

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
 Data File : BG052370.D
 Acq On : 11 Feb 2022 14:57
 Operator : CG/JU
 Sample : M4068-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Feb 11 15:40:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 11 13:59:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							02/14/2022
1) 1,4-Dichlorobenzene-d4	8.237	152	21799	20.000	ng	0.01	Supervised By :mohammad Ahmed
21) Naphthalene-d8	11.080	136	90058	20.000	ng	# 0.01	
39) Acenaphthene-d10	14.881	164	66817	20.000	ng	0.00	
64) Phenanthrene-d10	17.624	188	171998	20.000	ng	0.00	
76) Chrysene-d12	21.942	240	187600	20.000	ng	0.00	
86) Perylene-d12	25.414	264	190367	20.000	ng	0.00	02/15/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.770	112	135412	108.264	ng	0.02	
7) Phenol-d6	7.385	99	188432	97.641	ng	0.01	
23) Nitrobenzene-d5	9.412	82	145947	70.433	ng	0.01	
42) 2,4,6-Tribromophenol	16.367	330	108560	113.091	ng	0.00	
45) 2-Fluorobiphenyl	13.500	172	355314	73.891	ng	0.00	
79) Terphenyl-d14	20.221	244	767453	72.240	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.590	88	2916	5.063	ng	# 81	
3) Pyridine	4.013	79	7195	4.307	ng	96	
4) n-Nitrosodimethylamine	3.913	42	4008	4.647	ng	# 99	
6) Aniline	7.549	93	11538	5.146	ng	100	
8) 2-Chlorophenol	7.796	128	6791	4.936	ng	92	
9) Benzaldehyde	7.362	77	8074	6.815	ng	87	
10) Phenol	7.414	94	8700	4.537	ng	93	
11) bis(2-Chloroethyl)ether	7.638	93	7212	4.921	ng	86	
12) 1,3-Dichlorobenzene	8.125	146	8450	5.390	ng	95	
13) 1,4-Dichlorobenzene	8.272	146	8029	5.024	ng	92	
14) 1,2-Dichlorobenzene	8.601	146	7671	4.867	ng	98	
15) Benzyl Alcohol	8.472	79	6914	4.317	ng	85	
16) 2,2'-oxybis(1-Chloropr...	8.765	45	10083	4.764	ng	96	
17) 2-Methylphenol	8.683	107	5763	4.555	ng	93	
18) Hexachloroethane	9.341	117	3169	5.703	ng	88	
19) n-Nitroso-di-n-propyla...	9.042	70	6678	4.590	ng	# 84	
20) 3+4-Methylphenols	9.012	107	7773	4.294	ng	87	
22) Acetophenone	9.065	105	11561	4.857	ng	# 91	
24) Nitrobenzene	9.453	77	9950	5.062	ng	# 88	
25) Isophorone	9.976	82	17385	4.931	ng	97	
26) 2-Nitrophenol	10.175	139	3663	4.397	ng	# 87	
27) 2,4-Dimethylphenol	10.228	122	7333	5.945	ng	# 74	
28) bis(2-Chloroethoxy)met...	10.457	93	10077	5.036	ng	# 85	
29) 2,4-Dichlorophenol	10.722	162	6395	4.325	ng	92	
30) 1,2,4-Trichlorobenzene	10.939	180	8059	4.668	ng	96	
31) Naphthalene	11.127	128	23032	4.878	ng	97	
32) Benzoic acid	10.340	122	1236	1.706	ng	# 62	
33) 4-Chloroaniline	11.227	127	9029	4.581	ng	# 93	
34) Hexachlorobutadiene	11.415	225	5429	4.656	ng	# 86	
35) Caprolactam	11.967	113	2266	4.205	ng	96	
36) 4-Chloro-3-methylphenol	12.349	107	7394	4.396	ng	91	
37) 2-Methylnaphthalene	12.719	142	17062	4.866	ng	95	
38) 1-Methylnaphthalene	12.942	142	16778m	4.938	ng		
40) 1,2,4,5-Tetrachloroben...	13.089	216	11147	5.072	ng	# 95	
41) Hexachlorocyclopentadiene	13.066	237	2081	2.243	ng	81	
43) 2,4,6-Trichlorophenol	13.318	196	6490	4.515	ng	83	

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 ClientSampleId :
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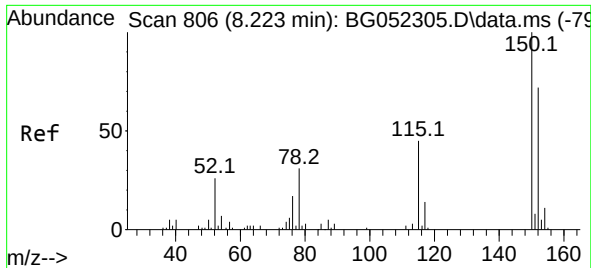
Manual Integrations
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 Upadhyay

Quant Time: Feb 11 15:40:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 11 13:59:40 2022
 Response via : Initial Calibration

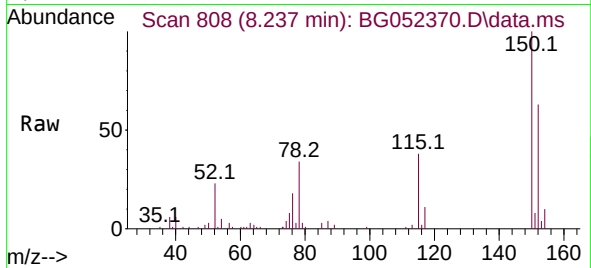
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.400	196	6301	4.045	ng	#	93
46) 1,1'-Biphenyl	13.712	154	24611	5.023	ng		96
47) 2-Chloronaphthalene	13.759	162	18264	4.838	ng		97
48) 2-Nitroaniline	13.958	65	6106	4.544	ng	#	85
49) Acenaphthylene	14.605	152	32439	5.279	ng		94
50) Dimethylphthalate	14.317	163	25213	4.926	ng		99
51) 2,6-Dinitrotoluene	14.440	165	5542	5.017	ng	#	87
52) Acenaphthene	14.945	154	18088	4.495	ng		97
53) 3-Nitroaniline	14.775	138	5228	4.554	ng	#	86
54) 2,4-Dinitrophenol	14.986	184	688	1.149	ng	#	52
55) Dibenzofuran	15.274	168	31367	4.956	ng		96
56) 4-Nitrophenol	15.098	139	3502	4.062	ng	#	71
57) 2,4-Dinitrotoluene	15.227	165	7803	4.963	ng	#	86
58) Fluorene	15.921	166	26672	5.279	ng	#	93
59) 2,3,4,6-Tetrachlorophenol	15.503	232	6243	4.196	ng	#	97
60) Diethylphthalate	15.668	149	25824	4.994	ng		97
61) 4-Chlorophenyl-phenyle...	15.909	204	14426	5.013	ng		90
62) 4-Nitroaniline	15.932	138	5541	4.584	ng	#	83
63) Azobenzene	16.202	77	25792	4.873	ng		95
65) 4,6-Dinitro-2-methylph...	15.997	198	2721	2.630	ng		83
66) n-Nitrosodiphenylamine	16.120	169	22588	4.766	ng		92
67) 4-Bromophenyl-phenylether	16.808	248	9764	4.668	ng		98
68) Hexachlorobenzene	16.937	284	10504	4.630	ng		90
69) Atrazine	17.060	200	9960	5.199	ng		88
70) Pentachlorophenol	17.283	266	2268	2.043	ng		96
71) Phenanthrene	17.671	178	45136	5.091	ng		99
72) Anthracene	17.759	178	44552	5.128	ng		95
73) Carbazole	18.029	167	41604	4.909	ng		96
74) Di-n-butylphthalate	18.564	149	47039	5.095	ng		98
75) Fluoranthene	19.674	202	58646	5.194	ng		98
77) Benzidine	19.839	184	29794	7.433	ng		96
78) Pyrene	20.033	202	60329	4.806	ng		100
80) Butylbenzylphthalate	20.902	149	20671	4.741	ng		95
81) Benzo(a)anthracene	21.924	228	61090	4.921	ng		98
82) 3,3'-Dichlorobenzidine	21.824	252	22556	5.205	ng		99
83) Chrysene	21.989	228	55771	4.741	ng		98
84) Bis(2-ethylhexyl)phtha...	21.801	149	29459	4.872	ng		99
85) Di-n-octyl phthalate	23.093	149	48630	4.797	ng		98
87) Indeno(1,2,3-cd)pyrene	29.420	276	61211	4.394	ng	#	91
88) Benzo(b)fluoranthene	24.309	252	59813	5.042	ng		99
89) Benzo(k)fluoranthene	24.374	252	56911	4.856	ng		95
90) Benzo(a)pyrene	25.249	252	57511	5.739	ng	#	97
91) Dibenzo(a,h)anthracene	29.490	278	54785	4.761	ng	#	98
92) Benzo(g,h,i)perylene	30.665	276	53286	4.718	ng	#	92

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.237 min Scan# 80
Delta R.T. 0.014 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

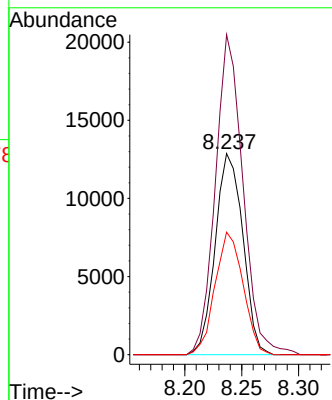
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:152 Resp: 21799
Ion Ratio Lower Upper
152 100
150 159.1 117.8 176.8
115 60.9 50.2 75.2

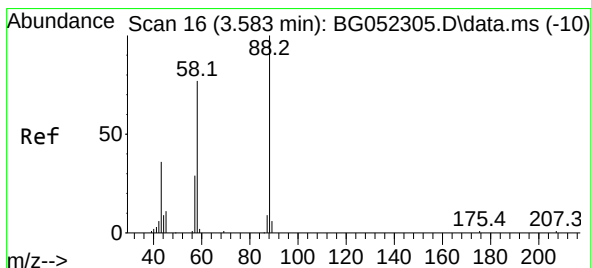
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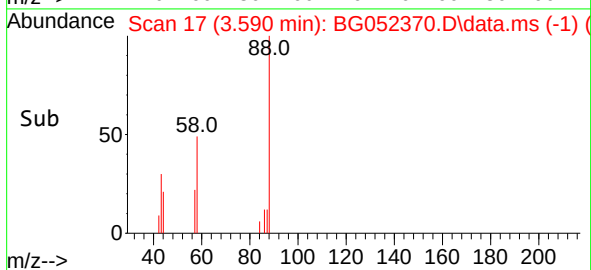
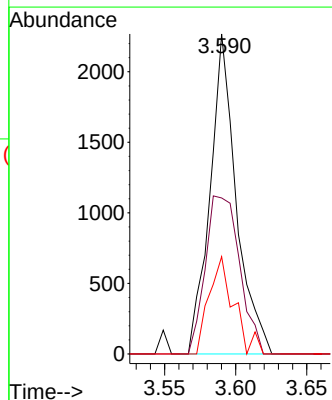
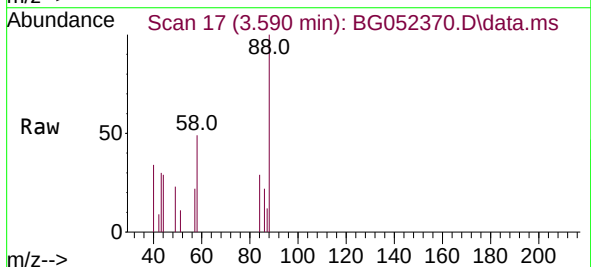
02/14/2022
Supervised By :mohammad
ahmed

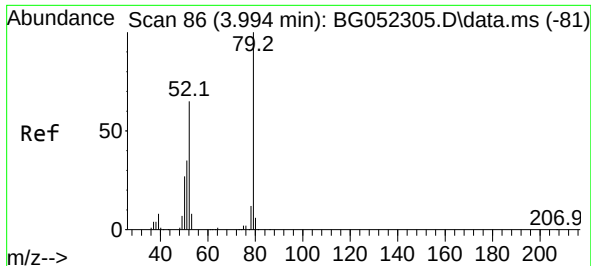
02/15/2022



#2
1,4-Dioxane
Concen: 5.063 ng
RT: 3.590 min Scan# 17
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

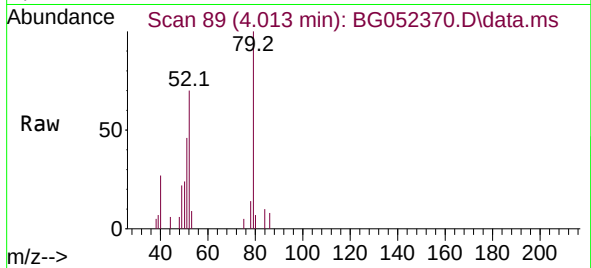
Tgt Ion: 88 Resp: 2916
Ion Ratio Lower Upper
88 100
58 64.4 65.8 98.8#
43 28.7 31.6 47.4#





#3
Pyridine
Concen: 4.307 ng
RT: 4.013 min Scan# 86
Delta R.T. 0.019 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

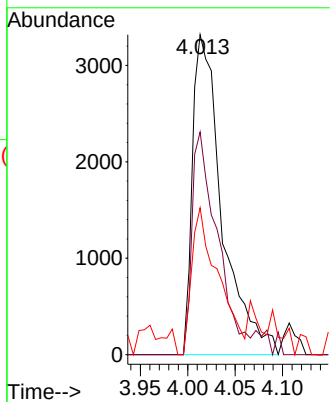
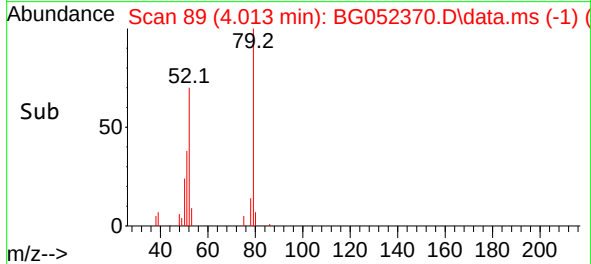
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 79 Resp: 719
Ion Ratio Lower Upper
79 100
52 69.6 55.0 82.6
51 45.9 32.5 48.7

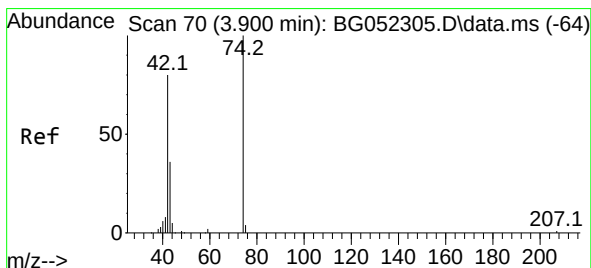
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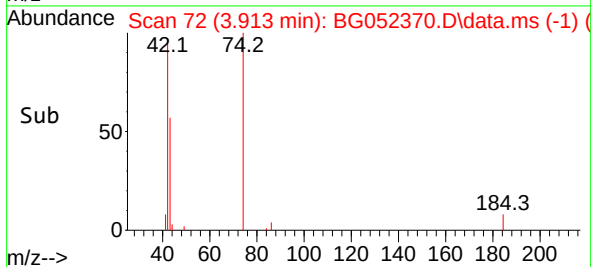
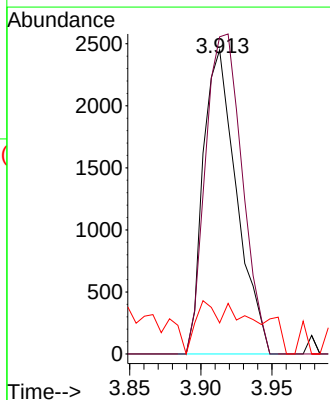
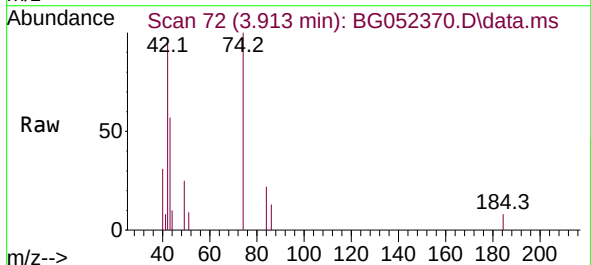
02/14/2022
Supervised By :mohammad
ahmed

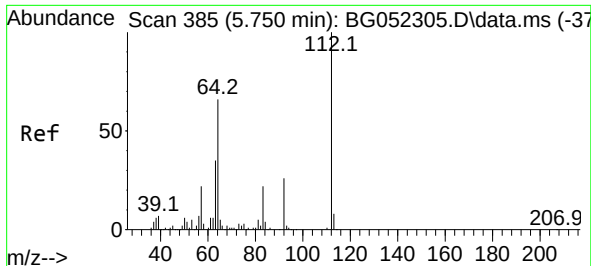
02/15/2022



#4
n-Nitrosodimethylamine
Concen: 4.647 ng
RT: 3.913 min Scan# 72
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

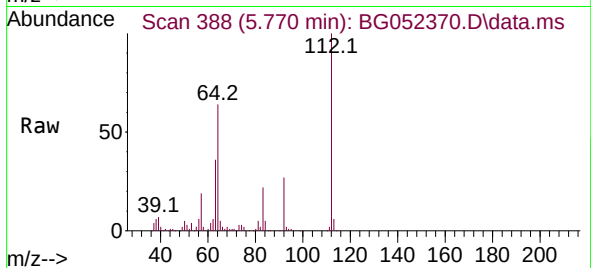
Tgt Ion: 42 Resp: 4008
Ion Ratio Lower Upper
42 100
74 104.3 83.0 124.4
44 10.2 5.0 7.6





#5
2-Fluorophenol
Concen: 108.264 ng
RT: 5.770 min Scan# 385
Delta R.T. 0.019 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

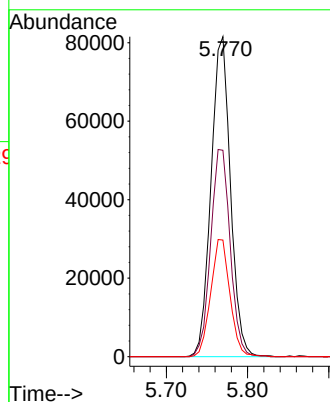
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 112 Resp: 13541
Ion Ratio Lower Upper
112 100
64 64.5 60.4 90.6
63 36.4 33.3 49.9

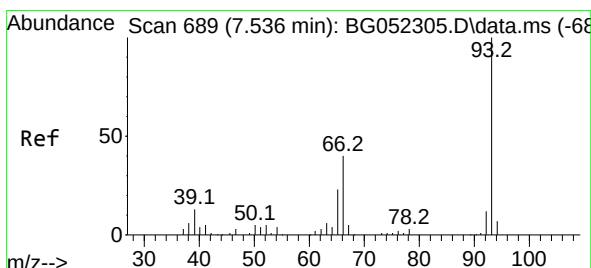
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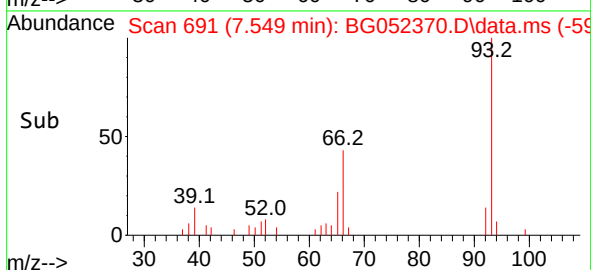
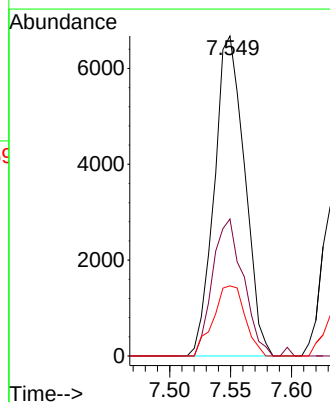
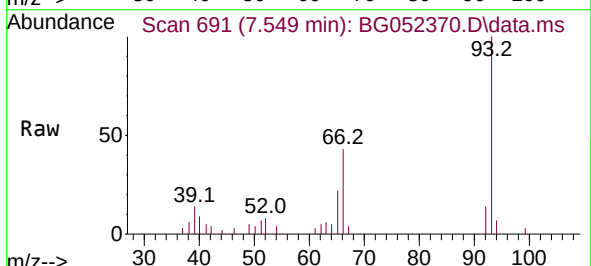
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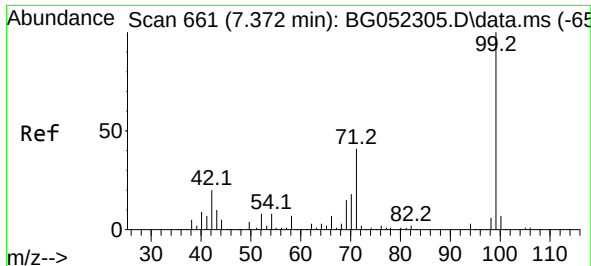
02/15/2022



#6
Aniline
Concen: 5.146 ng
RT: 7.549 min Scan# 691
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

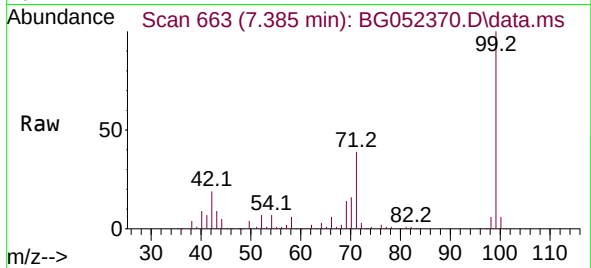
Tgt Ion: 93 Resp: 11538
Ion Ratio Lower Upper
93 100
66 42.8 34.3 51.5
65 21.9 17.6 26.4





#7
Phenol-d6
Concen: 97.641 ng
RT: 7.385 min Scan# 661
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

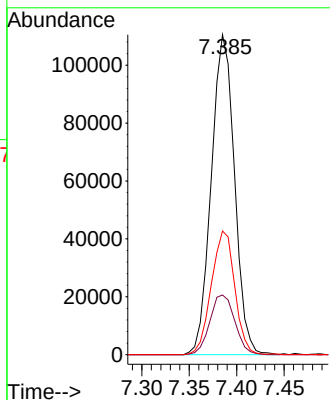
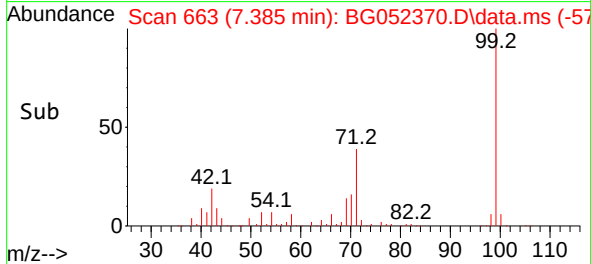
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 99 Resp: 18843
Ion Ratio Lower Upper
99 100
42 18.6 19.1 28.7
71 38.6 33.4 50.2

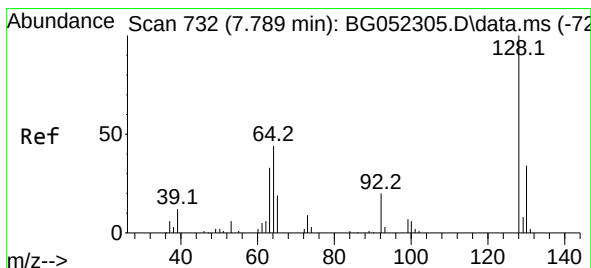
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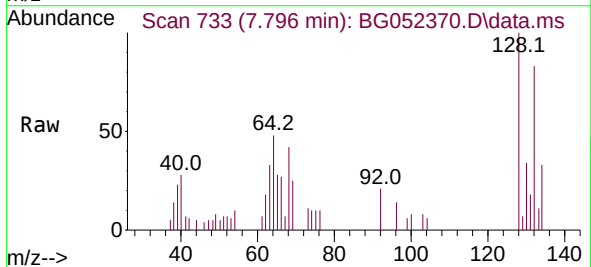


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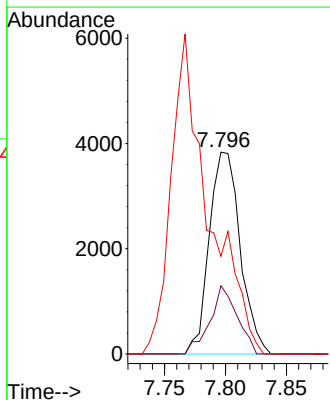
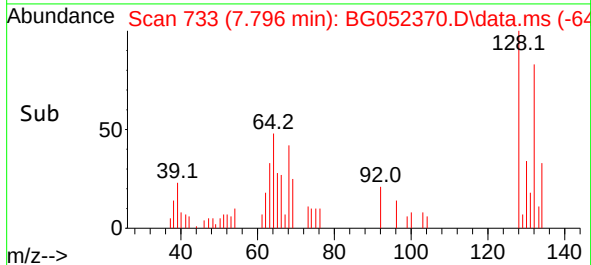
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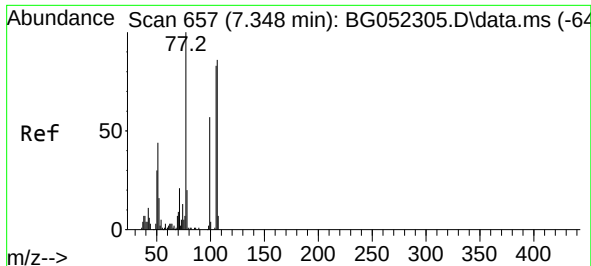


#8
2-Chlorophenol
Concen: 4.936 ng
RT: 7.796 min Scan# 733
Delta R.T. 0.007 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



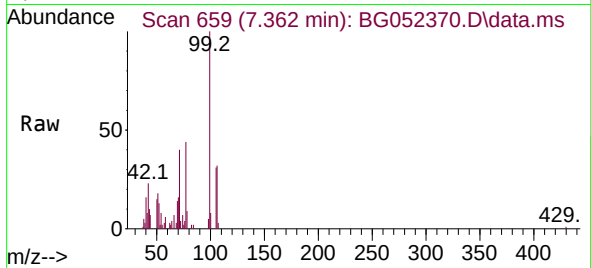
Tgt Ion:128 Resp: 6791
Ion Ratio Lower Upper
128 100
130 33.8 13.6 53.6
64 48.4 37.8 77.8





#9
Benzaldehyde
Concen: 6.815 ng
RT: 7.362 min Scan# 657
Delta R.T. 0.014 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

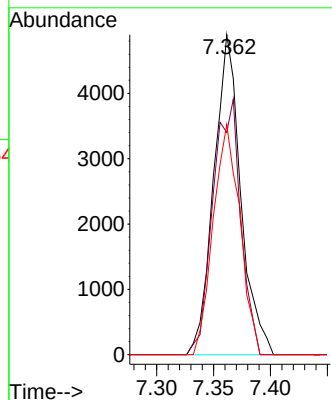
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 77 Resp: 8074
Ion Ratio Lower Upper
77 100
105 69.4 66.1 106.1
106 71.9 58.1 98.1

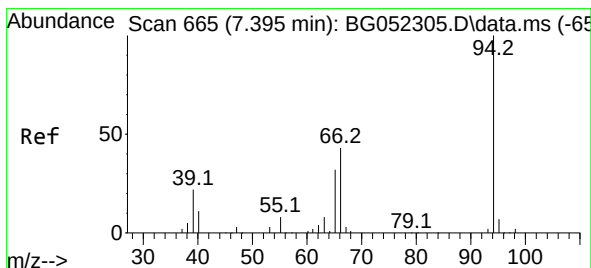
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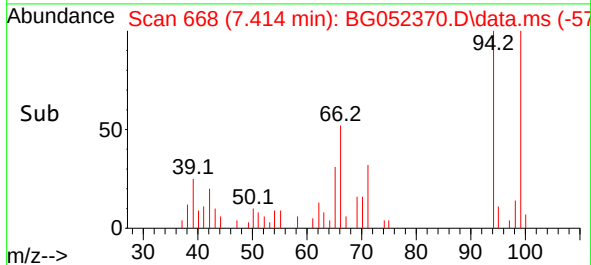
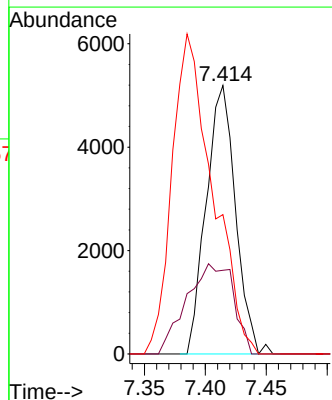
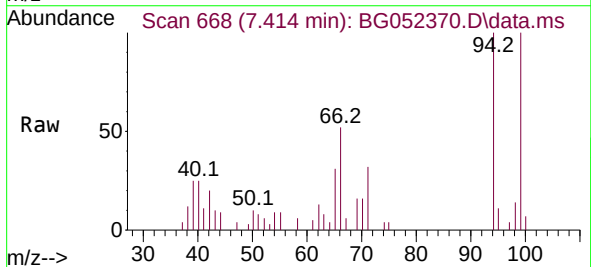
02/14/2022
Supervised By :mohammad
ahmed

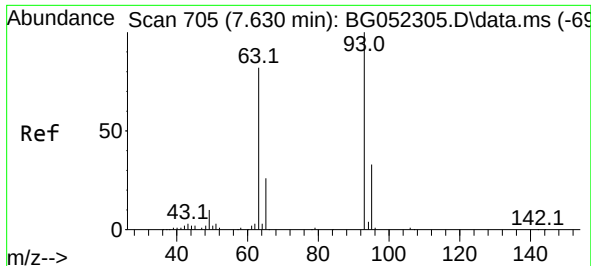
02/15/2022



#10
Phenol
Concen: 4.537 ng
RT: 7.414 min Scan# 668
Delta R.T. 0.019 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

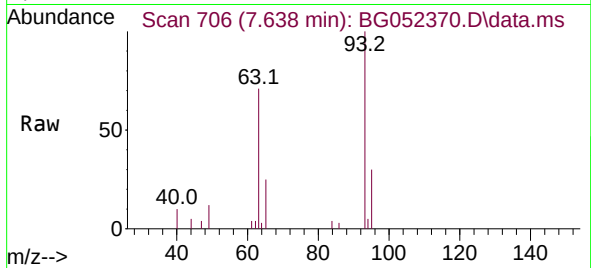
Tgt Ion: 94 Resp: 8700
Ion Ratio Lower Upper
94 100
65 31.2 14.1 54.1
66 51.9 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 4.921 ng
RT: 7.638 min Scan# 705
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

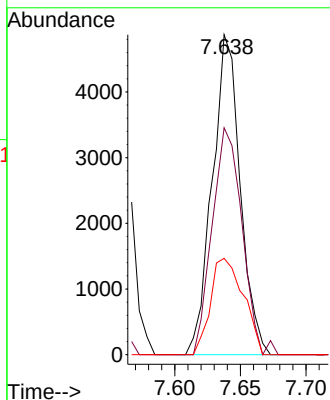
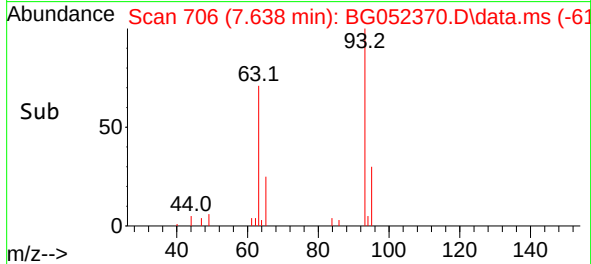
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 93 Resp: 721
Ion Ratio Lower Upper
93 100
63 70.9 67.1 107.1
95 30.1 13.0 53.0

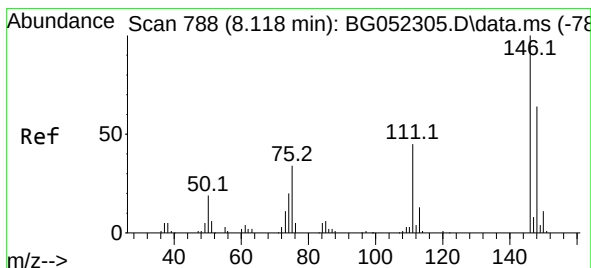
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Upadhyay

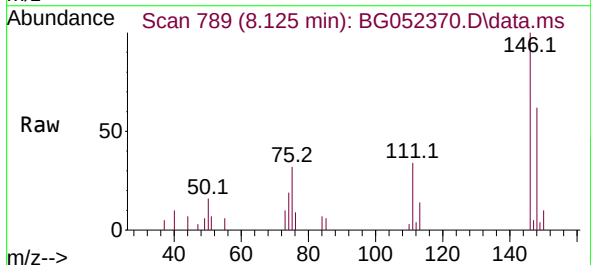


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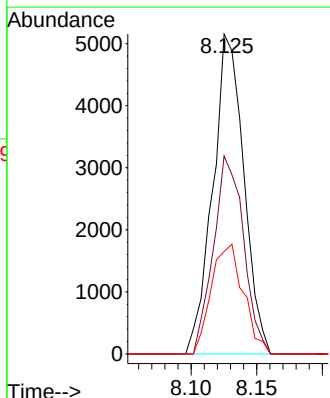
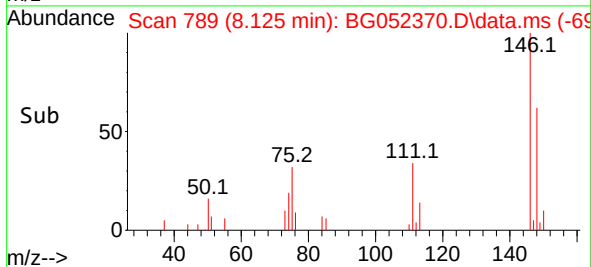
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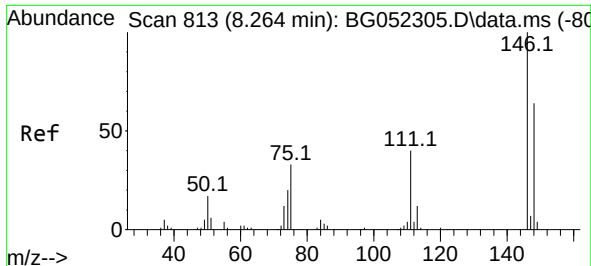


#12
1,3-Dichlorobenzene
Concen: 5.390 ng
RT: 8.125 min Scan# 789
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



Tgt Ion:146 Resp: 8450
Ion Ratio Lower Upper
146 100
148 61.9 49.1 73.7
75 32.0 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 5.024 ng

RT: 8.272 min Scan# 813

Delta R.T. 0.008 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

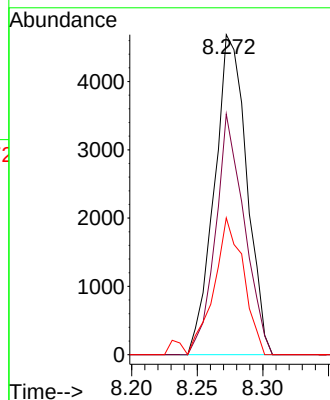
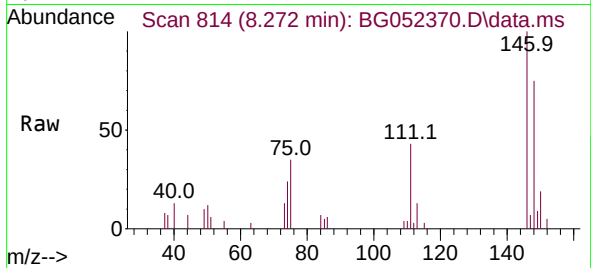
LOQ-SOIL-02-QT4-2021

Tgt Ion:146	Resp:	8029
Ion Ratio	Lower	Upper
146	100	
148	75.2	52.6 78.8
111	42.8	33.8 50.8

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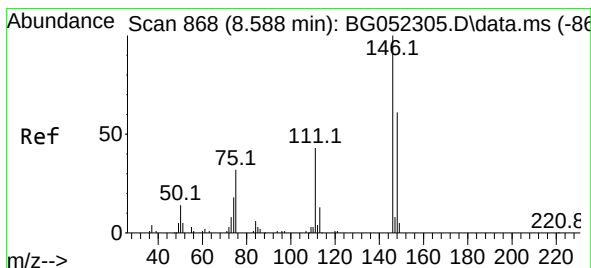
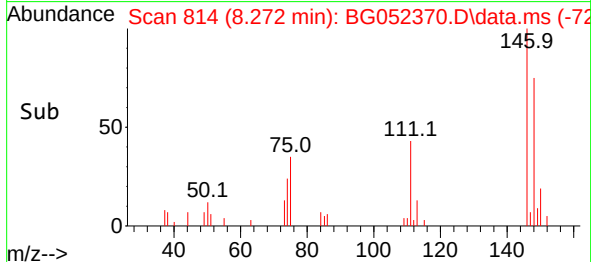
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#14

1,2-Dichlorobenzene

Concen: 4.867 ng

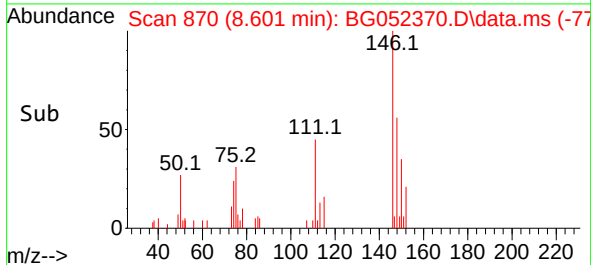
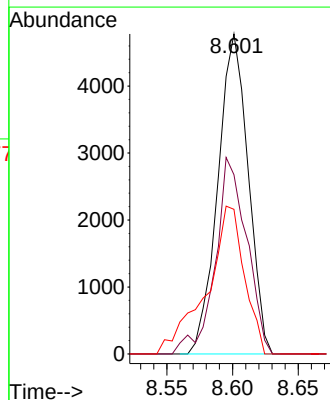
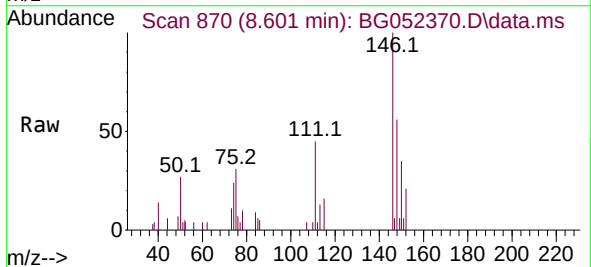
RT: 8.601 min Scan# 870

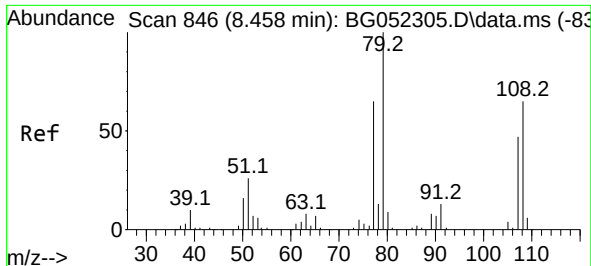
Delta R.T. 0.013 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

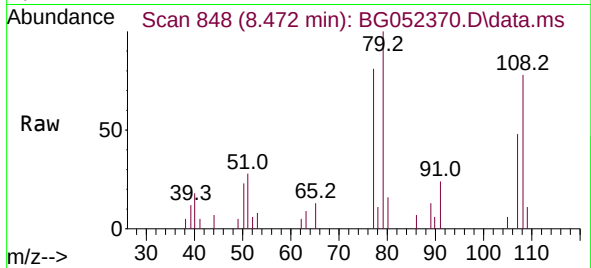
Tgt Ion:146	Resp:	7671
Ion Ratio	Lower	Upper
146	100	
148	56.0	46.5 69.7
111	45.2	37.0 55.4





#15
Benzyl Alcohol
Concen: 4.317 ng
RT: 8.472 min Scan# 846
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

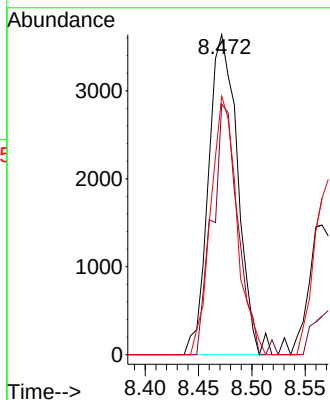
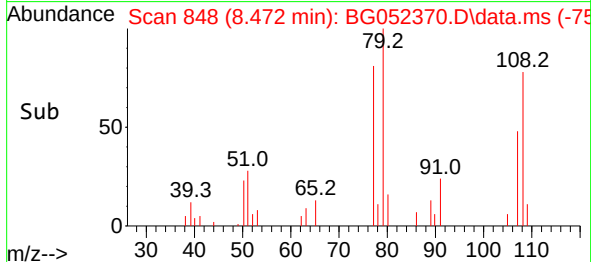
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 79 Resp: 6914
Ion Ratio Lower Upper
79 100
108 78.3 53.8 80.6
77 80.8 54.4 81.6

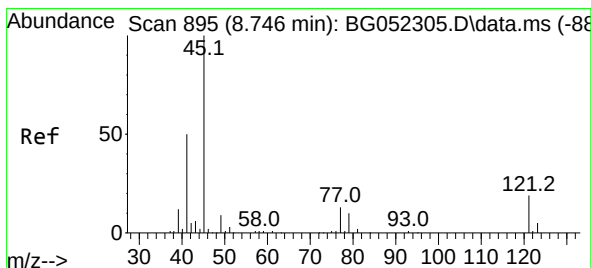
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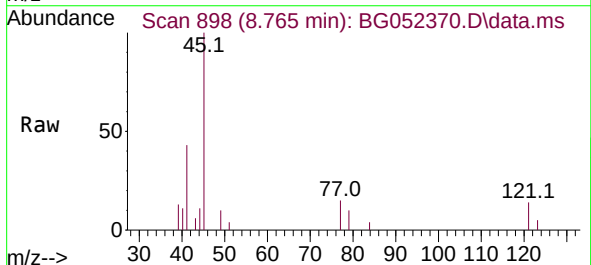


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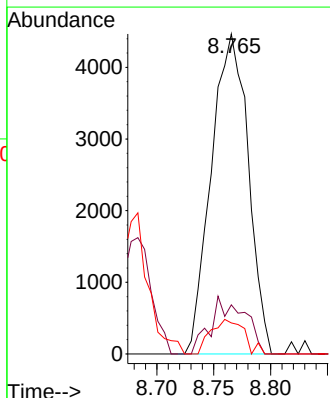
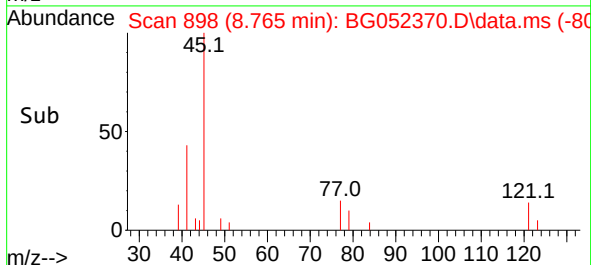
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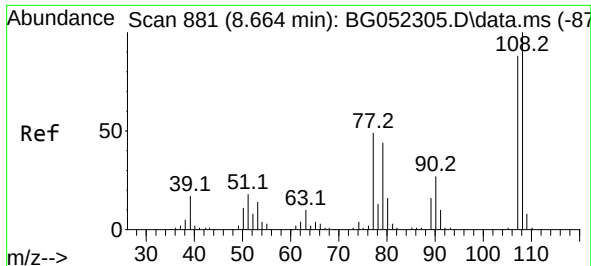


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.764 ng
RT: 8.765 min Scan# 898
Delta R.T. 0.019 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



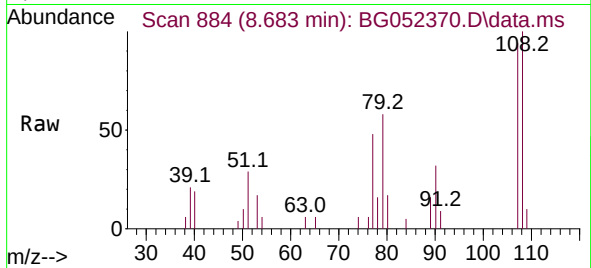
Tgt Ion: 45 Resp: 10083
Ion Ratio Lower Upper
45 100
77 15.3 0.0 33.8
79 9.7 0.0 31.1





#17
2-Methylphenol
Concen: 4.555 ng
RT: 8.683 min Scan# 881
Delta R.T. 0.019 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

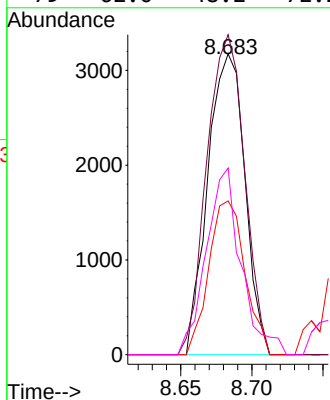
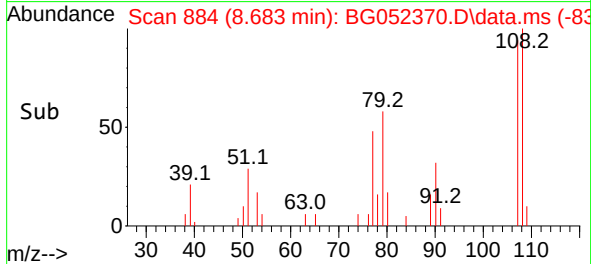
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:107 Resp: 576
Ion Ratio Lower Upper
107 100
108 106.4 90.3 135.5
77 51.1 49.0 73.6
79 62.0 48.2 72.2

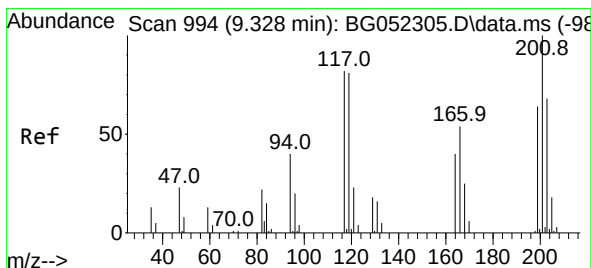
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Upadhyay



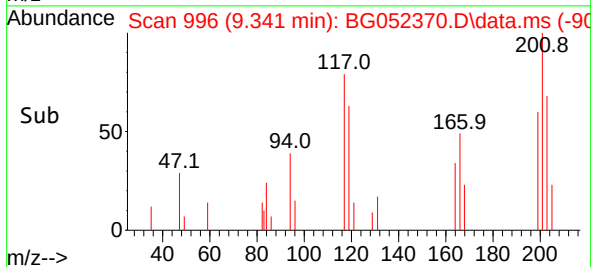
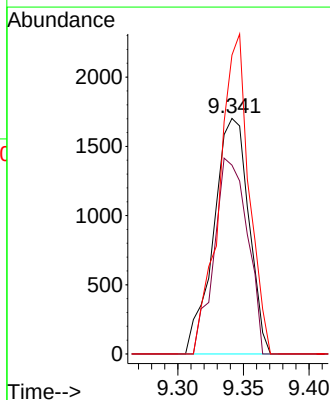
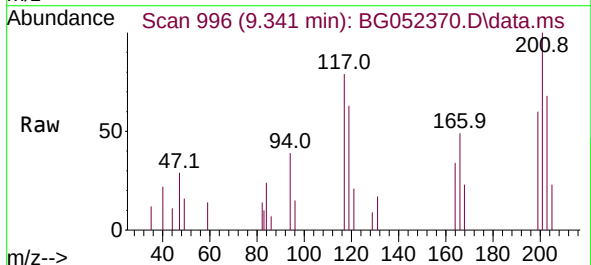
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ahmed

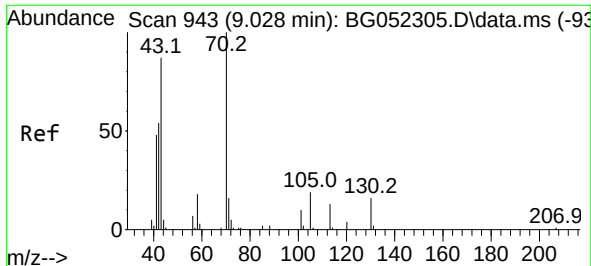
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#18
Hexachloroethane
Concen: 5.703 ng
RT: 9.341 min Scan# 996
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

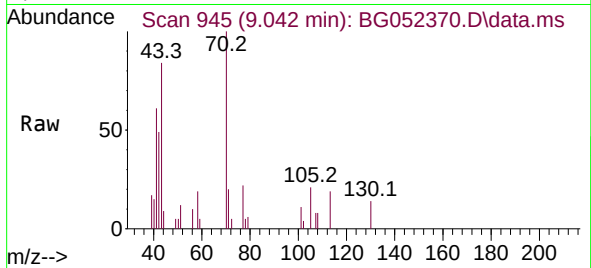
Tgt Ion:117 Resp: 3169
Ion Ratio Lower Upper
117 100
119 80.1 73.5 110.3
201 126.9 91.0 136.6





#19
n-Nitroso-di-n-propylamine
Concen: 4.590 ng
RT: 9.042 min Scan# 943
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

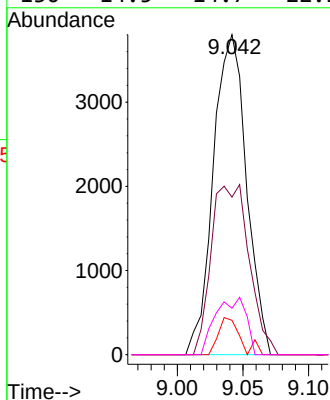
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 70 Resp: 6678
Ion Ratio Lower Upper
70 100
42 49.3 51.8 77.6
101 10.7 6.6 10.0
130 14.5 14.7 22.1

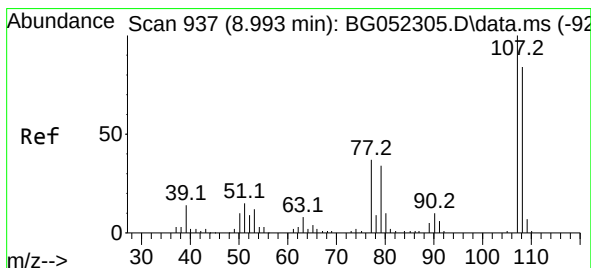
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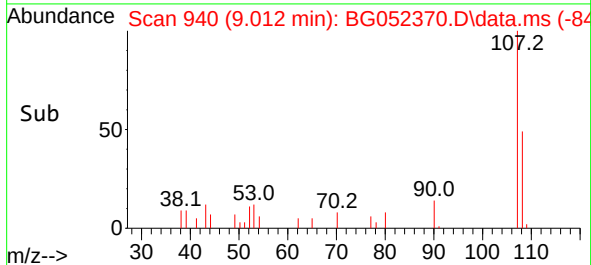
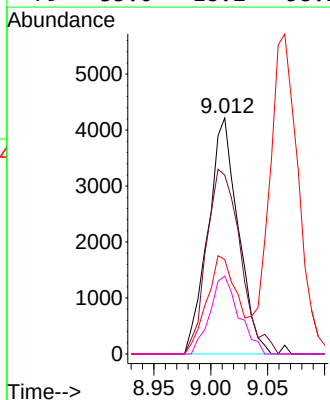
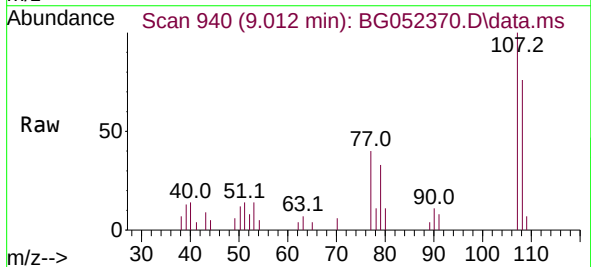
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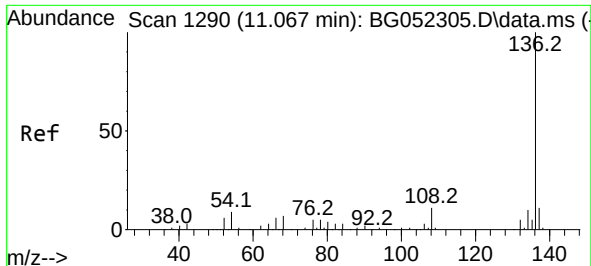
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#20
3+4-Methylphenols
Concen: 4.294 ng
RT: 9.012 min Scan# 940
Delta R.T. 0.019 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

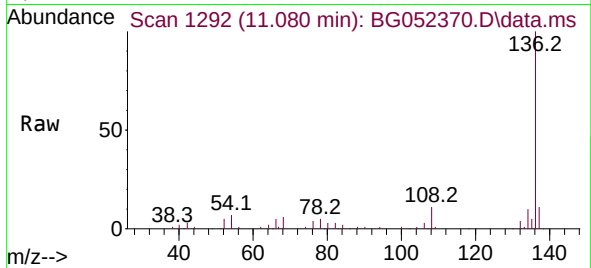
Tgt Ion:107 Resp: 7773
Ion Ratio Lower Upper
107 100
108 75.8 71.9 111.9
77 40.0 24.6 64.6
79 33.0 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.080 min Scan# 1108
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

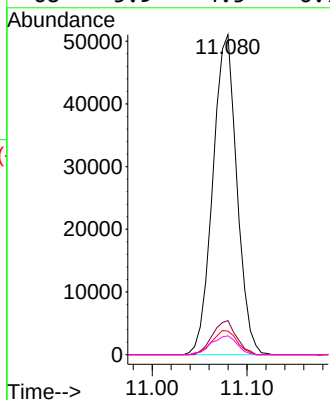
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:	136	Resp:	9005
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	7.3	8.3	12.5
68	5.9	4.5	6.7

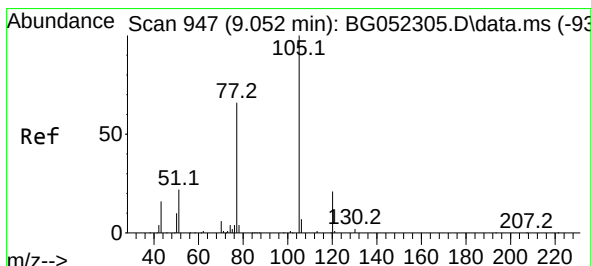
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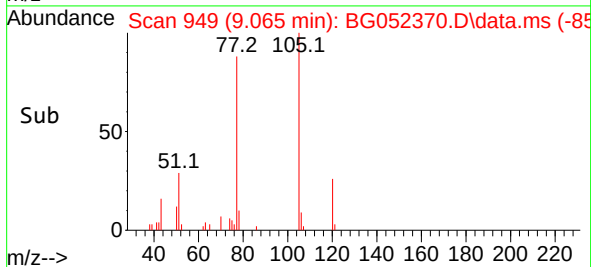
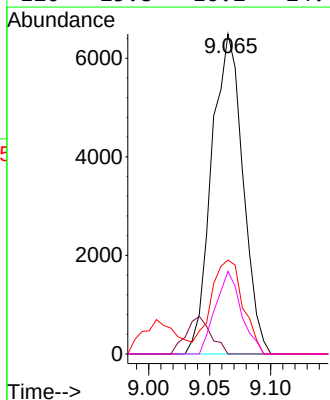
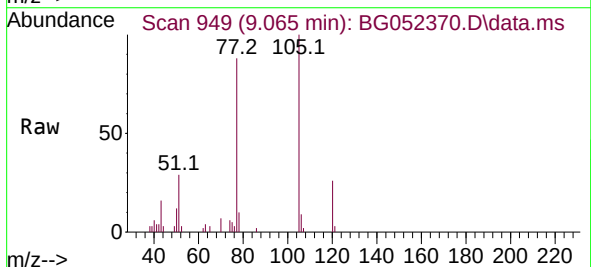
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ahmed

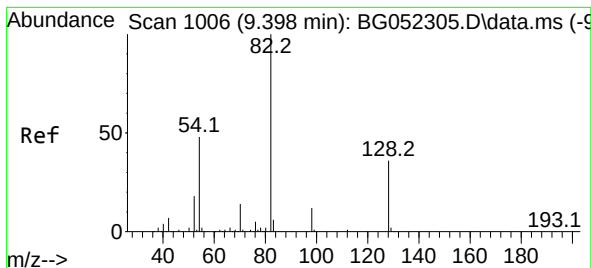
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#22
Acetophenone
Concen: 4.857 ng
RT: 9.065 min Scan# 949
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:	105	Resp:	11561
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.8	2.6#
51	29.3	27.0	40.4
120	25.8	16.2	24.4#





#23

Nitrobenzene-d5

Concen: 70.433 ng

RT: 9.412 min Scan# 1008

Delta R.T. 0.013 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

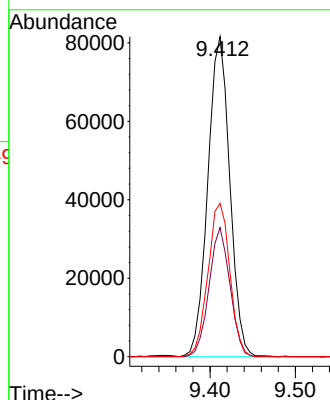
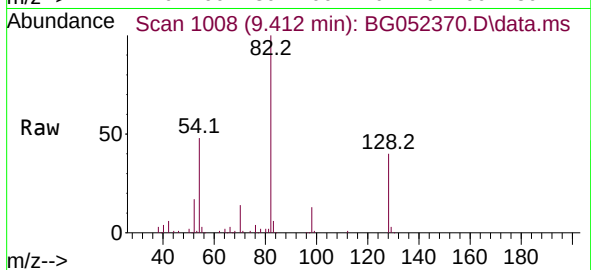
ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion: 82	Resp: 14594
Ion Ratio	Lower Upper
82 100	
128 40.4	27.0 40.4
54 47.9	41.0 61.6

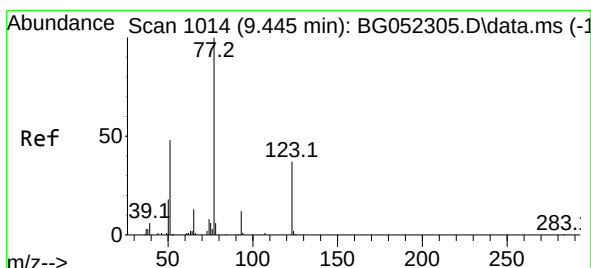
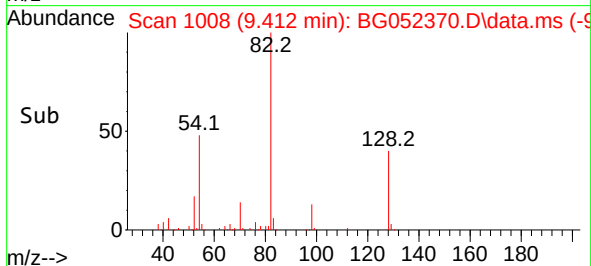
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#24

Nitrobenzene

Concen: 5.062 ng

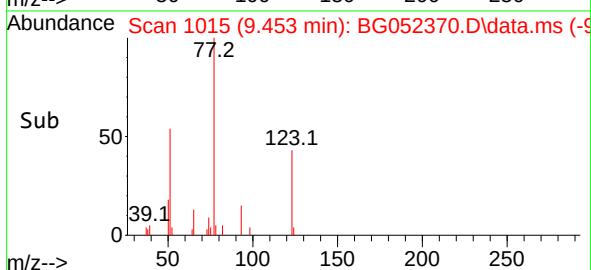
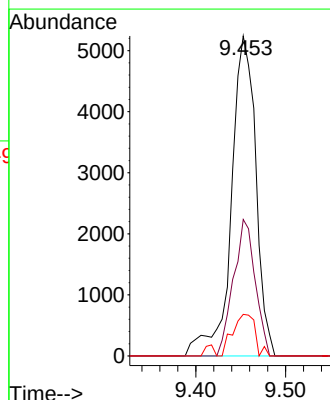
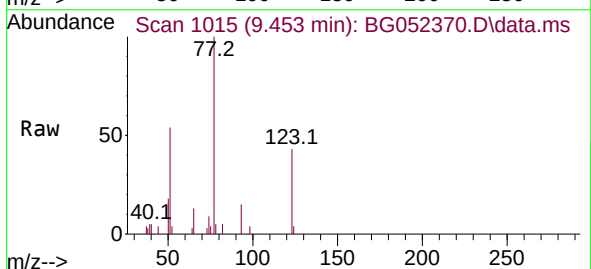
RT: 9.453 min Scan# 1015

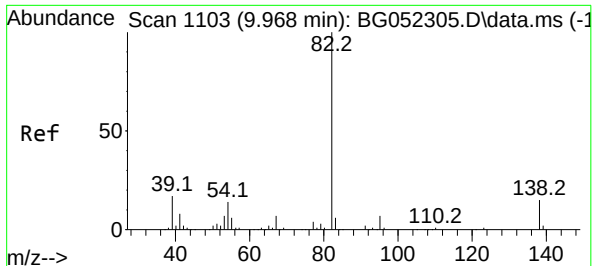
Delta R.T. 0.008 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Tgt Ion: 77	Resp: 9950
Ion Ratio	Lower Upper
77 100	
123 42.6	27.1 40.7#
65 13.0	11.2 16.8





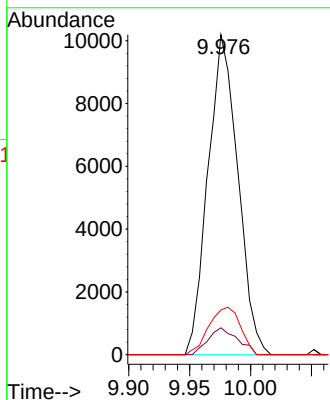
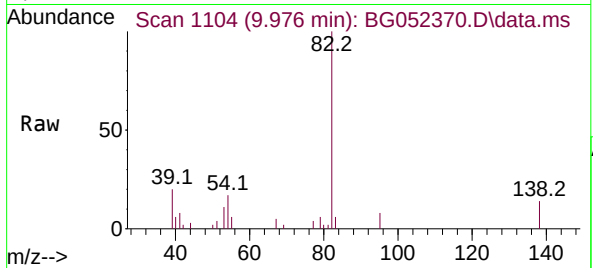
#25
Isophorone
Concen: 4.931 ng
RT: 9.976 min Scan# 1103
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

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

Tgt Ion: 82 Resp: 1738
Ion Ratio Lower Upper
82 100
95 8.4 6.6 9.8
138 14.0 12.5 18.7

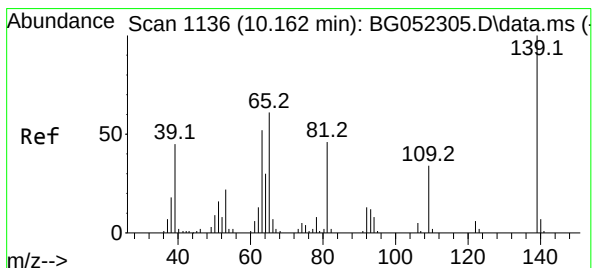
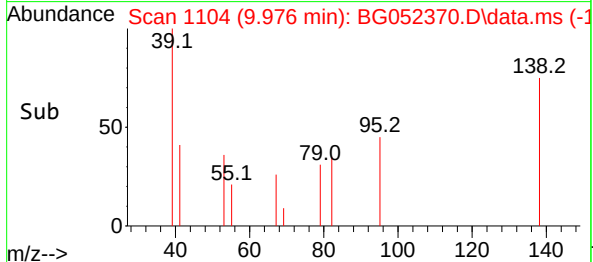
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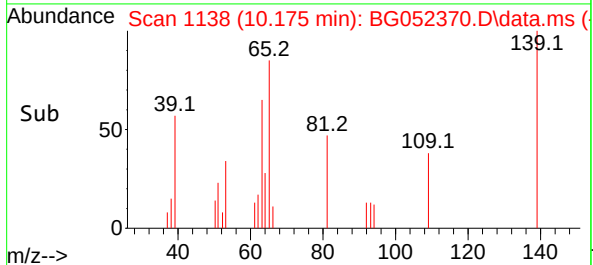
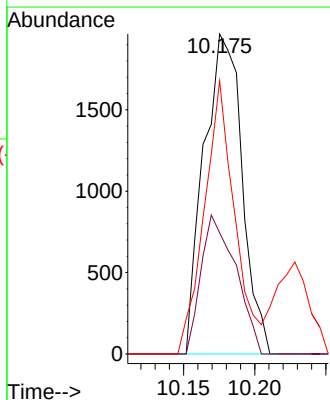
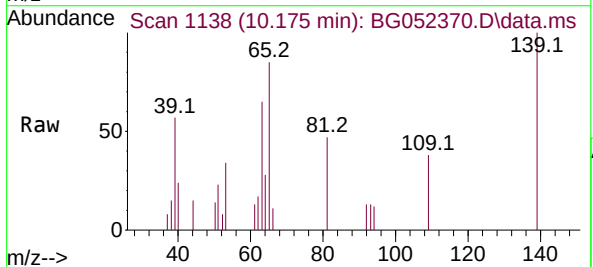
02/14/2022
Supervised By :mohammad
ahmed

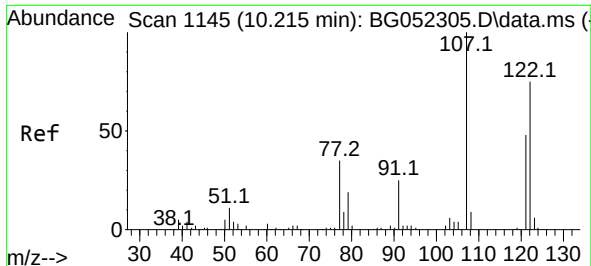
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#26
2-Nitrophenol
Concen: 4.397 ng
RT: 10.175 min Scan# 1138
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:139 Resp: 3663
Ion Ratio Lower Upper
139 100
109 37.8 30.4 45.6
65 85.3 55.7 83.5#





#27

2,4-Dimethylphenol

Concen: 5.945 ng

RT: 10.228 min Scan# 1147

Delta R.T. 0.013 min

Lab File: BG052370.D

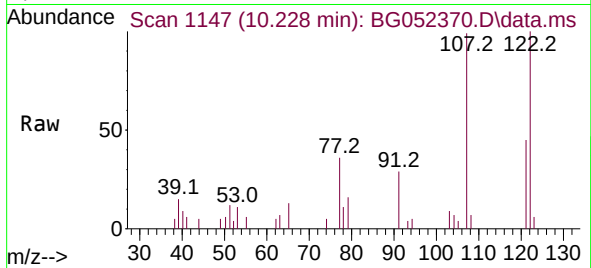
Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

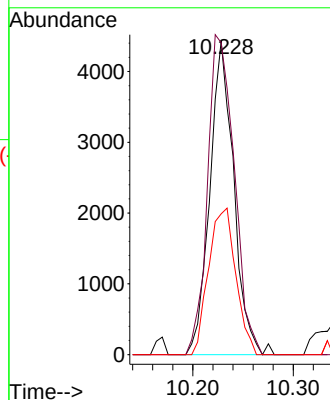


Tgt Ion:	122	Resp:	733
Ion Ratio	Lower	Upper	
122	100		
107	99.5	105.8	158.8
121	44.9	48.6	72.8

Manual Integrations

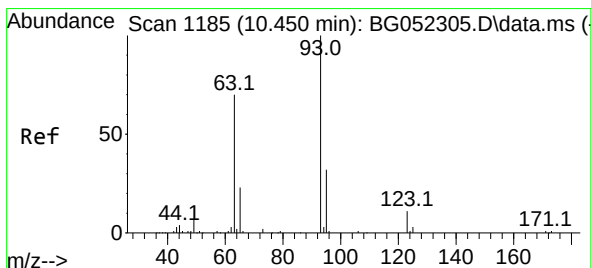
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ahmed

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#28

bis(2-Chloroethoxy)methane

Concen: 5.036 ng

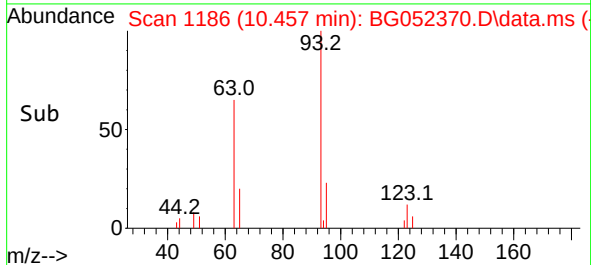
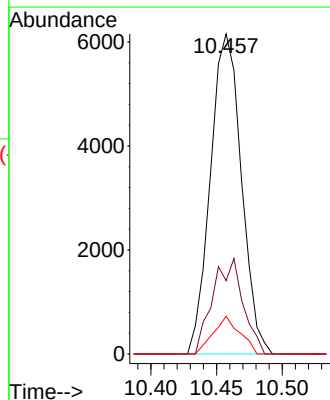
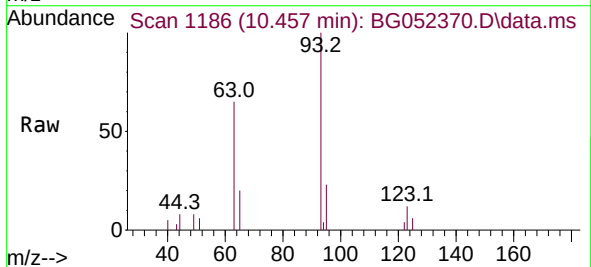
RT: 10.457 min Scan# 1186

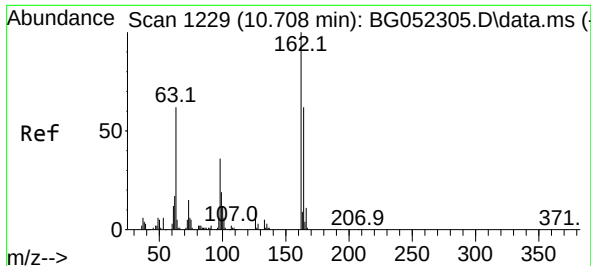
Delta R.T. 0.008 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

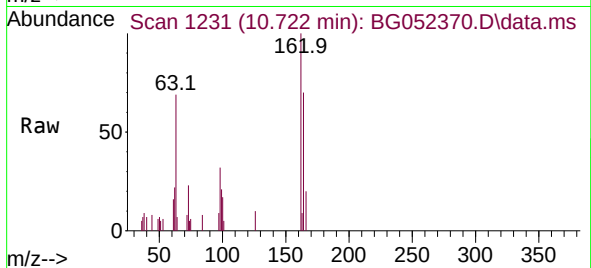
Tgt Ion:	93	Resp:	10077
Ion Ratio	Lower	Upper	
93	100		
95	22.9	26.1	39.1#
123	11.8	7.6	11.4#





#29
2,4-Dichlorophenol
Concen: 4.325 ng
RT: 10.722 min Scan# 1229
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

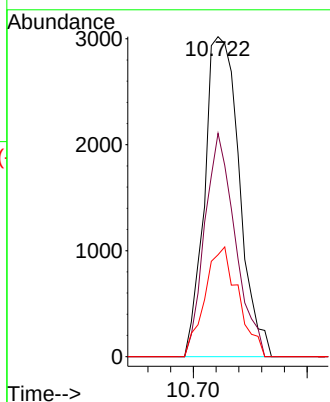
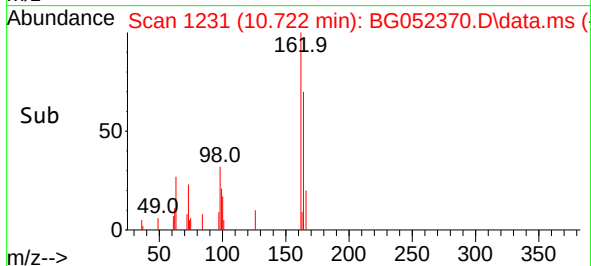
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:162 Resp: 639
Ion Ratio Lower Upper
162 100
164 69.8 44.3 84.3
98 31.9 17.2 57.2

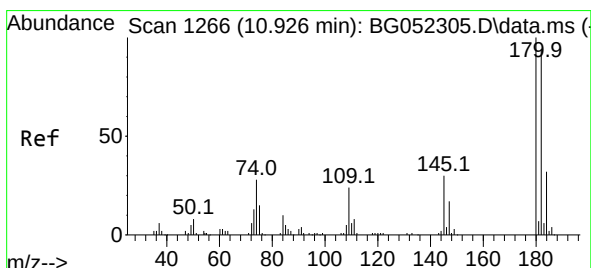
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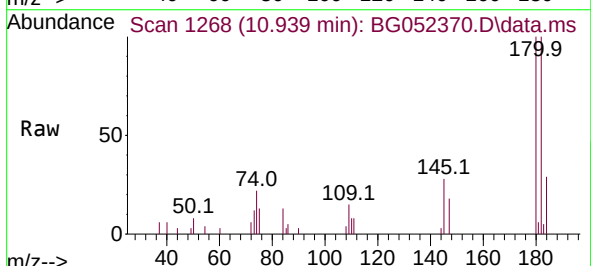


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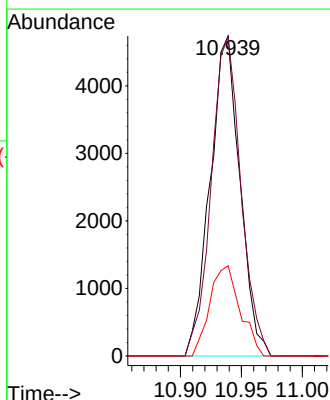
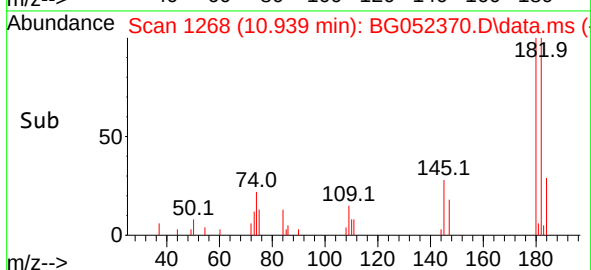
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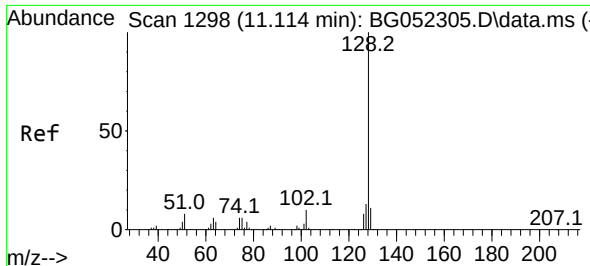


#30
1,2,4-Trichlorobenzene
Concen: 4.668 ng
RT: 10.939 min Scan# 1268
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



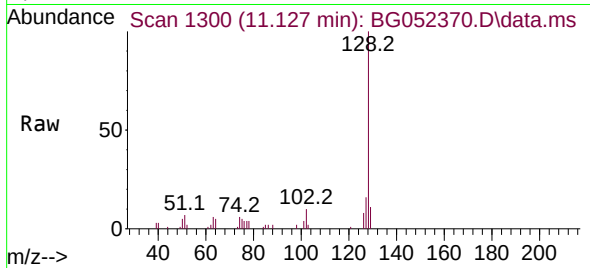
Tgt Ion:180 Resp: 8059
Ion Ratio Lower Upper
180 100
182 99.7 76.1 114.1
145 28.2 24.0 36.0





#31
Naphthalene
Concen: 4.878 ng
RT: 11.127 min Scan# 1112
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

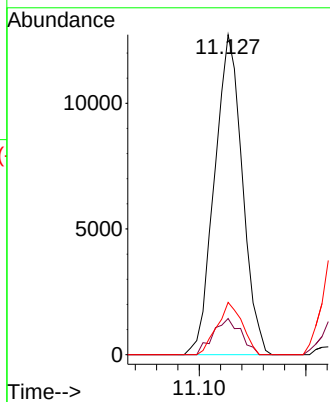
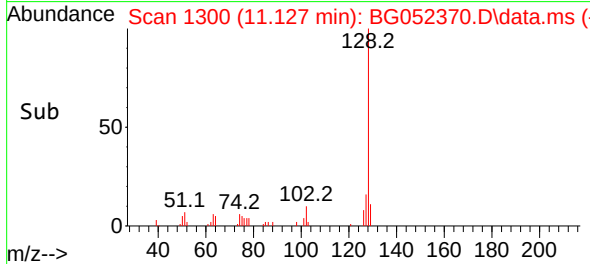
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:128 Resp: 2303
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.6
127 16.4 12.0 18.0

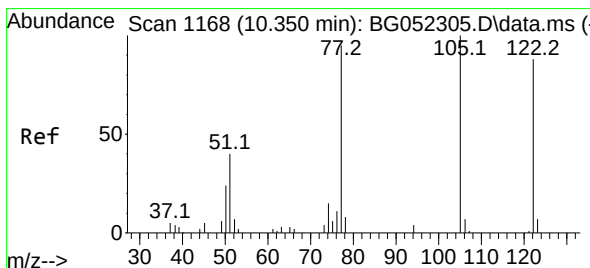
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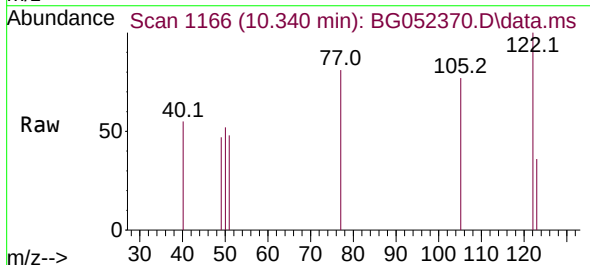


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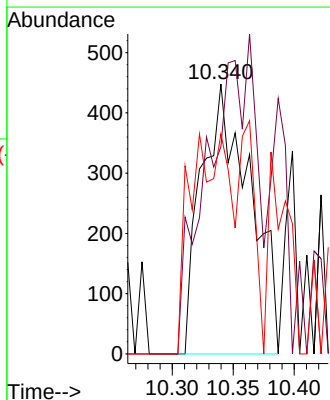
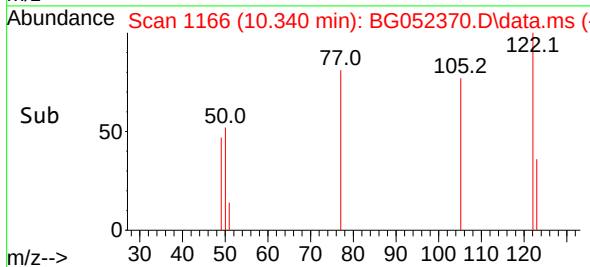
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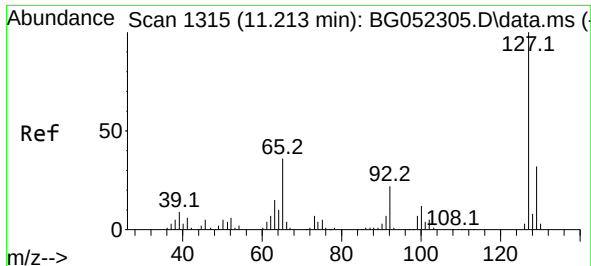


#32
Benzoic acid
Concen: 1.706 ng
RT: 10.340 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



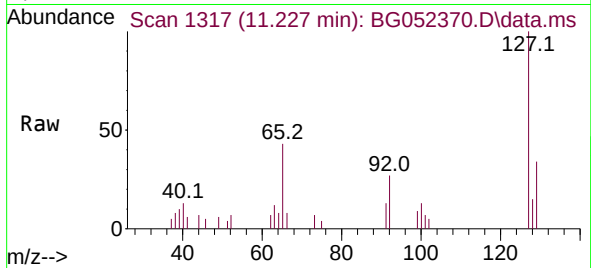
Tgt Ion:122 Resp: 1236
Ion Ratio Lower Upper
122 100
105 76.8 109.2 149.2#
77 81.5 92.8 132.8#





#33
4-Chloroaniline
Concen: 4.581 ng
RT: 11.227 min Scan# 1317
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

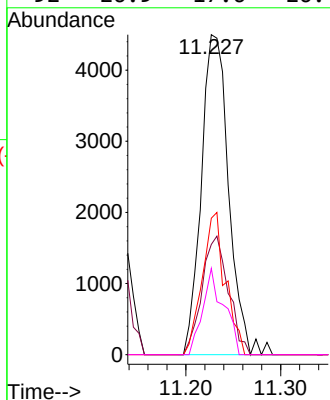
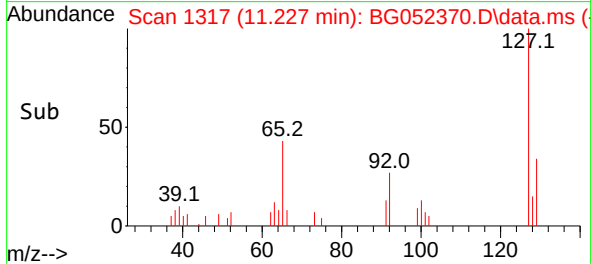
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.5	27.0	40.6
65	42.7	28.7	43.1
92	26.9	17.6	26.4

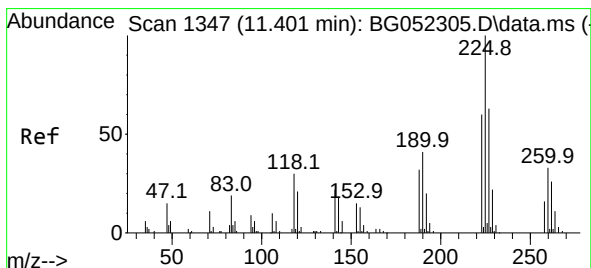
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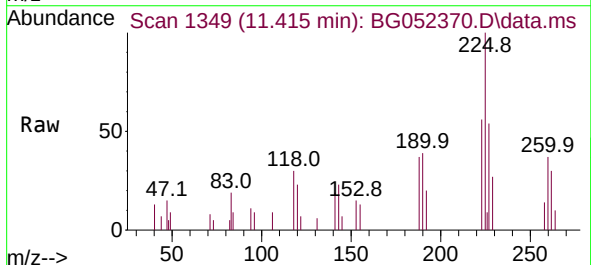


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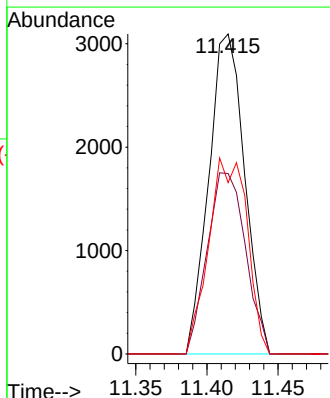
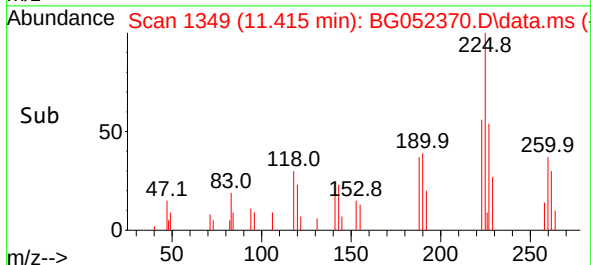
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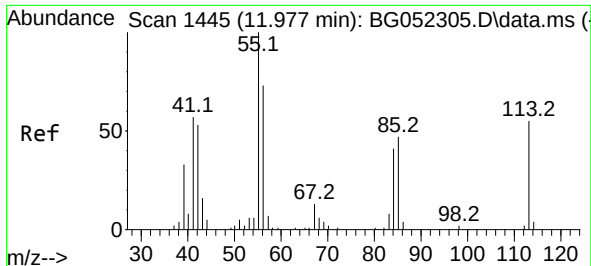


#34
Hexachlorobutadiene
Concen: 4.656 ng
RT: 11.415 min Scan# 1349
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



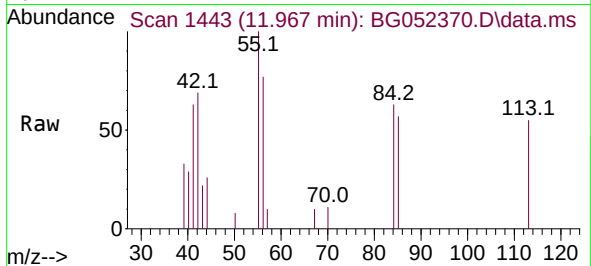
Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.4	51.6	77.4
227	53.6	53.9	80.9





#35
Caprolactam
Concen: 4.205 ng
RT: 11.967 min Scan# 1443
Delta R.T. -0.010 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

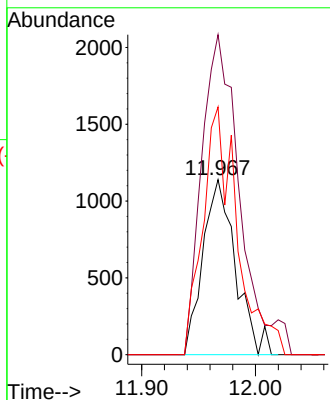
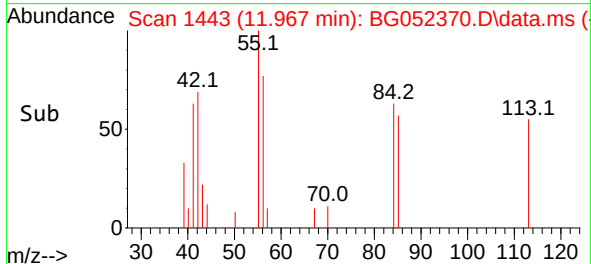
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:113 Resp: 2260
Ion Ratio Lower Upper
113 100
55 182.7 161.4 201.4
56 141.4 132.6 172.6

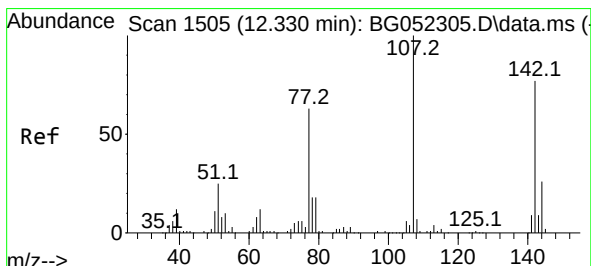
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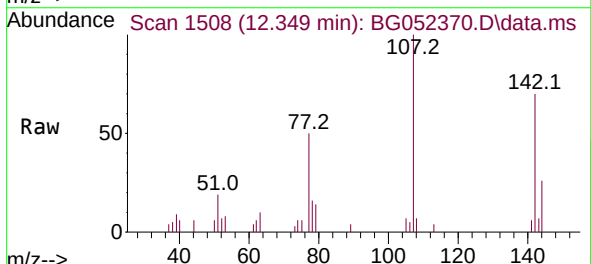


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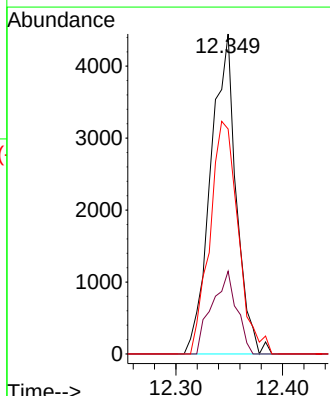
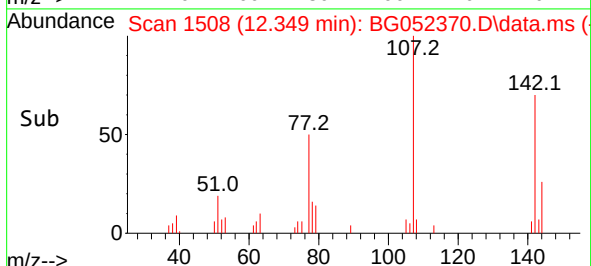
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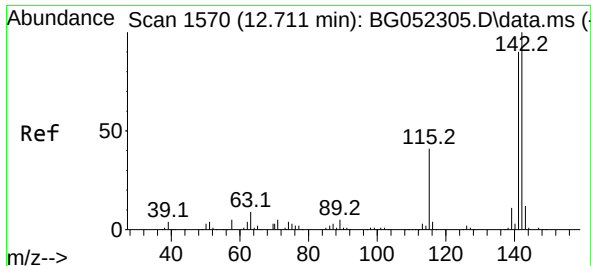


#36
4-Chloro-3-methylphenol
Concen: 4.396 ng
RT: 12.349 min Scan# 1508
Delta R.T. 0.019 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



Tgt Ion:107 Resp: 7394
Ion Ratio Lower Upper
107 100
144 25.9 19.3 28.9
142 70.3 63.9 95.9





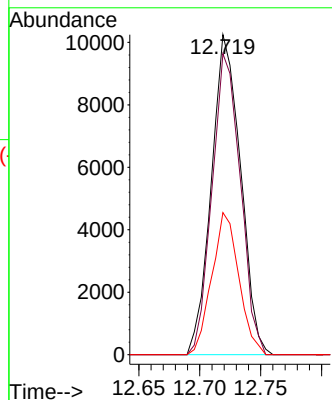
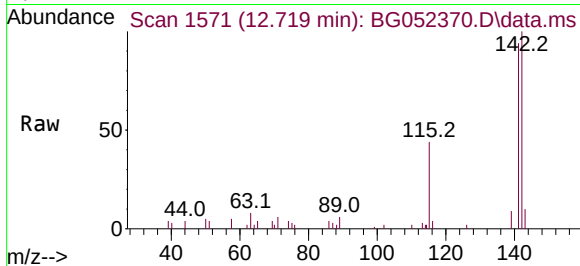
#37
2-Methylnaphthalene
Concen: 4.866 ng
RT: 12.719 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

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

Tgt Ion:142 Resp: 17062
Ion Ratio Lower Upper
142 100
141 94.1 71.7 107.5
115 44.4 32.2 48.4

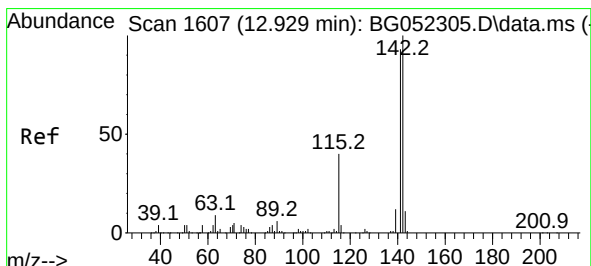
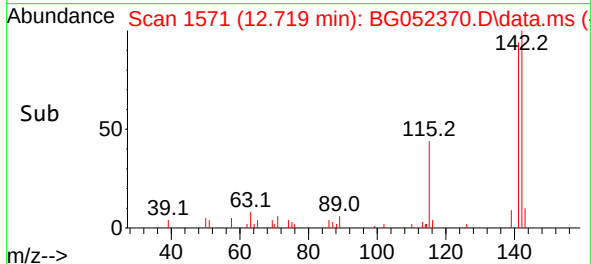
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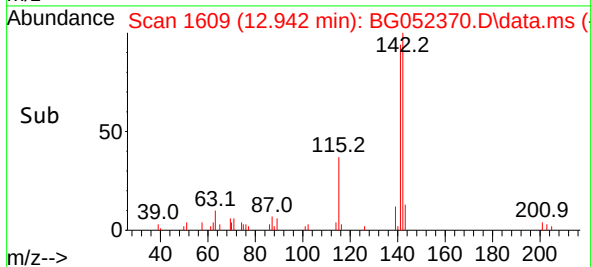
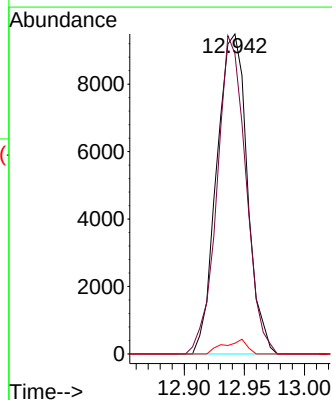
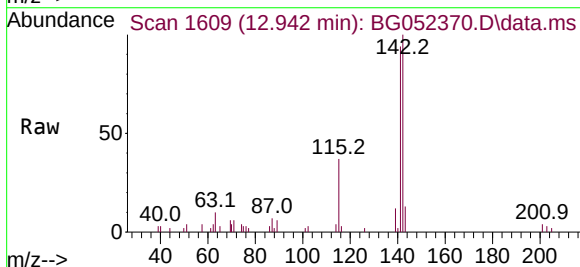
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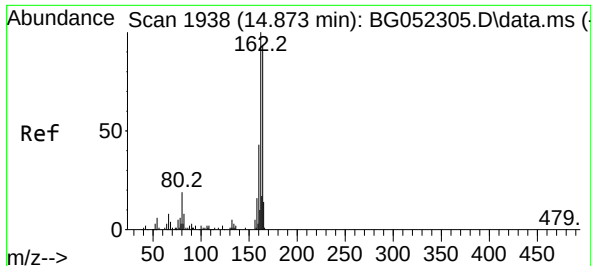
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#38
1-Methylnaphthalene
Concen: 4.938 ng m
RT: 12.942 min Scan# 1609
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

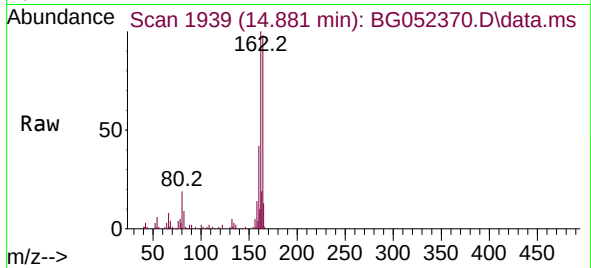
Tgt Ion:142 Resp: 16778
Ion Ratio Lower Upper
142 100
141 93.8 75.0 112.4
116 3.3 4.2 6.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1938
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

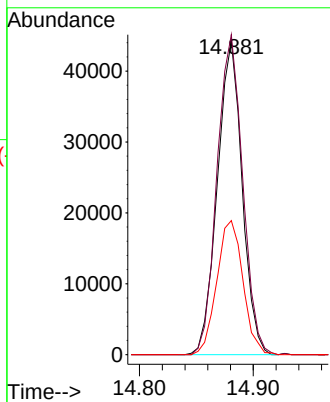
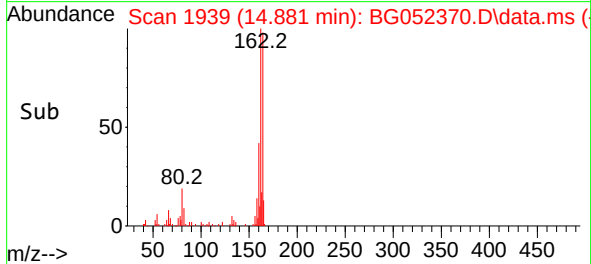
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:164 Resp: 6681
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.2
160 42.7 36.2 54.2

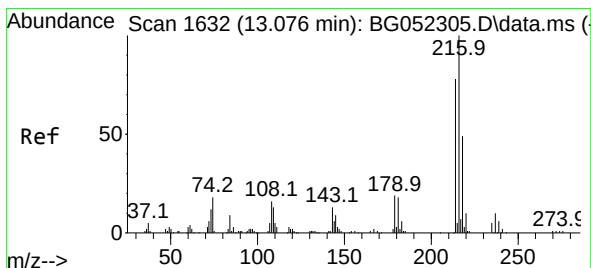
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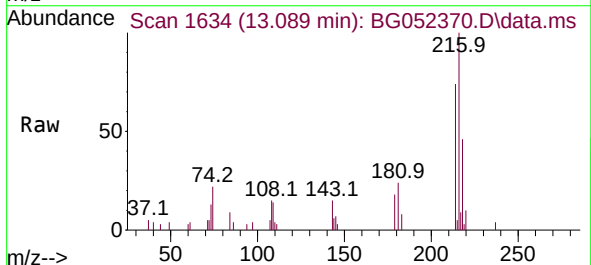


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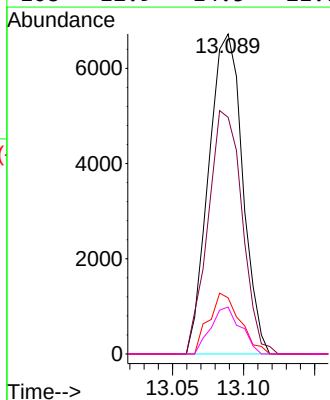
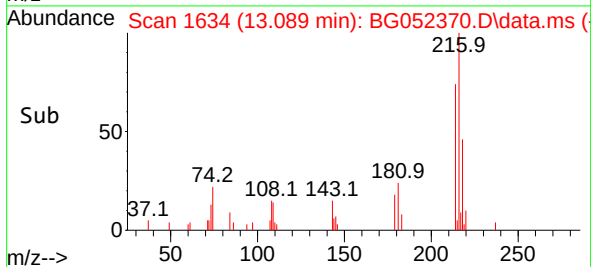
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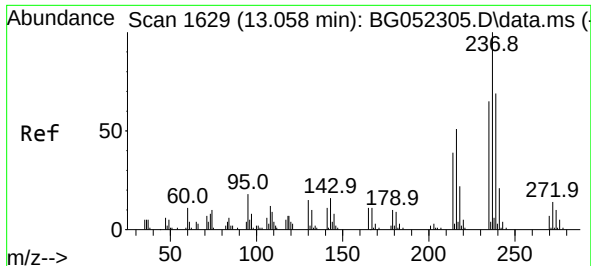


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.072 ng
RT: 13.089 min Scan# 1634
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



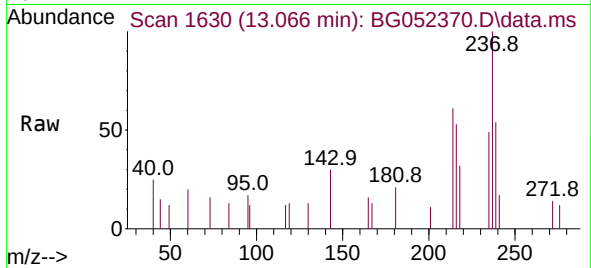
Tgt Ion:216 Resp: 11147
Ion Ratio Lower Upper
216 100
214 76.3 63.2 94.8
179 17.5 16.3 24.5
108 12.9 14.5 21.7#





#41
Hexachlorocyclopentadiene
Concen: 2.243 ng
RT: 13.066 min Scan# 1630
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

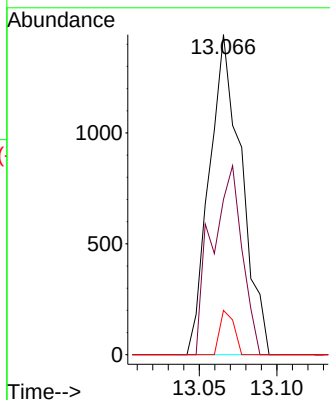
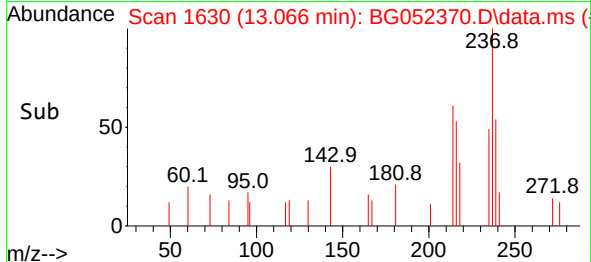
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:237 Resp: 208
Ion Ratio Lower Upper
237 100
235 48.5 45.9 85.9
272 13.9 0.0 33.0

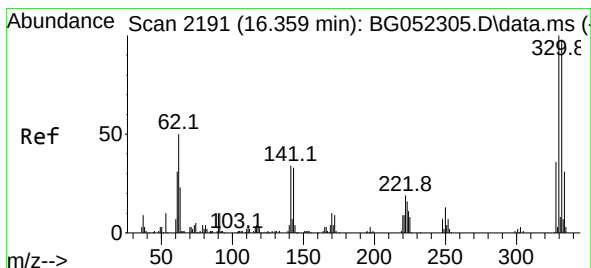
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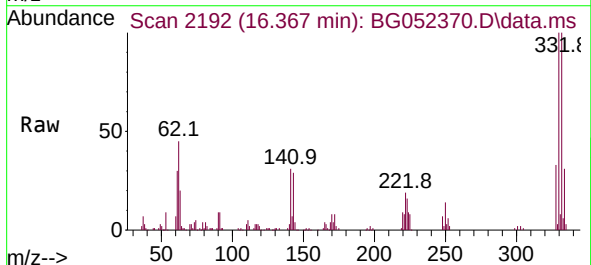


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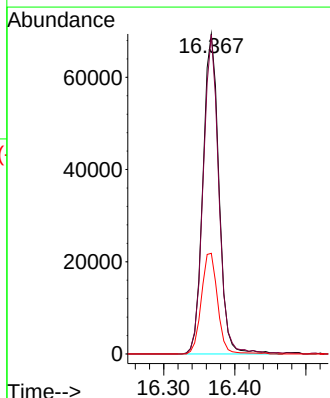
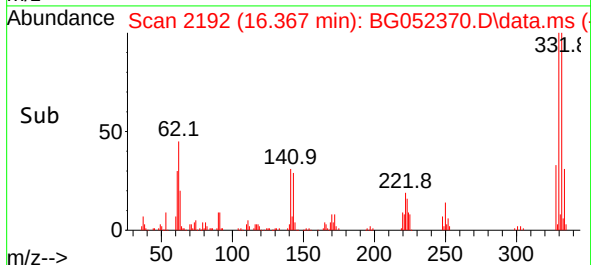
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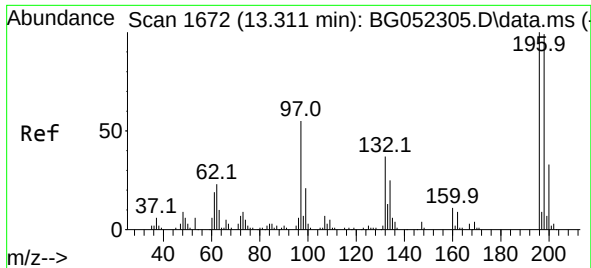


#42
2,4,6-Tribromophenol
Concen: 113.091 ng
RT: 16.367 min Scan# 2192
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



Tgt Ion:330 Resp: 108560
Ion Ratio Lower Upper
330 100
332 97.3 78.6 117.8
141 32.0 28.8 43.2





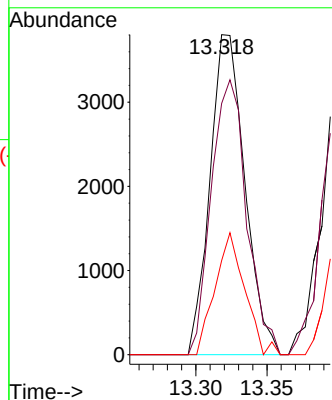
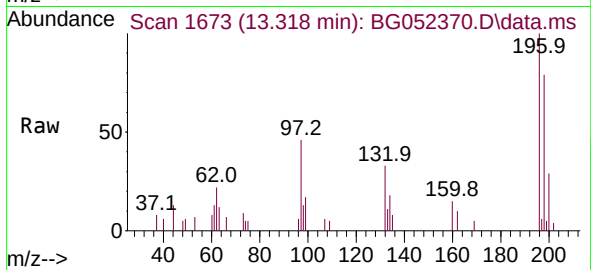
#43
2,4,6-Trichlorophenol
Concen: 4.515 ng
RT: 13.318 min Scan# 1672
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

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

Tgt Ion:196 Resp: 6490
Ion Ratio Lower Upper
196 100
198 78.5 78.4 117.6
200 29.4 28.5 42.7

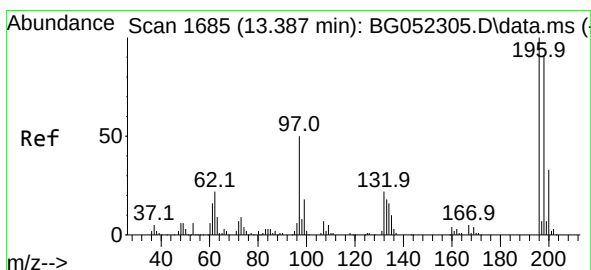
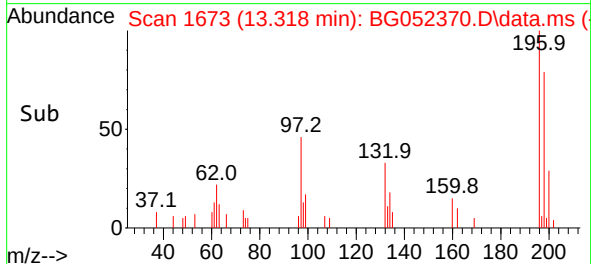
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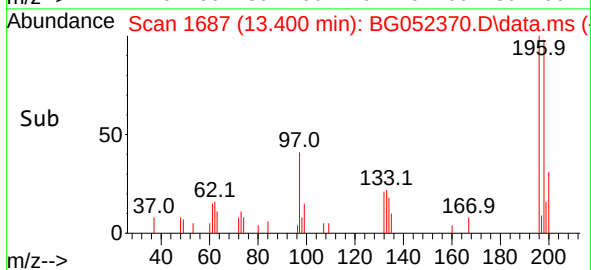
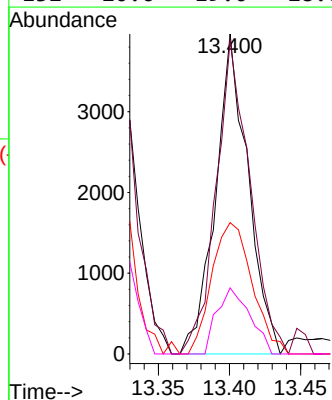
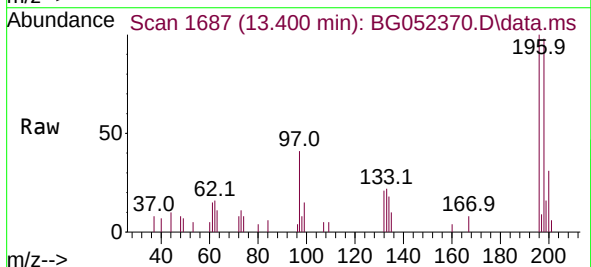
02/14/2022
Supervised By :mohammad
ahmed

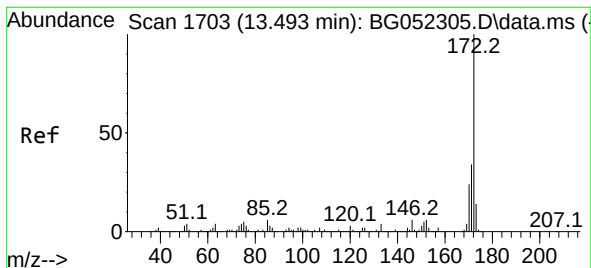
02/15/2022



#44
2,4,5-Trichlorophenol
Concen: 4.045 ng
RT: 13.400 min Scan# 1687
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:196 Resp: 6301
Ion Ratio Lower Upper
196 100
198 97.9 78.6 118.0
97 41.1 43.8 65.8#
132 20.6 19.0 28.6





#45

2-Fluorobiphenyl

Concen: 73.891 ng

RT: 13.500 min Scan# 1

Delta R.T. 0.008 min

Lab File: BG052370.D

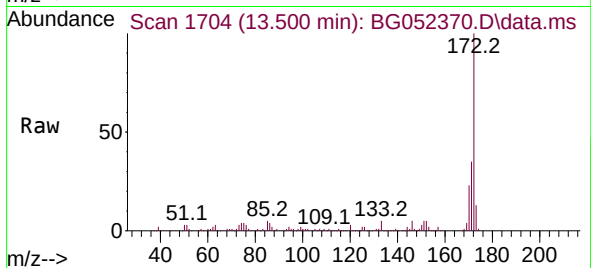
Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021



Tgt Ion:172 Resp: 355314

Ion Ratio Lower Upper

172 100

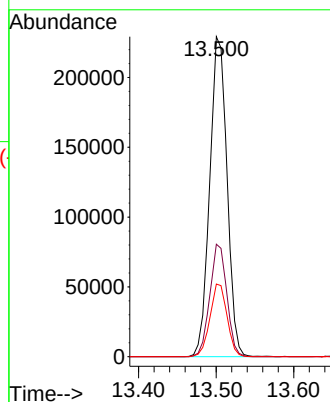
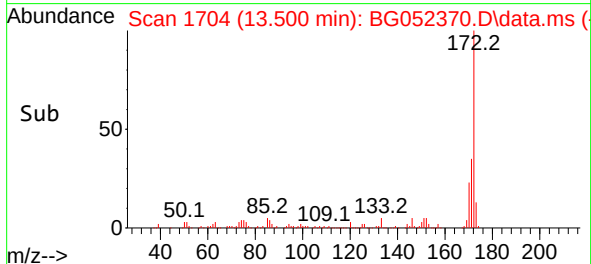
171 35.1 28.3 42.5

170 22.7 18.3 27.5

Manual Integrations

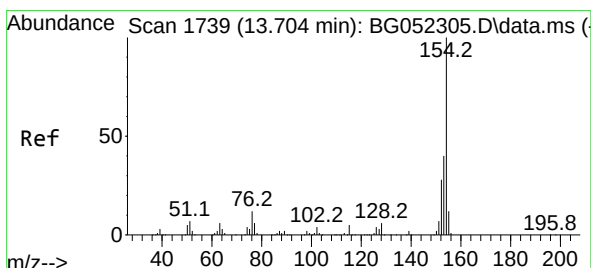
APPROVED

Reviewed By :Jagrut
Upadhyay



02/14/2022
Supervised By :mohammad
ahmed

02/15/2022



#46

1,1'-Biphenyl

Concen: 5.023 ng

RT: 13.712 min Scan# 1740

Delta R.T. 0.008 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

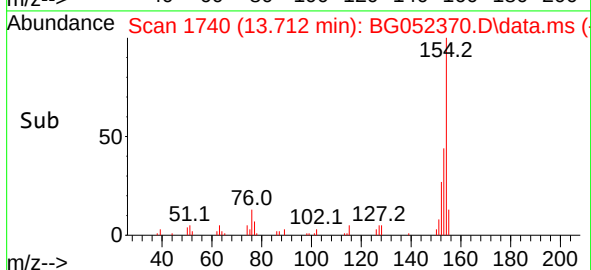
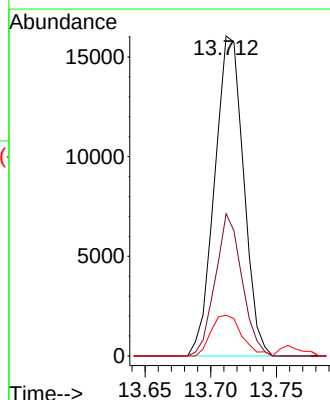
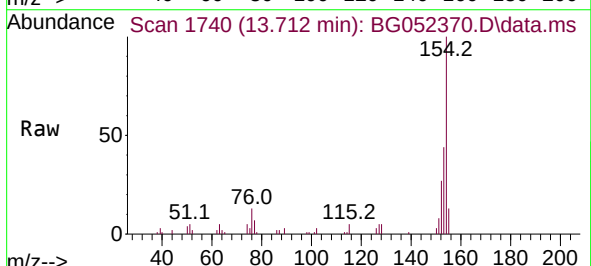
Tgt Ion:154 Resp: 24611

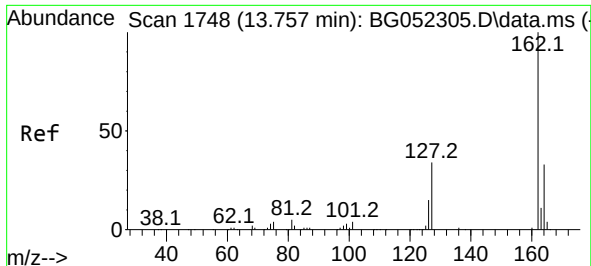
Ion Ratio Lower Upper

154 100

153 44.4 21.1 61.1

76 12.8 0.0 32.6





#47

2-Chloronaphthalene

Concen: 4.838 ng

RT: 13.759 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

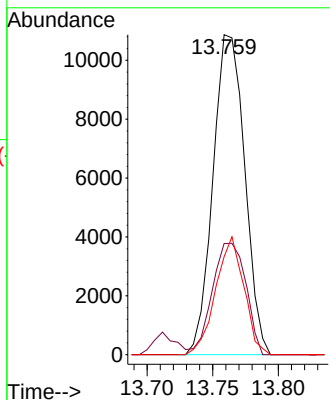
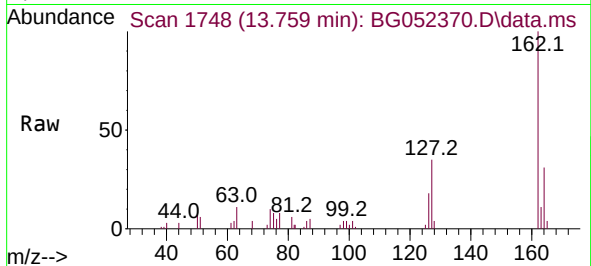
LOQ-SOIL-02-QT4-2021

Tgt Ion:	162	Resp:	1826
Ion Ratio	Lower	Upper	
162	100		
127	34.7	30.4	45.6
164	30.6	25.0	37.4

Manual Integrations

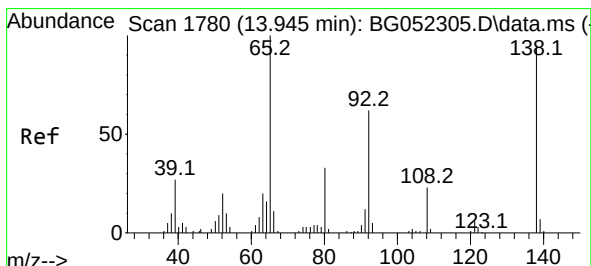
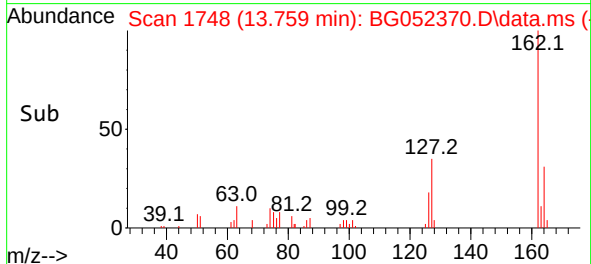
APPROVED

Reviewed By :Jagrut
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Supervised By :mohammad
ahmed

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#48

2-Nitroaniline

Concen: 4.544 ng

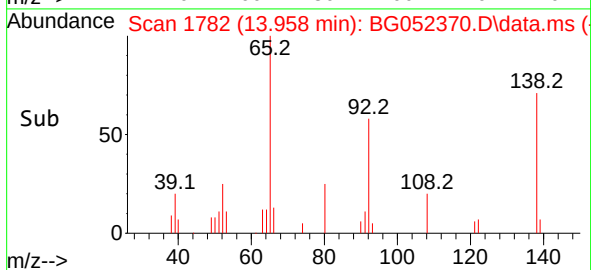
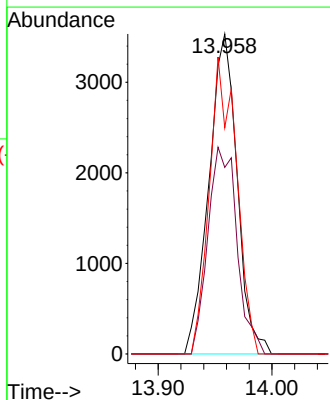
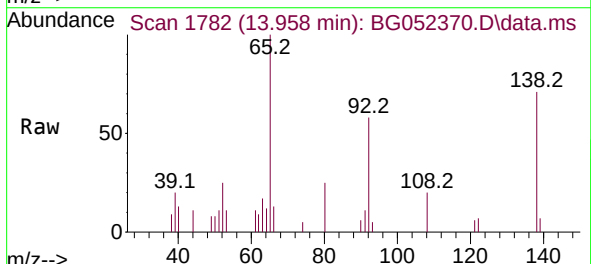
RT: 13.958 min Scan# 1782

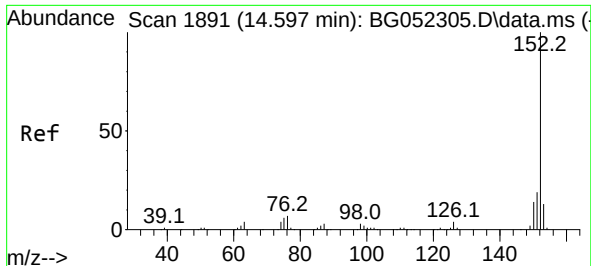
Delta R.T. 0.013 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

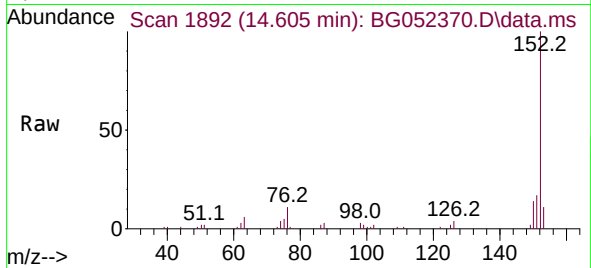
Tgt Ion:	65	Resp:	6106
Ion Ratio	Lower	Upper	
65	100		
92	58.3	51.0	76.6
138	70.7	72.4	108.6





#49
Acenaphthylene
Concen: 5.279 ng
RT: 14.605 min Scan# 1892
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

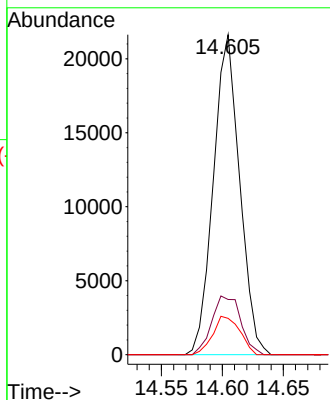
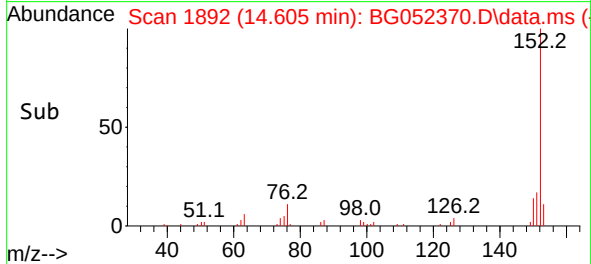
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:152 Resp: 32439
Ion Ratio Lower Upper
152 100
151 17.3 16.1 24.1
153 11.4 10.8 16.2

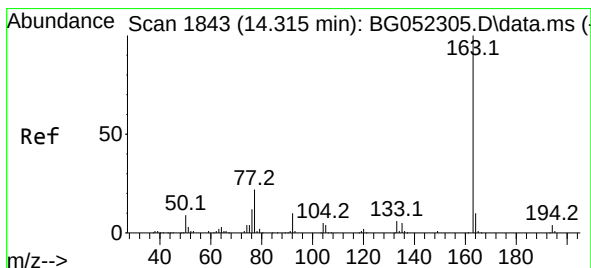
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

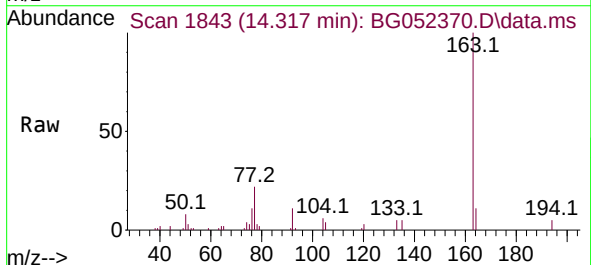


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ahmed

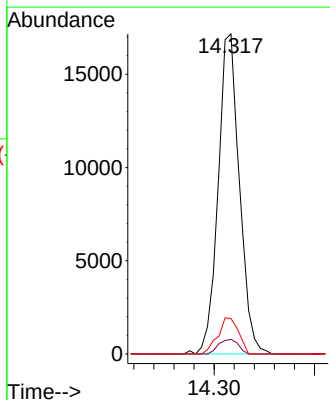
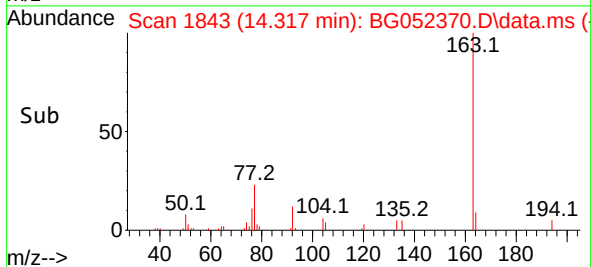
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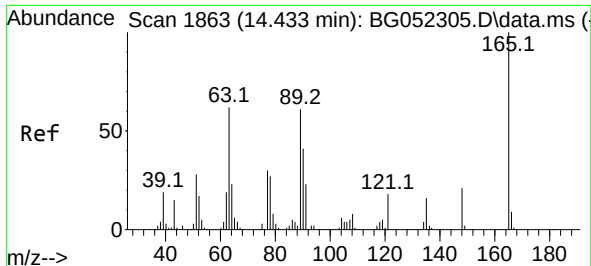


#50
Dimethylphthalate
Concen: 4.926 ng
RT: 14.317 min Scan# 1843
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



Tgt Ion:163 Resp: 25213
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 11.1 8.4 12.6





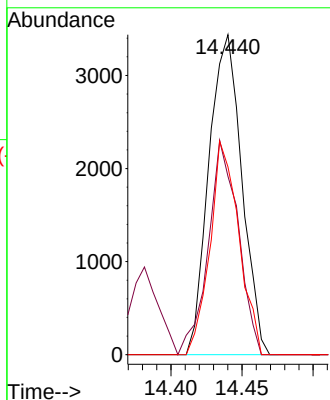
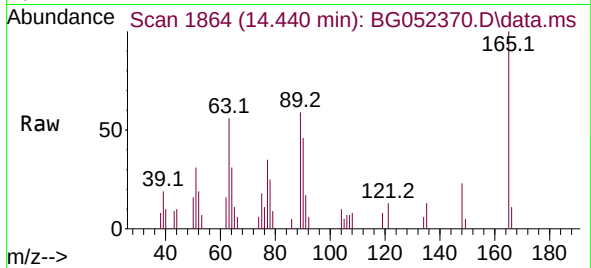
#51
2,6-Dinitrotoluene
Concen: 5.017 ng
RT: 14.440 min Scan# 1863
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

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

Tgt Ion:165 Resp: 554
Ion Ratio Lower Upper
165 100
63 55.7 59.0 88.4
89 58.7 49.4 74.0

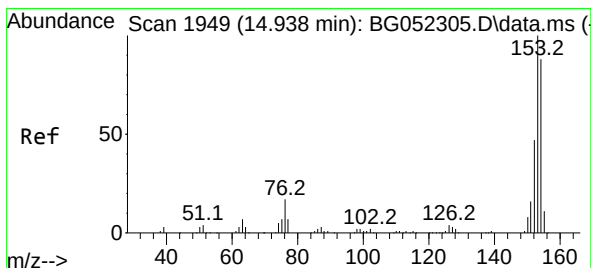
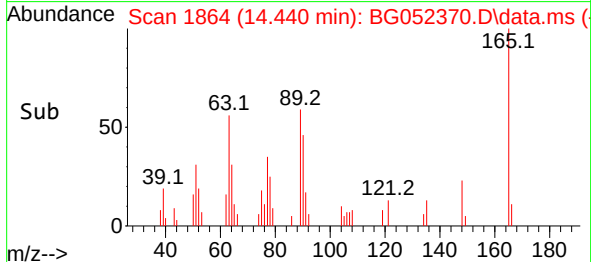
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Upadhyay



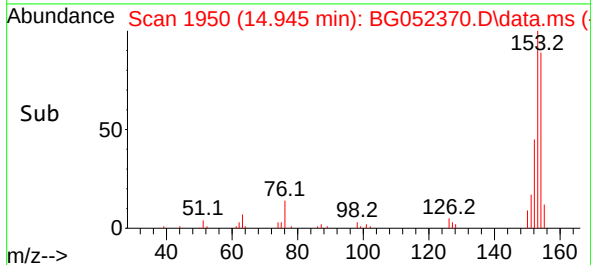
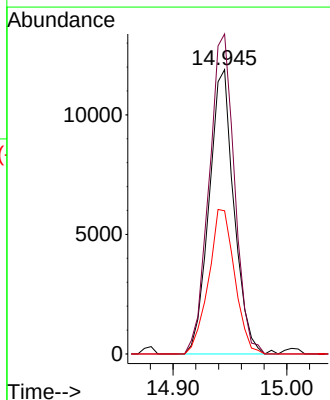
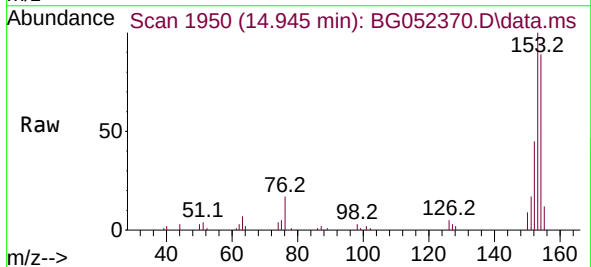
02/14/2022
Supervised By :mohammad
ahmed

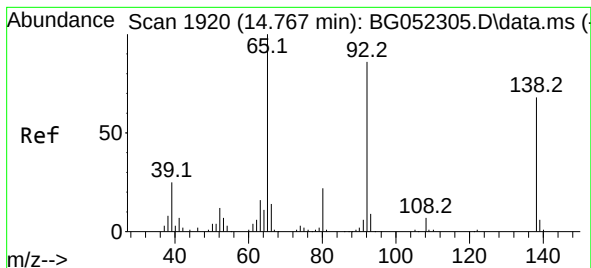
02/15/2022



#52
Acenaphthene
Concen: 4.495 ng
RT: 14.945 min Scan# 1950
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

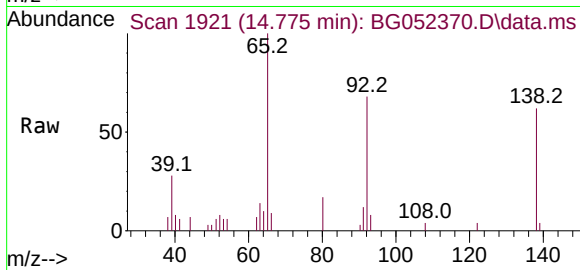
Tgt Ion:154 Resp: 18088
Ion Ratio Lower Upper
154 100
153 112.5 91.9 137.9
152 50.4 43.4 65.2





#53
3-Nitroaniline
Concen: 4.554 ng
RT: 14.775 min Scan# 1920
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

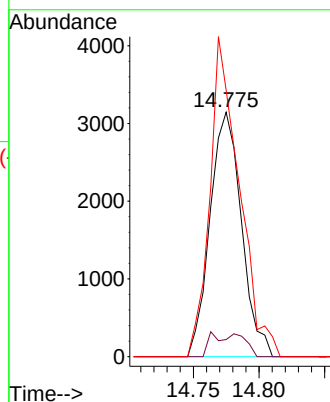
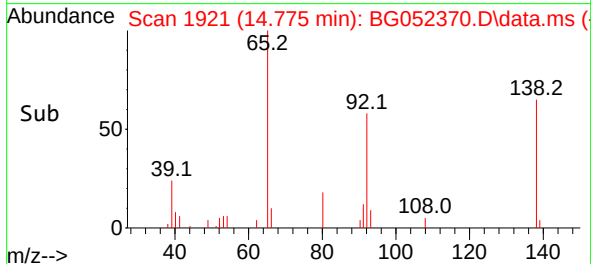
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:138 Resp: 5228
Ion Ratio Lower Upper
138 100
108 7.0 7.8 11.8#
92 109.1 100.4 150.6

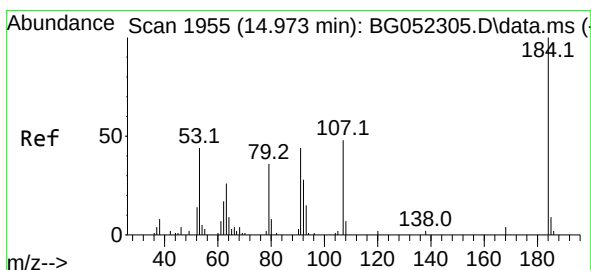
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Upadhyay

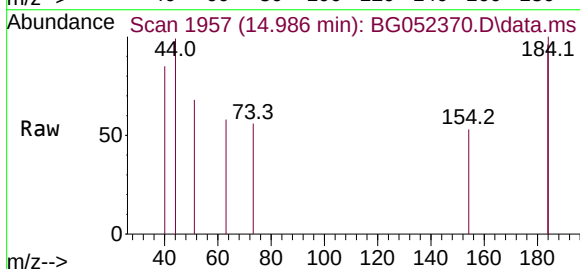


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Supervised By :mohammad
ahmed

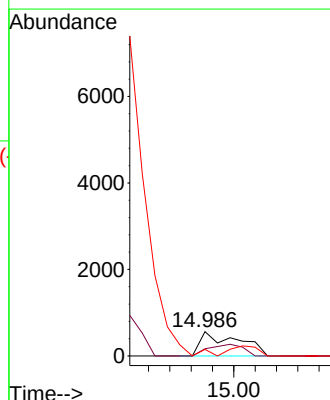
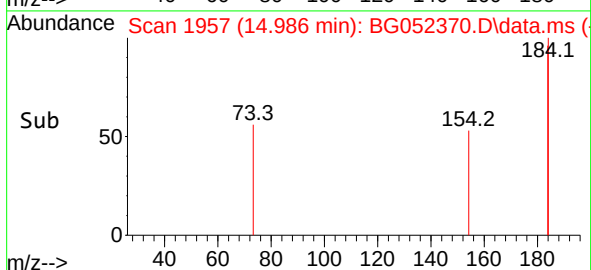
02/15/2022

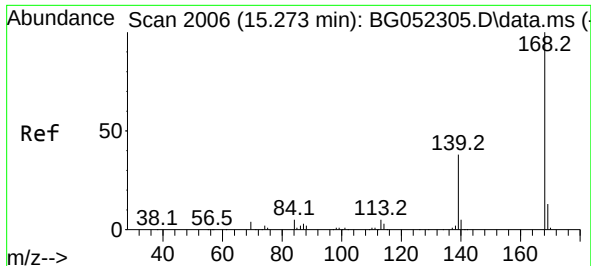


#54
2,4-Dinitrophenol
Concen: 1.149 ng
RT: 14.986 min Scan# 1957
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



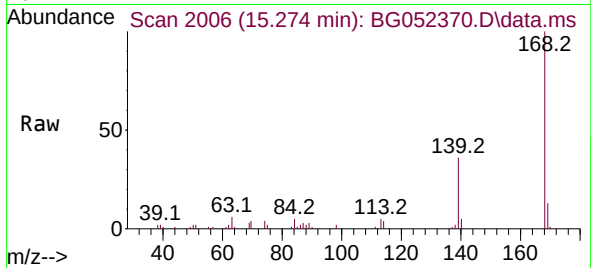
Tgt Ion:184 Resp: 688
Ion Ratio Lower Upper
184 100
63 29.5 56.0 84.0#
154 27.2 50.2 75.2#





#55
Dibenzenofuran
Concen: 4.956 ng
RT: 15.274 min Scan# 2006
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

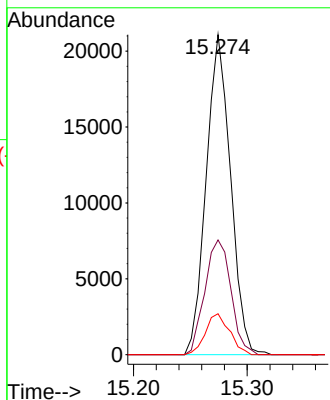
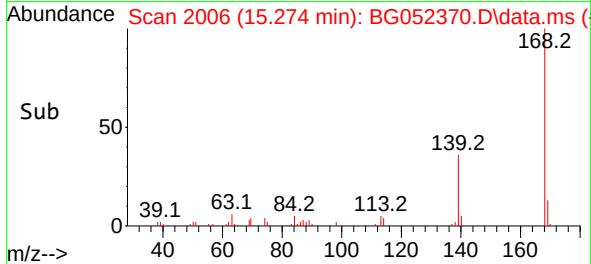
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:168 Resp: 3136
Ion Ratio Lower Upper
168 100
139 35.9 30.7 46.1
169 12.8 10.9 16.3

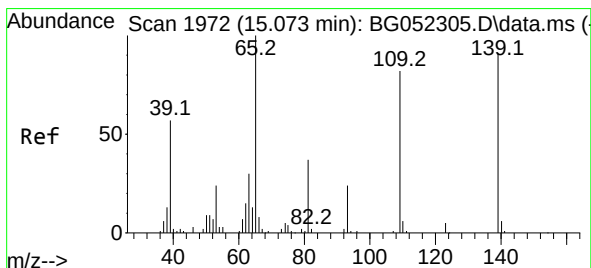
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Upadhyay

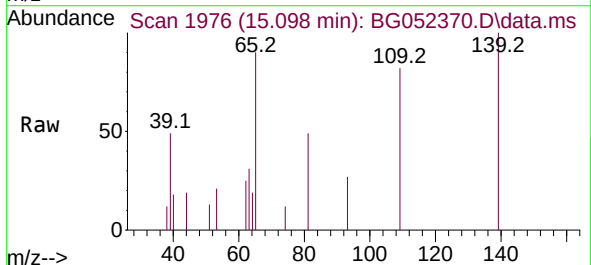


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Supervised By :mohammad
ahmed

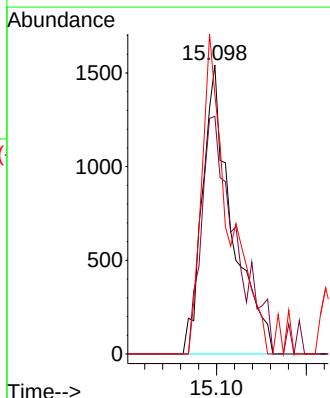
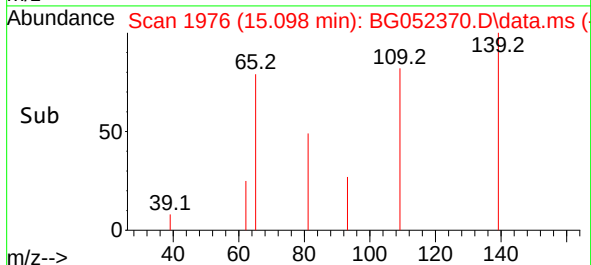
02/15/2022

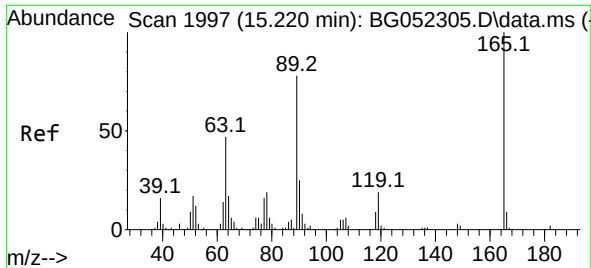


#56
4-Nitrophenol
Concen: 4.062 ng
RT: 15.098 min Scan# 1976
Delta R.T. 0.025 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



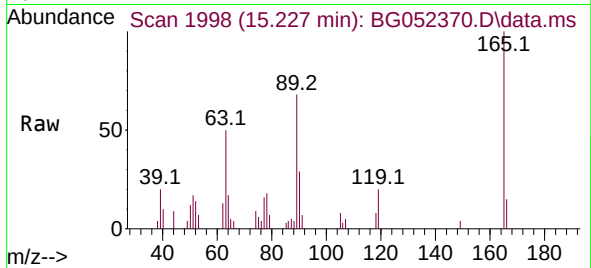
Tgt Ion:139 Resp: 3502
Ion Ratio Lower Upper
139 100
109 82.3 84.9 124.9#
65 89.8 109.9 149.9#





#57
2,4-Dinitrotoluene
Concen: 4.963 ng
RT: 15.227 min Scan# 1997
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

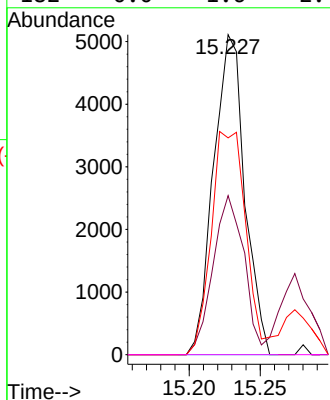
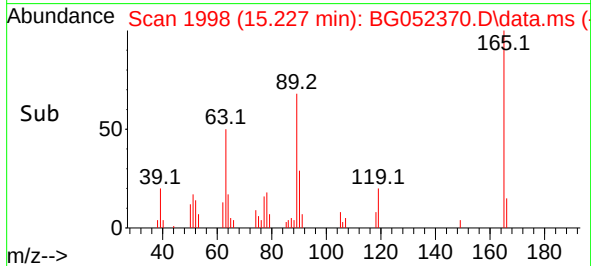
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:165 Resp: 780
Ion Ratio Lower Upper
165 100
63 49.7 44.6 66.8
89 67.8 67.4 101.0
182 0.0 1.6 2.4#

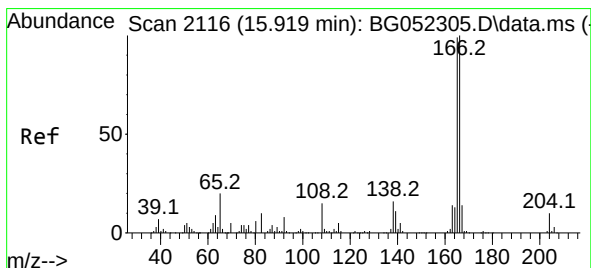
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



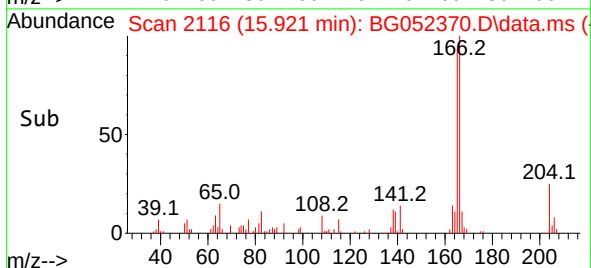
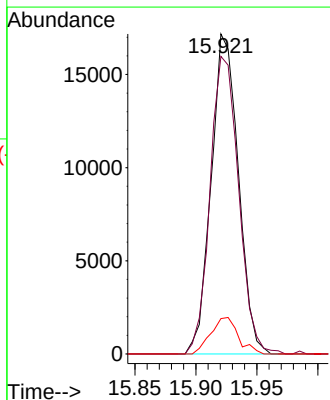
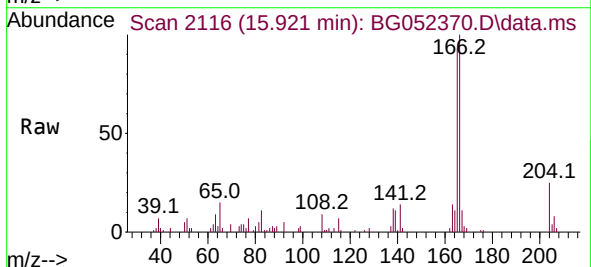
02/14/2022
Supervised By :mohammad
ahmed

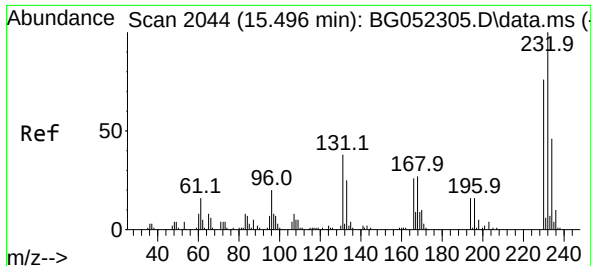
02/15/2022



#58
Fluorene
Concen: 5.279 ng
RT: 15.921 min Scan# 2116
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

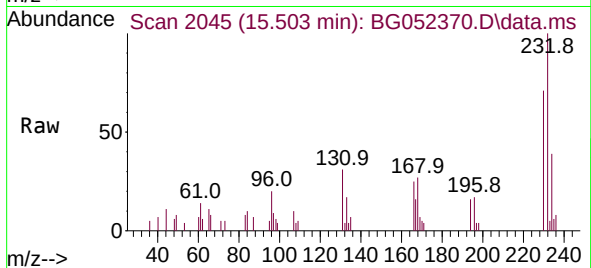
Tgt Ion:166 Resp: 26672
Ion Ratio Lower Upper
166 100
165 93.0 80.0 120.0
167 11.1 11.1 16.7#





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.196 ng
RT: 15.503 min Scan# 2045
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

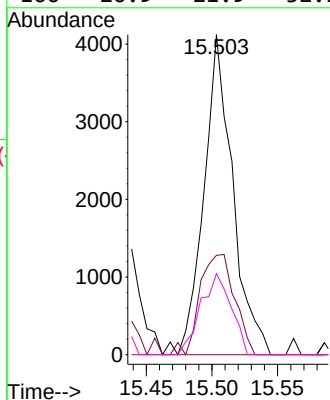
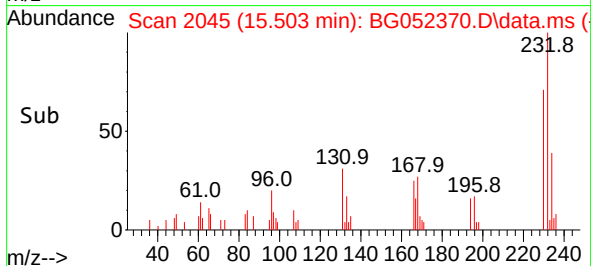
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:232 Resp: 624
Ion Ratio Lower Upper
232 100
131 38.2 32.2 48.4
130 0.0 2.2 3.4
166 26.9 21.9 32.9

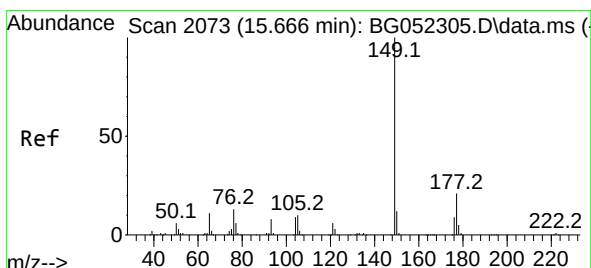
Manual Integrations
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Upadhyay



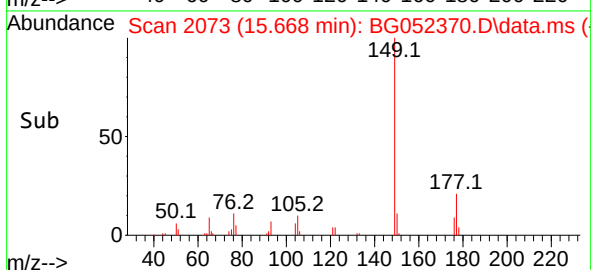
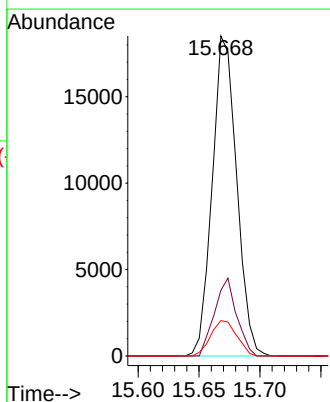
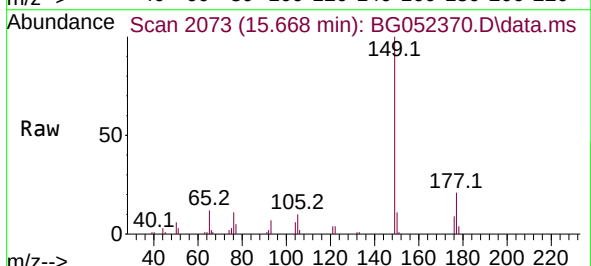
02/14/2022
Supervised By :mohammad
ahmed

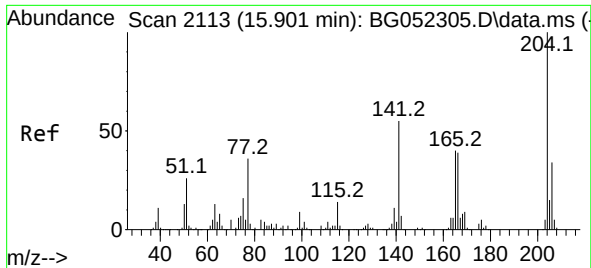
02/15/2022



#60
Diethylphthalate
Concen: 4.994 ng
RT: 15.668 min Scan# 2073
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

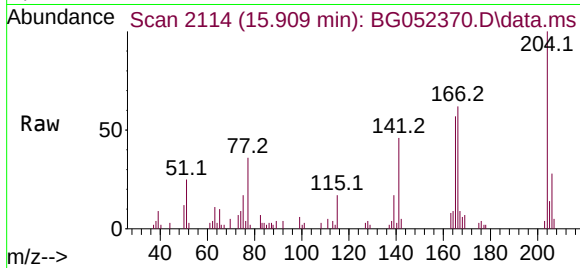
Tgt Ion:149 Resp: 25824
Ion Ratio Lower Upper
149 100
177 20.5 17.8 26.6
150 11.1 9.2 13.8





#61
4-Chlorophenyl-phenylether
Concen: 5.013 ng
RT: 15.909 min Scan# 2113
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

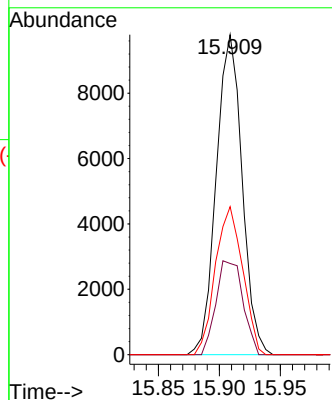
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:204 Resp: 14420
Ion Ratio Lower Upper
204 100
206 28.5 28.4 42.6
141 46.3 41.8 62.6

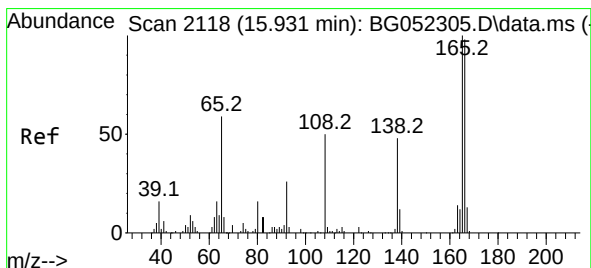
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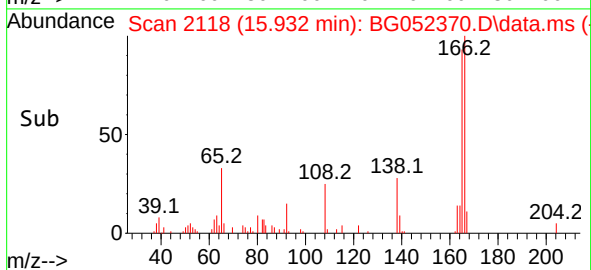
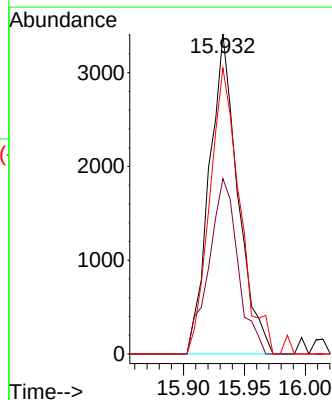
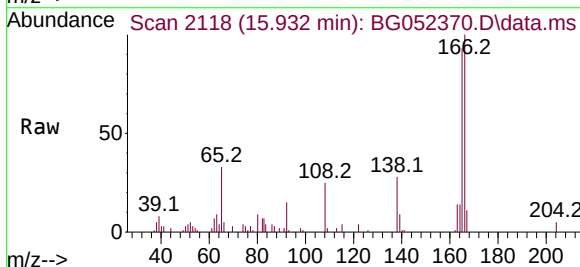
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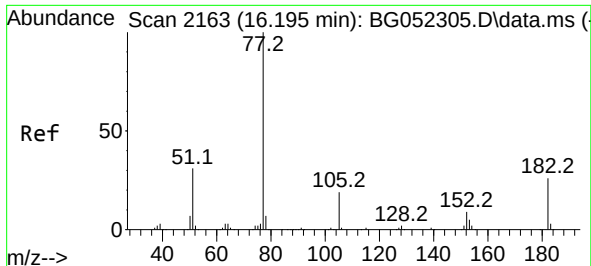
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#62
4-Nitroaniline
Concen: 4.584 ng
RT: 15.932 min Scan# 2118
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

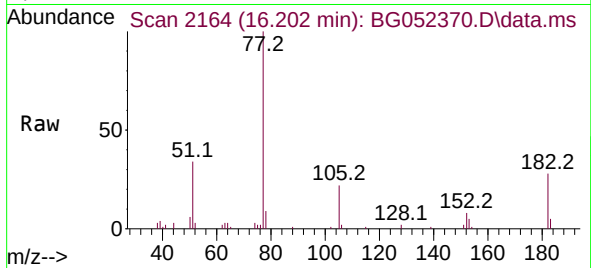
Tgt Ion:138 Resp: 5541
Ion Ratio Lower Upper
138 100
92 54.8 35.5 75.5
108 89.4 96.4 136.4#





#63
Azobenzene
Concen: 4.873 ng
RT: 16.202 min Scan# 2163
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

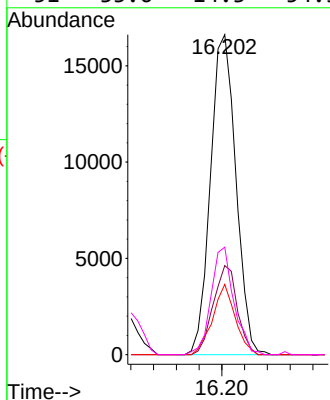
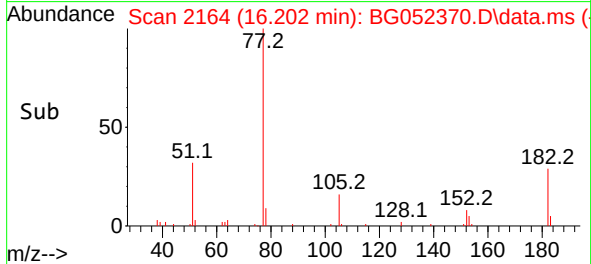
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 25792
Ion Ratio Lower Upper
77 100
182 27.9 4.1 44.1
105 22.0 0.0 37.5
51 33.6 14.3 54.3

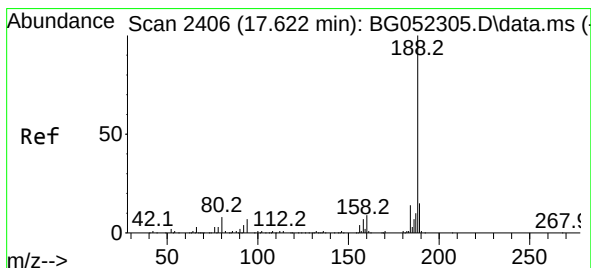
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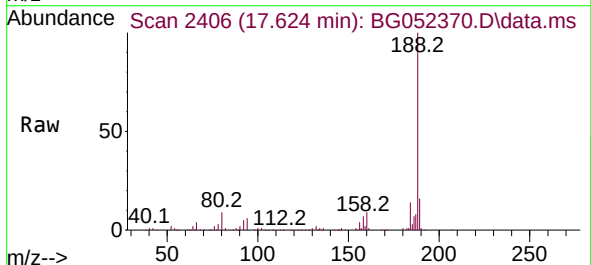


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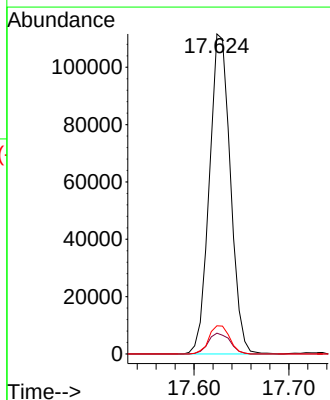
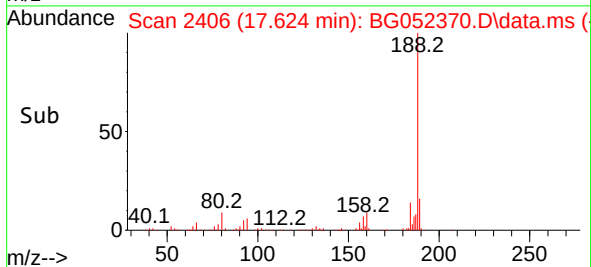
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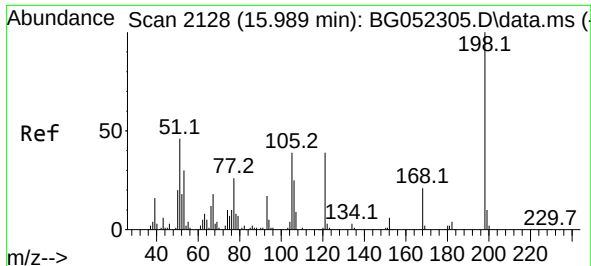


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



Tgt Ion:188 Resp: 171998
Ion Ratio Lower Upper
188 100
94 6.5 5.9 8.9
80 8.8 6.6 10.0





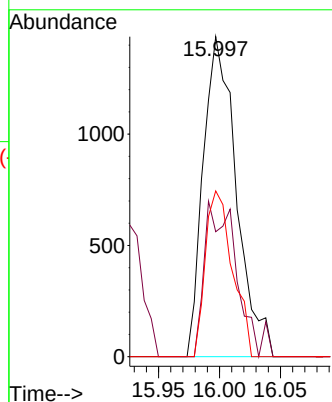
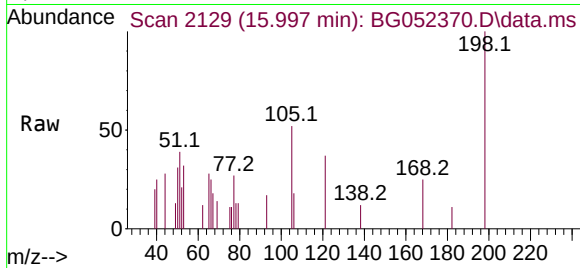
#65
4,6-Dinitro-2-methylphenol
Concen: 2.630 ng
RT: 15.997 min Scan# 2128
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

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

Tgt Ion:198 Resp: 272
Ion Ratio Lower Upper
198 100
51 39.1 31.6 71.6
105 51.8 22.3 62.3

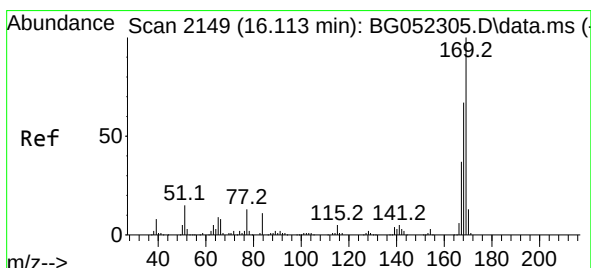
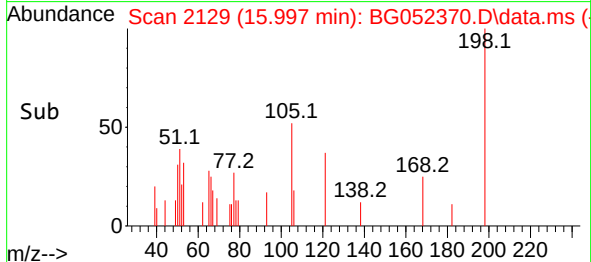
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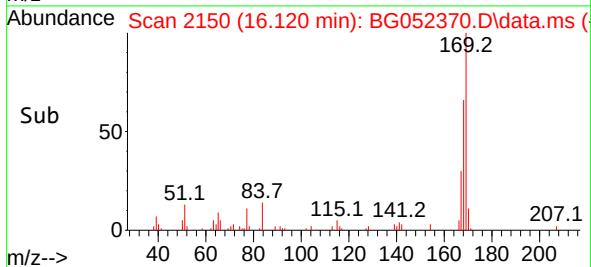
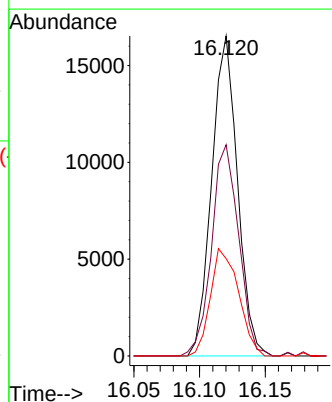
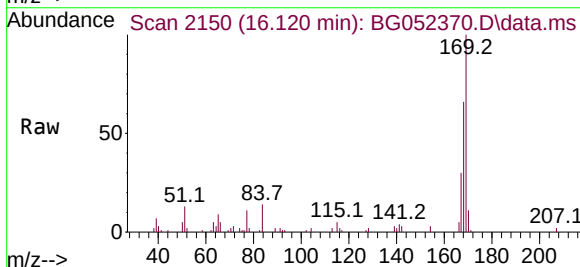
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Supervised By :mohammad
ahmed

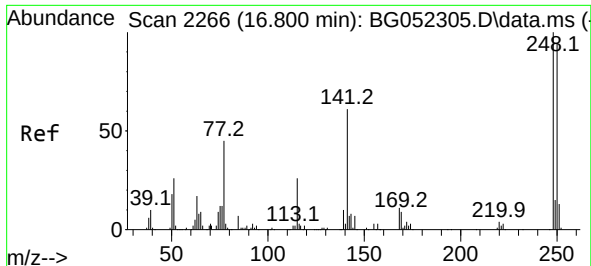
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#66
n-Nitrosodiphenylamine
Concen: 4.766 ng
RT: 16.120 min Scan# 2150
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

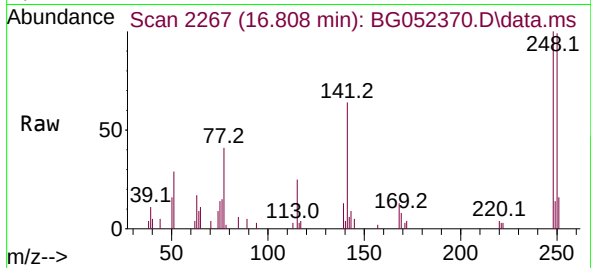
Tgt Ion:169 Resp: 22588
Ion Ratio Lower Upper
169 100
168 66.0 57.4 86.0
167 30.4 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 4.668 ng
RT: 16.808 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

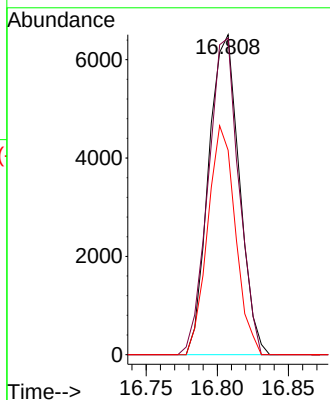
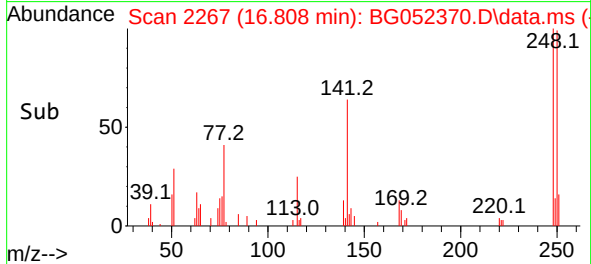
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:248 Resp: 976
Ion Ratio Lower Upper
248 100
250 99.0 79.6 119.4
141 63.9 54.6 81.8

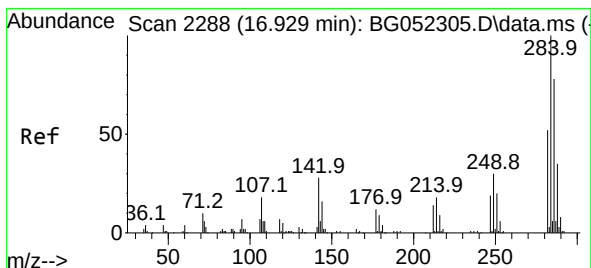
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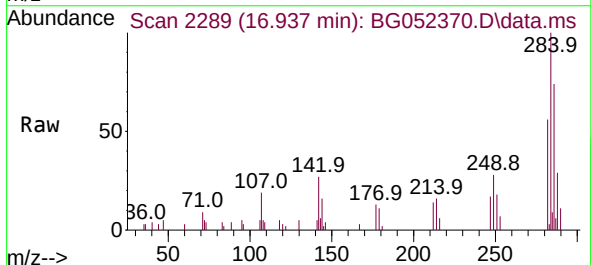


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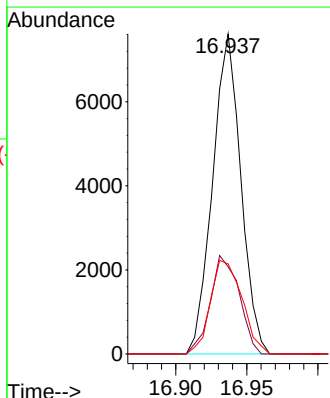
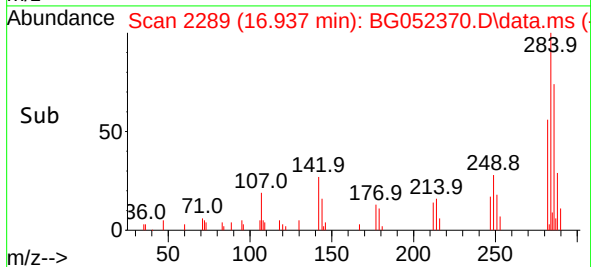
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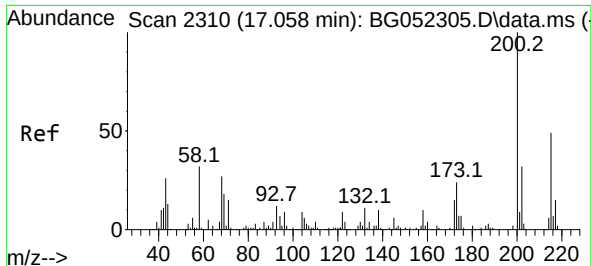


#68
Hexachlorobenzene
Concen: 4.630 ng
RT: 16.937 min Scan# 2289
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



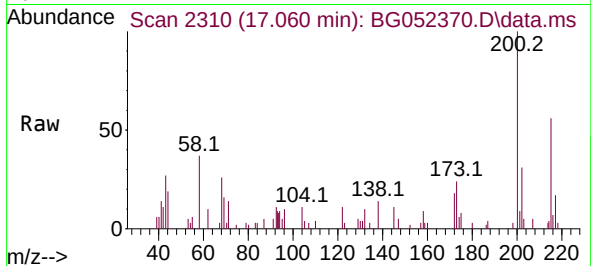
Tgt Ion:284 Resp: 10504
Ion Ratio Lower Upper
284 100
142 27.3 26.2 39.2
249 28.2 26.9 40.3





#69
 Atrazine
 Concen: 5.199 ng
 RT: 17.060 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

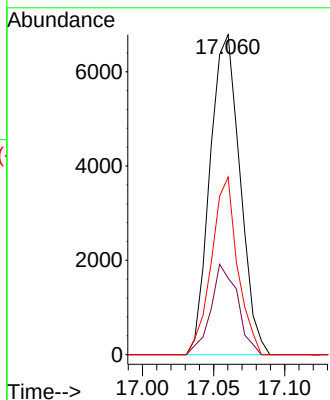
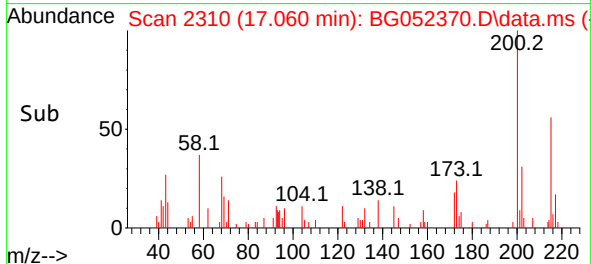
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021



Tgt Ion:200 Resp: 9960
 Ion Ratio Lower Upper
 200 100
 173 23.9 3.3 43.3
 215 55.5 24.4 64.4

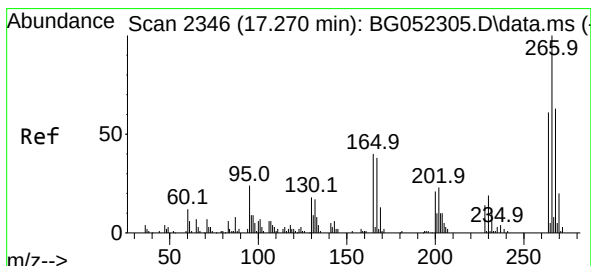
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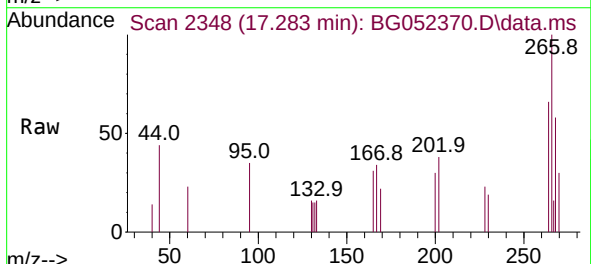


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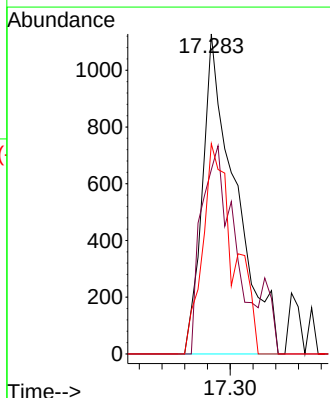
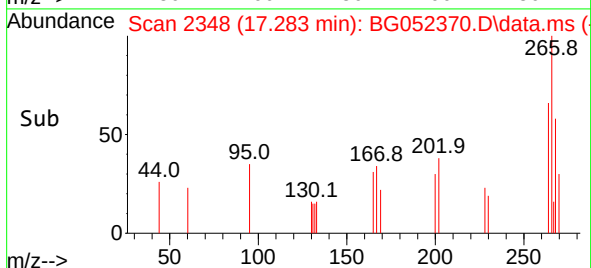
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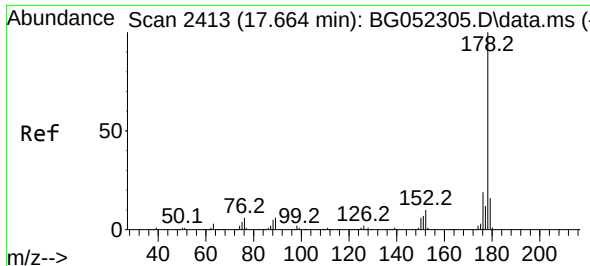


#70
 Pentachlorophenol
 Concen: 2.043 ng
 RT: 17.283 min Scan# 2348
 Delta R.T. 0.013 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57



Tgt Ion:266 Resp: 2268
 Ion Ratio Lower Upper
 266 100
 268 57.5 50.6 75.8
 264 65.7 52.2 78.2





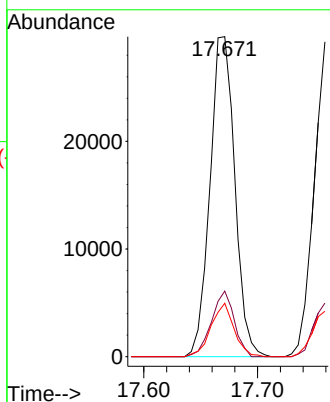
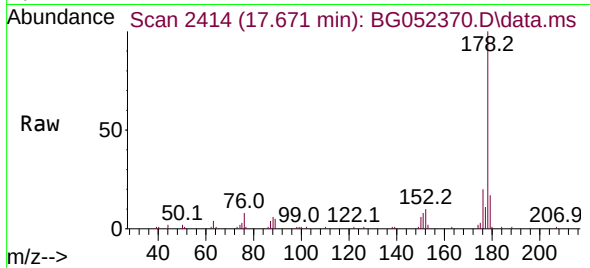
#71
Phenanthrene
Concen: 5.091 ng
RT: 17.671 min Scan# 2413
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

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

Tgt Ion:178 Resp: 45130
Ion Ratio Lower Upper
178 100
176 20.5 16.6 25.0
179 16.7 12.6 18.8

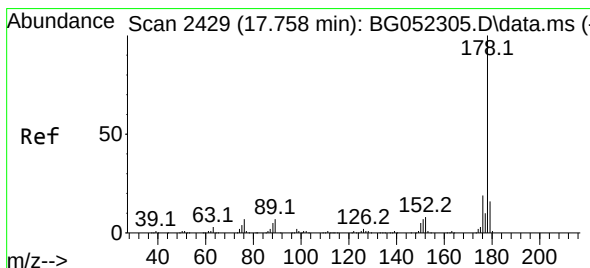
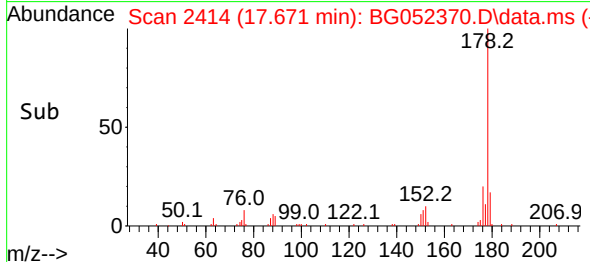
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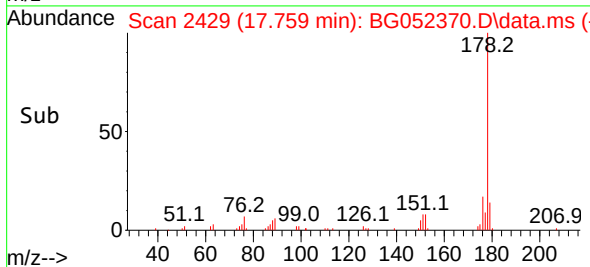
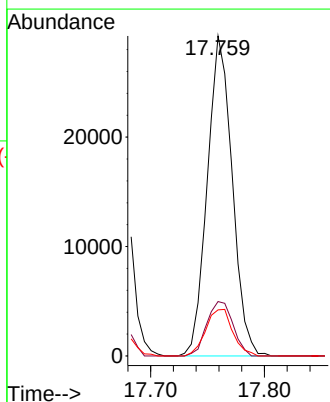
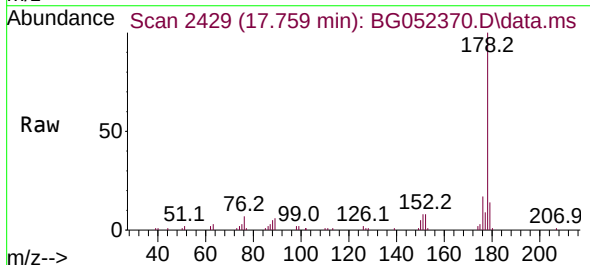
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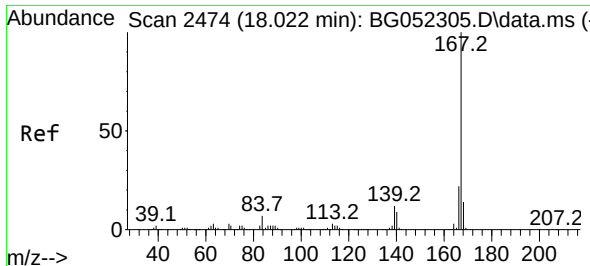
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#72
Anthracene
Concen: 5.128 ng
RT: 17.759 min Scan# 2429
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

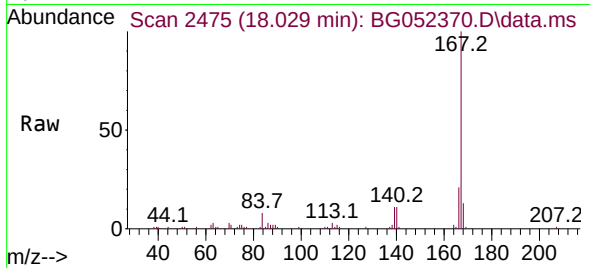
Tgt Ion:178 Resp: 44552
Ion Ratio Lower Upper
178 100
176 17.0 15.3 22.9
179 14.4 13.1 19.7





#73
 Carbazole
 Concen: 4.909 ng
 RT: 18.029 min Scan# 2475
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

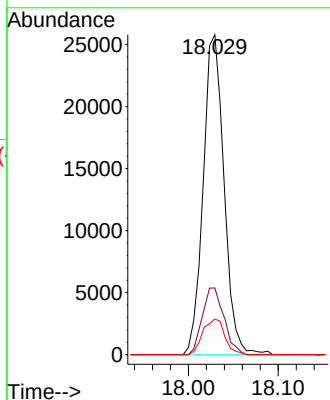
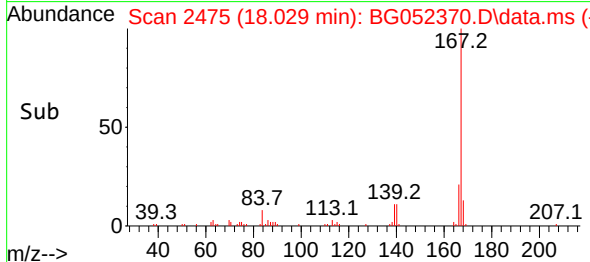
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021



Tgt Ion:167 Resp: 41604
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.8 26.6
 139 11.1 10.6 16.0

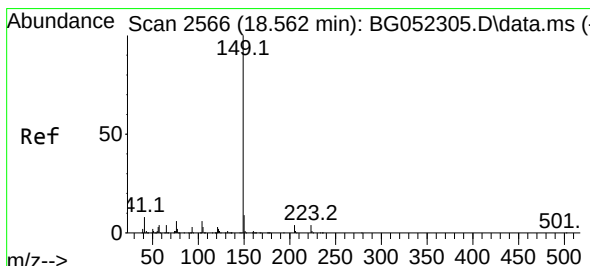
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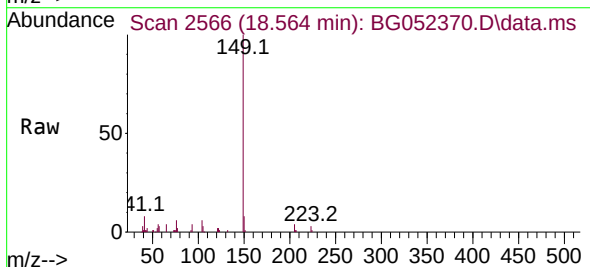


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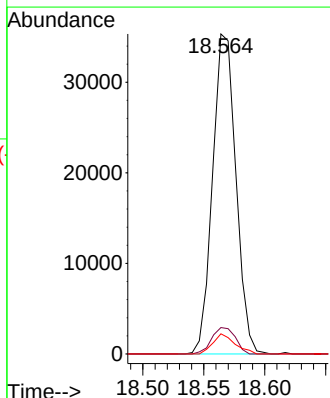
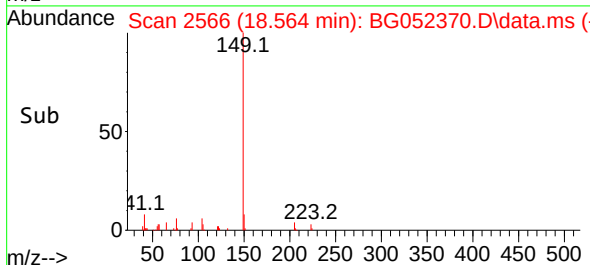
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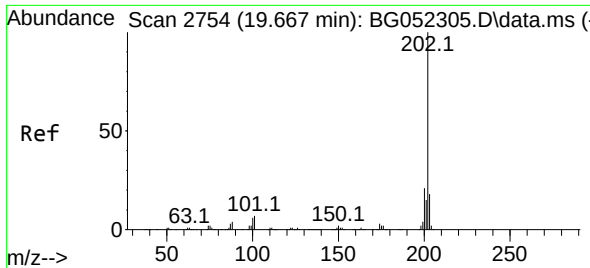


#74
 Di-n-butylphthalate
 Concen: 5.095 ng
 RT: 18.564 min Scan# 2566
 Delta R.T. 0.002 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57



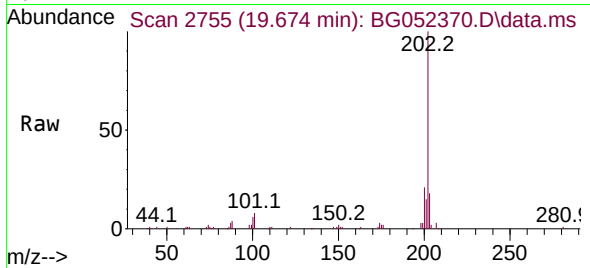
Tgt Ion:149 Resp: 47039
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.4 11.0
 104 6.3 5.4 8.2





#75
Fluoranthene
Concen: 5.194 ng
RT: 19.674 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

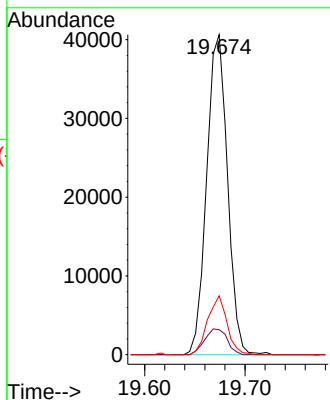
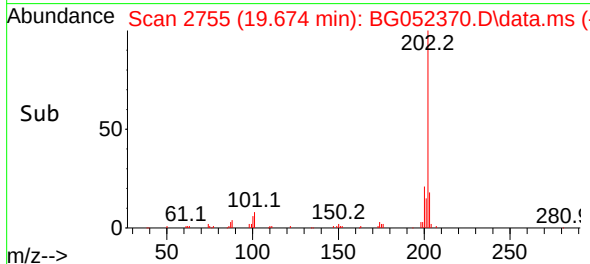
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:202 Resp: 58640
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.1
203 18.4 0.0 37.8

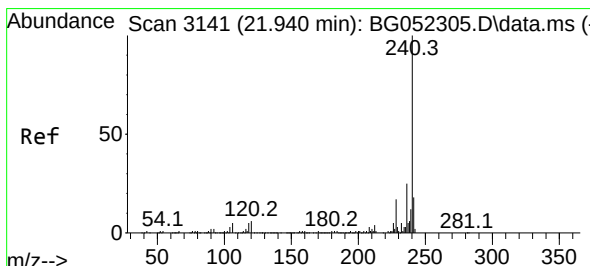
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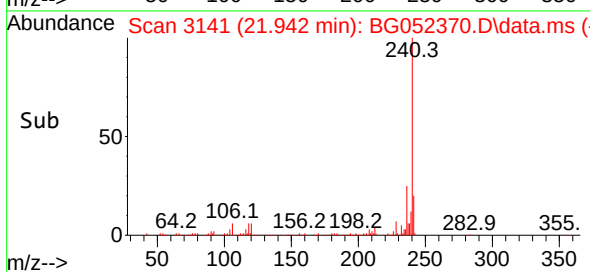
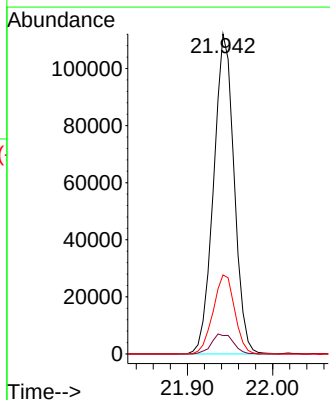
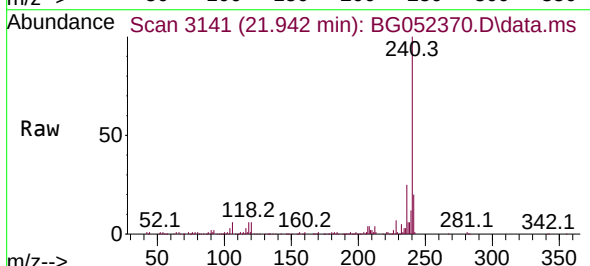
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ahmed

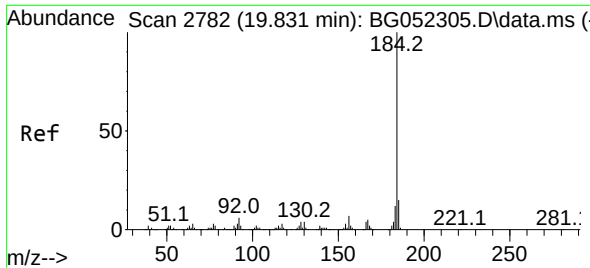
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.942 min Scan# 3141
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

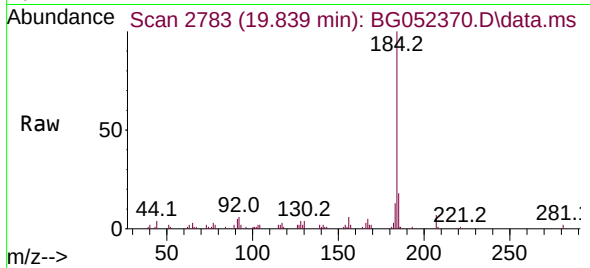
Tgt Ion:240 Resp: 187600
Ion Ratio Lower Upper
240 100
120 5.7 4.4 6.6
236 24.7 20.8 31.2





#77
Benzidine
Concen: 7.433 ng
RT: 19.839 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

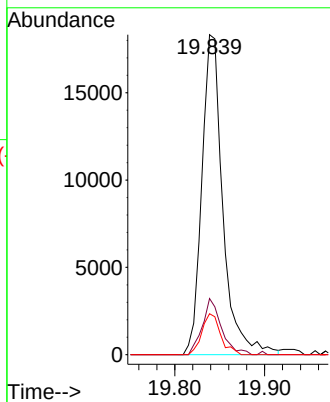
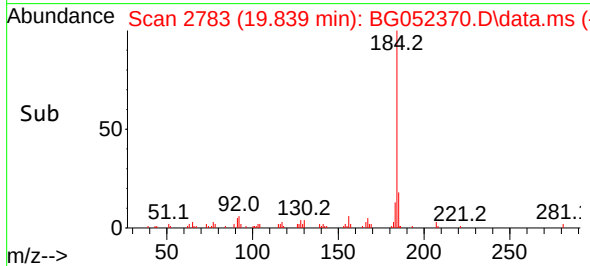
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:184 Resp: 29794
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.8
183 12.8 9.8 14.6

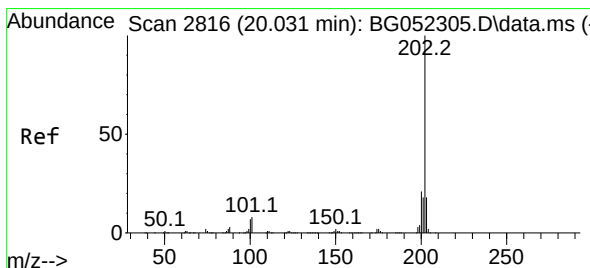
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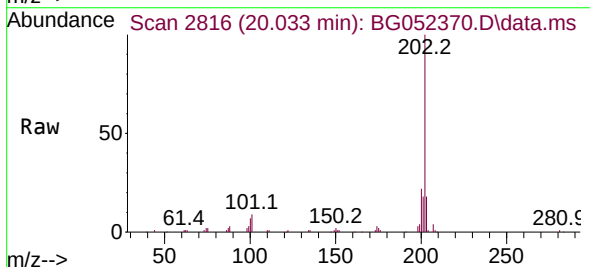


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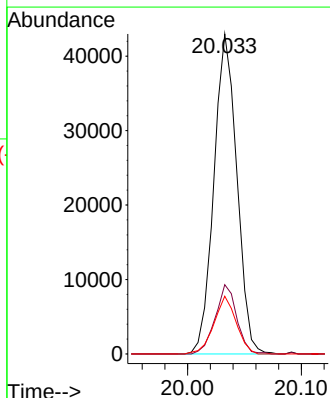
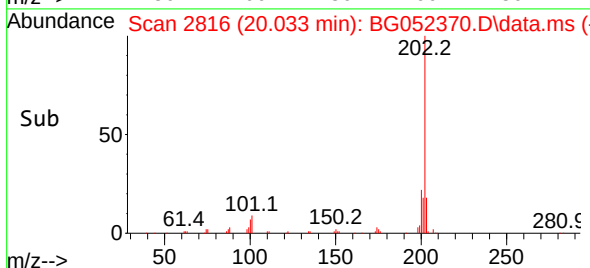
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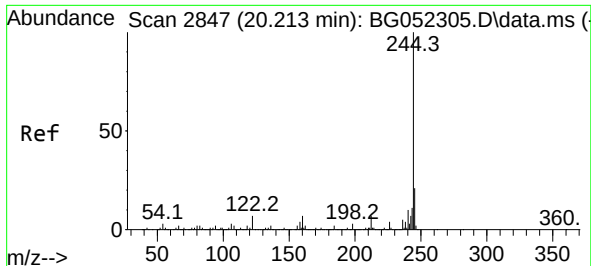


#78
Pyrene
Concen: 4.806 ng
RT: 20.033 min Scan# 2816
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



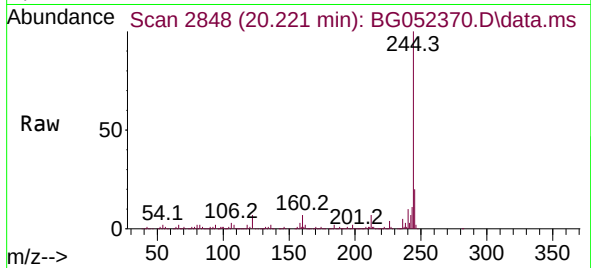
Tgt Ion:202 Resp: 60329
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 18.0 14.5 21.7





#79
 Terphenyl-d14
 Concen: 72.240 ng
 RT: 20.221 min Scan# 21
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

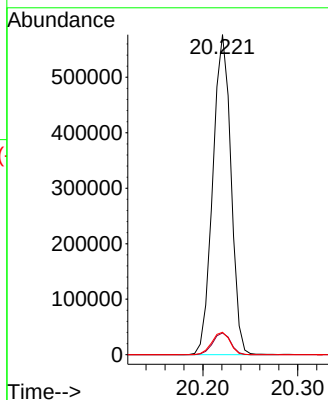
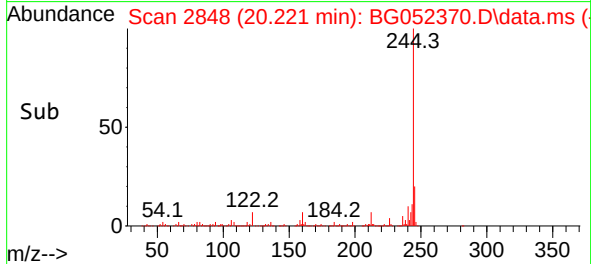
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021



Tgt Ion:244 Resp: 76745
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 7.0 6.2 9.4

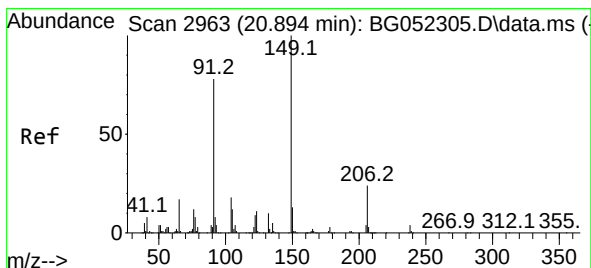
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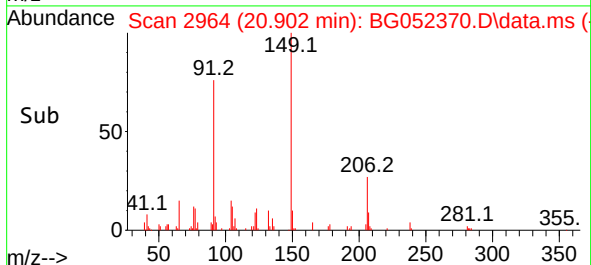
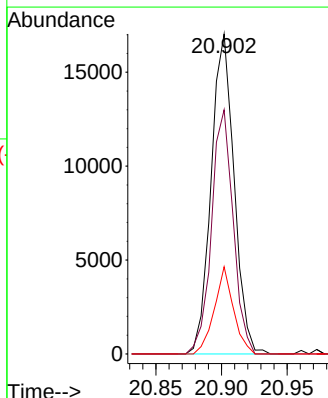
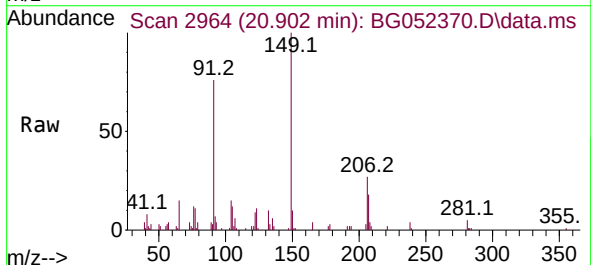
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 ahmed

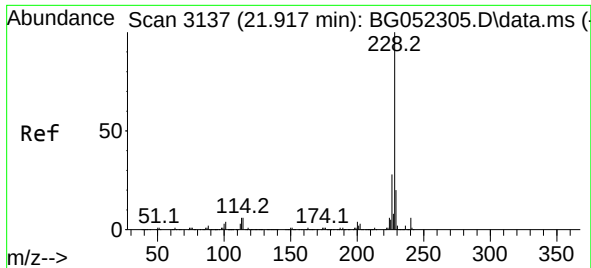
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#80
 Butylbenzylphthalate
 Concen: 4.741 ng
 RT: 20.902 min Scan# 2964
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

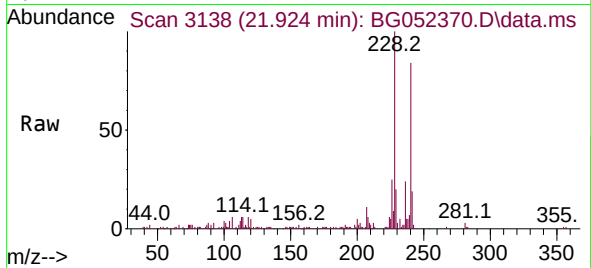
Tgt Ion:149 Resp: 20671
 Ion Ratio Lower Upper
 149 100
 91 76.3 64.0 96.0
 206 27.2 19.3 28.9





#81
Benzo(a)anthracene
Concen: 4.921 ng
RT: 21.924 min Scan# 3137
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

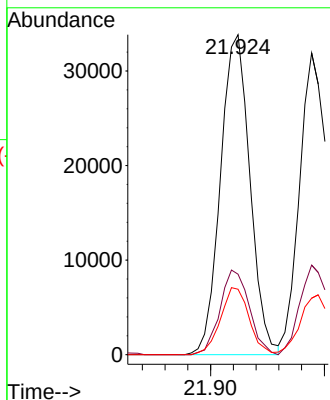
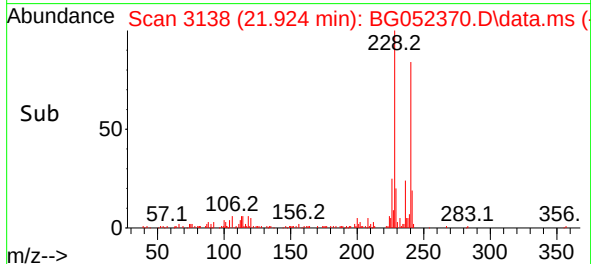
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:228 Resp: 61090
Ion Ratio Lower Upper
228 100
226 25.2 21.6 32.4
229 20.5 16.0 24.0

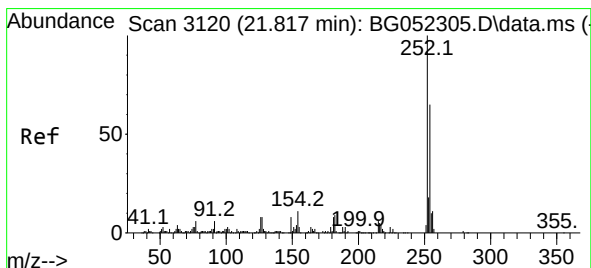
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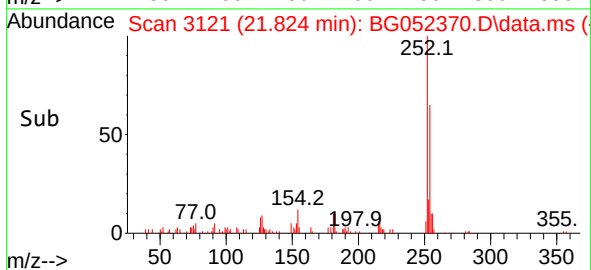
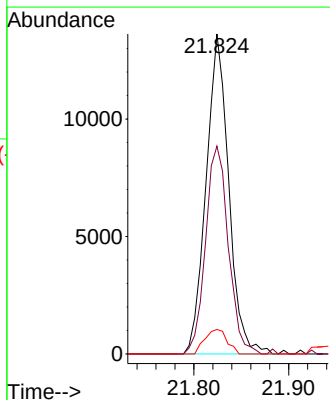
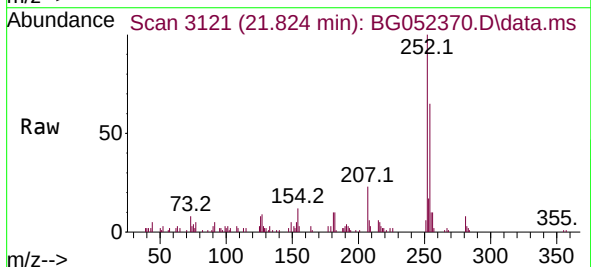
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Supervised By :mohammad
ahmed

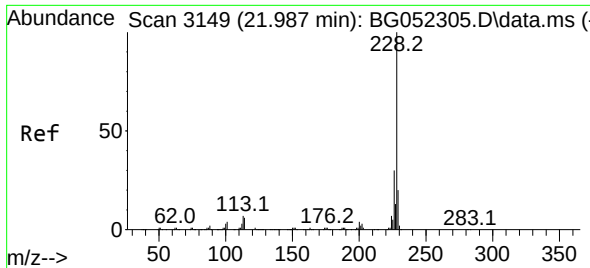
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#82
3,3'-Dichlorobenzidine
Concen: 5.205 ng
RT: 21.824 min Scan# 3121
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

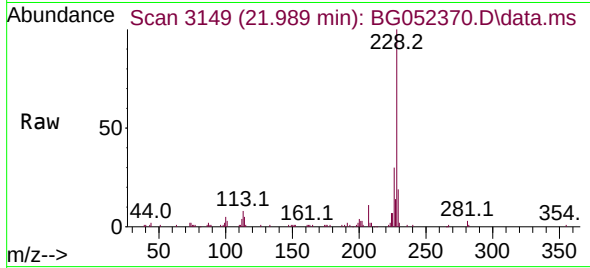
Tgt Ion:252 Resp: 22556
Ion Ratio Lower Upper
252 100
254 64.9 52.6 79.0
126 7.6 6.4 9.6





#83
Chrysene
Concen: 4.741 ng
RT: 21.989 min Scan# 3149
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

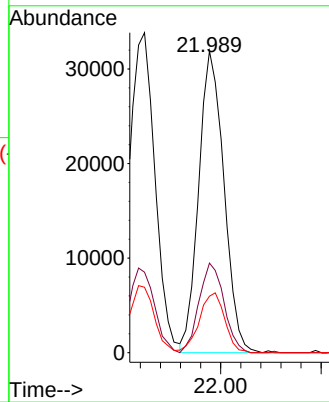
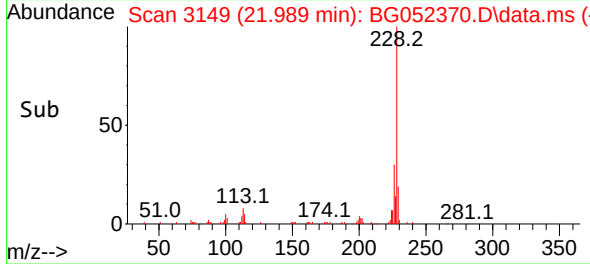
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:228 Resp: 5577
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 18.7 16.4 24.6

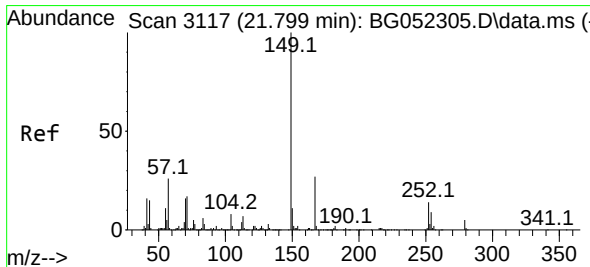
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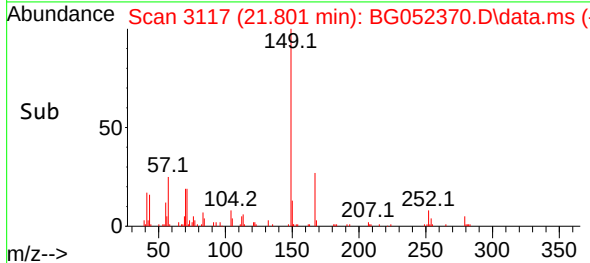
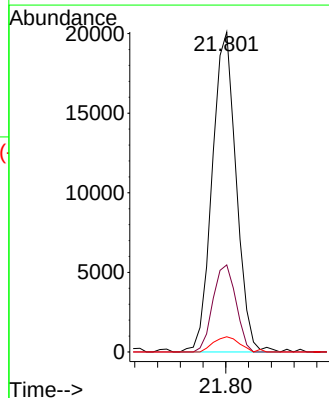
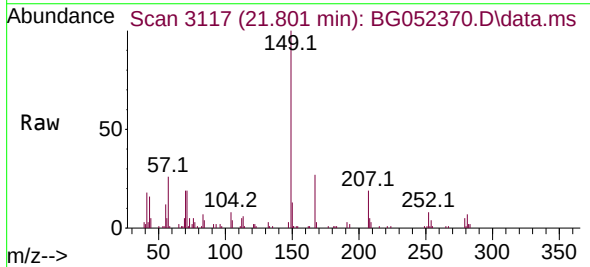
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Supervised By :mohammad
ahmed

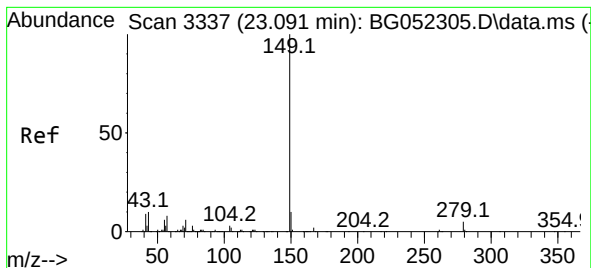
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.872 ng
RT: 21.801 min Scan# 3117
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

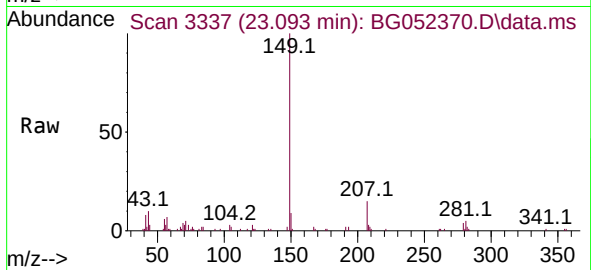
Tgt Ion:149 Resp: 29459
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 4.8 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 4.797 ng
RT: 23.093 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

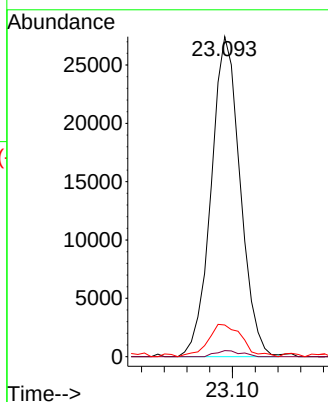
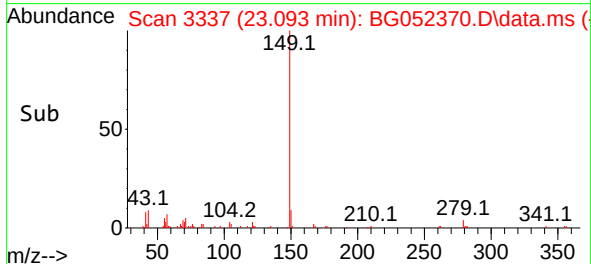
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:149 Resp: 48630
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.7 10.0 15.0

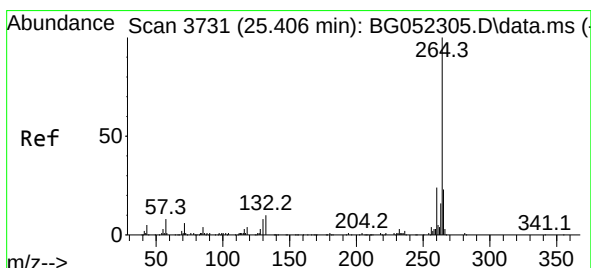
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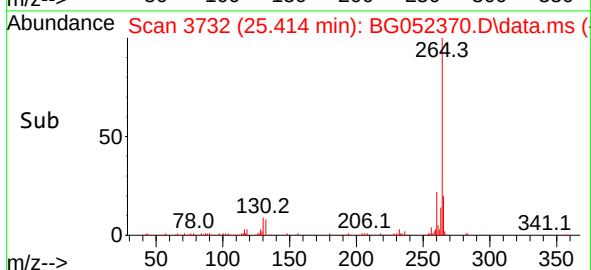
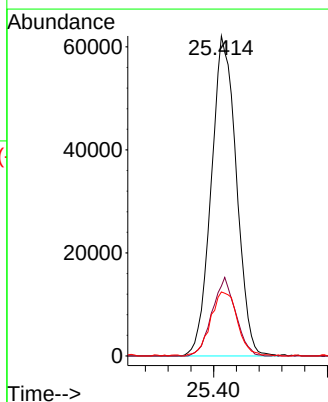
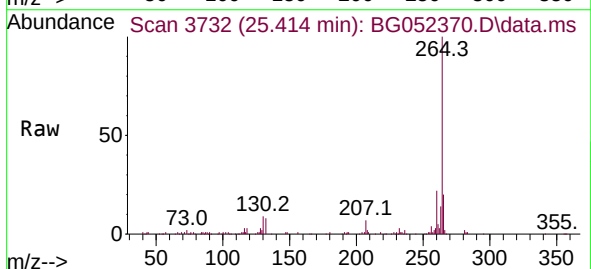
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ahmed

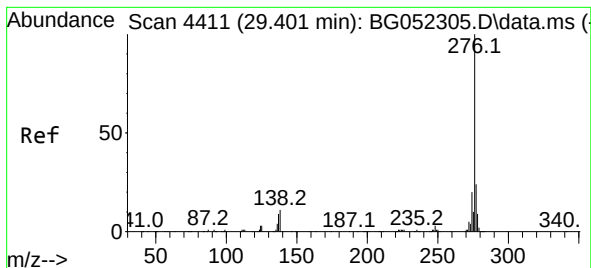
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.414 min Scan# 3732
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:264 Resp: 190367
Ion Ratio Lower Upper
264 100
260 21.9 18.5 27.7
265 20.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.394 ng

RT: 29.420 min Scan# 4411

Delta R.T. 0.019 min

Lab File: BG052370.D

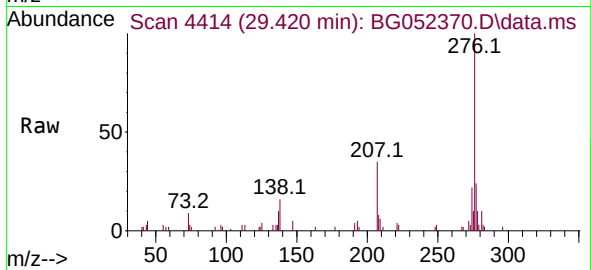
Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

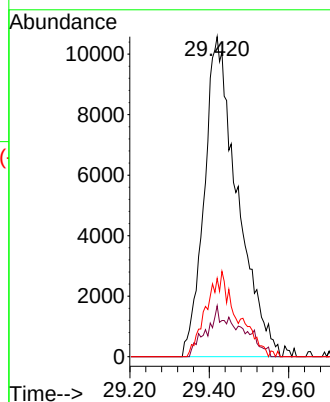
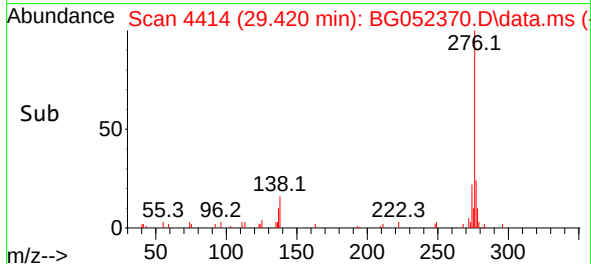


Tgt Ion: 276 Resp: 6121

Ion	Ratio	Lower	Upper
276	100		
138	7.0	6.1	9.1
277	19.7	20.2	30.4

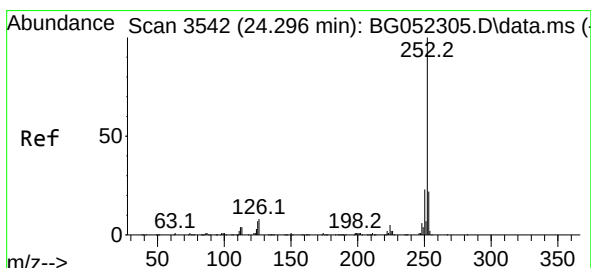
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#88

Benzo(b)fluoranthene

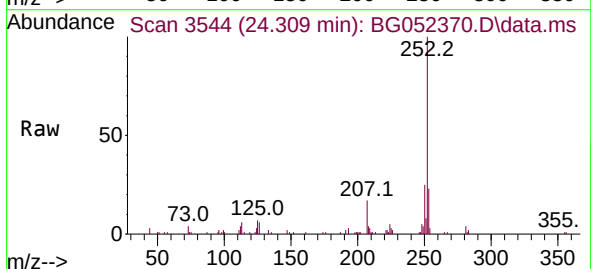
Concen: 5.042 ng

RT: 24.309 min Scan# 3544

Delta R.T. 0.013 min

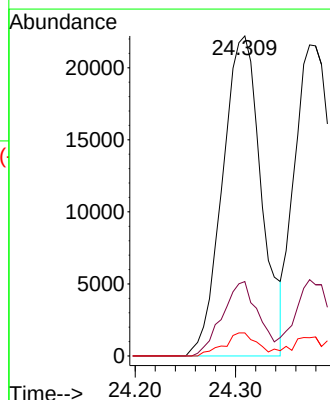
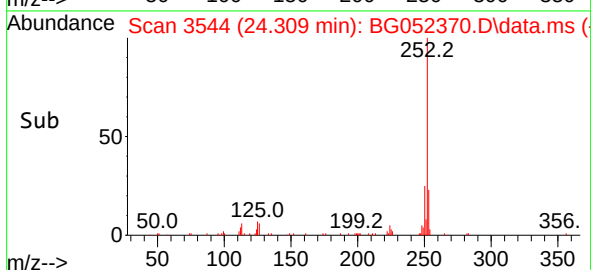
Lab File: BG052370.D

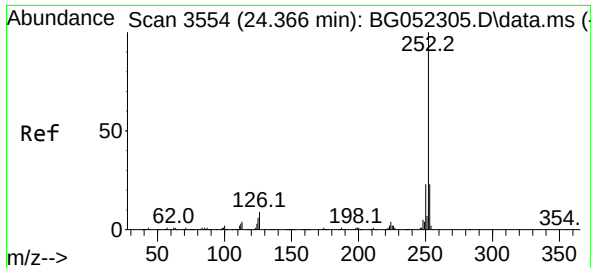
Acq: 11 Feb 2022 14:57



Tgt Ion: 252 Resp: 59813

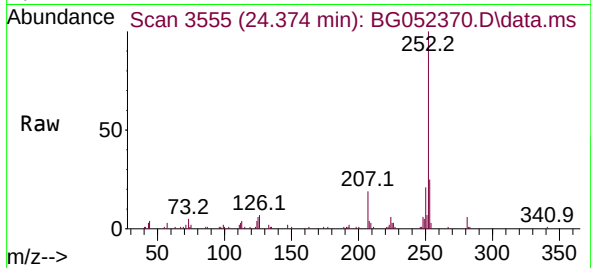
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	7.2	5.4	8.2





#89
Benzo(k)fluoranthene
Concen: 4.856 ng
RT: 24.374 min Scan# 3555
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

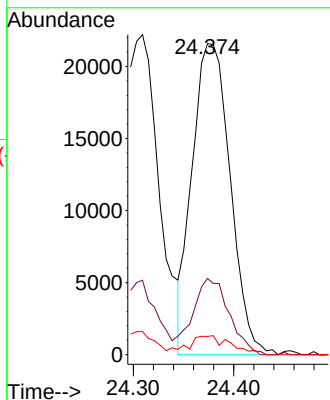
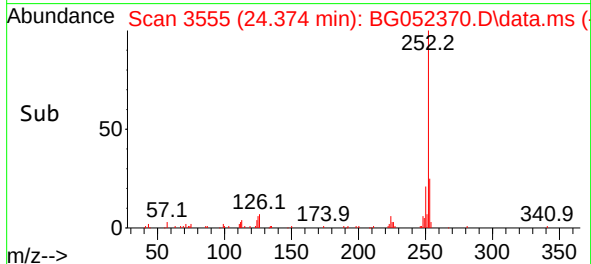
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:252 Resp: 5691
Ion Ratio Lower Upper
252 100
253 24.5 17.3 25.9
125 5.9 4.6 7.0

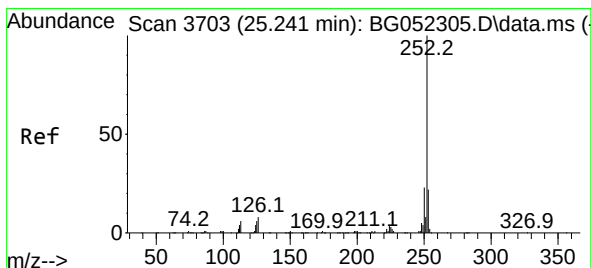
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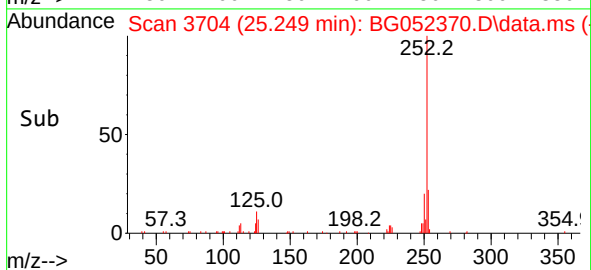
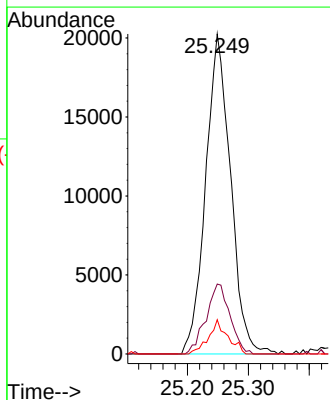
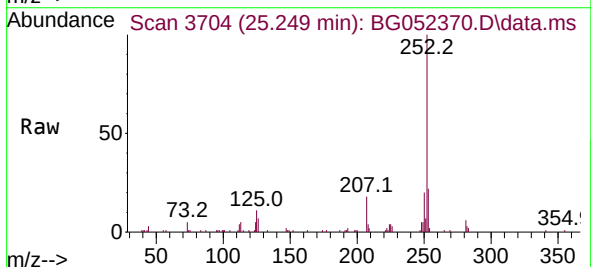
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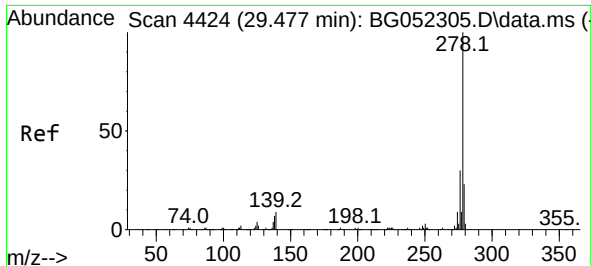
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#90
Benzo(a)pyrene
Concen: 5.739 ng
RT: 25.249 min Scan# 3704
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

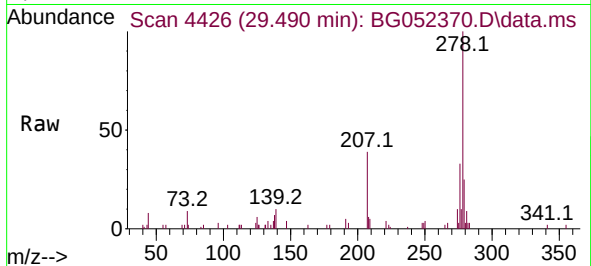
Tgt Ion:252 Resp: 57511
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.7 5.0 7.6#





#91
Dibenzo(a,h)anthracene
Concen: 4.761 ng
RT: 29.490 min Scan# 4424
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

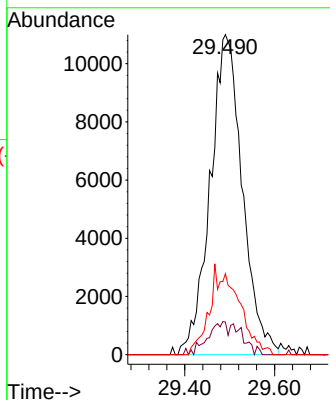
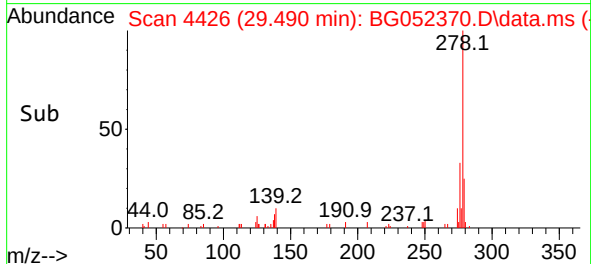
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:278 Resp: 5478
Ion Ratio Lower Upper
278 100
139 10.2 6.4 9.6
279 25.3 20.1 30.1

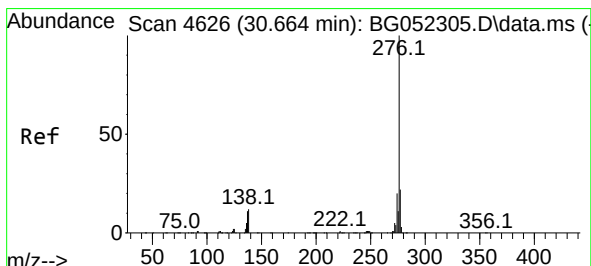
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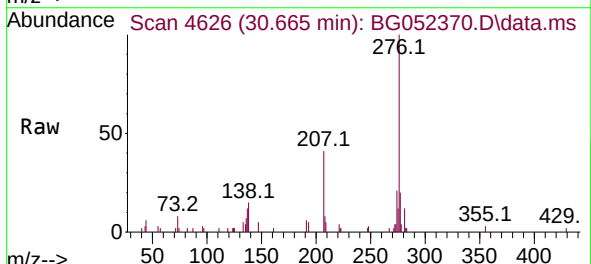


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ahmed

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#92
Benzo(g,h,i)perylene
Concen: 4.718 ng
RT: 30.665 min Scan# 4626
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57



Tgt Ion:276 Resp: 53286
Ion Ratio Lower Upper
276 100
277 19.7 18.2 27.2
138 15.4 9.1 13.7#

