

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
 Data File : BG051943.D
 Acq On : 12 Jan 2022 13:26
 Operator : CG/JU
 Sample : N1100-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLN1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2022
 Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 12 23:52:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.245	152	20788	20.000	ng/ul	0.00
20) Naphthalene-d8	11.095	136	87608	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.889	164	66893	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.639	188	151985	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.962	240	144172	20.000	ng/ul	# 0.00
88) Perylene-d12	25.452	264	155917	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.575	96	2067	3.553	ng/uL	0.00
4) Pyridine-d5	4.004	84	27629	15.278	ng/ul	0.00
7) Phenol-d5	7.388	99	44217	21.733	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.552	67	41047	31.781	ng/ul	0.00
11) 2-Chlorophenol-d4	7.770	132	30287	22.484	ng/ul	0.00
15) 4-Methylphenol-d8	8.945	113	70299m	44.448	ng/ul	0.00
21) Nitrobenzene-d5	9.420	128	15313	22.120	ng/ul	0.00
24) 2-Nitrophenol-d4	10.155	143	17773	23.214	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.701	165	34175	22.837	ng/ul	0.00
31) 4-Chloroaniline-d4	11.206	131	67870	32.566	ng/ul	0.00
46) Dimethylphthalate-d6	14.279	166	123101	22.264	ng/ul	0.00
49) Acenaphthylene-d8	14.584	160	161960	24.249	ng/ul	0.00
54) 4-Nitrophenol-d4	15.066	143	20006	21.641	ng/ul	0.00
60) Fluorene-d10	15.882	176	122072	25.322	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	15883	16.566	ng/ul	0.00
73) Anthracene-d10	17.739	188	203459	28.220	ng/ul	0.00
81) Pyrene-d10	20.018	212	225617	27.191	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.205	264	218322	26.598	ng/ul	0.01
Target Compounds						Qvalue
8) Phenol	7.411	94	55572	26.760	ng/ul#	85
26) 2,4-Dimethylphenol	10.302	107	23174m	12.693	ng/ul	
30) Naphthalene	11.147	128	1603904	337.854	ng/ul	98
36) 2-Methylnaphthalene	12.745	142	1401590	414.477	ng/ul	99
37) 1-Methylnaphthalene	12.957	142	528172	152.190	ng/ul	97
43) 1,1'-Biphenyl	13.726	154	144433	27.969	ng/ul	93
52) Acenaphthene	14.954	153	36662	8.384	ng/ul	96
56) Dibenzofuran	15.283	168	33984	5.351	ng/ul	98
61) Fluorene	15.935	166	17533	3.313	ng/ul#	86
72) Phenanthrene	17.680	178	39735	4.989	ng/ul	94
80) Fluoranthene	19.683	202	12246	1.277	ng/ul#	1
82) Pyrene	20.047	202	13829	1.465	ng/ul#	94
83) Butylbenzylphthalate	20.922	149	29383	8.943	ng/ul	89
86) Bis(2-ethylhexyl)phtha...	21.821	149	246083	51.215	ng/ul#	99

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

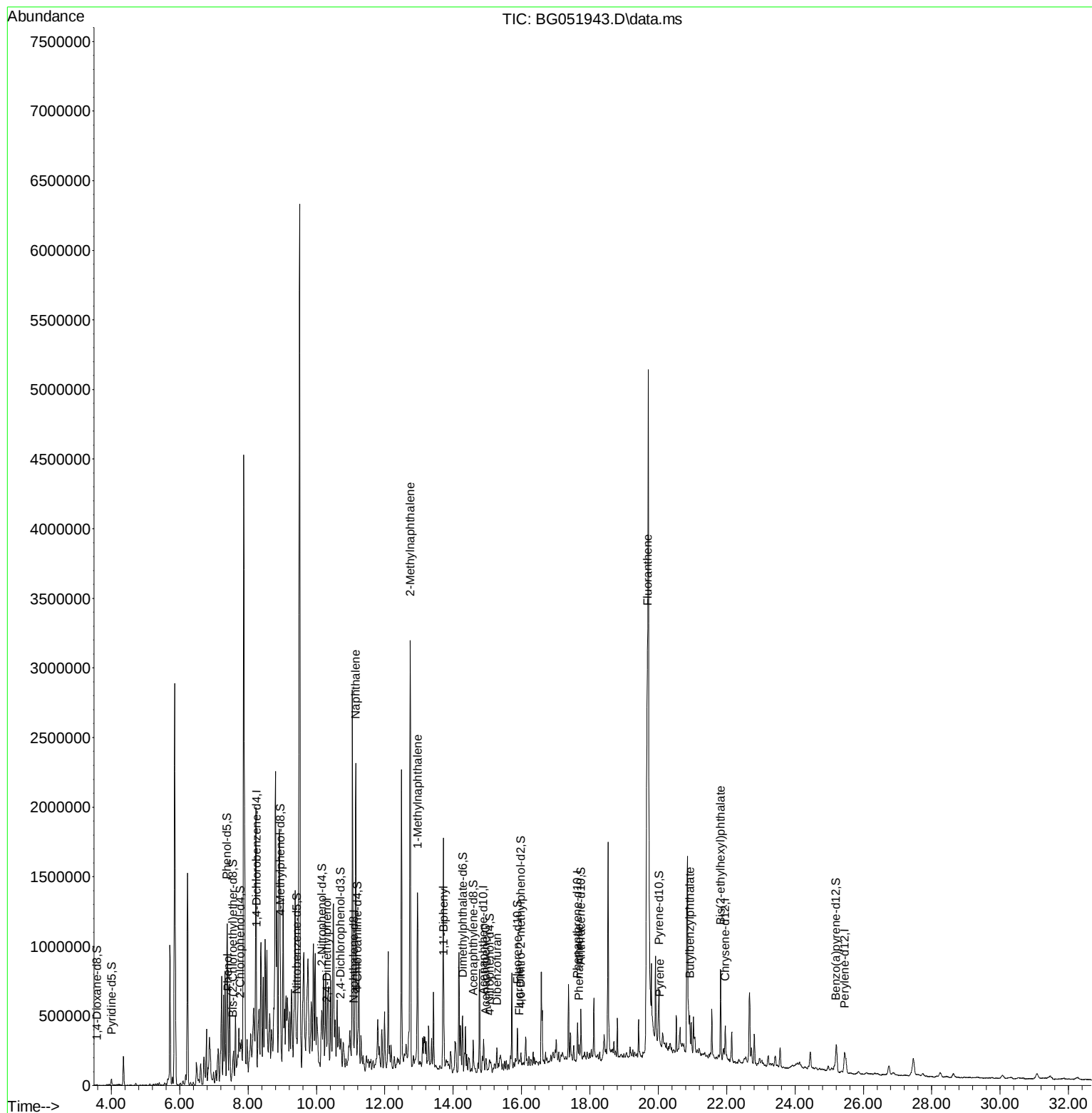
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
 Data File : BG051943.D
 Acq On : 12 Jan 2022 13:26
 Operator : CG/JU
 Sample : N1100-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

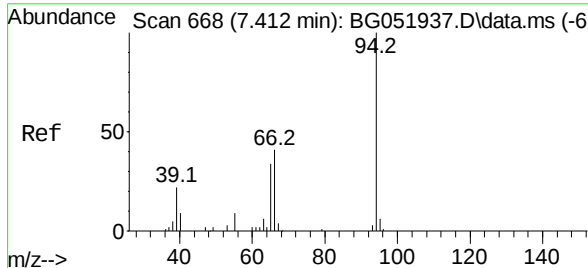
Instrument :
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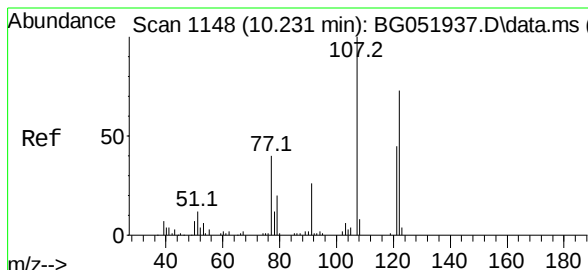
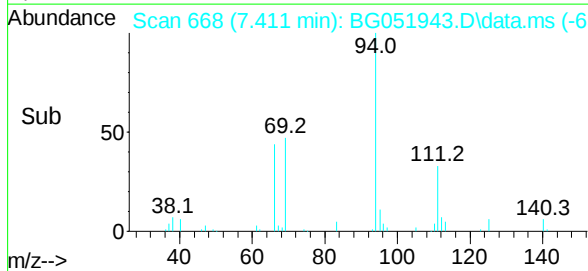
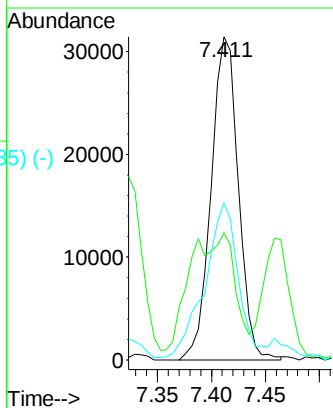
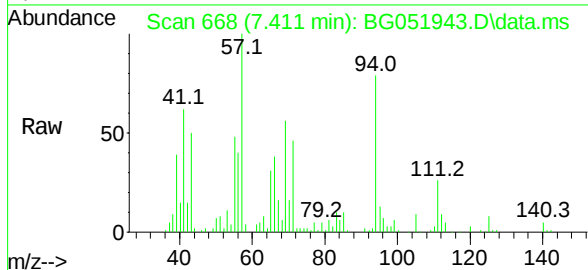
Phenol
Concen: 26.760 ng/ul
RT: 7.411 min Scan# 1157
Delta R.T. -0.007 min
Lab File: BG051943.D
Acq: 12 Jan 2022 13:26

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	94	Resp:	555
Ion	Ratio	Lower	Upper
94	100		
65	39.4	25.1	37.7
66	48.7	31.6	47.4

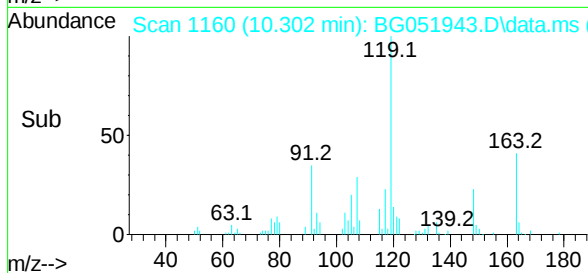
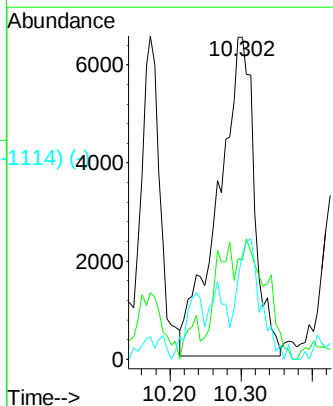
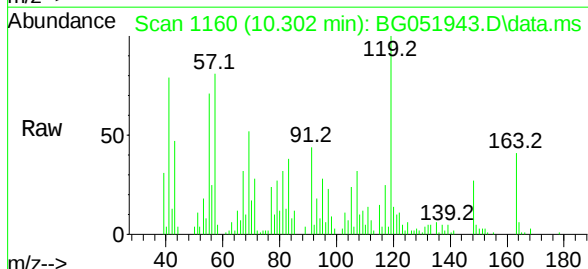
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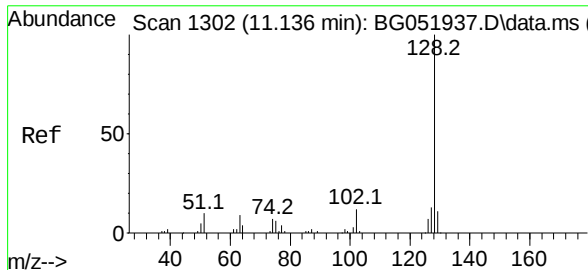
Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022



2,4-Dimethylphenol
Concen: 12.693 ng/ul m
RT: 10.302 min Scan# 1160
Delta R.T. 0.069 min
Lab File: BG051943.D
Acq: 12 Jan 2022 13:26

Tgt Ion:	107	Resp:	23174
Ion	Ratio	Lower	Upper
107	100		
121	30.7	39.3	58.9#
122	33.2	63.7	95.5#





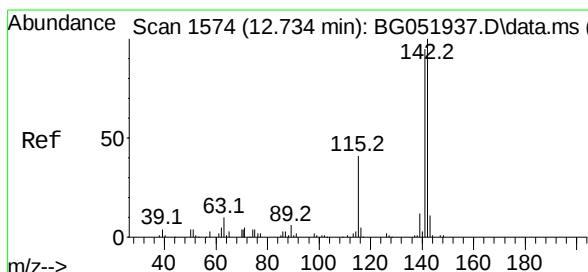
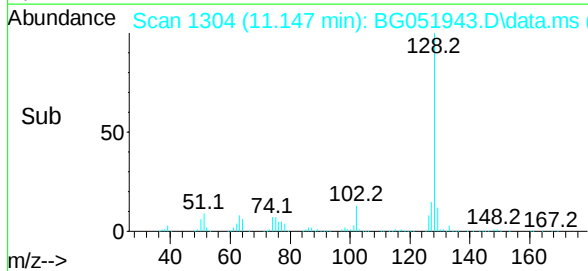
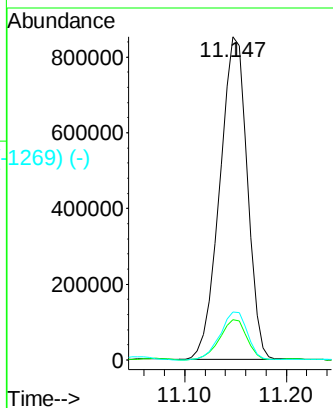
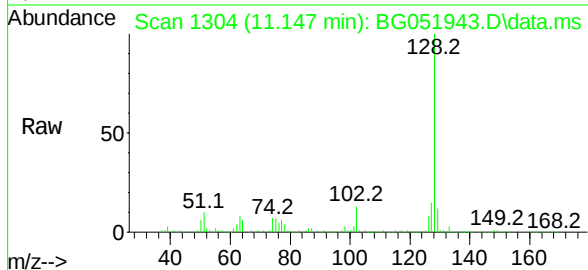
Naphthalene
Concen: 337.854 ng/ul
RT: 11.147 min Scan# 1296
Delta R.T. 0.004 min
Lab File: BG051943.D
Acq: 12 Jan 2022 13:26

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Tgt Ion:128 Resp: 160390
Ion Ratio Lower Upper
128 100
129 12.4 8.5 12.7
127 14.8 11.8 17.6

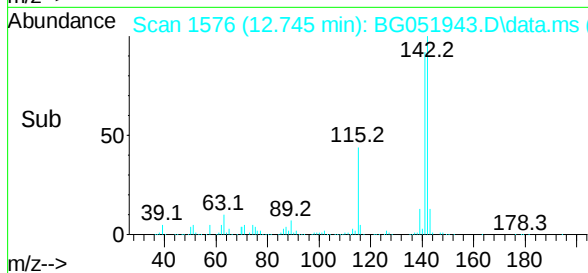
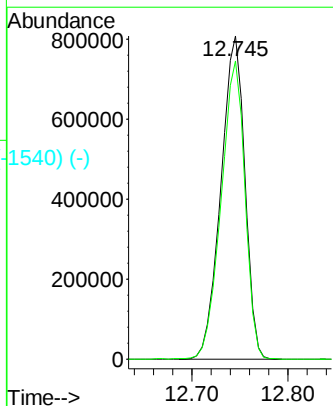
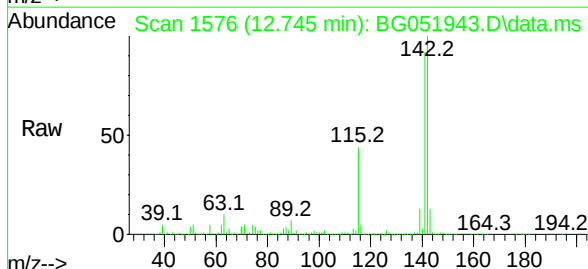
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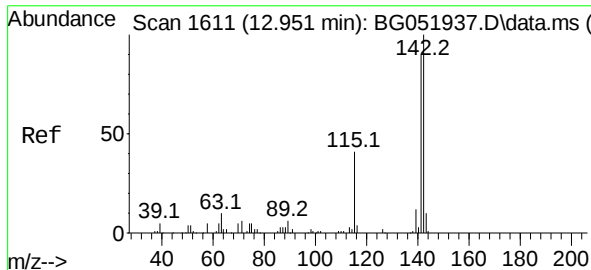
Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022



2-Methylnaphthalene
Concen: 414.477 ng/ul
RT: 12.745 min Scan# 1576
Delta R.T. 0.010 min
Lab File: BG051943.D
Acq: 12 Jan 2022 13:26

Tgt Ion:142 Resp: 1401590
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9





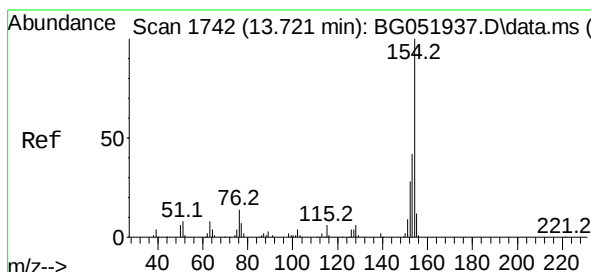
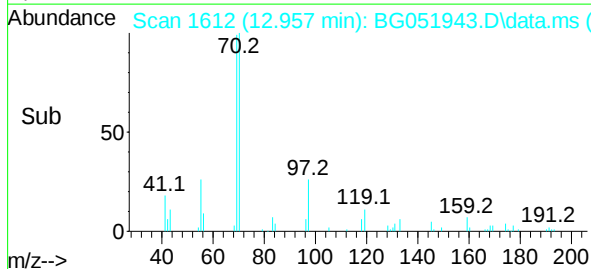
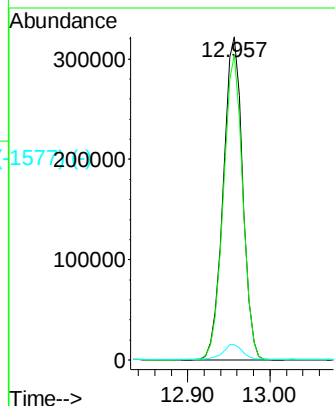
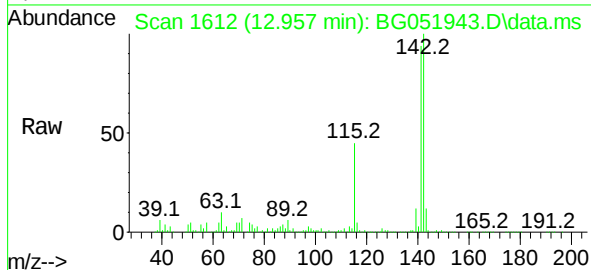
1-Methylnaphthalene
 Concen: 152.190 ng/u1
 RT: 12.957 min Scan# 1611
 Delta R.T. 0.004 min
 Lab File: BG051943.D
 Acq: 12 Jan 2022 13:26

Instrument :
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Tgt Ion:142 Resp: 52817
 Ion Ratio Lower Upper
 142 100
 141 94.5 77.8 116.8
 116 4.8 3.3 4.9

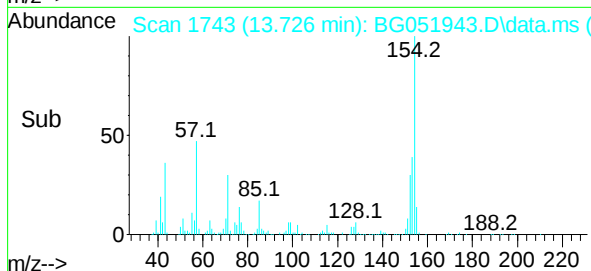
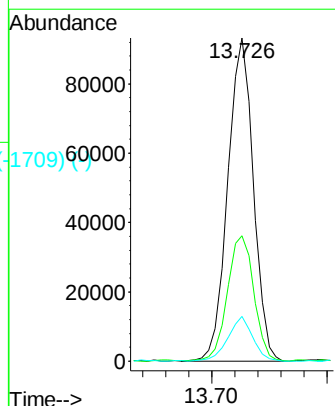
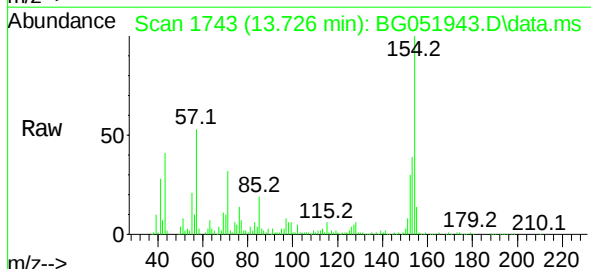
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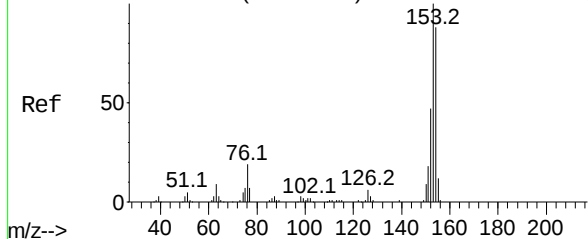


1,1'-Biphenyl
 Concen: 27.969 ng/u1
 RT: 13.726 min Scan# 1743
 Delta R.T. -0.001 min
 Lab File: BG051943.D
 Acq: 12 Jan 2022 13:26

Tgt Ion:154 Resp: 144433
 Ion Ratio Lower Upper
 154 100
 153 38.8 34.5 51.7
 76 13.9 13.1 19.7



Abundance Scan 1952 (14.954 min): BG051937.D\data.ms (-1952) (-)



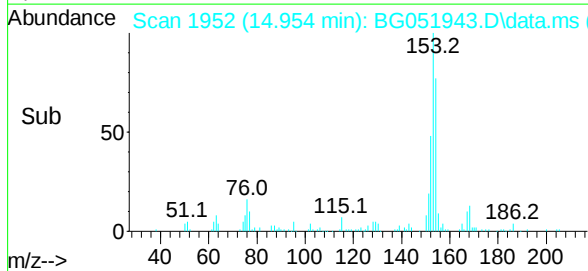
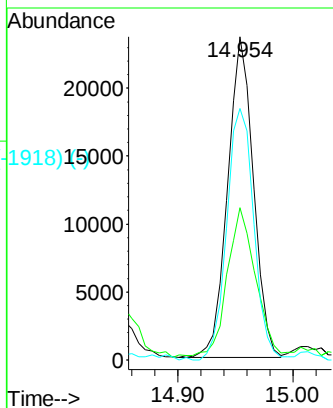
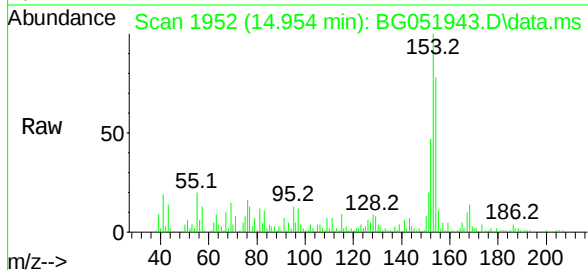
Acenaphthene
Concen: 8.384 ng/u1
RT: 14.954 min Scan# 1952
Delta R.T. -0.001 min
Lab File: BG051943.D
Acq: 12 Jan 2022 13:26

Instrument :
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ClientSampleId :
BGLN1

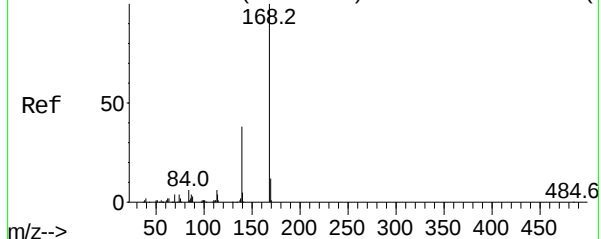
Tgt Ion:153 Resp: 3660
Ion Ratio Lower Upper
153 100
152 47.1 36.5 54.7
154 77.8 65.8 98.6

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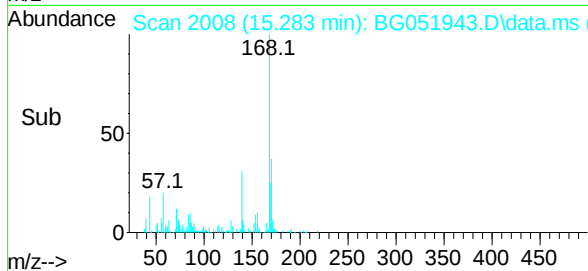
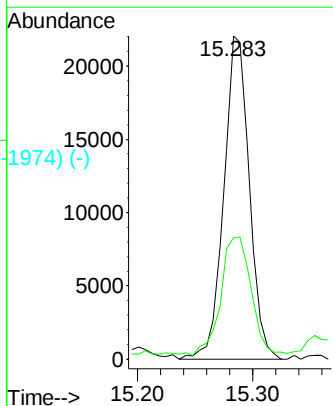
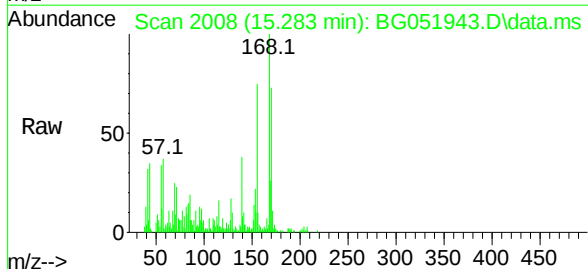


Abundance Scan 2009 (15.289 min): BG051937.D\data.ms (-2009) (-)

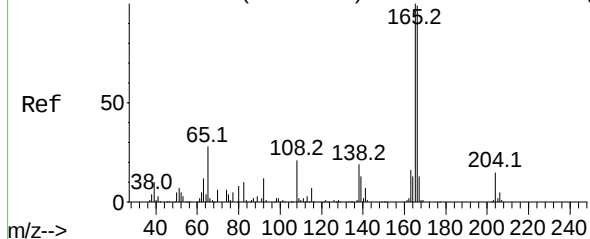


Dibenzofuran
Concen: 5.351 ng/u1
RT: 15.283 min Scan# 2008
Delta R.T. -0.001 min
Lab File: BG051943.D
Acq: 12 Jan 2022 13:26

Tgt Ion:168 Resp: 33984
Ion Ratio Lower Upper
168 100
139 37.5 31.2 46.8



Abundance Scan 2119 (15.935 min): BG051937.D\data.ms (-2162) (-)



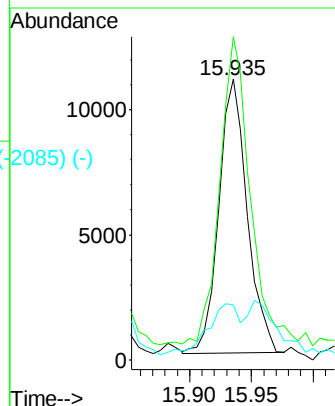
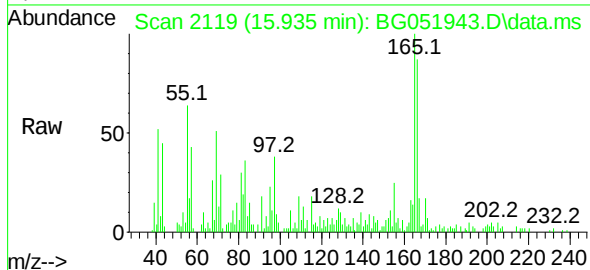
Fluorene
Concen: 3.313 ng/ul
RT: 15.935 min Scan# 2119
Delta R.T. -0.001 min
Lab File: BG051943.D
Acq: 12 Jan 2022 13:26

Instrument :
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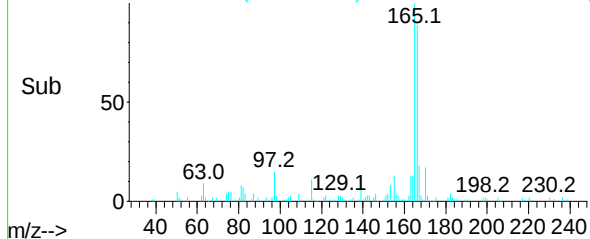
Tgt Ion:166 Resp: 1753
Ion Ratio Lower Upper
166 100
165 115.1 81.0 121.6
167 19.6 11.0 16.4

Manual Integrations
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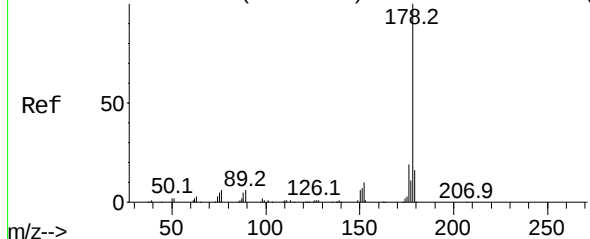
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Abundance Scan 2119 (15.935 min): BG051943.D\data.ms (-2085) (-)

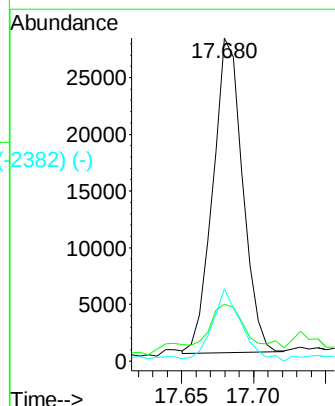
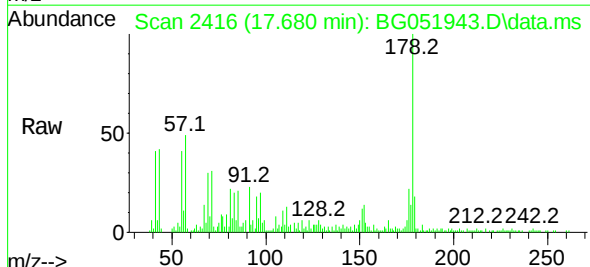


Abundance Scan 2416 (17.680 min): BG051937.D\data.ms (-2478) (-)

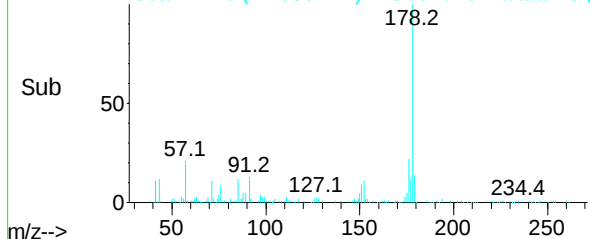


Phenanthrene
Concen: 4.989 ng/ul
RT: 17.680 min Scan# 2416
Delta R.T. -0.001 min
Lab File: BG051943.D
Acq: 12 Jan 2022 13:26

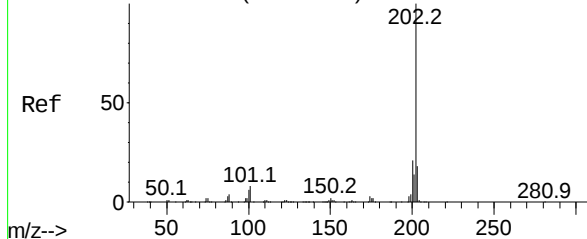
Tgt Ion:178 Resp: 39735
Ion Ratio Lower Upper
178 100
179 17.6 12.3 18.5
176 22.5 15.5 23.3



Abundance Scan 2416 (17.680 min): BG051943.D\data.ms (-2382) (-)



Abundance Scan 2757 (19.683 min): BG051937.D\data.ms (-2757) (-)



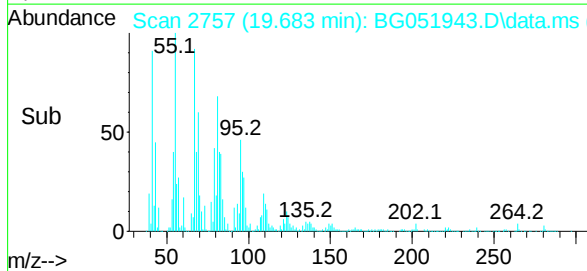
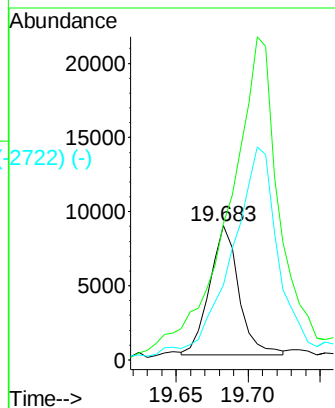
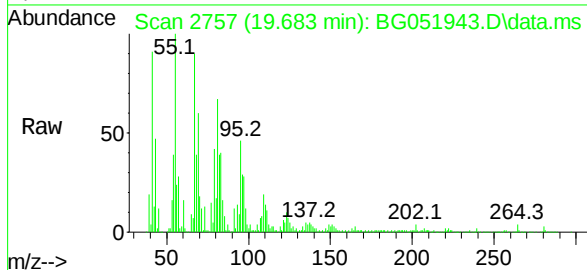
Fluoranthene
Concen: 1.277 ng/ul
RT: 19.683 min Scan# 2757
Delta R.T. 0.004 min
Lab File: BG051943.D
Acq: 12 Jan 2022 13:26

Instrument :
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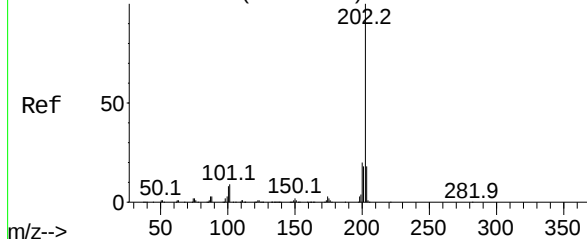
Tgt Ion	Ratio	Lower	Upper
202	100		
101	101.8	9.3	13.9
100	55.8	7.0	10.6

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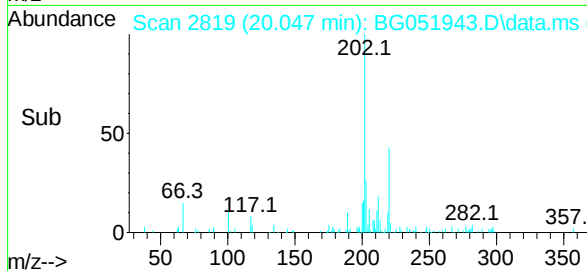
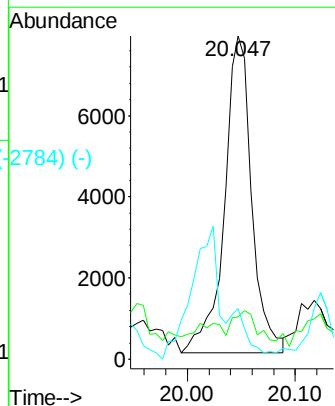
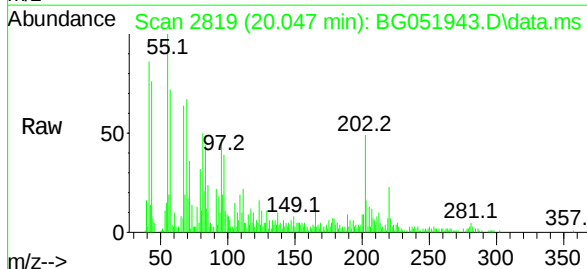


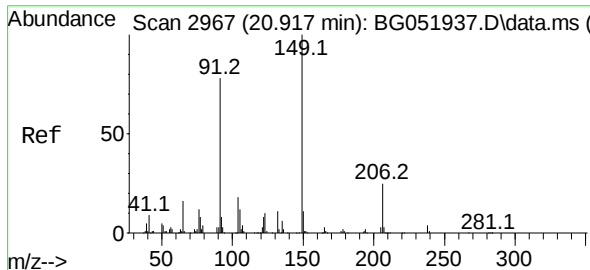
Abundance Scan 2818 (20.042 min): BG051937.D\data.ms (-2818) (-)



Pyrene
Concen: 1.465 ng/ul
RT: 20.047 min Scan# 2819
Delta R.T. 0.004 min
Lab File: BG051943.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.7	16.1
100	15.6	9.0	13.6#





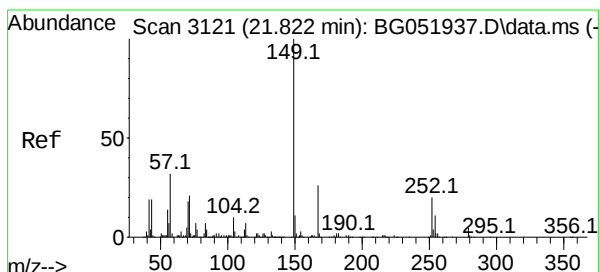
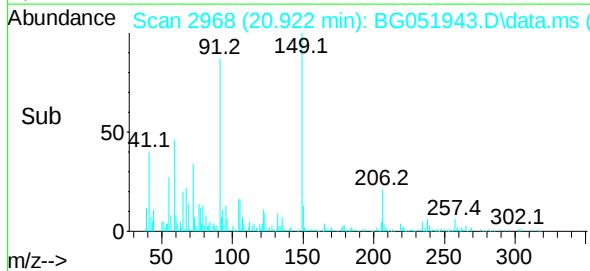
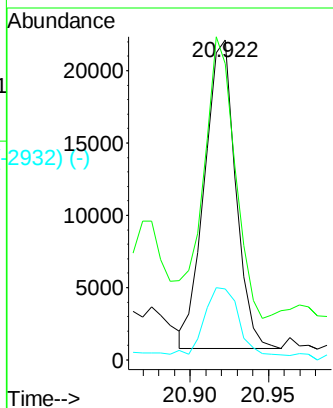
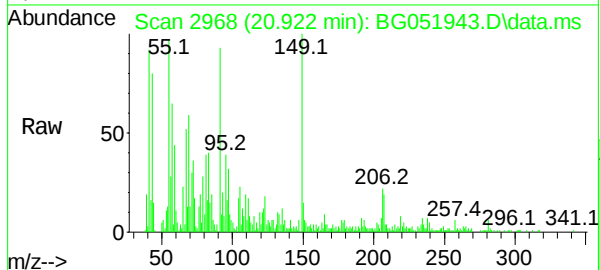
Butylbenzylphthalate
Concen: 8.943 ng/u1
RT: 20.922 min Scan# 2967
Delta R.T. 0.010 min
Lab File: BG051943.D
Acq: 12 Jan 2022 13:26

Instrument :
BNA_G
ClientSampleId :
BGLN1

Tgt Ion:	149	Resp:	2938
Ion	Ratio	Lower	Upper
149	100		
91	92.7	65.2	97.8
206	22.2	16.2	24.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022



Bis(2-ethylhexyl)phthalate
Concen: 51.215 ng/u1
RT: 21.821 min Scan# 3121
Delta R.T. 0.004 min
Lab File: BG051943.D
Acq: 12 Jan 2022 13:26

Tgt Ion:	149	Resp:	246083
Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.1	31.7
279	4.8	2.7	4.1#

