

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021722\
 Data File : BG052416.D
 Acq On : 17 Feb 2022 11:02
 Operator : CG/JU
 Sample : M4068-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Feb 17 13:47:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 17 11:30:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/18/2022
 Supervised By :Jagrut Upadhyay 02/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	26939	20.000	ng	0.00
21) Naphthalene-d8	11.059	136	109576	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	81134	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	201782	20.000	ng	0.00
76) Chrysene-d12	21.932	240	218092	20.000	ng	0.00
86) Perylene-d12	25.392	264	221593	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.754	112	166281	107.578	ng	0.00
7) Phenol-d6	7.370	99	236414	99.130	ng	0.00
23) Nitrobenzene-d5	9.396	82	177276	70.313	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	125020	107.256	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	422366	72.336	ng	0.00
79) Terphenyl-d14	20.211	244	863470	69.914	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.587	88	5933	8.336	ng	87
3) Pyridine	3.998	79	16400	7.945	ng	95
4) n-Nitrosodimethylamine	3.904	42	8843	8.297	ng	# 70
6) Aniline	7.534	93	27341	9.868	ng	93
8) 2-Chlorophenol	7.781	128	14966	8.802	ng	99
9) Benzaldehyde	7.346	77	16057	10.968	ng	94
10) Phenol	7.393	94	20892	8.817	ng	97
11) bis(2-Chloroethyl)ether	7.622	93	16355	9.030	ng	98
12) 1,3-Dichlorobenzene	8.110	146	17472	9.018	ng	99
13) 1,4-Dichlorobenzene	8.263	146	17611	8.917	ng	95
14) 1,2-Dichlorobenzene	8.586	146	17126	8.793	ng	94
15) Benzyl Alcohol	8.457	79	17147	8.663	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.744	45	22468	8.590	ng	95
17) 2-Methylphenol	8.662	107	14553	9.307	ng	# 84
18) Hexachloroethane	9.326	117	6304	9.180	ng	96
19) n-Nitroso-di-n-propyla...	9.026	70	16106	8.958	ng	# 91
20) 3+4-Methylphenols	8.991	107	19720	8.815	ng	90
22) Acetophenone	9.050	105	23189	8.007	ng	# 99
24) Nitrobenzene	9.438	77	23205	9.703	ng	93
25) Isophorone	9.960	82	43465	10.132	ng	98
26) 2-Nitrophenol	10.160	139	9043	8.921	ng	# 87
27) 2,4-Dimethylphenol	10.213	122	15688	10.453	ng	96
28) bis(2-Chloroethoxy)met...	10.442	93	22991	9.443	ng	99
29) 2,4-Dichlorophenol	10.706	162	16262	9.040	ng	96
30) 1,2,4-Trichlorobenzene	10.924	180	20058	9.548	ng	91
31) Naphthalene	11.112	128	56402	9.818	ng	98
32) Benzoic acid	10.330	122	10048m	11.399	ng	
33) 4-Chloroaniline	11.212	127	23500	9.798	ng	97
34) Hexachlorobutadiene	11.400	225	13250	9.340	ng	95
35) Caprolactam	11.946	113	4672	7.126	ng	# 84
36) 4-Chloro-3-methylphenol	12.328	107	19422	9.490	ng	87
37) 2-Methylnaphthalene	12.710	142	41722	9.779	ng	98
38) 1-Methylnaphthalene	12.927	142	40840	9.878	ng	# 95
40) 1,2,4,5-Tetrachloroben...	13.074	216	22869	8.570	ng	95
41) Hexachlorocyclopentadiene	13.050	237	8982	7.972	ng	89
43) 2,4,6-Trichlorophenol	13.303	196	15272	8.750	ng	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.385	196	16767	8.865	ng	95
46) 1,1'-Biphenyl	13.702	154	49804	8.371	ng	99
47) 2-Chloronaphthalene	13.749	162	45583	9.945	ng	98
48) 2-Nitroaniline	13.943	65	14896	9.128	ng	91
49) Acenaphthylene	14.589	152	76978	10.317	ng	98
50) Dimethylphthalate	14.307	163	59092	9.507	ng	97
51) 2,6-Dinitrotoluene	14.425	165	13277	9.899	ng	91
52) Acenaphthene	14.930	154	47357m	9.691	ng	
53) 3-Nitroaniline	14.760	138	13201	9.469	ng	90
54) 2,4-Dinitrophenol	14.971	184	6229	8.566	ng	# 82
55) Dibenzofuran	15.265	168	74250	9.662	ng	99
56) 4-Nitrophenol	15.077	139	12171	11.625	ng	# 81
57) 2,4-Dinitrotoluene	15.218	165	19298	10.109	ng	91
58) Fluorene	15.911	166	61532	10.030	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.488	232	14664	8.116	ng	# 95
60) Diethylphthalate	15.664	149	59812	9.526	ng	99
61) 4-Chlorophenyl-phenyle...	15.893	204	32773	9.378	ng	94
62) 4-Nitroaniline	15.917	138	14106	9.611	ng	# 85
63) Azobenzene	16.187	77	61437	9.559	ng	96
65) 4,6-Dinitro-2-methylph...	15.982	198	8368	6.894	ng	96
66) n-Nitrosodiphenylamine	16.111	169	54767	9.851	ng	92
67) 4-Bromophenyl-phenylether	16.792	248	22809	9.295	ng	95
68) Hexachlorobenzene	16.927	284	26610	9.998	ng	96
69) Atrazine	17.045	200	18232	8.111	ng	91
70) Pentachlorophenol	17.274	266	11152m	8.565	ng	
71) Phenanthrene	17.656	178	105717	10.163	ng	98
72) Anthracene	17.750	178	104468	10.249	ng	98
73) Carbazole	18.014	167	96690	9.726	ng	99
74) Di-n-butylphthalate	18.555	149	110453	10.197	ng	# 98
75) Fluoranthene	19.659	202	138294	10.441	ng	100
77) Benzidine	19.829	184	44093	9.462	ng	99
78) Pyrene	20.023	202	141268	9.680	ng	98
80) Butylbenzylphthalate	20.893	149	46942	9.260	ng	91
81) Benzo(a)anthracene	21.909	228	140353	9.725	ng	98
82) 3,3'-Dichlorobenzidine	21.809	252	40572	8.053	ng	# 97
83) Chrysene	21.979	228	129727	9.486	ng	99
84) Bis(2-ethylhexyl)phtha...	21.785	149	68321	9.720	ng	100
85) Di-n-octyl phthalate	23.078	149	114760	9.738	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.387	276	149119	9.196	ng	99
88) Benzo(b)fluoranthene	24.282	252	141143m	10.221	ng	
89) Benzo(k)fluoranthene	24.358	252	137414	10.074	ng	99
90) Benzo(a)pyrene	25.234	252	131715	11.292	ng	95
91) Dibenzo(a,h)anthracene	29.446	278	131576	9.822	ng	# 98
92) Benzo(g,h,i)perylene	30.638	276	128423	9.769	ng	# 92

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

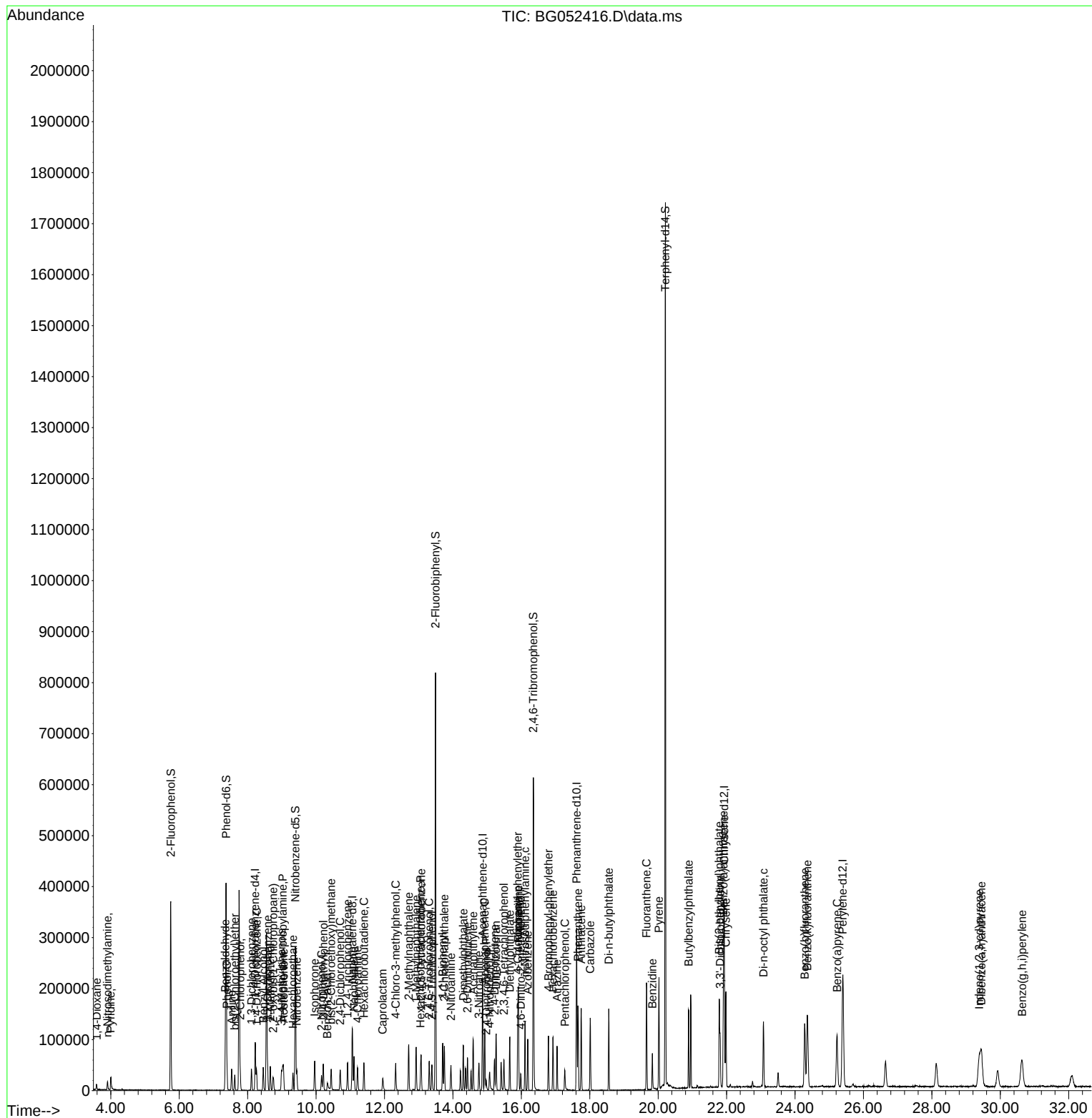
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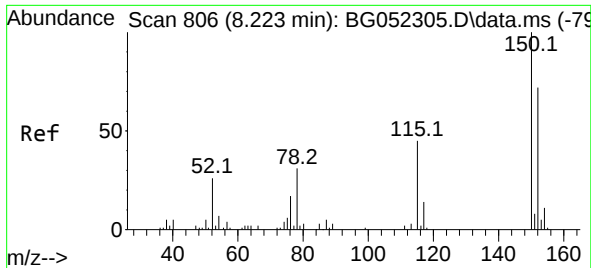
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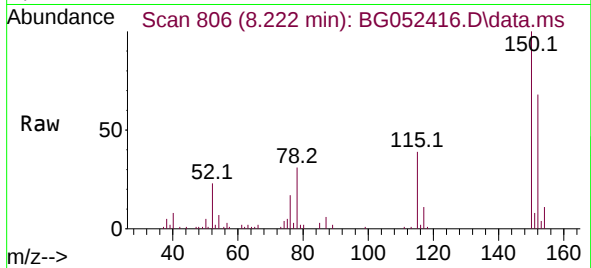
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

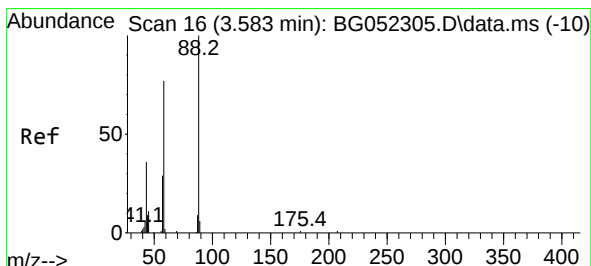
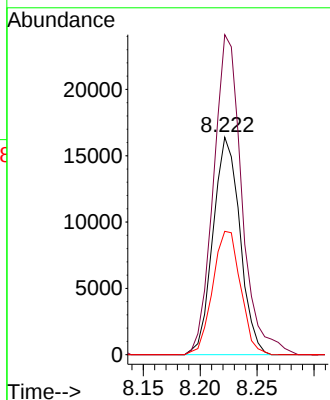
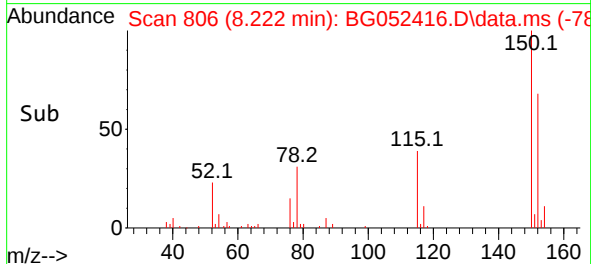
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



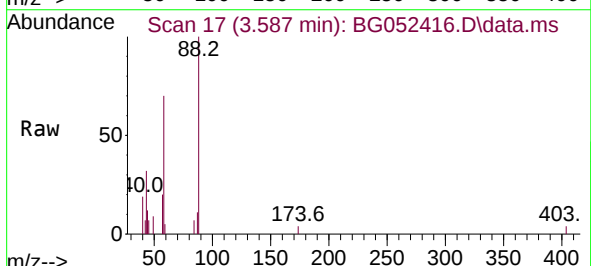
Tgt Ion:152 Resp: 26939
Ion Ratio Lower Upper
152 100
150 147.2 117.8 176.8
115 56.8 50.2 75.2

Manual Integrations
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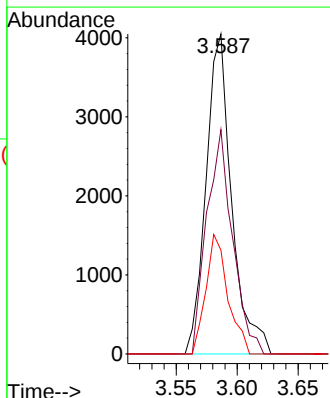
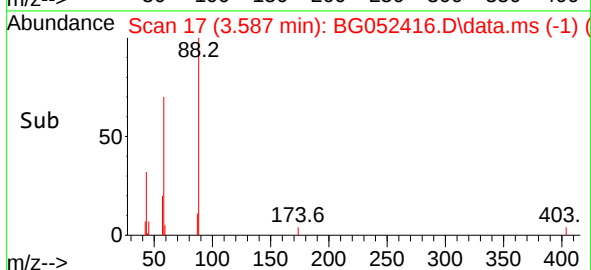
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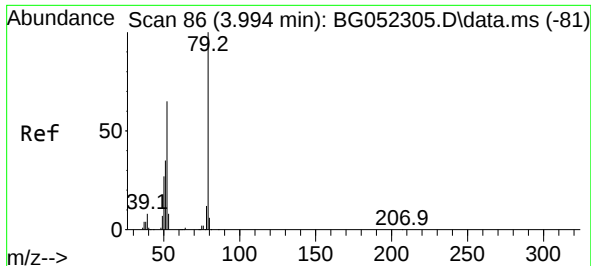


#2
1,4-Dioxane
Concen: 8.336 ng
RT: 3.587 min Scan# 17
Delta R.T. 0.004 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02



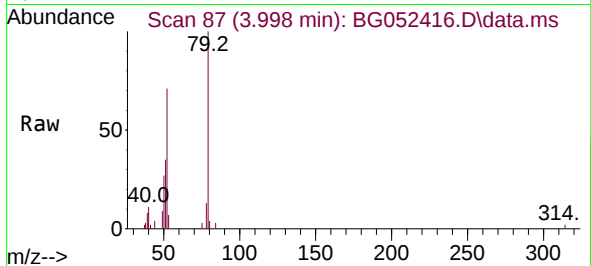
Tgt Ion: 88 Resp: 5933
Ion Ratio Lower Upper
88 100
58 70.6 65.8 98.8
43 32.1 31.6 47.4





#3
 Pyridine
 Concen: 7.945 ng
 RT: 3.998 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: BG052416.D
 Acq: 17 Feb 2022 11:02

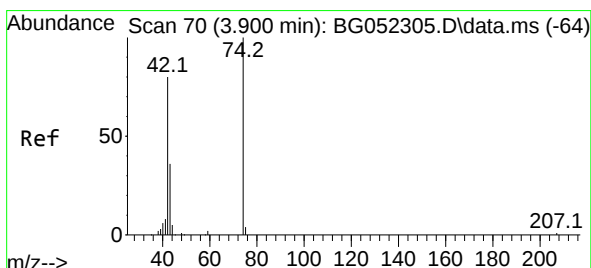
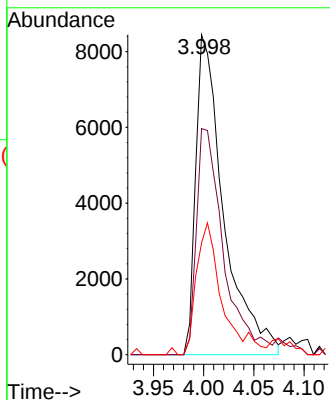
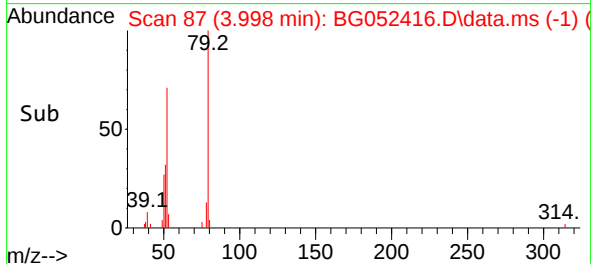
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion: 79 Resp: 16400
 Ion Ratio Lower Upper
 79 100
 52 70.6 55.0 82.6
 51 34.9 32.5 48.7

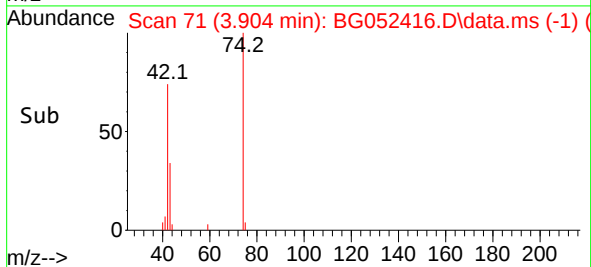
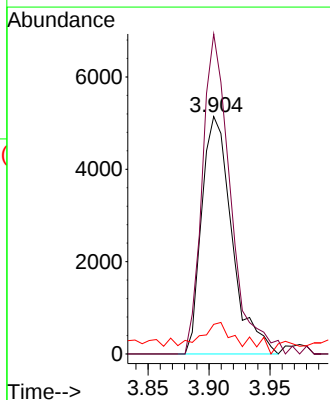
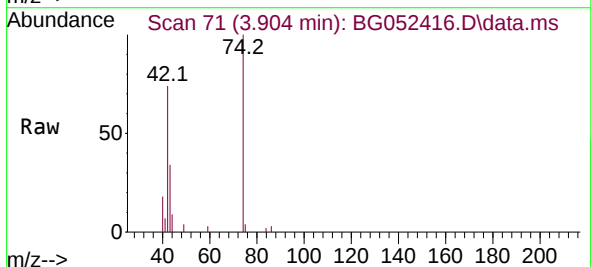
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#4
 n-Nitrosodimethylamine
 Concen: 8.297 ng
 RT: 3.904 min Scan# 71
 Delta R.T. 0.004 min
 Lab File: BG052416.D
 Acq: 17 Feb 2022 11:02

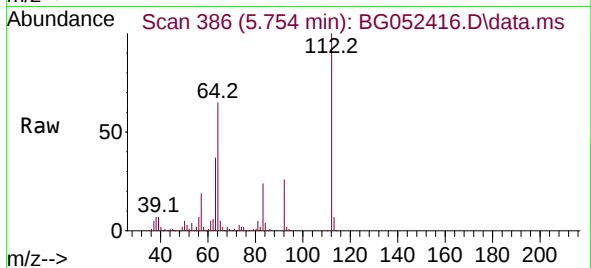
Tgt Ion: 42 Resp: 8843
 Ion Ratio Lower Upper
 42 100
 74 134.7 83.0 124.4#
 44 12.4 5.0 7.6#





#5
2-Fluorophenol
Concen: 107.578 ng
RT: 5.754 min Scan# 385
Delta R.T. 0.004 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

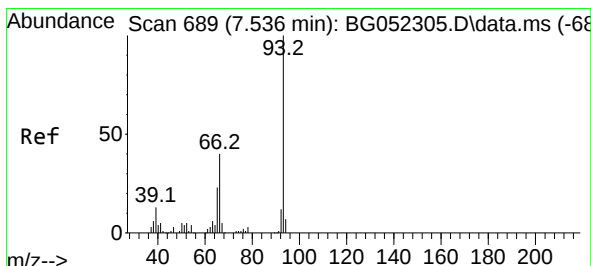
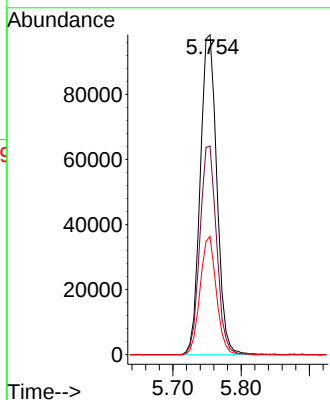
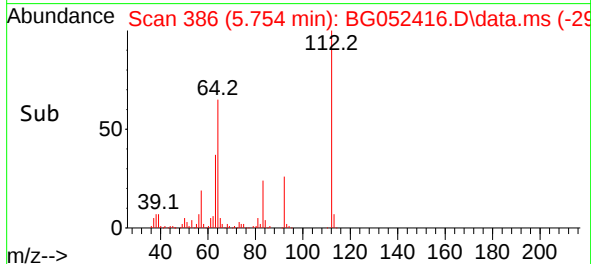
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 112 Resp: 16628
Ion Ratio Lower Upper
112 100
64 65.2 60.4 90.6
63 37.0 33.3 49.9

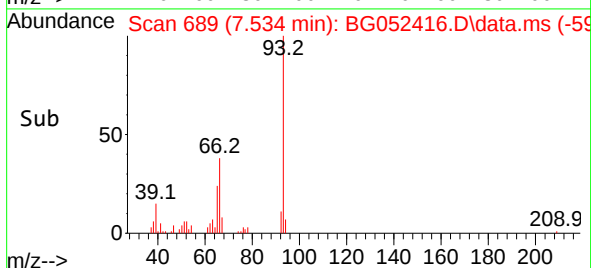
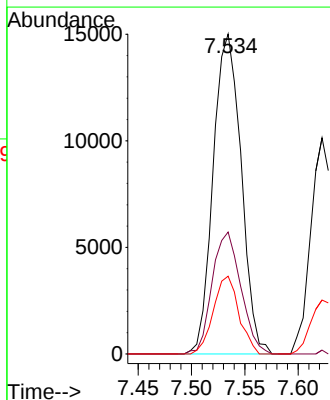
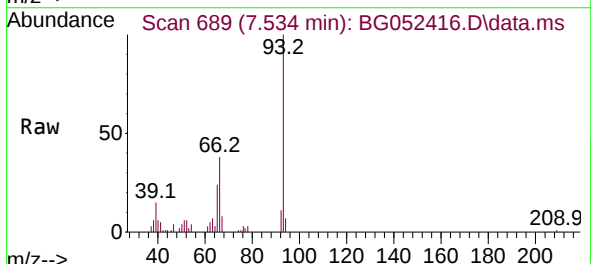
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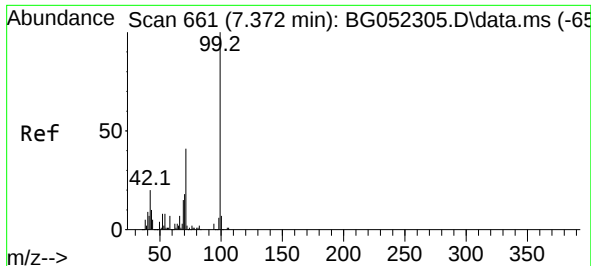
Reviewed By :Christian Giraldo 02/18/2022
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#6
Aniline
Concen: 9.868 ng
RT: 7.534 min Scan# 689
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

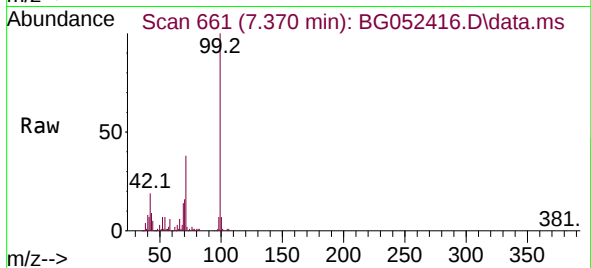
Tgt Ion: 93 Resp: 27341
Ion Ratio Lower Upper
93 100
66 38.1 34.3 51.5
65 24.3 17.6 26.4





#7
Phenol-d6
Concen: 99.130 ng
RT: 7.370 min Scan# 661
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

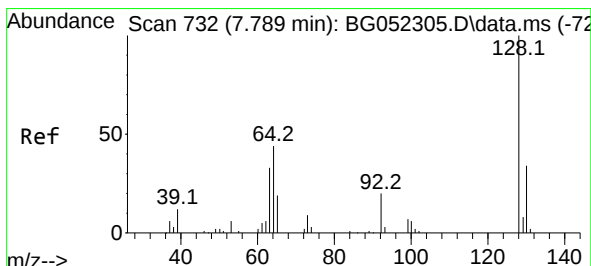
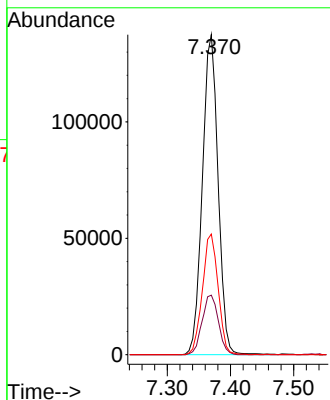
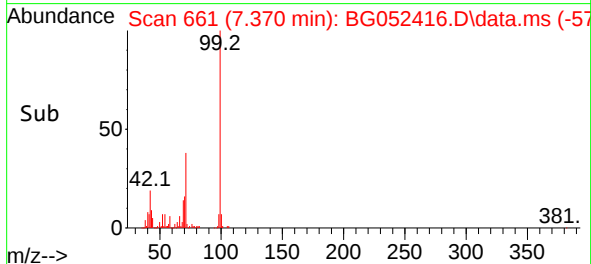
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LOQ-WATER-02-QT4-2021



Tgt Ion: 99 Resp: 236414
Ion Ratio Lower Upper
99 100
42 18.6 19.1 28.7
71 37.7 33.4 50.2

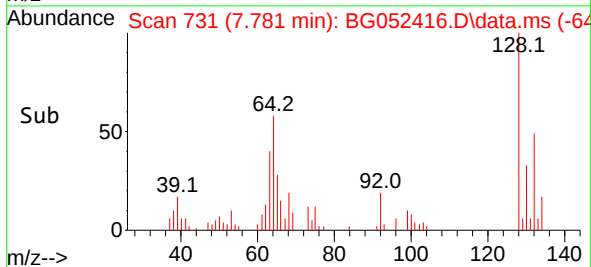
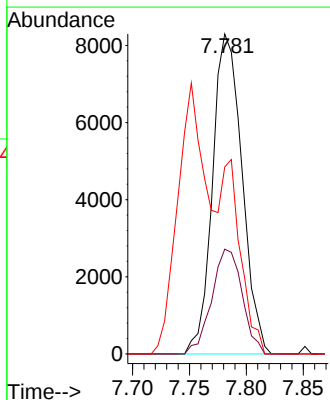
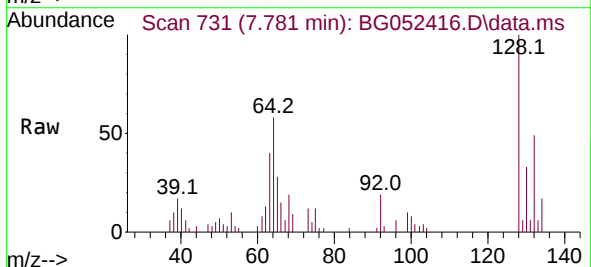
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#8
2-Chlorophenol
Concen: 8.802 ng
RT: 7.781 min Scan# 731
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

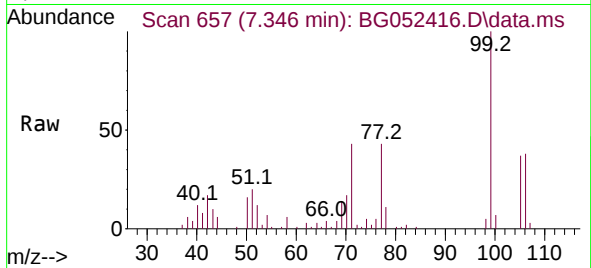
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Ion Ratio Lower Upper
128 100
130 32.8 13.6 53.6
64 58.4 37.8 77.8





#9
Benzaldehyde
Concen: 10.968 ng
RT: 7.346 min Scan# 610
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

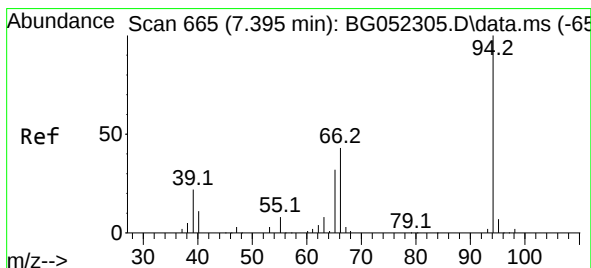
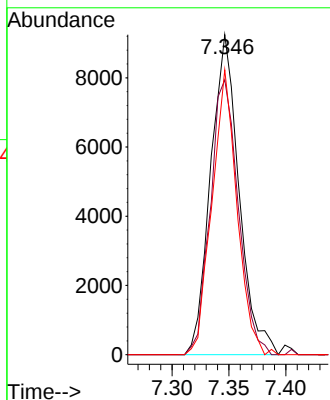
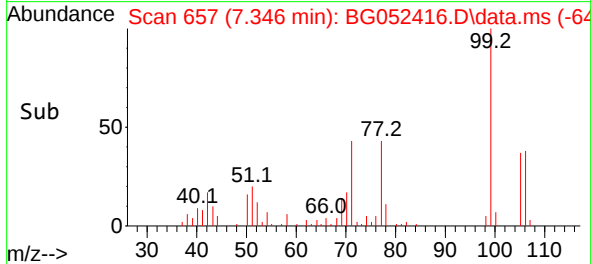
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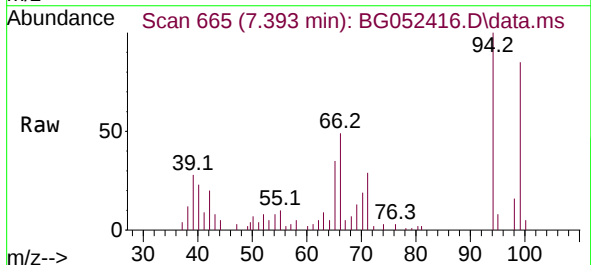
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Ion Ratio Lower Upper
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106 89.0 58.1 98.1

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APPROVED

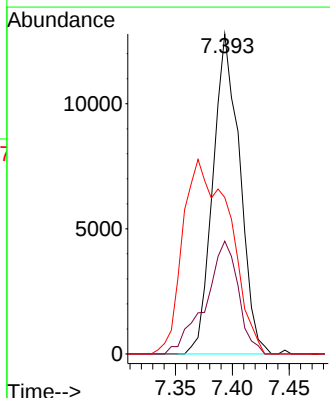
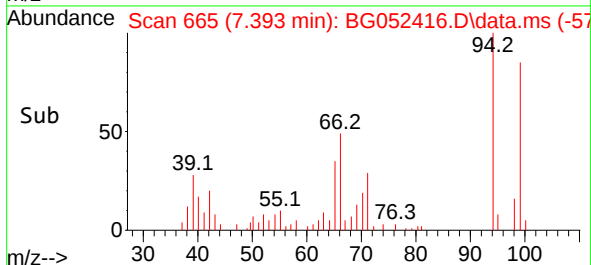
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

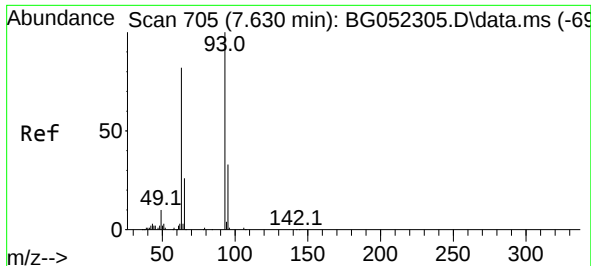


#10
Phenol
Concen: 8.817 ng
RT: 7.393 min Scan# 665
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02



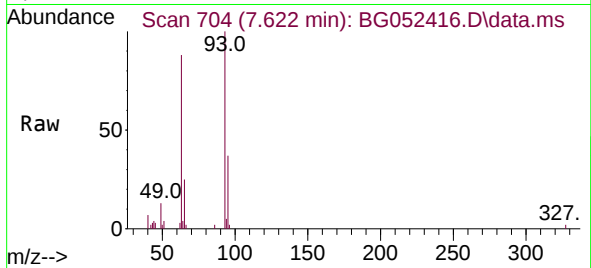
Tgt Ion: 94 Resp: 20892
Ion Ratio Lower Upper
94 100
65 35.3 14.1 54.1
66 48.9 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 9.030 ng
RT: 7.622 min Scan# 704
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

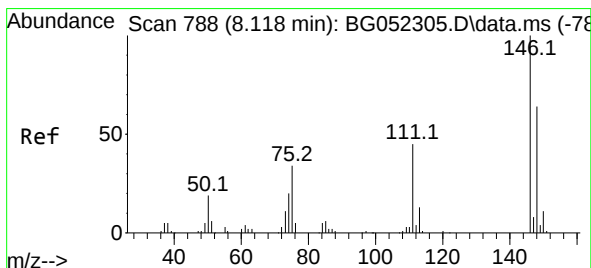
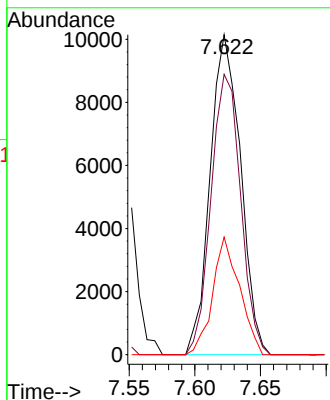
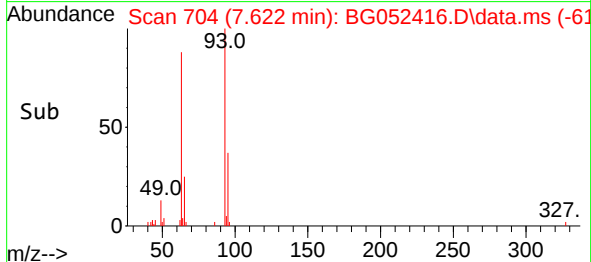
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 93 Resp: 1635
Ion Ratio Lower Upper
93 100
63 87.6 67.1 107.1
95 36.7 13.0 53.0

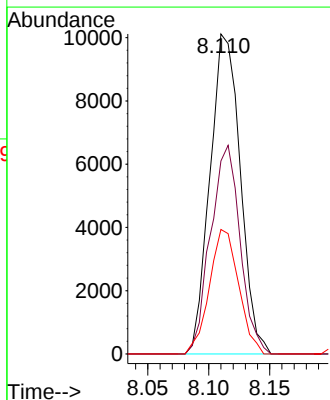
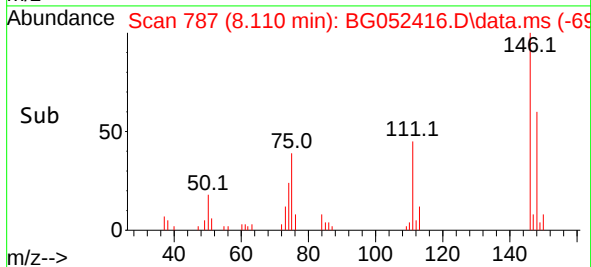
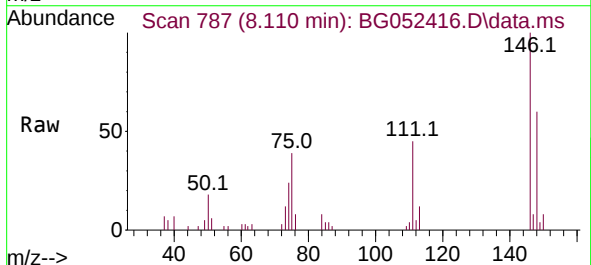
Manual Integrations
APPROVED

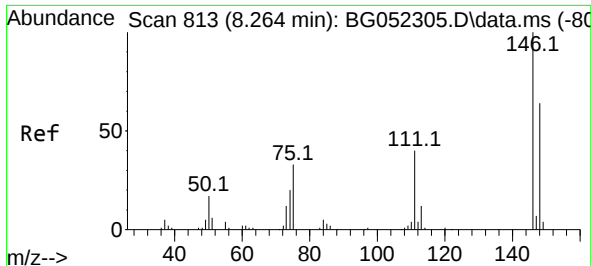
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#12
1,3-Dichlorobenzene
Concen: 9.018 ng
RT: 8.110 min Scan# 787
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Tgt Ion:146 Resp: 17472
Ion Ratio Lower Upper
146 100
148 60.3 49.1 73.7
75 38.9 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 8.917 ng

RT: 8.263 min Scan# 813

Delta R.T. -0.002 min

Lab File: BG052416.D

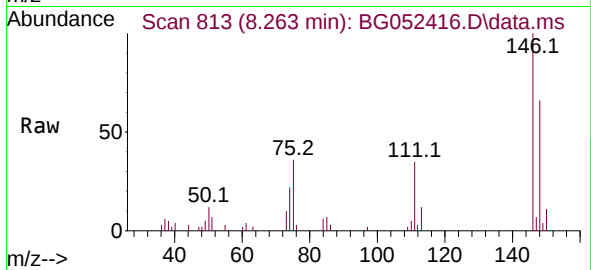
Acq: 17 Feb 2022 11:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2021



Tgt Ion:146 Resp: 1761

Ion Ratio Lower Upper

146 100

148 65.9 52.6 78.8

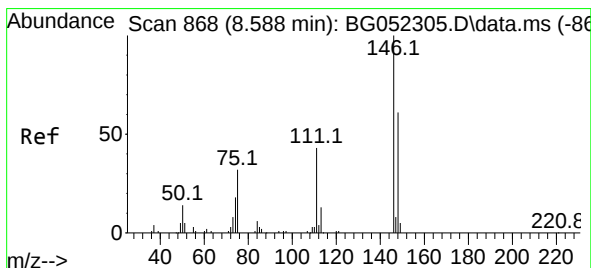
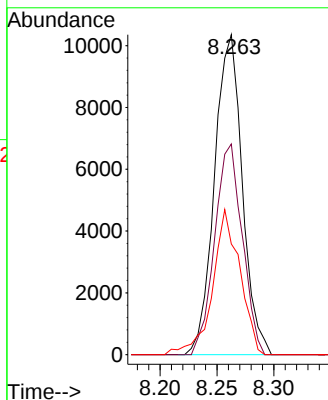
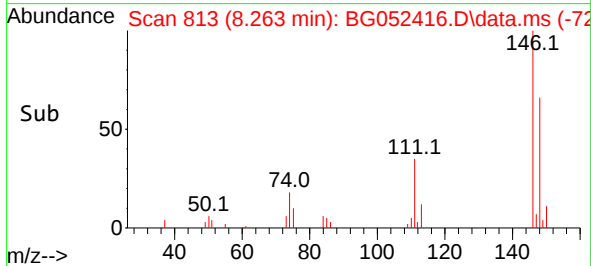
111 34.6 33.8 50.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/18/2022

Supervised By :Jagrut Upadhyay 02/18/2022



#14

1,2-Dichlorobenzene

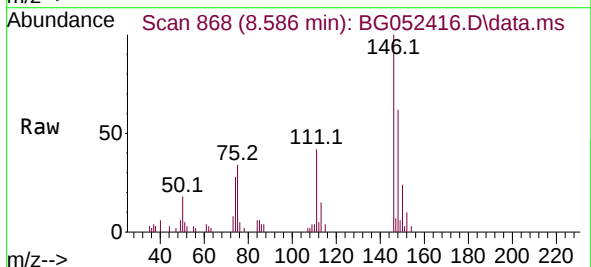
Concen: 8.793 ng

RT: 8.586 min Scan# 868

Delta R.T. -0.002 min

Lab File: BG052416.D

Acq: 17 Feb 2022 11:02



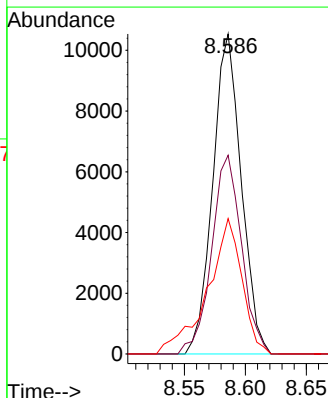
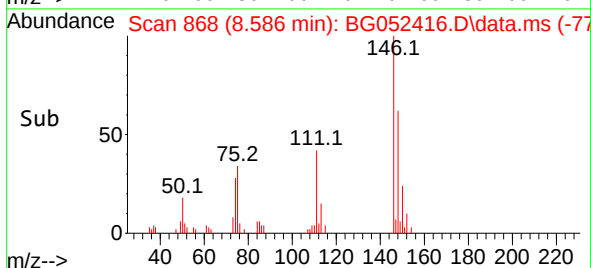
Tgt Ion:146 Resp: 17126

Ion Ratio Lower Upper

146 100

148 62.1 46.5 69.7

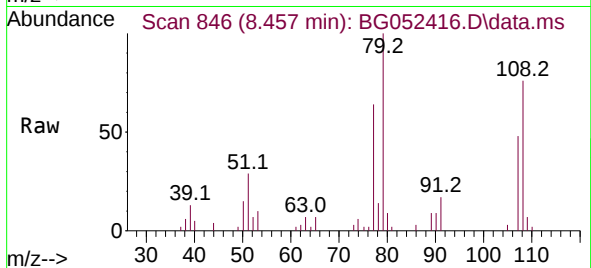
111 42.3 37.0 55.4





#15
Benzyl Alcohol
Concen: 8.663 ng
RT: 8.457 min Scan# 846
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

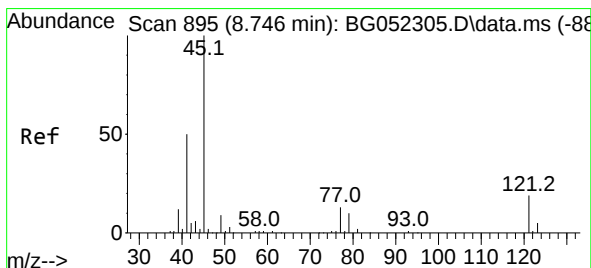
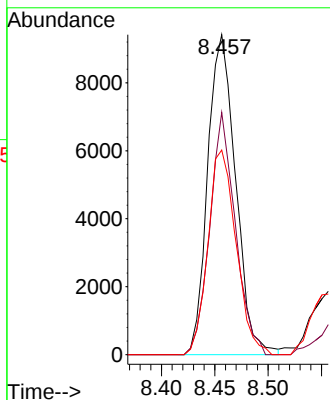
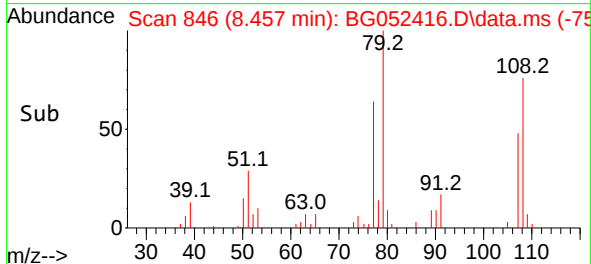
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 79 Resp: 1714
Ion Ratio Lower Upper
79 100
108 75.7 53.8 80.6
77 64.0 54.4 81.6

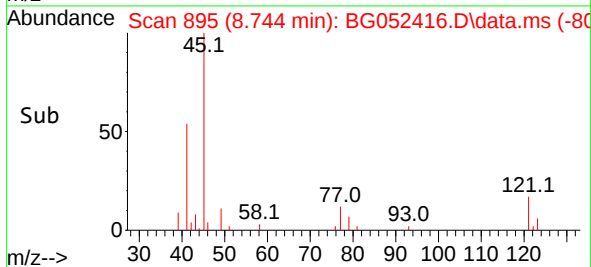
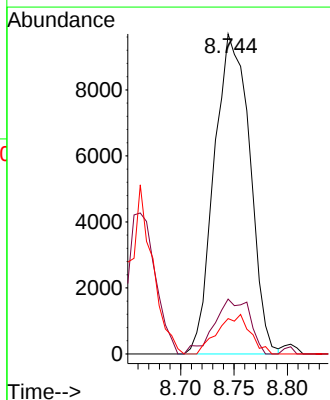
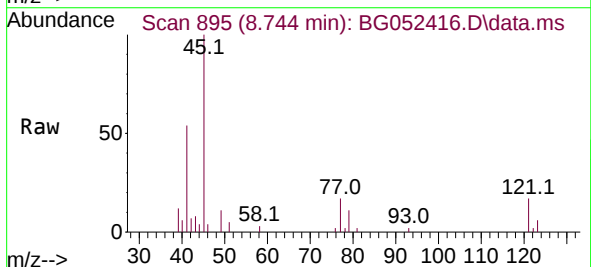
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.590 ng
RT: 8.744 min Scan# 895
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

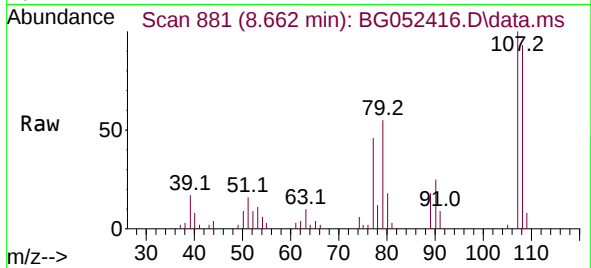
Tgt Ion: 45 Resp: 22468
Ion Ratio Lower Upper
45 100
77 17.1 0.0 33.8
79 11.1 0.0 31.1





#17
2-Methylphenol
Concen: 9.307 ng
RT: 8.662 min Scan# 881
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

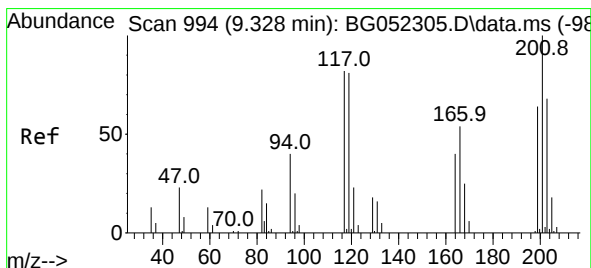
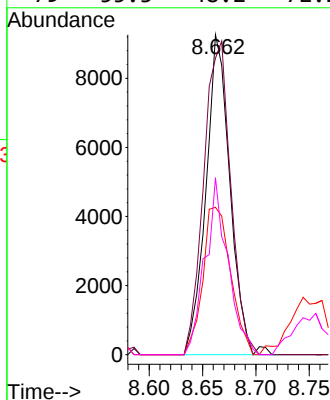
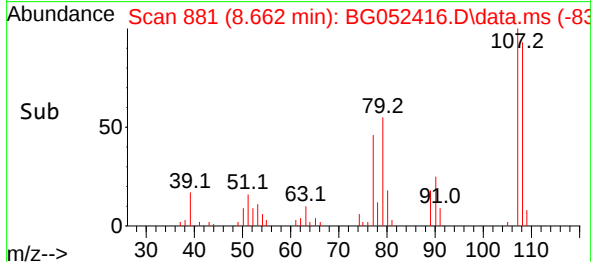
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:107 Resp: 1455
Ion Ratio Lower Upper
107 100
108 92.6 90.3 135.5
77 46.1 49.0 73.6
79 55.3 48.2 72.2

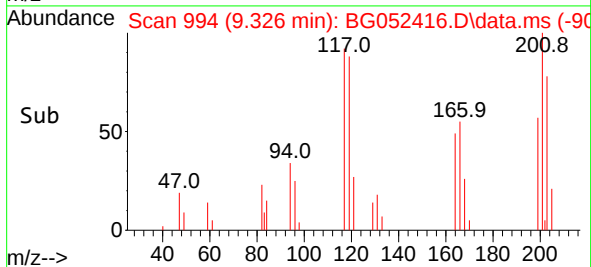
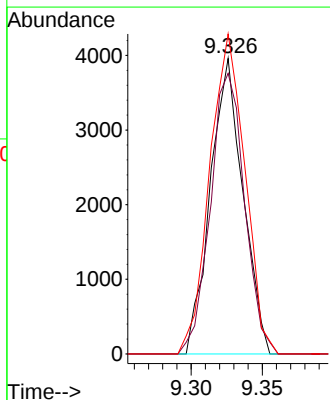
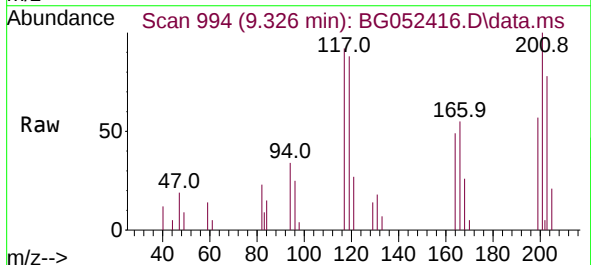
Manual Integrations
APPROVED

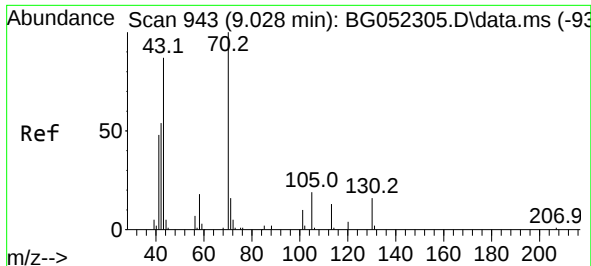
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#18
Hexachloroethane
Concen: 9.180 ng
RT: 9.326 min Scan# 994
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

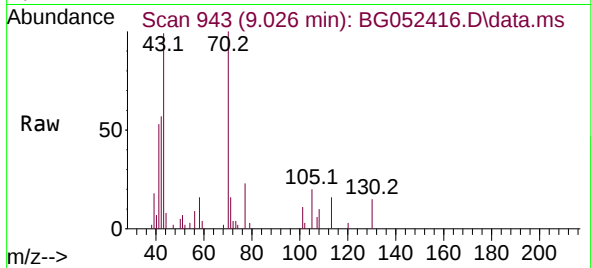
Tgt Ion:117 Resp: 6304
Ion Ratio Lower Upper
117 100
119 94.9 73.5 110.3
201 108.3 91.0 136.6





#19
n-Nitroso-di-n-propylamine
Concen: 8.958 ng
RT: 9.026 min Scan# 943
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

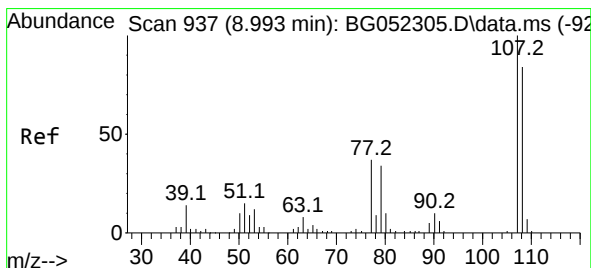
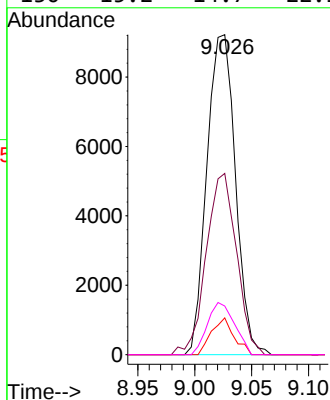
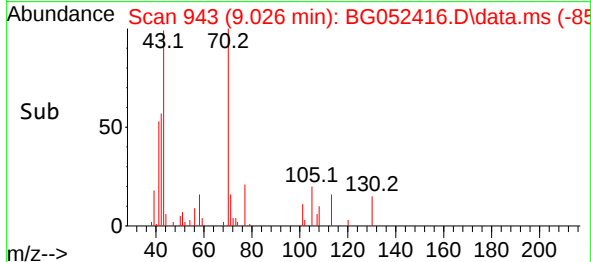
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 70 Resp: 16100
Ion Ratio Lower Upper
70 100
42 56.7 51.8 77.6
101 11.5 6.6 10.0
130 15.2 14.7 22.1

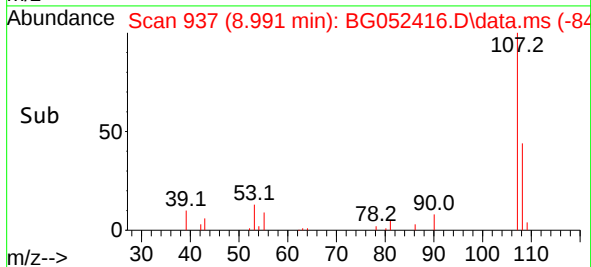
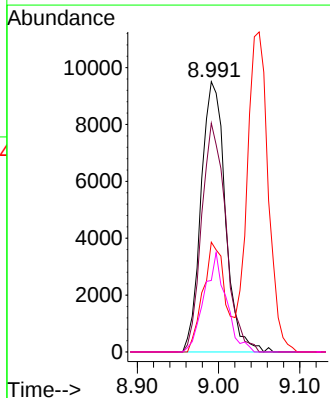
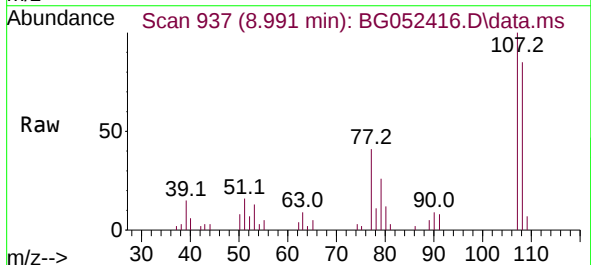
Manual Integrations
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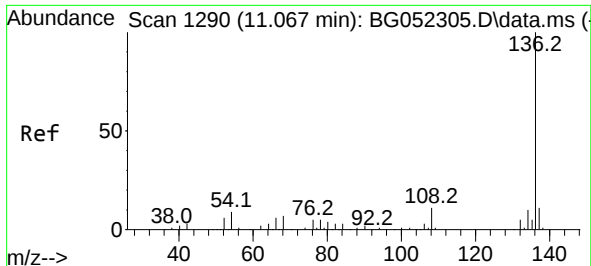
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#20
3+4-Methylphenols
Concen: 8.815 ng
RT: 8.991 min Scan# 937
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

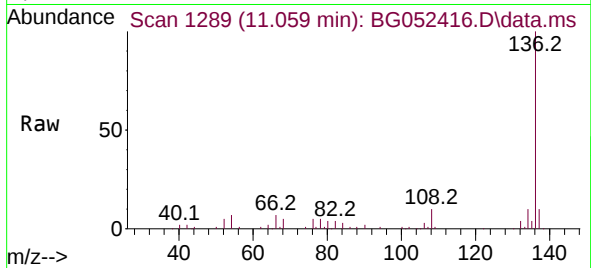
Tgt Ion:107 Resp: 19720
Ion Ratio Lower Upper
107 100
108 84.6 71.9 111.9
77 40.6 24.6 64.6
79 26.5 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.059 min Scan# 1290
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

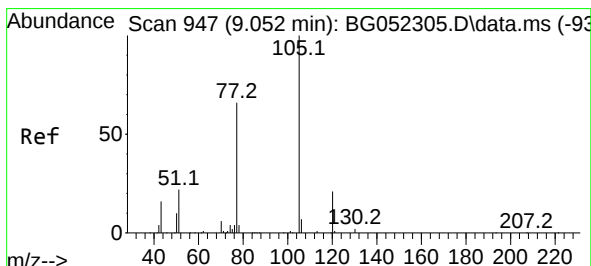
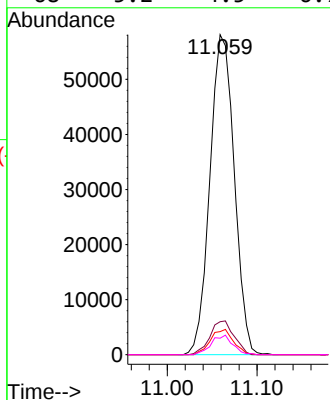
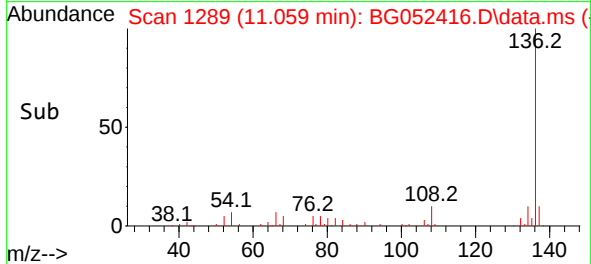
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:136 Resp: 109570
Ion Ratio Lower Upper
136 100
137 10.3 9.1 13.7
54 7.2 8.3 12.5
68 5.2 4.5 6.7

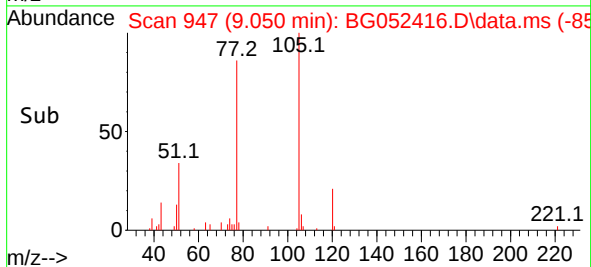
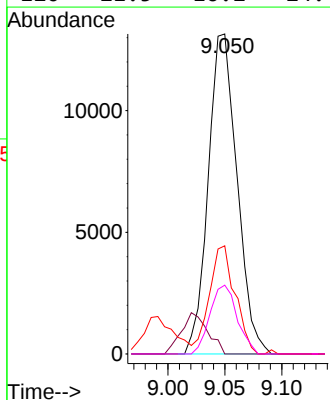
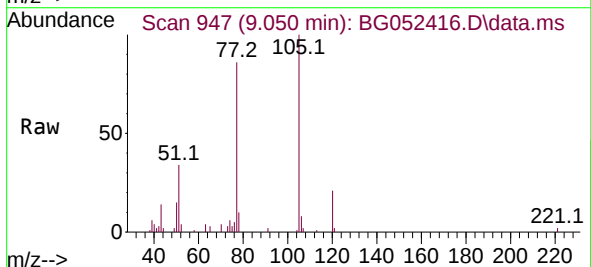
Manual Integrations
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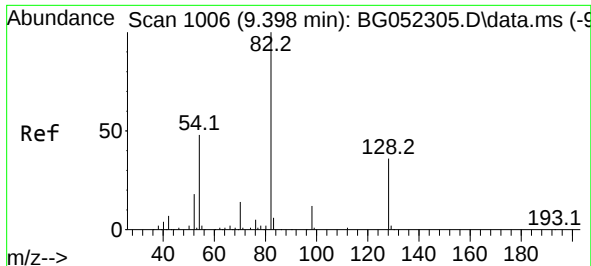
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#22
Acetophenone
Concen: 8.007 ng
RT: 9.050 min Scan# 947
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Tgt Ion:105 Resp: 23189
Ion Ratio Lower Upper
105 100
71 0.0 1.8 2.6#
51 33.8 27.0 40.4
120 21.5 16.2 24.4





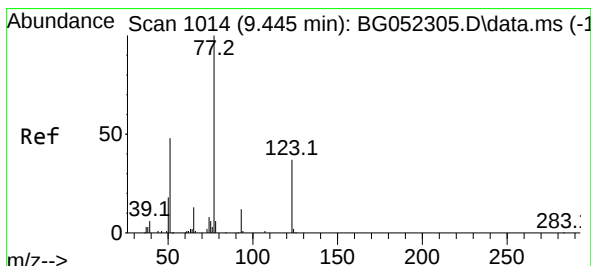
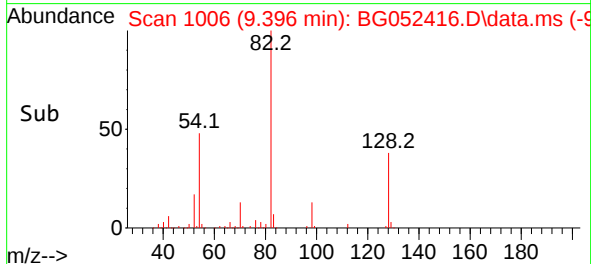
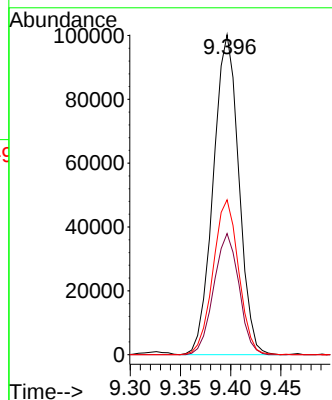
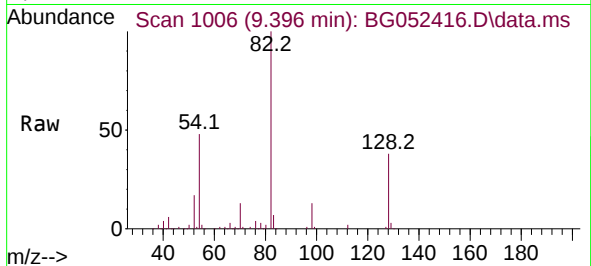
#23
Nitrobenzene-d5
Concen: 70.313 ng
RT: 9.396 min Scan# 1006
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 82 Resp: 177270
Ion Ratio Lower Upper
82 100
128 37.9 27.0 40.4
54 48.4 41.0 61.6

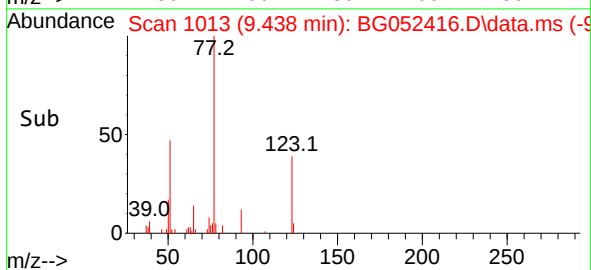
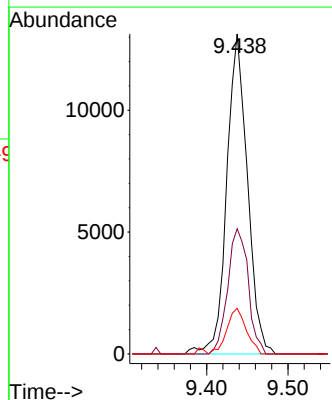
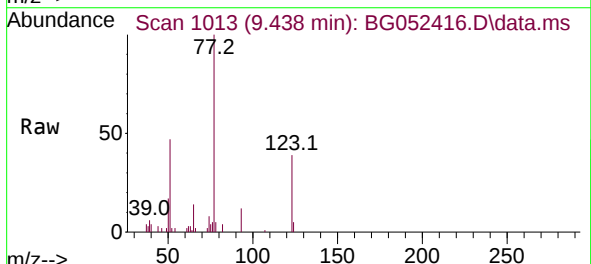
Manual Integrations
APPROVED

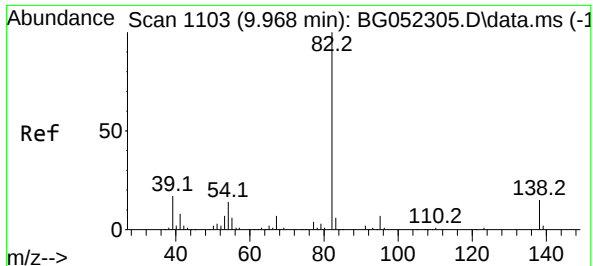
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#24
Nitrobenzene
Concen: 9.703 ng
RT: 9.438 min Scan# 1013
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Tgt Ion: 77 Resp: 23205
Ion Ratio Lower Upper
77 100
123 39.1 27.1 40.7
65 14.2 11.2 16.8





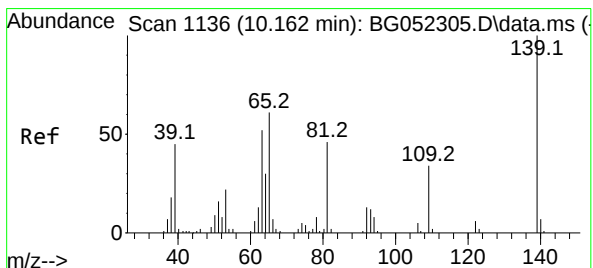
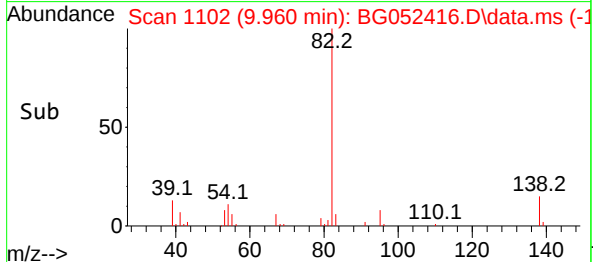
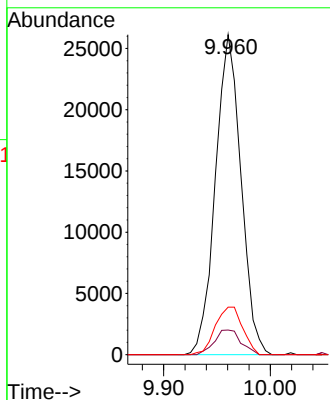
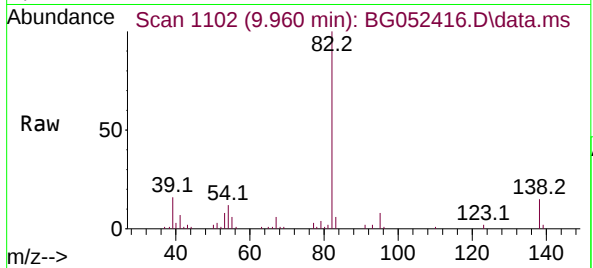
#25
Isophorone
Concen: 10.132 ng
RT: 9.960 min Scan# 1103
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 82 Resp: 4346
Ion Ratio Lower Upper
82 100
95 7.7 6.6 9.8
138 14.9 12.5 18.7

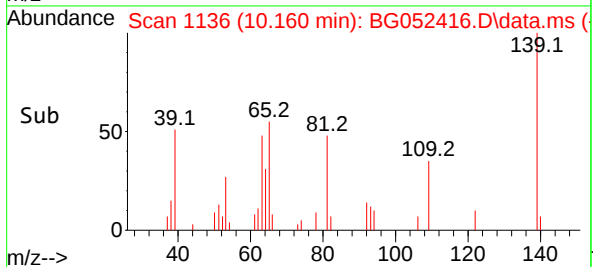
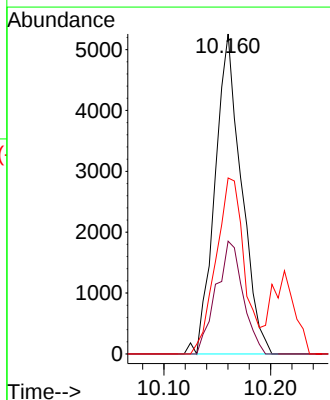
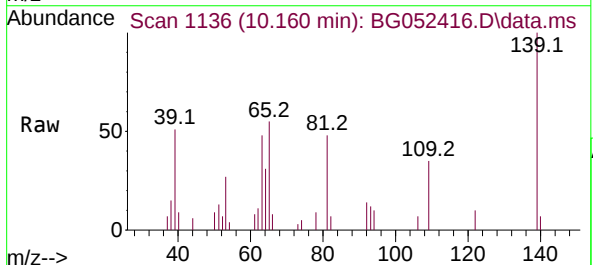
Manual Integrations
APPROVED

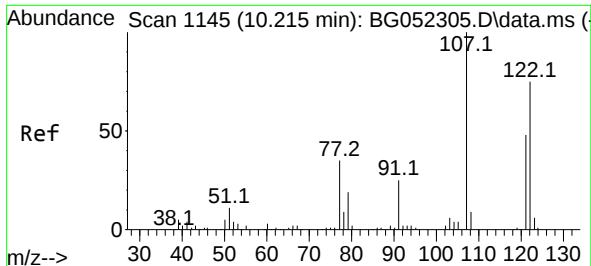
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#26
2-Nitrophenol
Concen: 8.921 ng
RT: 10.160 min Scan# 1136
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Tgt Ion:139 Resp: 9043
Ion Ratio Lower Upper
139 100
109 35.3 30.4 45.6
65 55.0 55.7 83.5#





#27

2,4-Dimethylphenol

Concen: 10.453 ng

RT: 10.213 min Scan# 1145

Delta R.T. -0.002 min

Lab File: BG052416.D

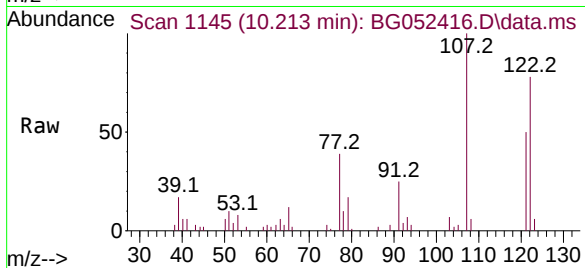
Acq: 17 Feb 2022 11:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2021

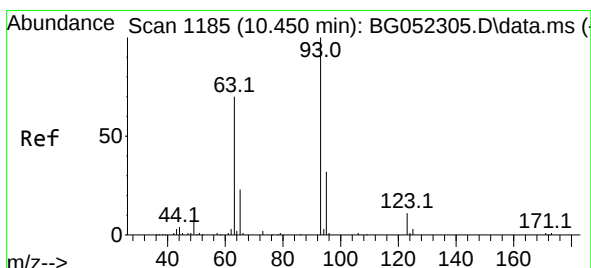
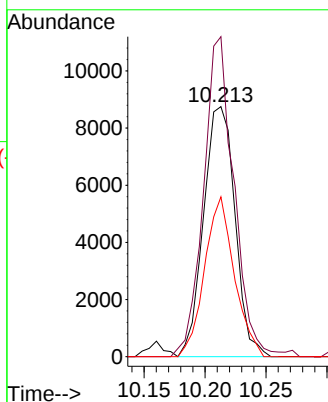
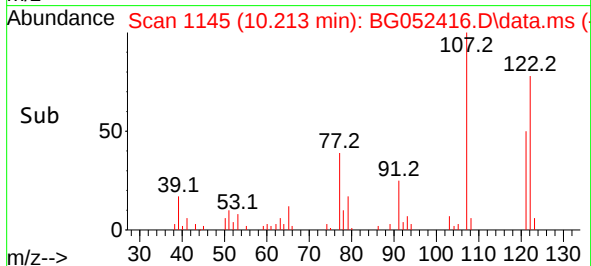


Tgt Ion:	122	Resp:	1568
Ion Ratio	Lower	Upper	
122	100		
107	128.0	105.8	158.8
121	63.9	48.6	72.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 9.443 ng

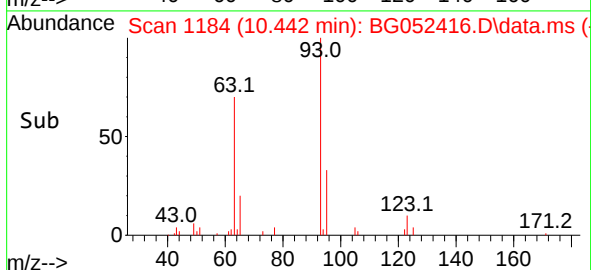
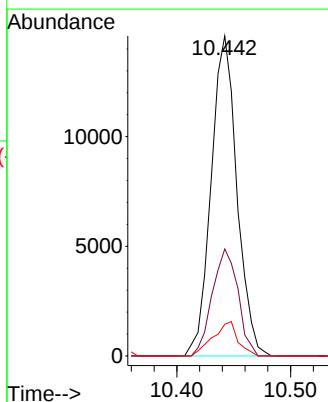
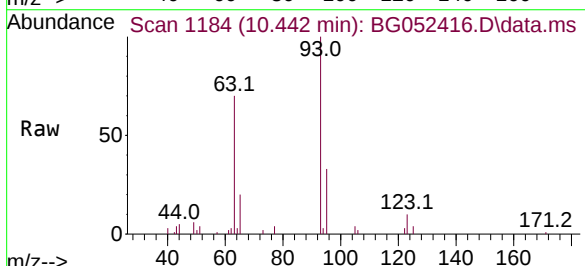
RT: 10.442 min Scan# 1184

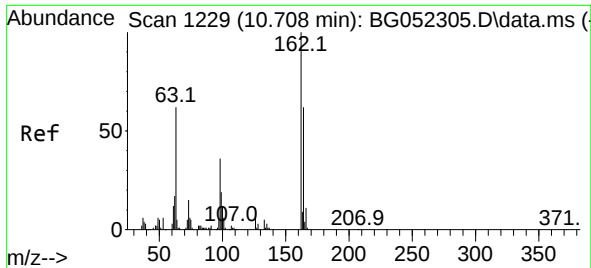
Delta R.T. -0.008 min

Lab File: BG052416.D

Acq: 17 Feb 2022 11:02

Tgt Ion:	93	Resp:	22991
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.1	39.1
123	9.9	7.6	11.4





#29

2,4-Dichlorophenol

Concen: 9.040 ng

RT: 10.706 min Scan# 1229

Delta R.T. -0.002 min

Lab File: BG052416.D

Acq: 17 Feb 2022 11:02

Instrument :

BNA_G

ClientSampleId :

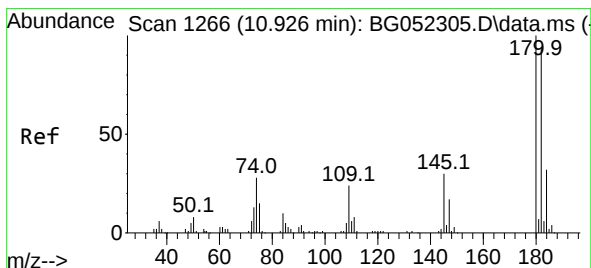
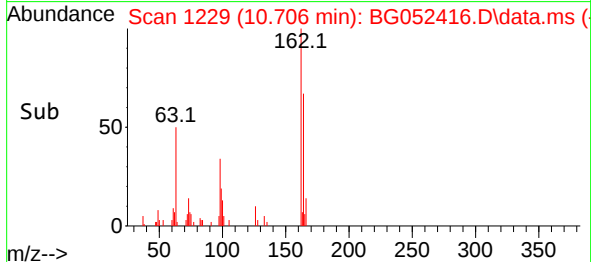
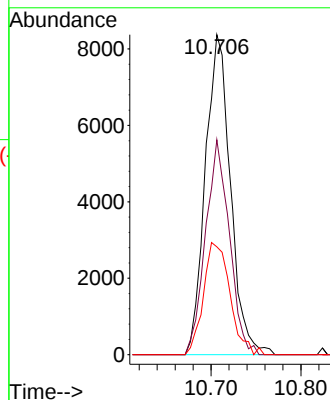
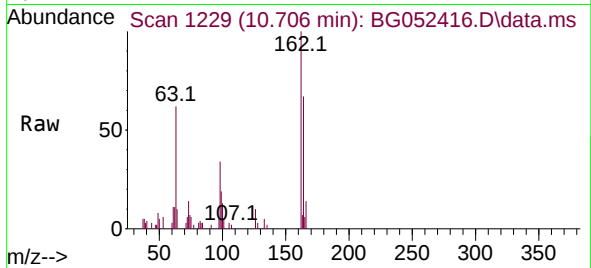
LOQ-WATER-02-QT4-2021

Tgt Ion:	162	Resp:	1626
Ion Ratio	Lower	Upper	
162	100		
164	67.2	44.3	84.3
98	33.7	17.2	57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 9.548 ng

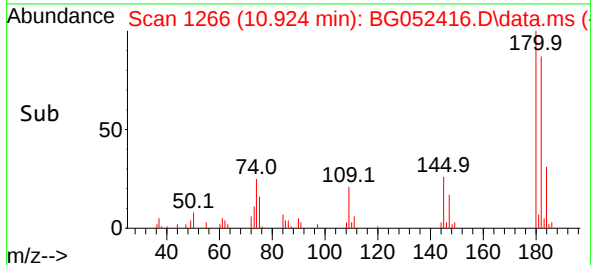
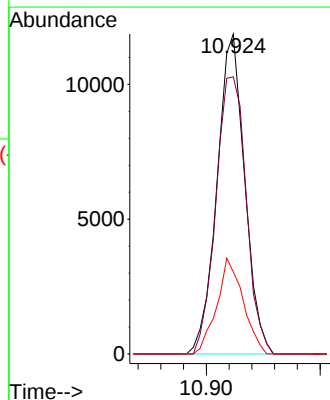
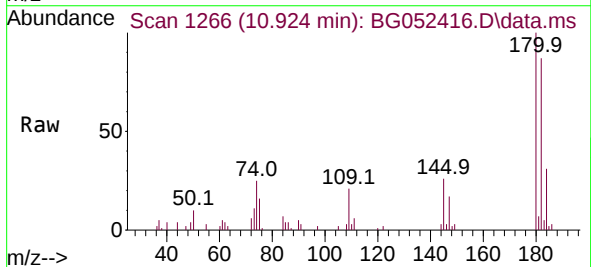
RT: 10.924 min Scan# 1266

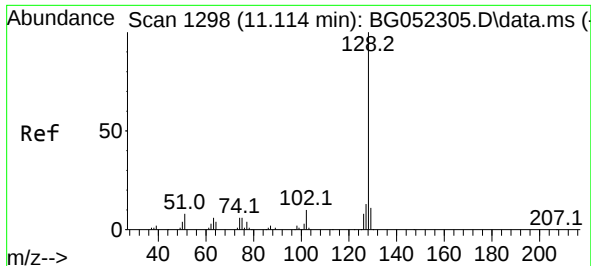
Delta R.T. -0.002 min

Lab File: BG052416.D

Acq: 17 Feb 2022 11:02

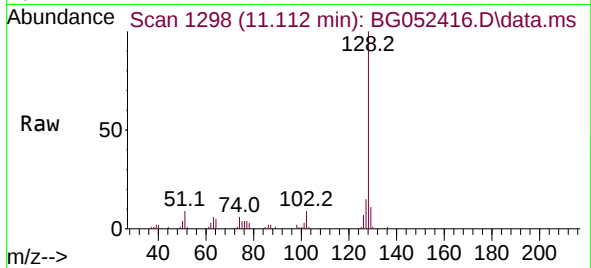
Tgt Ion:	180	Resp:	20058
Ion Ratio	Lower	Upper	
180	100		
182	86.6	76.1	114.1
145	25.6	24.0	36.0





#31
Naphthalene
Concen: 9.818 ng
RT: 11.112 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

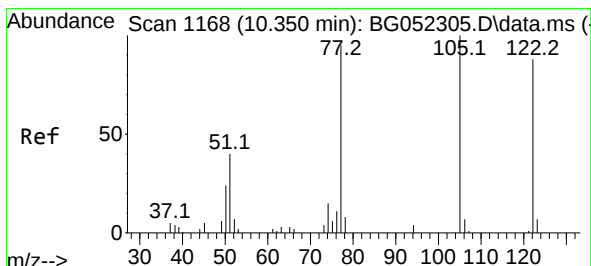
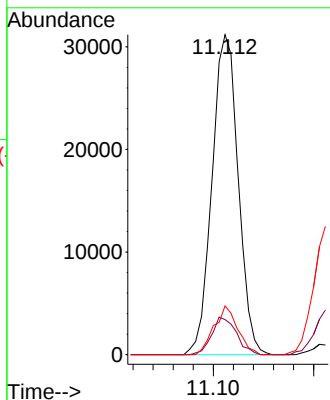
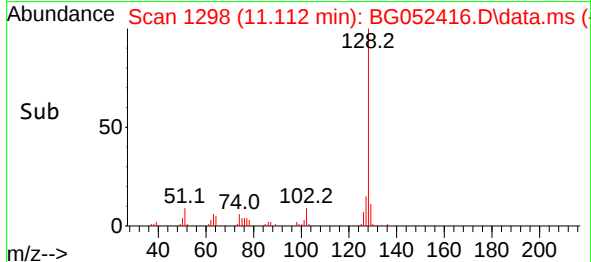
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:128 Resp: 5640
Ion Ratio Lower Upper
128 100
129 11.0 9.8 14.6
127 15.2 12.0 18.0

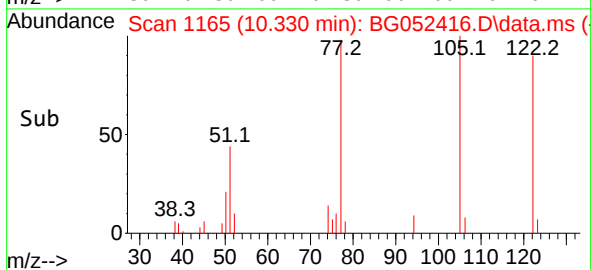
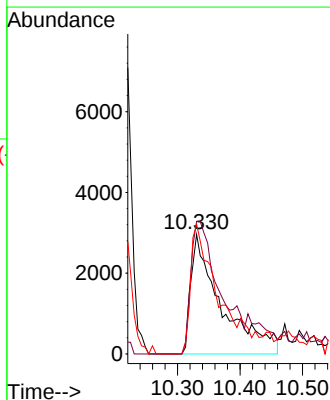
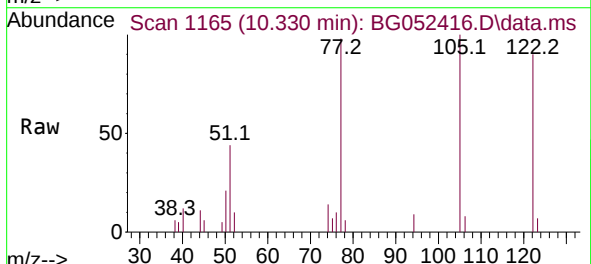
Manual Integrations
APPROVED

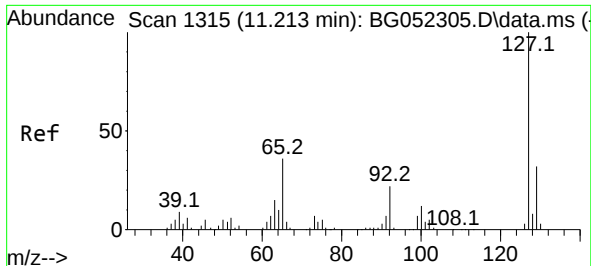
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#32
Benzoic acid
Concen: 11.399 ng m
RT: 10.330 min Scan# 1165
Delta R.T. -0.020 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

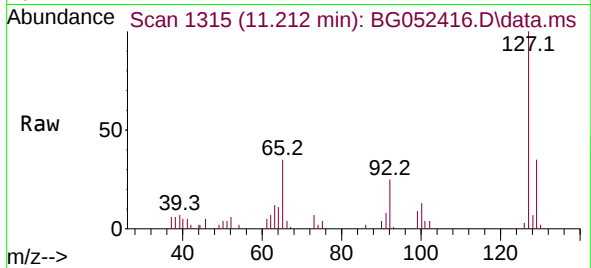
Tgt Ion:122 Resp: 10048
Ion Ratio Lower Upper
122 100
105 110.9 109.2 149.2
77 108.6 92.8 132.8





#33
4-Chloroaniline
Concen: 9.798 ng
RT: 11.212 min Scan# 1315
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

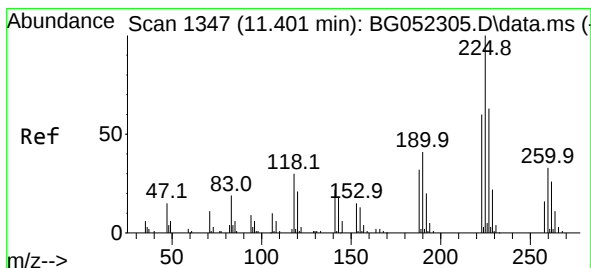
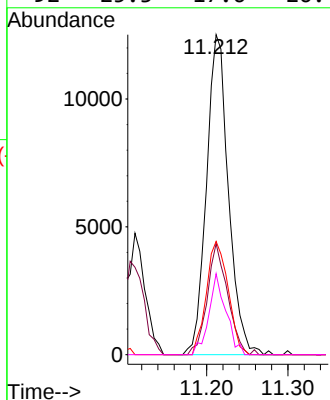
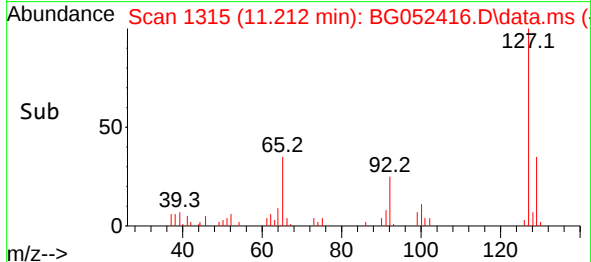
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



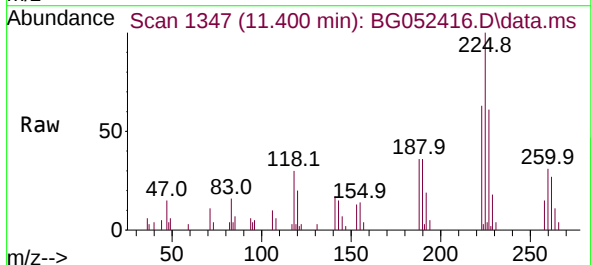
Tgt Ion:	127	Resp:	23500
Ion	Ratio	Lower	Upper
127	100		
129	34.7	27.0	40.6
65	35.4	28.7	43.1
92	25.3	17.6	26.4

Manual Integrations
APPROVED

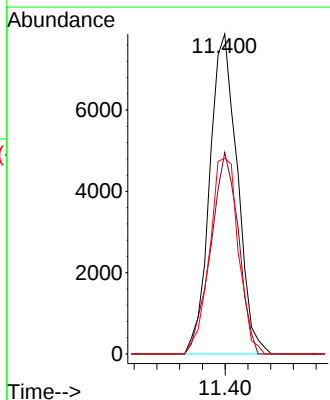
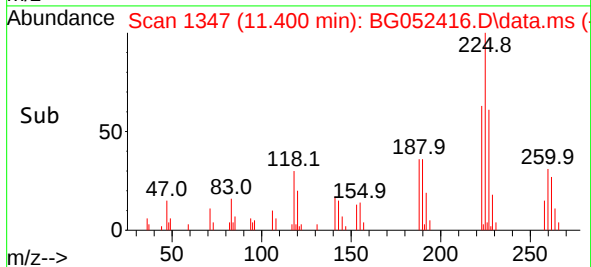
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#34
Hexachlorobutadiene
Concen: 9.340 ng
RT: 11.400 min Scan# 1347
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02



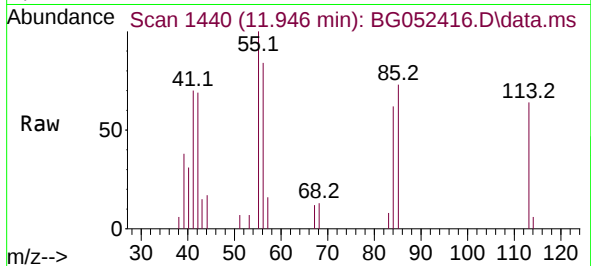
Tgt Ion:	225	Resp:	13250
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.6	77.4
227	61.2	53.9	80.9





#35
Caprolactam
Concen: 7.126 ng
RT: 11.946 min Scan# 1445
Delta R.T. -0.031 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

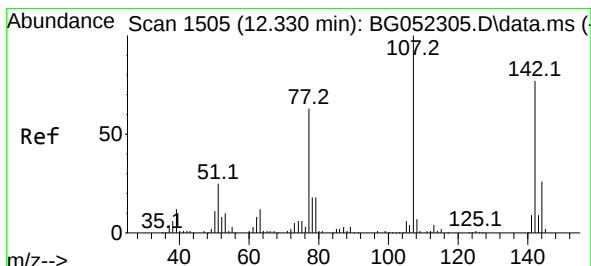
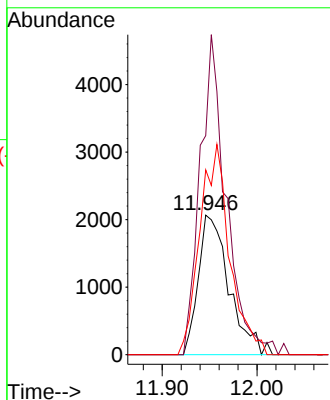
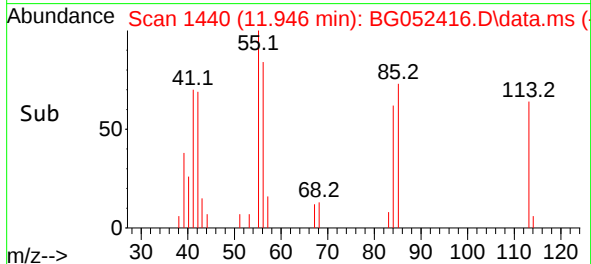
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



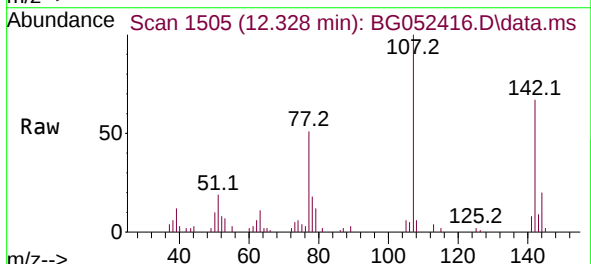
Tgt Ion:113 Resp: 4672
Ion Ratio Lower Upper
113 100
55 157.0 161.4 201.4
56 132.4 132.6 172.6

Manual Integrations
APPROVED

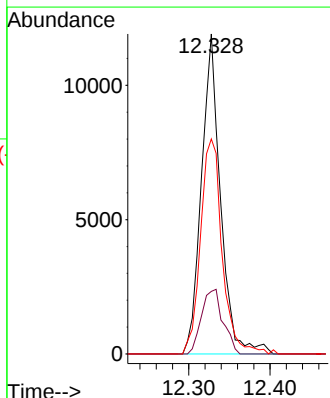
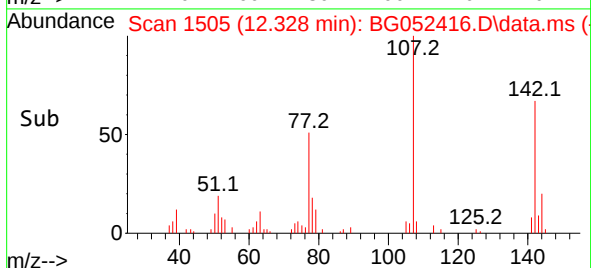
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

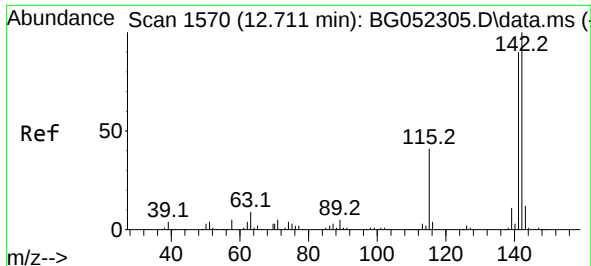


#36
4-Chloro-3-methylphenol
Concen: 9.490 ng
RT: 12.328 min Scan# 1505
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02



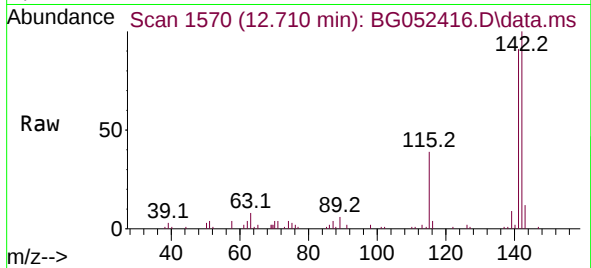
Tgt Ion:107 Resp: 19422
Ion Ratio Lower Upper
107 100
144 19.6 19.3 28.9
142 67.2 63.9 95.9





#37
2-Methylnaphthalene
Concen: 9.779 ng
RT: 12.710 min Scan# 1570
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

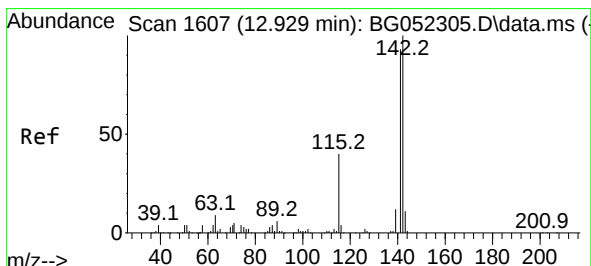
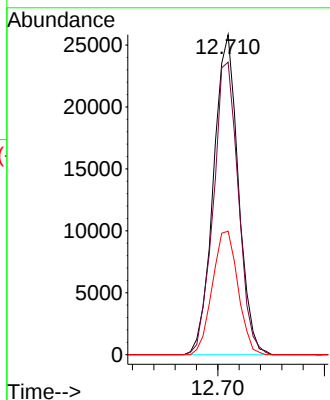
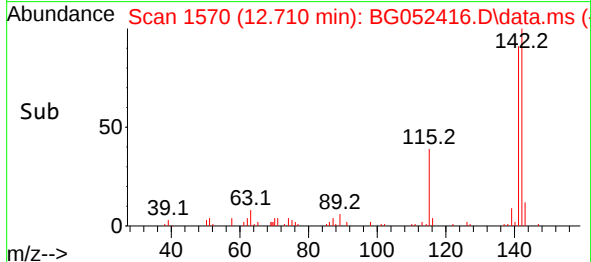
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



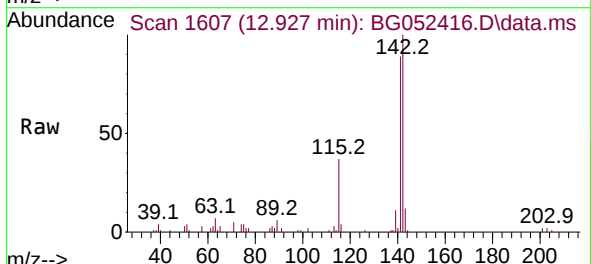
Tgt Ion:142 Resp: 4172
Ion Ratio Lower Upper
142 100
141 91.4 71.7 107.5
115 38.6 32.2 48.4

Manual Integrations
APPROVED

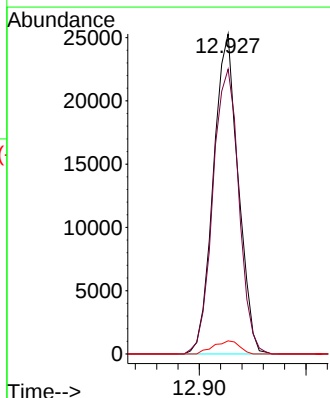
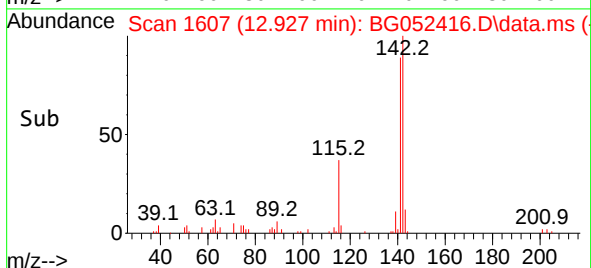
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#38
1-Methylnaphthalene
Concen: 9.878 ng
RT: 12.927 min Scan# 1607
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02



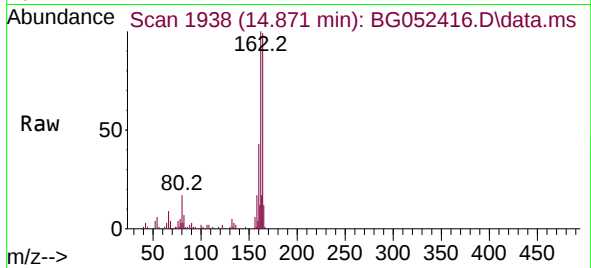
Tgt Ion:142 Resp: 40840
Ion Ratio Lower Upper
142 100
141 89.0 75.0 112.4
116 4.1 4.2 6.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

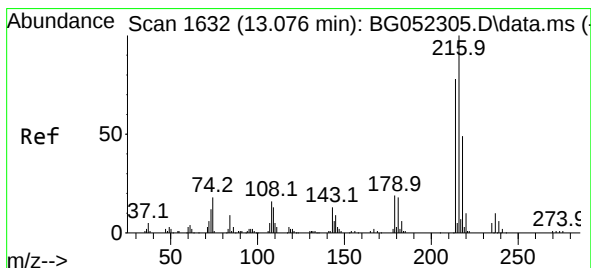
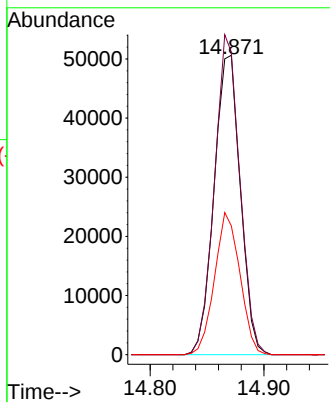
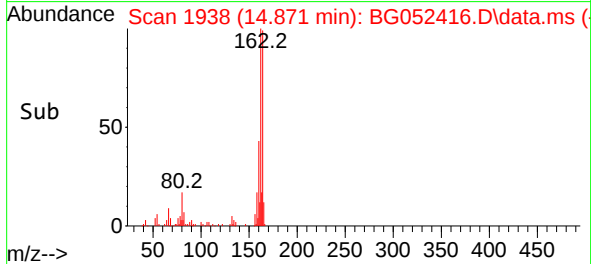
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



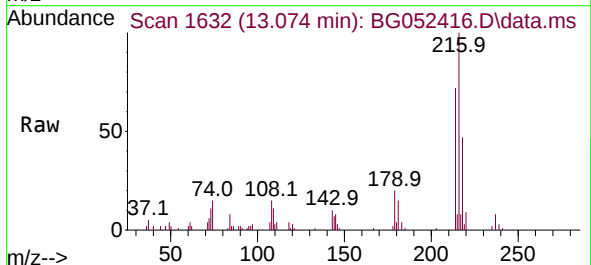
Tgt Ion:164 Resp: 81134
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.2
160 43.0 36.2 54.2

Manual Integrations
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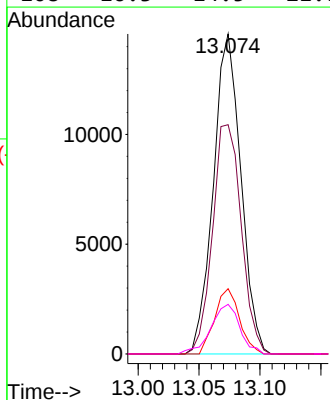
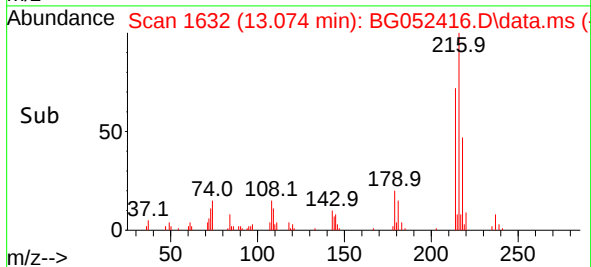
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

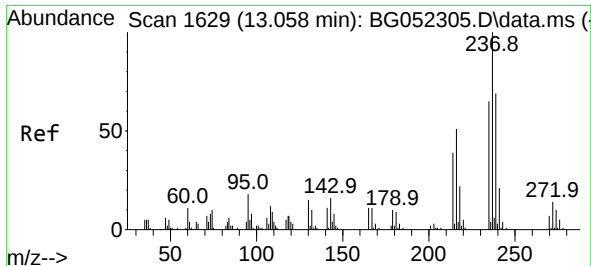


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.570 ng
RT: 13.074 min Scan# 1632
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02



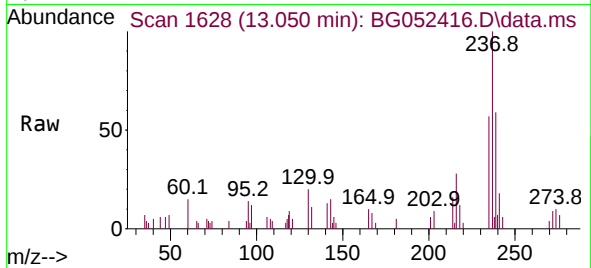
Tgt Ion:216 Resp: 22869
Ion Ratio Lower Upper
216 100
214 74.7 63.2 94.8
179 18.4 16.3 24.5
108 16.3 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 7.972 ng
RT: 13.050 min Scan# 1628
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

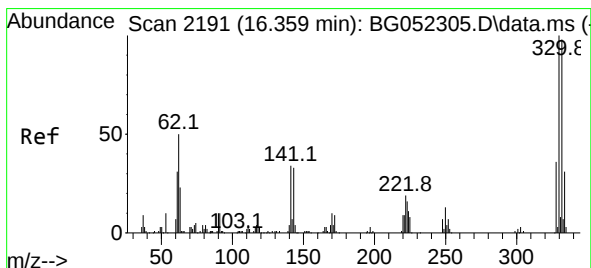
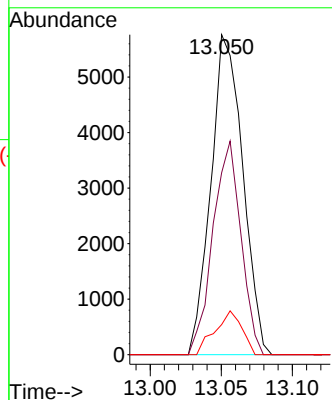
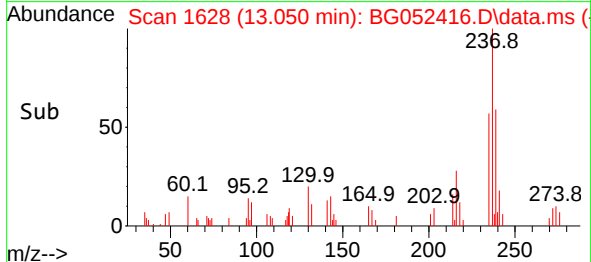
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



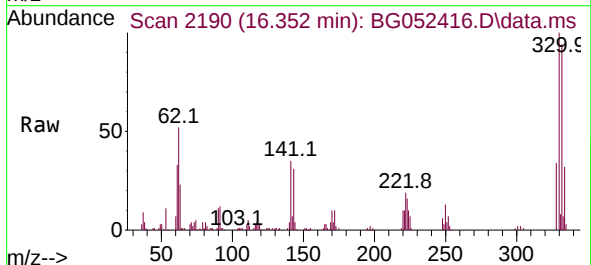
Tgt Ion:237 Resp: 898
Ion Ratio Lower Upper
237 100
235 56.8 45.9 85.9
272 9.4 0.0 33.0

Manual Integrations
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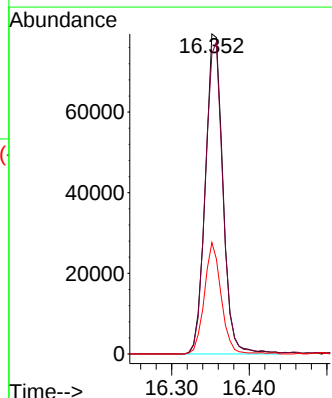
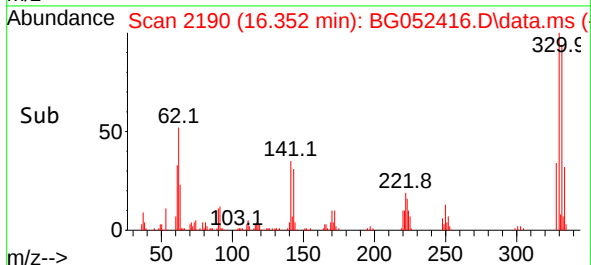
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

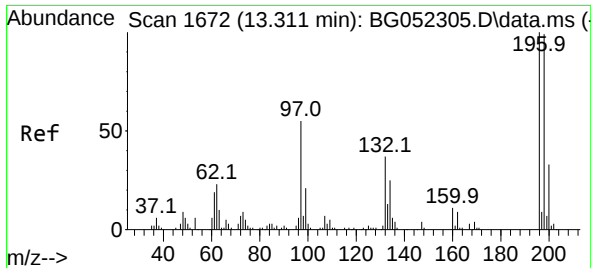


#42
2,4,6-Tribromophenol
Concen: 107.256 ng
RT: 16.352 min Scan# 2190
Delta R.T. -0.007 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02



Tgt Ion:330 Resp: 125020
Ion Ratio Lower Upper
330 100
332 97.9 78.6 117.8
141 33.1 28.8 43.2





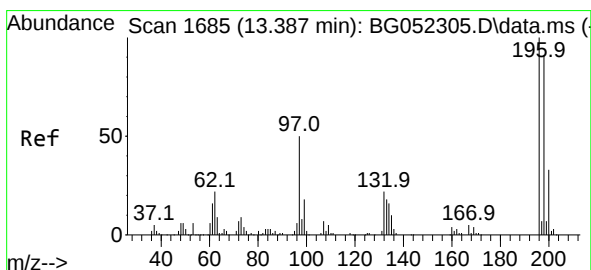
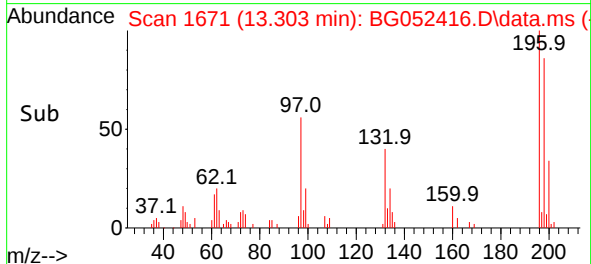
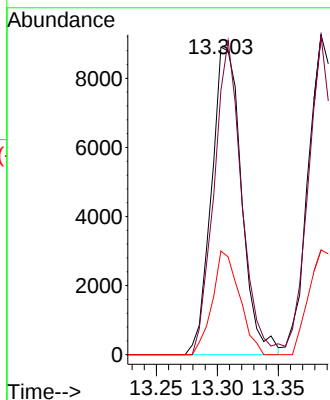
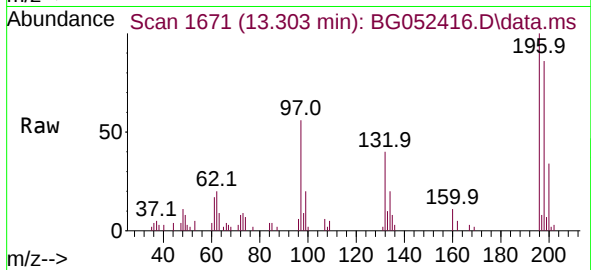
#43
2,4,6-Trichlorophenol
Concen: 8.750 ng
RT: 13.303 min Scan# 1672
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:196 Resp: 15272
Ion Ratio Lower Upper
196 100
198 86.0 78.4 117.6
200 33.7 28.5 42.7

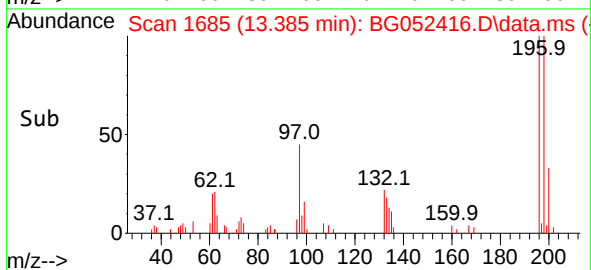
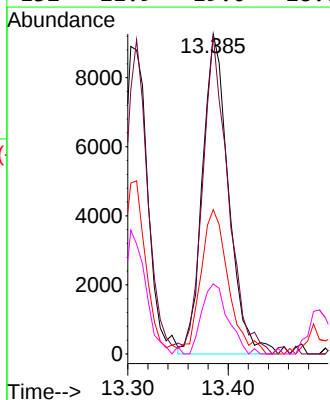
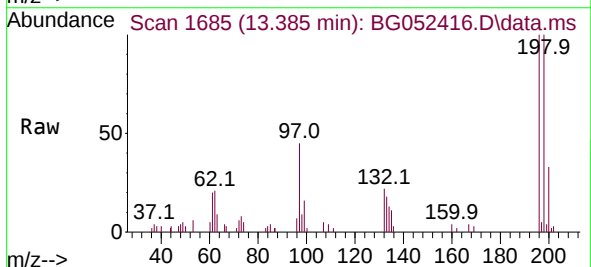
Manual Integrations
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Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#44
2,4,5-Trichlorophenol
Concen: 8.865 ng
RT: 13.385 min Scan# 1685
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

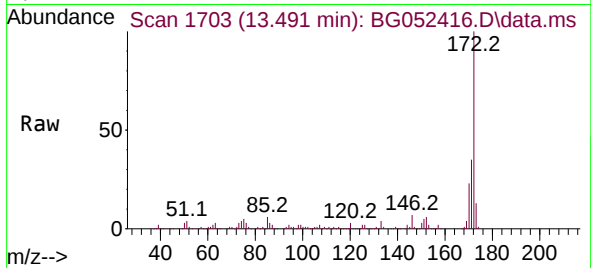
Tgt Ion:196 Resp: 16767
Ion Ratio Lower Upper
196 100
198 99.5 78.6 118.0
97 45.1 43.8 65.8
132 21.9 19.0 28.6





#45
2-Fluorobiphenyl
Concen: 72.336 ng
RT: 13.491 min Scan# 1703
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

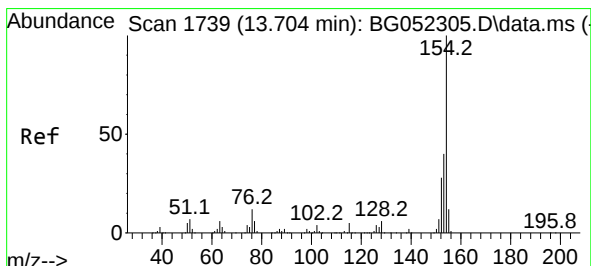
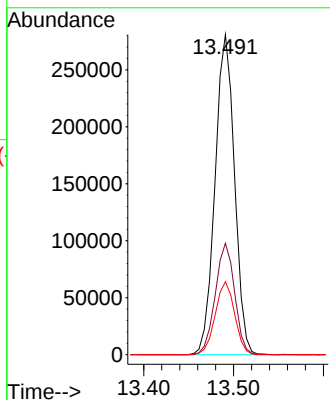
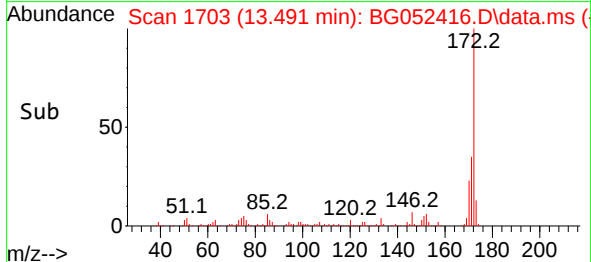
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



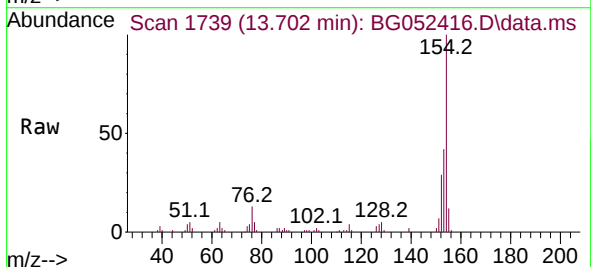
Tgt Ion:172 Resp: 422360
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.8 18.3 27.5

Manual Integrations
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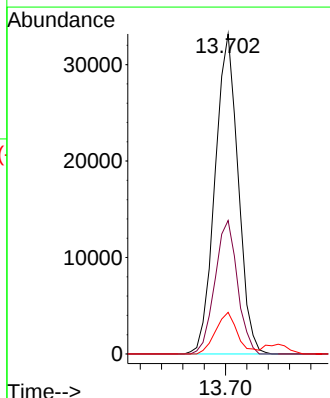
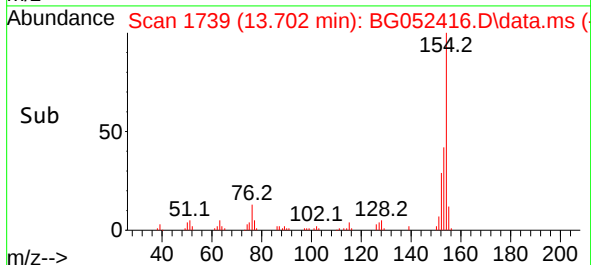
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

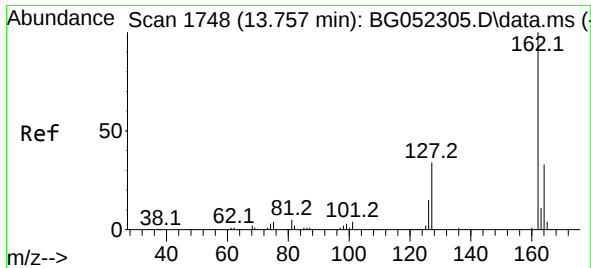


#46
1,1'-Biphenyl
Concen: 8.371 ng
RT: 13.702 min Scan# 1739
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02



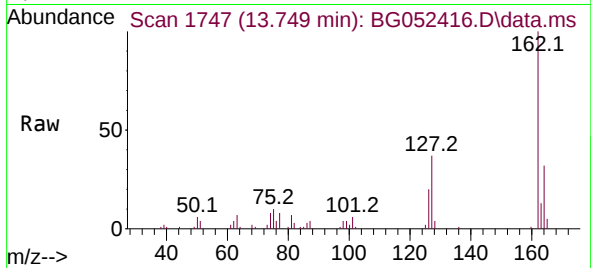
Tgt Ion:154 Resp: 49804
Ion Ratio Lower Upper
154 100
153 41.7 21.1 61.1
76 13.0 0.0 32.6





#47
2-Chloronaphthalene
Concen: 9.945 ng
RT: 13.749 min Scan# 1748
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

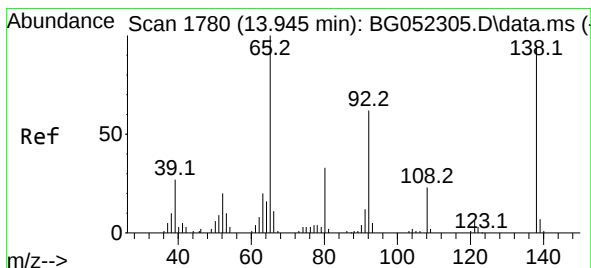
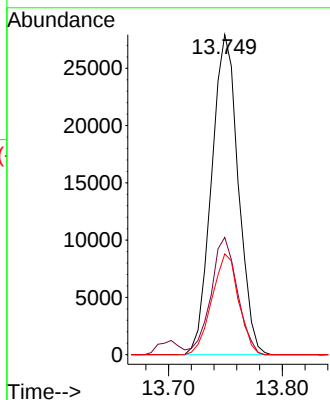
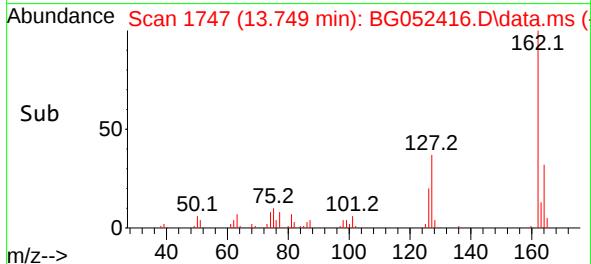
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:162 Resp: 4558
Ion Ratio Lower Upper
162 100
127 36.6 30.4 45.6
164 31.5 25.0 37.4

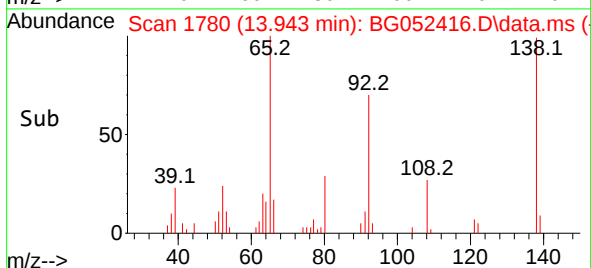
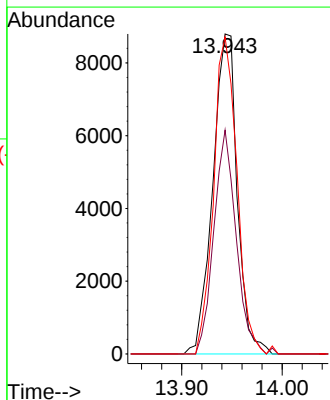
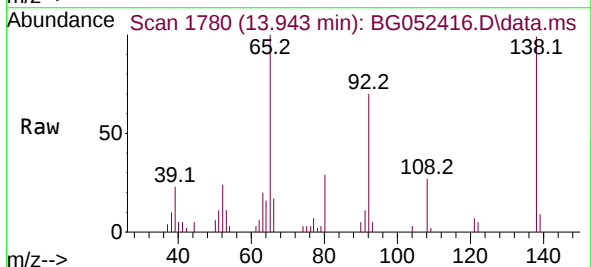
Manual Integrations
APPROVED

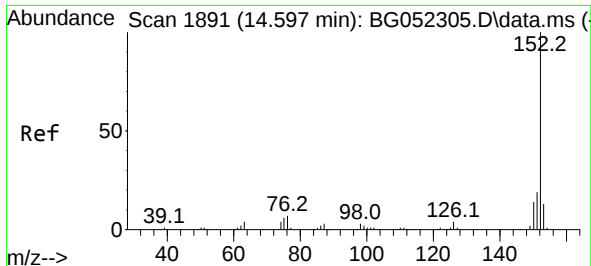
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#48
2-Nitroaniline
Concen: 9.128 ng
RT: 13.943 min Scan# 1780
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

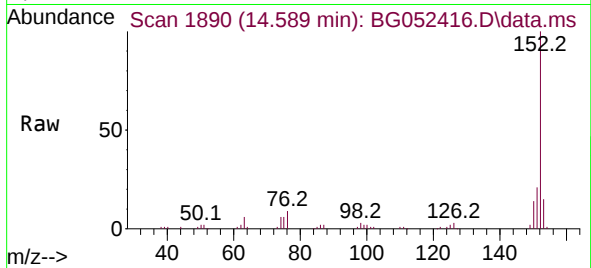
Tgt Ion: 65 Resp: 14896
Ion Ratio Lower Upper
65 100
92 70.0 51.0 76.6
138 99.0 72.4 108.6





#49
Acenaphthylene
Concen: 10.317 ng
RT: 14.589 min Scan# 1890
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

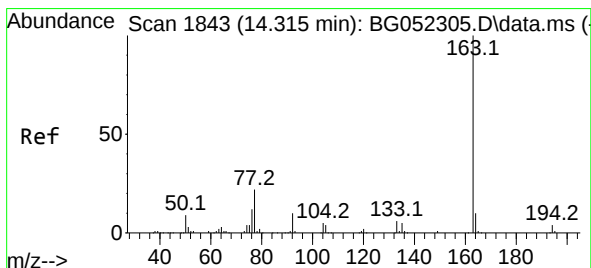
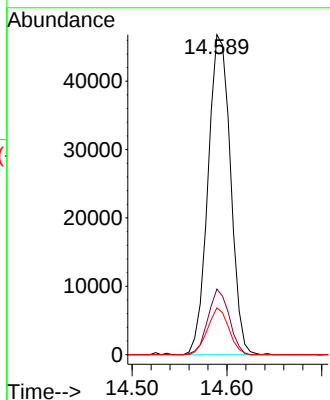
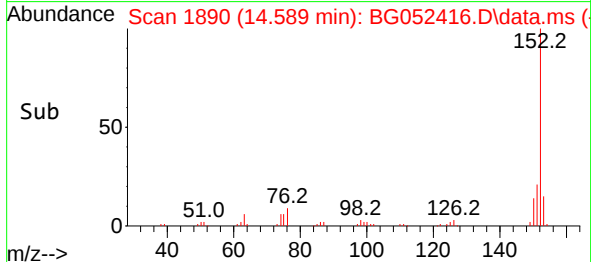
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:152 Resp: 76978
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 14.7 10.8 16.2

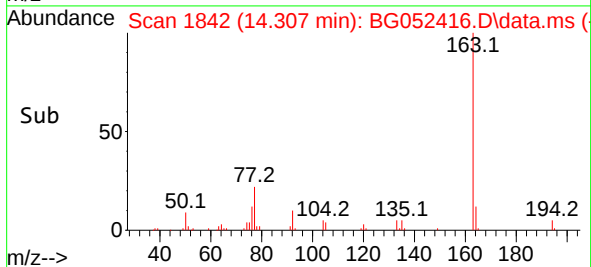
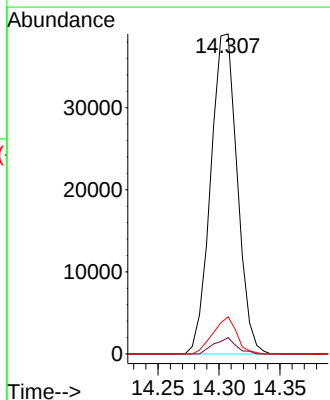
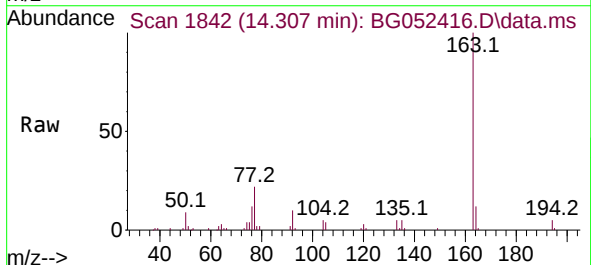
Manual Integrations
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Supervised By :Jagrut Upadhyay 02/18/2022



#50
Dimethylphthalate
Concen: 9.507 ng
RT: 14.307 min Scan# 1842
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Tgt Ion:163 Resp: 59092
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 11.6 8.4 12.6





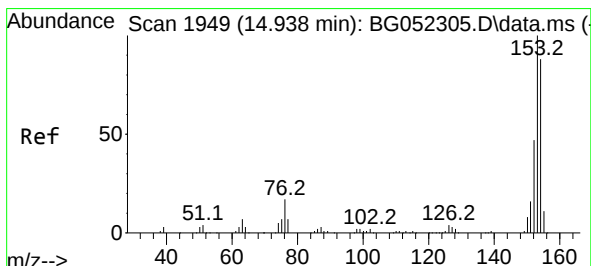
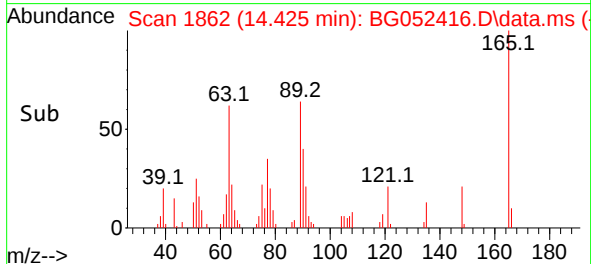
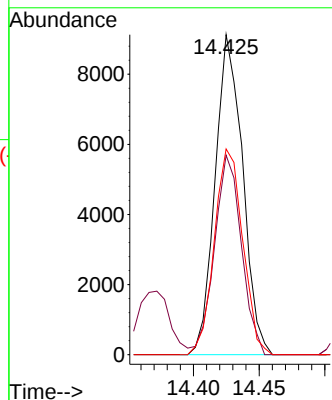
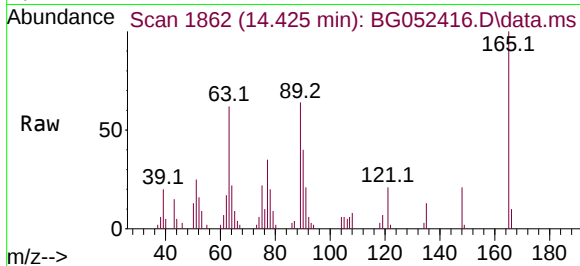
#51
2,6-Dinitrotoluene
Concen: 9.899 ng
RT: 14.425 min Scan# 1862
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:165 Resp: 1327
Ion Ratio Lower Upper
165 100
63 62.3 59.0 88.4
89 64.3 49.4 74.0

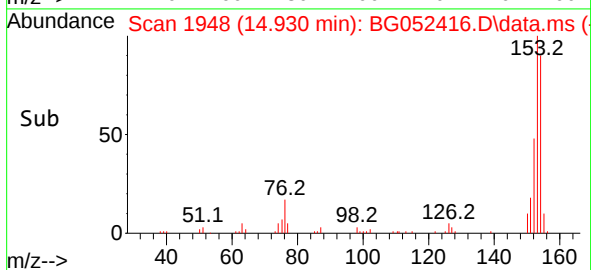
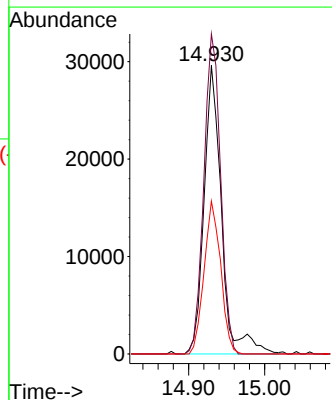
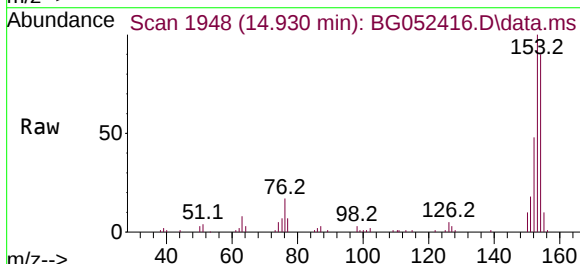
Manual Integrations
APPROVED

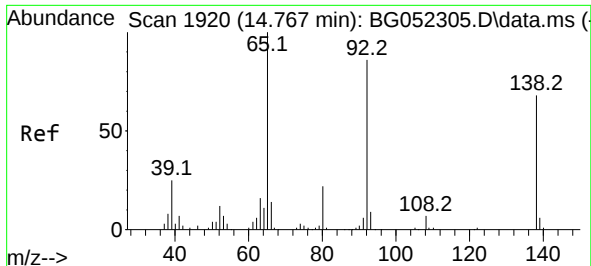
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#52
Acenaphthene
Concen: 9.691 ng m
RT: 14.930 min Scan# 1948
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

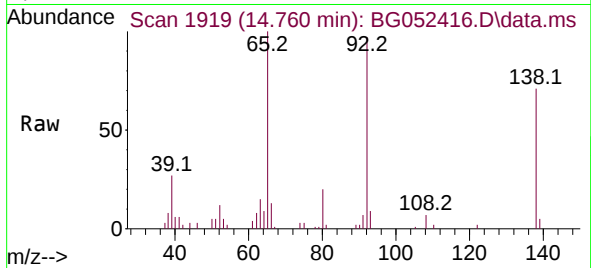
Tgt Ion:154 Resp: 47357
Ion Ratio Lower Upper
154 100
153 110.9 91.9 137.9
152 53.0 43.4 65.2





#53
3-Nitroaniline
Concen: 9.469 ng
RT: 14.760 min Scan# 1920
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

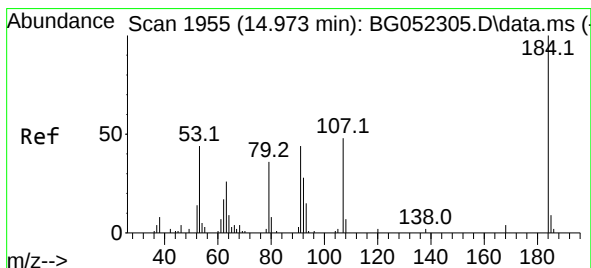
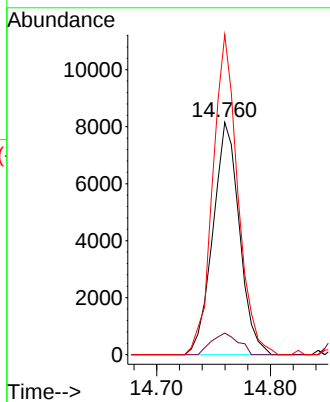
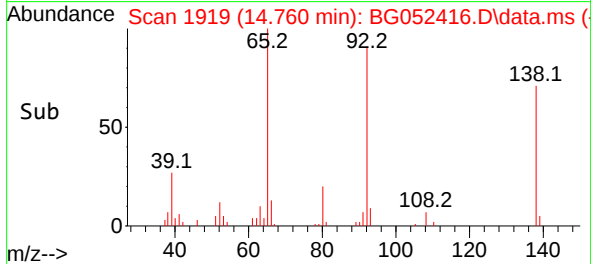
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:138 Resp: 1320
Ion Ratio Lower Upper
138 100
108 9.3 7.8 11.8
92 137.7 100.4 150.6

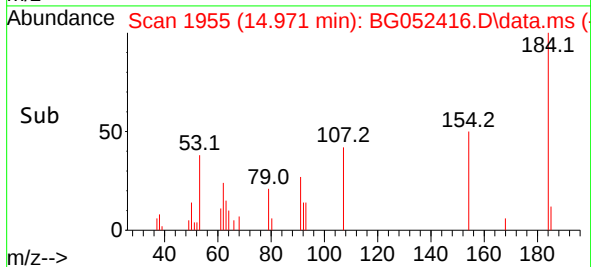
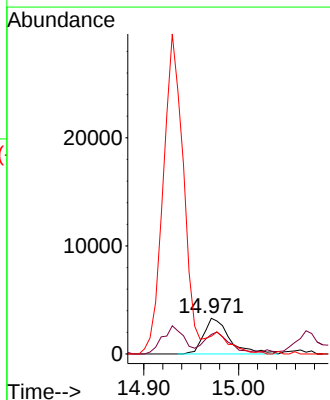
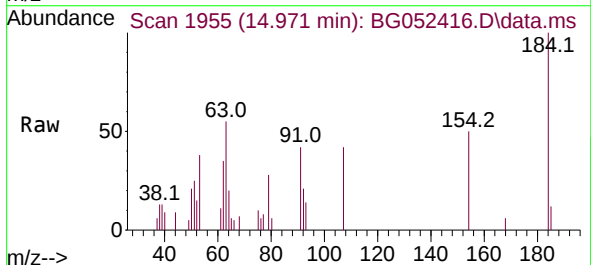
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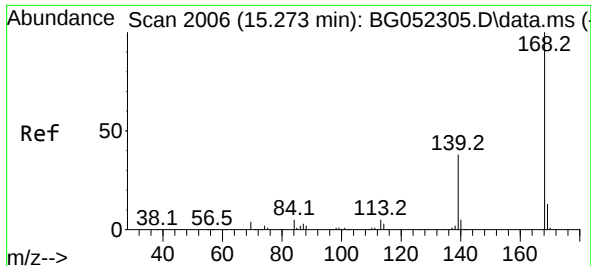
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#54
2,4-Dinitrophenol
Concen: 8.566 ng
RT: 14.971 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

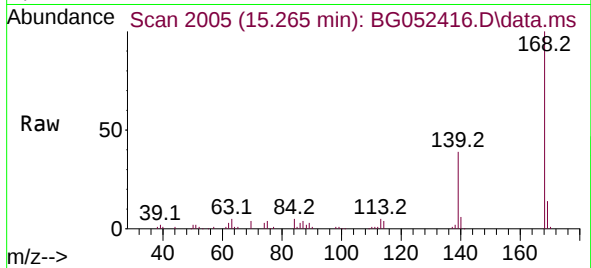
Tgt Ion:184 Resp: 6229
Ion Ratio Lower Upper
184 100
63 54.7 56.0 84.0#
154 49.5 50.2 75.2#





#55
Dibenzofuran
Concen: 9.662 ng
RT: 15.265 min Scan# 2006
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

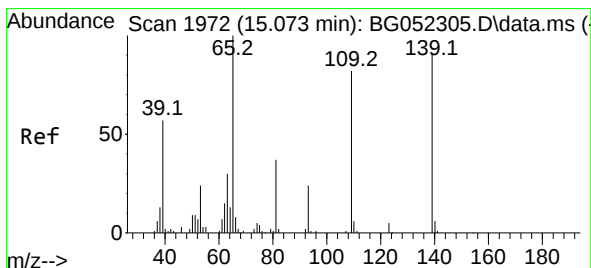
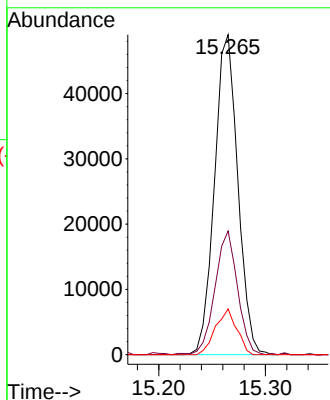
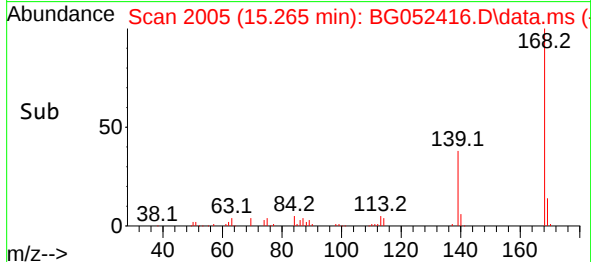
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:168 Resp: 74250
Ion Ratio Lower Upper
168 100
139 38.6 30.7 46.1
169 14.3 10.9 16.3

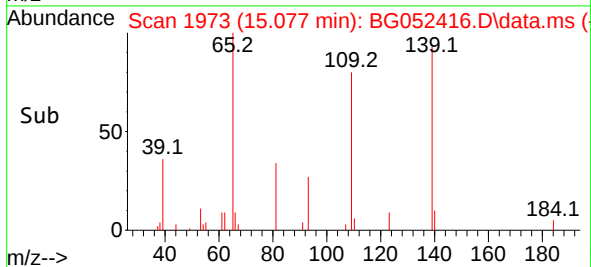
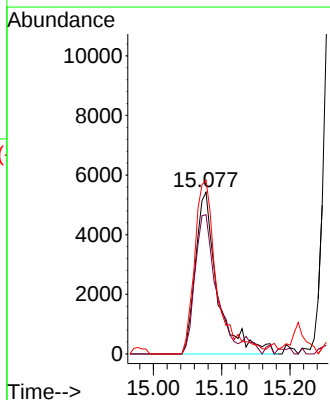
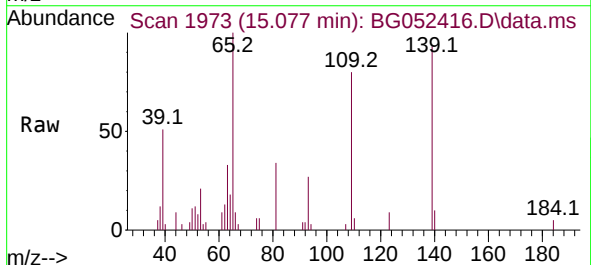
Manual Integrations
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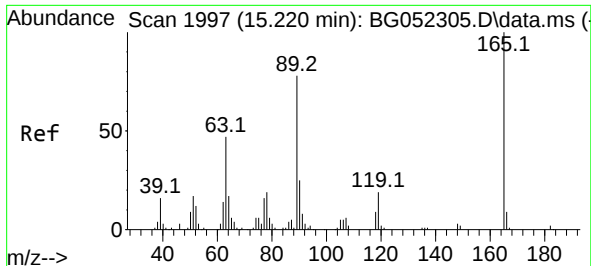
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#56
4-Nitrophenol
Concen: 11.625 ng
RT: 15.077 min Scan# 1973
Delta R.T. 0.004 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

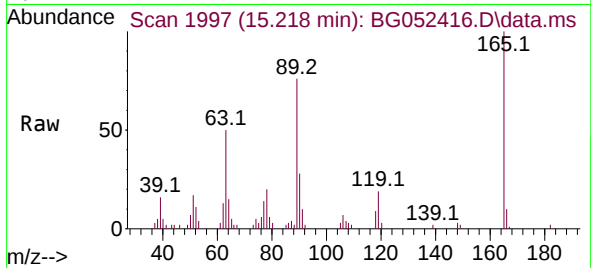
Tgt Ion:139 Resp: 12171
Ion Ratio Lower Upper
139 100
109 86.0 84.9 124.9
65 107.5 109.9 149.9#





#57
2,4-Dinitrotoluene
Concen: 10.109 ng
RT: 15.218 min Scan# 1997
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

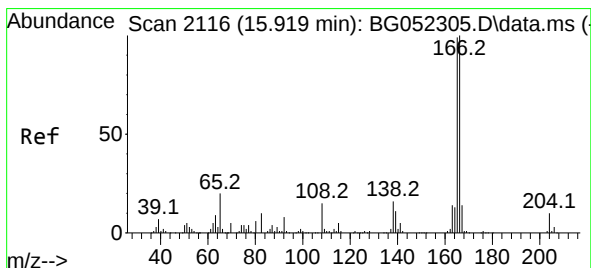
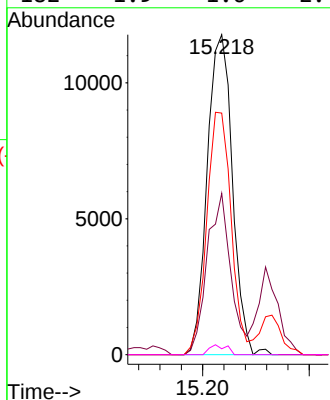
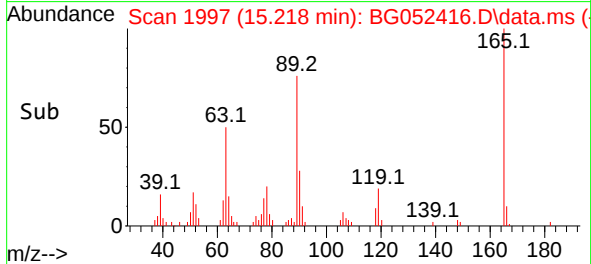
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:165 Resp: 19298
Ion Ratio Lower Upper
165 100
63 50.4 44.6 66.8
89 75.5 67.4 101.0
182 1.9 1.6 2.4

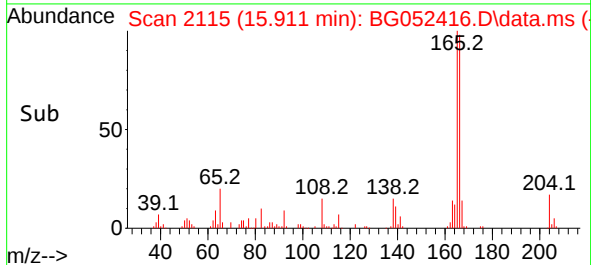
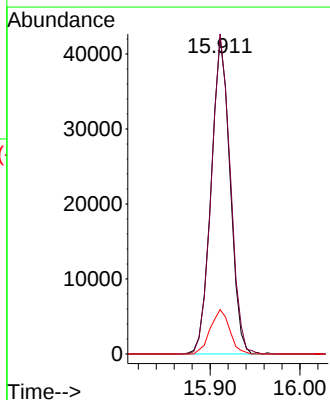
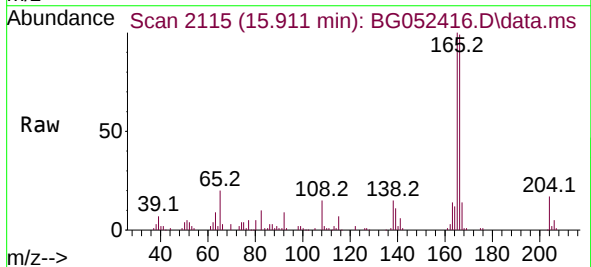
Manual Integrations
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Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#58
Fluorene
Concen: 10.030 ng
RT: 15.911 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

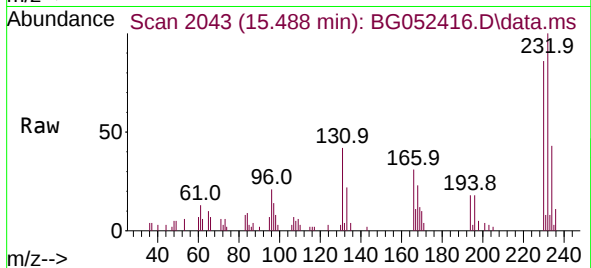
Tgt Ion:166 Resp: 61532
Ion Ratio Lower Upper
166 100
165 101.1 80.0 120.0
167 14.0 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.116 ng
RT: 15.488 min Scan# 2043
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

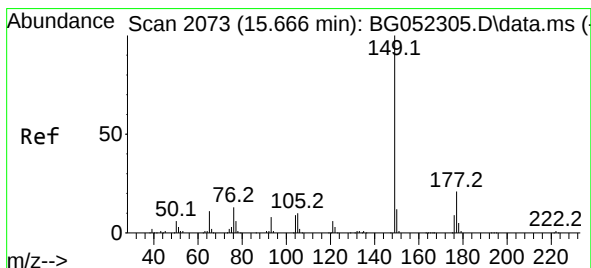
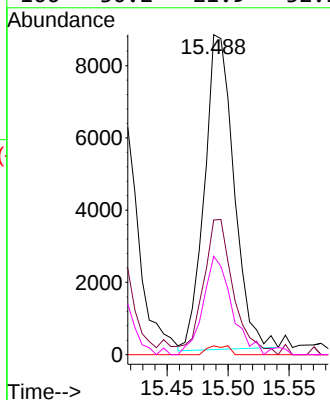
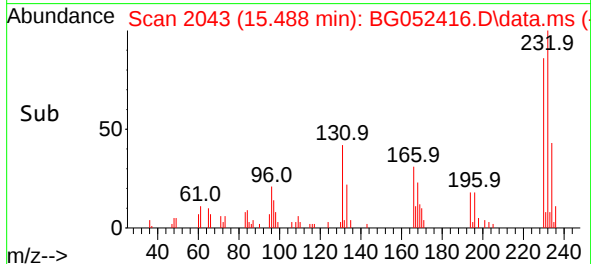
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:232 Resp: 14664
Ion Ratio Lower Upper
232 100
131 43.4 32.2 48.4
130 2.1 2.2 3.4
166 30.2 21.9 32.9

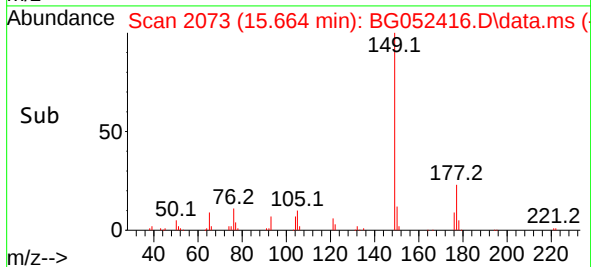
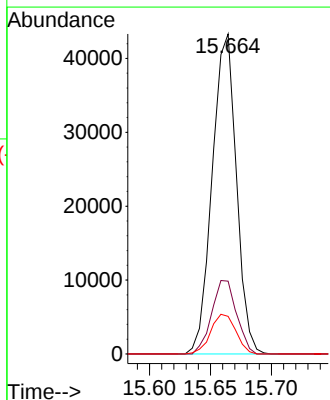
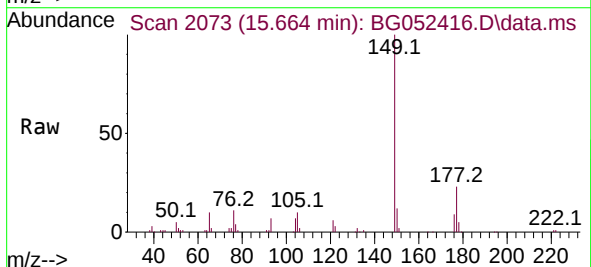
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#60
Diethylphthalate
Concen: 9.526 ng
RT: 15.664 min Scan# 2073
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Tgt Ion:149 Resp: 59812
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 11.8 9.2 13.8





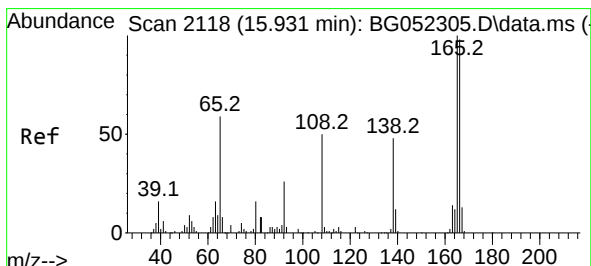
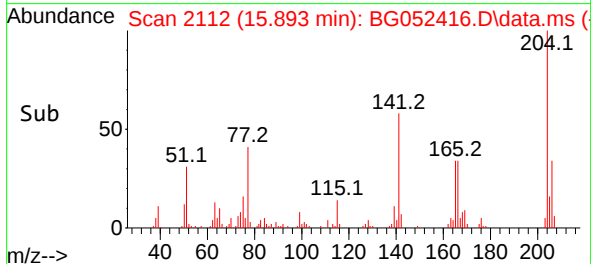
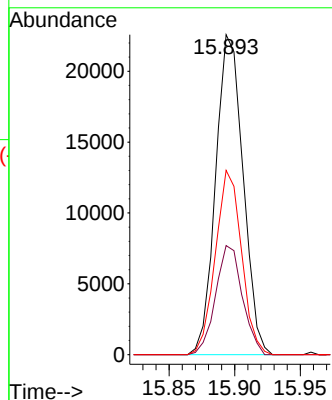
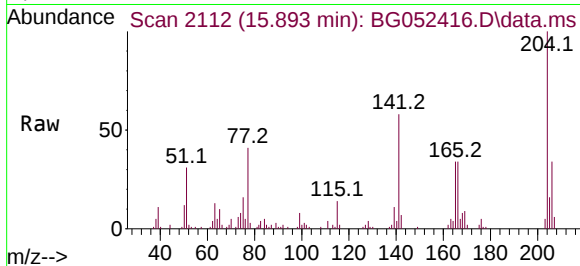
#61
4-Chlorophenyl-phenylether
Concen: 9.378 ng
RT: 15.893 min Scan# 2112
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:204 Resp: 3277
Ion Ratio Lower Upper
204 100
206 34.1 28.4 42.6
141 57.6 41.8 62.6

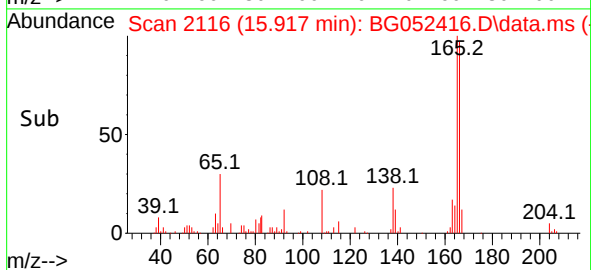
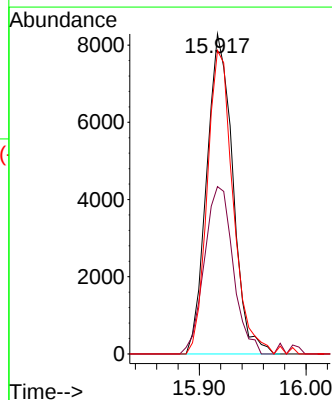
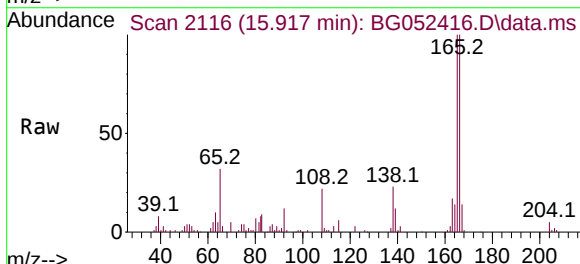
Manual Integrations
APPROVED

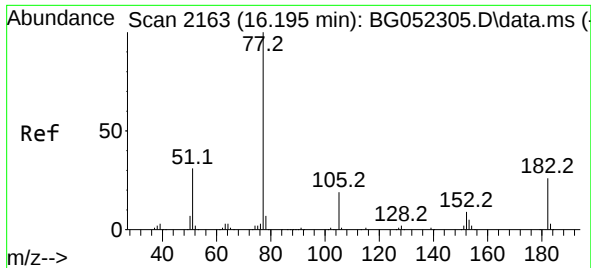
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#62
4-Nitroaniline
Concen: 9.611 ng
RT: 15.917 min Scan# 2116
Delta R.T. -0.014 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Tgt Ion:138 Resp: 14106
Ion Ratio Lower Upper
138 100
92 52.3 35.5 75.5
108 94.9 96.4 136.4#





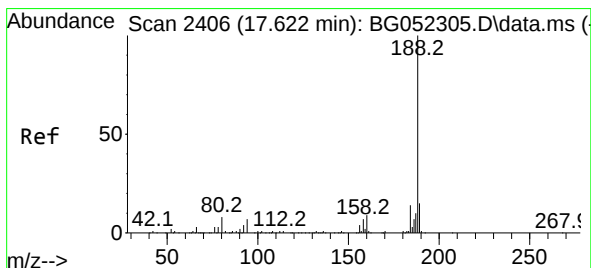
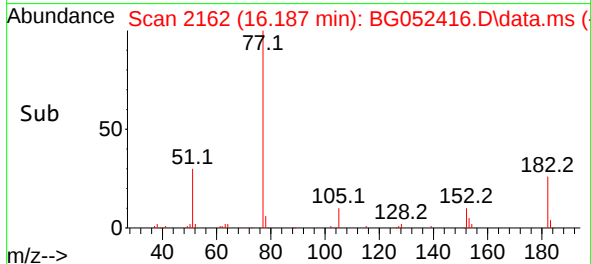
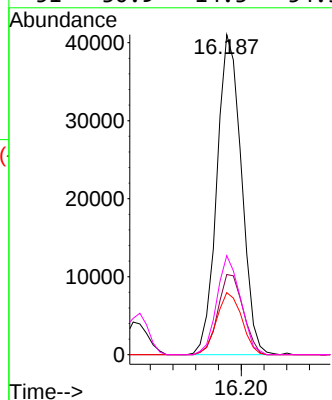
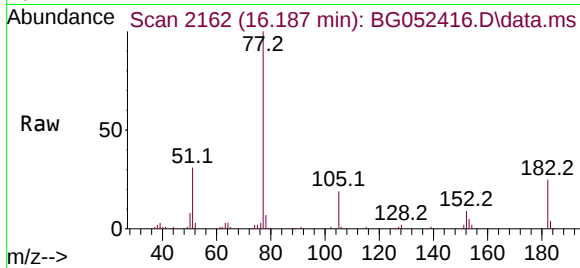
#63
Azobenzene
Concen: 9.559 ng
RT: 16.187 min Scan# 2163
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 77 Resp: 6143
Ion Ratio Lower Upper
77 100
182 25.0 4.1 44.1
105 19.4 0.0 37.5
51 30.9 14.3 54.3

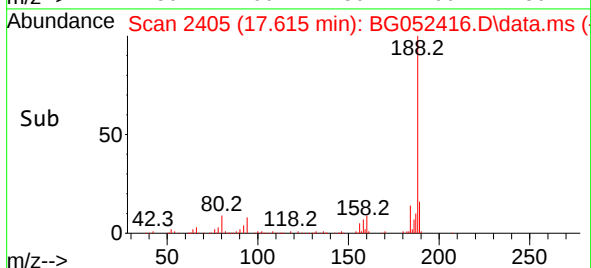
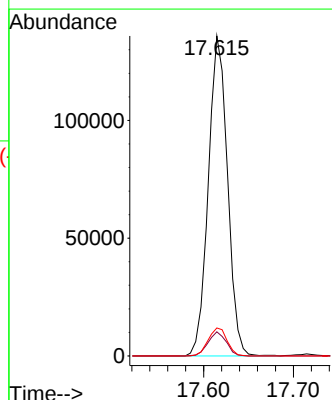
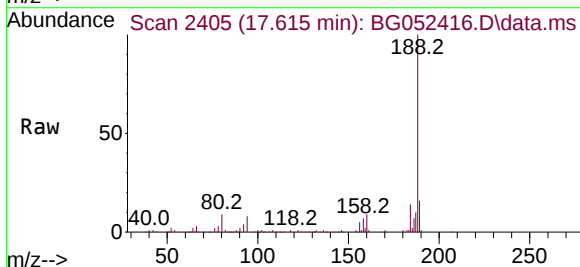
Manual Integrations
APPROVED

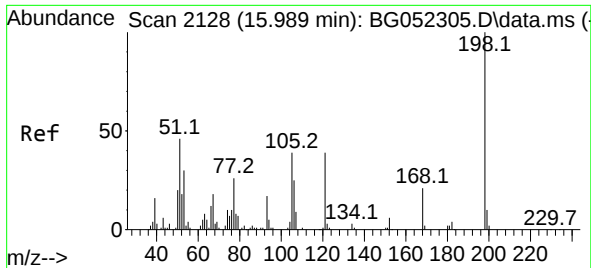
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Tgt Ion:188 Resp: 201782
Ion Ratio Lower Upper
188 100
94 7.6 5.9 8.9
80 8.7 6.6 10.0





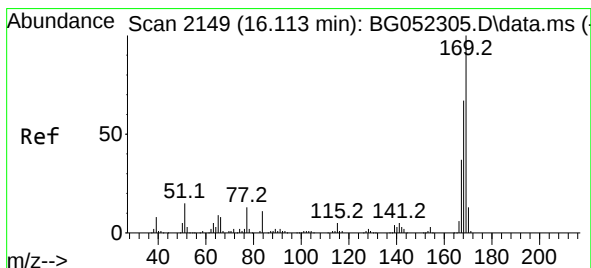
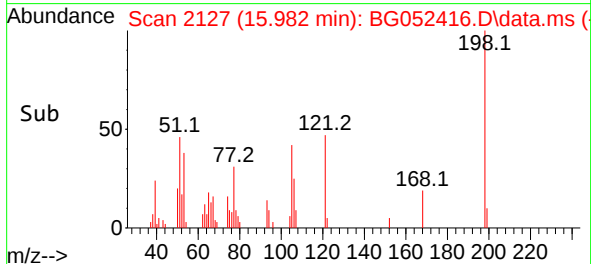
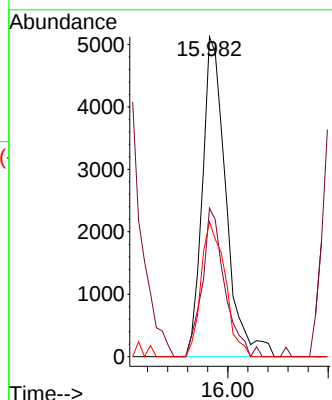
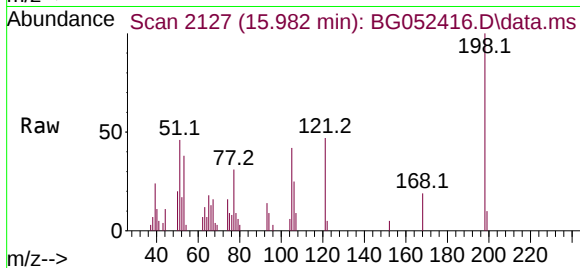
#65
4,6-Dinitro-2-methylphenol
Concen: 6.894 ng
RT: 15.982 min Scan# 2128
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:198 Resp: 8368
Ion Ratio Lower Upper
198 100
51 46.5 31.6 71.6
105 42.1 22.3 62.3

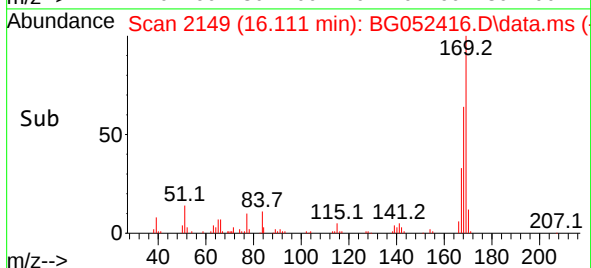
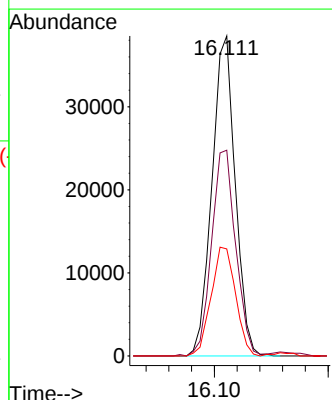
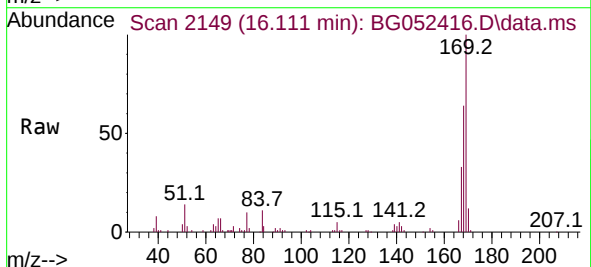
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#66
n-Nitrosodiphenylamine
Concen: 9.851 ng
RT: 16.111 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

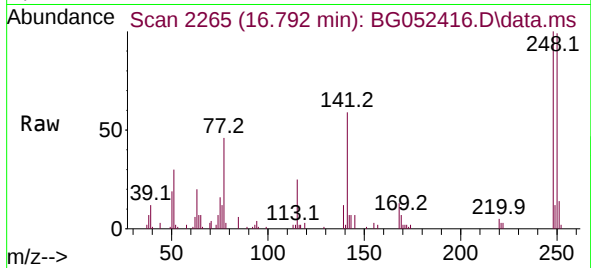
Tgt Ion:169 Resp: 54767
Ion Ratio Lower Upper
169 100
168 64.3 57.4 86.0
167 33.5 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 9.295 ng
RT: 16.792 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

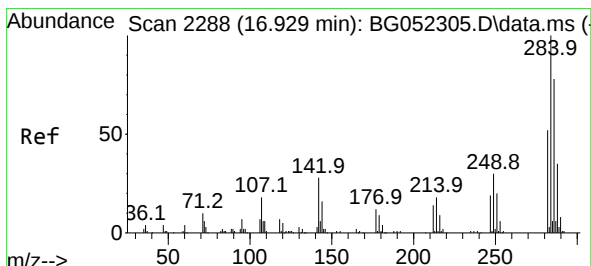
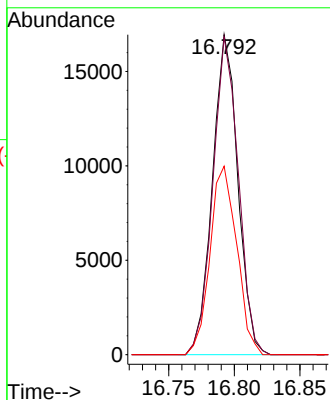
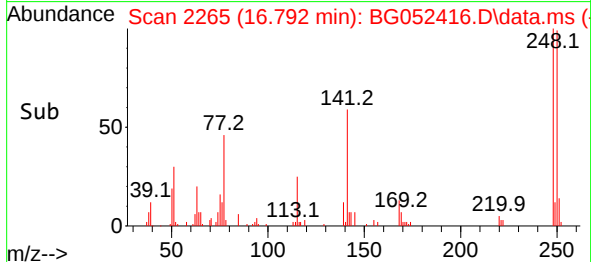
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:248 Resp: 22809
Ion Ratio Lower Upper
248 100
250 99.3 79.6 119.4
141 58.9 54.6 81.8

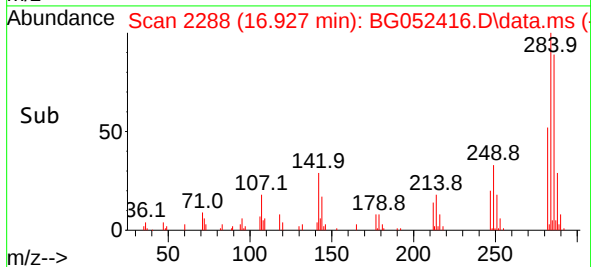
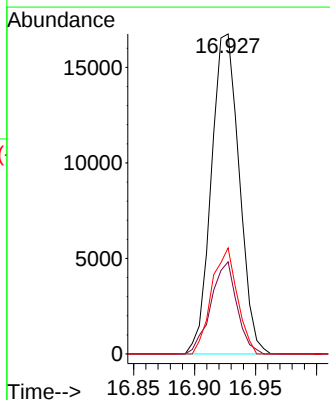
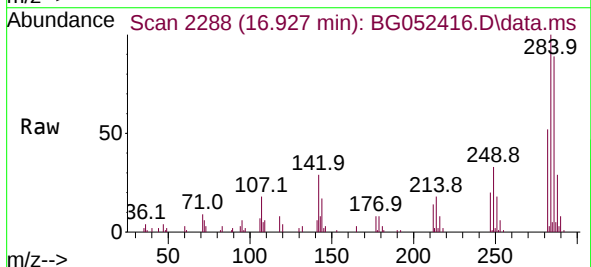
Manual Integrations
APPROVED

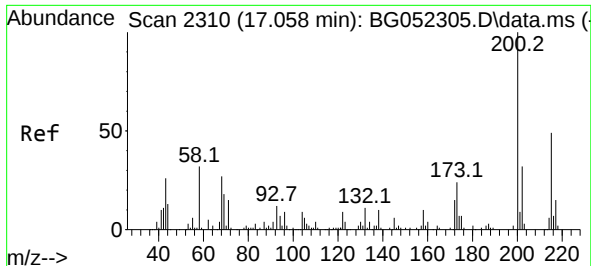
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#68
Hexachlorobenzene
Concen: 9.998 ng
RT: 16.927 min Scan# 2288
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

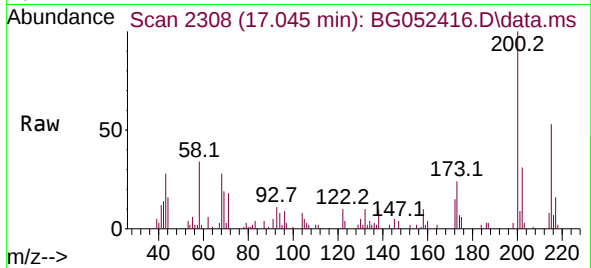
Tgt Ion:284 Resp: 26610
Ion Ratio Lower Upper
284 100
142 28.8 26.2 39.2
249 33.2 26.9 40.3





#69
 Atrazine
 Concen: 8.111 ng
 RT: 17.045 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG052416.D
 Acq: 17 Feb 2022 11:02

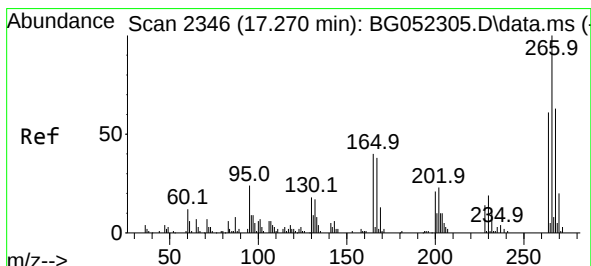
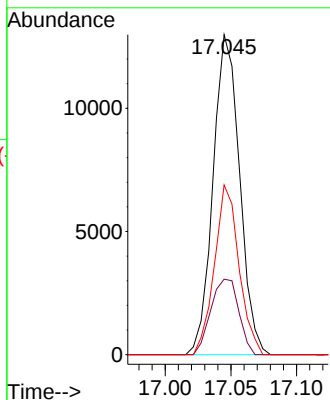
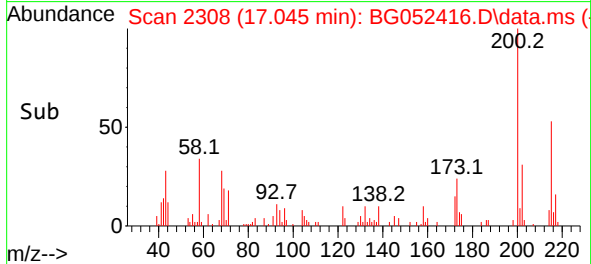
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



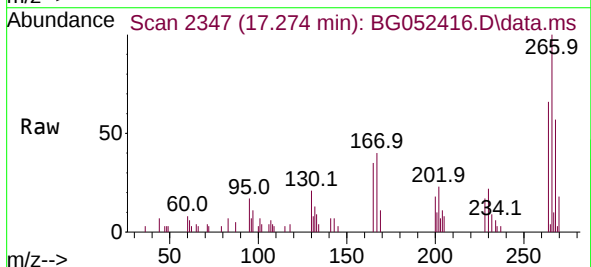
Tgt Ion:200 Resp: 1823
 Ion Ratio Lower Upper
 200 100
 173 23.6 3.3 43.3
 215 53.0 24.4 64.4

Manual Integrations
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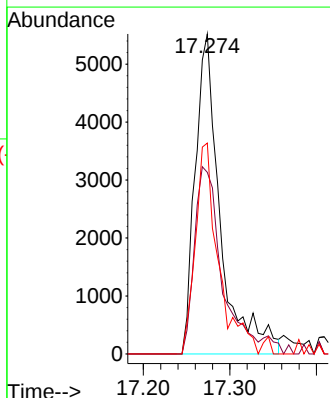
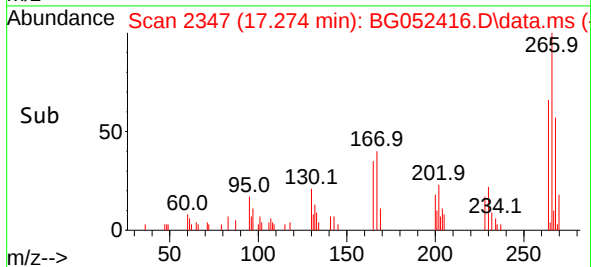
Reviewed By :Christian Giraldo 02/18/2022
 Supervised By :Jagrut Upadhyay 02/18/2022

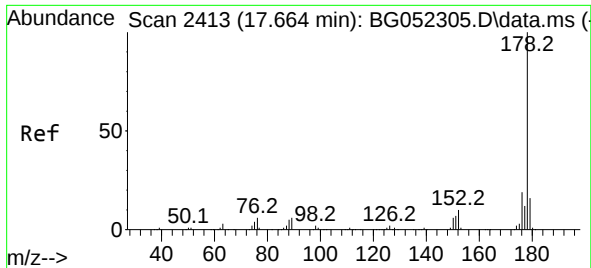


#70
 Pentachlorophenol
 Concen: 8.565 ng m
 RT: 17.274 min Scan# 2347
 Delta R.T. 0.004 min
 Lab File: BG052416.D
 Acq: 17 Feb 2022 11:02



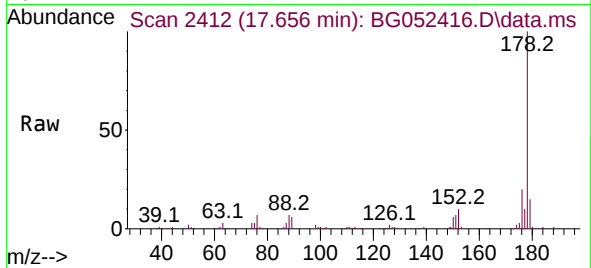
Tgt Ion:266 Resp: 11152
 Ion Ratio Lower Upper
 266 100
 268 56.8 50.6 75.8
 264 65.9 52.2 78.2





#71
Phenanthrene
Concen: 10.163 ng
RT: 17.656 min Scan# 2413
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

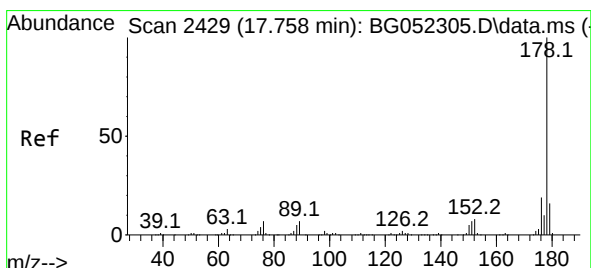
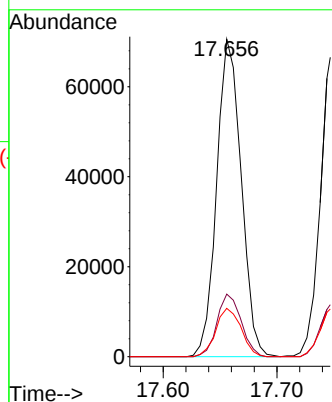
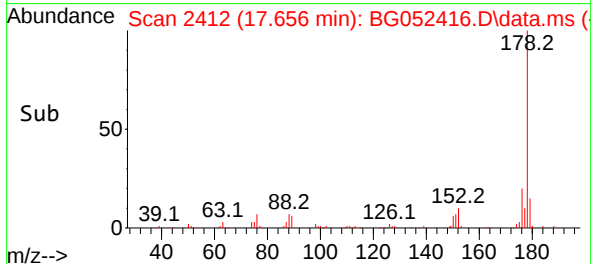
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



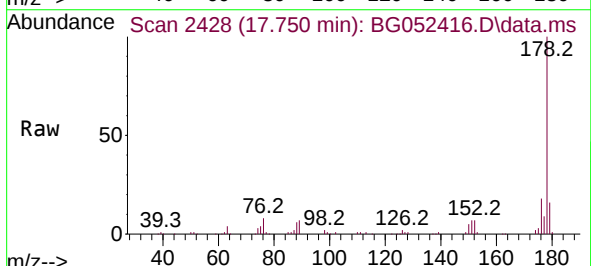
Tgt Ion:178 Resp: 10571
Ion Ratio Lower Upper
178 100
176 19.7 16.6 25.0
179 15.2 12.6 18.8

Manual Integrations
APPROVED

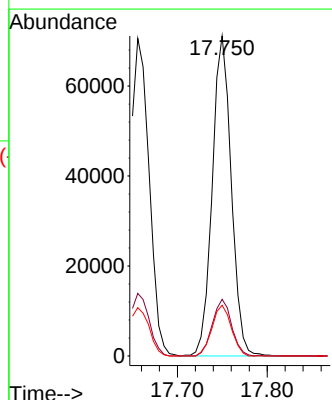
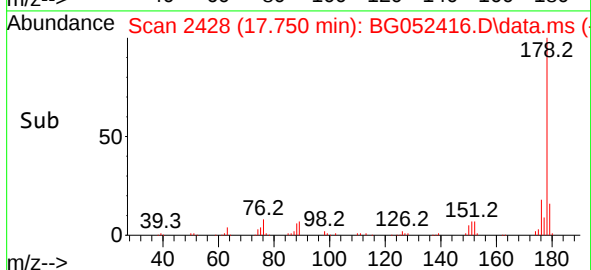
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

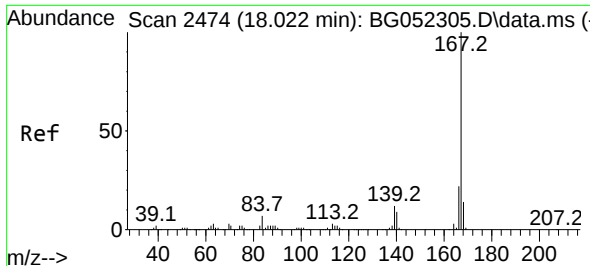


#72
Anthracene
Concen: 10.249 ng
RT: 17.750 min Scan# 2428
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02



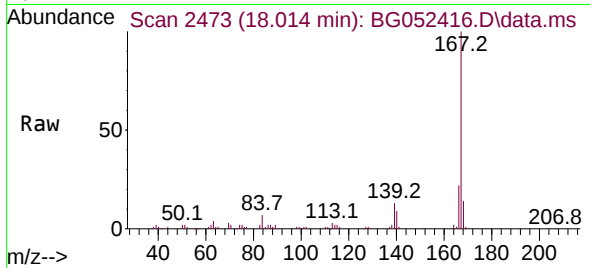
Tgt Ion:178 Resp: 104468
Ion Ratio Lower Upper
178 100
176 17.7 15.3 22.9
179 15.9 13.1 19.7





#73
 Carbazole
 Concen: 9.726 ng
 RT: 18.014 min Scan# 2473
 Delta R.T. -0.008 min
 Lab File: BG052416.D
 Acq: 17 Feb 2022 11:02

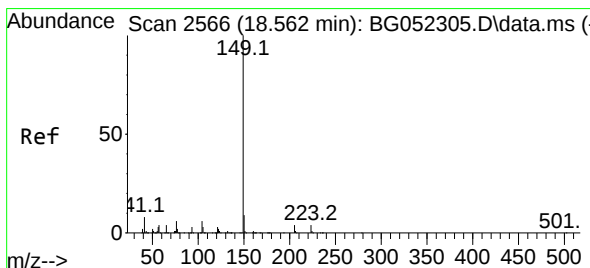
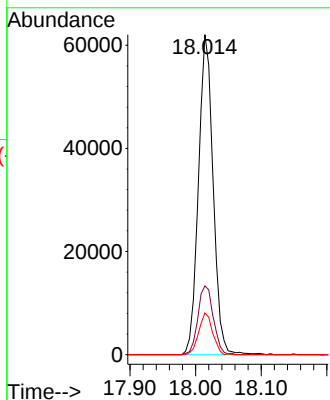
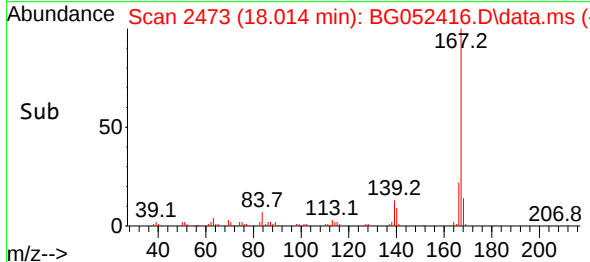
Instrument : BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



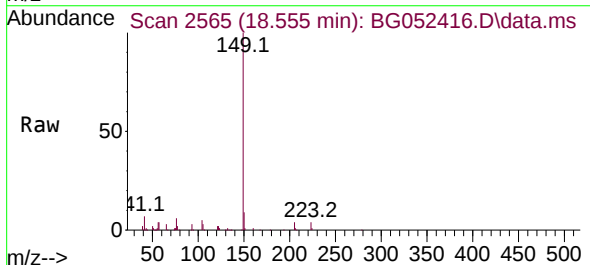
Tgt Ion:167 Resp: 96690
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 13.0 10.6 16.0

Manual Integrations
 APPROVED

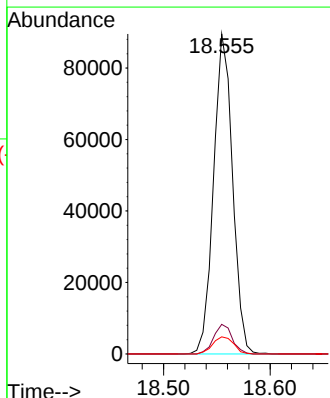
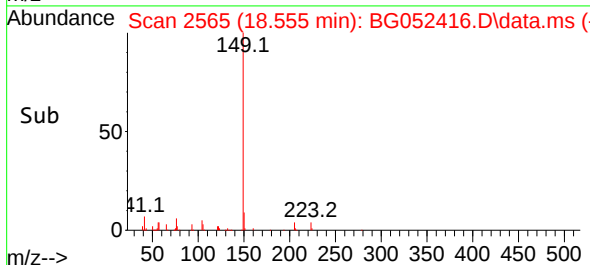
Reviewed By :Christian Giraldo 02/18/2022
 Supervised By :Jagrut Upadhyay 02/18/2022

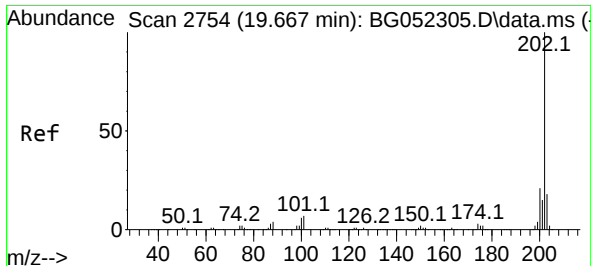


#74
 Di-n-butylphthalate
 Concen: 10.197 ng
 RT: 18.555 min Scan# 2565
 Delta R.T. -0.008 min
 Lab File: BG052416.D
 Acq: 17 Feb 2022 11:02



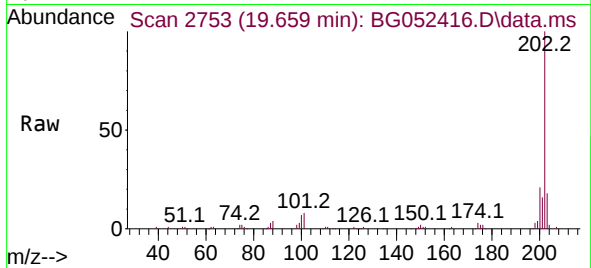
Tgt Ion:149 Resp: 110453
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.4 5.4 8.2#





#75
Fluoranthene
Concen: 10.441 ng
RT: 19.659 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

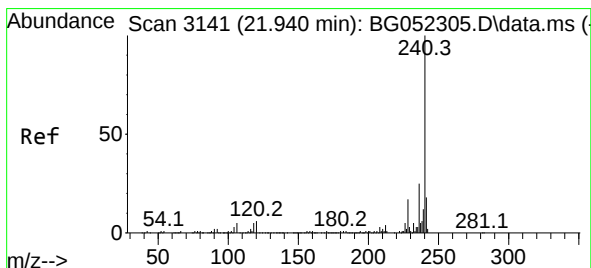
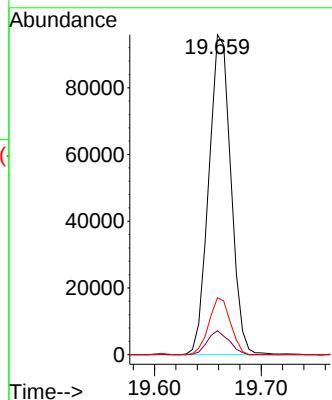
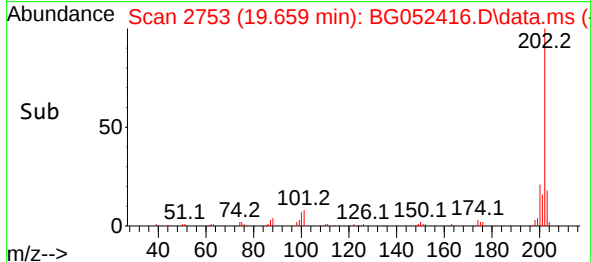
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:202 Resp: 138294
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.1
203 17.8 0.0 37.8

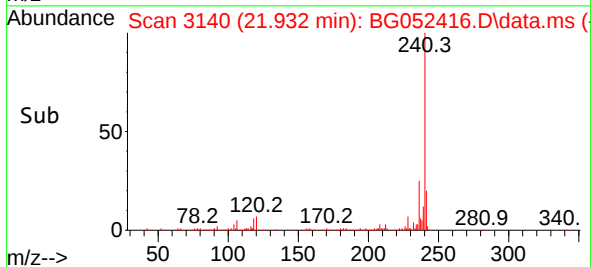
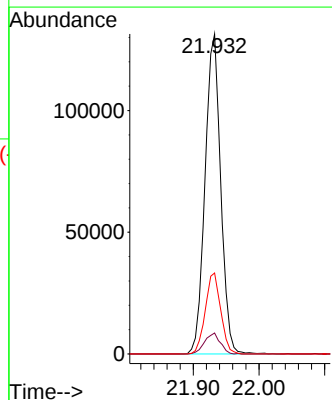
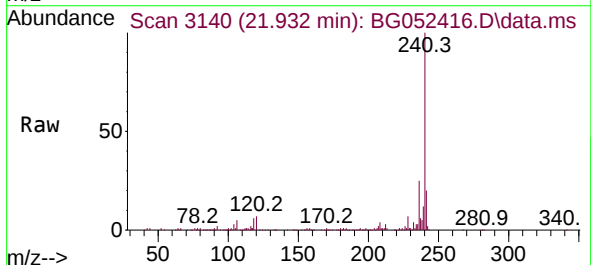
Manual Integrations
APPROVED

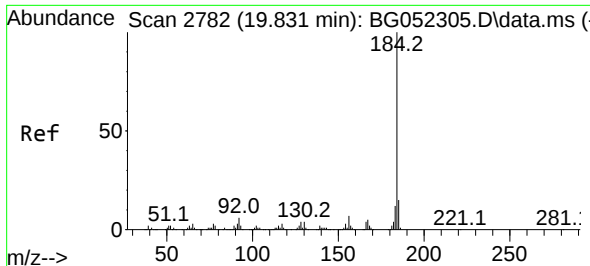
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.932 min Scan# 3140
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

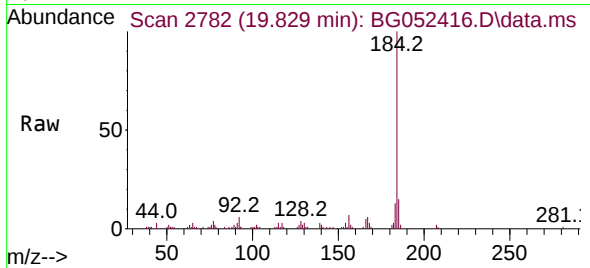
Tgt Ion:240 Resp: 218092
Ion Ratio Lower Upper
240 100
120 6.6 4.4 6.6
236 25.3 20.8 31.2





#77
Benzidine
Concen: 9.462 ng
RT: 19.829 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

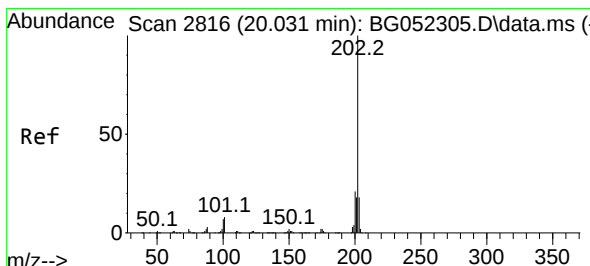
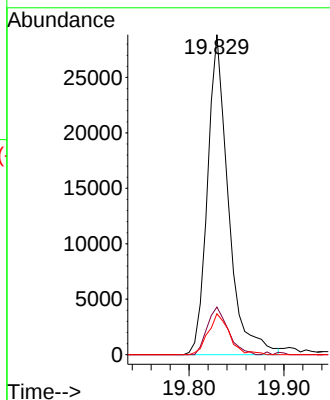
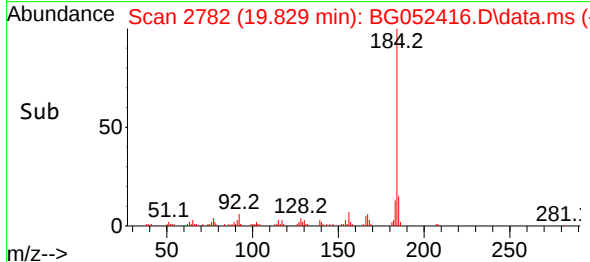
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



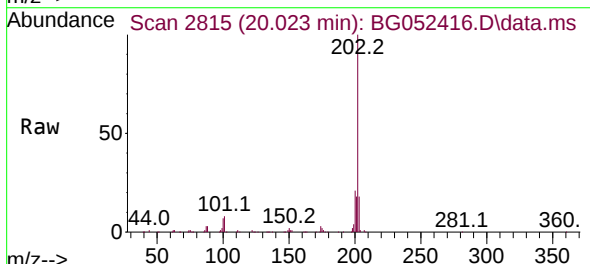
Tgt Ion:184 Resp: 4409
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.8
183 12.8 9.8 14.6

Manual Integrations
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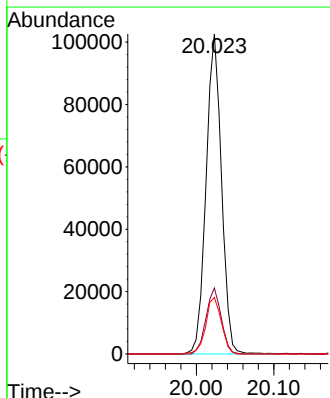
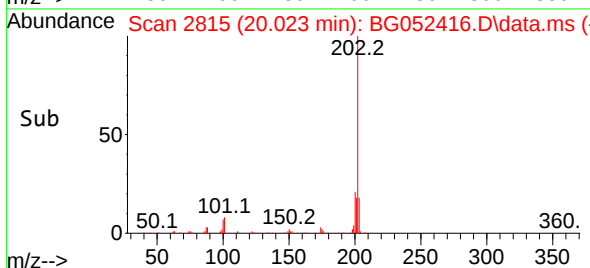
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

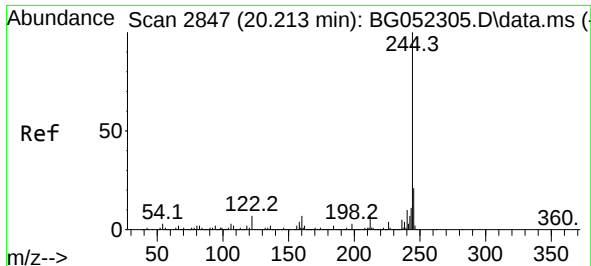


#78
Pyrene
Concen: 9.680 ng
RT: 20.023 min Scan# 2815
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02



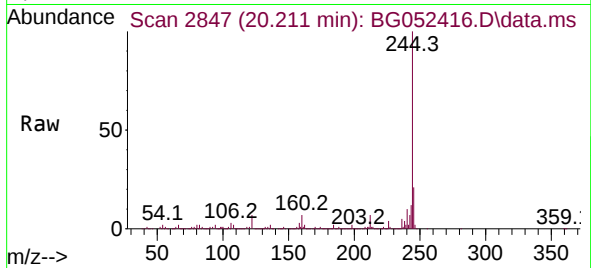
Tgt Ion:202 Resp: 141268
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.6 14.5 21.7





#79
 Terphenyl-d14
 Concen: 69.914 ng
 RT: 20.211 min Scan# 2847
 Delta R.T. -0.002 min
 Lab File: BG052416.D
 Acq: 17 Feb 2022 11:02

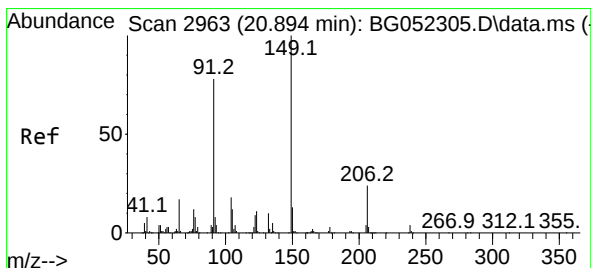
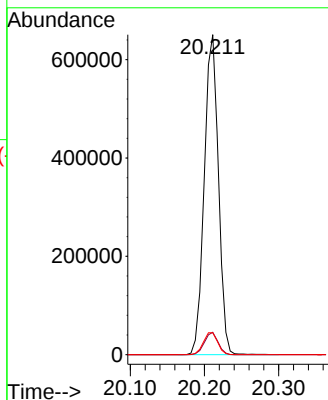
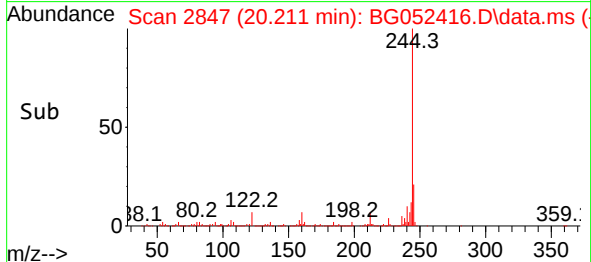
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion:244 Resp: 863470
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 6.9 6.2 9.4

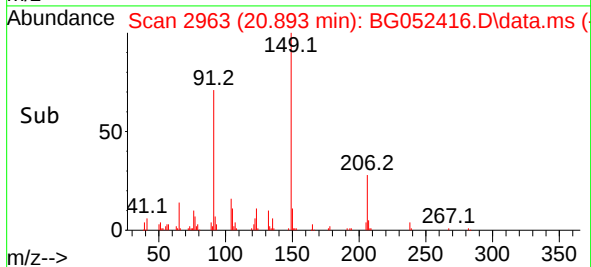
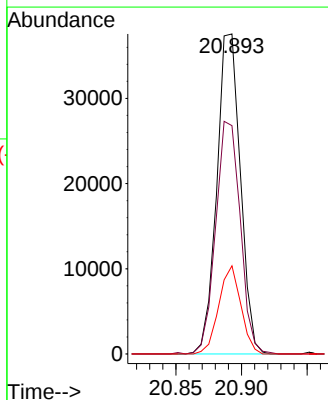
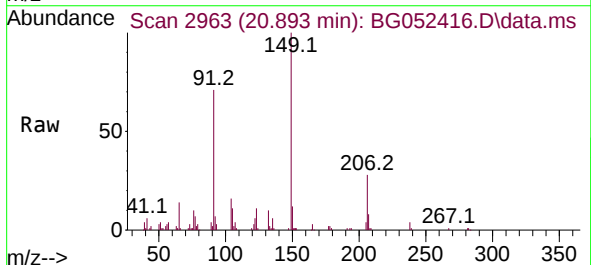
Manual Integrations
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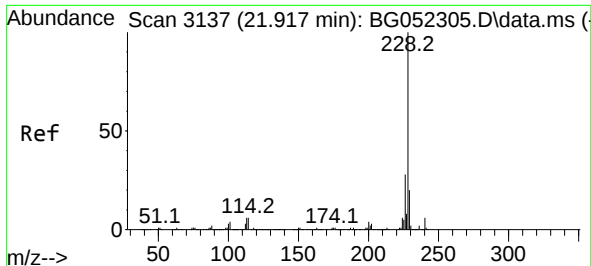
Reviewed By :Christian Giraldo 02/18/2022
 Supervised By :Jagrut Upadhyay 02/18/2022



#80
 Butylbenzylphthalate
 Concen: 9.260 ng
 RT: 20.893 min Scan# 2963
 Delta R.T. -0.002 min
 Lab File: BG052416.D
 Acq: 17 Feb 2022 11:02

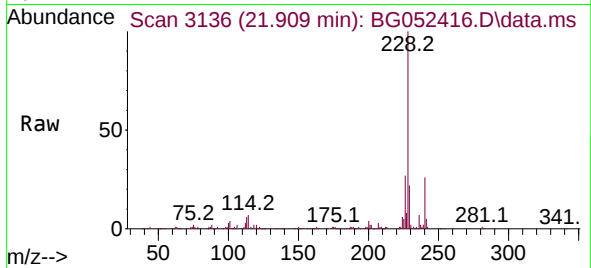
Tgt Ion:149 Resp: 46942
 Ion Ratio Lower Upper
 149 100
 91 71.3 64.0 96.0
 206 27.5 19.3 28.9





#81
Benzo(a)anthracene
Concen: 9.725 ng
RT: 21.909 min Scan# 3119
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

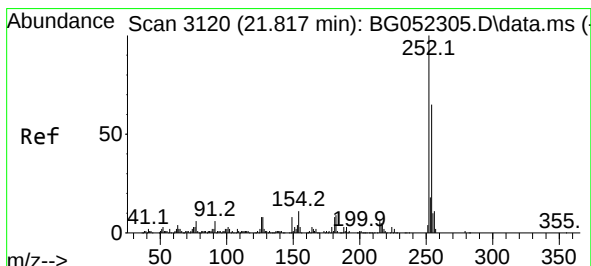
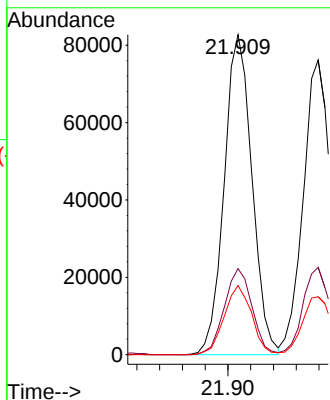
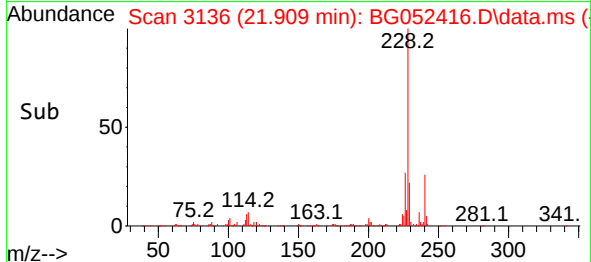
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:228 Resp: 14035
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 21.6 16.0 24.0

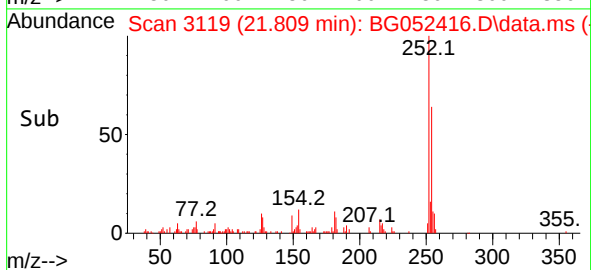
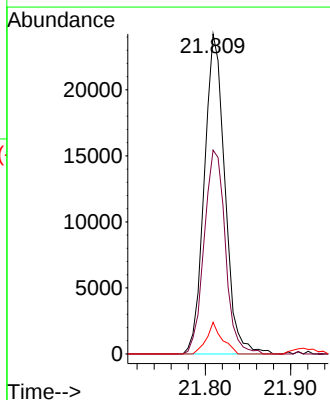
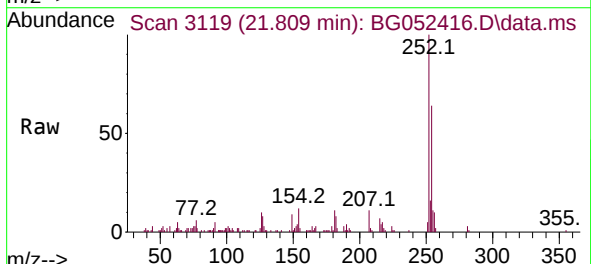
Manual Integrations
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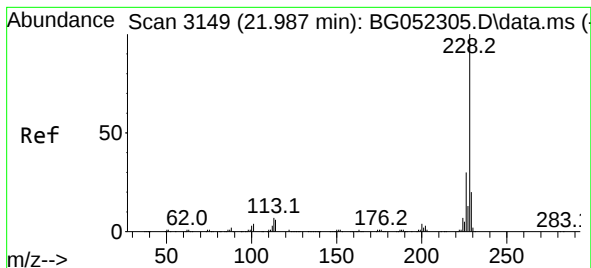
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#82
3,3'-Dichlorobenzidine
Concen: 8.053 ng
RT: 21.809 min Scan# 3119
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Tgt Ion:252 Resp: 40572
Ion Ratio Lower Upper
252 100
254 63.7 52.6 79.0
126 9.9 6.4 9.6#





#83

Chrysene

Concen: 9.486 ng

RT: 21.979 min Scan# 3149

Delta R.T. -0.008 min

Lab File: BG052416.D

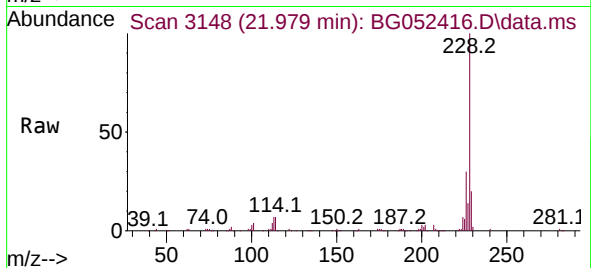
Acq: 17 Feb 2022 11:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2021



Tgt Ion:228 Resp: 12972

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

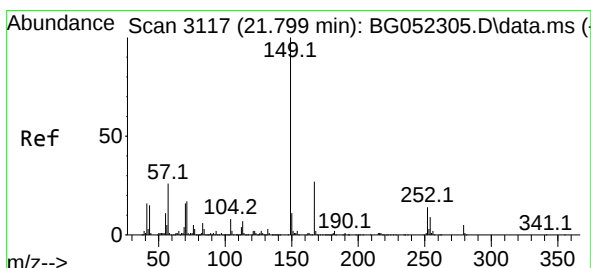
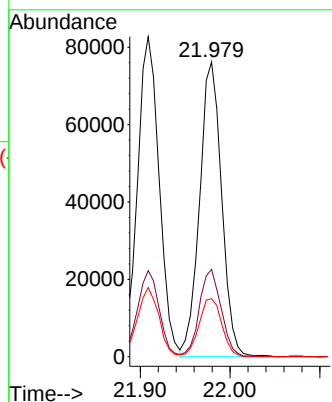
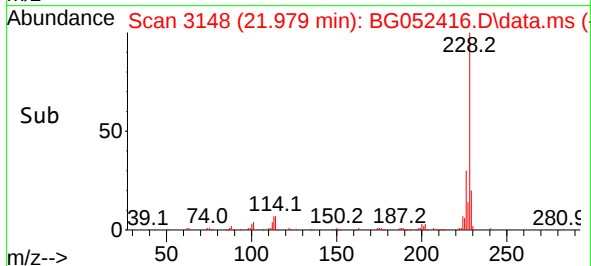
229 19.6 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/18/2022

Supervised By :Jagrut Upadhyay 02/18/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.720 ng

RT: 21.785 min Scan# 3115

Delta R.T. -0.014 min

Lab File: BG052416.D

Acq: 17 Feb 2022 11:02

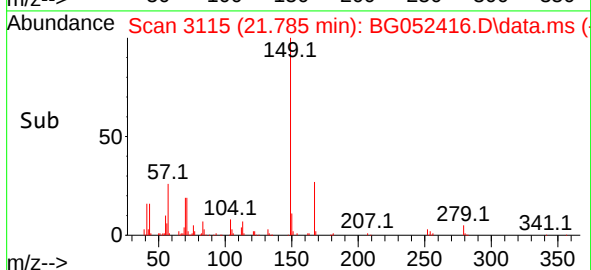
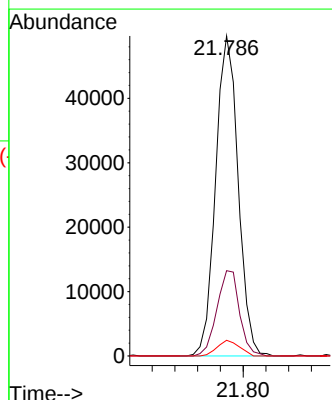
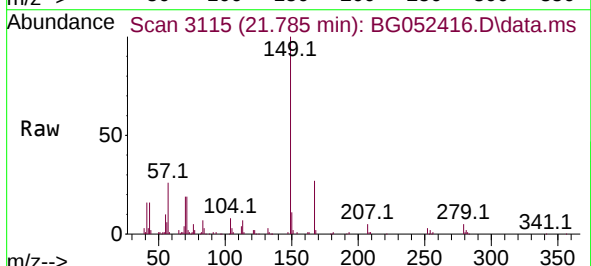
Tgt Ion:149 Resp: 68321

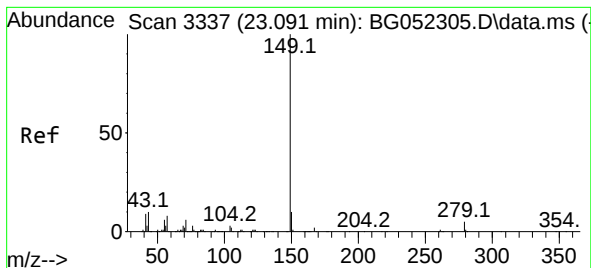
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

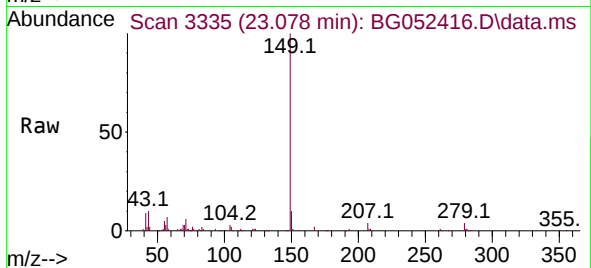
279 4.9 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 9.738 ng
RT: 23.078 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

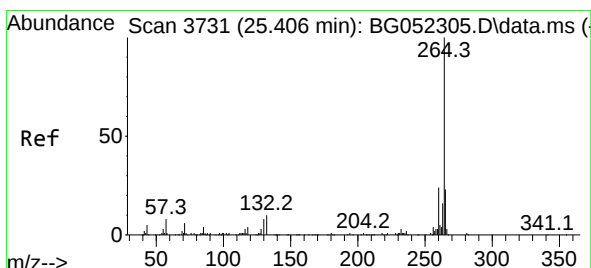
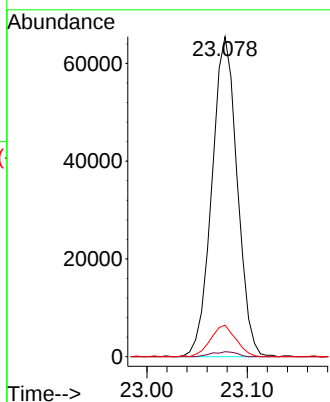
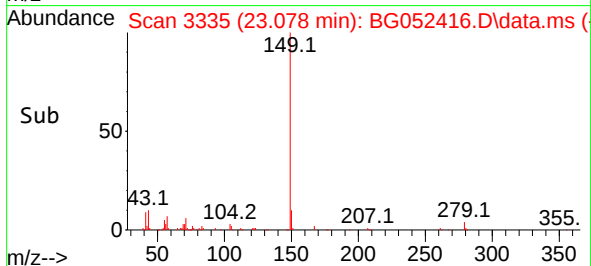
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:149 Resp: 114760
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 9.9 10.0 15.0

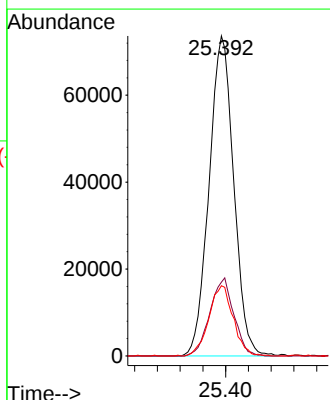
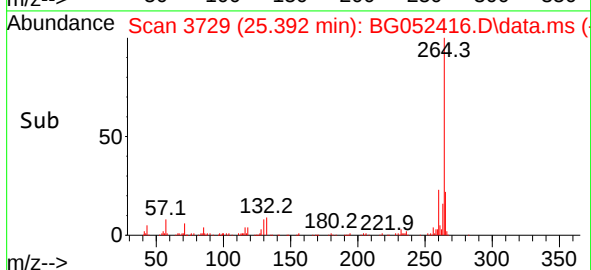
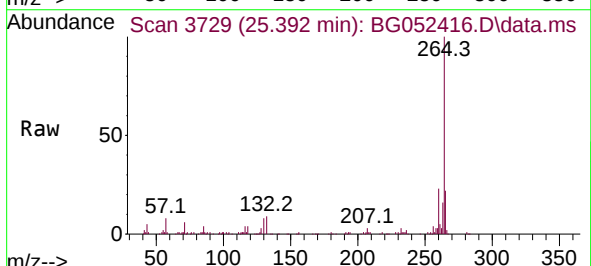
Manual Integrations
APPROVED

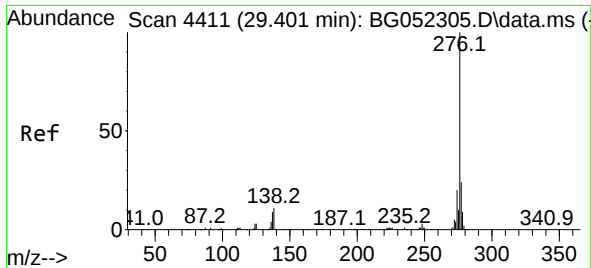
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.392 min Scan# 3729
Delta R.T. -0.014 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

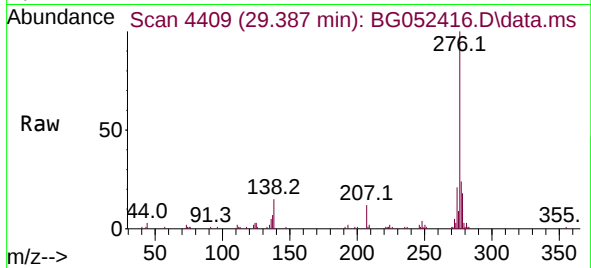
Tgt Ion:264 Resp: 221593
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 21.9 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.196 ng
RT: 29.387 min Scan# 4411
Delta R.T. -0.014 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

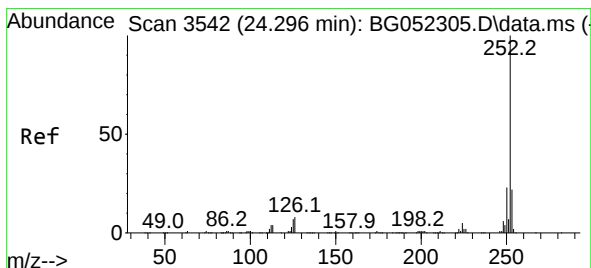
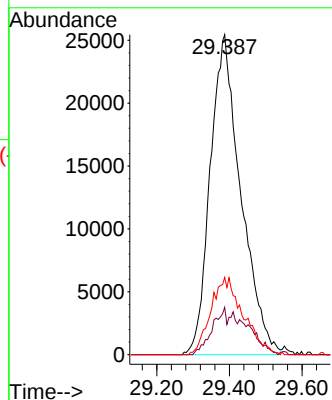
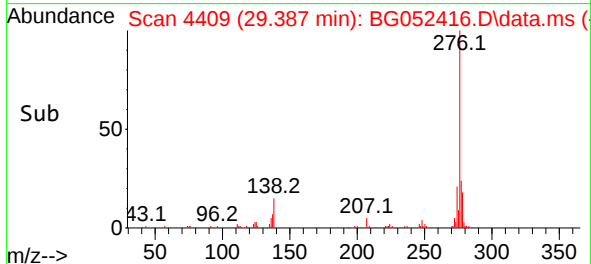
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



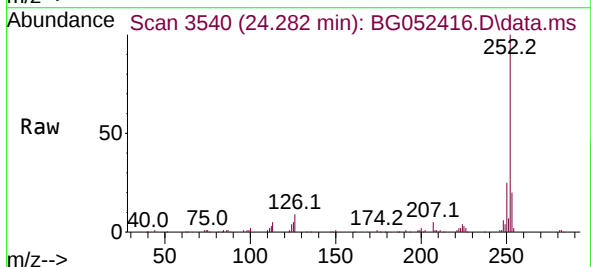
Tgt Ion:276 Resp: 149119
Ion Ratio Lower Upper
276 100
138 6.9 6.1 9.1
277 25.5 20.2 30.4

Manual Integrations
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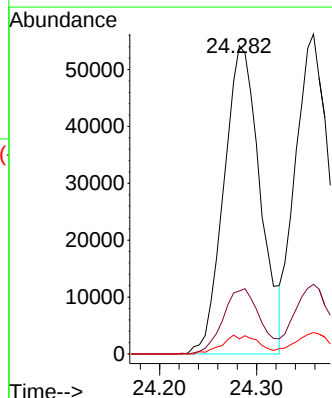
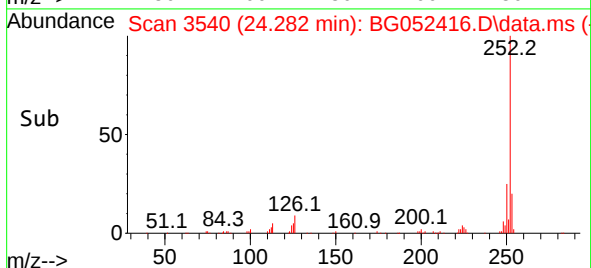
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

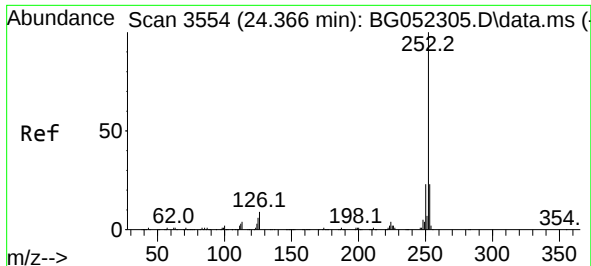


#88
Benzo(b)fluoranthene
Concen: 10.221 ng m
RT: 24.282 min Scan# 3540
Delta R.T. -0.014 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02



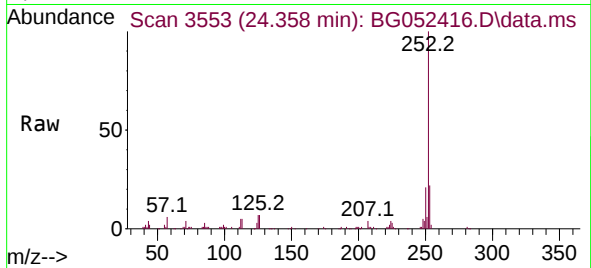
Tgt Ion:252 Resp: 141143
Ion Ratio Lower Upper
252 100
253 20.5 18.3 27.5
125 4.9 5.4 8.2#





#89
Benzo(k)fluoranthene
Concen: 10.074 ng
RT: 24.358 min Scan# 3554
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

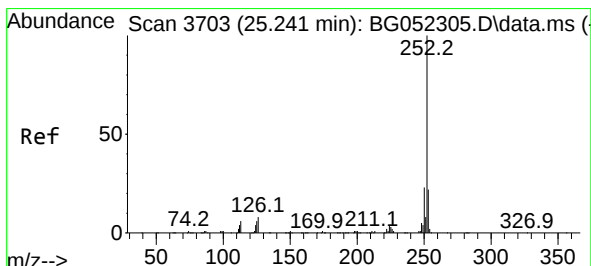
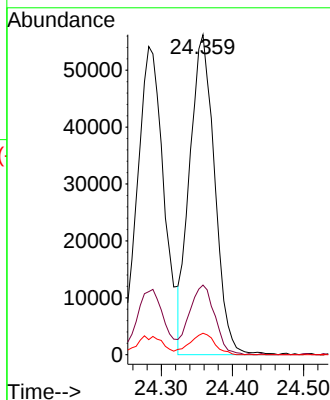
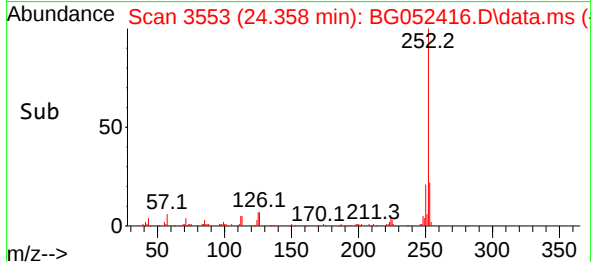
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:252 Resp: 137414
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 6.7 4.6 7.0

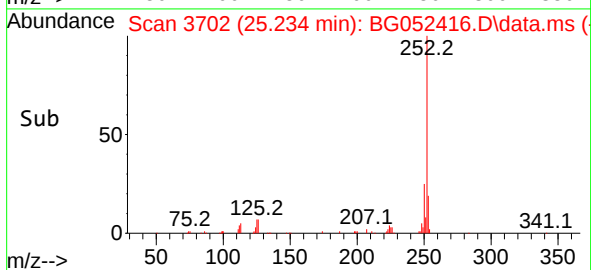
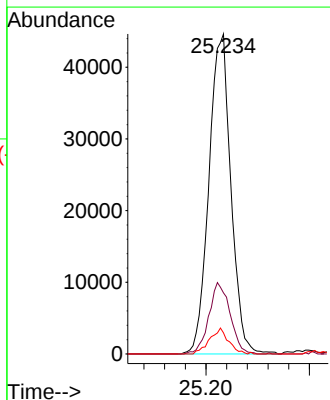
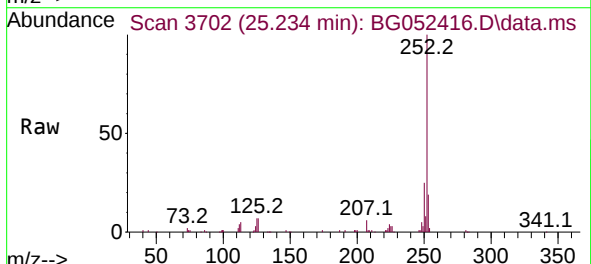
Manual Integrations
APPROVED

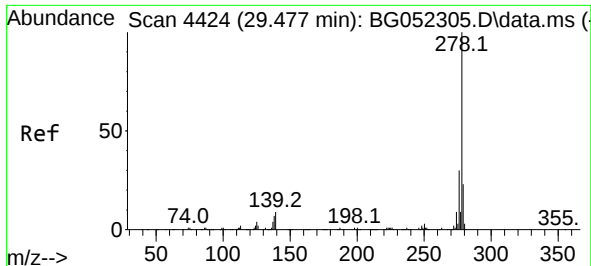
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#90
Benzo(a)pyrene
Concen: 11.292 ng
RT: 25.234 min Scan# 3702
Delta R.T. -0.008 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

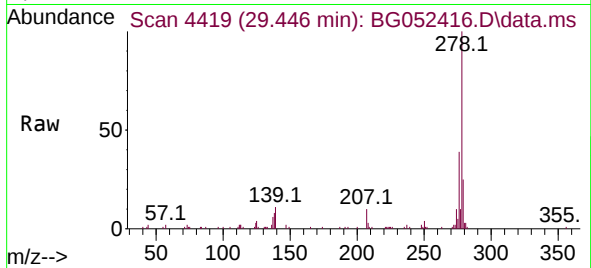
Tgt Ion:252 Resp: 131715
Ion Ratio Lower Upper
252 100
253 19.1 17.5 26.3
125 6.6 5.0 7.6





#91
Dibenzo(a,h)anthracene
Concen: 9.822 ng
RT: 29.446 min Scan# 4419
Delta R.T. -0.031 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

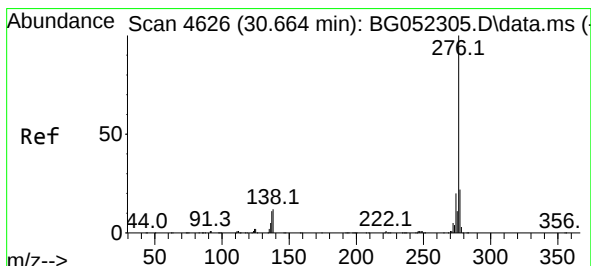
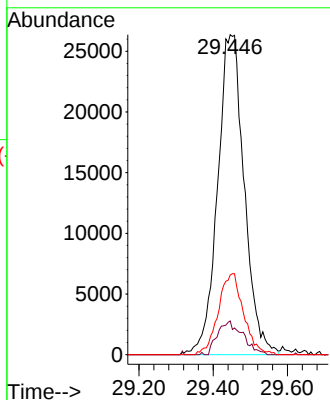
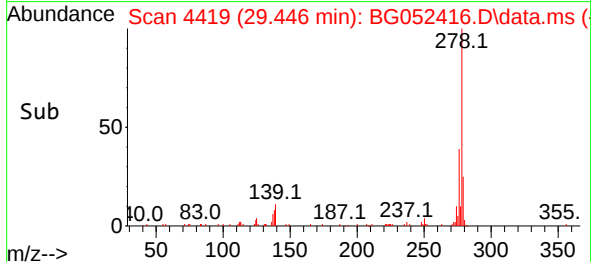
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 278 Resp: 131570
Ion Ratio Lower Upper
278 100
139 10.6 6.4 9.6
279 24.9 20.1 30.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 02/18/2022
Supervised By : Jagrut Upadhyay 02/18/2022



#92
Benzo(g,h,i)perylene
Concen: 9.769 ng
RT: 30.638 min Scan# 4622
Delta R.T. -0.025 min
Lab File: BG052416.D
Acq: 17 Feb 2022 11:02

Tgt Ion: 276 Resp: 128423
Ion Ratio Lower Upper
276 100
277 27.5 18.2 27.2
138 12.5 9.1 13.7

