

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
 Data File : BG051723.D
 Acq On : 21 Dec 2021 19:37
 Operator : CG/JU
 Sample : M5153-08DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL73DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 23:12:11 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	47718	20.000	ng/u1	-0.02
20) Naphthalene-d8	11.113	136	198053	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.908	164	132664	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.657	188	296485	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.975	240	280064	20.000	ng/u1	#-0.01
88) Perylene-d12	25.476	264	296433	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	804	0.700	ng/uL	0.00
4) Pyridine-d5	4.052	84	2024m	0.583	ng/u1	0.00
7) Phenol-d5	7.401	99	15571	3.655	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.577	67	9104	3.594	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.794	132	11267	3.802	ng/u1	-0.02
15) 4-Methylphenol-d8	8.963	113	11524	3.499	ng/u1	-0.02
21) Nitrobenzene-d5	9.445	128	6143	4.231	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.173	143	6368	4.012	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.720	165	12506	3.633	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.236	131	6845	1.510	ng/u1	0.00
46) Dimethylphthalate-d6	14.297	166	41609	3.919	ng/u1	-0.02
49) Acenaphthylene-d8	14.603	160	47889	3.631	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.067	143	4776	2.766	ng/u1	-0.01
60) Fluorene-d10	15.895	176	36554	3.842	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.751	188	58062	4.105	ng/u1	-0.01
81) Pyrene-d10	20.030	212	62955	3.735	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.229	264	58174	3.730	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.160	128	200635	18.803	ng/u1	97
36) 2-Methylnaphthalene	12.764	142	1717832	225.666	ng/u1	100
37) 1-Methylnaphthalene	12.975	142	697267	88.217	ng/u1	96
43) 1,1'-Biphenyl	13.745	154	403202	39.677	ng/u1	96
52) Acenaphthene	14.973	153	190098	22.302	ng/u1	97
56) Dibenzofuran	15.302	168	435364	34.681	ng/u1	97
61) Fluorene	15.954	166	200684	19.402	ng/u1	98
72) Phenanthrene	17.698	178	90237	5.917	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.840	149	93245	10.367	ng/u1#	99

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

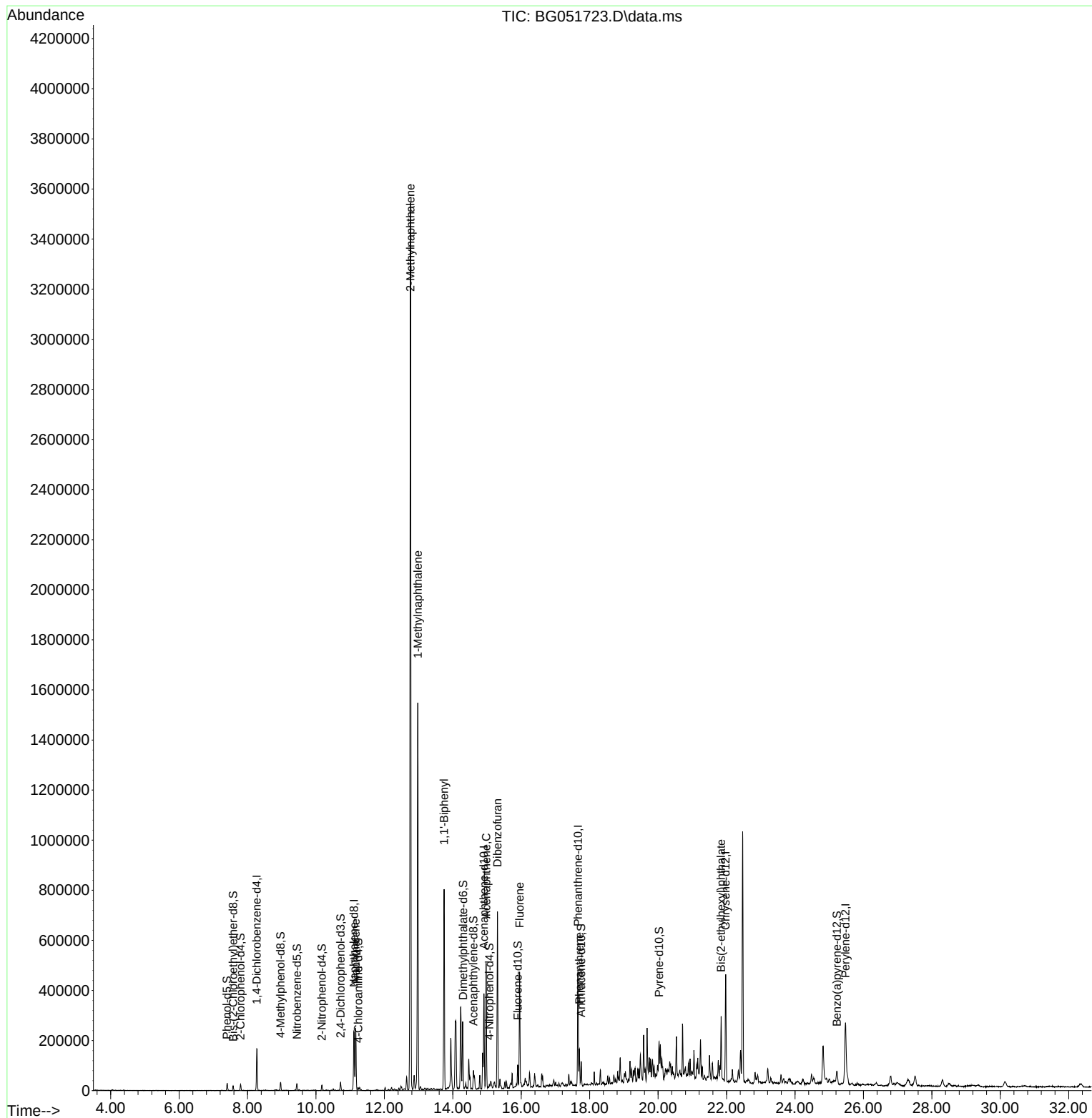
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051723.D
Acq On : 21 Dec 2021 19:37
Operator : CG/JU
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ALS Vial : 50 Sample Multiplier: 1

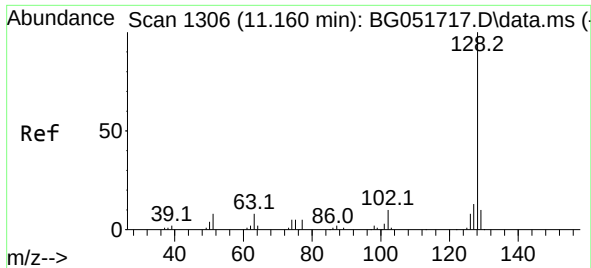
Instrument :
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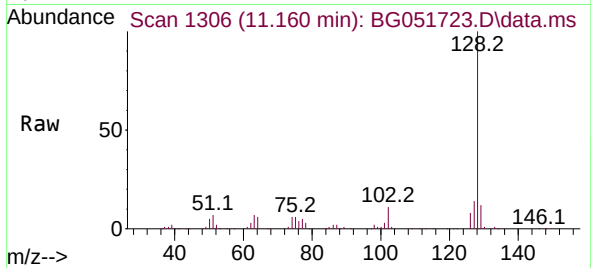
Quant Time: Dec 21 23:12:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 18.803 ng/ul
RT: 11.160 min Scan# 1116
Delta R.T. -0.017 min
Lab File: BG051723.D
Acq: 21 Dec 2021 19:37

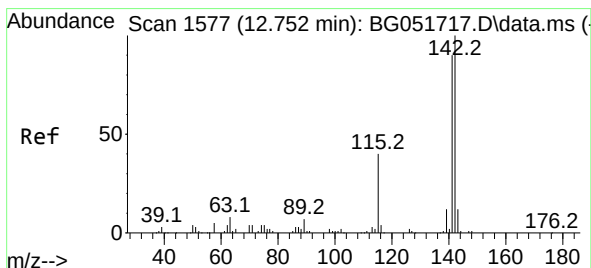
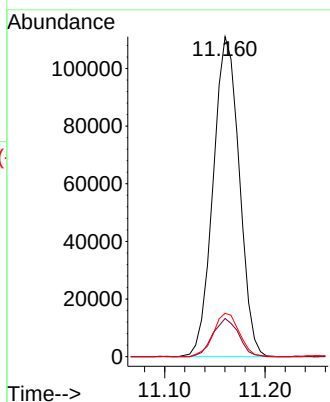
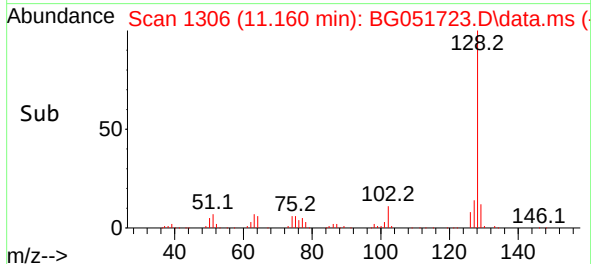
Instrument :
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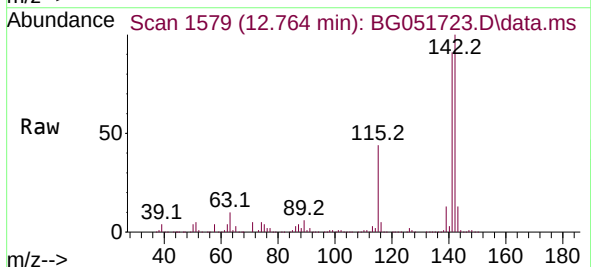
Tgt Ion:128 Resp: 200635
Ion Ratio Lower Upper
128 100
129 11.9 8.5 12.7
127 13.6 11.8 17.6

Manual Integrations
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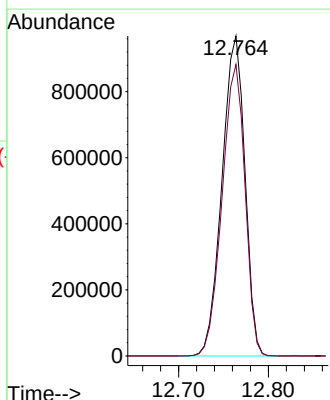
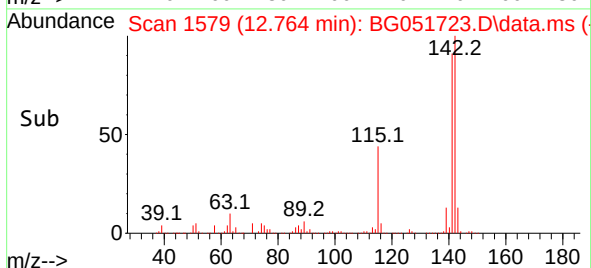
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Supervised By :mohammad ahmed 12/28/2021

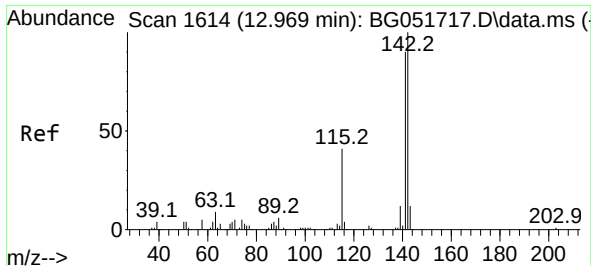


#36
2-Methylnaphthalene
Concen: 225.666 ng/ul
RT: 12.764 min Scan# 1579
Delta R.T. -0.005 min
Lab File: BG051723.D
Acq: 21 Dec 2021 19:37



Tgt Ion:142 Resp: 1717832
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9





#37

1-Methylnaphthalene

Concen: 88.217 ng/ul

RT: 12.975 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG051723.D

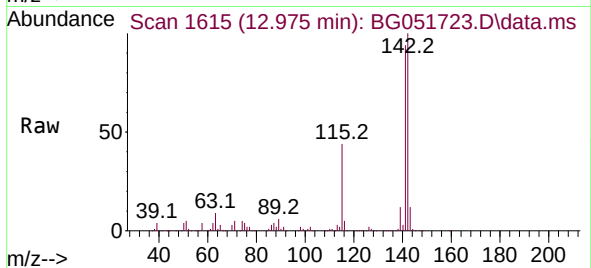
Acq: 21 Dec 2021 19:37

Instrument :

BNA_G

ClientSampleId :

BGL73DL

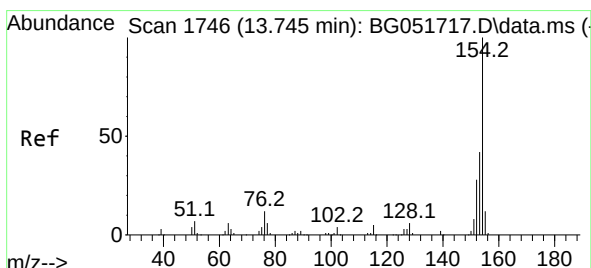
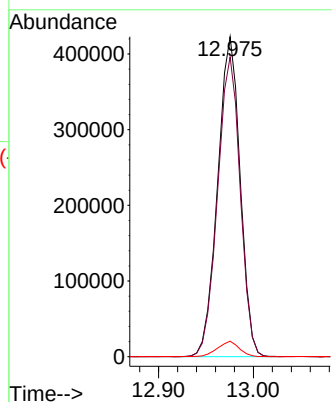
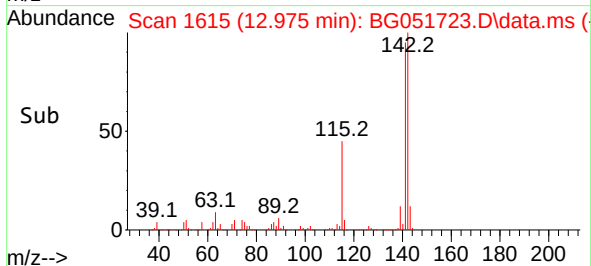


Tgt Ion:	142	Resp:	69726
Ion Ratio	Lower	Upper	
142	100		
141	93.6	77.8	116.8
116	4.9	3.3	4.9

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#43

1,1'-Biphenyl

Concen: 39.677 ng/ul

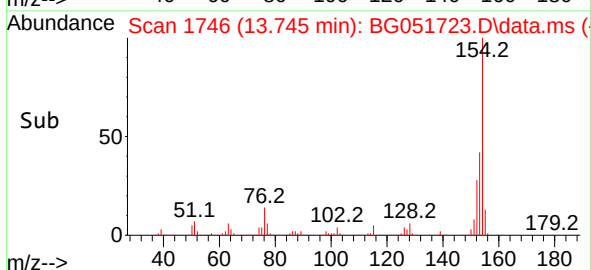
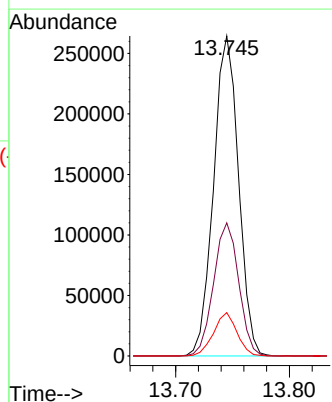
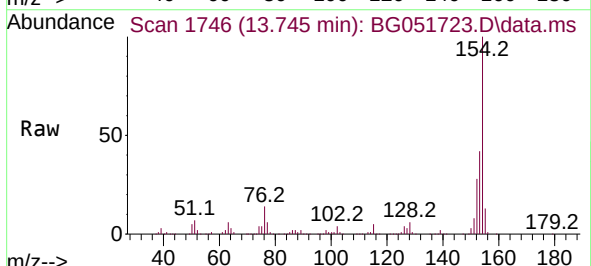
RT: 13.745 min Scan# 1746

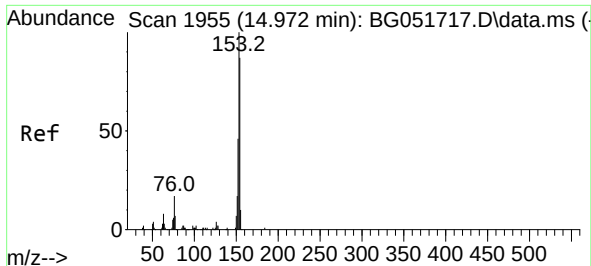
Delta R.T. -0.011 min

Lab File: BG051723.D

Acq: 21 Dec 2021 19:37

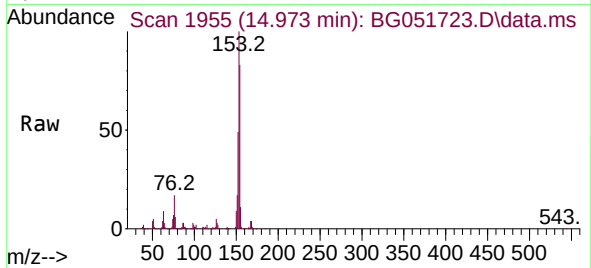
Tgt Ion:	154	Resp:	403202
Ion Ratio	Lower	Upper	
154	100		
153	41.6	34.5	51.7
76	13.6	13.1	19.7





#52
Acenaphthene
Concen: 22.302 ng/u1
RT: 14.973 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BG051723.D
Acq: 21 Dec 2021 19:37

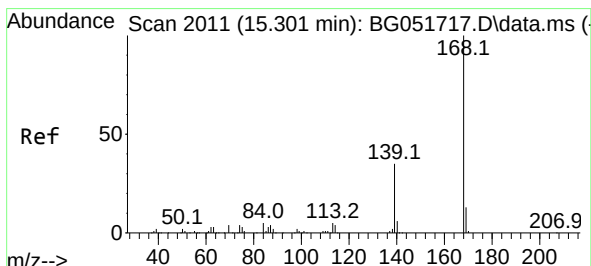
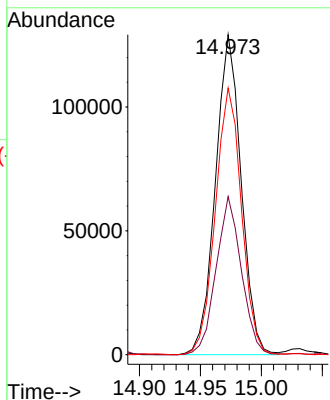
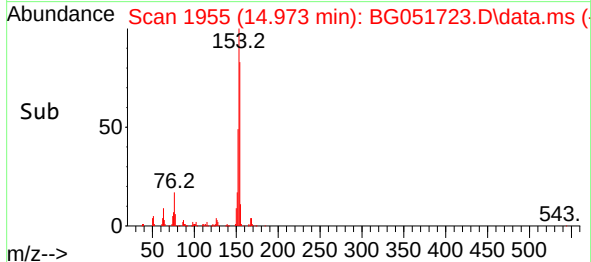
Instrument :
BNA_G
ClientSampleId :
BGL73DL



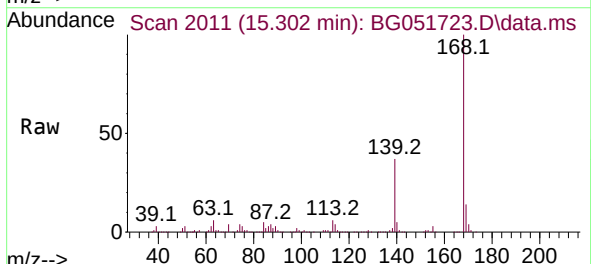
Tgt Ion:153 Resp: 190098
Ion Ratio Lower Upper
153 100
152 49.4 36.5 54.7
154 83.4 65.8 98.6

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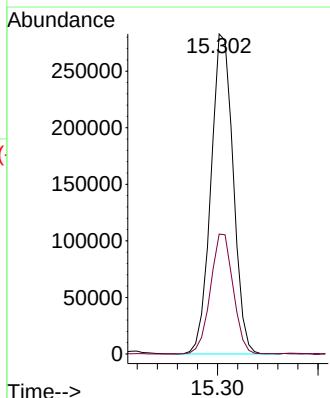
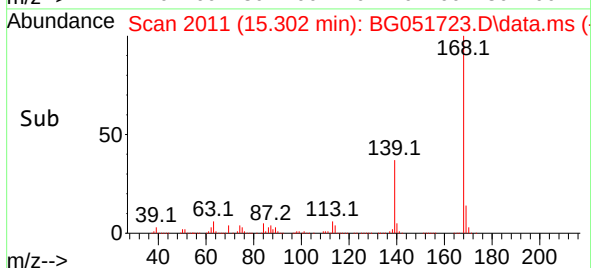
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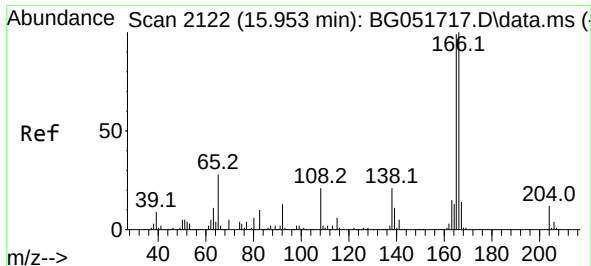


#56
Dibenzofuran
Concen: 34.681 ng/u1
RT: 15.302 min Scan# 2011
Delta R.T. -0.017 min
Lab File: BG051723.D
Acq: 21 Dec 2021 19:37



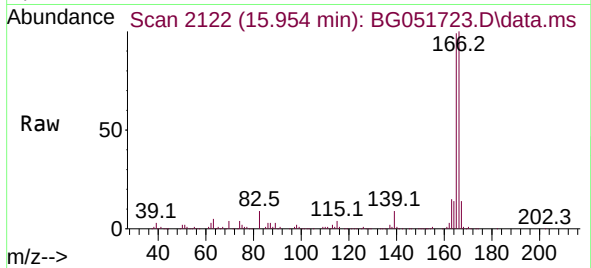
Tgt Ion:168 Resp: 435364
Ion Ratio Lower Upper
168 100
139 37.4 31.2 46.8





#61
Fluorene
Concen: 19.402 ng/ul
RT: 15.954 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BG051723.D
Acq: 21 Dec 2021 19:37

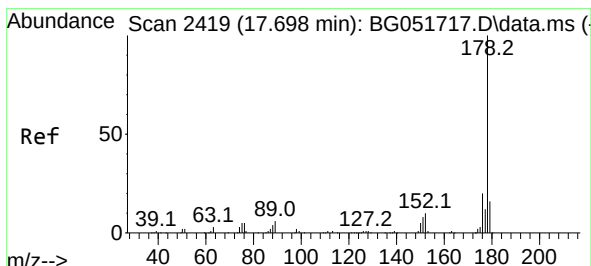
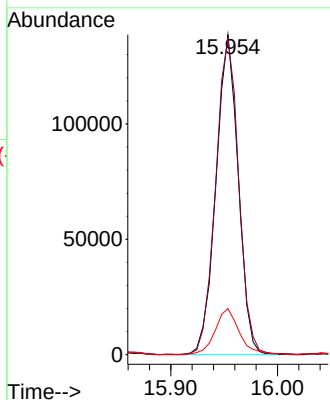
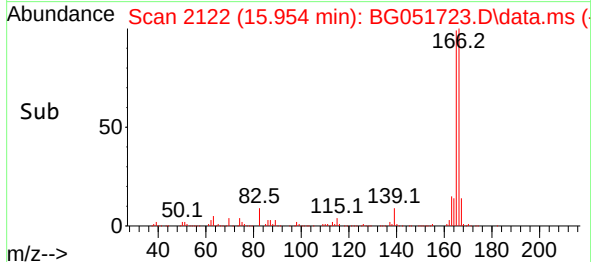
Instrument :
BNA_G
ClientSampleId :
BGL73DL



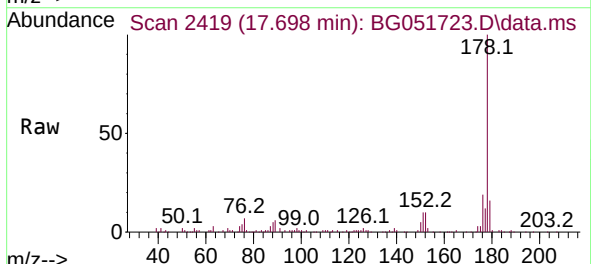
Tgt Ion:166 Resp: 200684
Ion Ratio Lower Upper
166 100
165 98.8 81.0 121.6
167 14.4 11.0 16.4

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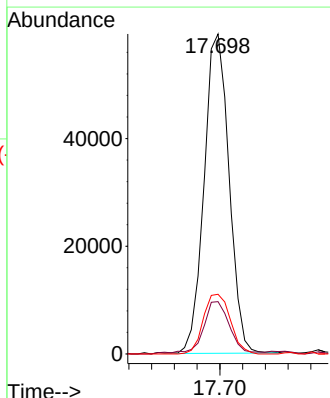
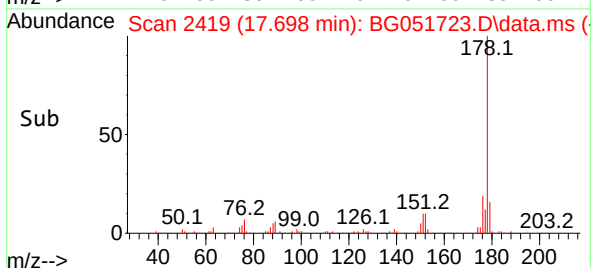
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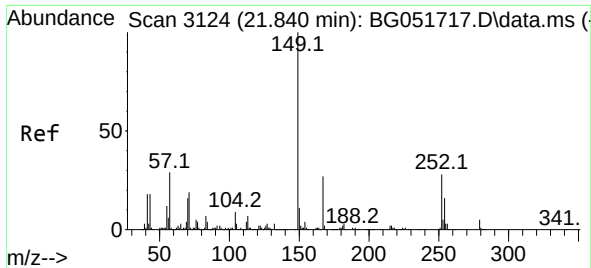


#72
Phenanthrene
Concen: 5.917 ng/ul
RT: 17.698 min Scan# 2419
Delta R.T. -0.011 min
Lab File: BG051723.D
Acq: 21 Dec 2021 19:37



Tgt Ion:178 Resp: 90237
Ion Ratio Lower Upper
178 100
179 16.4 12.3 18.5
176 18.7 15.5 23.3





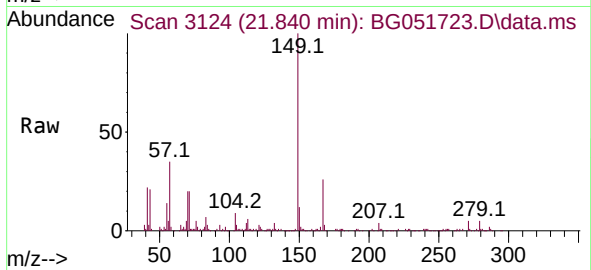
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 10.367 ng/ul
 RT: 21.840 min Scan# 3124
 Delta R.T. -0.029 min
 Lab File: BG051723.D
 Acq: 21 Dec 2021 19:37

Instrument :

BNA_G

ClientSampleId :

BGL73DL



Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.1	31.7
279	5.0	2.7	4.1

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