

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051583.D
 Acq On : 16 Dec 2021 23:38
 Operator : CG/JU
 Sample : M5013-03DL3 100X
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLT2DL3

Quant Time: Dec 17 01:25:46 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 12/17/2021
 Supervised By :Yogesh Patel 12/23/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	29973	20.000	ng/u1	0.00
20) Naphthalene-d8	11.119	136	123464	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.914	164	91851	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.657	188	227220	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.975	240	230300	20.000	ng/u1	#-0.01
88) Perylene-d12	25.470	264	228829	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	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	7.583	67	575	0.361	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.794	132	488m	0.262	ng/u1	-0.02
15) 4-Methylphenol-d8	8.969	113	347m	0.168	ng/u1	-0.01
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.303	166	2558	0.348	ng/u1	-0.01
49) Acenaphthylene-d8	14.602	160	3317	0.363	ng/u1	-0.01
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	15.895	176	2117	0.321	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.757	188	4809	0.444	ng/u1	0.00
81) Pyrene-d10	20.030	212	4791	0.346	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.235	264	3935m	0.327	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.166	128	504941	75.912	ng/u1	99
36) 2-Methylnaphthalene	12.758	142	51158	10.781	ng/u1	98
37) 1-Methylnaphthalene	12.975	142	23859	4.842	ng/u1	97
43) 1,1'-Biphenyl	13.751	154	11900	1.691	ng/u1	99
52) Acenaphthene	14.973	153	31742	5.379	ng/u1	94
56) Dibenzofuran	15.307	168	40811	4.696	ng/u1	99
61) Fluorene	15.954	166	13143	1.835	ng/u1	92
72) Phenanthrene	17.698	178	24514	2.098	ng/u1#	93
77) Carbazole	18.051	167	15444	1.461	ng/u1	95

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

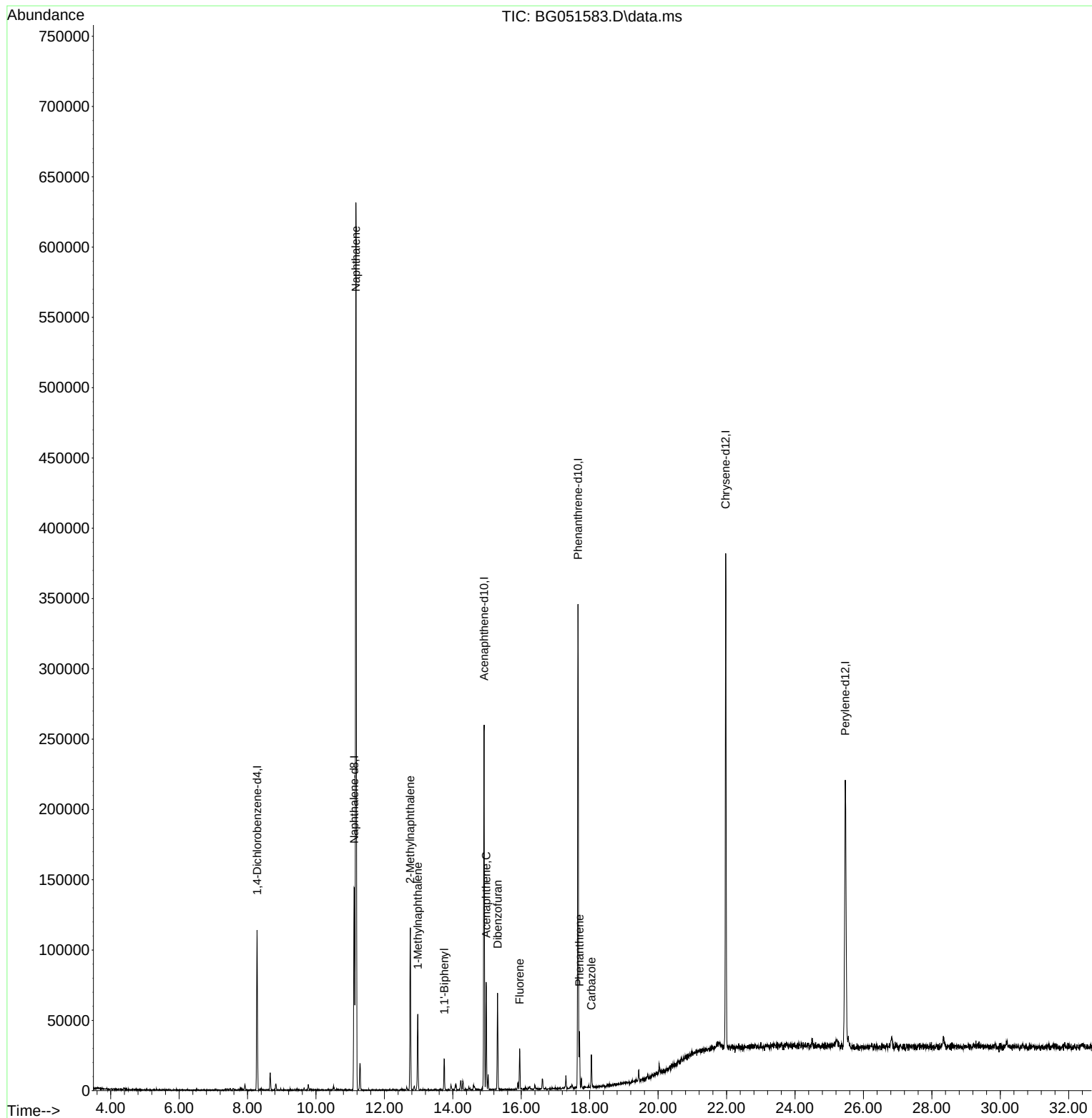
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051583.D
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Operator : CG/JU
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Misc :
ALS Vial : 83 Sample Multiplier: 1

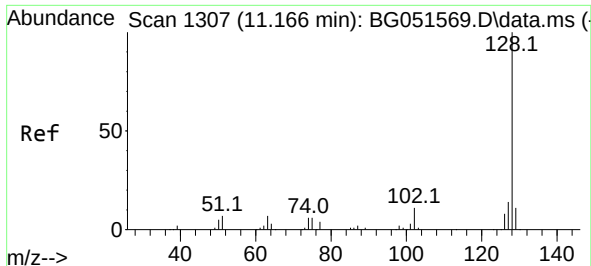
Instrument :
BNA_G
ClientSampleId :
DBLT2DL3

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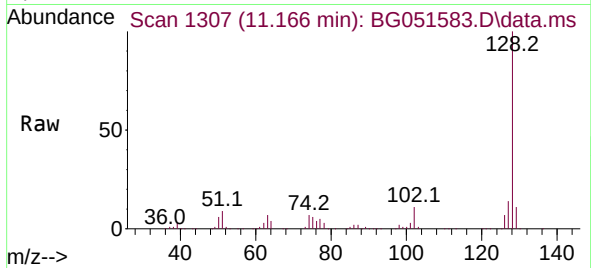
Quant Time: Dec 17 01:25:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 75.912 ng/ul
RT: 11.166 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG051583.D
Acq: 16 Dec 2021 23:38

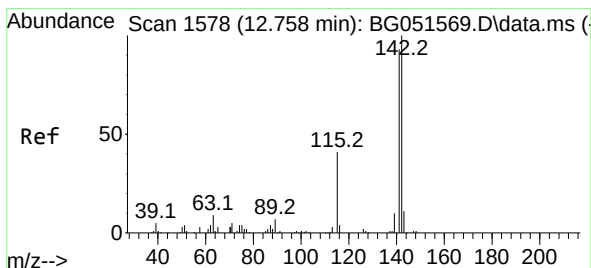
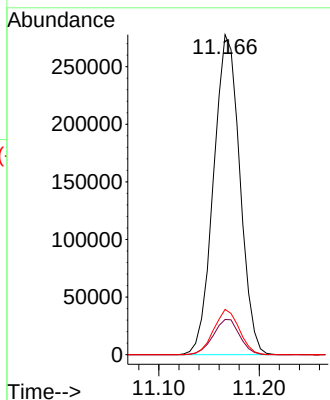
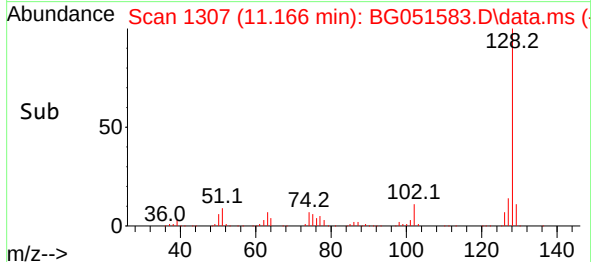
Instrument :
BNA_G
ClientSampleId :
DBLT2DL3



Tgt Ion:128 Resp: 50494
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 14.2 11.8 17.6

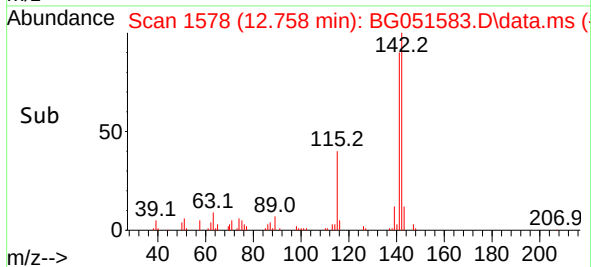
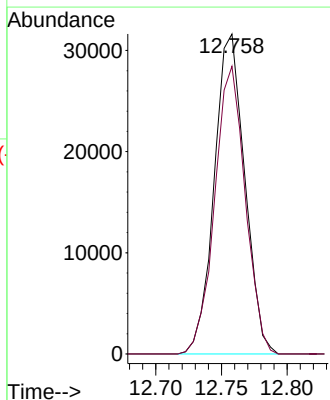
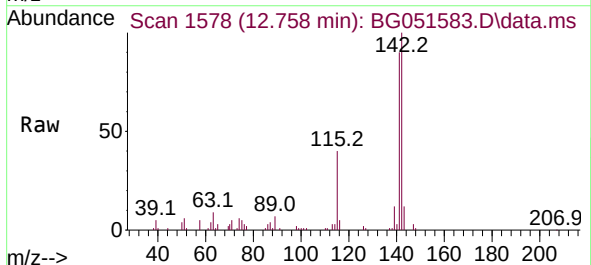
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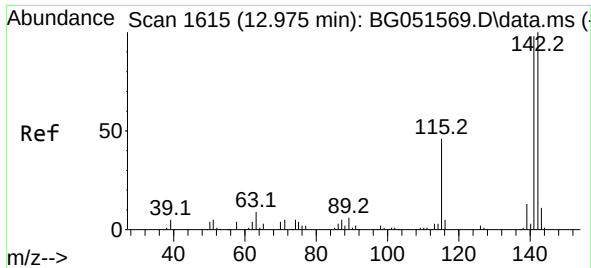
Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :Yogesh Patel 12/23/2021



#36
2-Methylnaphthalene
Concen: 10.781 ng/ul
RT: 12.758 min Scan# 1578
Delta R.T. -0.011 min
Lab File: BG051583.D
Acq: 16 Dec 2021 23:38

Tgt Ion:142 Resp: 51158
Ion Ratio Lower Upper
142 100
141 89.9 73.3 109.9





#37

1-Methylnaphthalene

Concen: 4.842 ng/ul

RT: 12.975 min Scan# 1615

Delta R.T. -0.011 min

Lab File: BG051583.D

Acq: 16 Dec 2021 23:38

Instrument :

BNA_G

ClientSampleId :

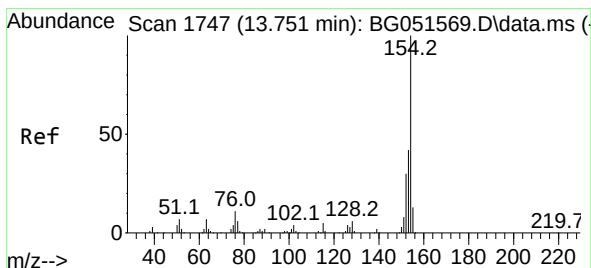
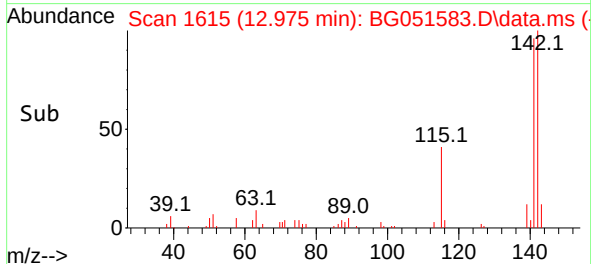
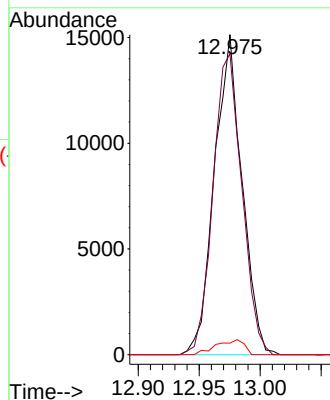
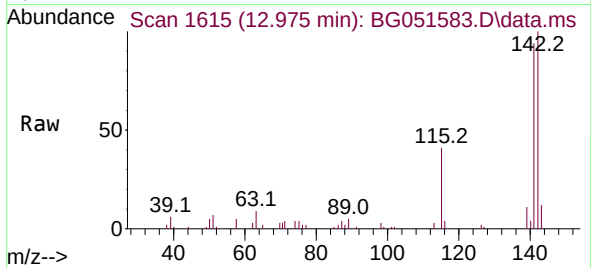
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Tgt Ion:	142	Resp:	2385
Ion Ratio	Lower	Upper	
142	100		
141	94.0	77.8	116.8
116	3.6	3.3	4.9

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#43

1,1'-Biphenyl

Concen: 1.691 ng/ul

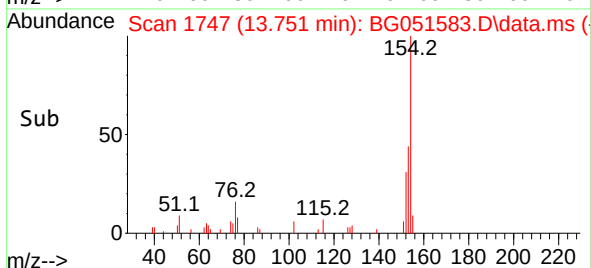
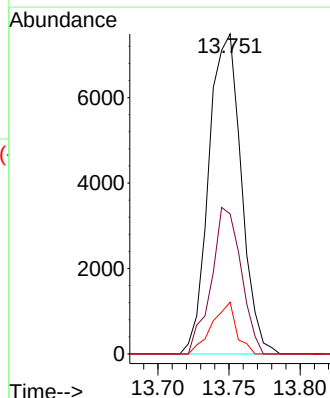
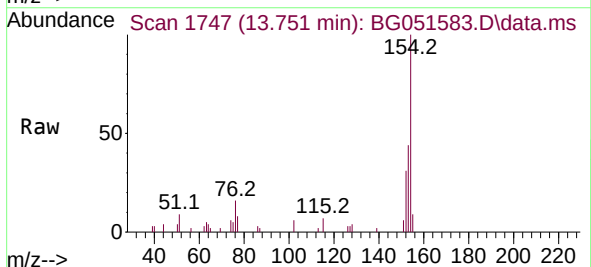
RT: 13.751 min Scan# 1747

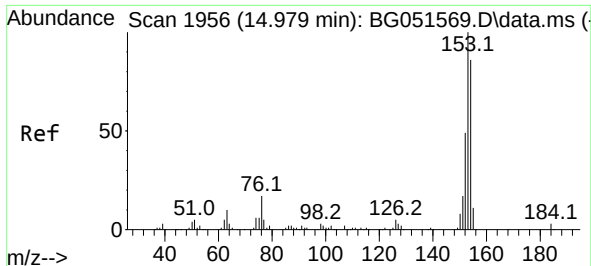
Delta R.T. -0.005 min

Lab File: BG051583.D

Acq: 16 Dec 2021 23:38

Tgt Ion:	154	Resp:	11900
Ion Ratio	Lower	Upper	
154	100		
153	43.8	34.5	51.7
76	16.2	13.1	19.7





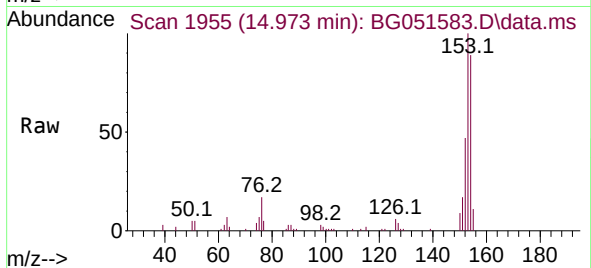
#52
Acenaphthene
Concen: 5.379 ng/ul
RT: 14.973 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BG051583.D
Acq: 16 Dec 2021 23:38

Instrument :

BNA_G

ClientSampleId :

DBLT2DL3

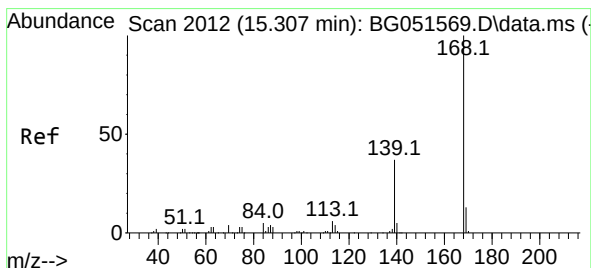
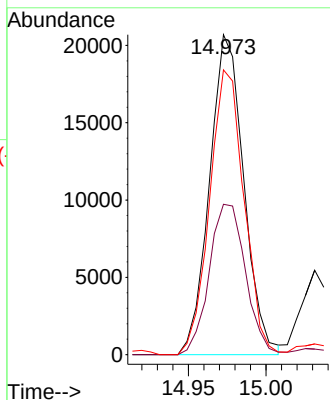
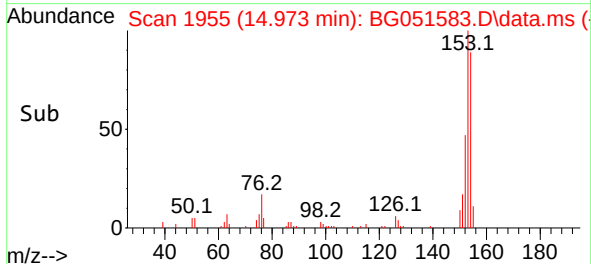


Tgt Ion:153 Resp: 3174
Ion Ratio Lower Upper
153 100
152 47.0 36.5 54.7
154 89.0 65.8 98.6

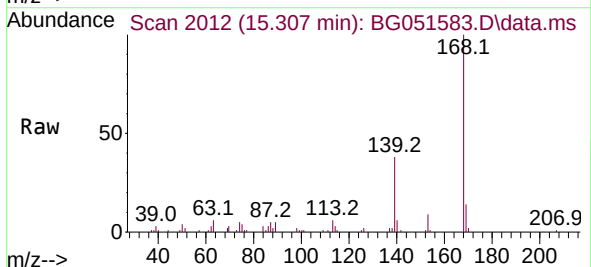
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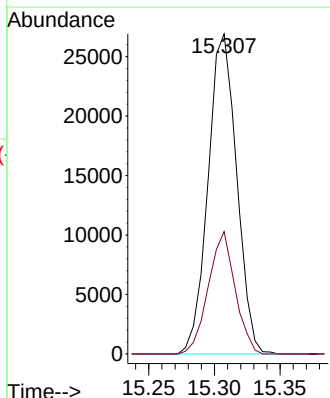
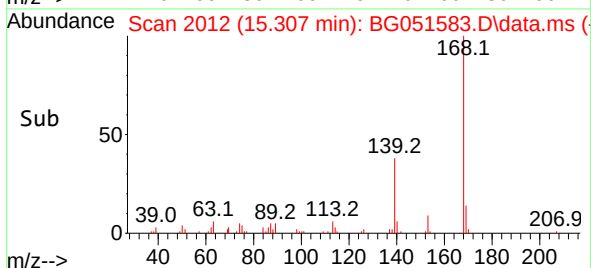
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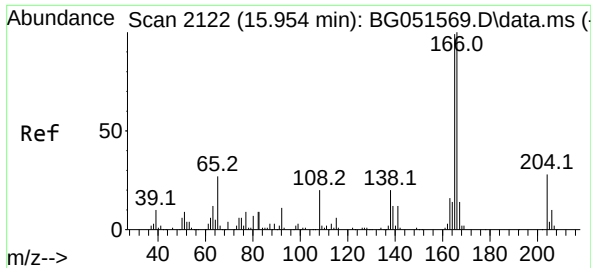


#56
Dibenzofuran
Concen: 4.696 ng/ul
RT: 15.307 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BG051583.D
Acq: 16 Dec 2021 23:38



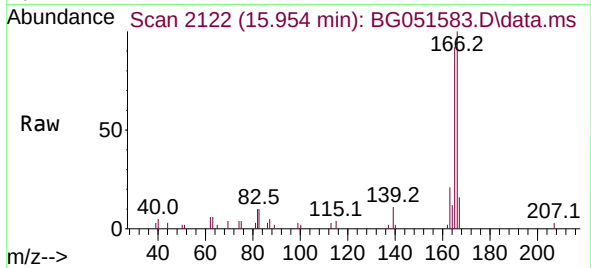
Tgt Ion:168 Resp: 40811
Ion Ratio Lower Upper
168 100
139 38.3 31.2 46.8





#61
Fluorene
Concen: 1.835 ng/ul
RT: 15.954 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BG051583.D
Acq: 16 Dec 2021 23:38

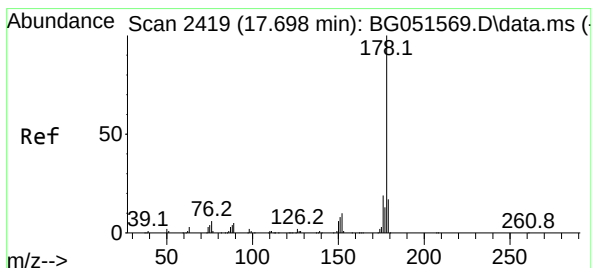
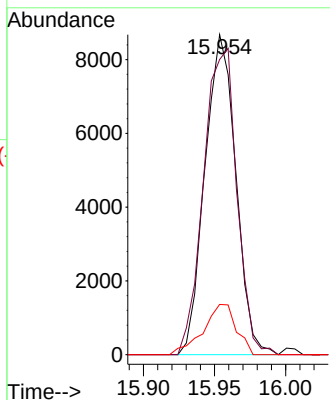
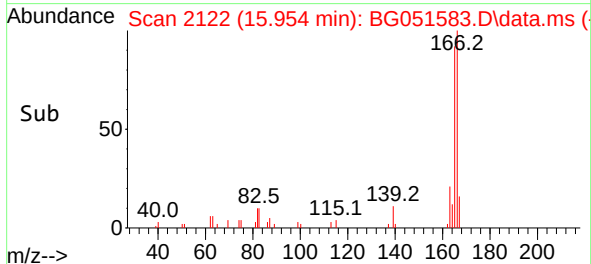
Instrument :
BNA_G
ClientSampleId :
DBLT2DL3



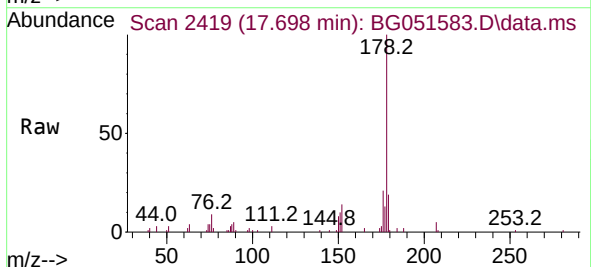
Tgt Ion:166 Resp: 1314
Ion Ratio Lower Upper
166 100
165 92.3 81.0 121.6
167 15.7 11.0 16.4

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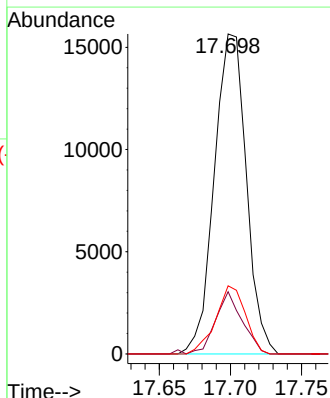
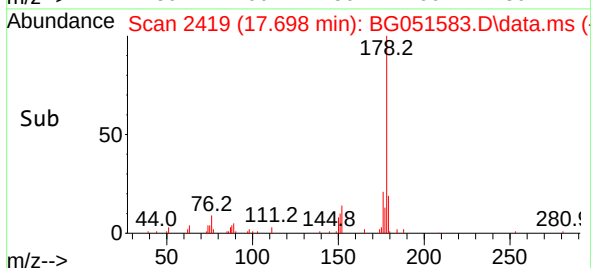
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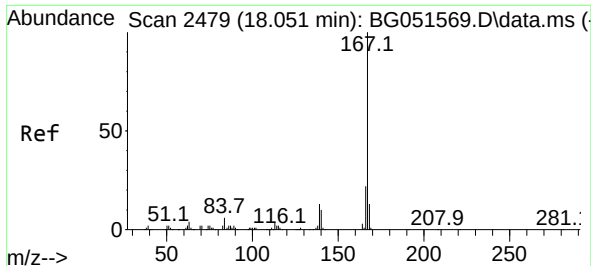


#72
Phenanthrene
Concen: 2.098 ng/ul
RT: 17.698 min Scan# 2419
Delta R.T. -0.011 min
Lab File: BG051583.D
Acq: 16 Dec 2021 23:38



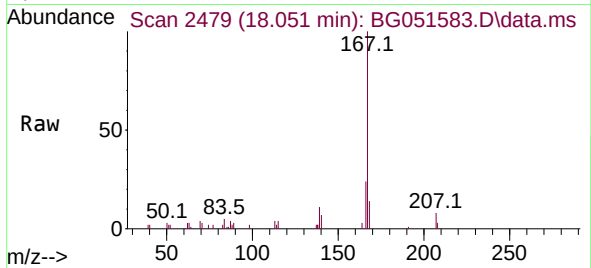
Tgt Ion:178 Resp: 24514
Ion Ratio Lower Upper
178 100
179 19.5 12.3 18.5#
176 21.3 15.5 23.3





#77
 Carbazole
 Concen: 1.461 ng/ul
 RT: 18.051 min Scan# 2479
 Delta R.T. -0.011 min
 Lab File: BG051583.D
 Acq: 16 Dec 2021 23:38

Instrument :
 BNA_G
 ClientSampleId :
 DBLT2DL3



Tgt Ion:	167	Resp:	1544
Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.3	25.9
139	11.2	10.6	16.0

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