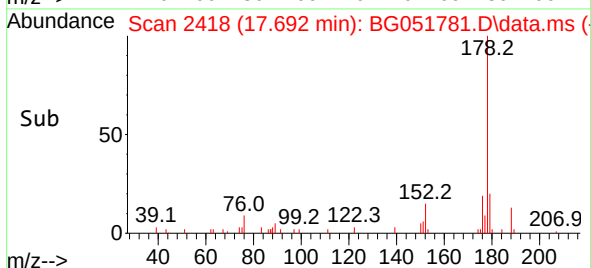
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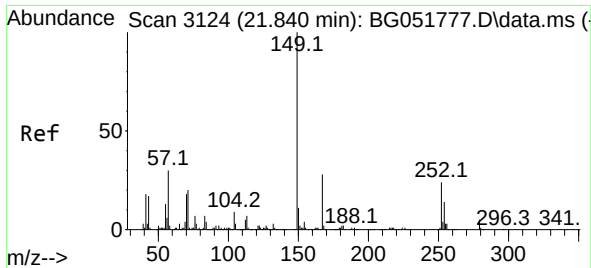


#72
Phenanthrene
Concen: 1.041 ng/ul
RT: 17.692 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BG051781.D
Acq: 23 Dec 2021 12:20



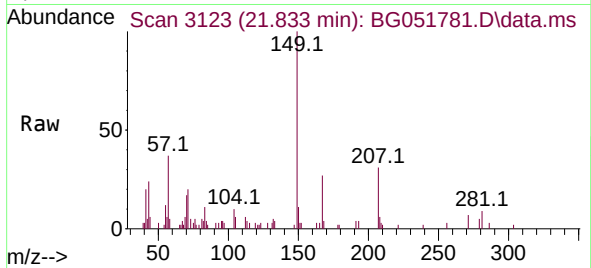
Tgt Ion:178 Resp: 13477
Ion Ratio Lower Upper
178 100
179 19.6 12.3 18.5#
176 18.9 15.5 23.3





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.705 ng/ul
 RT: 21.833 min Scan# 3123
 Delta R.T. -0.012 min
 Lab File: BG051781.D
 Acq: 23 Dec 2021 12:20

Instrument :
 BNA_G
 ClientSampleId :
 BGL73DL2



Tgt Ion:149 Resp: 1334

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.1	31.7
279	4.9	2.7	4.1

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