

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
 Data File : BG051262.D
 Acq On : 26 Nov 2021 18:01
 Operator : CG/JU
 Sample : M4725-10DL2 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F4L19DL2

Quant Time: Nov 26 21:43:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	37559	20.000	ng/u1	0.00
20) Naphthalene-d8	11.028	136	167561	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.835	164	107700	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.585	188	209079	20.000	ng/u1	0.00
79) Chrysene-d12	21.886	240	177156	20.000	ng/u1	0.00
88) Perylene-d12	25.300	264	178341	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...	7.515	67	3127	1.341	ng/u1	0.00
11) 2-Chlorophenol-d4	7.744	132	2966	1.110	ng/u1	0.01
15) 4-Methylphenol-d8	8.931	113	2060	0.688	ng/u1	0.02
21) Nitrobenzene-d5	9.389	128	1891	1.337	ng/u1	0.01
24) 2-Nitrophenol-d4	10.117	143	1982m	1.242	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.664	165	3838	1.418	ng/u1	0.01
31) 4-Chloroaniline-d4	11.181	131	4598	1.161	ng/u1	0.02
46) Dimethylphthalate-d6	14.230	166	13230	1.596	ng/u1	0.00
49) Acenaphthylene-d8	14.530	160	16874	1.615	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.823	176	12196	1.634	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.685	188	18848m	1.885	ng/u1	0.00
81) Pyrene-d10	19.965	212	19074	1.779	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.059	264	16322	1.714	ng/u1	0.02
Target Compounds						
					Qvalue	
13) 2-Methylphenol	8.654	108	4401	1.536	ng/u1	98
26) 2,4-Dimethylphenol	10.194	107	12975m	3.840	ng/u1	
30) Naphthalene	11.081	128	866247	95.011	ng/u1	98
36) 2-Methylnaphthalene	12.673	142	6579	1.061	ng/u1	87
37) 1-Methylnaphthalene	12.891	142	17247	2.703	ng/u1#	99
52) Acenaphthene	14.900	153	76104	11.178	ng/u1	99
56) Dibenzofuran	15.229	168	61637	6.276	ng/u1	96
61) Fluorene	15.881	166	48486	6.164	ng/u1	97
72) Phenanthrene	17.626	178	25488	2.208	ng/u1	99
77) Carbazole	17.991	167	92562	9.198	ng/u1	98
80) Fluoranthene	19.630	202	13714	1.042	ng/u1#	96

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

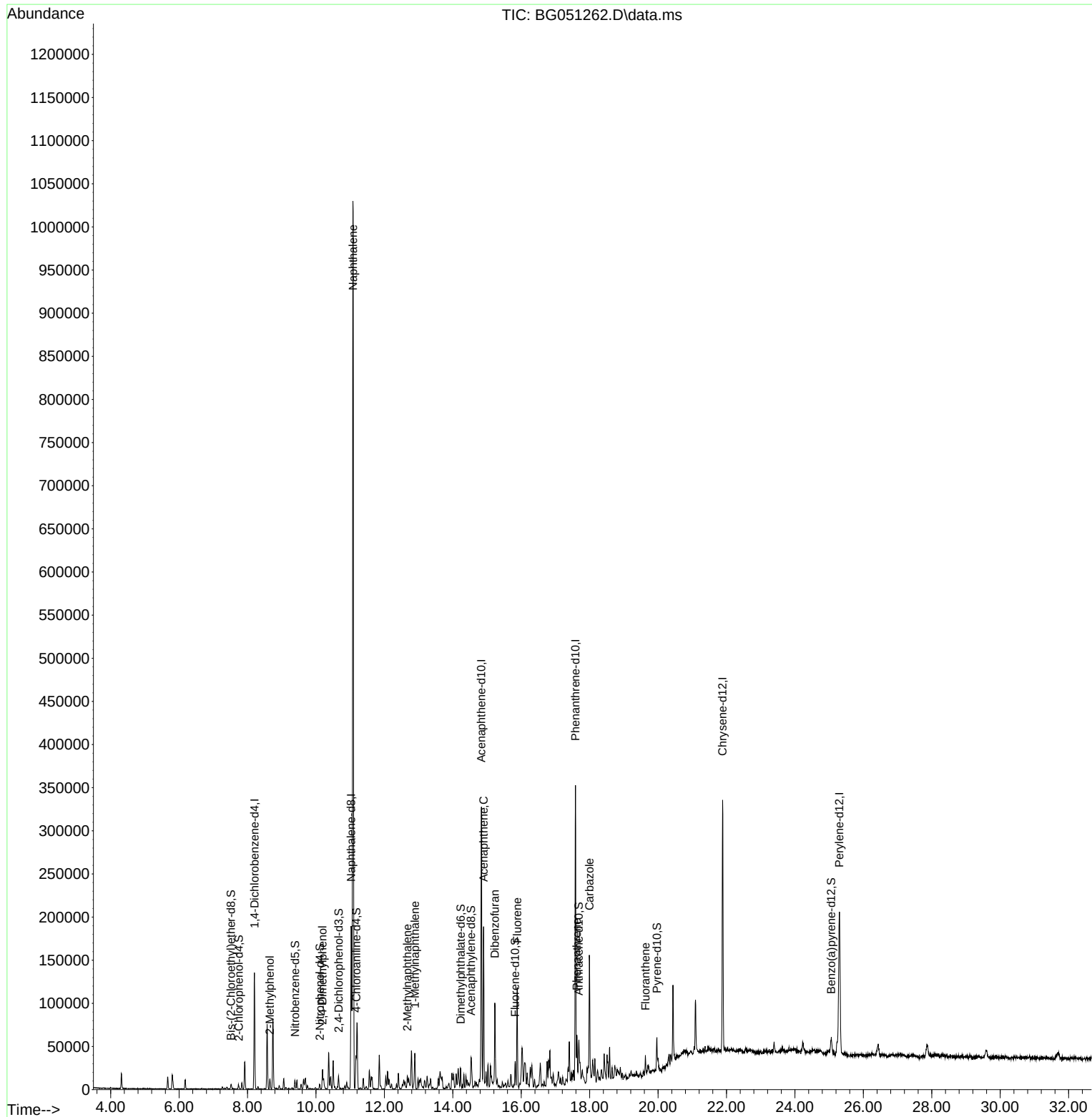
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051262.D
Acq On : 26 Nov 2021 18:01
Operator : CG/JU
Sample : M4725-10DL2 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

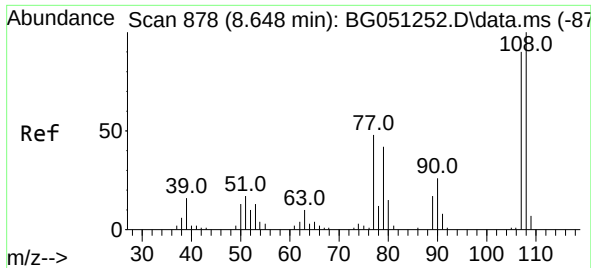
Instrument :
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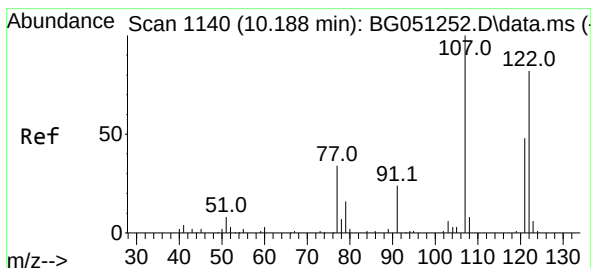
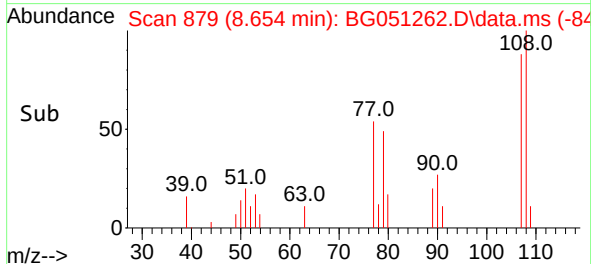
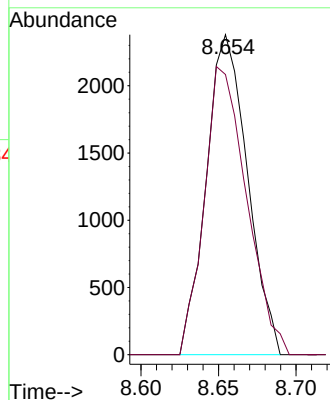
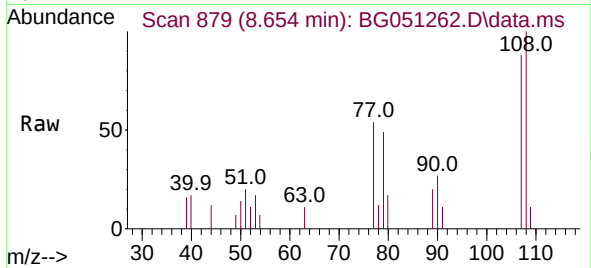
#13
2-Methylphenol
Concen: 1.536 ng/ul
RT: 8.654 min Scan# 81
Delta R.T. 0.011 min
Lab File: BG051262.D
Acq: 26 Nov 2021 18:01

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:108 Resp: 440
Ion Ratio Lower Upper
108 100
107 87.6 71.8 107.6

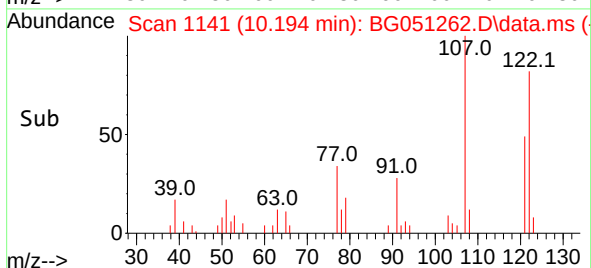
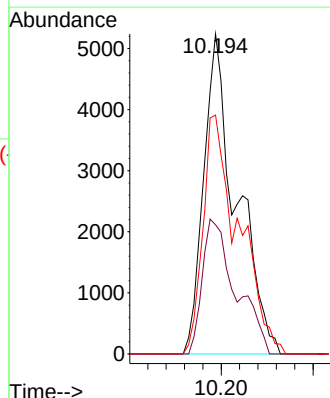
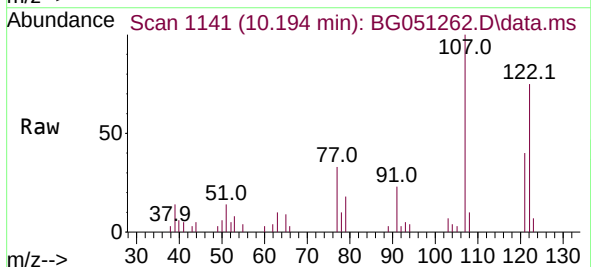
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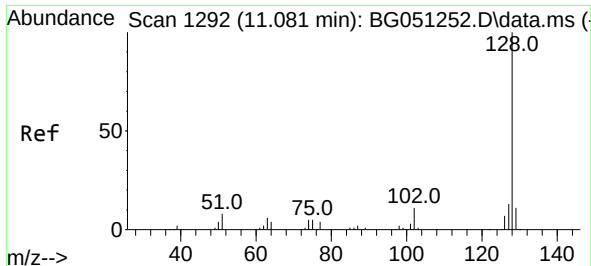
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#26
2,4-Dimethylphenol
Concen: 3.840 ng/ul m
RT: 10.194 min Scan# 1141
Delta R.T. 0.011 min
Lab File: BG051262.D
Acq: 26 Nov 2021 18:01

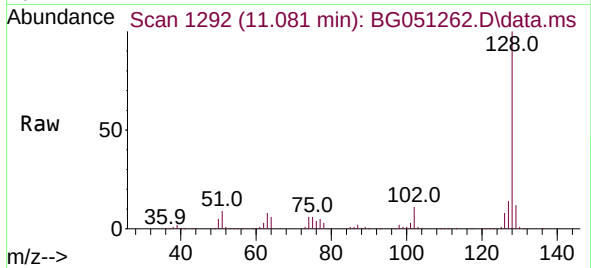
Tgt Ion:107 Resp: 12975
Ion Ratio Lower Upper
107 100
121 40.4 39.3 58.9
122 74.6 63.7 95.5





#30
Naphthalene
Concen: 95.011 ng/ul
RT: 11.081 min Scan# 1292
Delta R.T. 0.005 min
Lab File: BG051262.D
Acq: 26 Nov 2021 18:01

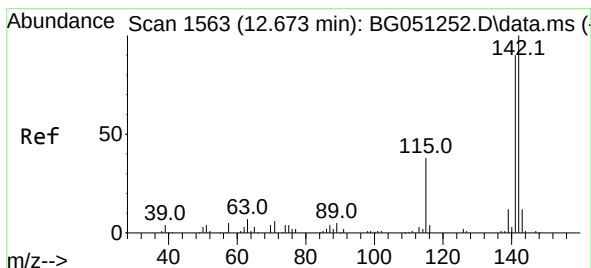
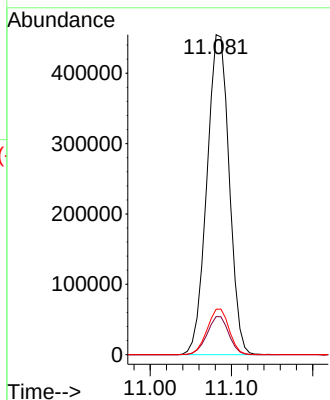
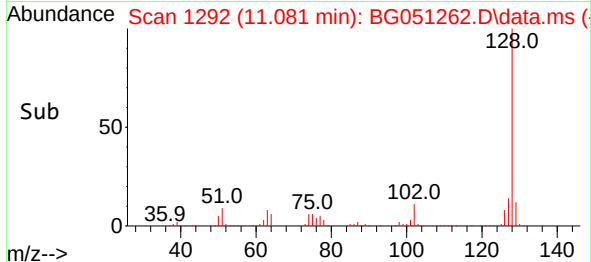
Instrument :
BNA_G
ClientSampleId :
F4L19DL2



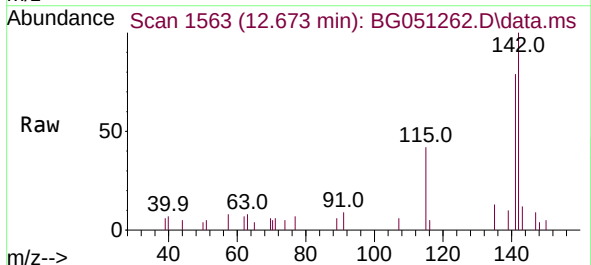
Tgt Ion:128 Resp: 86624
Ion Ratio Lower Upper
128 100
129 11.9 8.5 12.7
127 14.2 11.8 17.6

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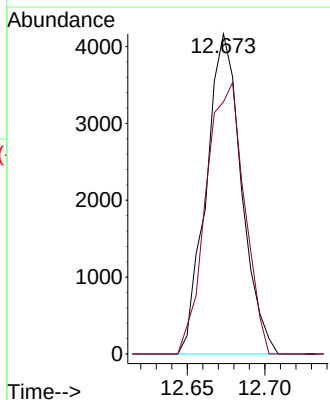
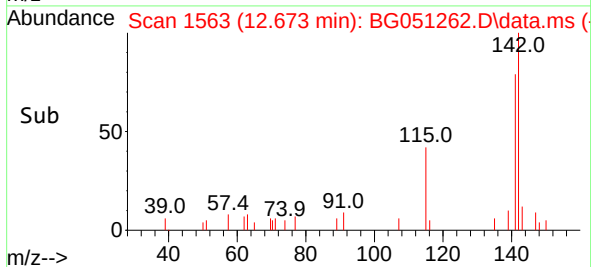
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

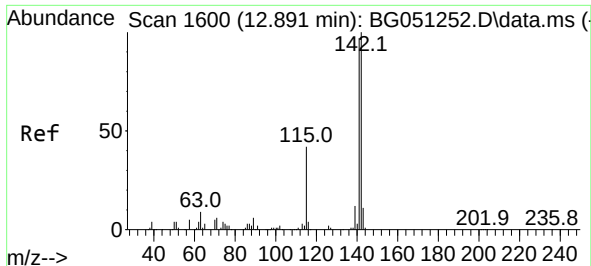


#36
2-Methylnaphthalene
Concen: 1.061 ng/ul
RT: 12.673 min Scan# 1563
Delta R.T. 0.005 min
Lab File: BG051262.D
Acq: 26 Nov 2021 18:01



Tgt Ion:142 Resp: 6579
Ion Ratio Lower Upper
142 100
141 78.8 73.3 109.9





#37

1-Methylnaphthalene

Concen: 2.703 ng/ul

RT: 12.891 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG051262.D

Acq: 26 Nov 2021 18:01

Instrument :

BNA_G

ClientSampleId :

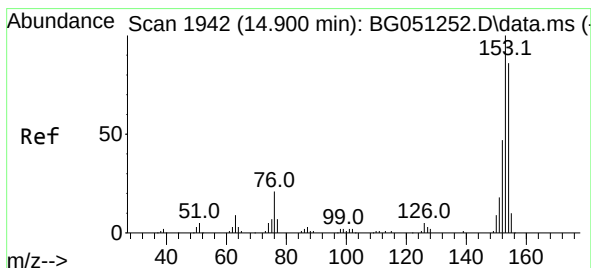
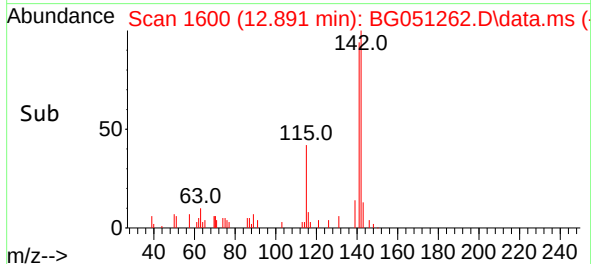
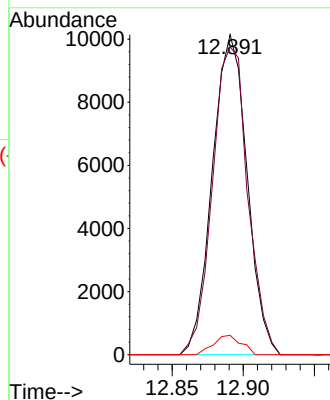
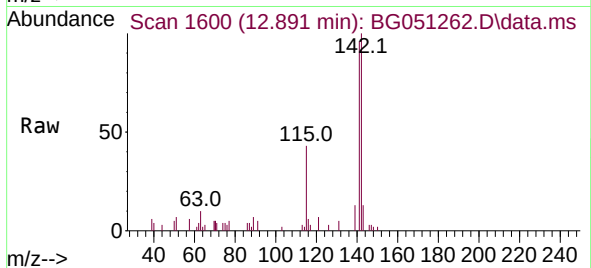
F4L19DL2

Tgt Ion:	142	Resp:	1724
Ion Ratio	Lower	Upper	
142	100		
141	96.2	77.8	116.8
116	6.1	3.3	4.9

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#52

Acenaphthene

Concen: 11.178 ng/ul

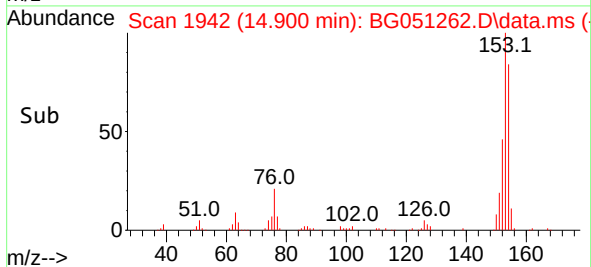
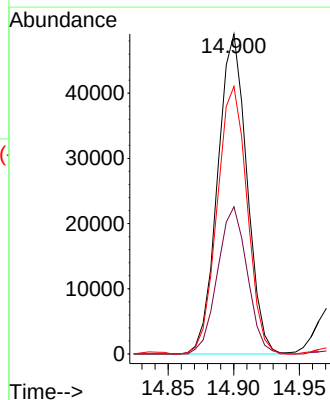
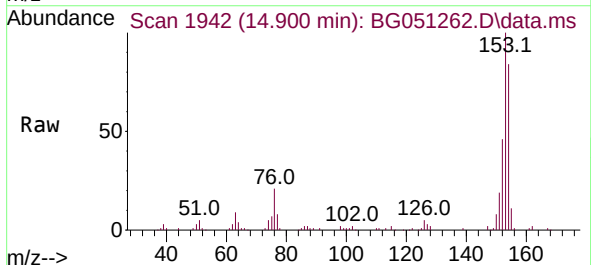
RT: 14.900 min Scan# 1942

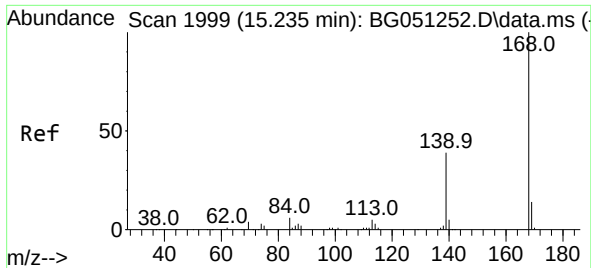
Delta R.T. 0.005 min

Lab File: BG051262.D

Acq: 26 Nov 2021 18:01

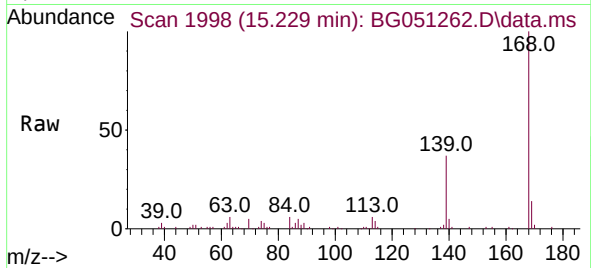
Tgt Ion:	153	Resp:	76104
Ion Ratio	Lower	Upper	
153	100		
152	46.0	36.5	54.7
154	83.6	65.8	98.6





#56
Dibenzenofuran
Concen: 6.276 ng/ul
RT: 15.229 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BG051262.D
Acq: 26 Nov 2021 18:01

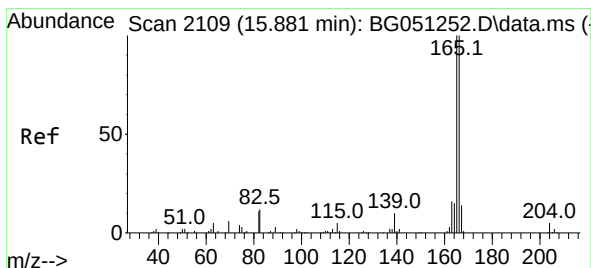
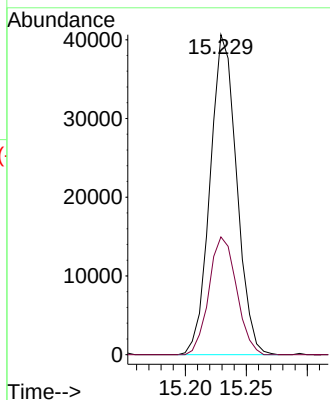
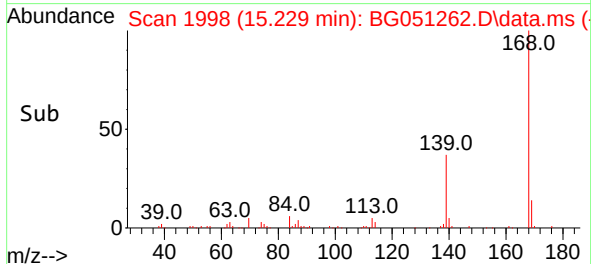
Instrument :
BNA_G
ClientSampleId :
F4L19DL2



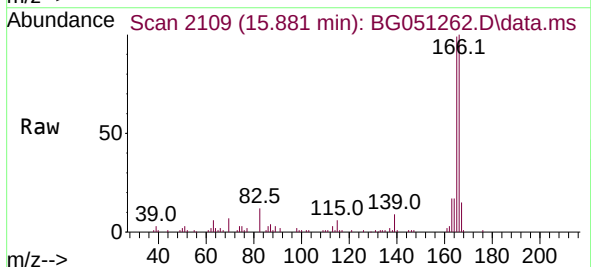
Tgt Ion:168 Resp: 6163
Ion Ratio Lower Upper
168 100
139 36.8 31.2 46.8

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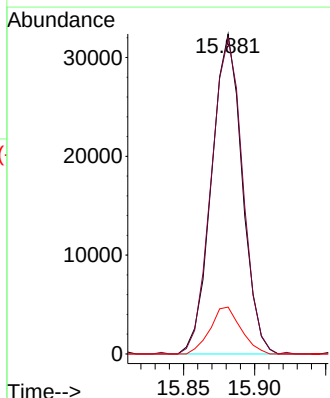
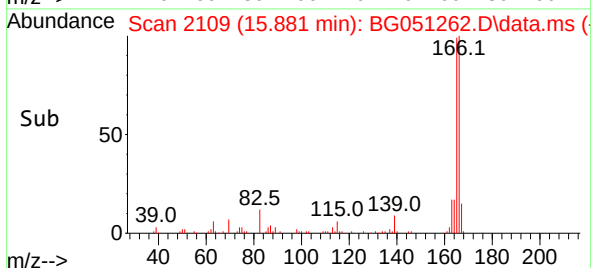
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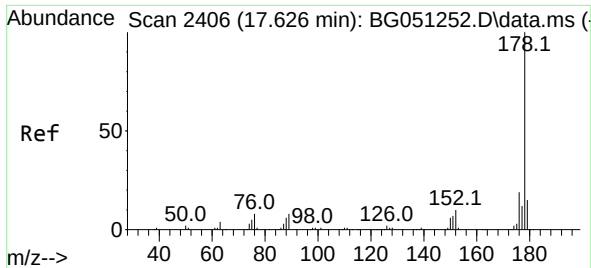


#61
Fluorene
Concen: 6.164 ng/ul
RT: 15.881 min Scan# 2109
Delta R.T. 0.005 min
Lab File: BG051262.D
Acq: 26 Nov 2021 18:01



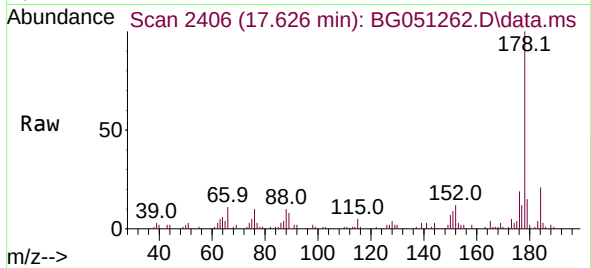
Tgt Ion:166 Resp: 48486
Ion Ratio Lower Upper
166 100
165 98.7 81.0 121.6
167 14.7 11.0 16.4





#72
Phenanthrene
Concen: 2.208 ng/u1
RT: 17.626 min Scan# 2406
Delta R.T. 0.005 min
Lab File: BG051262.D
Acq: 26 Nov 2021 18:01

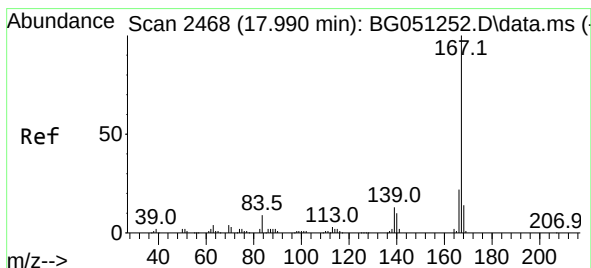
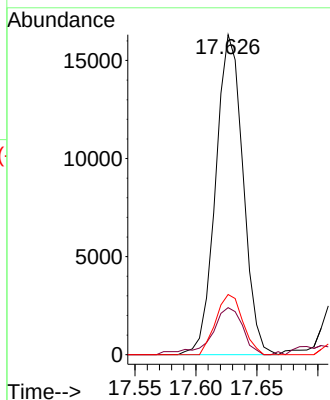
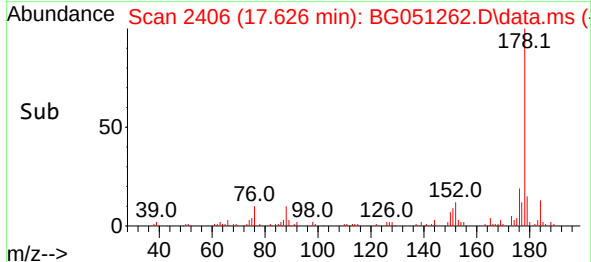
Instrument :
BNA_G
ClientSampleId :
F4L19DL2



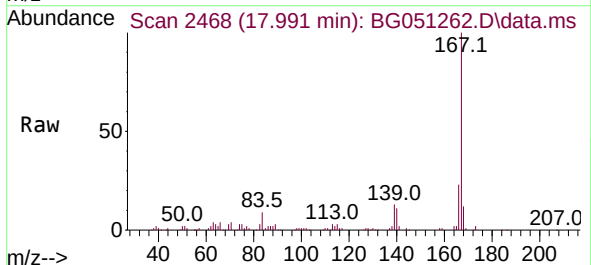
Tgt Ion:178 Resp: 25488
Ion Ratio Lower Upper
178 100
179 14.7 12.3 18.5
176 18.8 15.5 23.3

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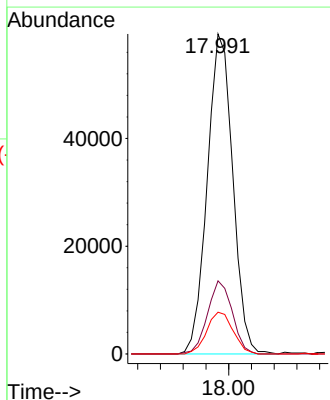
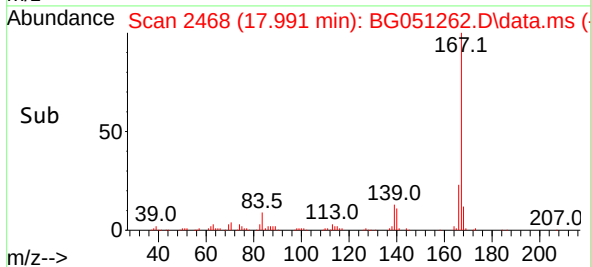
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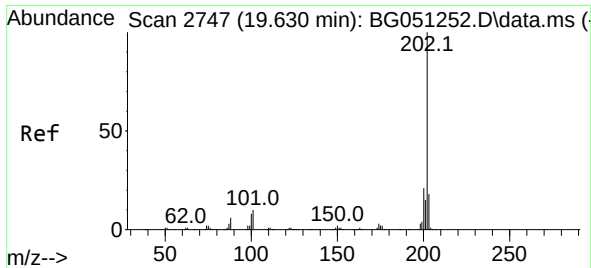


#77
Carbazole
Concen: 9.198 ng/u1
RT: 17.991 min Scan# 2468
Delta R.T. 0.005 min
Lab File: BG051262.D
Acq: 26 Nov 2021 18:01



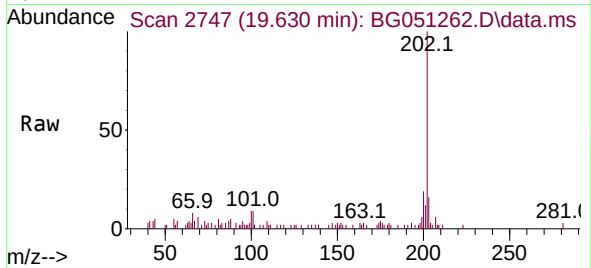
Tgt Ion:167 Resp: 92562
Ion Ratio Lower Upper
167 100
166 22.9 17.3 25.9
139 13.1 10.6 16.0





#80
 Fluoranthene
 Concen: 1.042 ng/ul
 RT: 19.630 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG051262.D
 Acq: 26 Nov 2021 18:01

Instrument :
 BNA_G
 ClientSampleId :
 F4L19DL2



Tgt Ion: 202 Resp: 13714

Ion	Ratio	Lower	Upper
202	100		
101	9.2	9.3	13.9
100	8.7	7.0	10.6

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