

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051356.D
 Acq On : 6 Dec 2021 19:04
 Operator : CG/JU
 Sample : M4942-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKP9

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Dec 06 23:59:23 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	8.193	152	29723	20.000	ng/ul	0.00
20) Naphthalene-d8	11.031	136	124896	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.833	164	88109m	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.582	188	148495	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.889	240	137554	20.000	ng/ul	# 0.00
88) Perylene-d12	25.314	264	141903	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	2445	2.859	ng/uL	-0.02
4) Pyridine-d5	3.969	84	19520	7.777	ng/ul	0.00
7) Phenol-d5	7.359	99	58638	19.961	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	41710	22.607	ng/ul	0.00
11) 2-Chlorophenol-d4	7.723	132	43732	20.673	ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	48021	20.257	ng/ul	0.00
21) Nitrobenzene-d5	9.374	128	24986	23.699	ng/ul	0.00
24) 2-Nitrophenol-d4	10.097	143	26970	22.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.661	165	44319	21.963	ng/ul	0.00
31) 4-Chloroaniline-d4	11.166	131	26726	9.052	ng/ul	0.00
46) Dimethylphthalate-d6	14.227	166	126913	18.720	ng/ul	0.00
49) Acenaphthylene-d8	14.527	160	167911	19.641	ng/ul	0.00
54) 4-Nitrophenol-d4	15.062	143	18150	16.539	ng/ul	0.01
60) Fluorene-d10	15.826	176	110016	18.021	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	14207	15.505	ng/ul	0.00
73) Anthracene-d10	17.682	188	166023	23.377	ng/ul	0.00
81) Pyrene-d10	19.968	212	186596	22.419	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.079	264	171221	22.593	ng/ul	0.04
Target Compounds						
8) Phenol	7.382	94	4000m	1.314	ng/ul	
13) 2-Methylphenol	8.640	108	11351	5.008	ng/ul	94
26) 2,4-Dimethylphenol	10.214	107	31741	12.603	ng/ul#	93
30) Naphthalene	11.119	128	7425825	1092.701	ng/ul#	65
36) 2-Methylnaphthalene	12.770	142	12088089	2615.084	ng/ul	91
37) 1-Methylnaphthalene	12.964	142	6407980	1347.448	ng/ul#	96
43) 1,1'-Biphenyl	13.687	154	3141746	477.406	ng/ul#	85
50) Acenaphthylene	14.556	152	28707	3.399	ng/ul#	6
52) Acenaphthene	14.909	153	1585609	284.662	ng/ul	93
56) Dibenzofuran	15.250	168	3076225	382.885	ng/ul#	76
61) Fluorene	15.890	166	1515536	235.495	ng/ul#	98
67) N-Nitrosodiphenylamine	16.078	169	42593	10.019	ng/ul#	68
72) Phenanthrene	17.629	178	890084	108.560	ng/ul	96
74) Anthracene	17.717	178	11645m	1.430	ng/ul	
78) Di-n-butylphthalate	18.517	149	90073	9.774	ng/ul#	91
80) Fluoranthene	19.633	202	157353	15.393	ng/ul#	95
82) Pyrene	19.991	202	113472	11.347	ng/ul#	88
83) Butylbenzylphthalate	20.867	149	1946475	468.214	ng/ul#	93
85) Benzo(a)anthracene	21.871	228	10148	1.088	ng/ul#	48
86) Bis(2-ethylhexyl)phtha...	21.777	149	7333240	1225.842	ng/ul#	55
87) Chrysene	21.942	228	20048	2.237	ng/ul#	66
89) Di-n-octyl phthalate	23.005	149	1771067	172.276	ng/ul	100
90) Benzo(b)fluoranthene	24.222	252	12236	1.278	ng/ul#	1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ahmed

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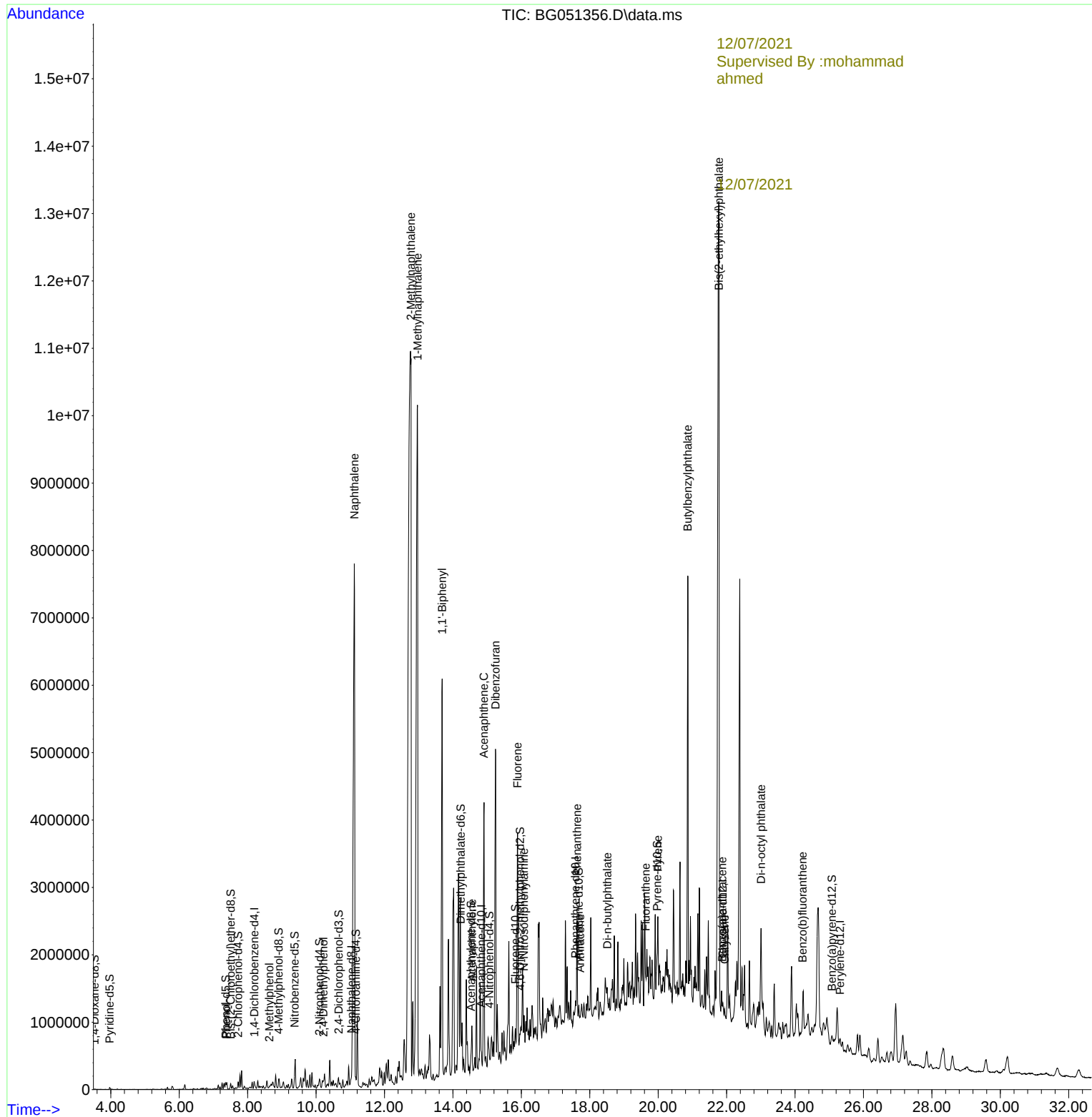
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
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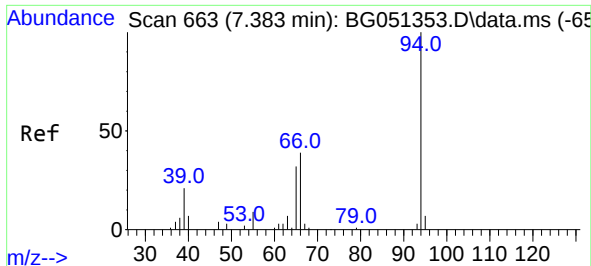
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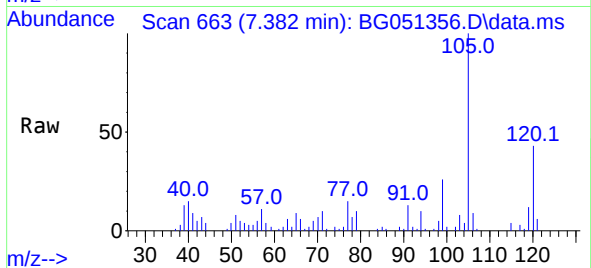
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#8
Phenol
Concen: 1.314 ng/ul m
RT: 7.382 min Scan# 663
Delta R.T. -0.004 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

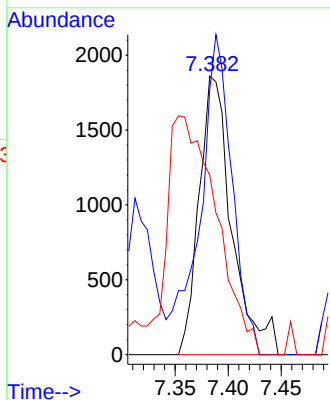
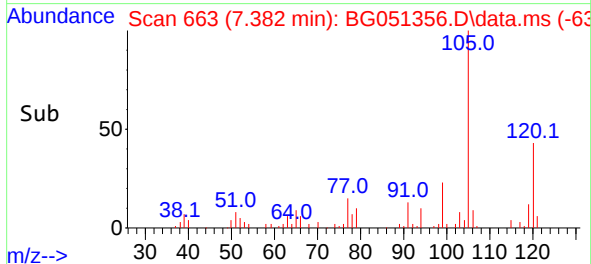
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 94 Resp: 4000
Ion Ratio Lower Upper
94 100
65 95.1 25.1 37.7
66 64.5 31.6 47.4

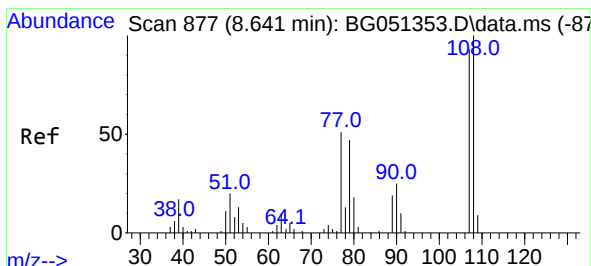
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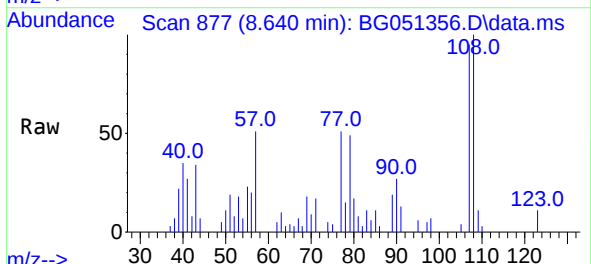


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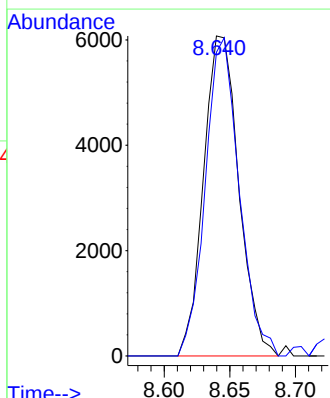
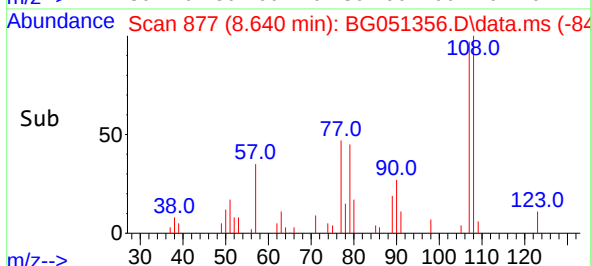
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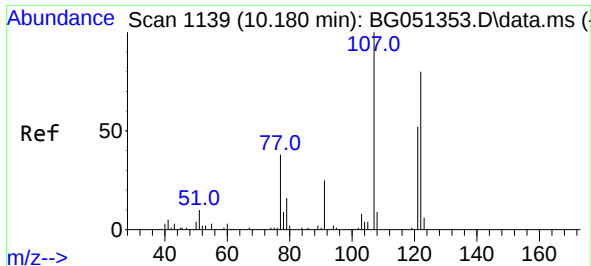


#13
2-Methylphenol
Concen: 5.008 ng/ul
RT: 8.640 min Scan# 877
Delta R.T. -0.004 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04



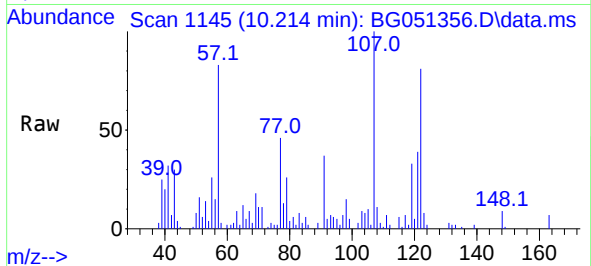
Tgt Ion:108 Resp: 11351
Ion Ratio Lower Upper
108 100
107 94.9 71.8 107.6





#26
2,4-Dimethylphenol
Concen: 12.603 ng/ul
RT: 10.214 min Scan# 1139
Delta R.T. 0.031 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

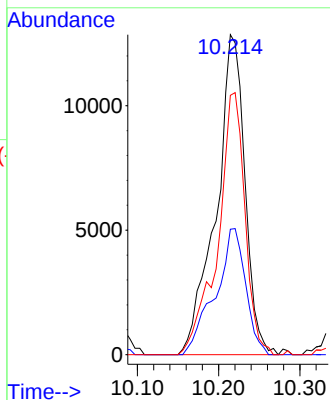
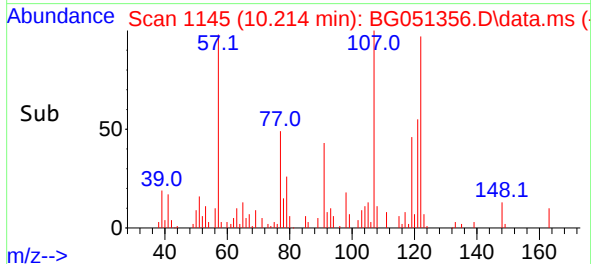
Instrument :
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ClientSampleId :
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Tgt Ion:107 Resp: 3174
Ion Ratio Lower Upper
107 100
121 39.2 39.3 58.9#
122 81.1 63.7 95.5#

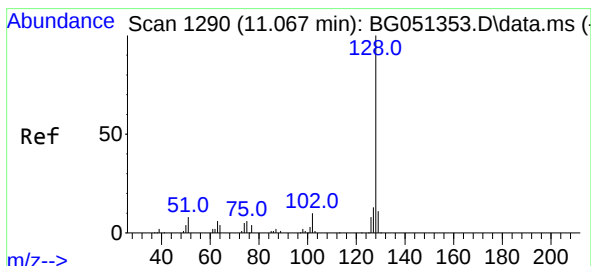
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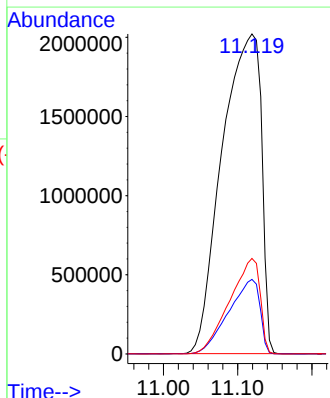
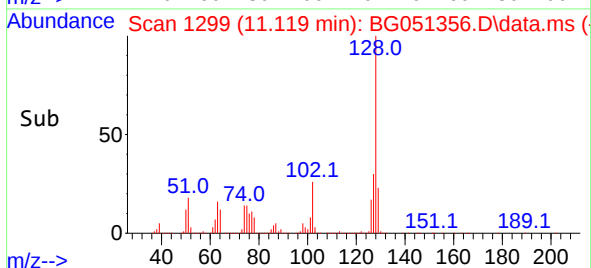
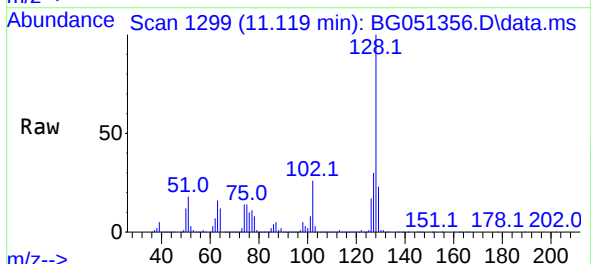
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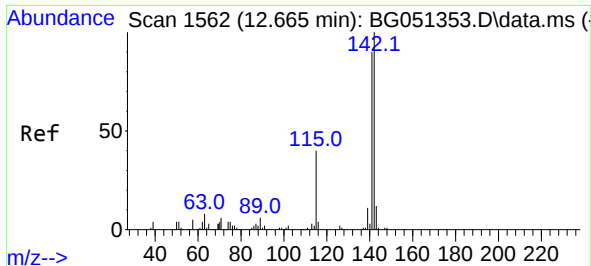
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#30
Naphthalene
Concen: 1092.701 ng/ul
RT: 11.119 min Scan# 1299
Delta R.T. 0.043 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

Tgt Ion:128 Resp: 7425825
Ion Ratio Lower Upper
128 100
129 23.3 8.5 12.7#
127 29.9 11.8 17.6#





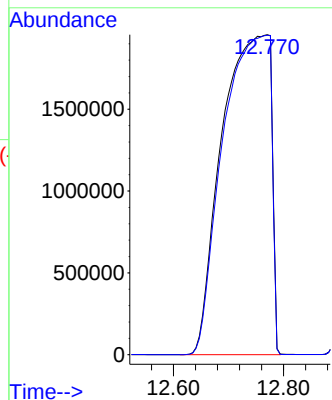
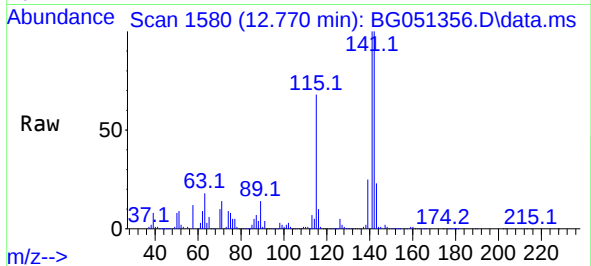
#36
2-Methylnaphthalene
Concen: 2615.084 ng/ul
RT: 12.770 min Scan# 11
Delta R.T. 0.102 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

Instrument :
BNA_G
ClientSampleId :
BGKP9

Tgt Ion:142 Resp:12088089
Ion Ratio Lower Upper
142 100
141 99.8 73.3 109.9

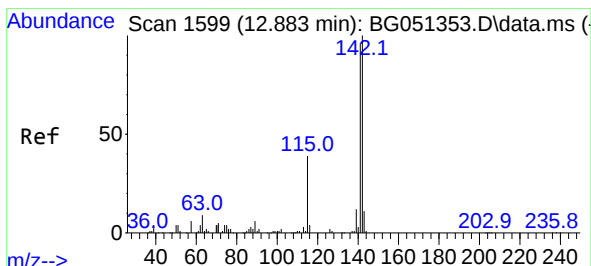
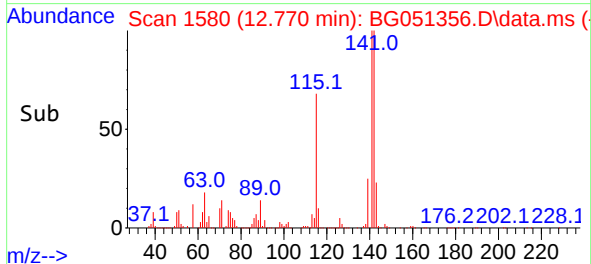
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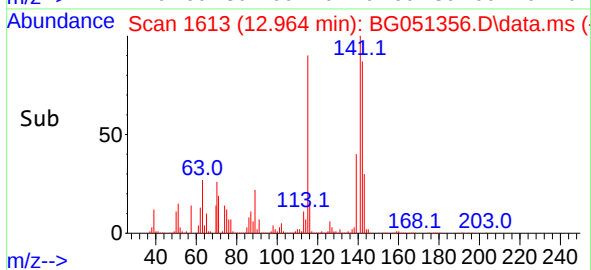
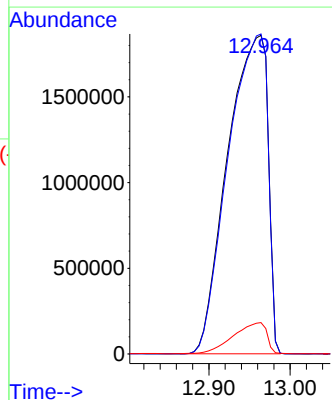
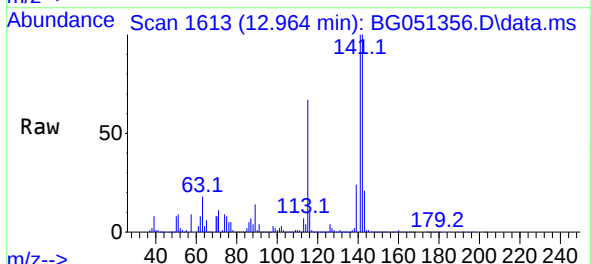
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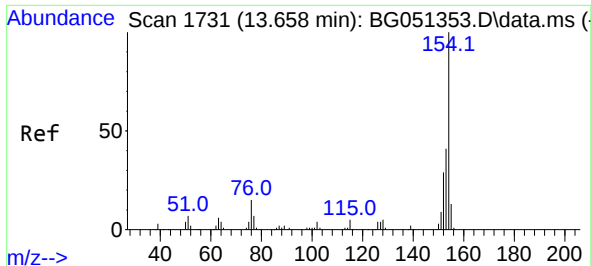
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#37
1-Methylnaphthalene
Concen: 1347.448 ng/ul
RT: 12.964 min Scan# 1613
Delta R.T. 0.078 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

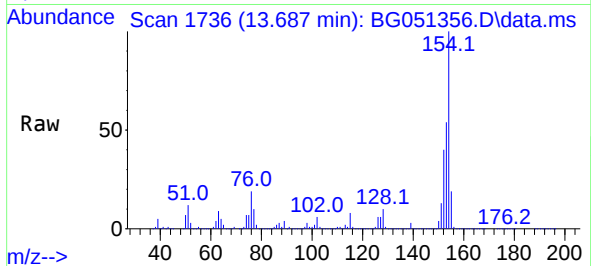
Tgt Ion:142 Resp: 6407980
Ion Ratio Lower Upper
142 100
141 100.4 77.8 116.8
116 9.8 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 477.406 ng/uI
RT: 13.687 min Scan# 1736
Delta R.T. 0.020 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

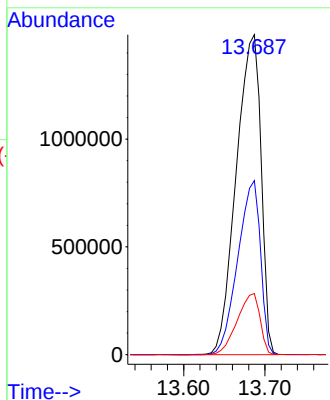
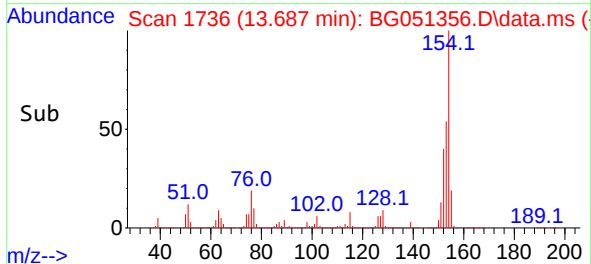
Instrument :
BNA_G
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Tgt Ion:154 Resp: 3141740
Ion Ratio Lower Upper
154 100
153 54.4 34.5 51.7
76 19.1 13.1 19.7

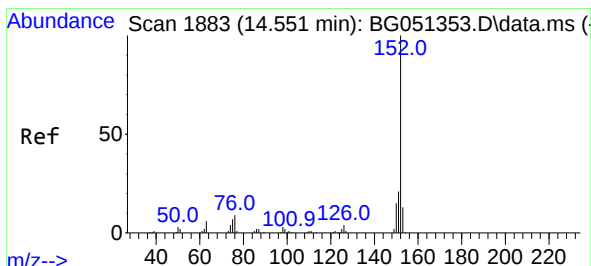
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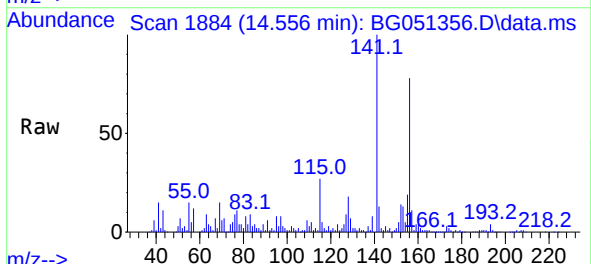


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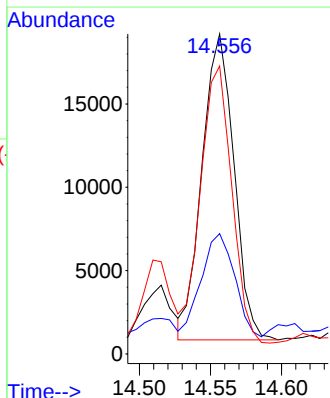
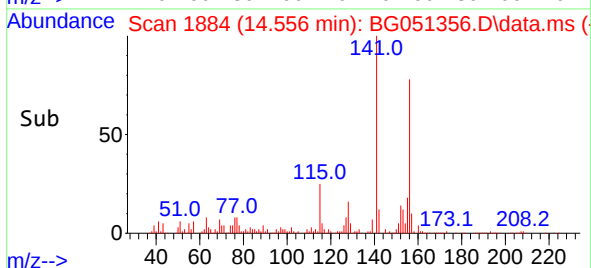
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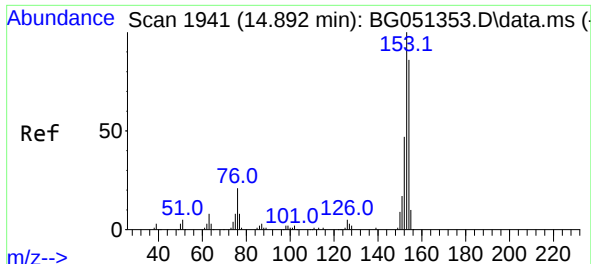


#50
Acenaphthylene
Concen: 3.399 ng/uI
RT: 14.556 min Scan# 1884
Delta R.T. -0.004 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04



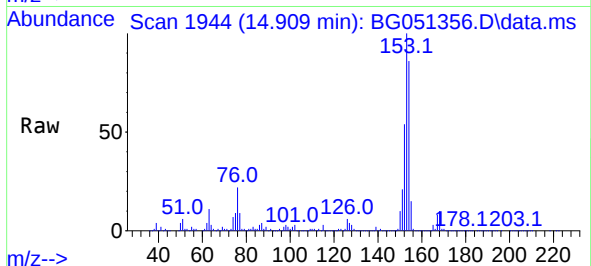
Tgt Ion:152 Resp: 28707
Ion Ratio Lower Upper
152 100
151 37.6 17.4 26.0#
153 90.0 10.3 15.5#





#52
Acenaphthene
Concen: 284.662 ng/u1
RT: 14.909 min Scan# 14
Delta R.T. 0.014 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

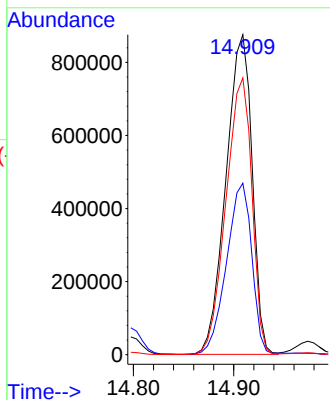
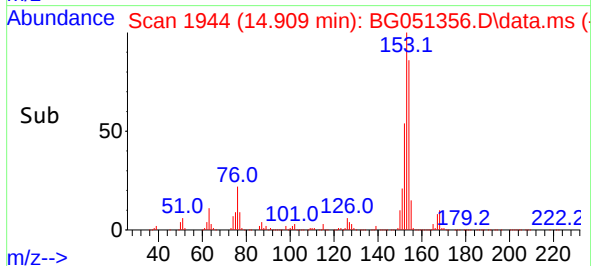
Instrument :
BNA_G
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Tgt Ion:153 Resp: 1585609
Ion Ratio Lower Upper
153 100
152 53.6 36.5 54.7
154 86.5 65.8 98.6

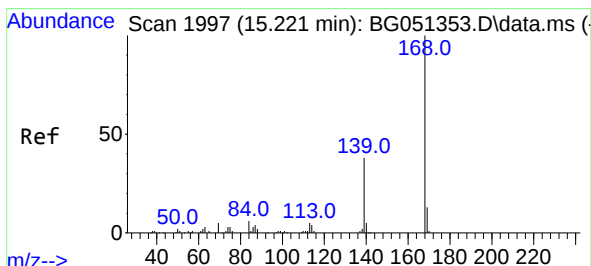
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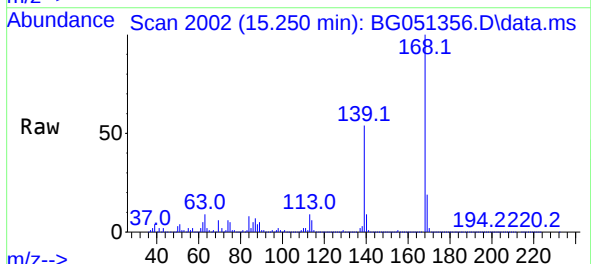


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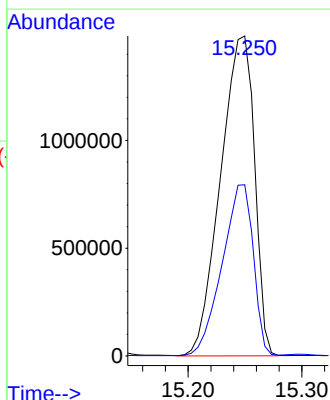
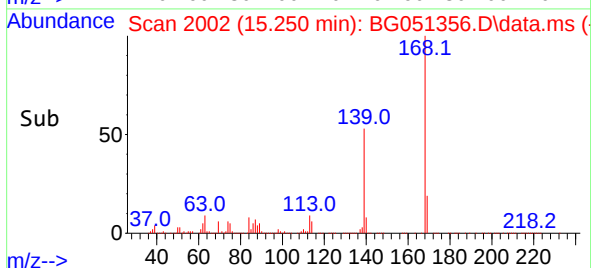
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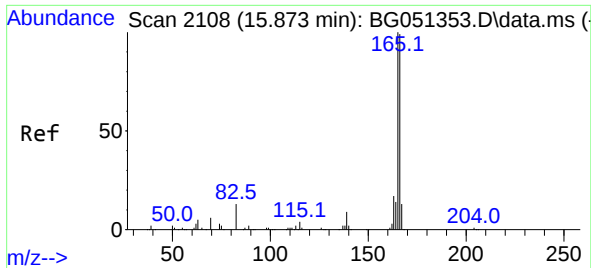


#56
Dibenzofuran
Concen: 382.885 ng/u1
RT: 15.250 min Scan# 2002
Delta R.T. 0.020 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04



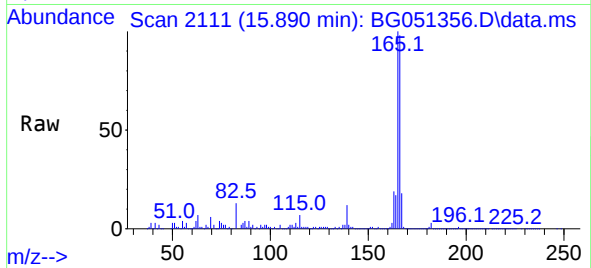
Tgt Ion:168 Resp: 3076225
Ion Ratio Lower Upper
168 100
139 53.5 31.2 46.8#





#61
Fluorene
Concen: 235.495 ng/ul
RT: 15.890 min Scan# 2111
Delta R.T. 0.014 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

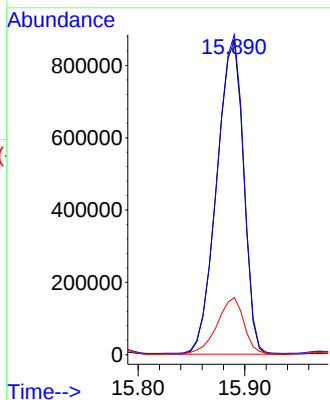
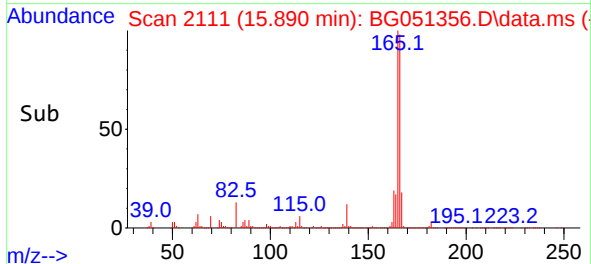
Instrument :
BNA_G
ClientSampleId :
BGKP9



Tgt Ion:166 Resp: 151553
Ion Ratio Lower Upper
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165 101.9 81.0 121.6
167 18.2 11.0 16.4

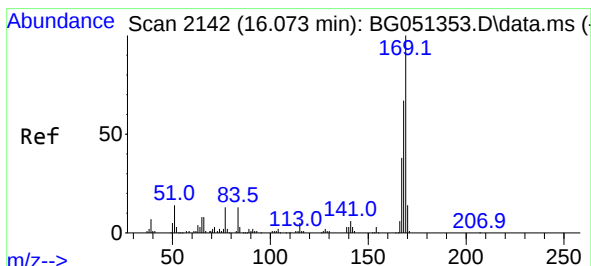
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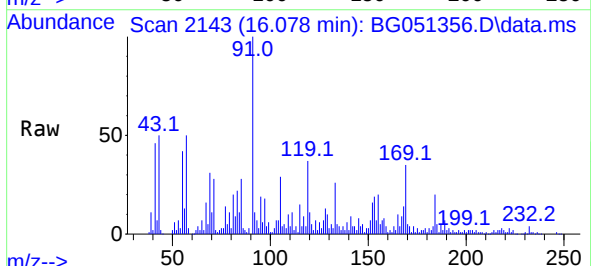


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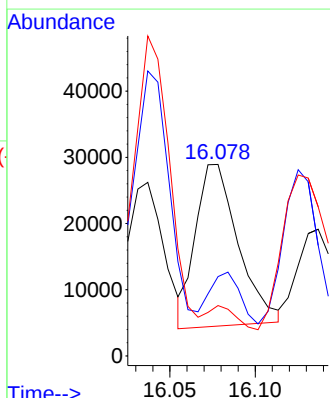
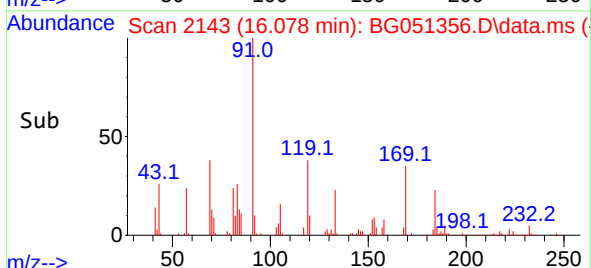
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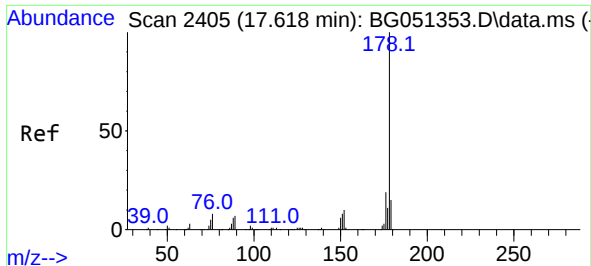


#67
N-Nitrosodiphenylamine
Concen: 10.019 ng/ul
RT: 16.078 min Scan# 2143
Delta R.T. 0.002 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04



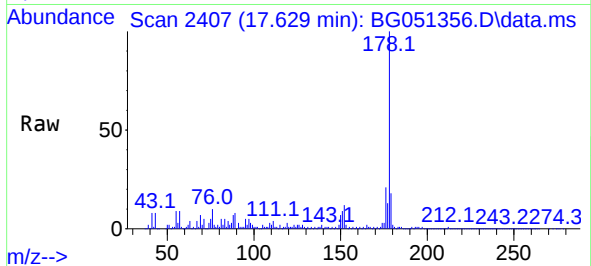
Tgt Ion:169 Resp: 42593
Ion Ratio Lower Upper
169 100
168 41.4 58.5 87.7#
167 26.3 31.3 46.9#





#72
Phenanthrene
Concen: 108.560 ng/ul
RT: 17.629 min Scan# 2407
Delta R.T. 0.008 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

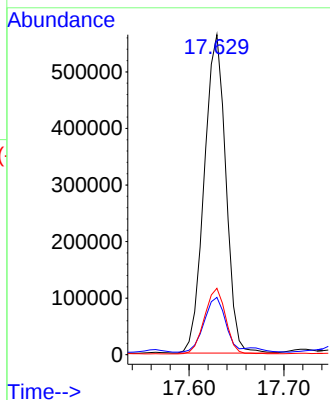
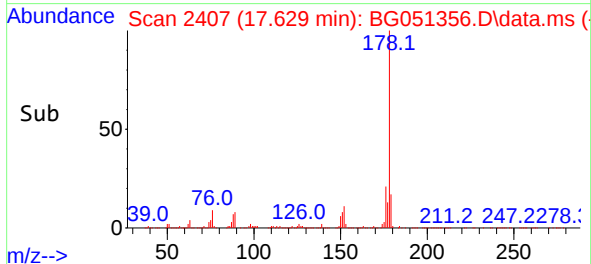
Instrument :
BNA_G
ClientSampleId :
BGKP9



Tgt Ion:178 Resp: 890084
Ion Ratio Lower Upper
178 100
179 17.9 12.3 18.5
176 20.7 15.5 23.3

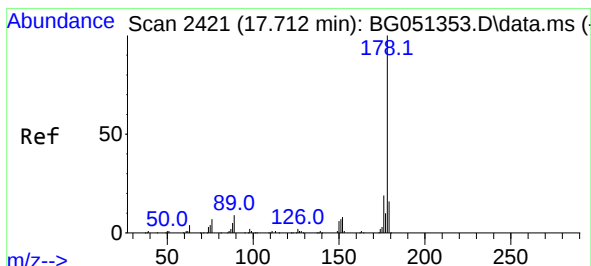
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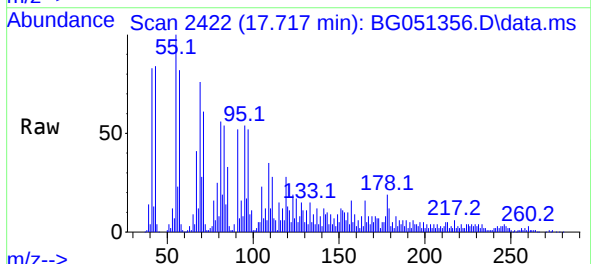


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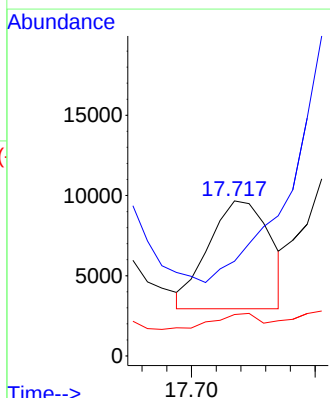
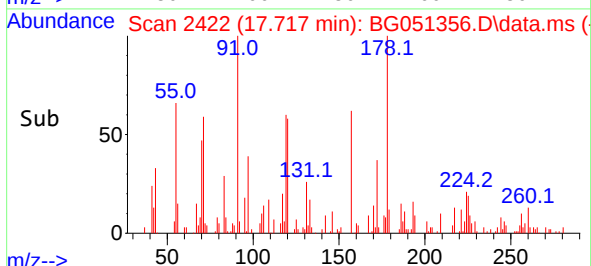
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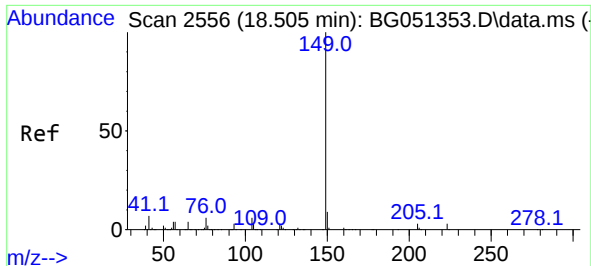


#74
Anthracene
Concen: 1.430 ng/ul m
RT: 17.717 min Scan# 2422
Delta R.T. 0.002 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04



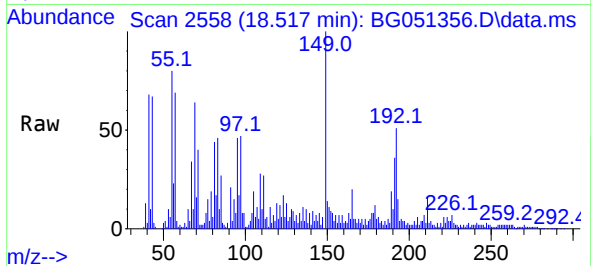
Tgt Ion:178 Resp: 11645
Ion Ratio Lower Upper
178 100
179 61.1 13.0 19.6#
176 26.7 15.6 23.4#





#78
Di-n-butylphthalate
Concen: 9.774 ng/u1
RT: 18.517 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

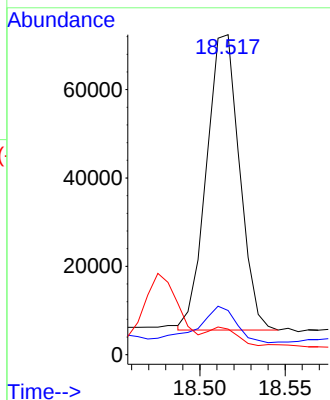
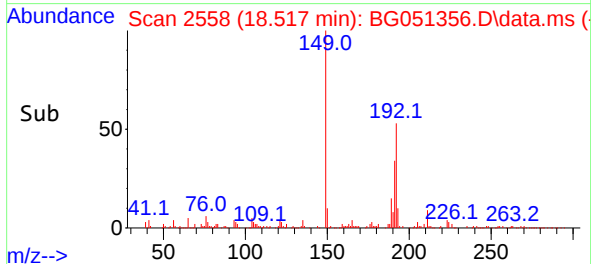
Instrument :
BNA_G
ClientSampleId :
BGKP9



Tgt Ion:149 Resp: 90073
Ion Ratio Lower Upper
149 100
150 13.8 7.5 11.3
104 8.0 5.0 7.6

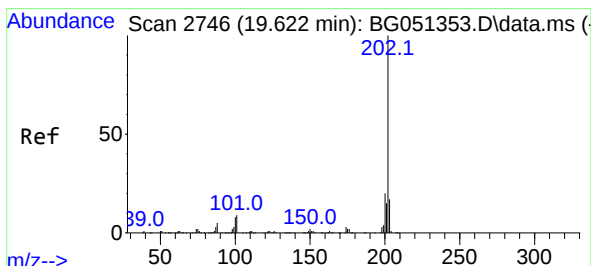
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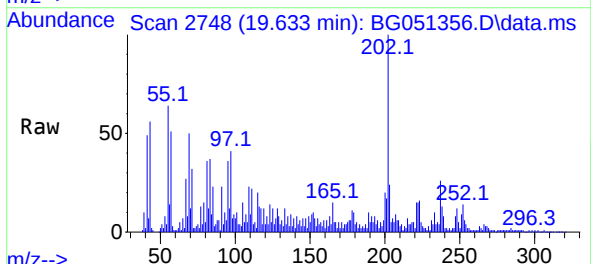


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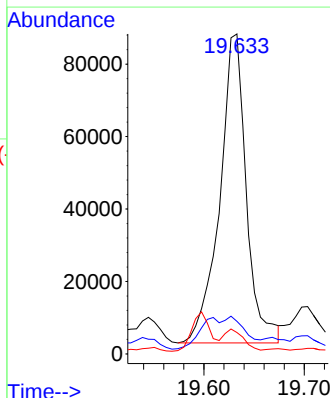
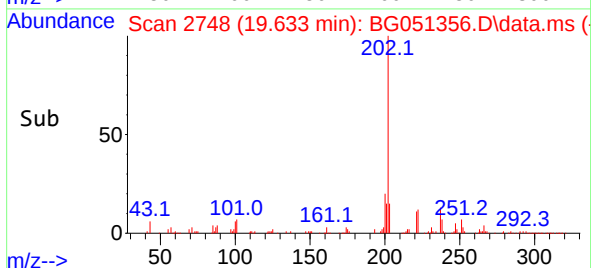
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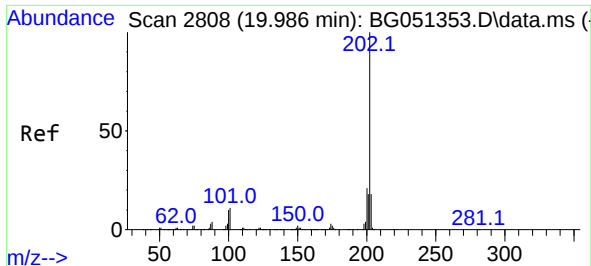


#80
Fluoranthene
Concen: 15.393 ng/u1
RT: 19.633 min Scan# 2748
Delta R.T. 0.008 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04



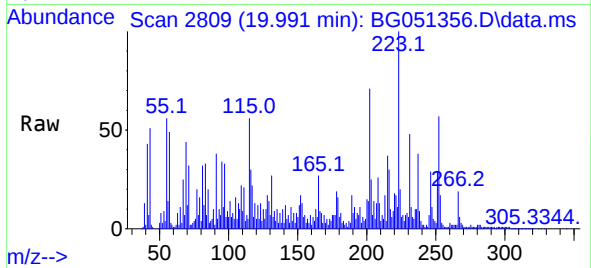
Tgt Ion:202 Resp: 157353
Ion Ratio Lower Upper
202 100
101 10.2 9.3 13.9
100 6.7 7.0 10.6





#82
Pyrene
Concen: 11.347 ng/ul
RT: 19.991 min Scan# 2809
Delta R.T. 0.002 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

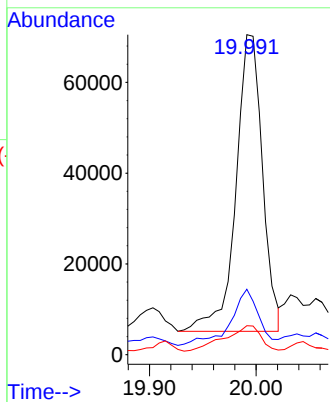
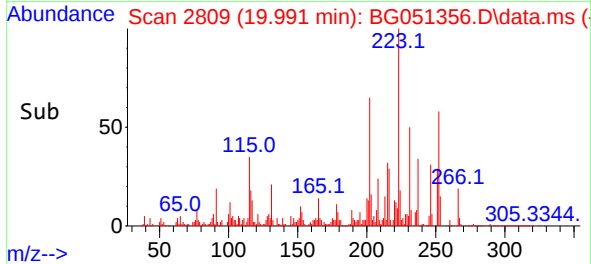
Instrument :
BNA_G
ClientSampleId :
BGKP9



Tgt Ion:202 Resp: 113472
Ion Ratio Lower Upper
202 100
101 20.5 10.7 16.1
100 9.1 9.0 13.6

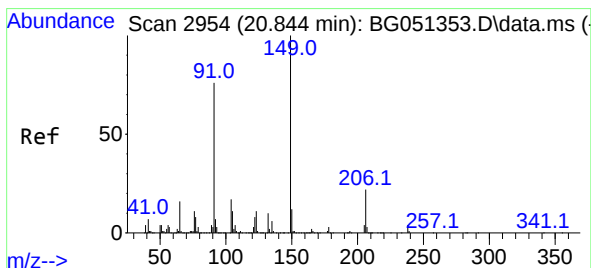
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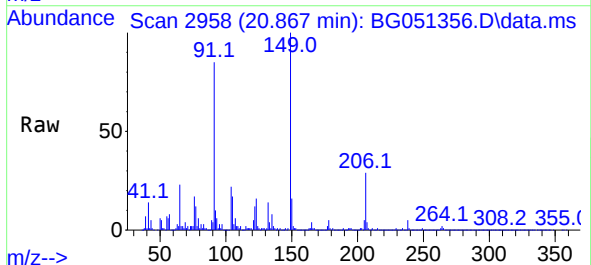


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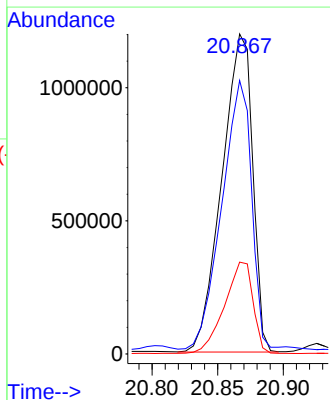
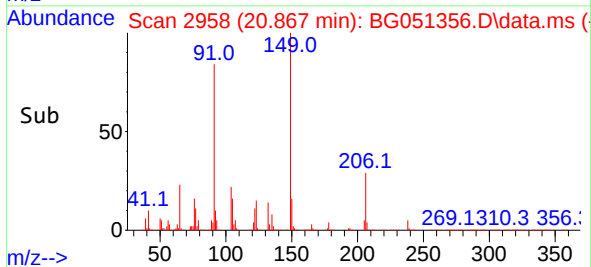
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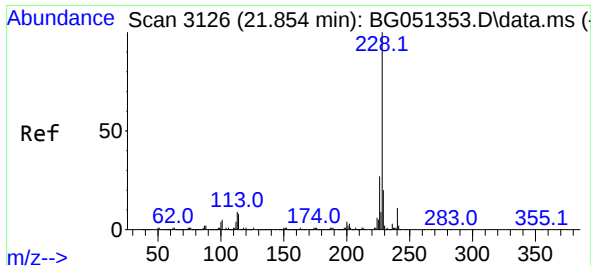


#83
Butylbenzylphthalate
Concen: 468.214 ng/ul
RT: 20.867 min Scan# 2958
Delta R.T. 0.020 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04



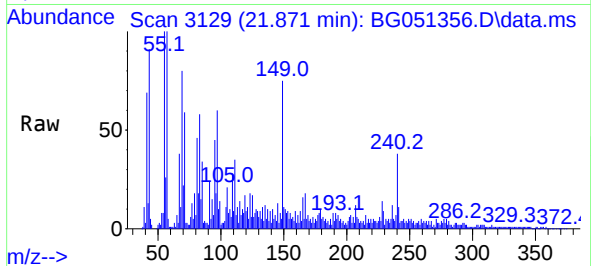
Tgt Ion:149 Resp: 1946475
Ion Ratio Lower Upper
149 100
91 85.4 65.2 97.8
206 28.7 16.2 24.2#





#85
Benzo(a)anthracene
Concen: 1.088 ng/ul
RT: 21.871 min Scan# 3129
Delta R.T. 0.008 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

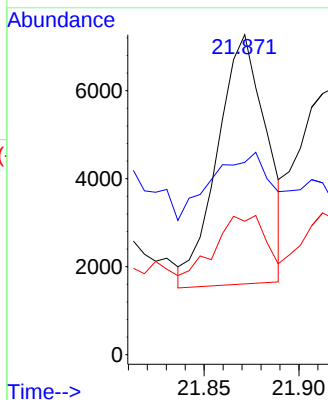
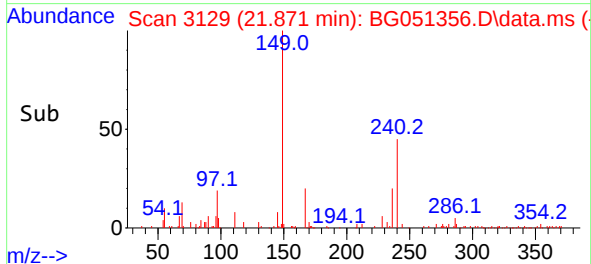
Instrument :
BNA_G
ClientSampleId :
BGKP9



Tgt Ion:228 Resp: 1014
Ion Ratio Lower Upper
228 100
229 60.1 15.7 23.5
226 41.7 22.3 33.5

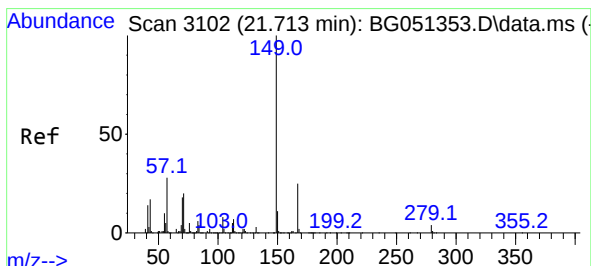
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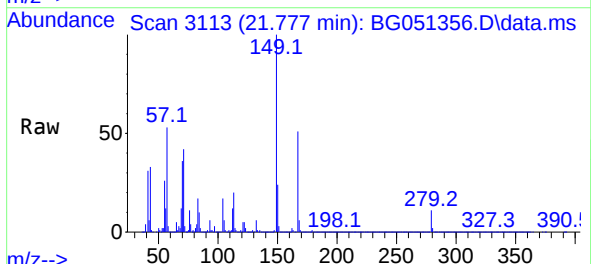


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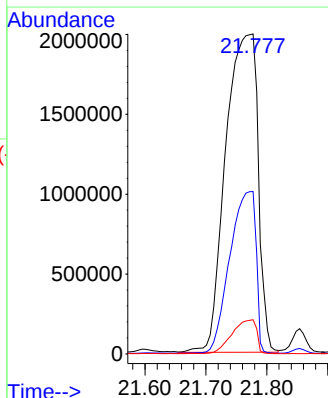
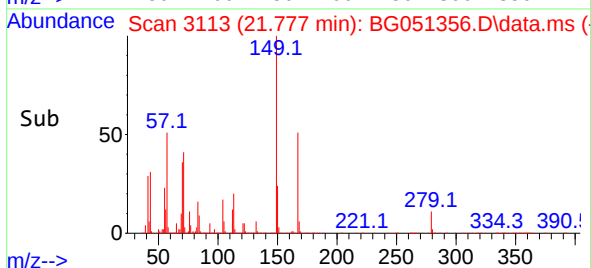
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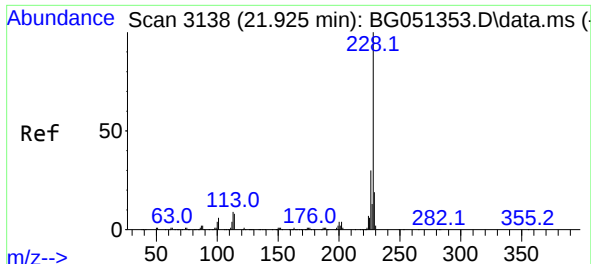


#86
Bis(2-ethylhexyl)phthalate
Concen: 1225.842 ng/ul
RT: 21.777 min Scan# 3113
Delta R.T. 0.055 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04



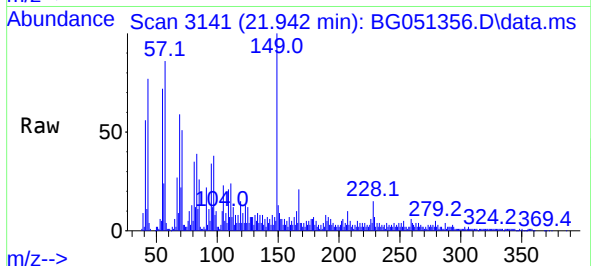
Tgt Ion:149 Resp: 7333240
Ion Ratio Lower Upper
149 100
167 50.8 21.1 31.7#
279 10.7 2.7 4.1#





#87
Chrysene
Concen: 2.237 ng/ul
RT: 21.942 min Scan# 3138
Delta R.T. 0.008 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

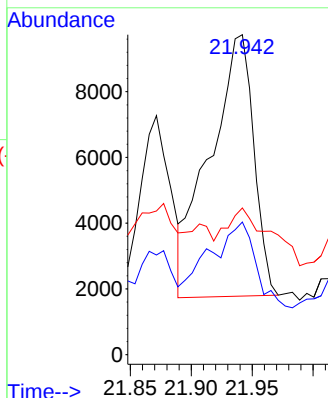
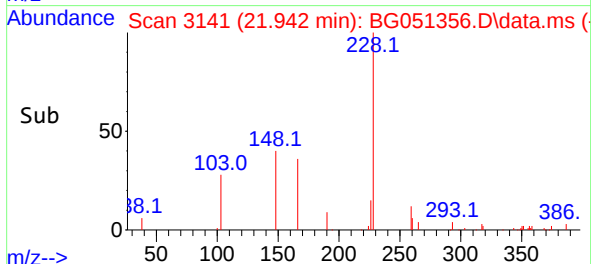
Instrument :
BNA_G
ClientSampleId :
BGKP9



Tgt Ion:228 Resp: 2004
Ion Ratio Lower Upper
228 100
226 41.4 24.8 37.2
229 45.8 15.8 23.6

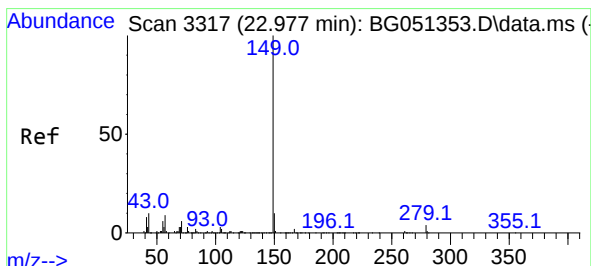
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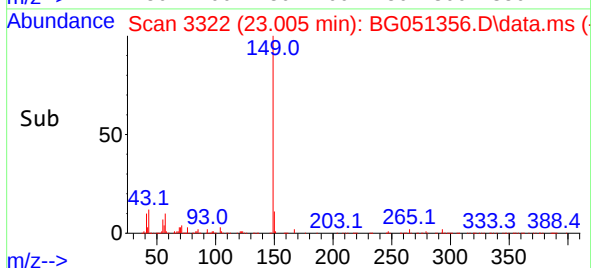
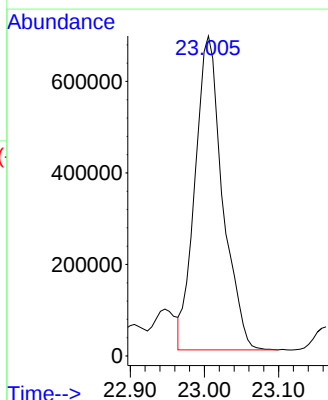
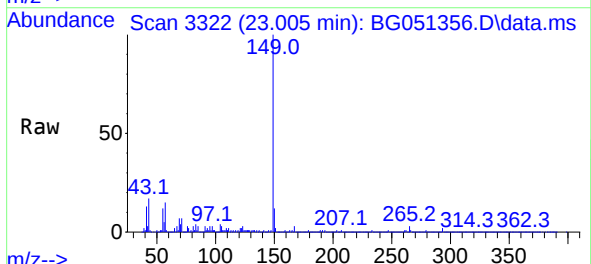
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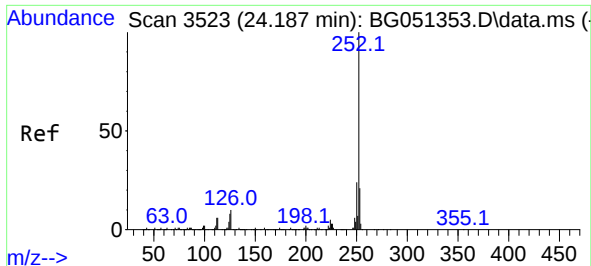
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#89
Di-n-octyl phthalate
Concen: 172.276 ng/ul
RT: 23.005 min Scan# 3322
Delta R.T. 0.020 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

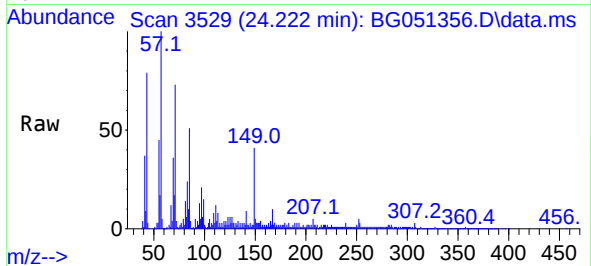
Tgt Ion:149 Resp: 1771067





#90
Benzo(b)fluoranthene
Concen: 1.278 ng/ul
RT: 24.222 min Scan# 30
Delta R.T. 0.031 min
Lab File: BG051356.D
Acq: 6 Dec 2021 19:04

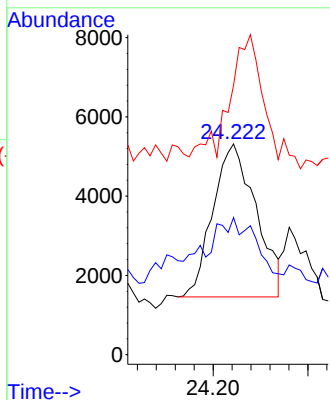
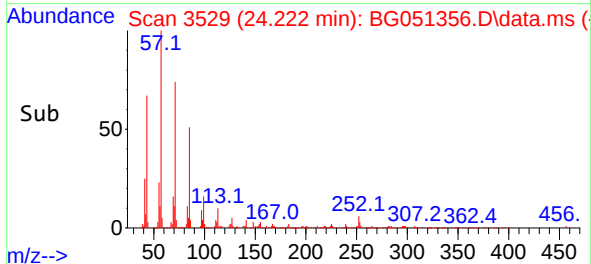
Instrument :
BNA_G
ClientSampleId :
BGKP9



Tgt Ion:252 Resp: 12230
Ion Ratio Lower Upper
252 100
253 65.1 17.8 26.6
125 127.9 8.5 12.7

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