

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
 Data File : BG051305.D
 Acq On : 2 Dec 2021 15:37
 Operator : CG/JU
 Sample : M4868-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKP5

Quant Time: Dec 02 16:12:00 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 12/03/2021
 Supervised By :mohammad ahmed 12/05/2021

12/03/2021
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	33479	20.000	ng/ul	0.00
20) Naphthalene-d8	11.032	136	140093	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.833	164	85825	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.583	188	161439	20.000	ng/ul	0.00
79) Chrysene-d12	21.896	240	149353	20.000	ng/ul	0.01
88) Perylene-d12	25.309	264	155271	20.000	ng/ul	0.03

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	3599	3.736	ng/uL	0.00
4) Pyridine-d5	3.981	84	40636	14.374	ng/ul	0.00
7) Phenol-d5	7.366	99	72488	21.907	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.524	67	47175	22.701	ng/ul	0.00
11) 2-Chlorophenol-d4	7.730	132	54563	22.900	ng/ul	0.00
15) 4-Methylphenol-d8	8.917	113	58835	22.034	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	29845	25.237	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	33747	25.297	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.656	165	55062	24.327	ng/ul	0.00
31) 4-Chloroaniline-d4	11.173	131	61480	18.564	ng/ul	0.00
46) Dimethylphthalate-d6	14.228	166	155591	23.561	ng/ul	0.00
49) Acenaphthylene-d8	14.534	160	211490	25.397	ng/ul	0.00
54) 4-Nitrophenol-d4	15.063	143	23696	22.168	ng/ul	0.01
60) Fluorene-d10	15.826	176	136422	22.941	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	11845	11.890	ng/ul	0.00
73) Anthracene-d10	17.683	188	206889	26.795	ng/ul	0.00
81) Pyrene-d10	19.963	212	225534	24.957	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.074	264	209800	25.300	ng/ul	0.03

Target Compounds						Qvalue
8) Phenol	7.407	94	1323249	386.037	ng/ul	91
13) 2-Methylphenol	8.646	108	73799	28.904	ng/ul	99
16) Acetophenone	8.993	105	49043m	11.875	ng/ul	
18) 4-Methylphenol	8.981	108	104396	38.238	ng/ul	96
26) 2,4-Dimethylphenol	10.192	107	70679m	25.019	ng/ul	
30) Naphthalene	11.102	128	3646464	478.366	ng/ul#	86
32) 4-Chloroaniline	11.196	127	254162	76.445	ng/ul	100
36) 2-Methylnaphthalene	12.724	142	5943944	1146.397	ng/ul	93
37) 1-Methylnaphthalene	12.924	142	2938834	550.932	ng/ul#	99
43) 1,1'-Biphenyl	13.676	154	1375709	214.610	ng/ul	97
50) Acenaphthylene	14.557	152	13479	1.638	ng/ul#	14
52) Acenaphthene	14.904	153	659783	121.602	ng/ul	96
56) Dibenzofuran	15.239	168	1155613	147.662	ng/ul	92
59) Diethylphthalate	15.627	149	52453	7.476	ng/ul	96
61) Fluorene	15.885	166	476915	76.079	ng/ul#	99
67) N-Nitrosodiphenylamine	16.079	169	55360	11.978	ng/ul	89
72) Phenanthrene	17.624	178	286493	32.141	ng/ul	98
74) Anthracene	17.718	178	10001m	1.130	ng/ul	
77) Carbazole	17.988	167	8071	1.039	ng/ul#	51
78) Di-n-butylphthalate	18.517	149	278167	27.763	ng/ul	99
80) Fluoranthene	19.628	202	54212	4.884	ng/ul#	82
82) Pyrene	19.992	202	42274	3.894	ng/ul#	88
83) Butylbenzylphthalate	20.903	149	5381430	1192.210	ng/ul#	86
86) Bis(2-ethylhexyl)phtha...	21.766	149	5763205	887.282	ng/ul#	59

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Di-n-octyl phthalate	23.006	149	1365262	121.369	ng/ul	100

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

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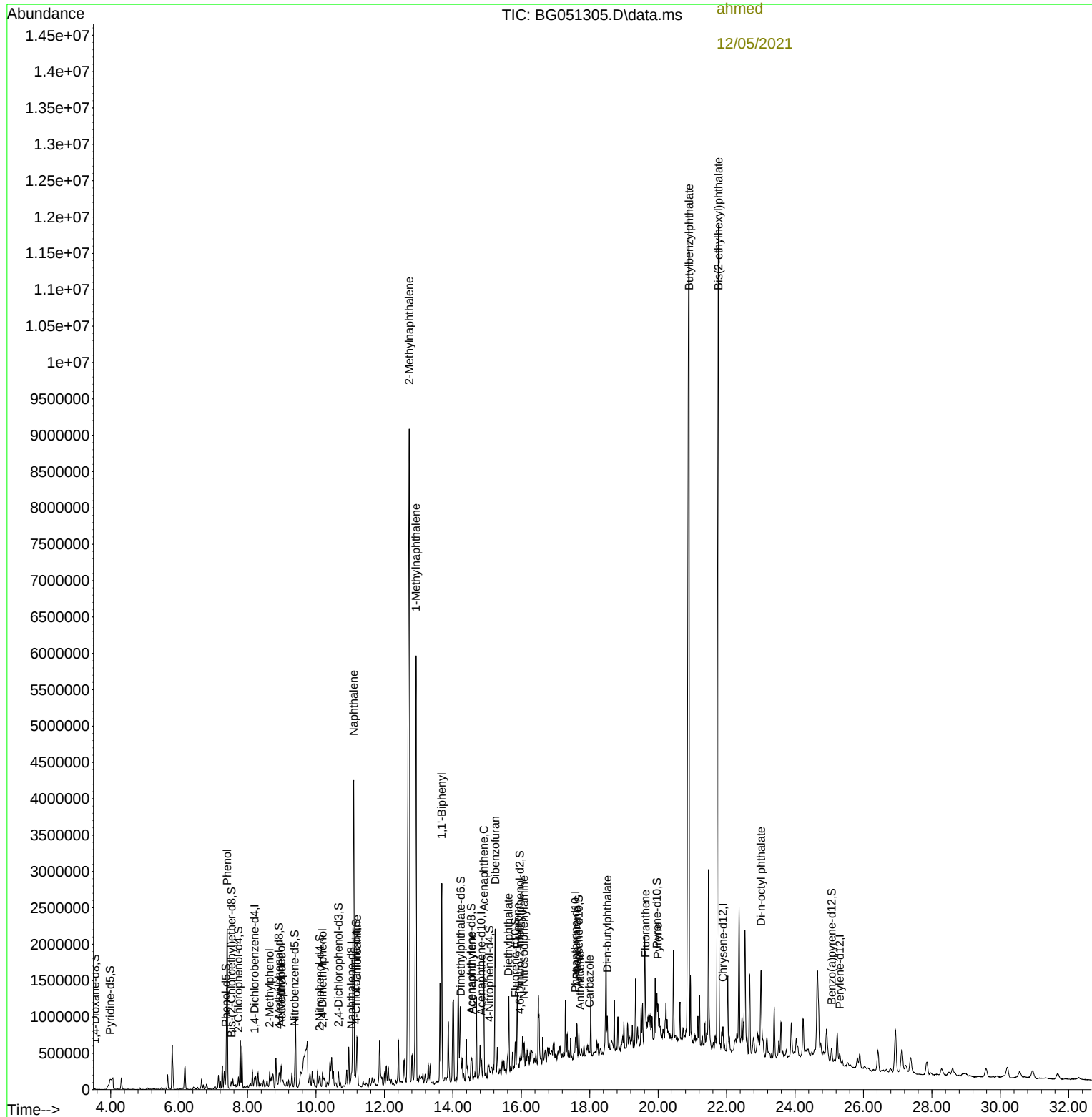
Manual Integrations

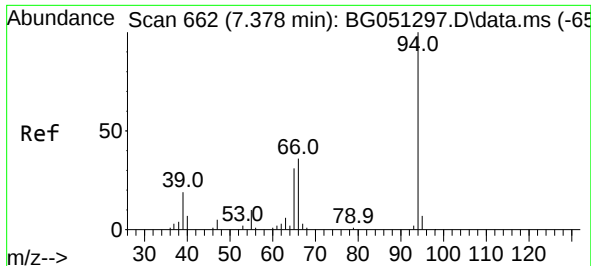
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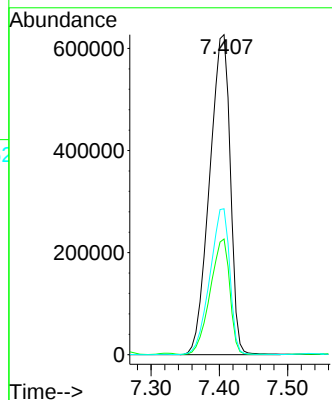
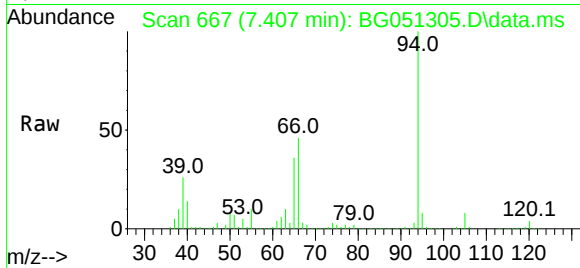
#8
Phenol
Concen: 386.037 ng/ul
RT: 7.407 min Scan# 60
Delta R.T. 0.020 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

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Tgt Ion: 94 Resp: 1323249
Ion Ratio Lower Upper
94 100
65 36.1 25.1 37.7
66 45.6 31.6 47.4

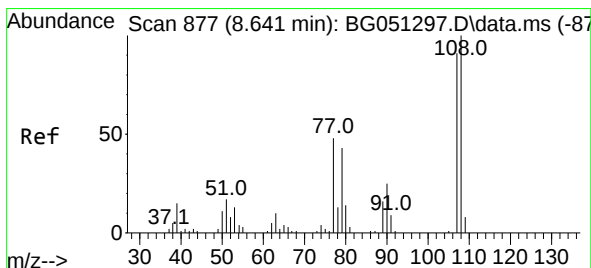
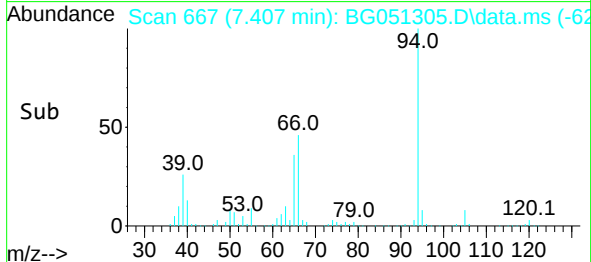
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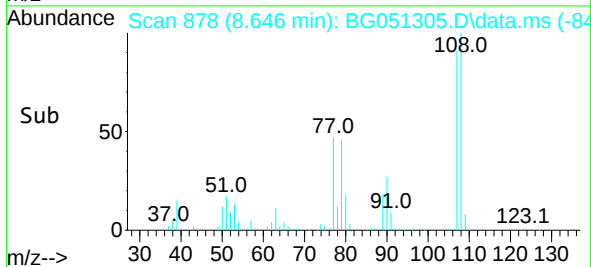
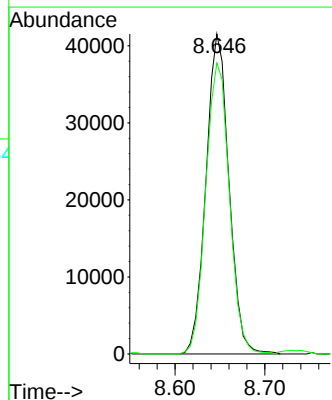
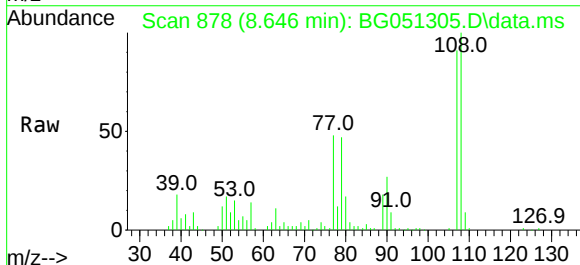
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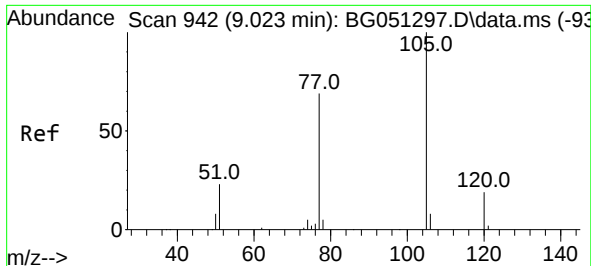
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#13
2-Methylphenol
Concen: 28.904 ng/ul
RT: 8.646 min Scan# 878
Delta R.T. 0.003 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

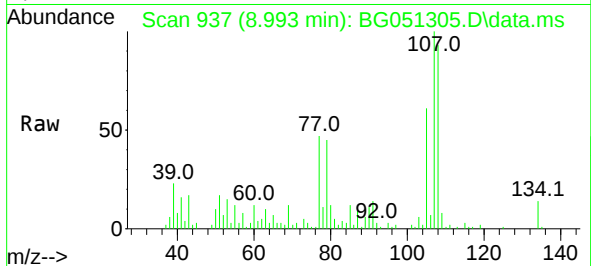
Tgt Ion:108 Resp: 73799
Ion Ratio Lower Upper
108 100
107 90.9 71.8 107.6





#16
Acetophenone
Concen: 11.875 ng/ul m
RT: 8.993 min Scan# 91
Delta R.T. -0.038 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

Instrument :
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ClientSampleId :
BGKP5



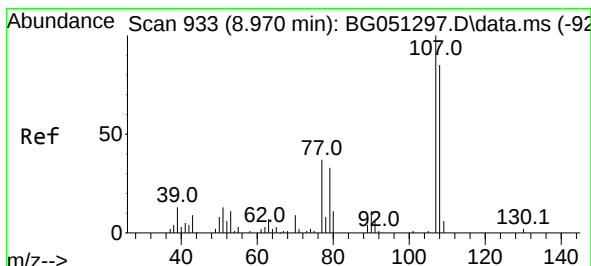
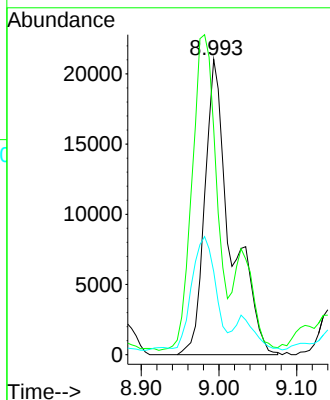
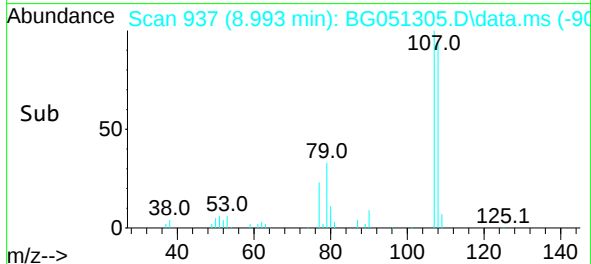
Tgt Ion:105 Resp: 4904
Ion Ratio Lower Upper
105 100
77 76.4 67.3 100.9
51 28.1 24.0 36.0

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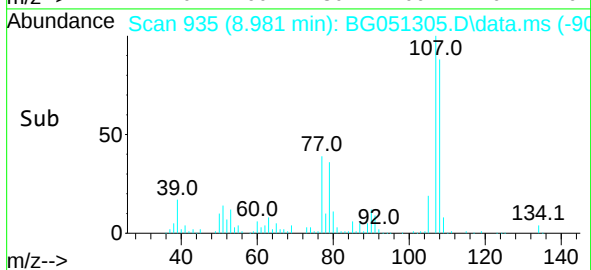
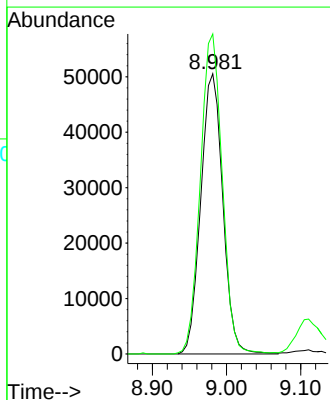
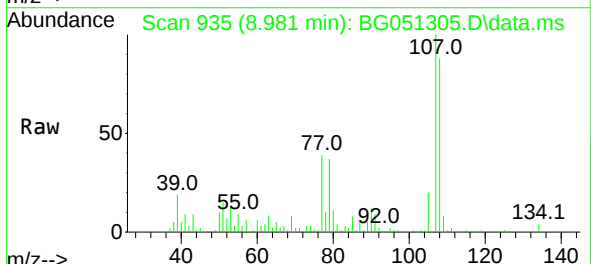
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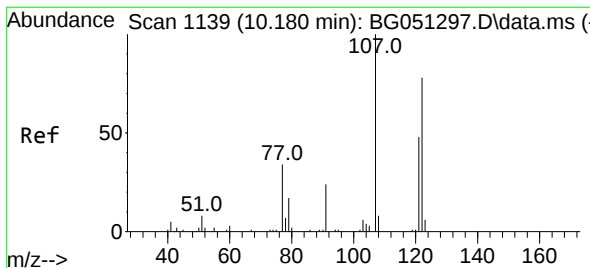
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#18
4-Methylphenol
Concen: 38.238 ng/ul
RT: 8.981 min Scan# 935
Delta R.T. 0.003 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

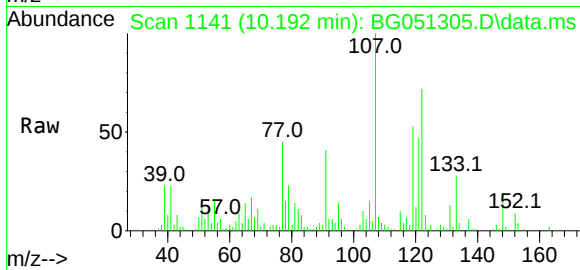
Tgt Ion:108 Resp: 104396
Ion Ratio Lower Upper
108 100
107 114.2 95.0 142.4





#26
2,4-Dimethylphenol
Concen: 25.019 ng/ul m
RT: 10.192 min Scan# 1141
Delta R.T. 0.009 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

Instrument :
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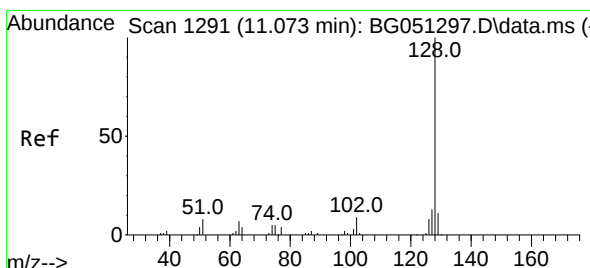
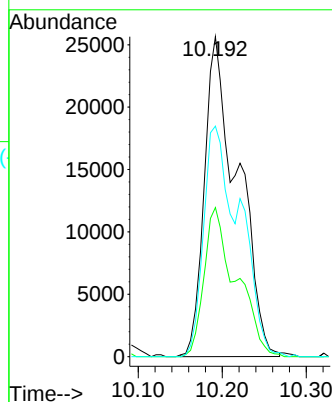
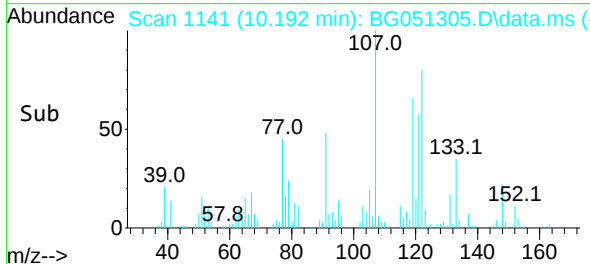
Tgt Ion:107 Resp: 70679
Ion Ratio Lower Upper
107 100
121 46.6 39.3 58.9
122 72.1 63.7 95.5

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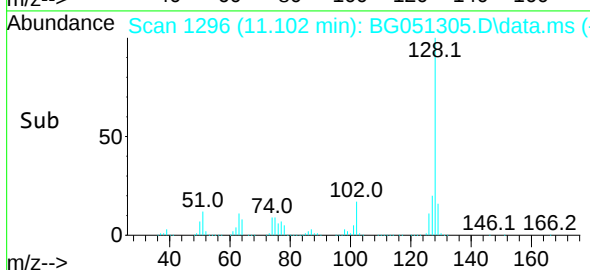
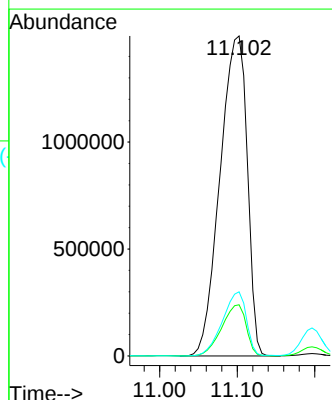
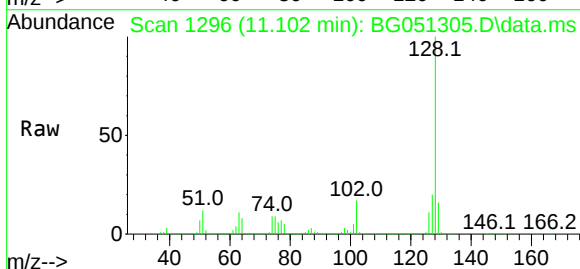
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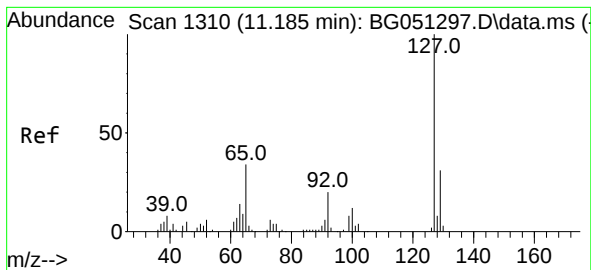
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#30
Naphthalene
Concen: 478.366 ng/ul
RT: 11.102 min Scan# 1296
Delta R.T. 0.026 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

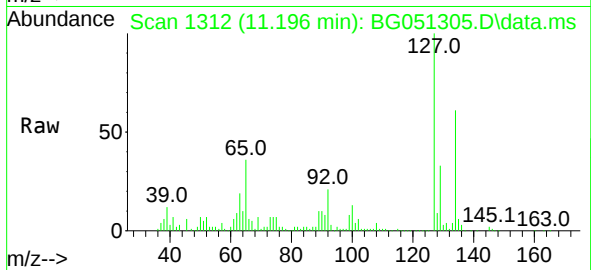
Tgt Ion:128 Resp: 3646464
Ion Ratio Lower Upper
128 100
129 16.0 8.5 12.7#
127 20.0 11.8 17.6#





#32
4-Chloroaniline
Concen: 76.445 ng/ul
RT: 11.196 min Scan# 11196
Delta R.T. 0.009 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

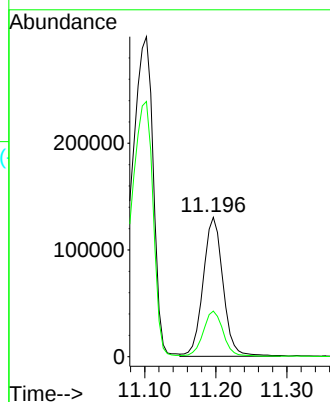
Instrument :
BNA_G
ClientSampleId :
BGKP5



Tgt Ion:127 Resp: 254162
Ion Ratio Lower Upper
127 100
129 32.8 26.2 39.2

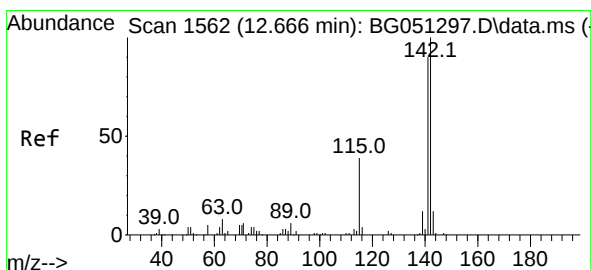
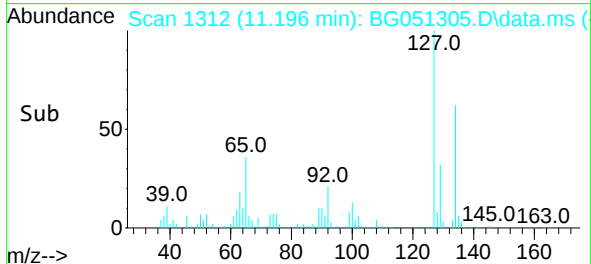
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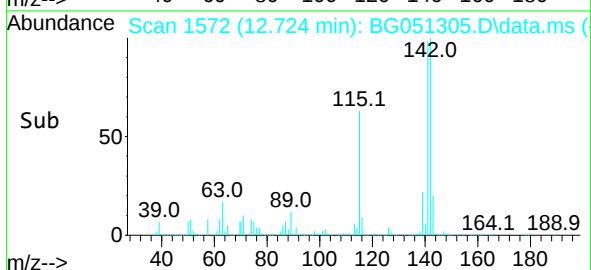
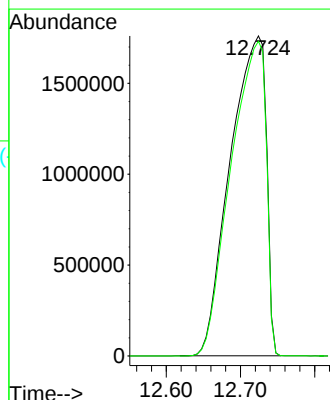
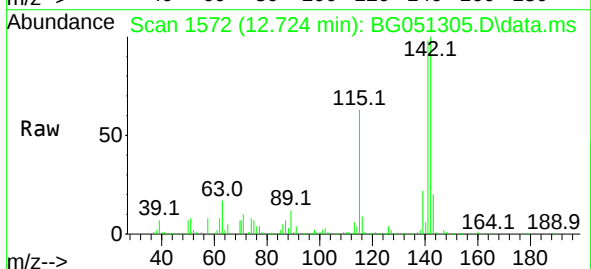
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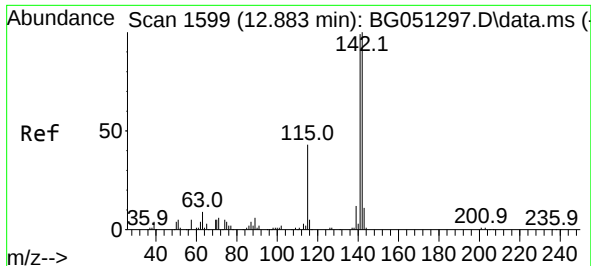
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#36
2-Methylnaphthalene
Concen: 1146.397 ng/ul
RT: 12.724 min Scan# 1572
Delta R.T. 0.056 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

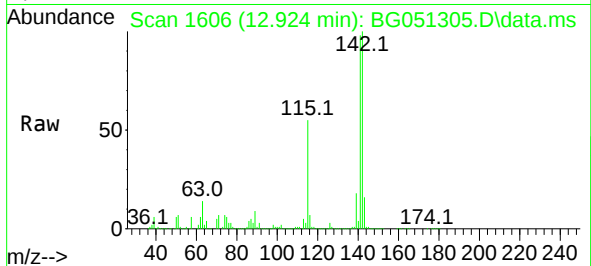
Tgt Ion:142 Resp: 5943944
Ion Ratio Lower Upper
142 100
141 98.4 73.3 109.9





#37
1-Methylnaphthalene
Concen: 550.932 ng/ul
RT: 12.924 min Scan# 1
Delta R.T. 0.038 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

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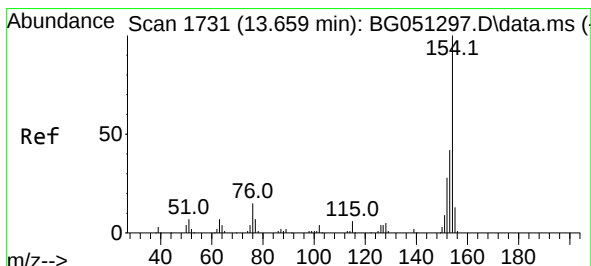
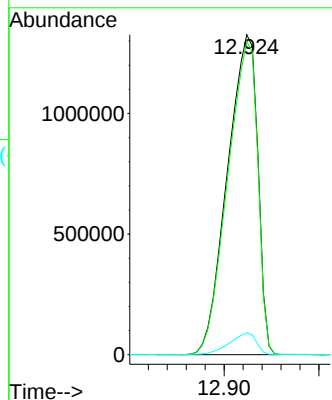
Tgt Ion:142 Resp: 2938834
Ion Ratio Lower Upper
142 100
141 97.9 77.8 116.8
116 6.9 3.3 4.9

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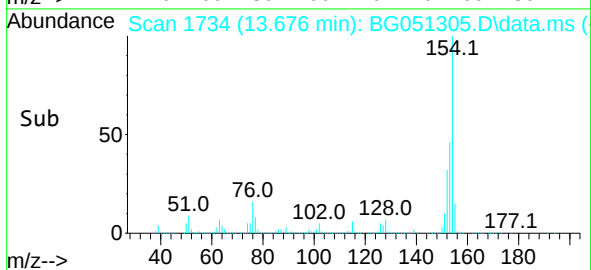
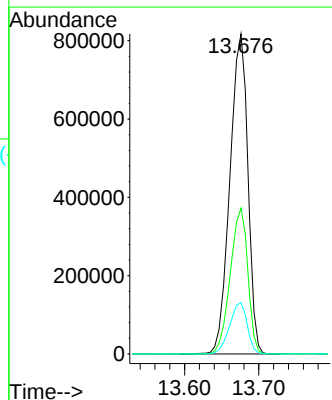
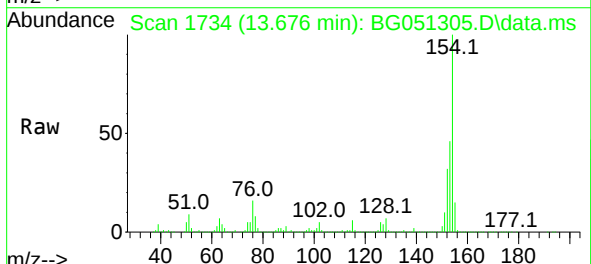
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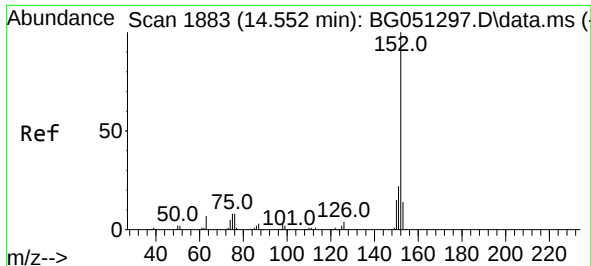
12/05/2021



#43
1,1'-Biphenyl
Concen: 214.610 ng/ul
RT: 13.676 min Scan# 1734
Delta R.T. 0.009 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

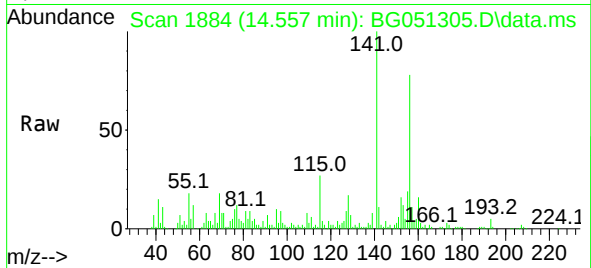
Tgt Ion:154 Resp: 1375709
Ion Ratio Lower Upper
154 100
153 45.5 34.5 51.7
76 16.1 13.1 19.7





#50
Acenaphthylene
Concen: 1.638 ng/ul
RT: 14.557 min Scan# 1883
Delta R.T. -0.003 min
Lab File: BG051305.D
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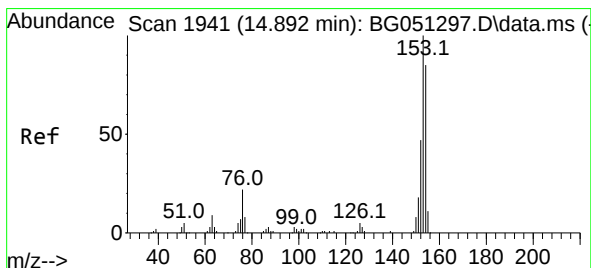
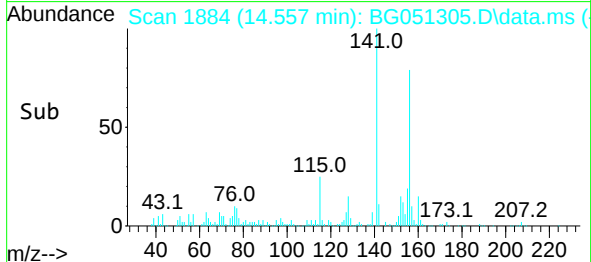
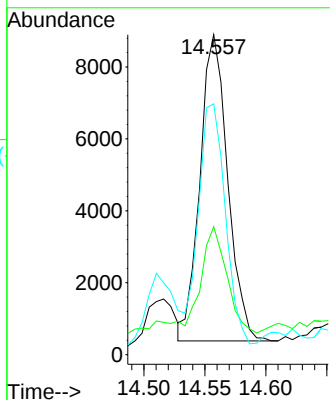
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Ion Ratio Lower Upper
152 100
151 40.0 17.4 26.0
153 78.4 10.3 15.5

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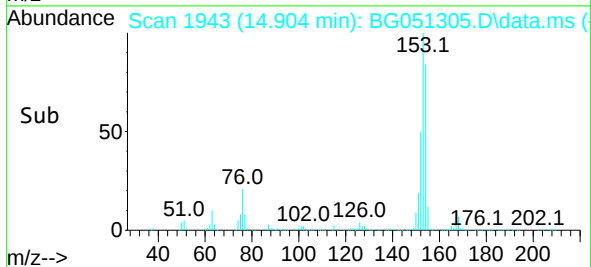
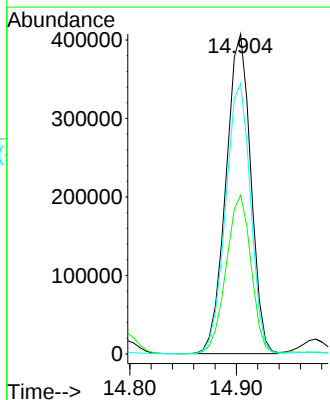
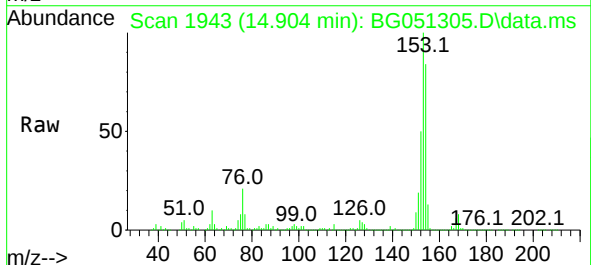
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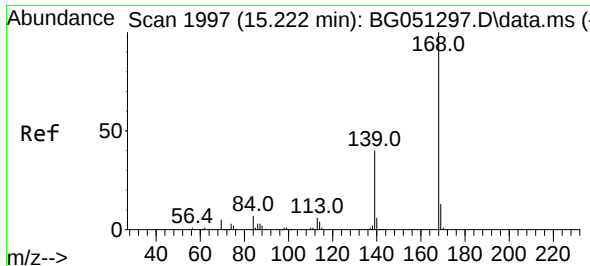
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#52
Acenaphthene
Concen: 121.602 ng/ul
RT: 14.904 min Scan# 1943
Delta R.T. 0.009 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

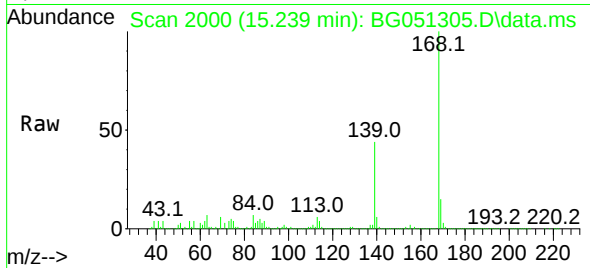
Tgt Ion:153 Resp: 659783
Ion Ratio Lower Upper
153 100
152 49.7 36.5 54.7
154 84.5 65.8 98.6





#56
Dibenzofuran
Concen: 147.662 ng/ul
RT: 15.239 min Scan# 2000
Delta R.T. 0.009 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

Instrument :
BNA_G
ClientSampleId :
BGKP5



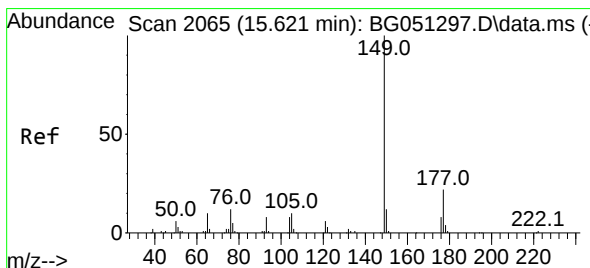
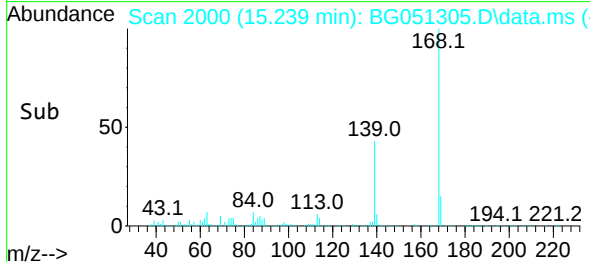
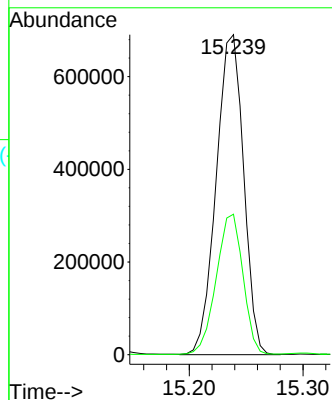
Tgt Ion:168 Resp: 115561
Ion Ratio Lower Upper
168 100
139 43.9 31.2 46.8

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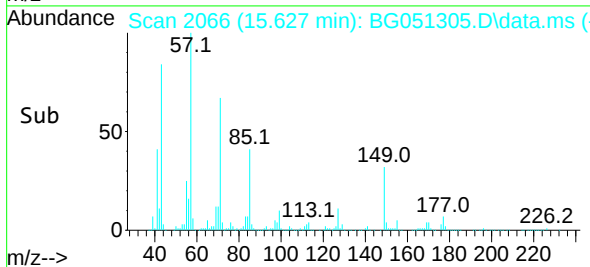
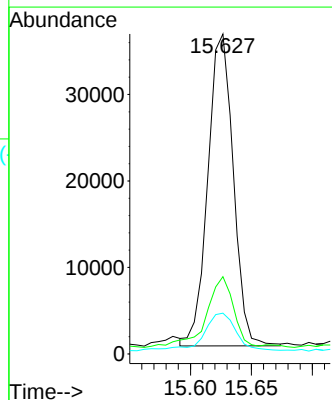
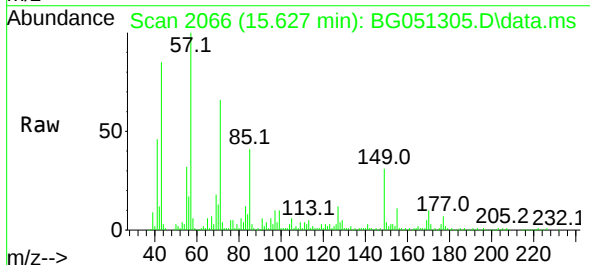
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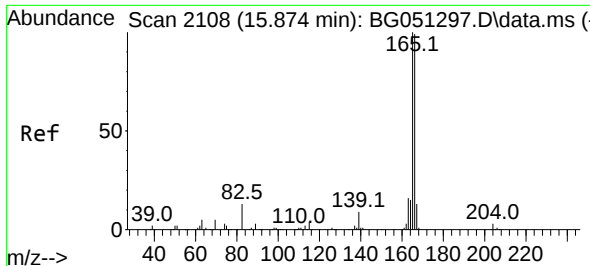
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#59
Diethylphthalate
Concen: 7.476 ng/ul
RT: 15.627 min Scan# 2066
Delta R.T. 0.003 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

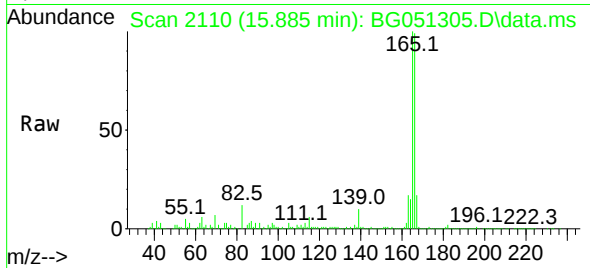
Tgt Ion:149 Resp: 52453
Ion Ratio Lower Upper
149 100
177 24.2 16.8 25.2
150 12.7 10.1 15.1





#61
Fluorene
Concen: 76.079 ng/u1
RT: 15.885 min Scan# 2110
Delta R.T. 0.009 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

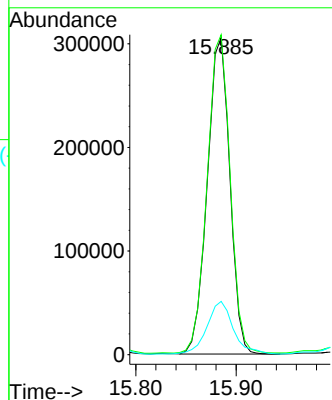
Instrument :
BNA_G
ClientSampleId :
BGKP5



Tgt Ion:166 Resp: 47691
Ion Ratio Lower Upper
166 100
165 100.8 81.0 121.6
167 16.8 11.0 16.4

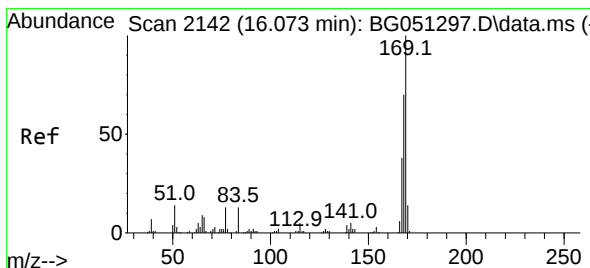
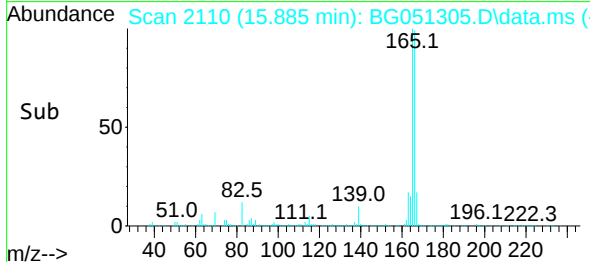
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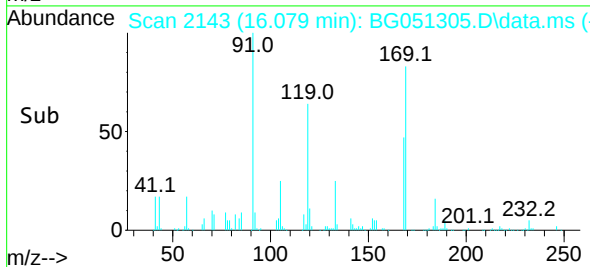
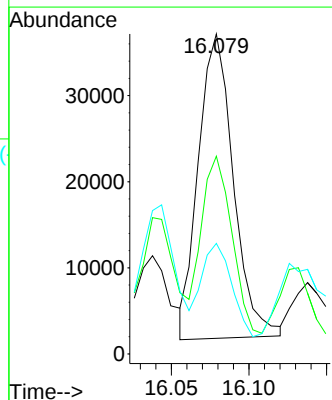
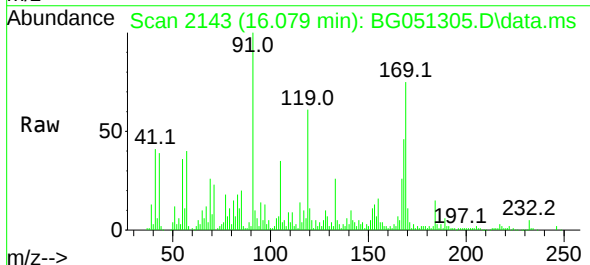
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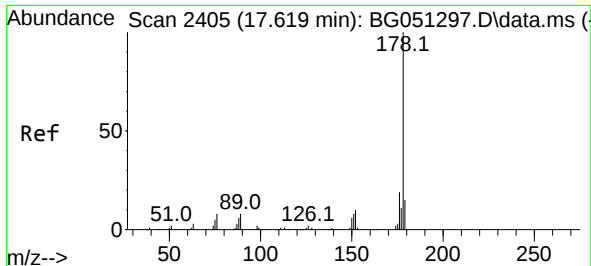
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#67
N-Nitrosodiphenylamine
Concen: 11.978 ng/u1
RT: 16.079 min Scan# 2143
Delta R.T. 0.003 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

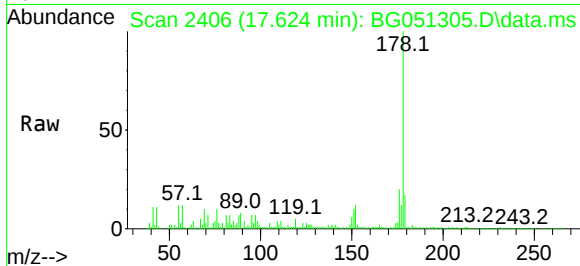
Tgt Ion:169 Resp: 55360
Ion Ratio Lower Upper
169 100
168 61.8 58.5 87.7
167 34.5 31.3 46.9





#72
Phenanthrene
Concen: 32.141 ng/ul
RT: 17.624 min Scan# 2405
Delta R.T. 0.003 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

Instrument :
BNA_G
ClientSampleId :
BGKP5



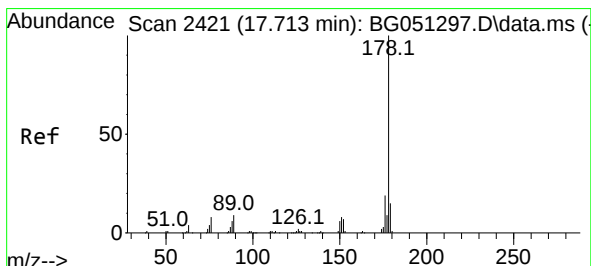
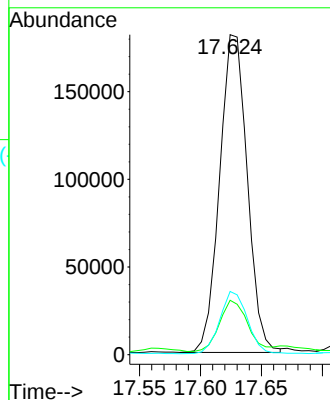
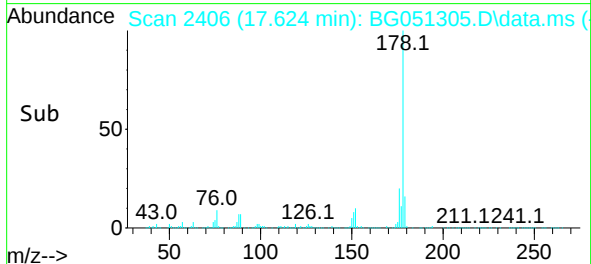
Tgt Ion:178 Resp: 28649
Ion Ratio Lower Upper
178 100
179 17.0 12.3 18.5
176 19.8 15.5 23.3

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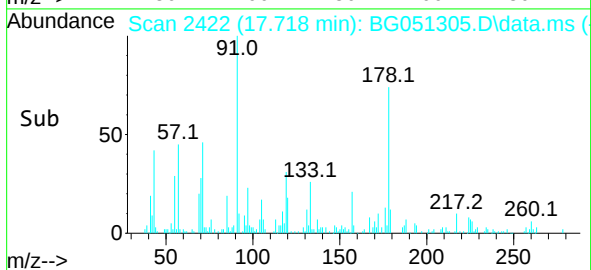
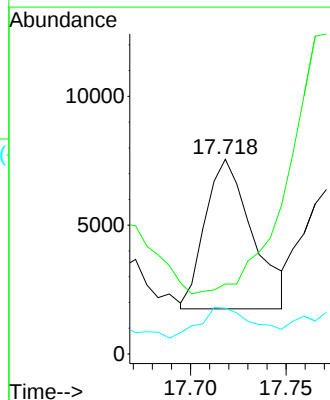
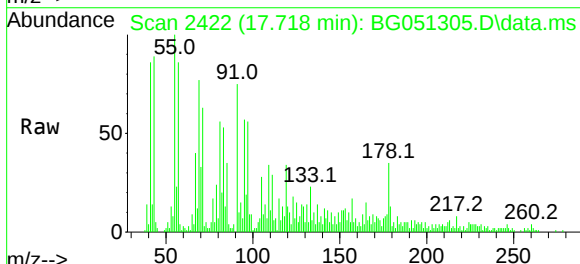
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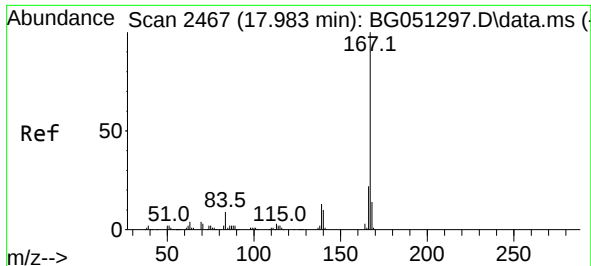
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#74
Anthracene
Concen: 1.130 ng/ul m
RT: 17.718 min Scan# 2422
Delta R.T. 0.003 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

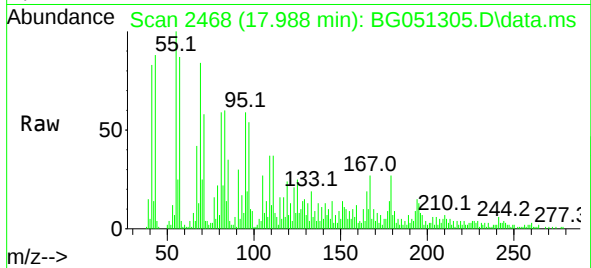
Tgt Ion:178 Resp: 10001
Ion Ratio Lower Upper
178 100
179 35.9 13.0 19.6#
176 23.5 15.6 23.4#





#77
 Carbazole
 Concen: 1.039 ng/ul
 RT: 17.988 min Scan# 2467
 Delta R.T. 0.003 min
 Lab File: BG051305.D
 Acq: 2 Dec 2021 15:37

Instrument :
 BNA_G
 ClientSampleId :
 BGKP5



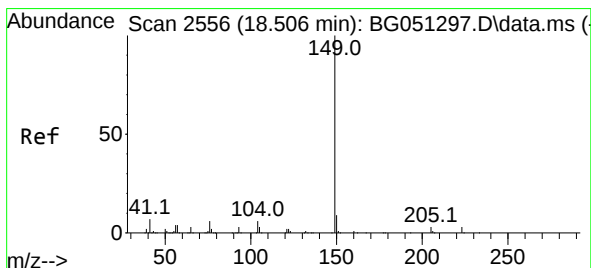
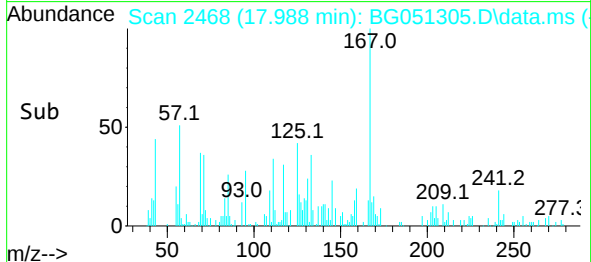
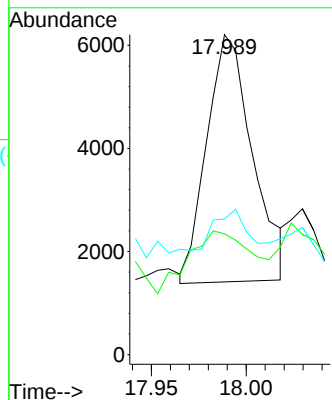
Tgt Ion:167 Resp: 807
 Ion Ratio Lower Upper
 167 100
 166 37.7 17.3 25.9
 139 42.4 10.6 16.0

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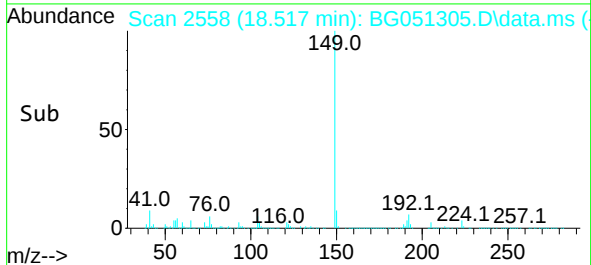
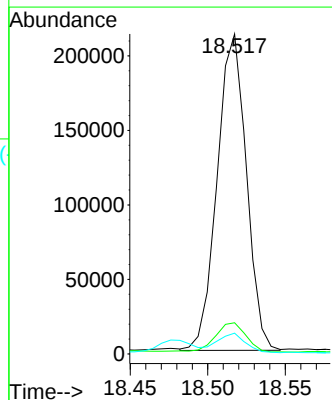
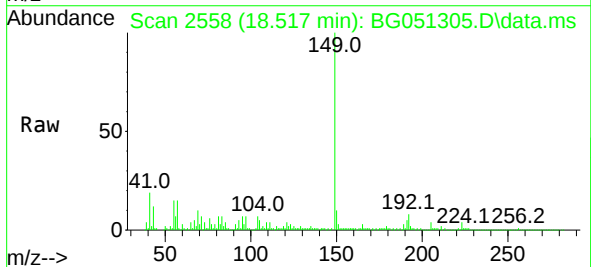
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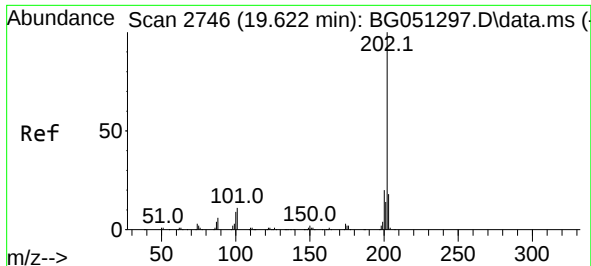
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#78
 Di-n-butylphthalate
 Concen: 27.763 ng/ul
 RT: 18.517 min Scan# 2558
 Delta R.T. 0.003 min
 Lab File: BG051305.D
 Acq: 2 Dec 2021 15:37

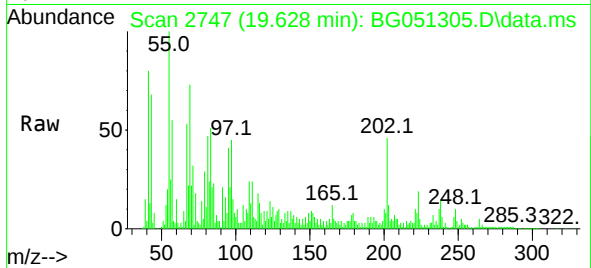
Tgt Ion:149 Resp: 278167
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.5 11.3
 104 6.5 5.0 7.6





#80
Fluoranthene
Concen: 4.884 ng/uI
RT: 19.628 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

Instrument :
BNA_G
ClientSampleId :
BGKP5



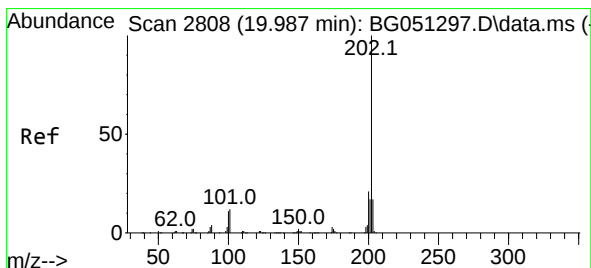
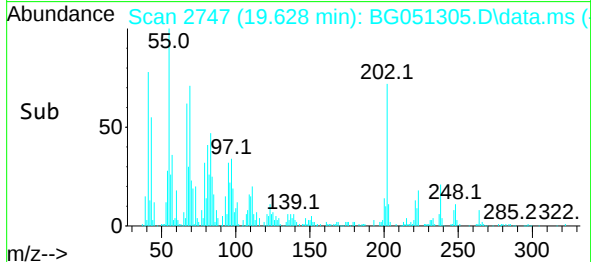
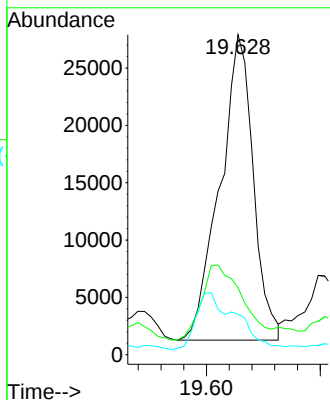
Tgt Ion:202 Resp: 5421
Ion Ratio Lower Upper
202 100
101 21.0 9.3 13.9
100 12.6 7.0 10.6

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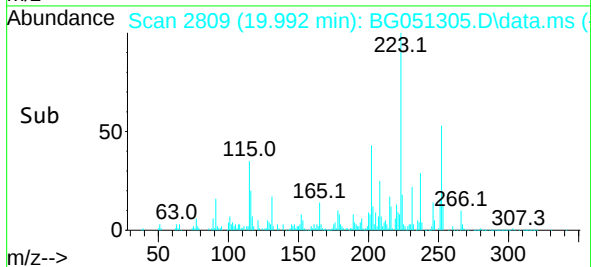
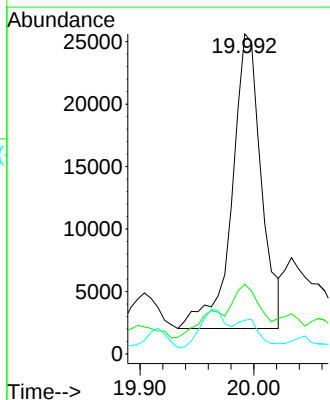
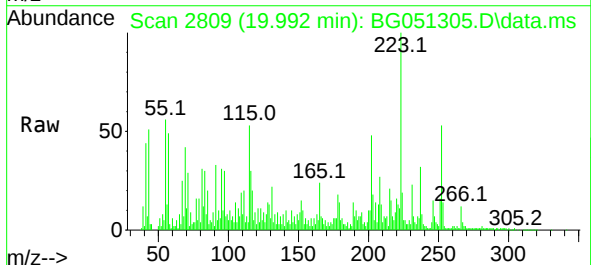
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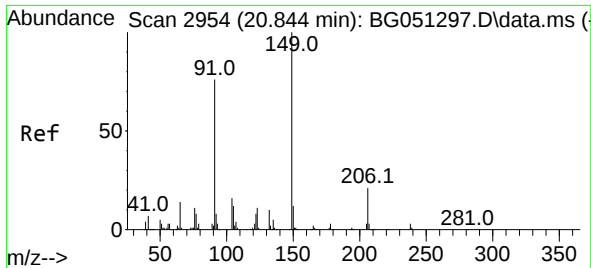
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#82
Pyrene
Concen: 3.894 ng/uI
RT: 19.992 min Scan# 2809
Delta R.T. 0.003 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

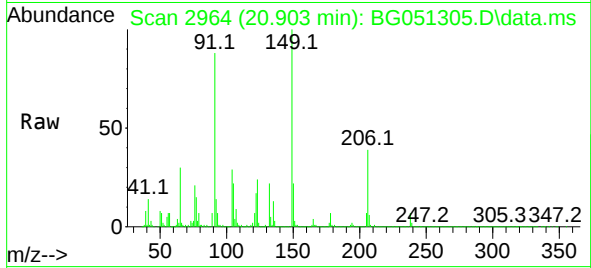
Tgt Ion:202 Resp: 42274
Ion Ratio Lower Upper
202 100
101 21.8 10.7 16.1#
100 10.5 9.0 13.6





#83
Butylbenzylphthalate
Concen: 1192.210 ng/ul
RT: 20.903 min Scan# 2954
Delta R.T. 0.056 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

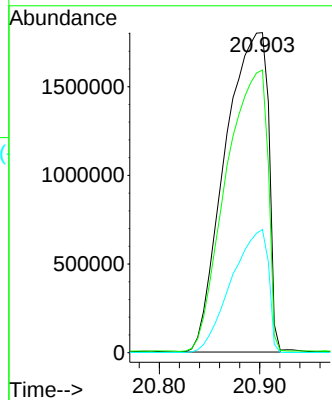
Instrument :
BNA_G
ClientSampleId :
BGKP5



Tgt Ion:149 Resp: 5381430
Ion Ratio Lower Upper
149 100
91 88.4 65.2 97.8
206 38.5 16.2 24.2

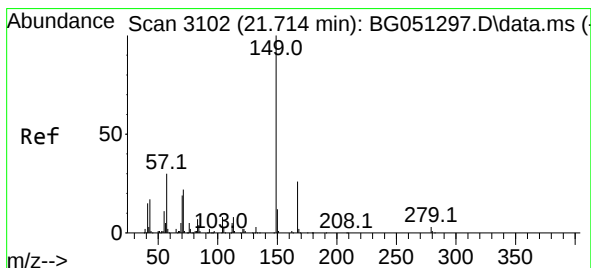
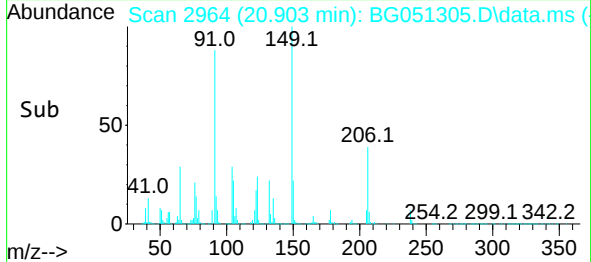
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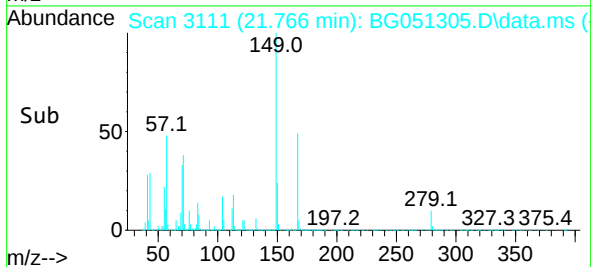
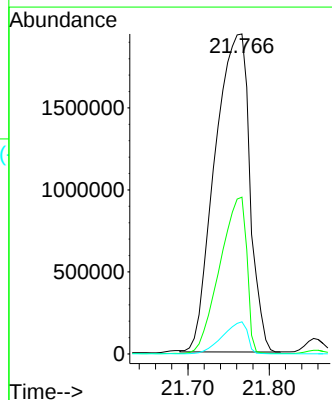
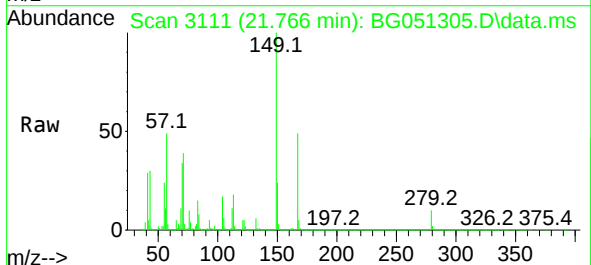
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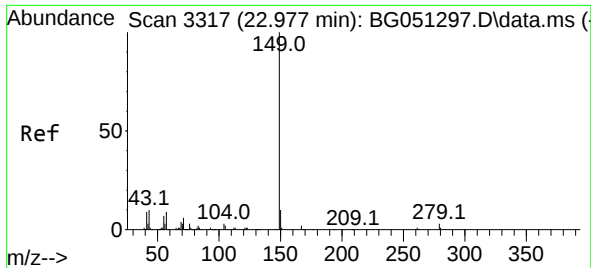
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#86
Bis(2-ethylhexyl)phthalate
Concen: 887.282 ng/ul
RT: 21.766 min Scan# 3111
Delta R.T. 0.044 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

Tgt Ion:149 Resp: 5763205
Ion Ratio Lower Upper
149 100
167 49.0 21.1 31.7#
279 10.1 2.7 4.1#





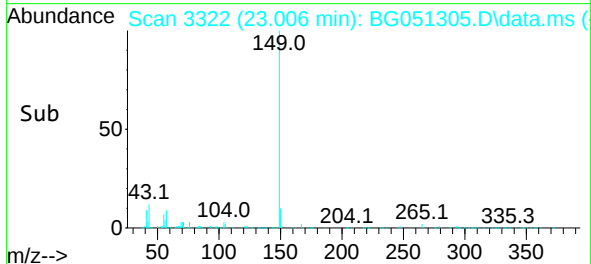
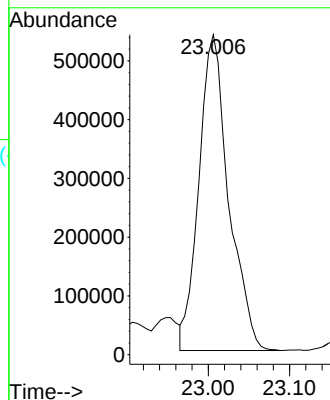
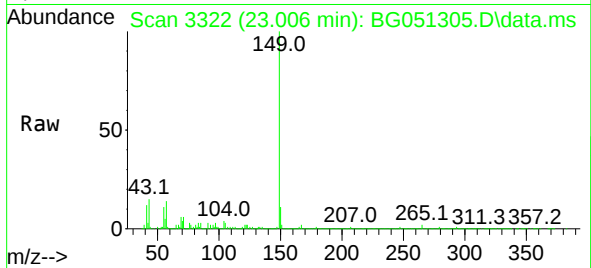
#89
Di-n-octyl phthalate
Concen: 121.369 ng/ul
RT: 23.006 min Scan# 31
Delta R.T. 0.020 min
Lab File: BG051305.D
Acq: 2 Dec 2021 15:37

Instrument :
BNA_G
ClientSampleId :
BGKP5

Tgt Ion:149 Resp: 1365262

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