

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051398.D
 Acq On : 8 Dec 2021 1:28
 Operator : CG/JU
 Sample : M4942-01ME
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKP9ME

Quant Time: Dec 08 05:30:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

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

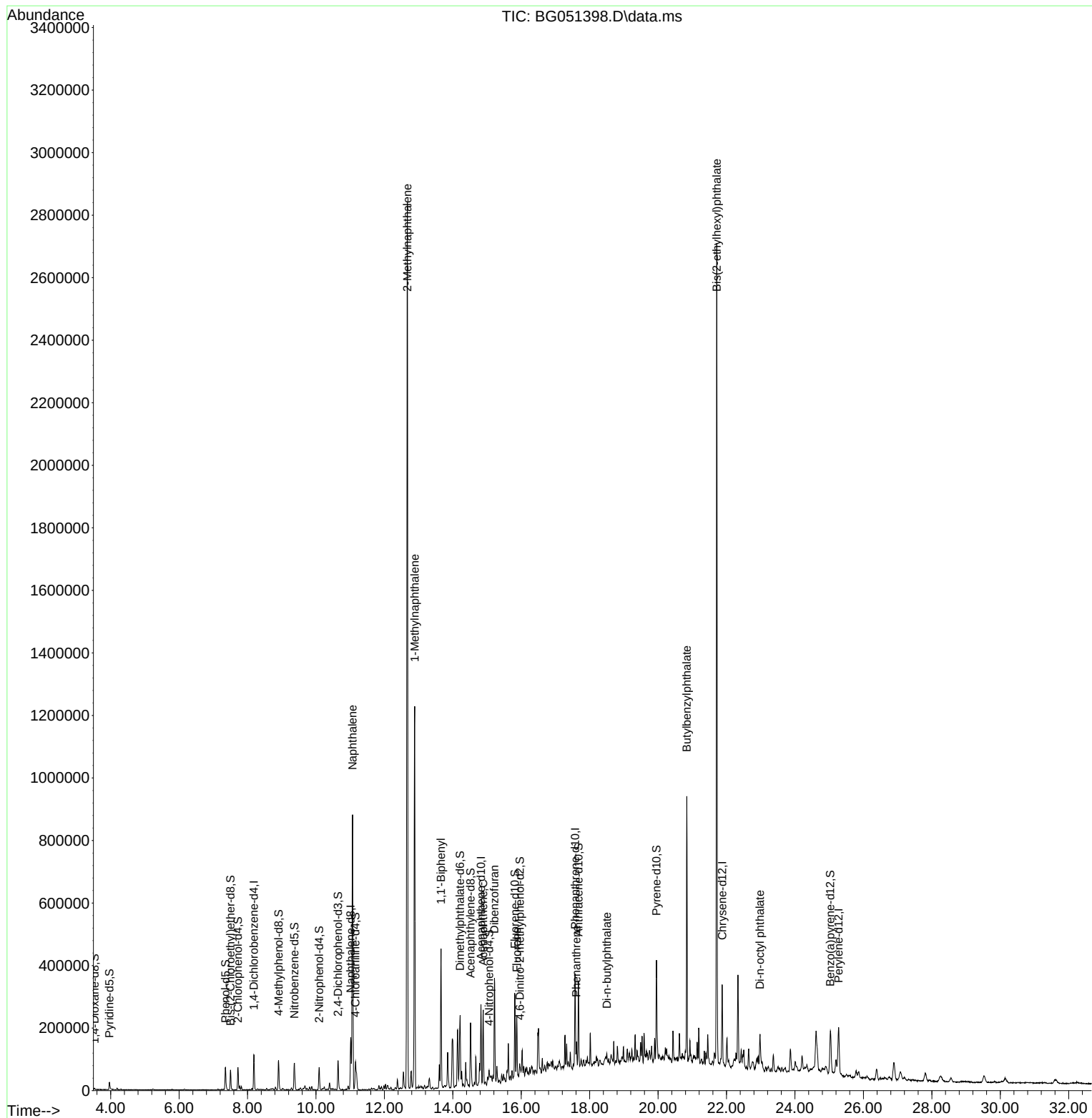
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.183	152	31833	20.000	ng/u1	-0.02
20) Naphthalene-d8	11.015	136	144783	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.823	164	90216	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.572	188	176302	20.000	ng/u1	0.00
79) Chrysene-d12	21.873	240	154606	20.000	ng/u1	0.00
88) Perylene-d12	25.275	264	157877	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	2193	2.394	ng/uL	-0.01
4) Pyridine-d5	3.965	84	16378	6.093	ng/u1	-0.01
7) Phenol-d5	7.355	99	45574	14.486	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.502	67	32522	16.459	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.719	132	34161	15.078	ng/u1	-0.01
15) 4-Methylphenol-d8	8.906	113	39937	15.730	ng/u1	0.00
21) Nitrobenzene-d5	9.370	128	20311	16.619	ng/u1	0.00
24) 2-Nitrophenol-d4	10.093	143	22653	16.431	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	34928	14.932	ng/u1	0.00
31) 4-Chloroaniline-d4	11.156	131	49084	14.341	ng/u1	0.00
46) Dimethylphthalate-d6	14.212	166	122106	17.590	ng/u1	-0.01
49) Acenaphthylene-d8	14.517	160	148582	16.975	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.058	143	14166	12.608	ng/u1	0.00
60) Fluorene-d10	15.810	176	107224	17.153	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.957	200	8259	7.592	ng/u1	0.00
73) Anthracene-d10	17.672	188	163309	19.368	ng/u1	0.00
81) Pyrene-d10	19.952	212	168073	17.966	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.034	264	144699	17.161	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.068	128	719960	91.389	ng/u1	98
36) 2-Methylnaphthalene	12.672	142	1380804	257.686	ng/u1	99
37) 1-Methylnaphthalene	12.884	142	554719	100.622	ng/u1	97
43) 1,1'-Biphenyl	13.653	154	223511	33.171	ng/u1	99
52) Acenaphthene	14.887	153	95975	16.828	ng/u1	97
56) Dibenzofuran	15.216	168	202027	24.558	ng/u1	97
61) Fluorene	15.869	166	87223	13.237	ng/u1	98
72) Phenanthrene	17.614	178	45851	4.710	ng/u1	100
78) Di-n-butylphthalate	18.501	149	12952	1.184	ng/u1	97
83) Butylbenzylphthalate	20.839	149	250049	53.514	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.715	149	1046384	155.624	ng/u1#	96
89) Di-n-octyl phthalate	22.978	149	132873	11.617	ng/u1	100

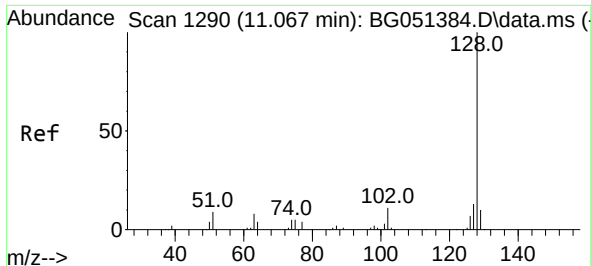
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
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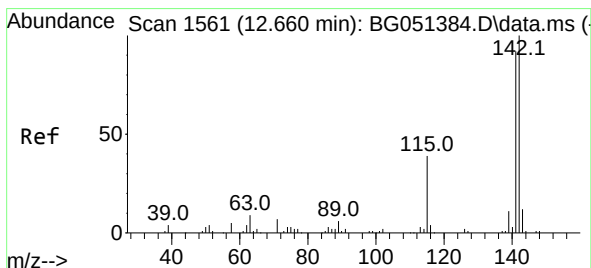
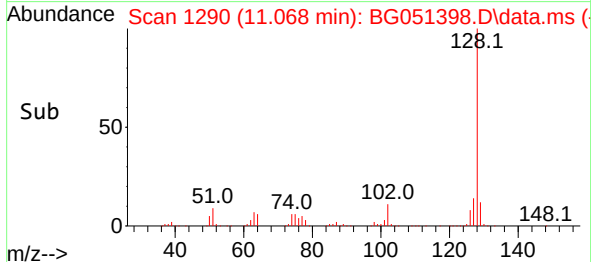
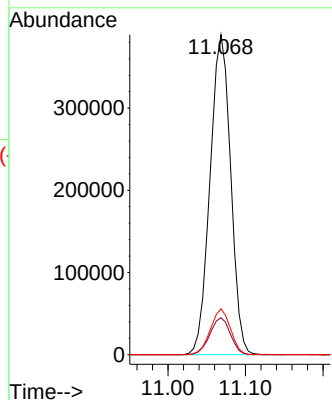
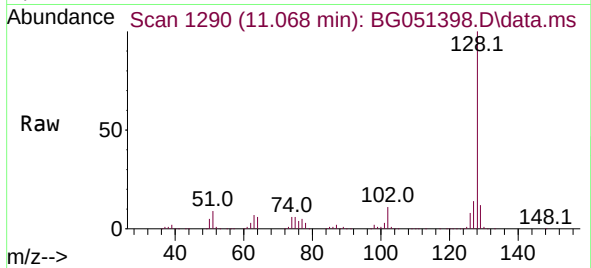




#30
Naphthalene
Concen: 91.389 ng/ul
RT: 11.068 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG051398.D
Acq: 8 Dec 2021 1:28

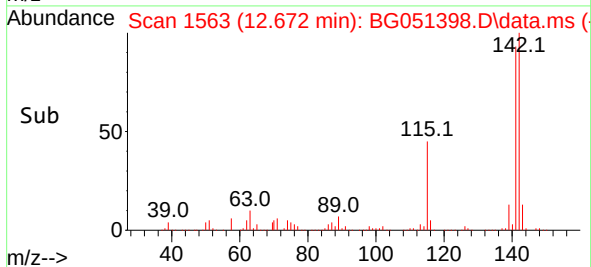
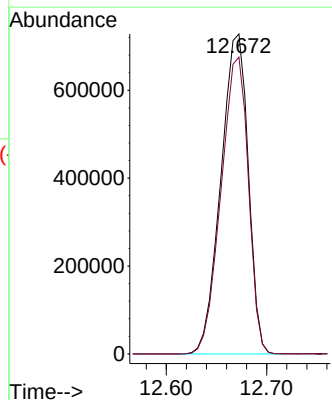
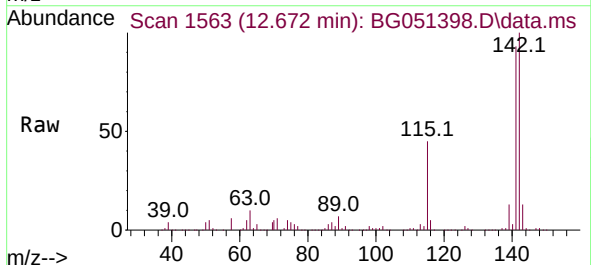
Instrument :
BNA_G
ClientSampleId :
BGKP9ME

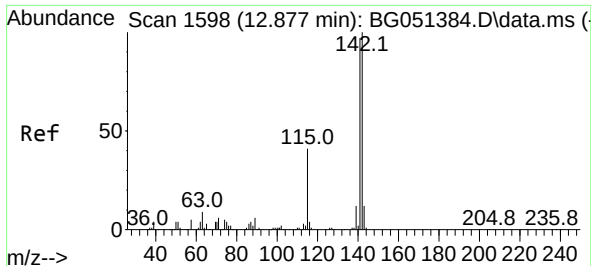
Tgt Ion:128 Resp: 719960
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 14.4 11.8 17.6



#36
2-Methylnaphthalene
Concen: 257.686 ng/ul
RT: 12.672 min Scan# 1563
Delta R.T. 0.004 min
Lab File: BG051398.D
Acq: 8 Dec 2021 1:28

Tgt Ion:142 Resp: 1380804
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9





#37

1-Methylnaphthalene

Concen: 100.622 ng/ul

RT: 12.884 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG051398.D

Acq: 8 Dec 2021 1:28

Instrument :

BNA_G

ClientSampleId :

BGKP9ME

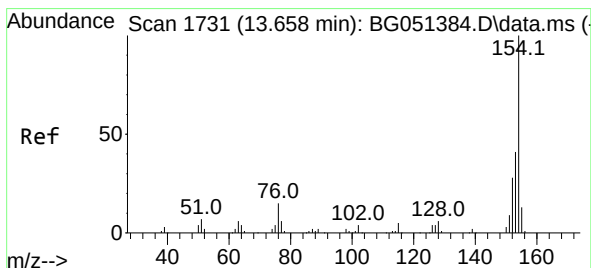
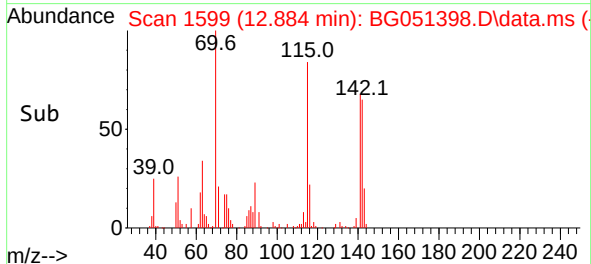
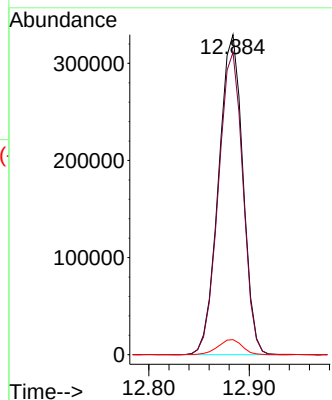
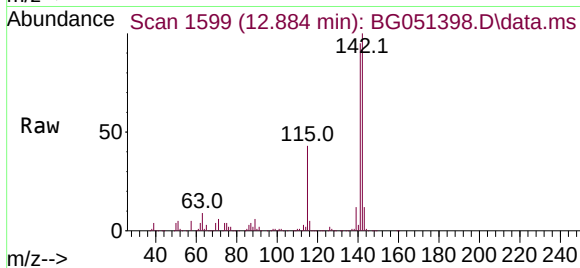
Tgt Ion:142 Resp: 554719

Ion Ratio Lower Upper

142 100

141 94.5 77.8 116.8

116 4.7 3.3 4.9



#43

1,1'-Biphenyl

Concen: 33.171 ng/ul

RT: 13.653 min Scan# 1730

Delta R.T. -0.014 min

Lab File: BG051398.D

Acq: 8 Dec 2021 1:28

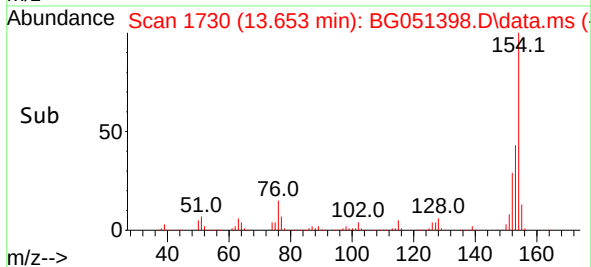
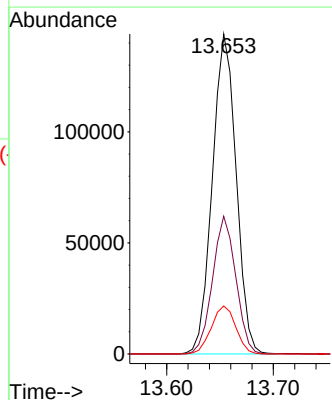
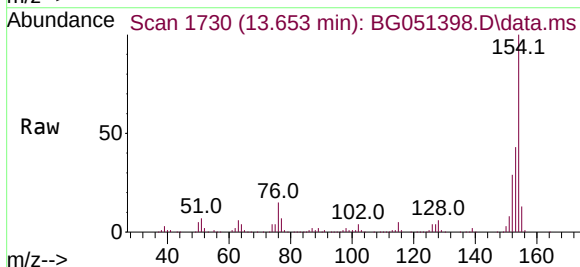
Tgt Ion:154 Resp: 223511

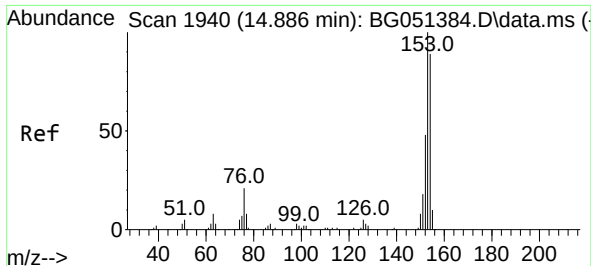
Ion Ratio Lower Upper

154 100

153 43.0 34.5 51.7

76 15.0 13.1 19.7

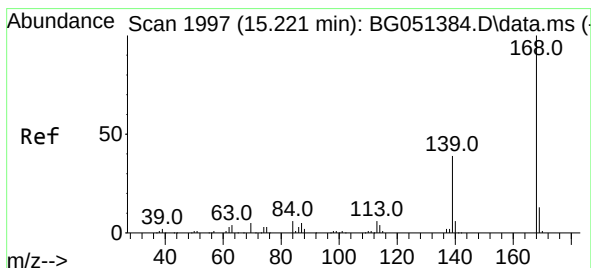
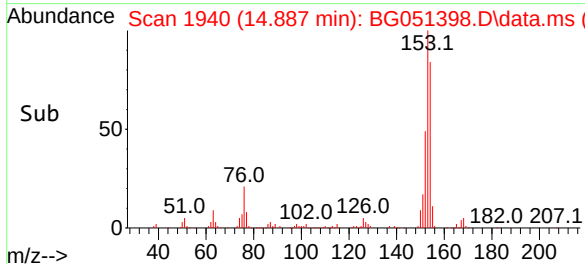
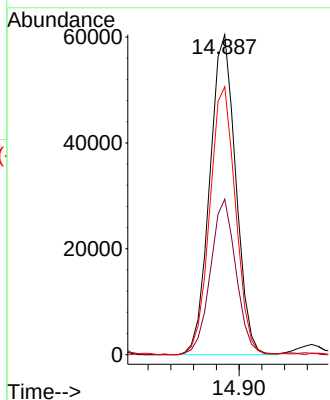
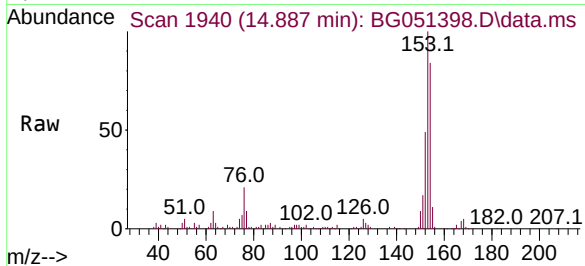




#52
Acenaphthene
Concen: 16.828 ng/ul
RT: 14.887 min Scan# 1940
Delta R.T. -0.008 min
Lab File: BG051398.D
Acq: 8 Dec 2021 1:28

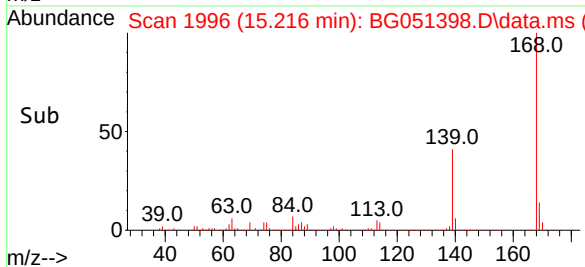
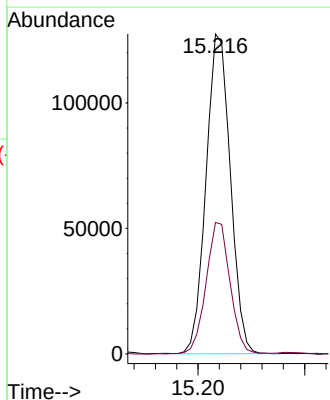
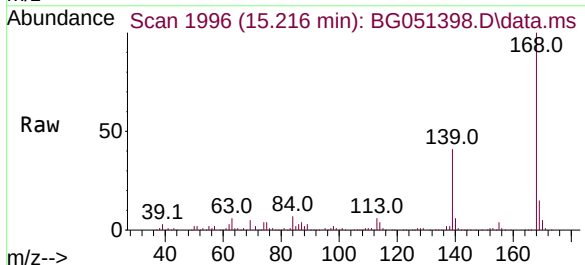
Instrument :
BNA_G
ClientSampleId :
BGKP9ME

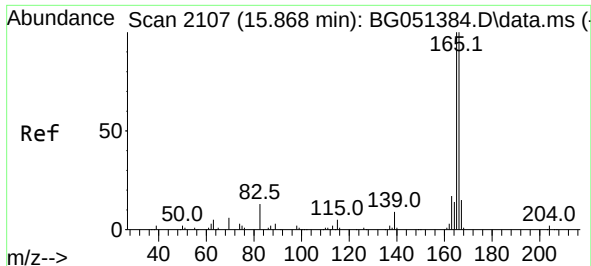
Tgt Ion:153	Resp:	95975
Ion Ratio	Lower	Upper
153	100	
152	48.6	36.5 54.7
154	83.8	65.8 98.6



#56
Dibenzofuran
Concen: 24.558 ng/ul
RT: 15.216 min Scan# 1996
Delta R.T. -0.014 min
Lab File: BG051398.D
Acq: 8 Dec 2021 1:28

Tgt Ion:168	Resp:	202027
Ion Ratio	Lower	Upper
168	100	
139	41.1	31.2 46.8

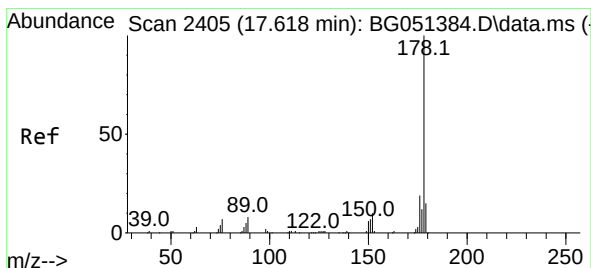
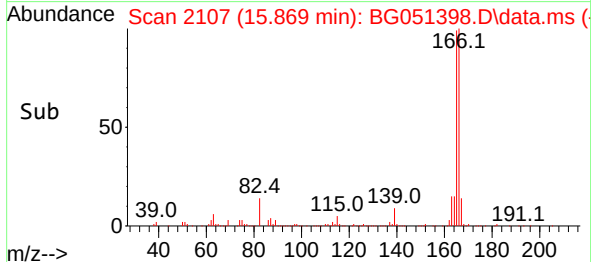
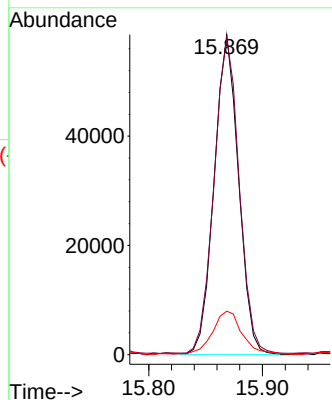
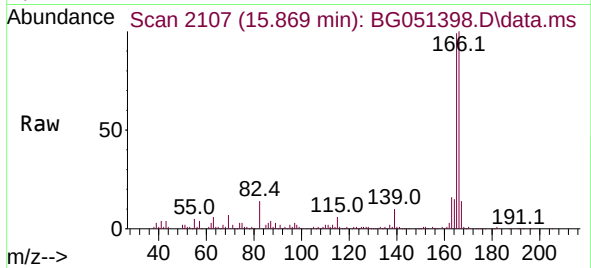




#61
Fluorene
Concen: 13.237 ng/ul
RT: 15.869 min Scan# 2107
Delta R.T. -0.008 min
Lab File: BG051398.D
Acq: 8 Dec 2021 1:28

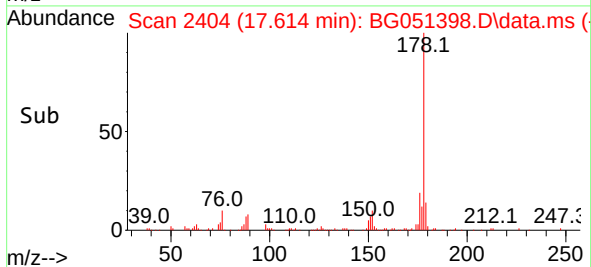
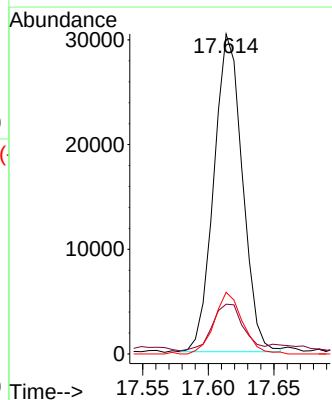
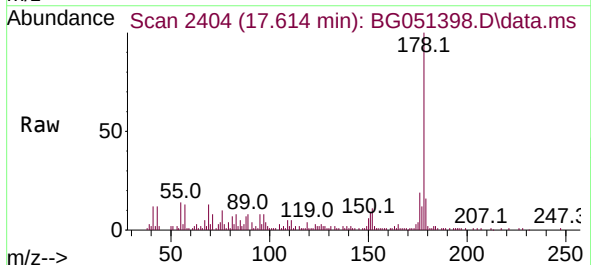
Instrument :
BNA_G
ClientSampleId :
BGKP9ME

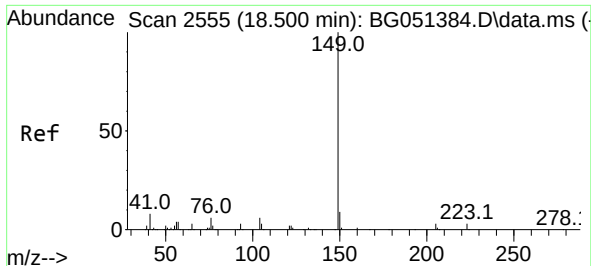
Tgt Ion:166 Resp: 87223
Ion Ratio Lower Upper
166 100
165 99.0 81.0 121.6
167 13.6 11.0 16.4



#72
Phenanthrene
Concen: 4.710 ng/ul
RT: 17.614 min Scan# 2404
Delta R.T. -0.008 min
Lab File: BG051398.D
Acq: 8 Dec 2021 1:28

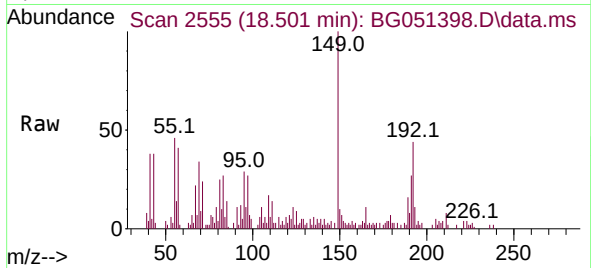
Tgt Ion:178 Resp: 45851
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.3 15.5 23.3



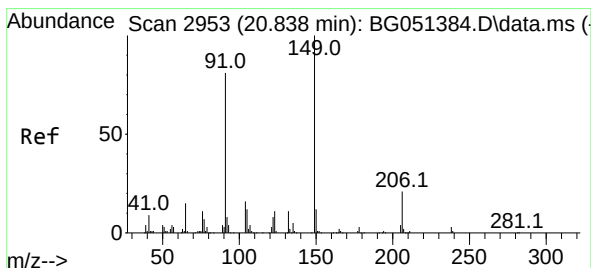
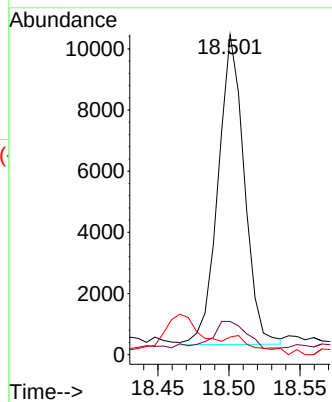
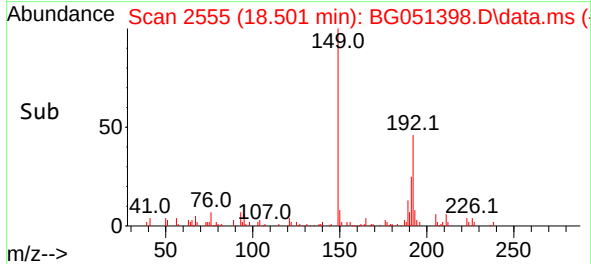


#78
Di-n-butylphthalate
Concen: 1.184 ng/ul
RT: 18.501 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG051398.D
Acq: 8 Dec 2021 1:28

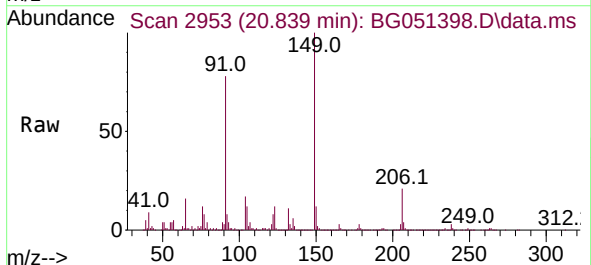
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BNA_G
ClientSampleId :
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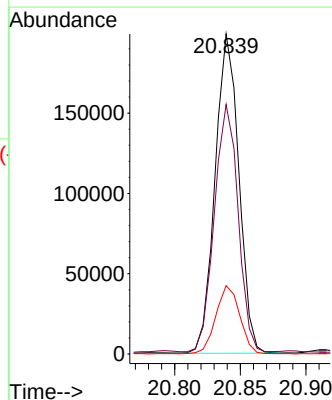
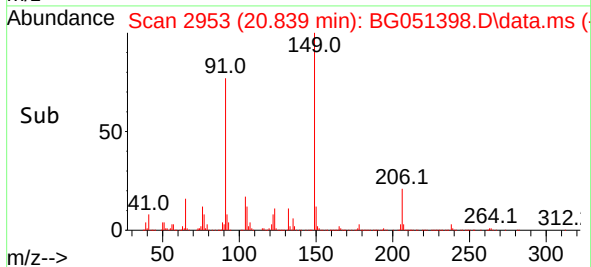
Tgt Ion:149 Resp: 12952
Ion Ratio Lower Upper
149 100
150 10.4 7.5 11.3
104 5.5 5.0 7.6

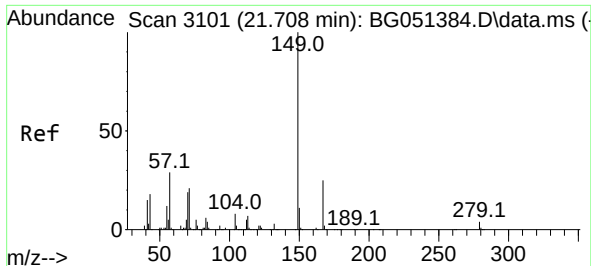


#83
Butylbenzylphthalate
Concen: 53.514 ng/ul
RT: 20.839 min Scan# 2953
Delta R.T. -0.008 min
Lab File: BG051398.D
Acq: 8 Dec 2021 1:28



Tgt Ion:149 Resp: 250049
Ion Ratio Lower Upper
149 100
91 78.0 65.2 97.8
206 21.4 16.2 24.2

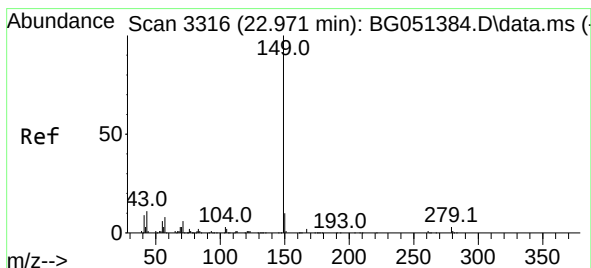
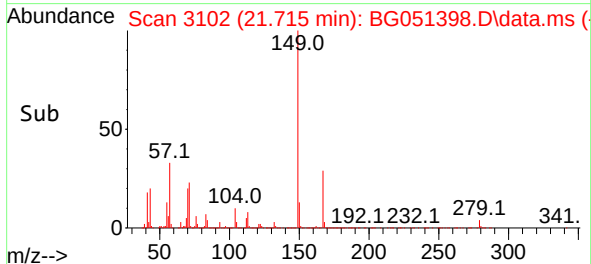
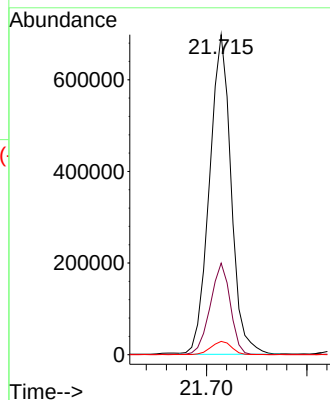
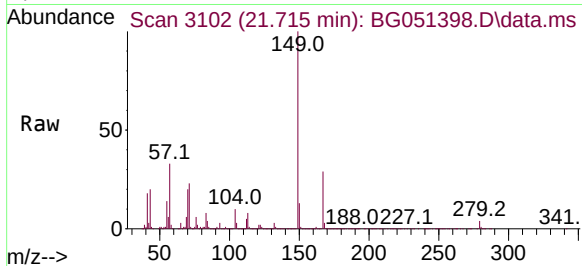




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 155.624 ng/ul
 RT: 21.715 min Scan# 3101
 Delta R.T. -0.008 min
 Lab File: BG051398.D
 Acq: 8 Dec 2021 1:28

Instrument :
 BNA_G
 ClientSampleId :
 BGKP9ME

Tgt Ion:149 Resp: 1046384
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.1 31.7
 279 4.1 2.7 4.1#



#89
 Di-n-octyl phthalate
 Concen: 11.617 ng/ul
 RT: 22.978 min Scan# 3317
 Delta R.T. -0.008 min
 Lab File: BG051398.D
 Acq: 8 Dec 2021 1:28

Tgt Ion:149 Resp: 132873

