

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055750.D
 Acq On : 22 Nov 2022 22:03
 Operator : CG/JU
 Sample : N5718-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

VNJ-228MSD

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 01:41:10 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 23 01:35:20 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	38679	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	168999	20.000	ng	0.00
39) Acenaphthene-d10	14.869	164	119773	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	251883	20.000	ng	0.00
76) Chrysene-d12	21.914	240	228614	20.000	ng	0.00
86) Perylene-d12	25.321	264	249913	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	349190	163.181	ng	0.00
7) Phenol-d6	7.395	99	454313	159.490	ng	0.00
23) Nitrobenzene-d5	9.416	82	281406	88.010	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	226756	134.449	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	669418	83.731	ng	0.00
79) Terphenyl-d14	20.198	244	967219	84.621	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.606	88	37363	40.857	ng	98
3) Pyridine	4.017	79	105396	37.568	ng	99
4) n-Nitrosodimethylamine	3.929	42	67050	45.142	ng	91
6) Aniline	7.560	93	129570	36.214	ng	98
8) 2-Chlorophenol	7.807	128	135168	55.255	ng	99
9) Benzaldehyde	7.372	77	76211	39.395	ng	97
10) Phenol	7.419	94	171249	53.692	ng	100
11) bis(2-Chloroethyl)ether	7.648	93	120567	49.326	ng	100
12) 1,3-Dichlorobenzene	8.130	146	142097	49.406	ng	98
13) 1,4-Dichlorobenzene	8.282	146	144279	49.643	ng	98
14) 1,2-Dichlorobenzene	8.600	146	141545	50.823	ng	99
15) Benzyl Alcohol	8.476	79	121836m	52.628	ng	
16) 2,2'-oxybis(1-Chloropr...	8.764	45	217761	49.213	ng	98
17) 2-Methylphenol	8.682	107	121645	53.720	ng	98
18) Hexachloroethane	9.340	117	51709	51.693	ng	98
19) n-Nitroso-di-n-propyla...	9.046	70	102221	46.705	ng	99
20) 3+4-Methylphenols	9.011	107	165532	52.330	ng	96
22) Acetophenone	9.070	105	201867	45.968	ng	# 98
24) Nitrobenzene	9.458	77	156496	46.858	ng	98
25) Isophorone	9.980	82	289364	47.764	ng	99
26) 2-Nitrophenol	10.174	139	79579	51.616	ng	97
27) 2,4-Dimethylphenol	10.221	122	136147m	58.022	ng	
28) bis(2-Chloroethoxy)met...	10.456	93	166587	51.220	ng	100
29) 2,4-Dichlorophenol	10.715	162	143265	51.010	ng	99
30) 1,2,4-Trichlorobenzene	10.932	180	153955	47.183	ng	98
31) Naphthalene	11.126	128	427121	46.752	ng	99
32) Benzoic acid	10.374	122	97190	50.343	ng	97
33) 4-Chloroaniline	11.226	127	101967	27.057	ng	99
34) Hexachlorobutadiene	11.402	225	101256	45.446	ng	96
35) Caprolactam	12.002	113	45358m	46.669	ng	
36) 4-Chloro-3-methylphenol	12.331	107	154589	50.079	ng	98
37) 2-Methylnaphthalene	12.713	142	321087	46.940	ng	100
38) 1-Methylnaphthalene	12.930	142	302333	45.528	ng	99
40) 1,2,4,5-Tetrachloroben...	13.077	216	185642	49.322	ng	99
41) Hexachlorocyclopentadiene	13.047	237	136306	71.852	ng	99
43) 2,4,6-Trichlorophenol	13.312	196	126594	49.306	ng	98

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	136081	48.230	ng	98
46) 1,1'-Biphenyl	13.705	154	424884	48.680	ng	99
47) 2-Chloronaphthalene	13.752	162	326942	48.193	ng	99
48) 2-Nitroaniline	13.952	65	106890	47.924	ng	93
49) Acenaphthylene	14.593	152	526230	47.105	ng	99
50) Dimethylphthalate	14.311	163	413495	43.308	ng	99
51) 2,6-Dinitrotoluene	14.434	165	90436	46.324	ng	97
52) Acenaphthene	14.933	154	391601m	53.635	ng	
53) 3-Nitroaniline	14.769	138	78509	36.634	ng	100
54) 2,4-Dinitrophenol	14.975	184	90232	80.388	ng	97
55) Dibenzofuran	15.262	168	530091	47.063	ng	99
56) 4-Nitrophenol	15.074	139	154482	91.844	ng	99
57) 2,4-Dinitrotoluene	15.221	165	127585	46.353	ng	97
58) Fluorene	15.915	166	429415	47.734	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.486	232	120538	44.089	ng	98
60) Diethylphthalate	15.662	149	412517	42.734	ng	99
61) 4-Chlorophenyl-phenyle...	15.891	204	220519	44.594	ng	96
62) 4-Nitroaniline	15.926	138	90914	40.582	ng	98
63) Azobenzene	16.191	77	403094	47.831	ng	98
65) 4,6-Dinitro-2-methylph...	15.985	198	62597	44.506	ng	98
66) n-Nitrosodiphenylamine	16.109	169	355683	51.239	ng	99
67) 4-Bromophenyl-phenylether	16.790	248	143449	49.984	ng	99
68) Hexachlorobenzene	16.913	284	155917	48.995	ng	100
69) Atrazine	17.049	200	141232	51.443	ng	100
70) Pentachlorophenol	17.260	266	187014	96.068	ng	99
71) Phenanthrene	17.654	178	827578	60.884	ng	99
72) Anthracene	17.748	178	705131	53.391	ng	99
73) Carbazole	18.012	167	579912	48.843	ng	99
74) Di-n-butylphthalate	18.547	149	677388	45.948	ng	100
75) Fluoranthene	19.651	202	1075653	65.047	ng	98
77) Benzidine	19.822	184	183340	34.665	ng	98
78) Pyrene	20.010	202	1012098	65.404	ng	98
80) Butylbenzylphthalate	20.874	149	291902	48.185	ng	98
81) Benzo(a)anthracene	21.890	228	863560	54.843	ng	98
82) 3,3'-Dichlorobenzidine	21.790	252	197376	35.673	ng	98
83) Chrysene	21.961	228	805909	53.763	ng	100
84) Bis(2-ethylhexyl)phtha...	21.761	149	460926	52.943	ng	100
85) Di-n-octyl phthalate	23.030	149	732897	49.191	ng	99
87) Indeno(1,2,3-cd)pyrene	29.252	276	942606	46.040	ng	# 93
88) Benzo(b)fluoranthene	24.234	252	924137	56.780	ng	98
89) Benzo(k)fluoranthene	24.305	252	829513	51.130	ng	98
90) Benzo(a)pyrene	25.163	252	797041	57.067	ng	99
91) Dibenzo(a,h)anthracene	29.322	278	761230	45.500	ng	100
92) Benzo(g,h,i)perylene	30.498	276	761599	45.166	ng	98

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

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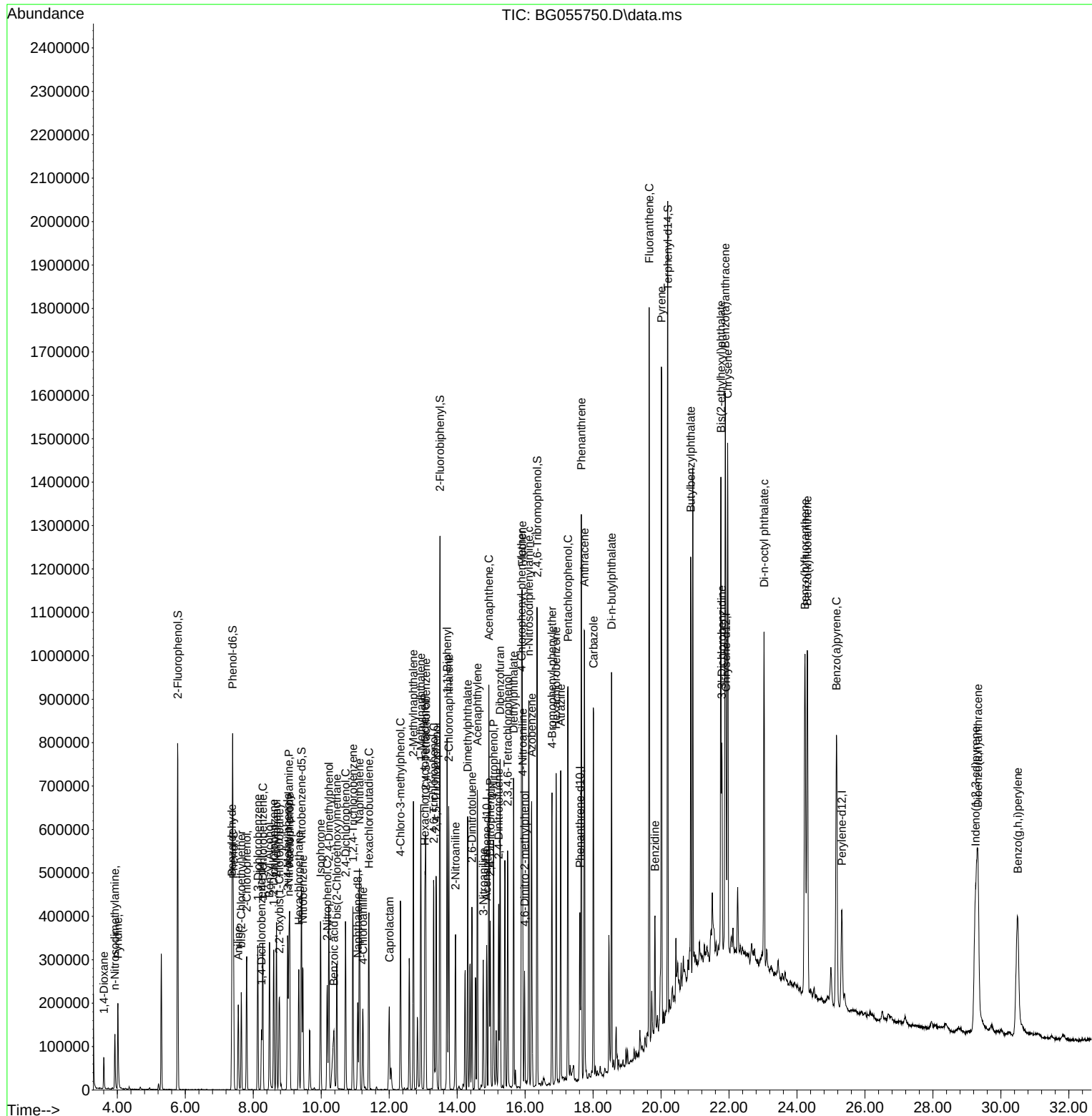
Quant Time: Nov 23 01:41:10 2022

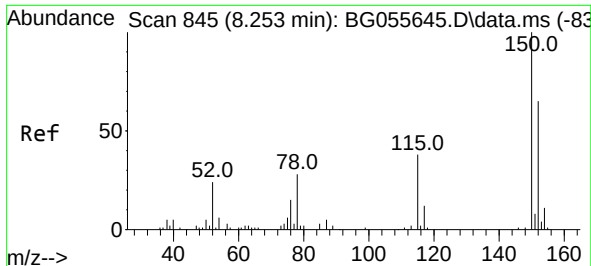
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 23 01:35:20 2022

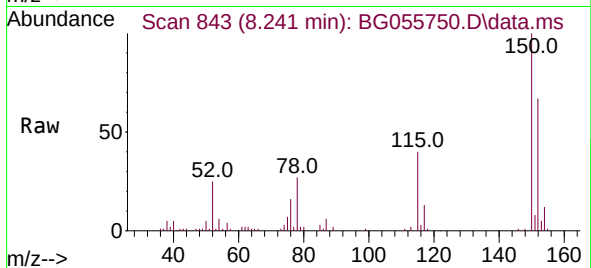
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

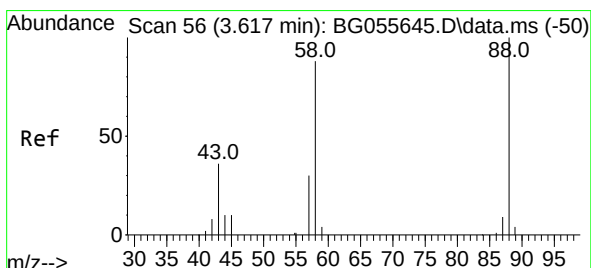
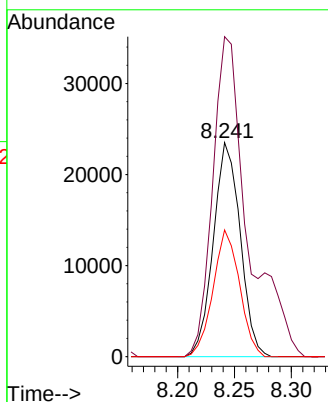
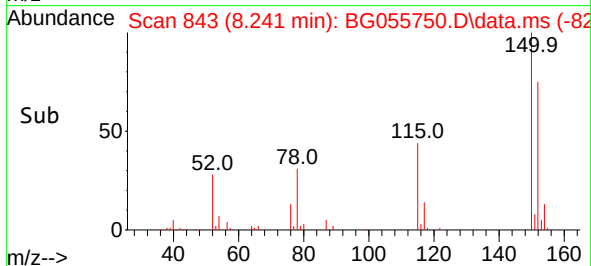
Instrument :
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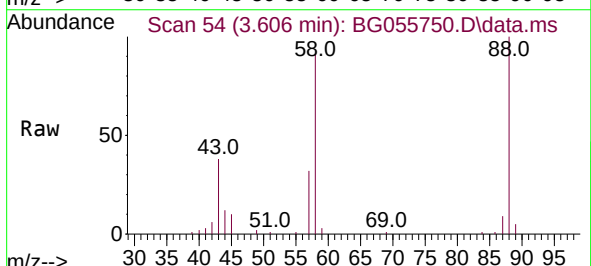
Tgt Ion:152 Resp: 38679
Ion Ratio Lower Upper
152 100
150 149.5 123.0 184.6
115 59.2 47.0 70.4

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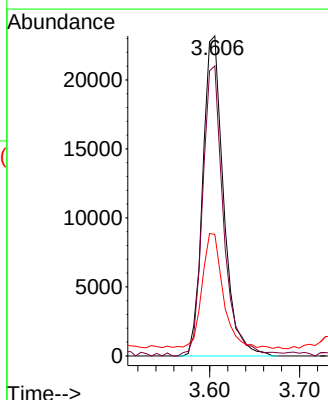
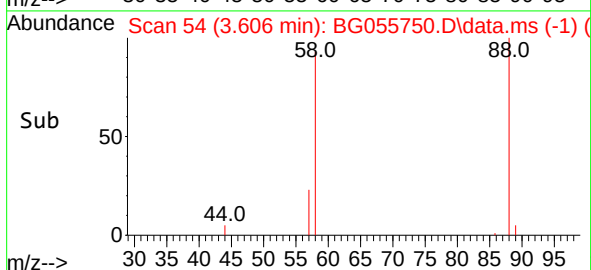
Reviewed By :Christian Giraldo 11/23/2022
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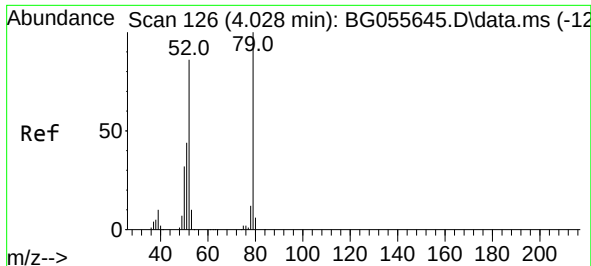


#2
1,4-Dioxane
Concen: 40.857 ng
RT: 3.606 min Scan# 54
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



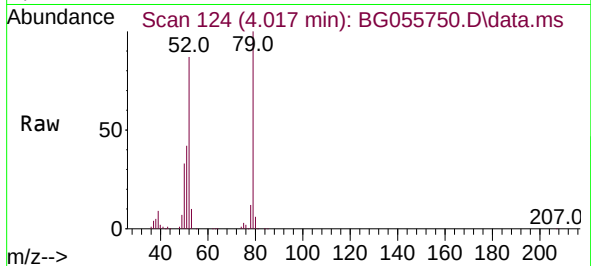
Tgt Ion: 88 Resp: 37363
Ion Ratio Lower Upper
88 100
58 91.0 71.3 106.9
43 37.0 28.6 43.0





#3
Pyridine
Concen: 37.568 ng
RT: 4.017 min Scan# 110
Delta R.T. -0.005 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

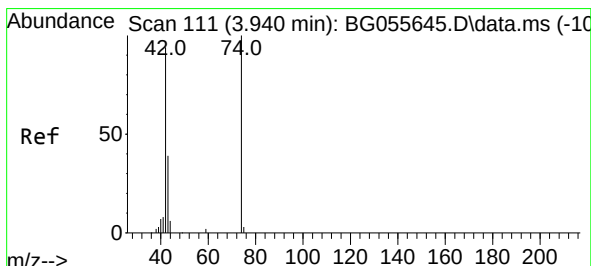
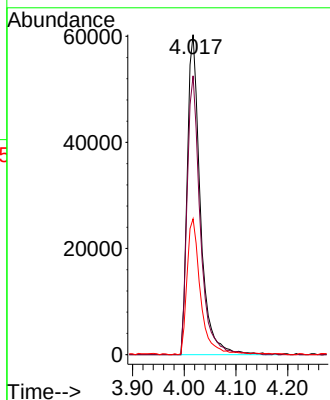
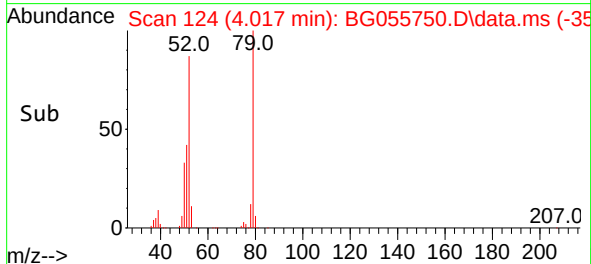
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



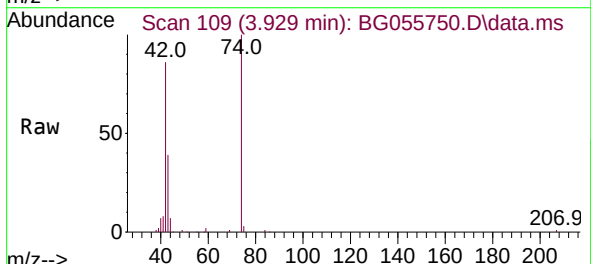
Tgt Ion: 79 Resp: 105396
Ion Ratio Lower Upper
79 100
52 87.1 68.9 103.3
51 42.4 34.8 52.2

Manual Integrations
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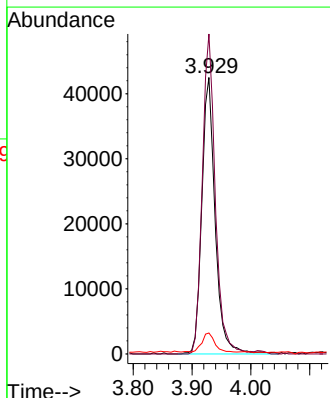
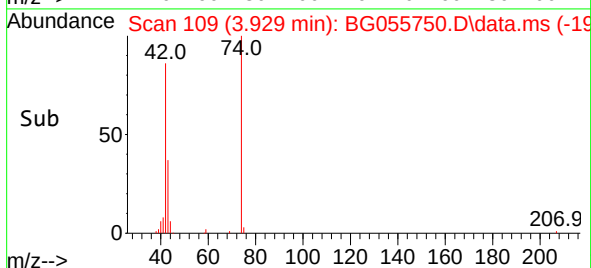
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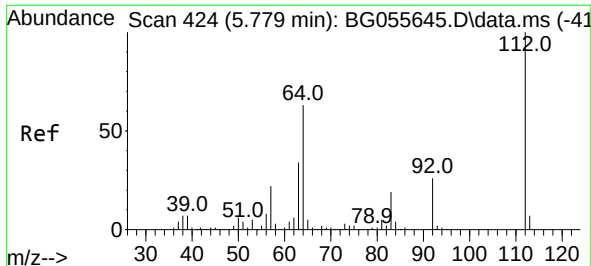


#4
n-Nitrosodimethylamine
Concen: 45.142 ng
RT: 3.929 min Scan# 109
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



Tgt Ion: 42 Resp: 67050
Ion Ratio Lower Upper
42 100
74 115.8 84.7 127.1
44 7.5 5.4 8.0





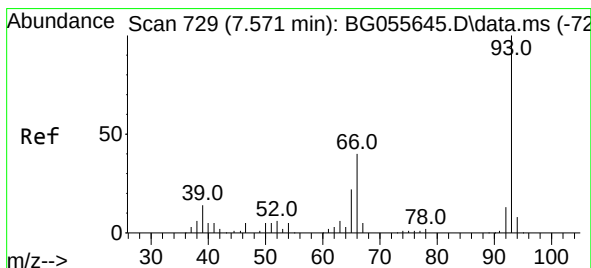
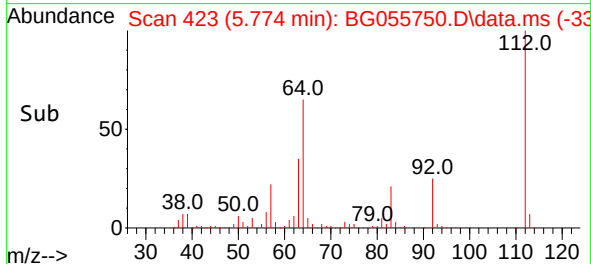
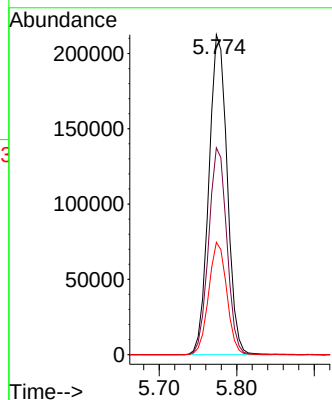
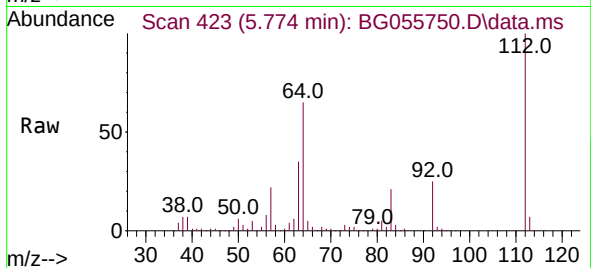
#5
2-Fluorophenol
Concen: 163.181 ng
RT: 5.774 min Scan# 424
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD

Tgt Ion:112 Resp: 349190
Ion Ratio Lower Upper
112 100
64 64.6 50.6 76.0
63 35.1 27.5 41.3

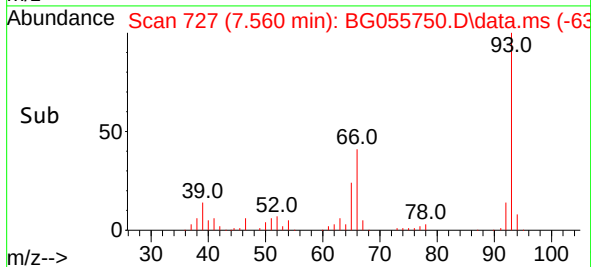
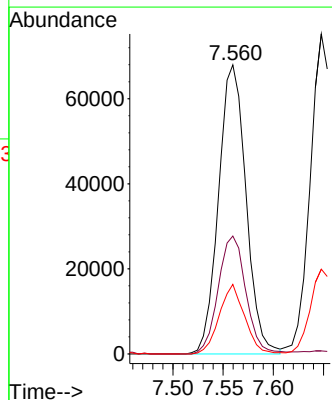
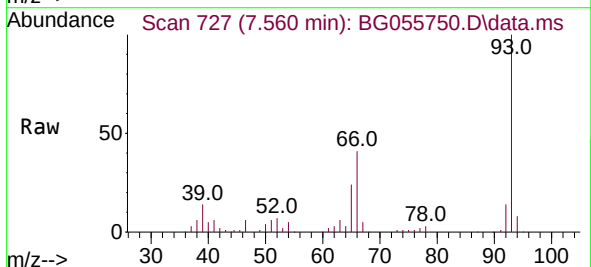
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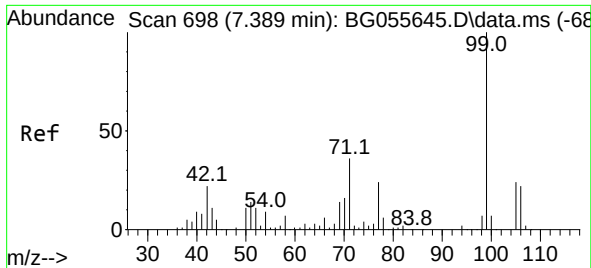
Reviewed By :Christian Giraldo 11/23/2022
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#6
Aniline
Concen: 36.214 ng
RT: 7.560 min Scan# 727
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion: 93 Resp: 129570
Ion Ratio Lower Upper
93 100
66 40.8 31.7 47.5
65 24.0 17.9 26.9





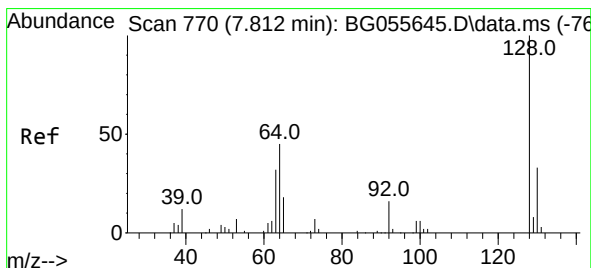
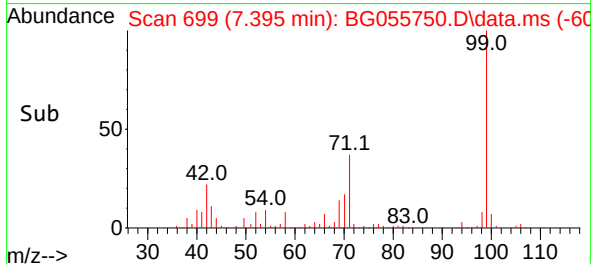
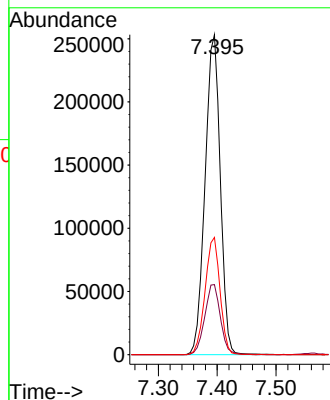
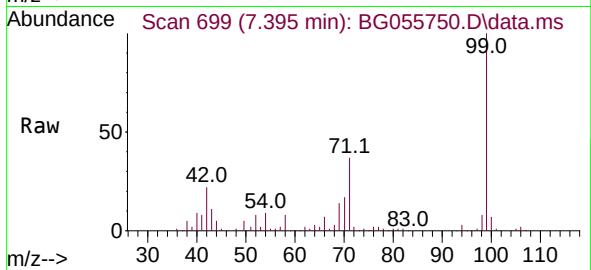
#7
Phenol-d6
Concen: 159.490 ng
RT: 7.395 min Scan# 699
Delta R.T. 0.007 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD

Tgt Ion: 99 Resp: 454313
Ion Ratio Lower Upper
99 100
42 21.9 18.0 27.0
71 36.6 29.0 43.6

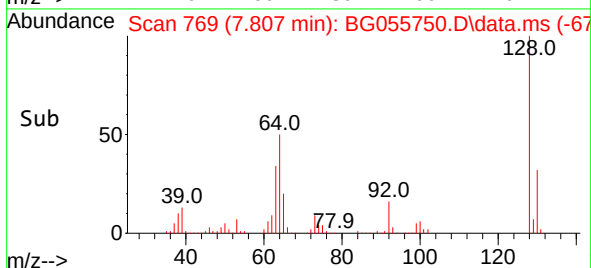
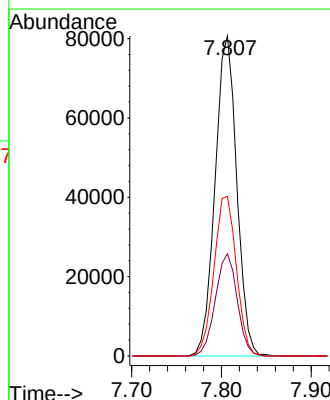
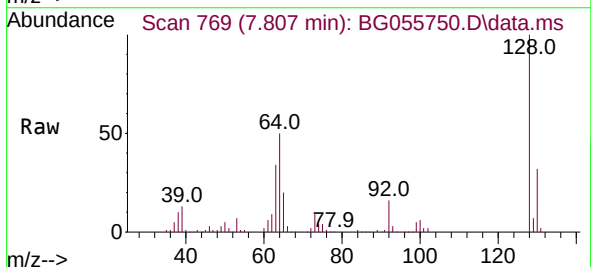
Manual Integrations
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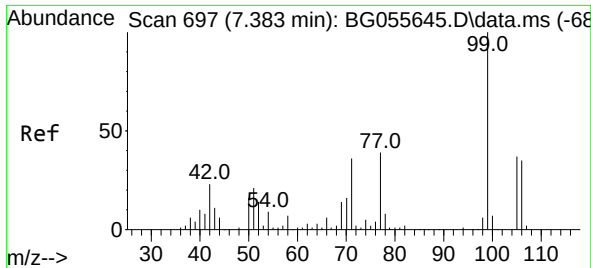
Reviewed By :Christian Giraldo 11/23/2022
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#8
2-Chlorophenol
Concen: 55.255 ng
RT: 7.807 min Scan# 769
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion:128 Resp: 135168
Ion Ratio Lower Upper
128 100
130 31.9 13.1 53.1
64 49.9 30.2 70.2





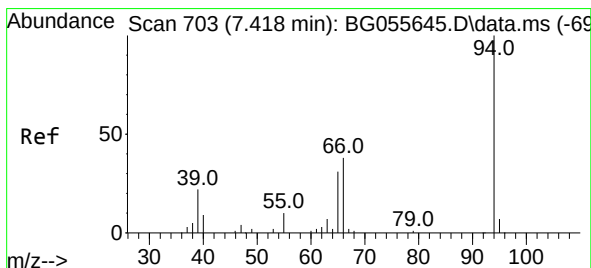
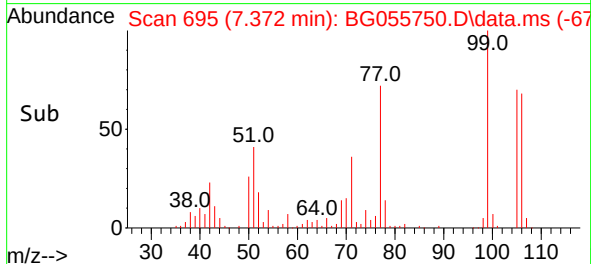
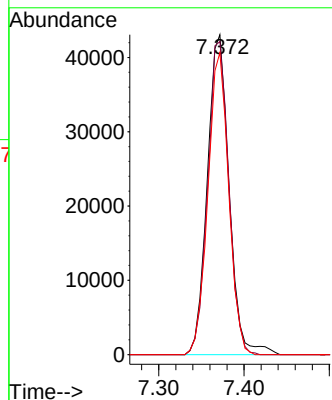
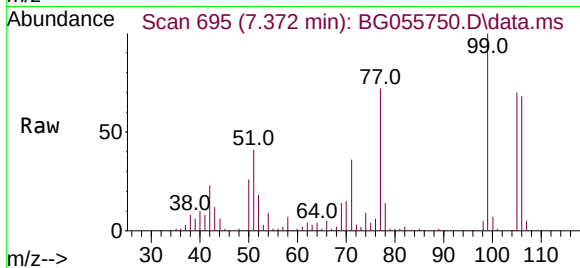
#9
Benzaldehyde
Concen: 39.395 ng
RT: 7.372 min Scan# 697
Delta R.T. 0.001 min
Lab File: BG055750.D
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Tgt Ion: 77 Resp: 7621
Ion Ratio Lower Upper
77 100
105 97.8 76.3 116.3
106 94.4 69.8 109.8

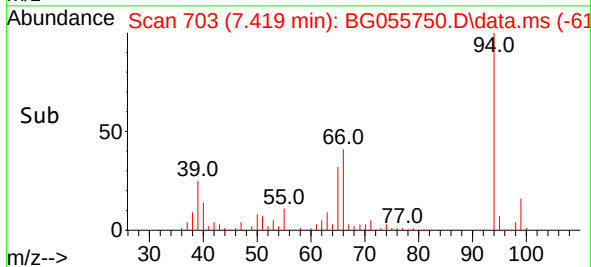
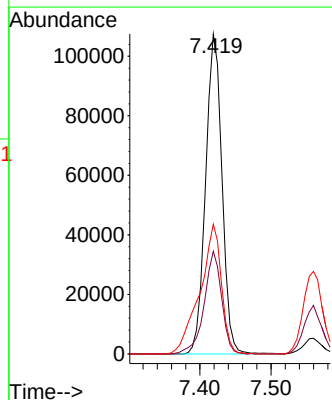
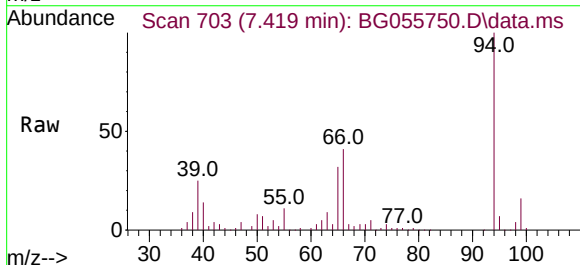
Manual Integrations
APPROVED

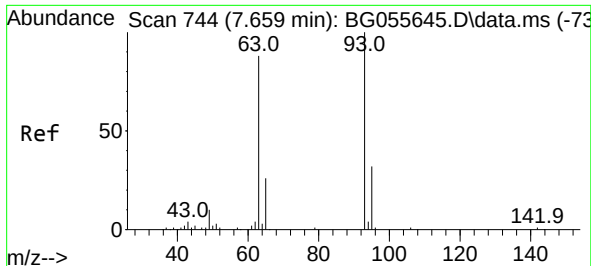
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#10
Phenol
Concen: 53.692 ng
RT: 7.419 min Scan# 703
Delta R.T. 0.007 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion: 94 Resp: 171249
Ion Ratio Lower Upper
94 100
65 32.1 11.8 51.8
66 40.5 20.5 60.5





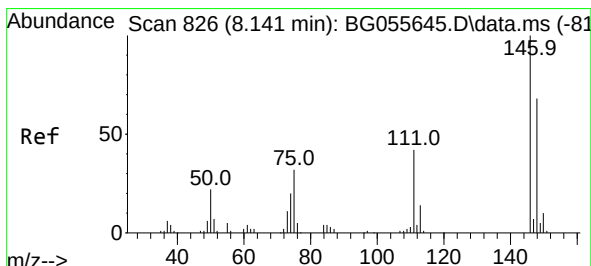
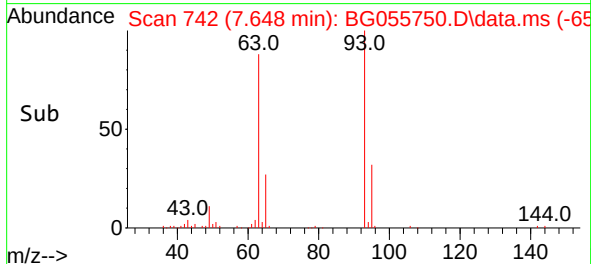
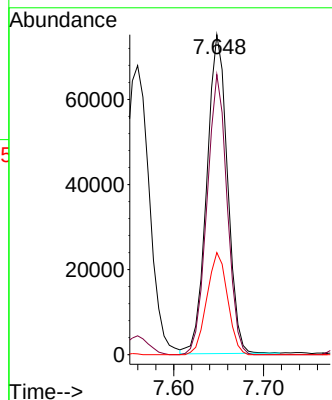
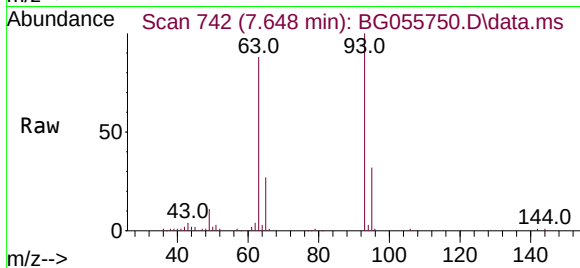
#11
bis(2-Chloroethyl)ether
Concen: 49.326 ng
RT: 7.648 min Scan# 744
Delta R.T. -0.005 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD

Tgt Ion: 93 Resp: 120562
Ion Ratio Lower Upper
93 100
63 87.6 67.6 107.6
95 31.9 11.8 51.8

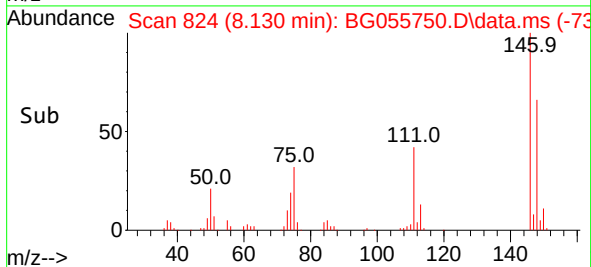
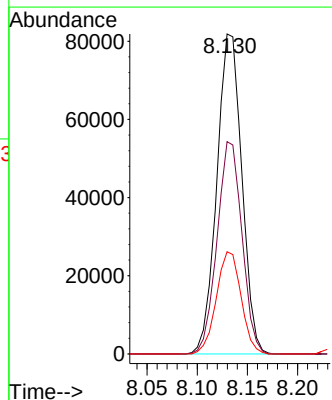
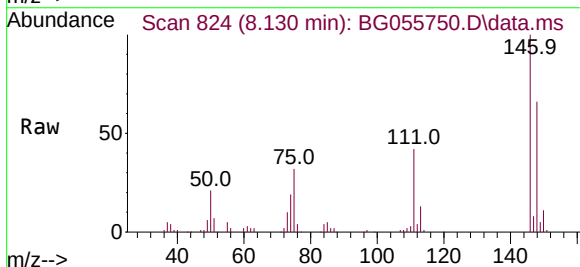
Manual Integrations
APPROVED

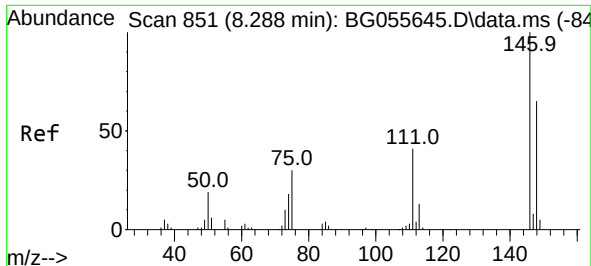
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#12
1,3-Dichlorobenzene
Concen: 49.406 ng
RT: 8.130 min Scan# 824
Delta R.T. -0.005 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

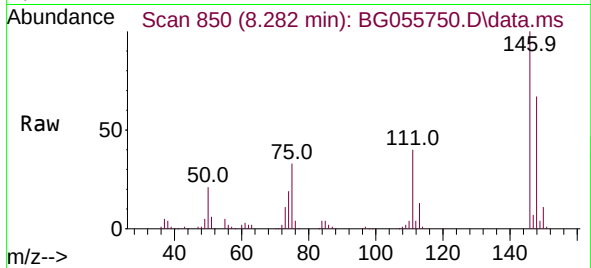
Tgt Ion:146 Resp: 142097
Ion Ratio Lower Upper
146 100
148 66.3 54.6 81.8
75 31.9 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 49.643 ng
RT: 8.282 min Scan# 851
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

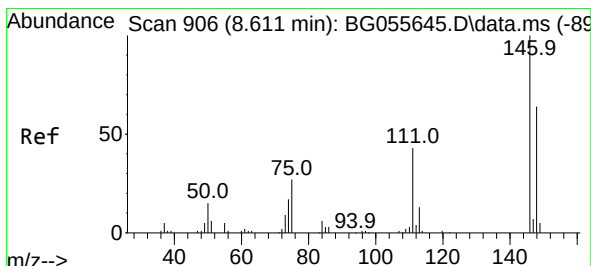
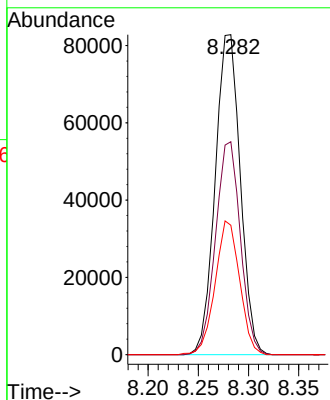
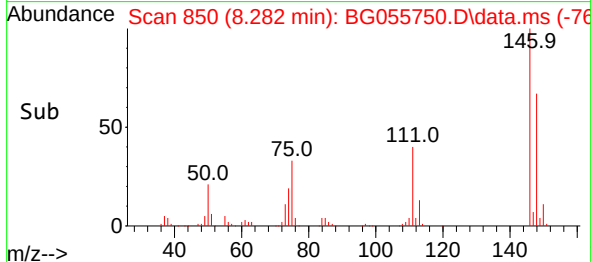
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



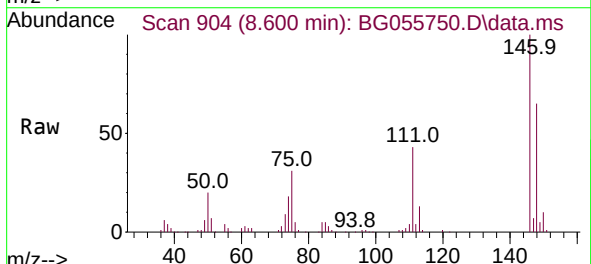
Tgt Ion:146 Resp: 144279
Ion Ratio Lower Upper
146 100
148 66.5 52.1 78.1
111 40.4 33.0 49.4

Manual Integrations
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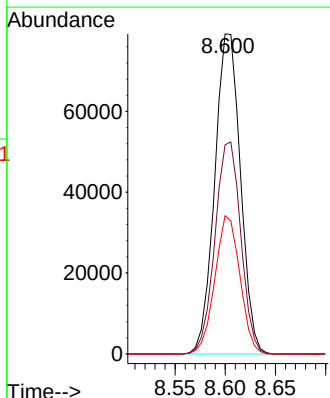
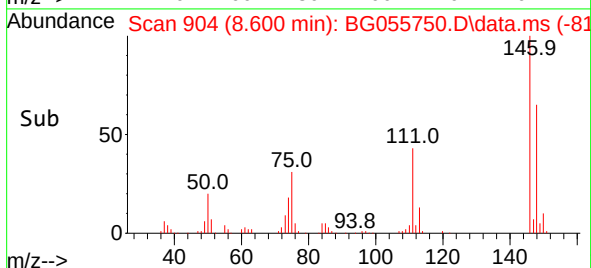
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

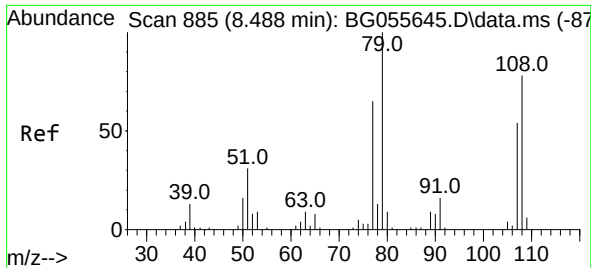


#14
1,2-Dichlorobenzene
Concen: 50.823 ng
RT: 8.600 min Scan# 904
Delta R.T. -0.005 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



Tgt Ion:146 Resp: 141545
Ion Ratio Lower Upper
146 100
148 65.3 50.9 76.3
111 43.2 34.5 51.7





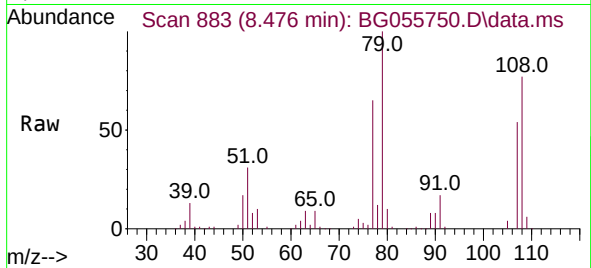
#15
Benzyl Alcohol
Concen: 52.628 ng m
RT: 8.476 min Scan# 885
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

VNJ-228MSD

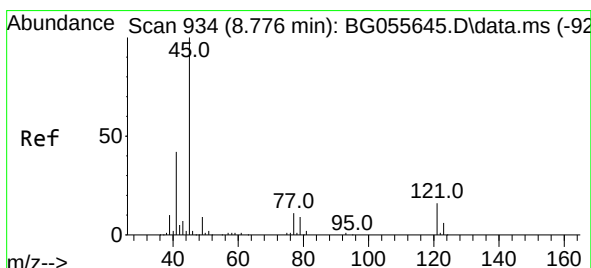
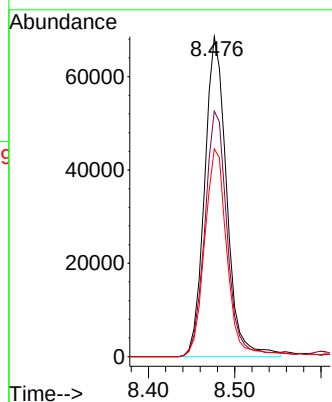
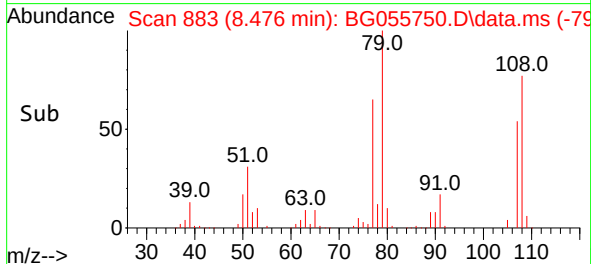


Tgt Ion: 79 Resp: 121836
Ion Ratio Lower Upper
79 100
108 76.7 62.6 93.8
77 64.9 52.4 78.6

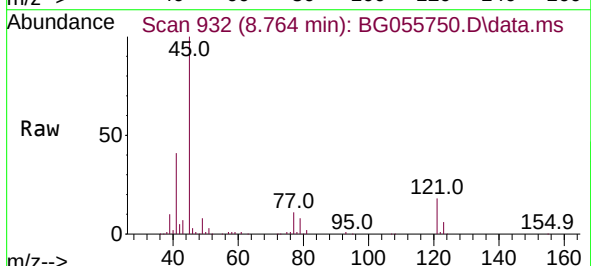
Manual Integrations

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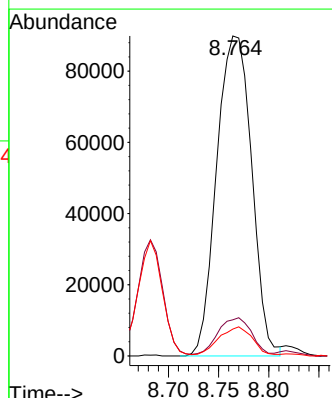
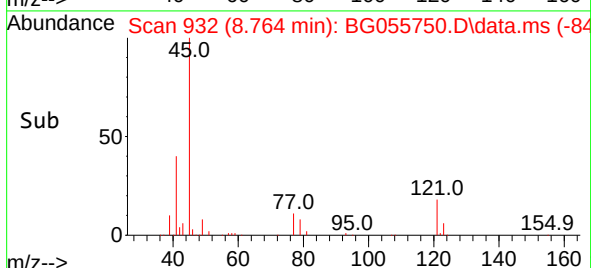
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

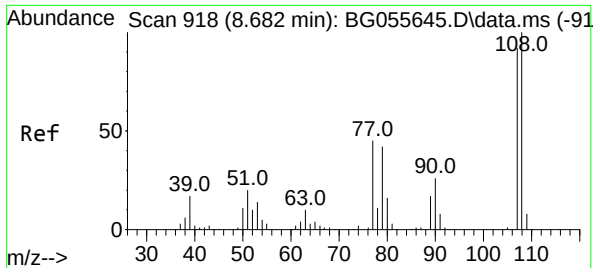


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.213 ng
RT: 8.764 min Scan# 932
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



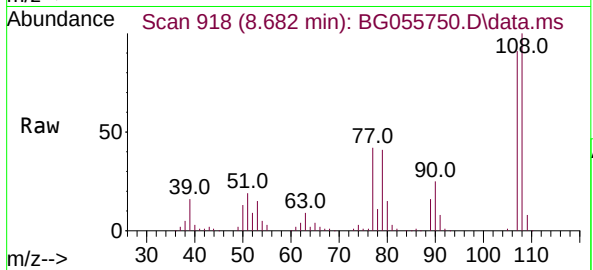
Tgt Ion: 45 Resp: 217761
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.7
79 8.4 0.0 29.5





#17
2-Methylphenol
Concen: 53.720 ng
RT: 8.682 min Scan# 918
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD

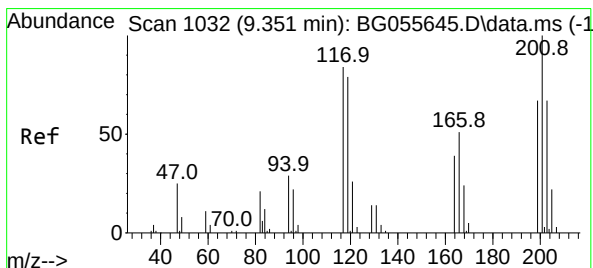
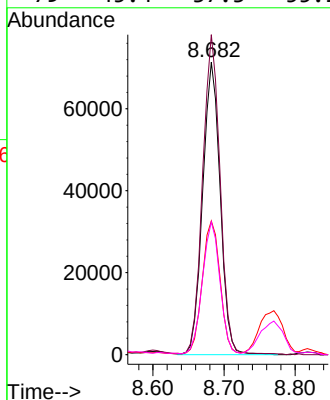
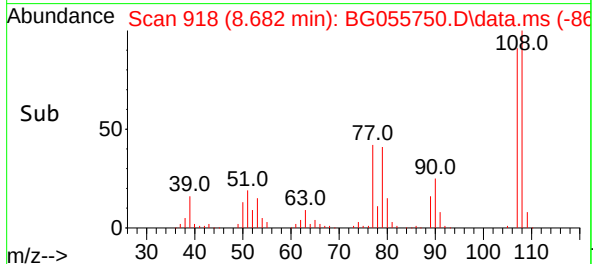


Tgt Ion:107 Resp: 121645

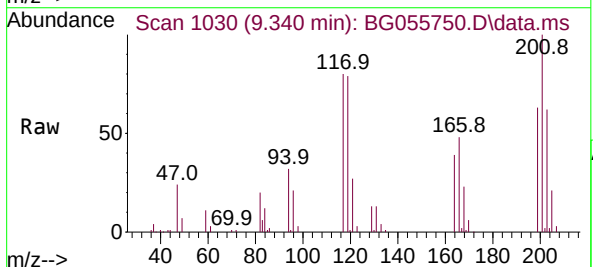
Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.3	130.9
77	45.7	39.4	59.0
79	45.4	37.3	55.9

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Supervised By :Jagrut Upadhyay 11/23/2022

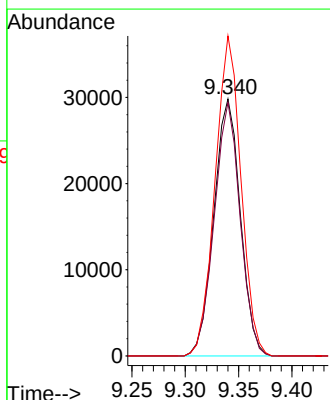
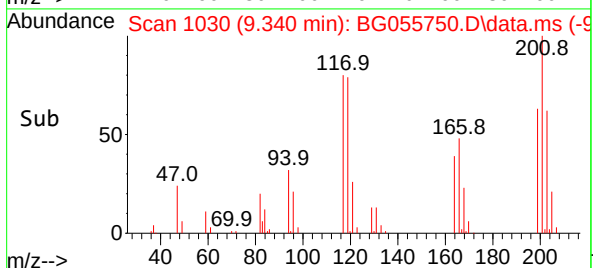


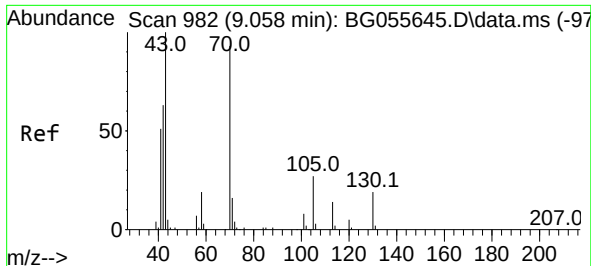
#18
Hexachloroethane
Concen: 51.693 ng
RT: 9.340 min Scan# 1030
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



Tgt Ion:117 Resp: 51709

Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.0	114.0
201	124.6	98.6	148.0





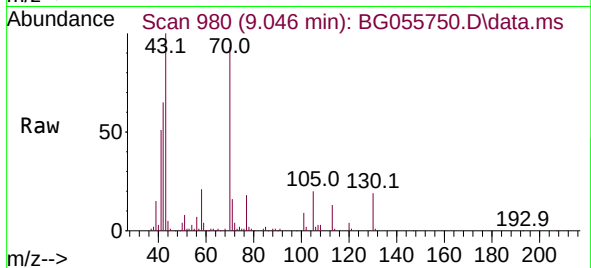
#19
n-Nitroso-di-n-propylamine
Concen: 46.705 ng
RT: 9.046 min Scan# 981
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

VNJ-228MSD

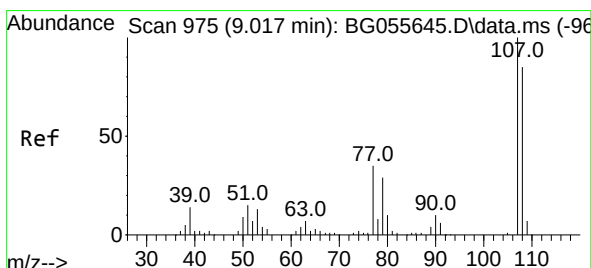
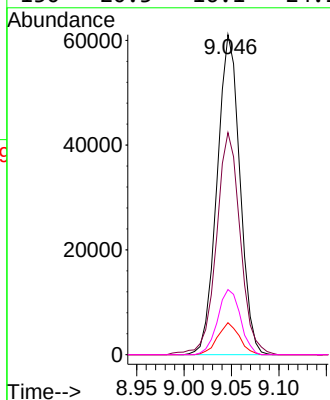
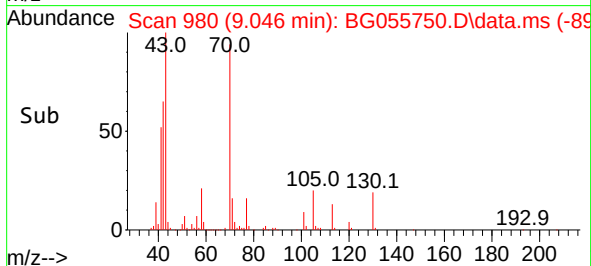


Tgt Ion: 70 Resp: 102221
Ion Ratio Lower Upper
70 100
42 69.4 55.2 82.8
101 10.0 7.1 10.7
130 20.3 16.1 24.1

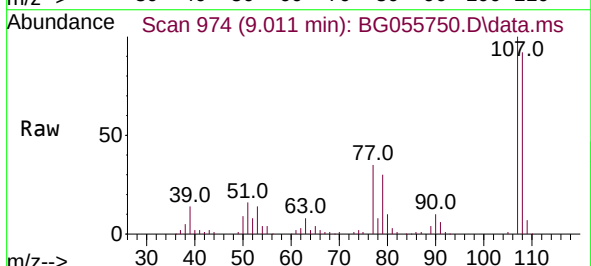
Manual Integrations

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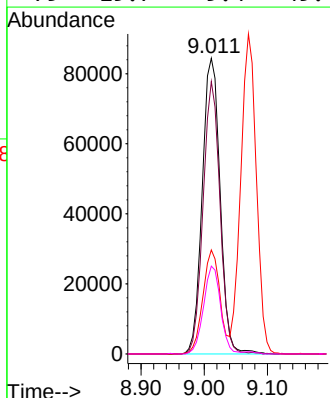
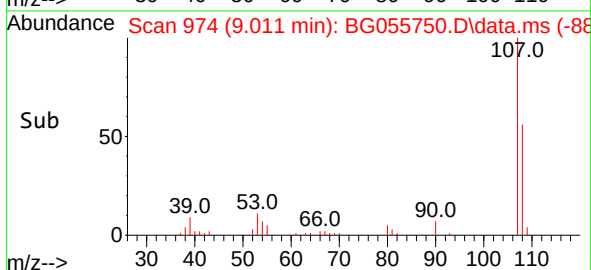
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

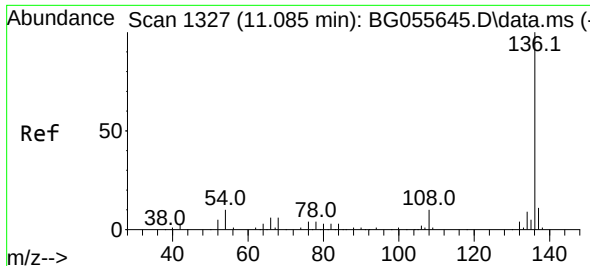


#20
3+4-Methylphenols
Concen: 52.330 ng
RT: 9.011 min Scan# 974
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



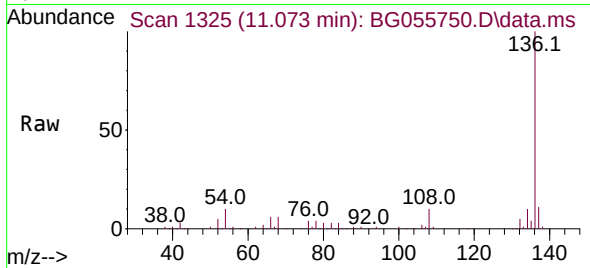
Tgt Ion:107 Resp: 165532
Ion Ratio Lower Upper
107 100
108 92.1 65.5 105.5
77 35.2 14.6 54.6
79 29.7 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1327
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

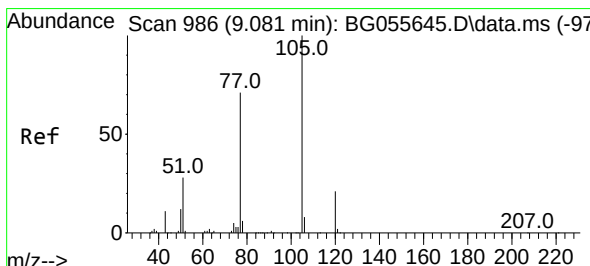
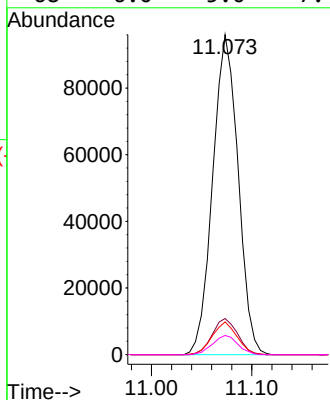
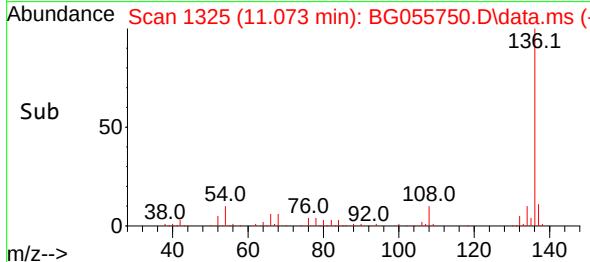
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



Tgt Ion:136 Resp: 168999
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.2 7.8 11.6
68 6.0 5.0 7.4

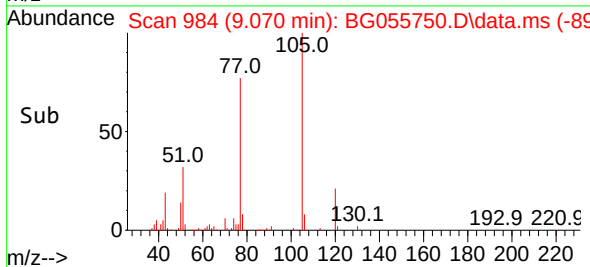
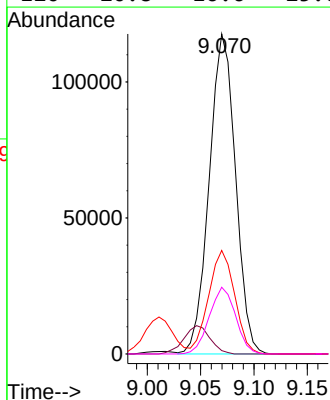
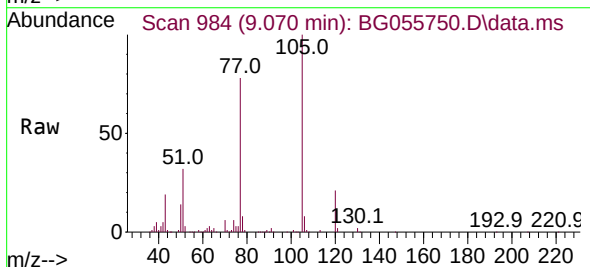
Manual Integrations
APPROVED

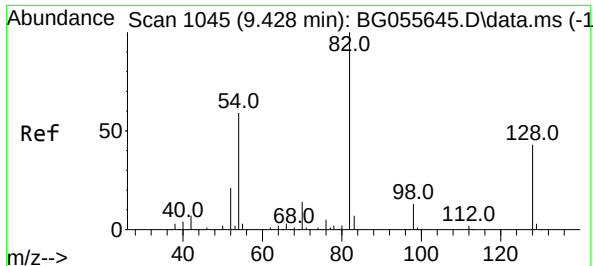
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#22
Acetophenone
Concen: 45.968 ng
RT: 9.070 min Scan# 984
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion:105 Resp: 201867
Ion Ratio Lower Upper
105 100
71 1.0 0.6 1.0#
51 32.3 24.5 36.7
120 20.8 16.6 25.0





#23

Nitrobenzene-d5

Concen: 88.010 ng

RT: 9.416 min Scan# 1043

Delta R.T. 0.001 min

Lab File: BG055750.D

Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

VNJ-228MSD

Tgt Ion: 82 Resp: 281406

Ion Ratio Lower Upper

82 100

128 42.8 34.1 51.1

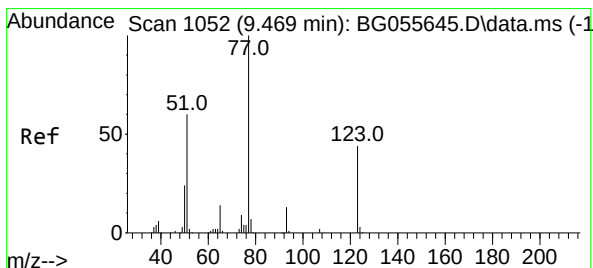
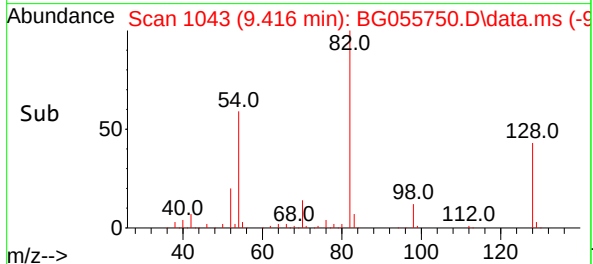
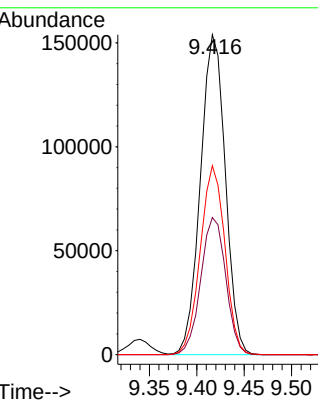
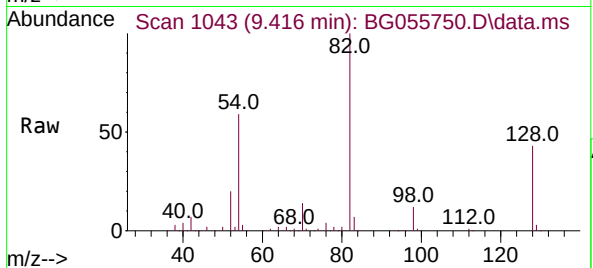
54 59.0 47.3 70.9

Manual Integrations

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#24

Nitrobenzene

Concen: 46.858 ng

RT: 9.458 min Scan# 1050

Delta R.T. -0.005 min

Lab File: BG055750.D

Acq: 22 Nov 2022 22:03

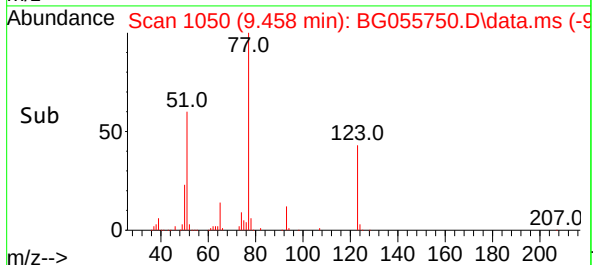
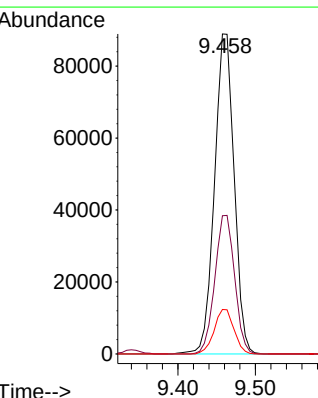
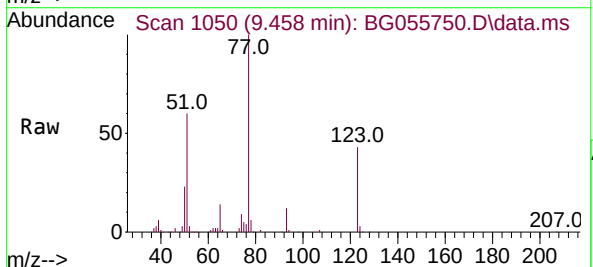
Tgt Ion: 77 Resp: 156496

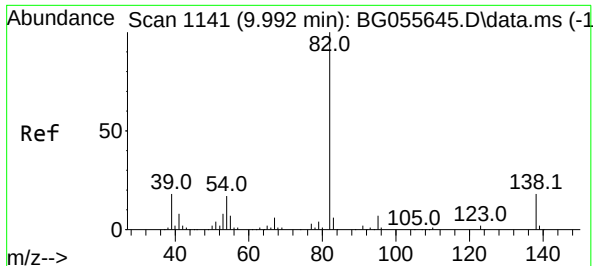
Ion Ratio Lower Upper

77 100

123 43.2 35.5 53.3

65 13.9 11.5 17.3





#25
Isophorone
Concen: 47.764 ng
RT: 9.980 min Scan# 1141
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

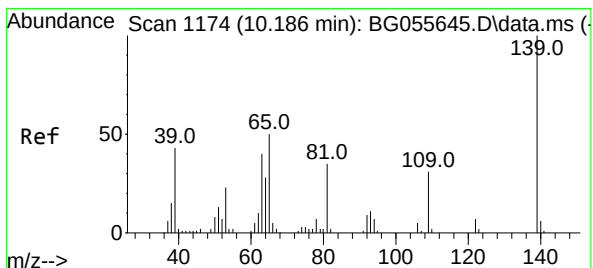
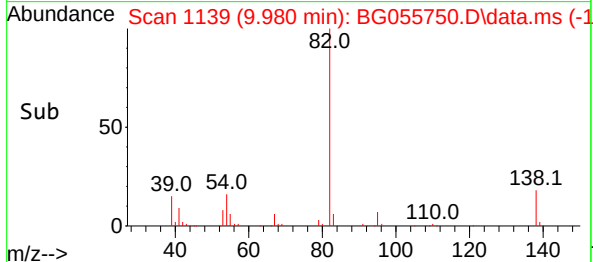
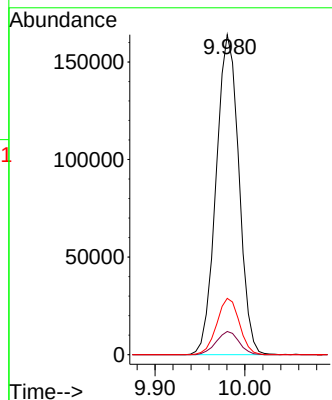
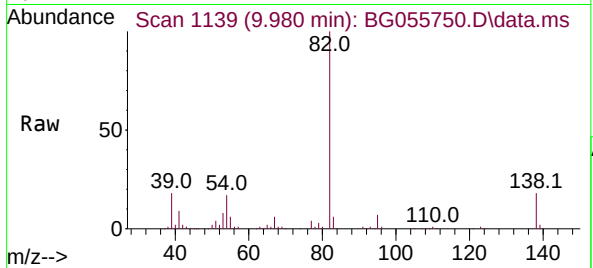
VNJ-228MSD

Tgt Ion: 82 Resp: 289364
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.6 14.2 21.4

Manual Integrations

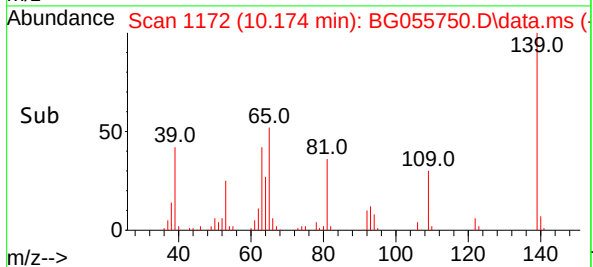
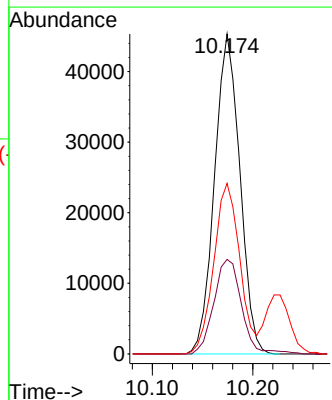
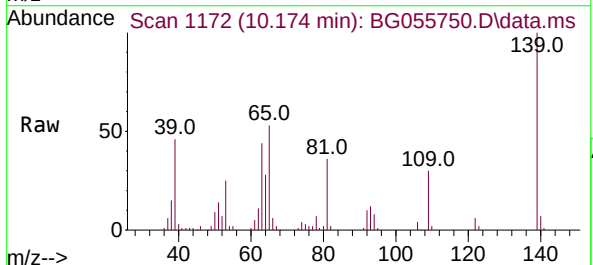
APPROVED

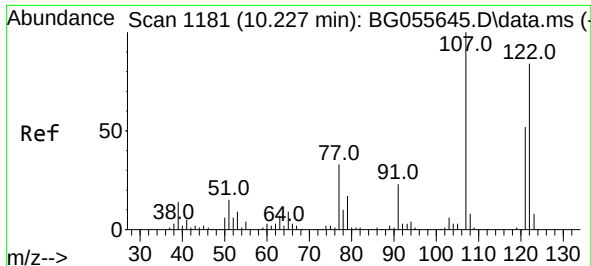
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#26
2-Nitrophenol
Concen: 51.616 ng
RT: 10.174 min Scan# 1172
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion:139 Resp: 79579
Ion Ratio Lower Upper
139 100
109 29.5 24.4 36.6
65 53.3 40.2 60.2





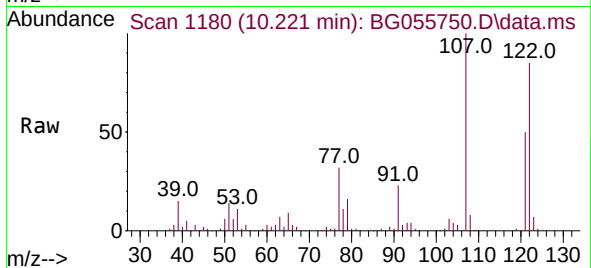
#27
2,4-Dimethylphenol
Concen: 58.022 ng m
RT: 10.221 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

VNJ-228MSD

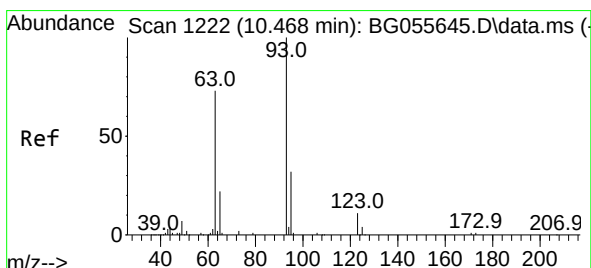
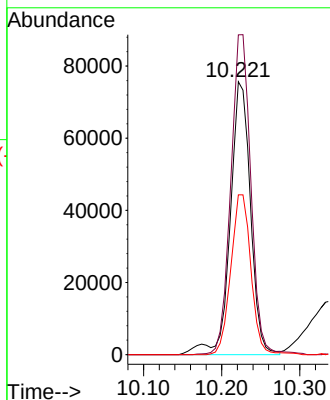
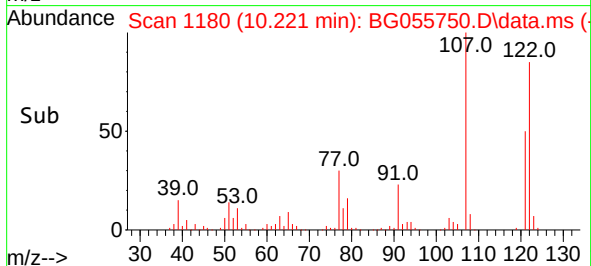


Tgt Ion:122 Resp: 136147
Ion Ratio Lower Upper
122 100
107 117.2 95.8 143.6
121 58.6 49.6 74.4

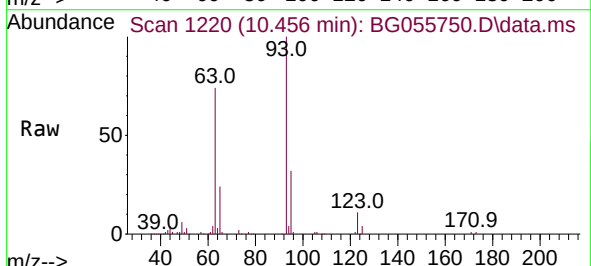
Manual Integrations

APPROVED

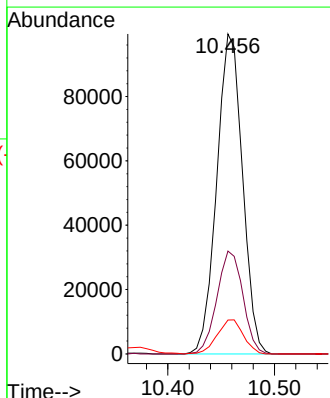
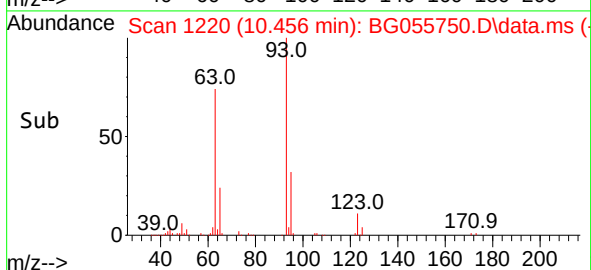
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

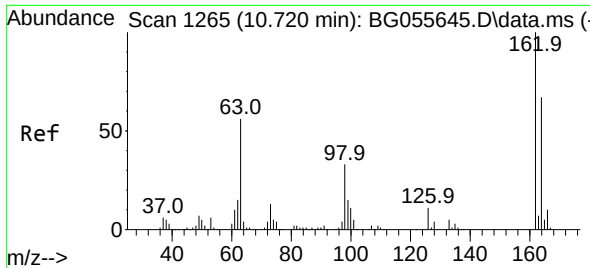


#28
bis(2-Chloroethoxy)methane
Concen: 51.220 ng
RT: 10.456 min Scan# 1220
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



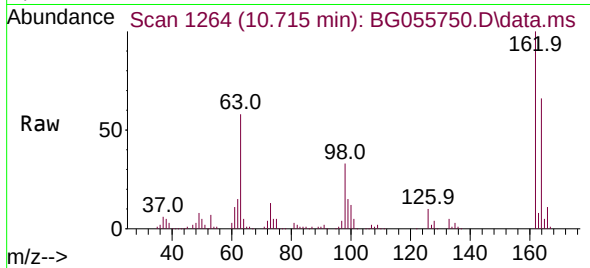
Tgt Ion: 93 Resp: 166587
Ion Ratio Lower Upper
93 100
95 32.1 25.7 38.5
123 10.6 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 51.010 ng
RT: 10.715 min Scan# 1264
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

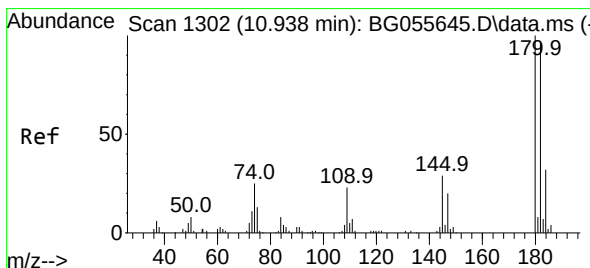
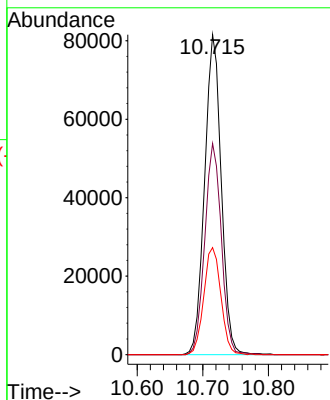
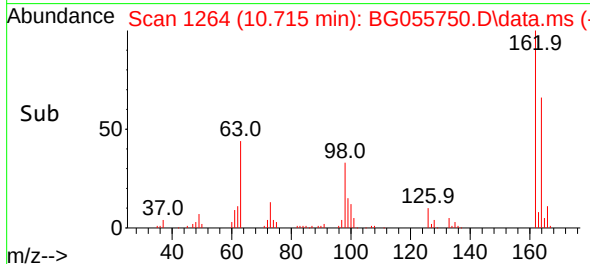
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



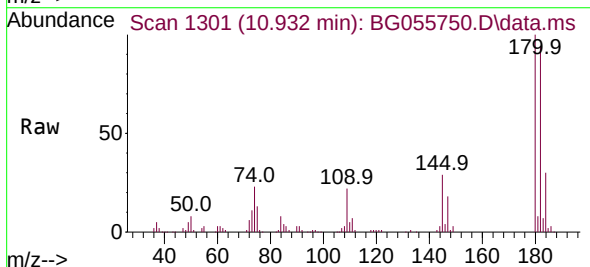
Tgt Ion:162 Resp: 143265
Ion Ratio Lower Upper
162 100
164 66.0 46.7 86.7
98 33.4 12.8 52.8

Manual Integrations
APPROVED

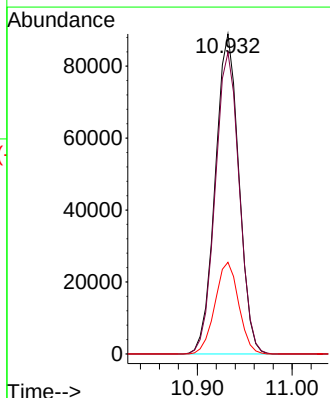
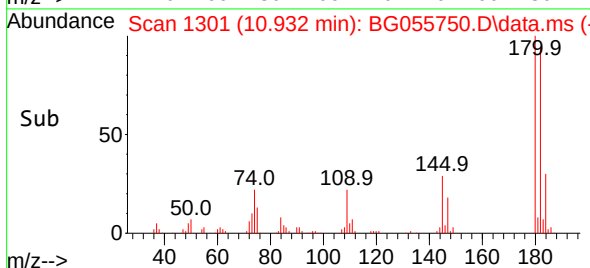
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

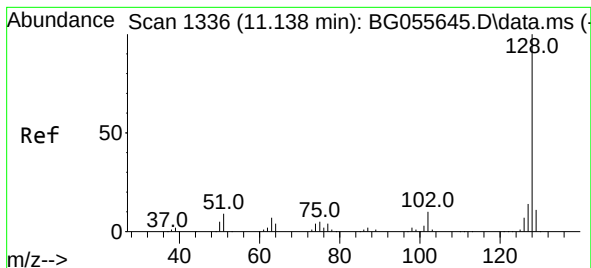


#30
1,2,4-Trichlorobenzene
Concen: 47.183 ng
RT: 10.932 min Scan# 1301
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



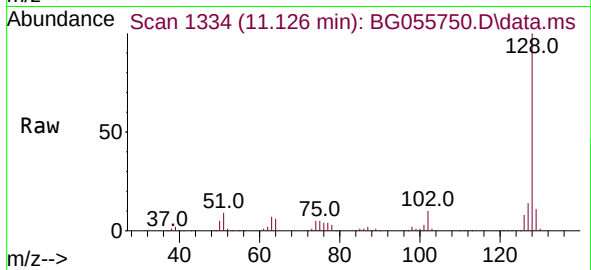
Tgt Ion:180 Resp: 153955
Ion Ratio Lower Upper
180 100
182 94.2 77.1 115.7
145 28.6 22.9 34.3





#31
Naphthalene
Concen: 46.752 ng
RT: 11.126 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

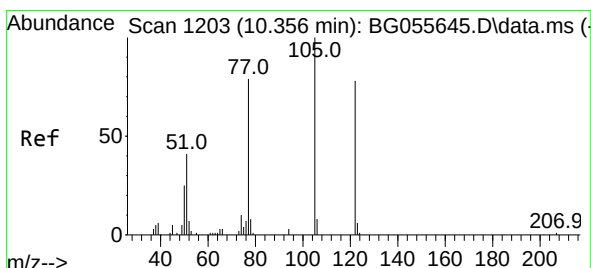
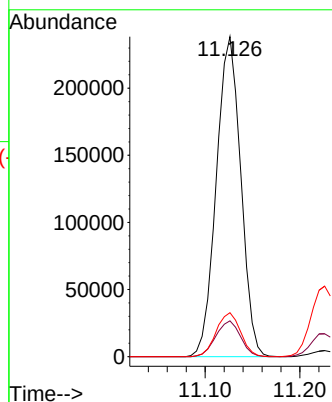
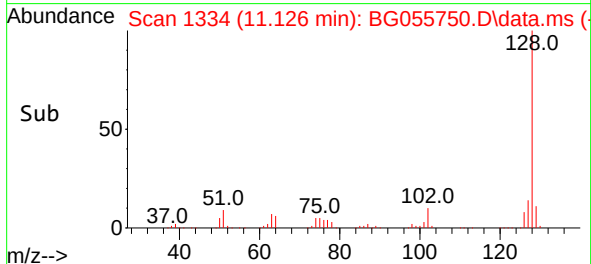
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



Tgt Ion:128 Resp: 42712
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.7 10.9 16.3

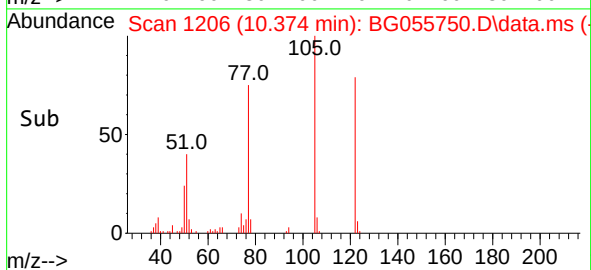
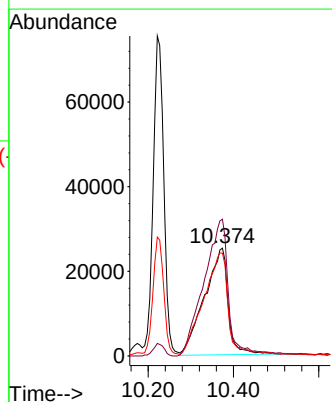
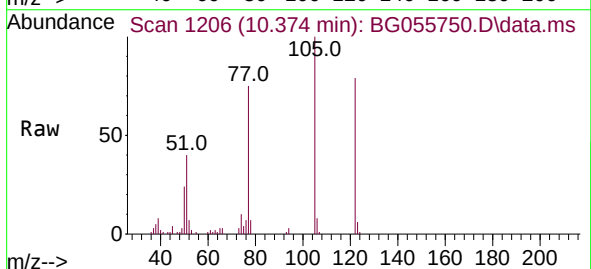
Manual Integrations
APPROVED

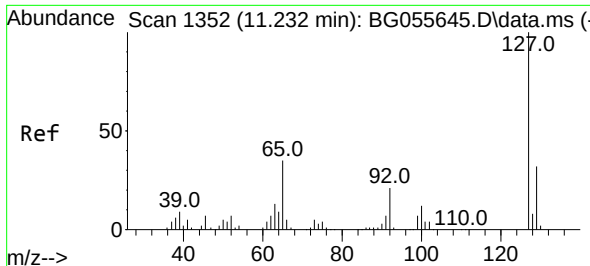
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#32
Benzoic acid
Concen: 50.343 ng
RT: 10.374 min Scan# 1206
Delta R.T. 0.013 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion:122 Resp: 97190
Ion Ratio Lower Upper
122 100
105 126.9 104.3 144.3
77 95.3 79.9 119.9





#33
4-Chloroaniline
Concen: 27.057 ng
RT: 11.226 min Scan# 1351
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

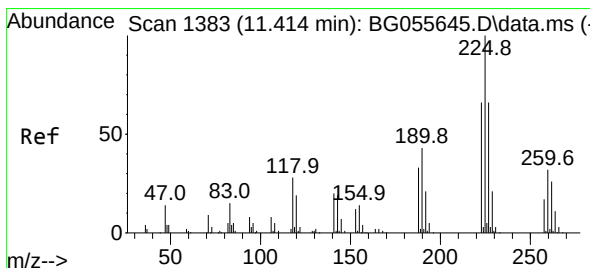
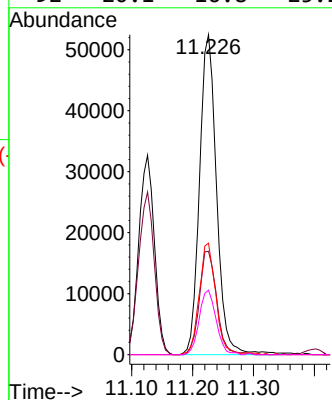
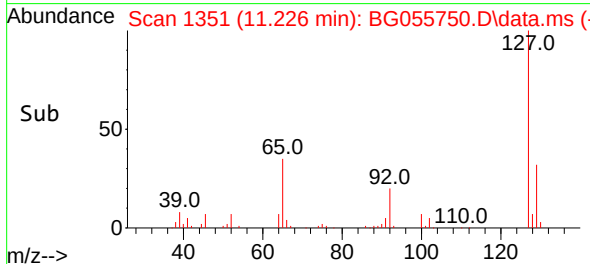
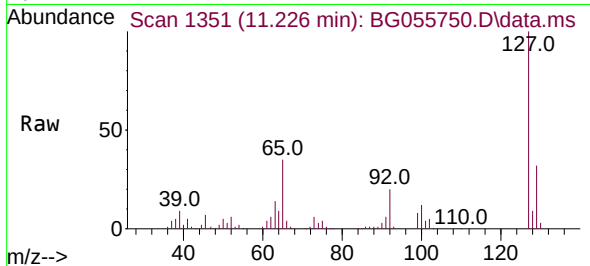
VNJ-228MSD

Tgt Ion:127 Resp: 101962
Ion Ratio Lower Upper
127 100
129 32.3 25.9 38.9
65 34.8 27.9 41.9
92 20.1 16.8 25.2

Manual Integrations

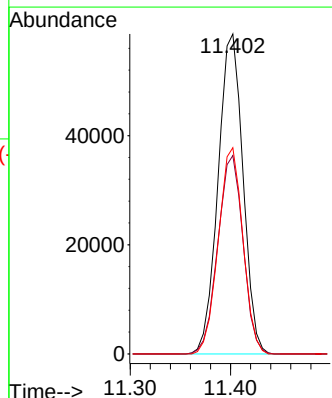
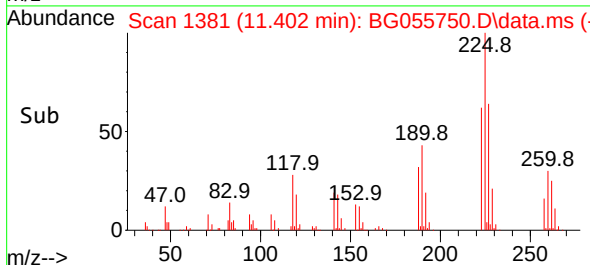
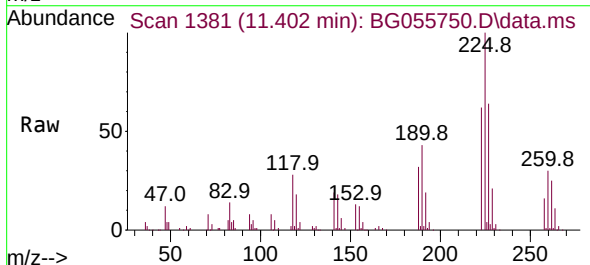
APPROVED

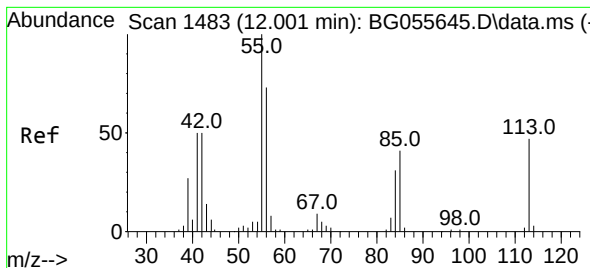
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#34
Hexachlorobutadiene
Concen: 45.446 ng
RT: 11.402 min Scan# 1381
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion:225 Resp: 101256
Ion Ratio Lower Upper
225 100
223 62.0 52.9 79.3
227 67.4 52.6 79.0





#35

Caprolactam

Concen: 46.669 ng m

RT: 12.002 min Scan# 1483

Delta R.T. 0.007 min

Lab File: BG055750.D

Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

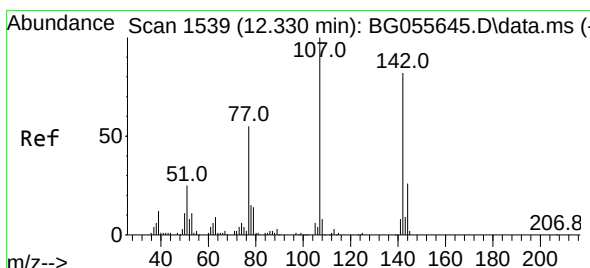
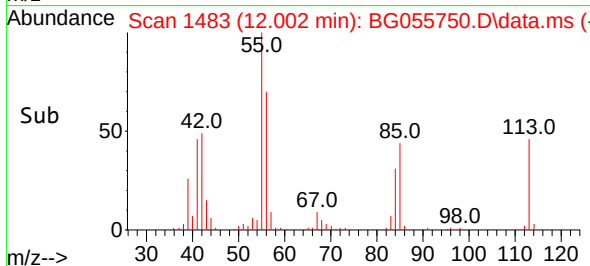
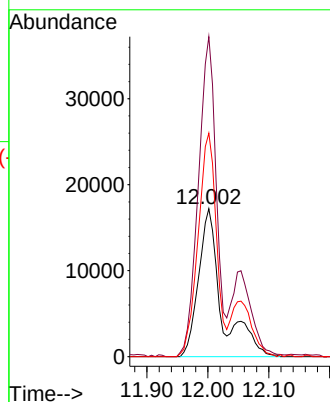
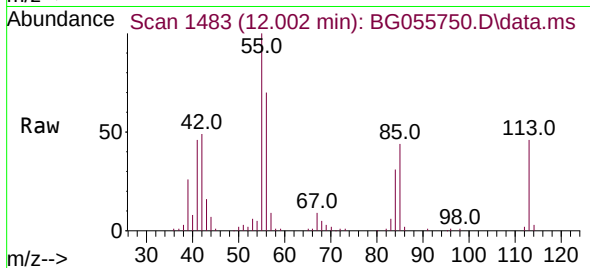
VNJ-228MSD

Tgt Ion:	113	Resp:	45358
Ion Ratio	Lower	Upper	
113	100		
55	216.4	193.5	233.5
56	151.1	135.2	175.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#36

4-Chloro-3-methylphenol

Concen: 50.079 ng

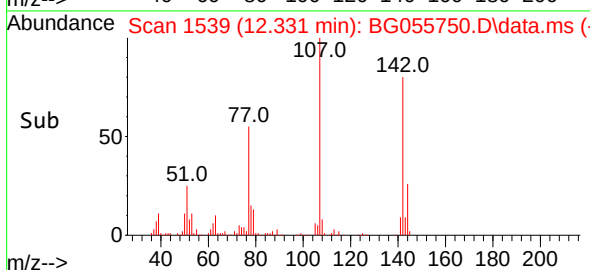
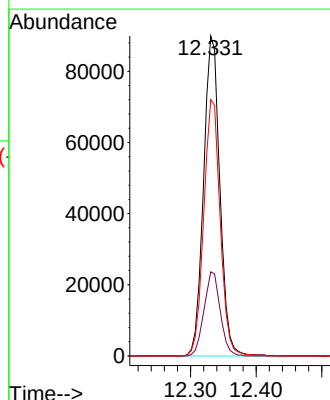
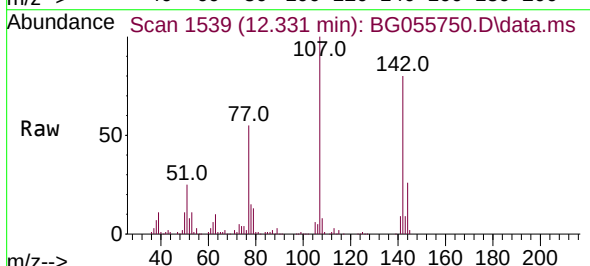
RT: 12.331 min Scan# 1539

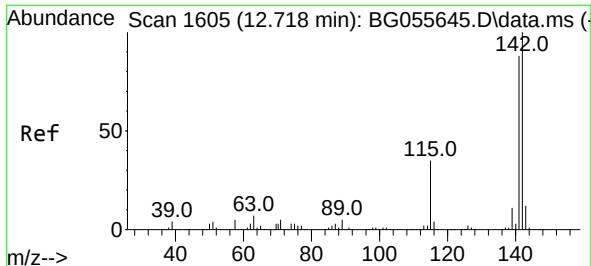
Delta R.T. 0.001 min

Lab File: BG055750.D

Acq: 22 Nov 2022 22:03

Tgt Ion:	107	Resp:	154589
Ion Ratio	Lower	Upper	
107	100		
144	26.3	21.0	31.4
142	80.1	65.9	98.9





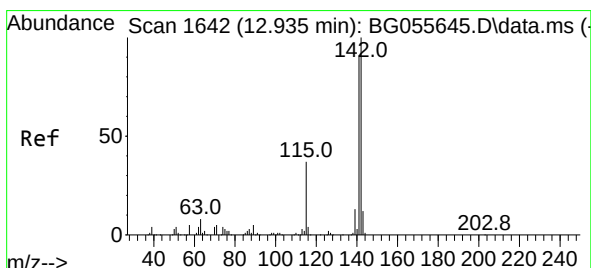
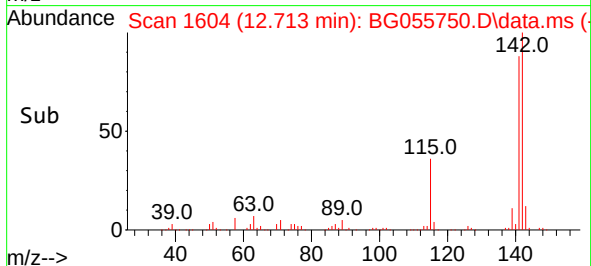
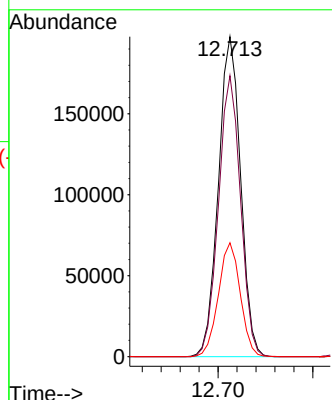
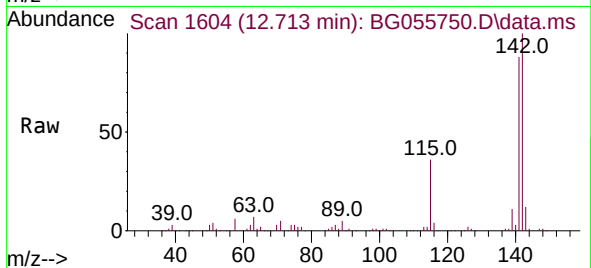
#37
2-Methylnaphthalene
Concen: 46.940 ng
RT: 12.713 min Scan# 1604
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD

Tgt Ion:142 Resp: 32108
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5
115 35.6 27.9 41.9

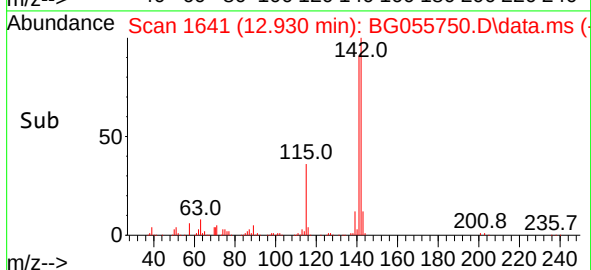
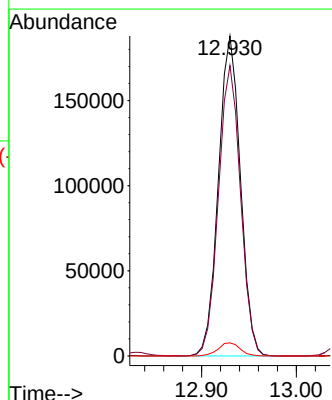
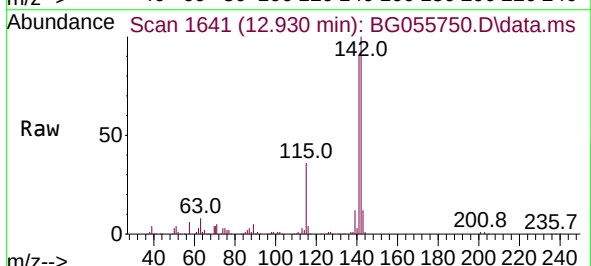
Manual Integrations
APPROVED

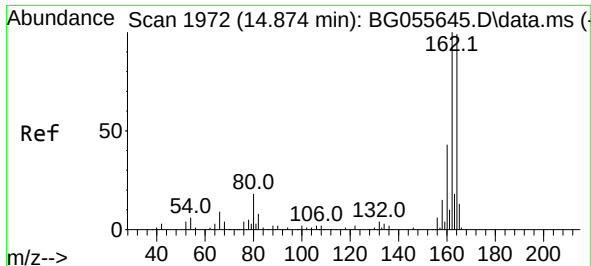
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#38
1-Methylnaphthalene
Concen: 45.528 ng
RT: 12.930 min Scan# 1641
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion:142 Resp: 302333
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.4
116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.869 min Scan# 1972

Delta R.T. 0.001 min

Lab File: BG055750.D

Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

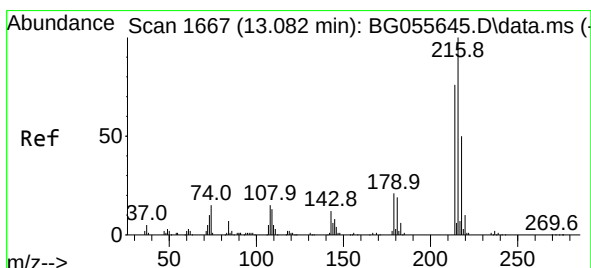
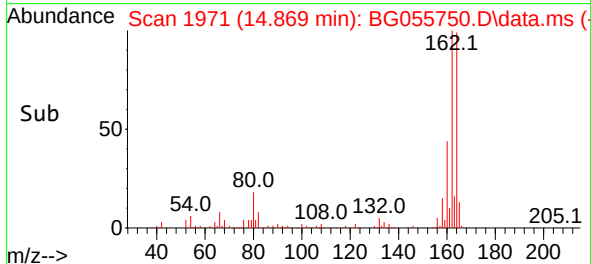
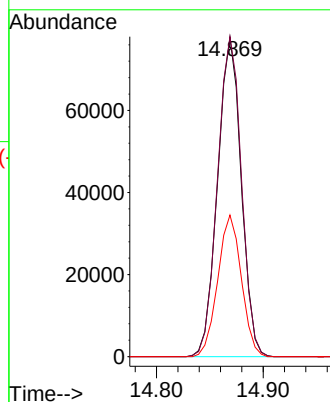
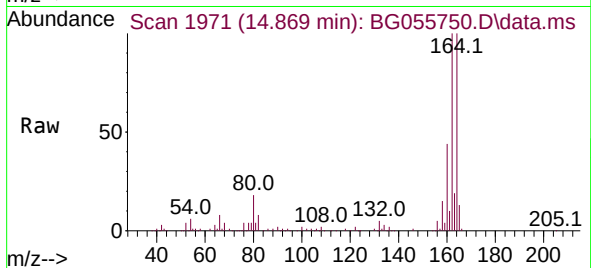
VNJ-228MSD

Tgt Ion:164	Resp: 11977
Ion Ratio	Lower Upper
164	100
162	100.3 81.1 121.7
160	44.3 34.8 52.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.322 ng

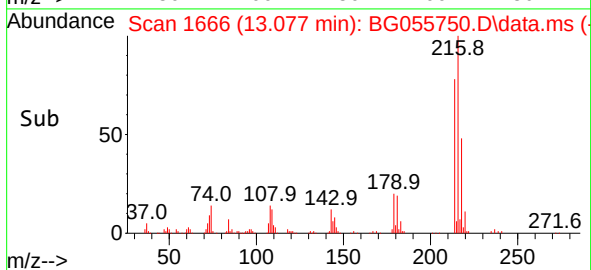
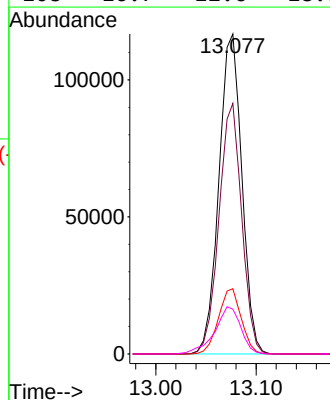
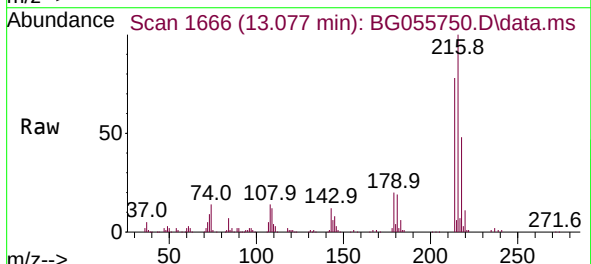
RT: 13.077 min Scan# 1666

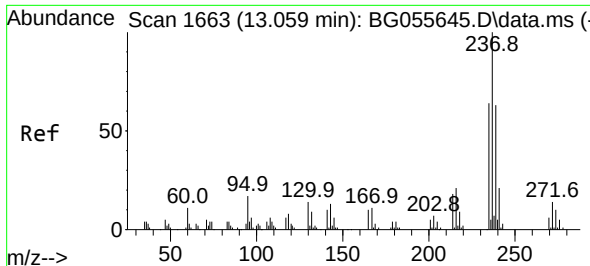
Delta R.T. 0.001 min

Lab File: BG055750.D

Acq: 22 Nov 2022 22:03

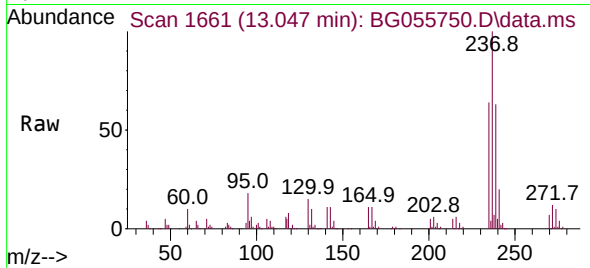
Tgt Ion:216	Resp: 185642
Ion Ratio	Lower Upper
216	100
214	77.5 62.1 93.1
179	20.2 16.5 24.7
108	16.7 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 71.852 ng
RT: 13.047 min Scan# 1661
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

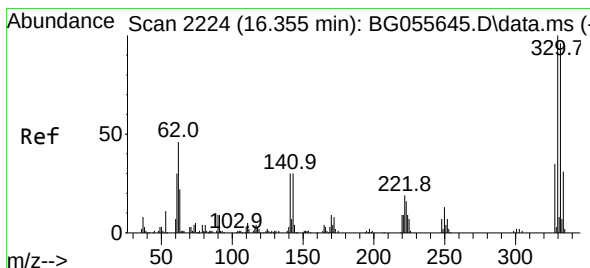
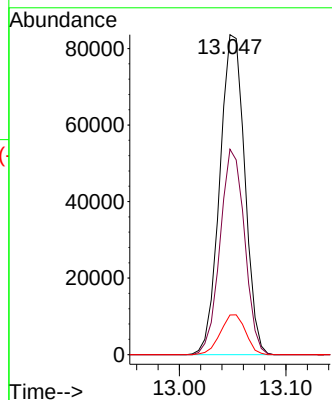
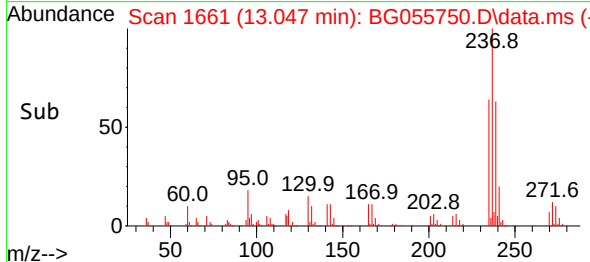
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



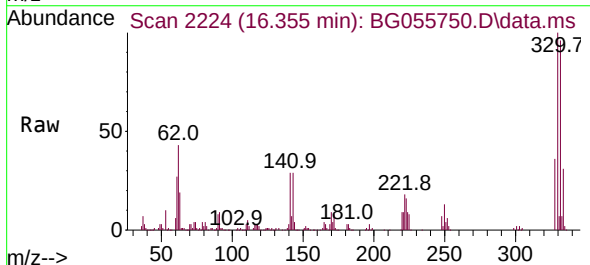
Tgt Ion:237 Resp: 136306
Ion Ratio Lower Upper
237 100
235 64.2 43.7 83.7
272 12.4 0.0 33.6

Manual Integrations
APPROVED

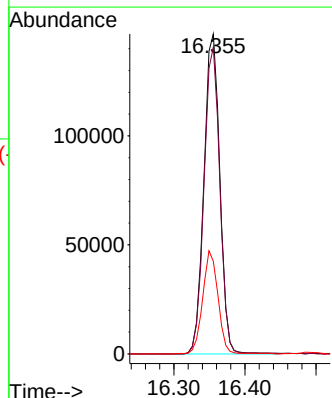
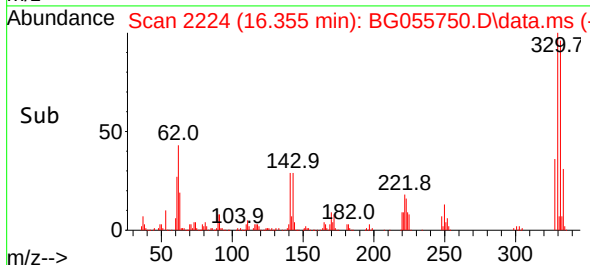
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

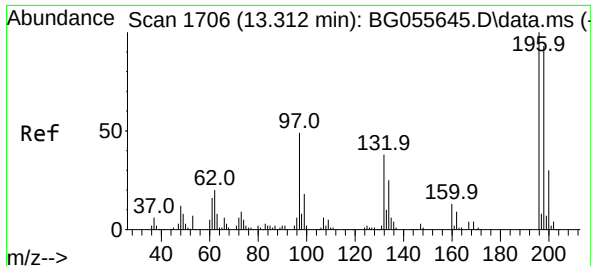


#42
2,4,6-Tribromophenol
Concen: 134.449 ng
RT: 16.355 min Scan# 2224
Delta R.T. 0.007 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



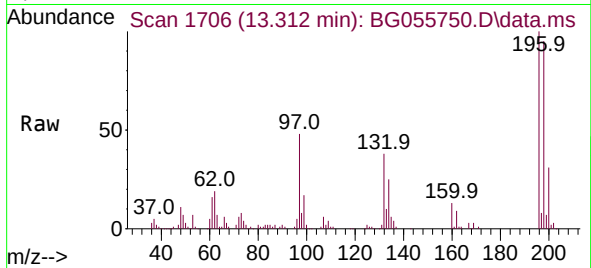
Tgt Ion:330 Resp: 226756
Ion Ratio Lower Upper
330 100
332 95.1 77.8 116.8
141 31.1 23.9 35.9





#43
 2,4,6-Trichlorophenol
 Concen: 49.306 ng
 RT: 13.312 min Scan# 1706
 Delta R.T. 0.001 min
 Lab File: BG055750.D
 Acq: 22 Nov 2022 22:03

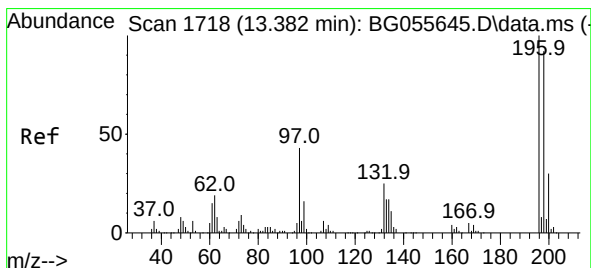
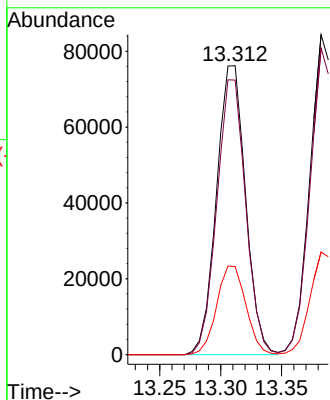
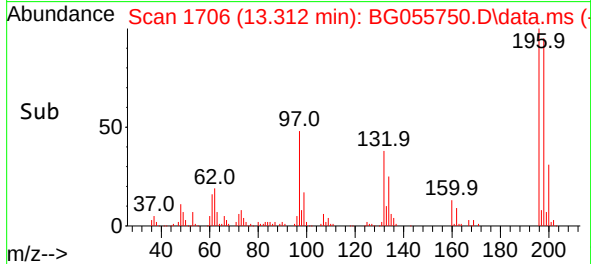
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-228MSD



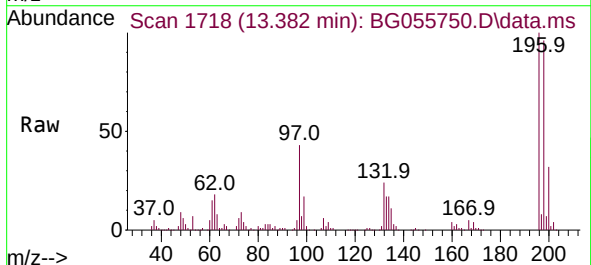
Tgt Ion:196 Resp: 126594
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.6 112.0
 200 30.5 23.7 35.5

Manual Integrations
 APPROVED

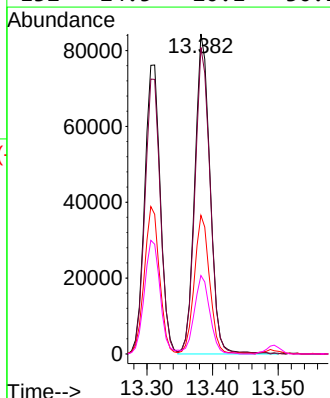
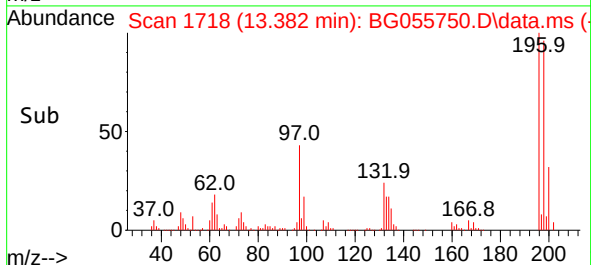
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

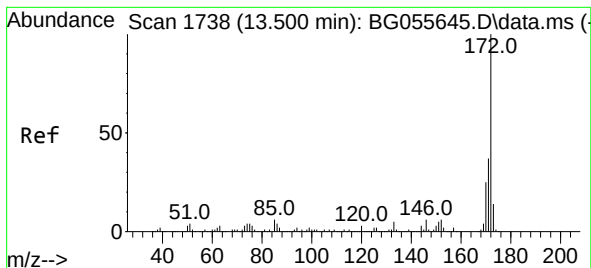


#44
 2,4,5-Trichlorophenol
 Concen: 48.230 ng
 RT: 13.382 min Scan# 1718
 Delta R.T. 0.001 min
 Lab File: BG055750.D
 Acq: 22 Nov 2022 22:03



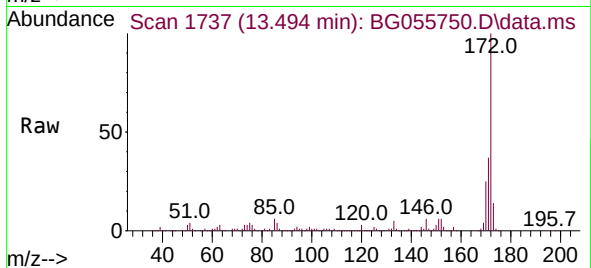
Tgt Ion:196 Resp: 136081
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.1 111.1
 97 43.3 34.8 52.2
 132 24.5 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 83.731 ng
RT: 13.494 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

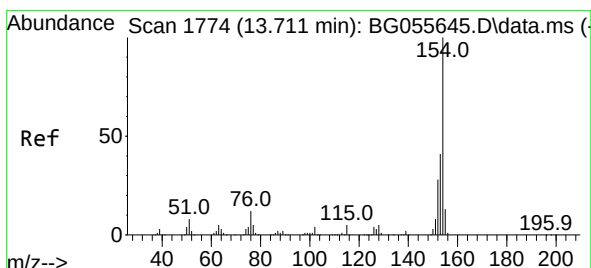
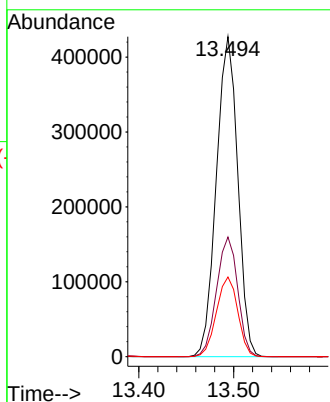
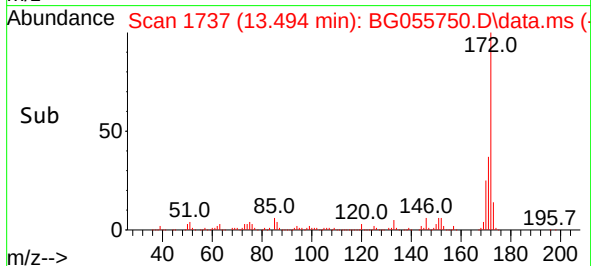
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



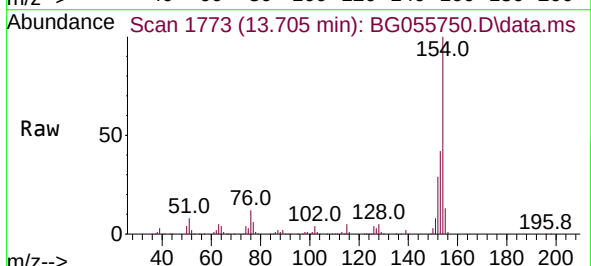
Tgt Ion:172 Resp: 669418
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 24.9 20.2 30.4

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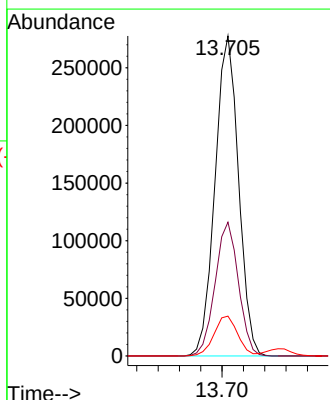
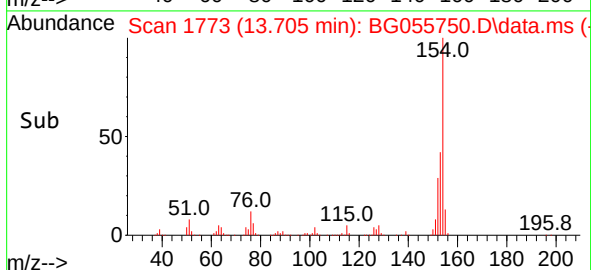
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

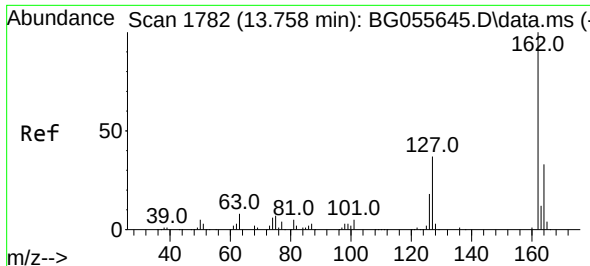


#46
1,1'-Biphenyl
Concen: 48.680 ng
RT: 13.705 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



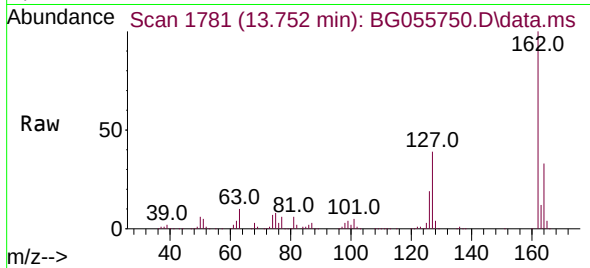
Tgt Ion:154 Resp: 424884
Ion Ratio Lower Upper
154 100
153 41.8 20.6 60.6
76 12.4 0.0 32.4





#47
2-Chloronaphthalene
Concen: 48.193 ng
RT: 13.752 min Scan# 1782
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

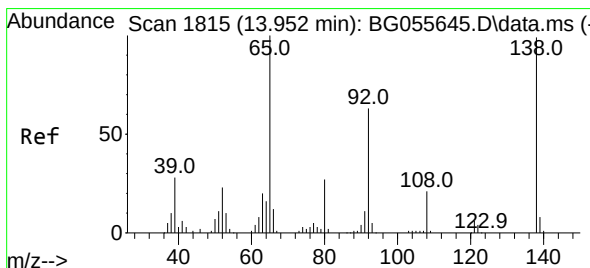
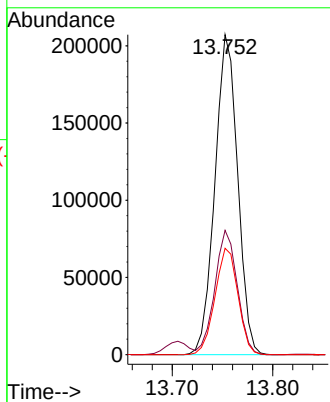
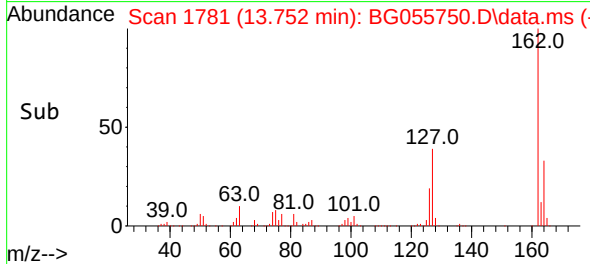
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



Tgt Ion:162 Resp: 326942
Ion Ratio Lower Upper
162 100
127 38.8 29.9 44.9
164 33.3 26.4 39.6

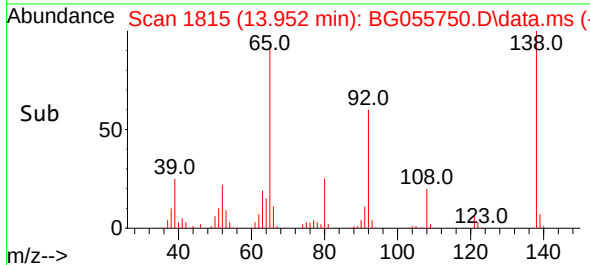
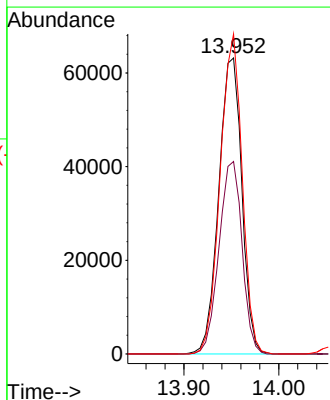
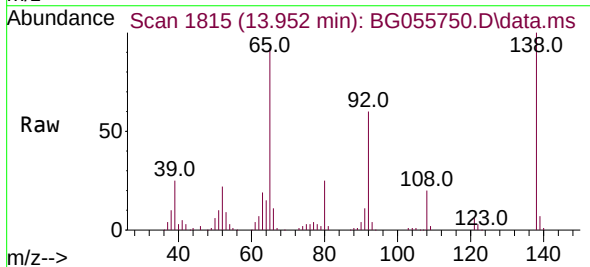
Manual Integrations
APPROVED

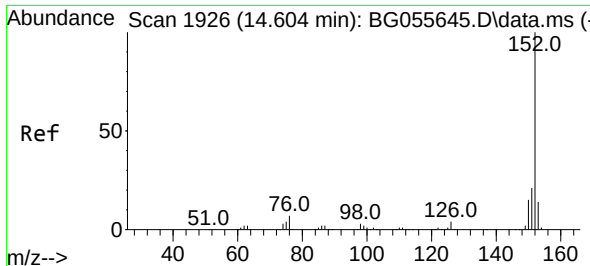
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#48
2-Nitroaniline
Concen: 47.924 ng
RT: 13.952 min Scan# 1815
Delta R.T. 0.007 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion: 65 Resp: 106890
Ion Ratio Lower Upper
65 100
92 65.0 50.1 75.1
138 108.1 79.4 119.0





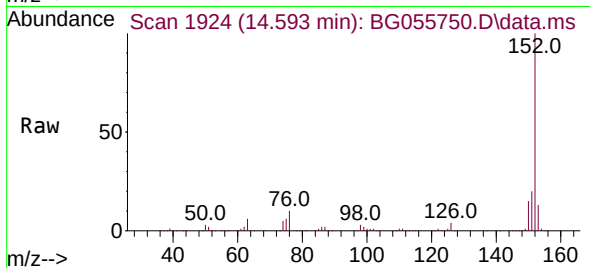
#49
Acenaphthylene
Concen: 47.105 ng
RT: 14.593 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

VNJ-228MSD

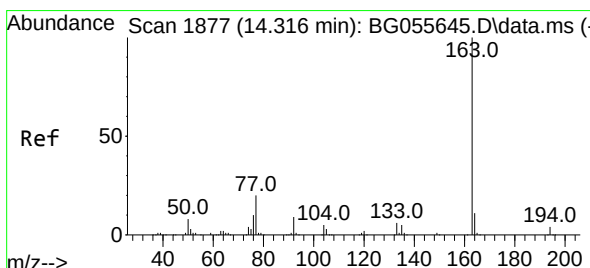
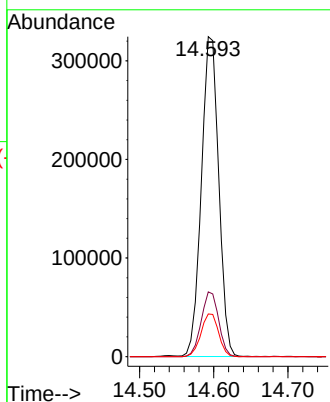
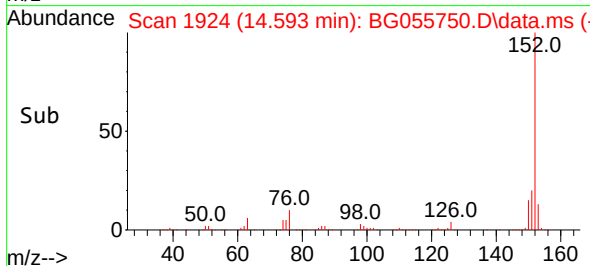


Tgt Ion:152 Resp: 526230
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.4 11.0 16.4

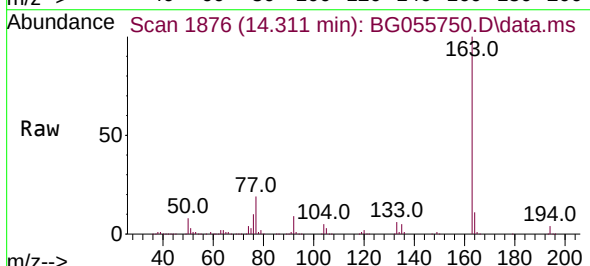
Manual Integrations

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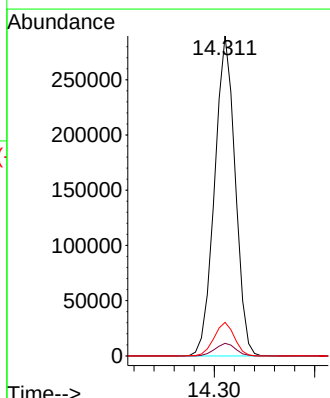
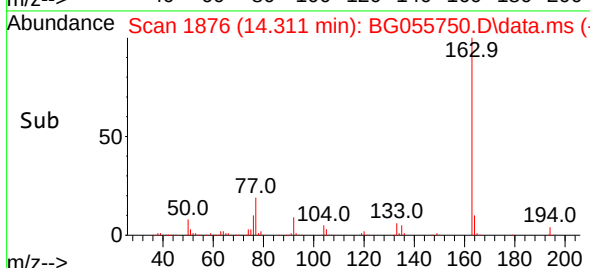
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

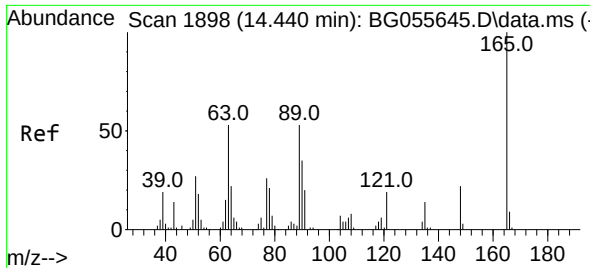


#50
Dimethylphthalate
Concen: 43.308 ng
RT: 14.311 min Scan# 1876
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



Tgt Ion:163 Resp: 413495
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.5 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 46.324 ng
RT: 14.434 min Scan# 1897
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

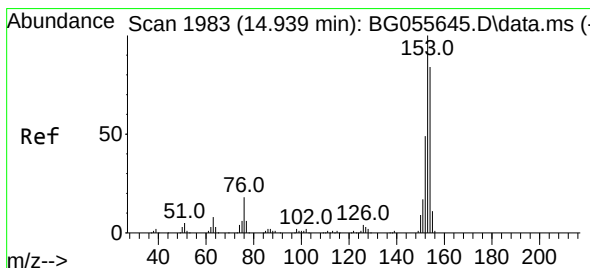
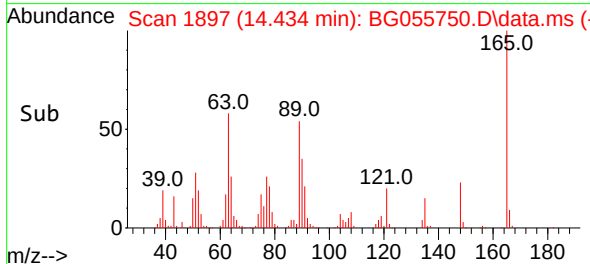
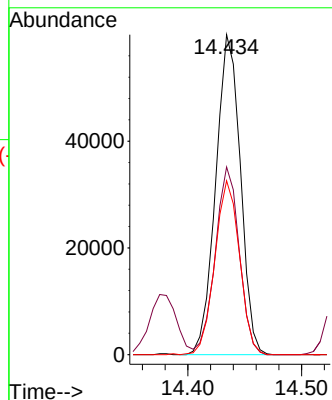
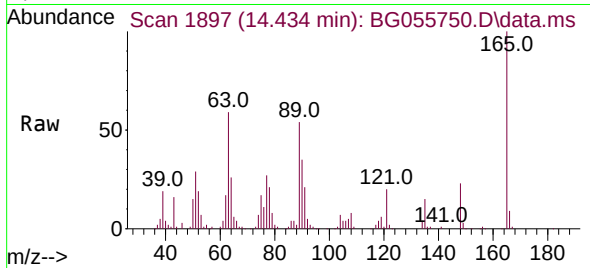
VNJ-228MSD

Tgt Ion:165 Resp: 90436
Ion Ratio Lower Upper
165 100
63 58.6 44.6 66.8
89 54.3 42.2 63.4

Manual Integrations

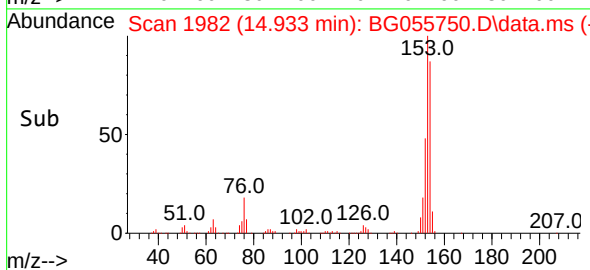
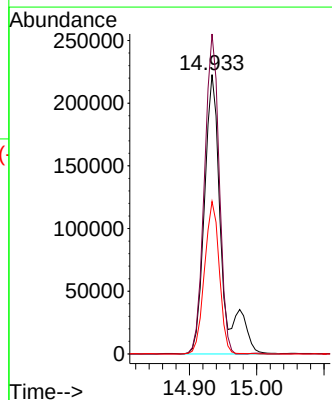
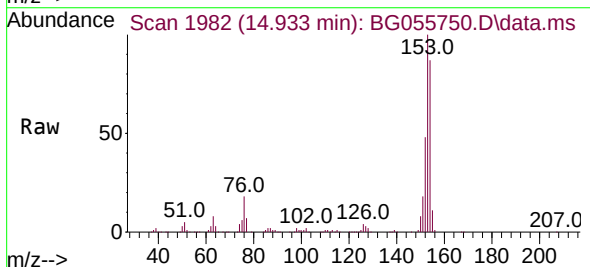
APPROVED

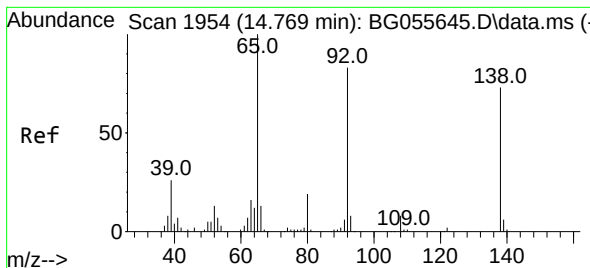
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#52
Acenaphthene
Concen: 53.635 ng m
RT: 14.933 min Scan# 1982
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion:154 Resp: 391601
Ion Ratio Lower Upper
154 100
153 114.6 95.0 142.4
152 54.6 46.1 69.1





#53
3-Nitroaniline
Concen: 36.634 ng
RT: 14.769 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

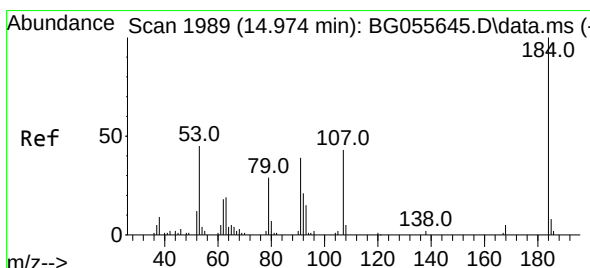
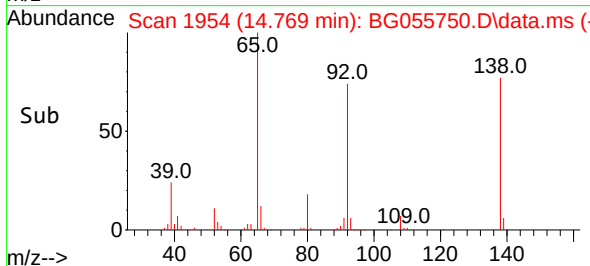
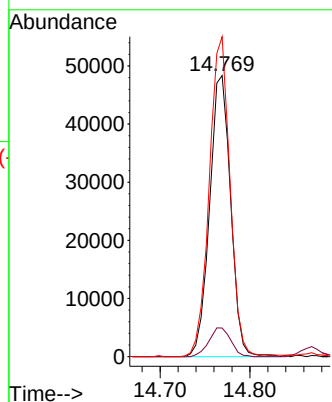
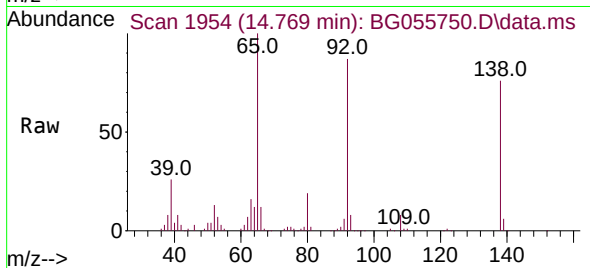
VNJ-228MSD

Tgt Ion:138 Resp: 78509
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 113.8 91.0 136.6

Manual Integrations

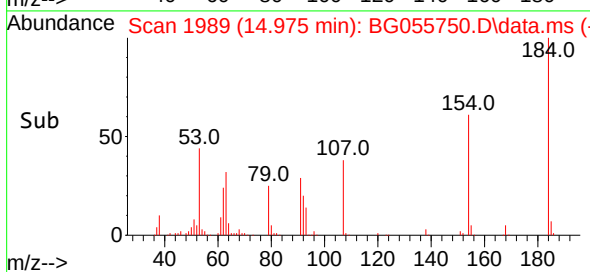
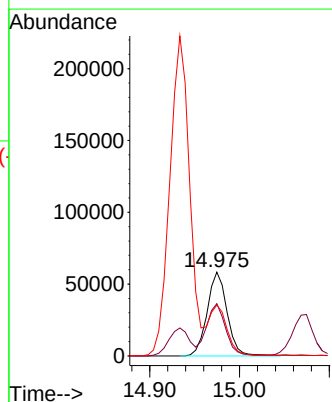
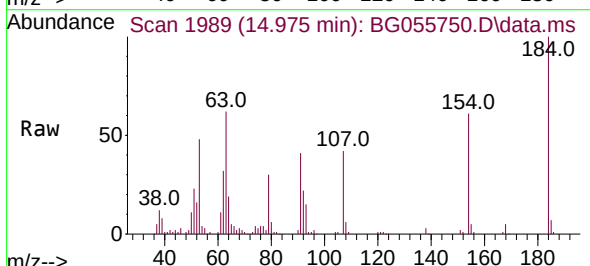
APPROVED

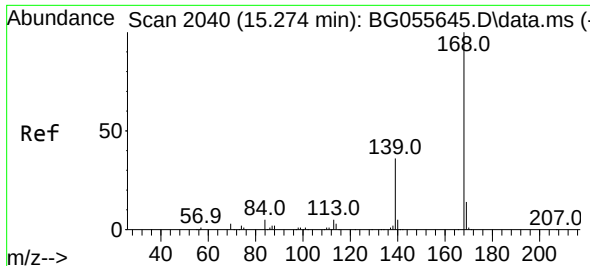
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#54
2,4-Dinitrophenol
Concen: 80.388 ng
RT: 14.975 min Scan# 1989
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

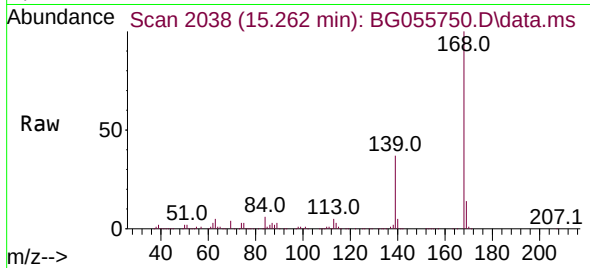
Tgt Ion:184 Resp: 90232
Ion Ratio Lower Upper
184 100
63 62.4 49.5 74.3
154 60.8 52.0 78.0





#55
Dibenzofuran
Concen: 47.063 ng
RT: 15.262 min Scan# 2040
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

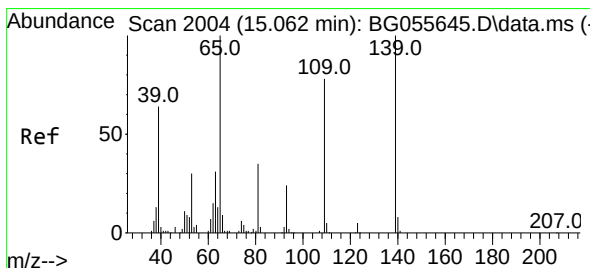
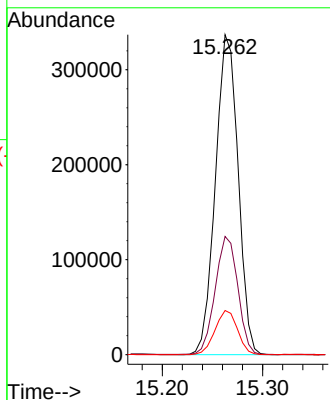
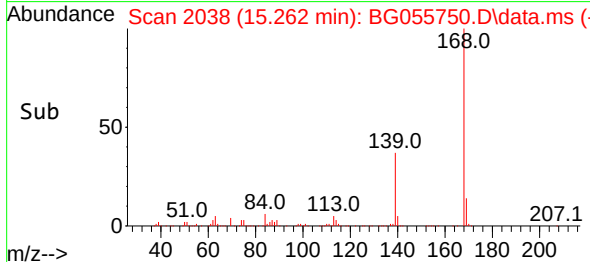
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



Tgt Ion:168 Resp: 530091
Ion Ratio Lower Upper
168 100
139 36.9 28.8 43.2
169 13.8 11.0 16.4

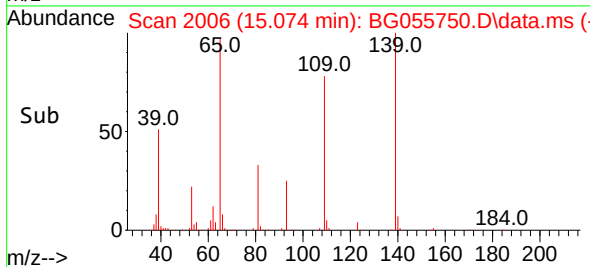
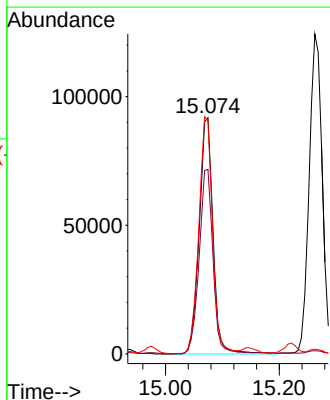
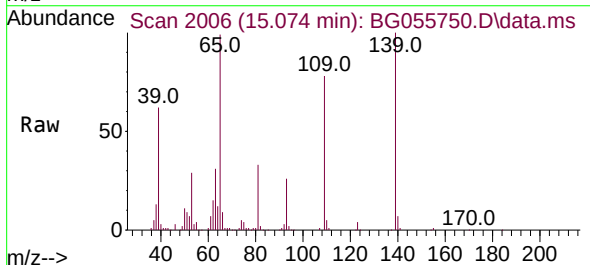
Manual Integrations
APPROVED

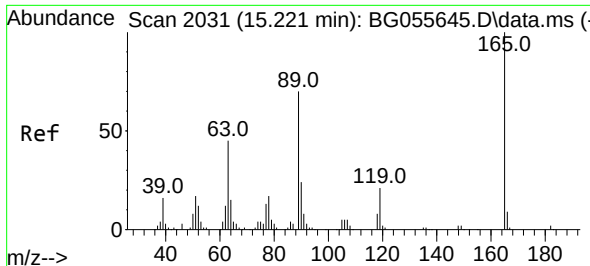
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#56
4-Nitrophenol
Concen: 91.844 ng
RT: 15.074 min Scan# 2006
Delta R.T. 0.013 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion:139 Resp: 154482
Ion Ratio Lower Upper
139 100
109 78.0 58.6 98.6
65 98.7 80.5 120.5





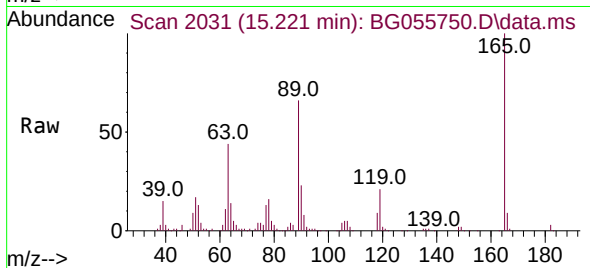
#57
2,4-Dinitrotoluene
Concen: 46.353 ng
RT: 15.221 min Scan# 2031
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

VNJ-228MSD

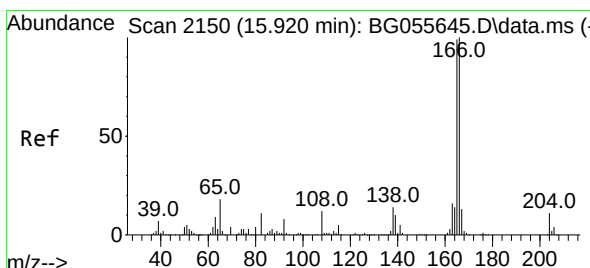
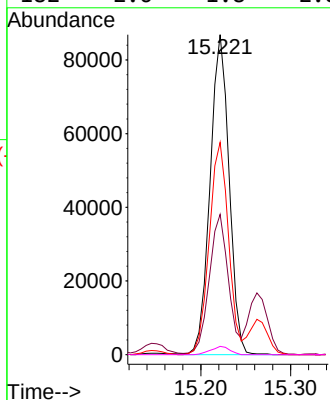
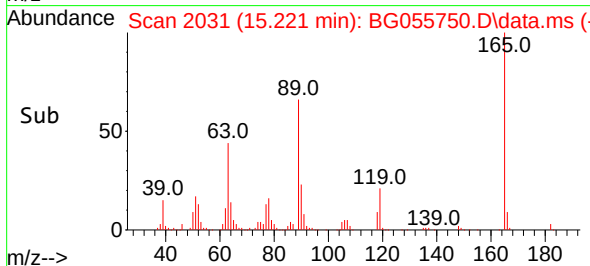


Tgt Ion:165 Resp: 127585
Ion Ratio Lower Upper
165 100
63 43.8 35.8 53.8
89 66.3 56.2 84.4
182 2.6 1.8 2.8

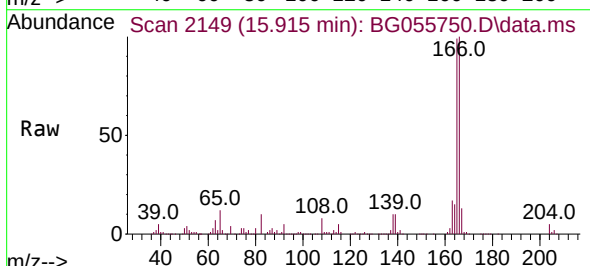
Manual Integrations

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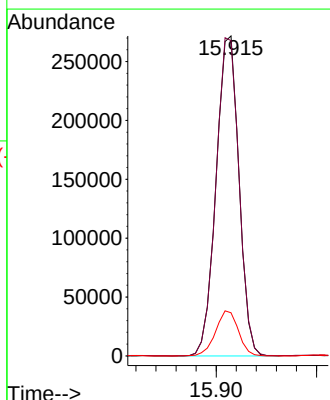
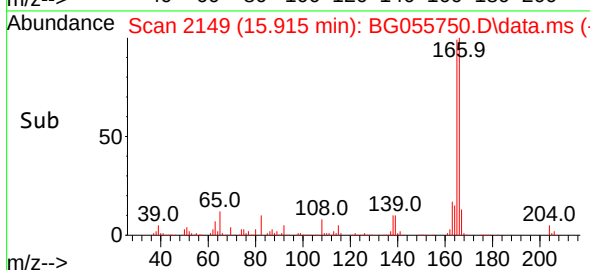
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

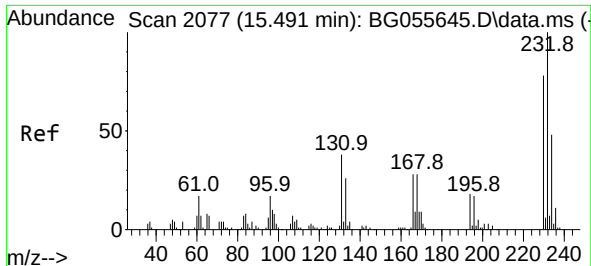


#58
Fluorene
Concen: 47.734 ng
RT: 15.915 min Scan# 2149
Delta R.T. 0.007 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



Tgt Ion:166 Resp: 429415
Ion Ratio Lower Upper
166 100
165 98.5 79.3 118.9
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.089 ng
RT: 15.486 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

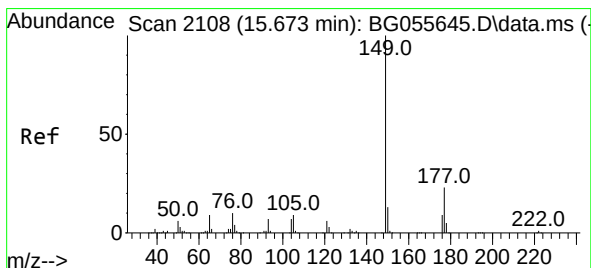
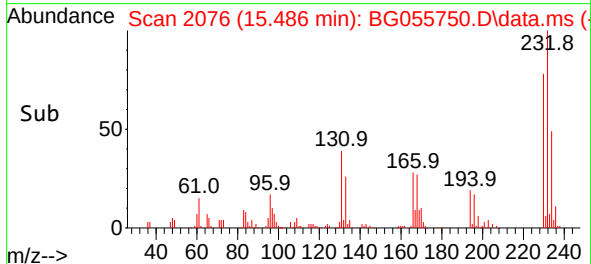
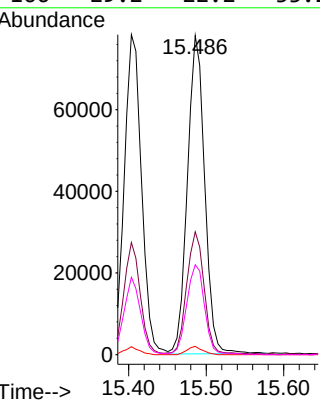
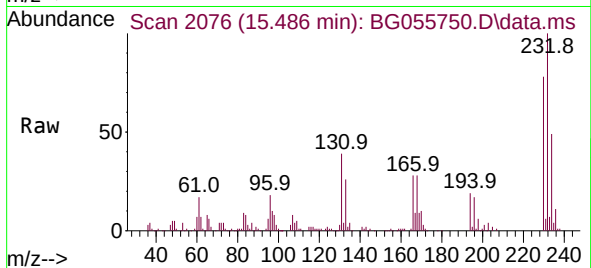
VNJ-228MSD

Tgt Ion:232 Resp: 120538
Ion Ratio Lower Upper
232 100
131 38.7 29.8 44.8
130 2.3 1.7 2.5
166 29.2 22.2 33.2

Manual Integrations

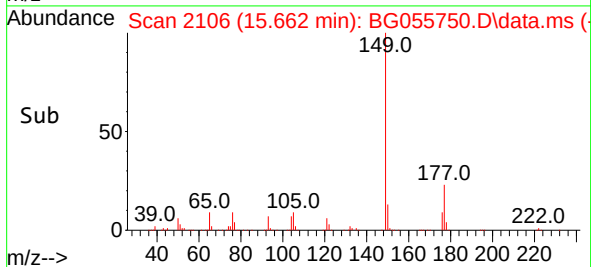
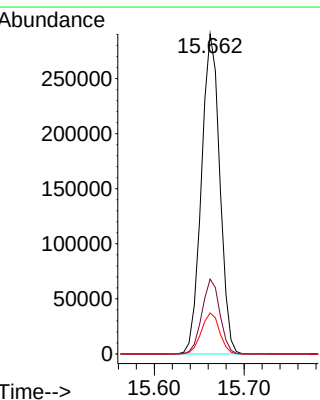
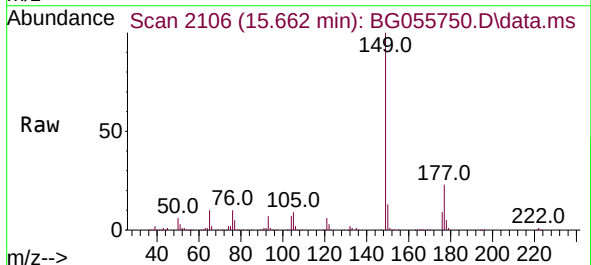
APPROVED

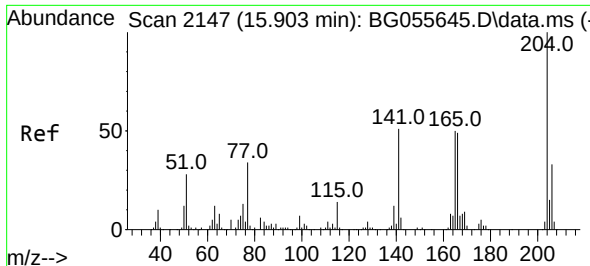
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#60
Diethylphthalate
Concen: 42.734 ng
RT: 15.662 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

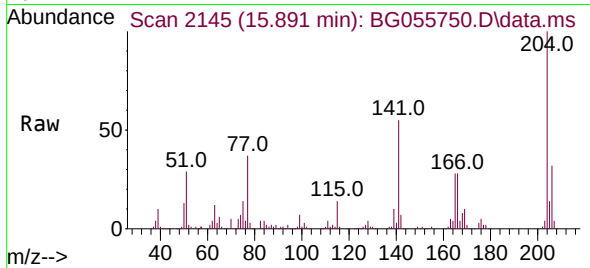
Tgt Ion:149 Resp: 412517
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.594 ng
RT: 15.891 min Scan# 2145
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

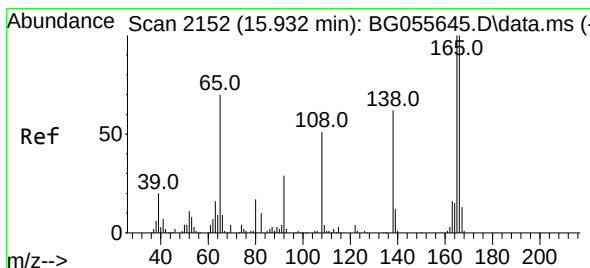
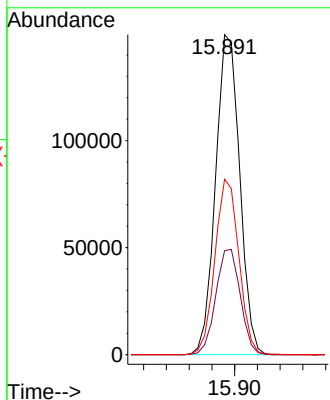
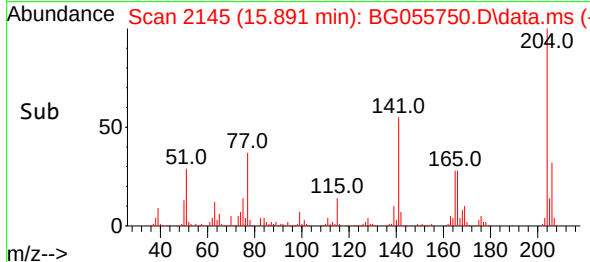
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



Tgt Ion:204 Resp: 220519
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 54.8 40.6 61.0

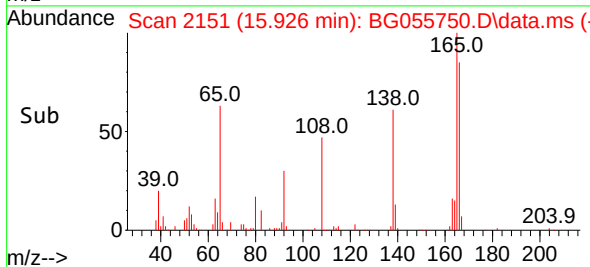
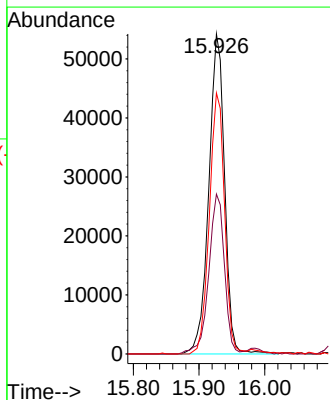
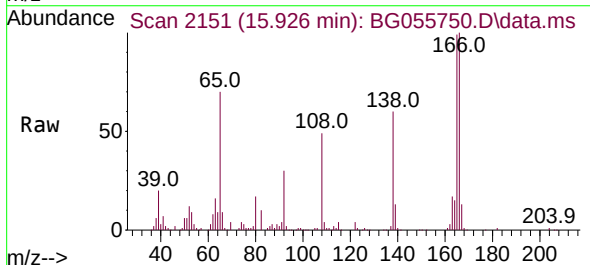
Manual Integrations
APPROVED

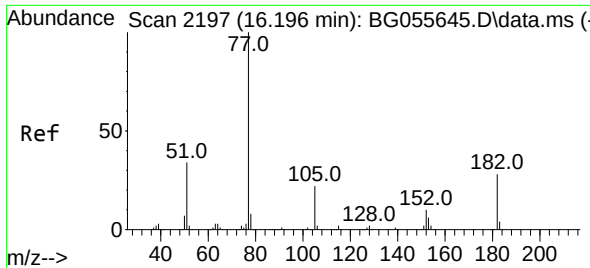
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#62
4-Nitroaniline
Concen: 40.582 ng
RT: 15.926 min Scan# 2151
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion:138 Resp: 90914
Ion Ratio Lower Upper
138 100
92 49.9 27.3 67.3
108 81.5 62.8 102.8





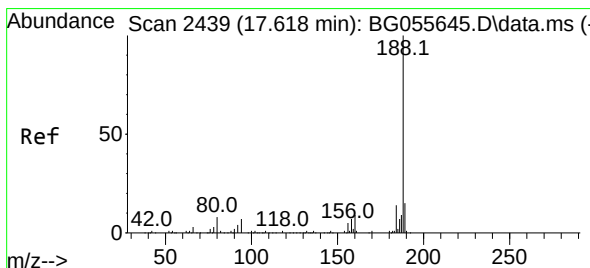
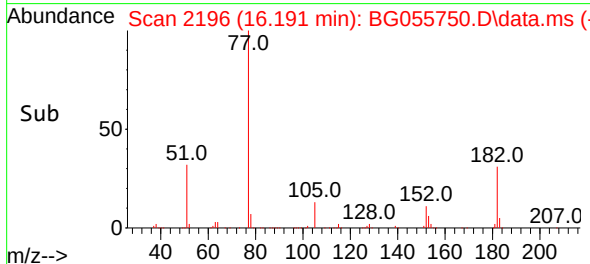
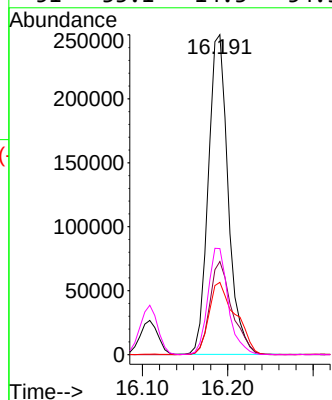
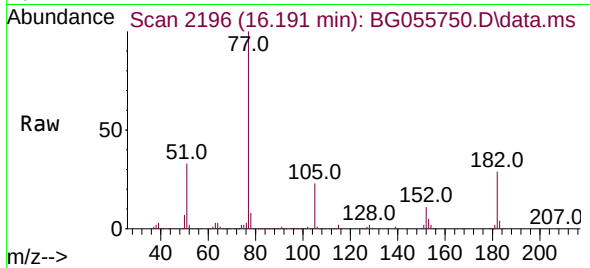
#63
Azobenzene
Concen: 47.831 ng
RT: 16.191 min Scan# 2197
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD

Tgt Ion: 77 Resp: 403094
Ion Ratio Lower Upper
77 100
182 29.1 8.1 48.1
105 22.6 1.8 41.8
51 33.1 14.3 54.3

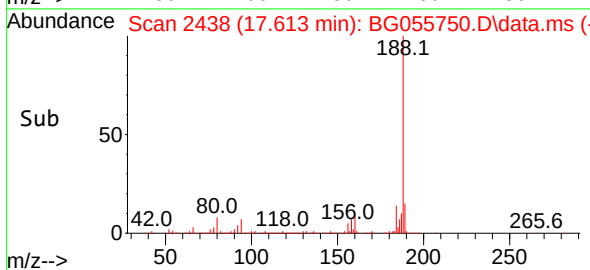
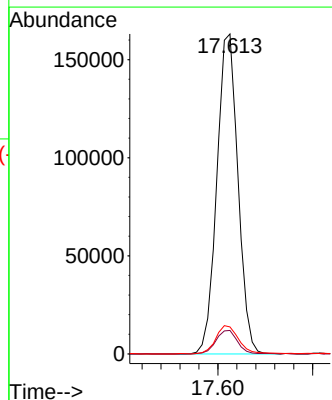
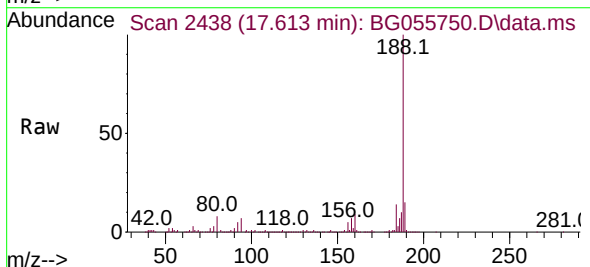
Manual Integrations
APPROVED

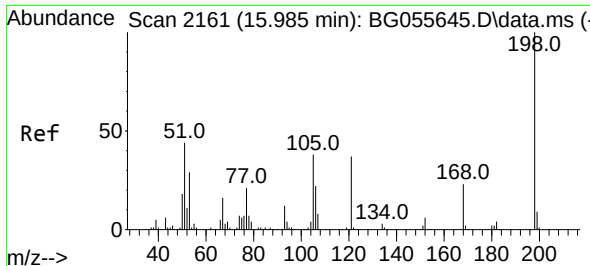
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2438
Delta R.T. 0.007 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion:188 Resp: 251883
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.2
80 8.4 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 44.506 ng
RT: 15.985 min Scan# 2161
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

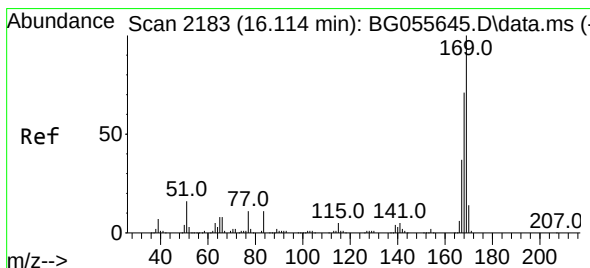
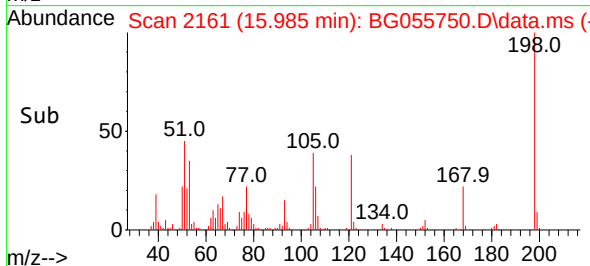
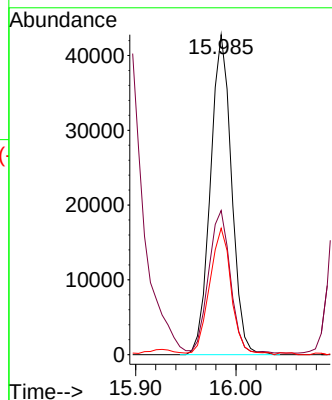
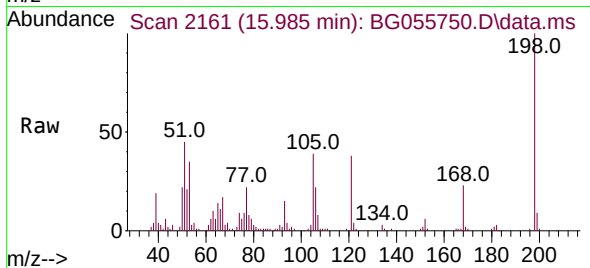
VNJ-228MSD

Tgt Ion:198 Resp: 62597
Ion Ratio Lower Upper
198 100
51 45.0 27.7 67.7
105 39.5 19.3 59.3

Manual Integrations

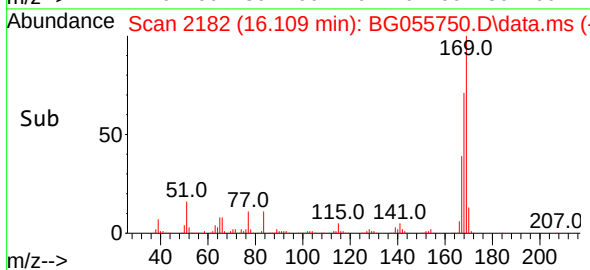
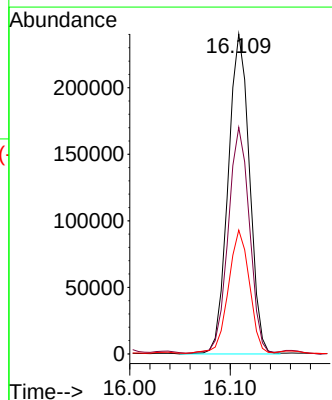
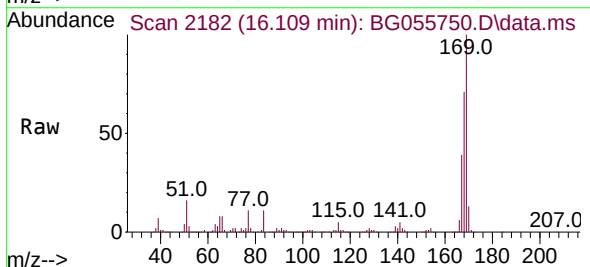
APPROVED

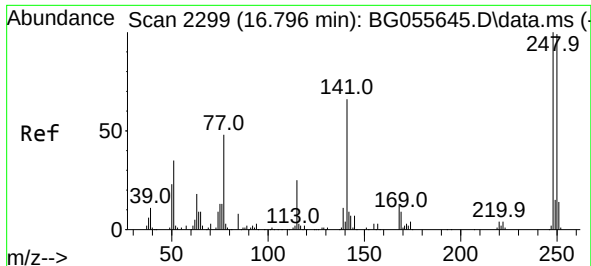
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#66
n-Nitrosodiphenylamine
Concen: 51.239 ng
RT: 16.109 min Scan# 2182
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

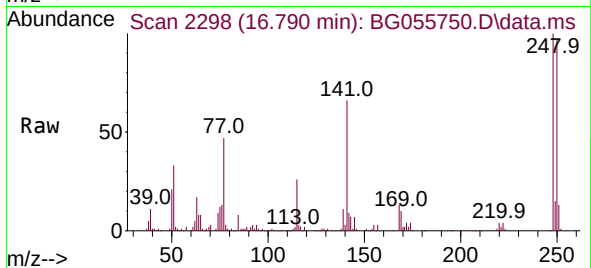
Tgt Ion:169 Resp: 355683
Ion Ratio Lower Upper
169 100
168 70.8 56.6 85.0
167 38.7 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 49.984 ng
RT: 16.790 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

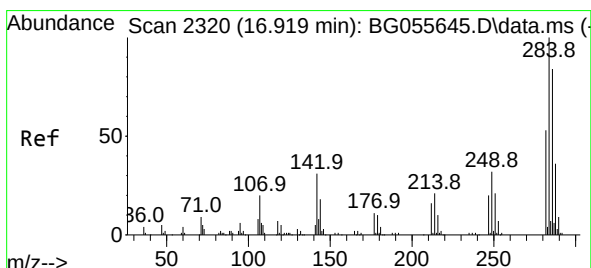
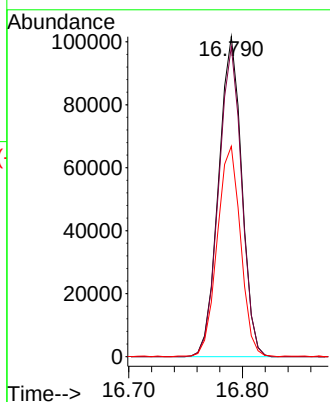
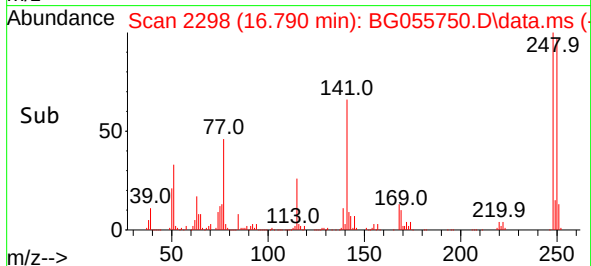
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



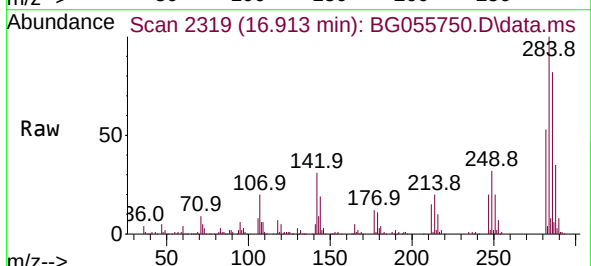
Tgt Ion:248 Resp: 143449
Ion Ratio Lower Upper
248 100
250 96.9 79.0 118.4
141 65.7 52.9 79.3

Manual Integrations
APPROVED

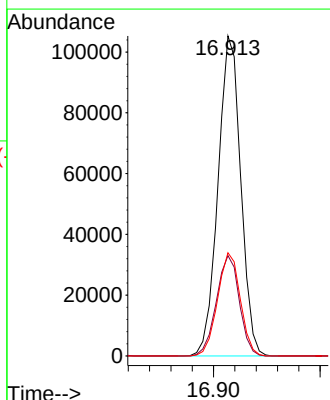
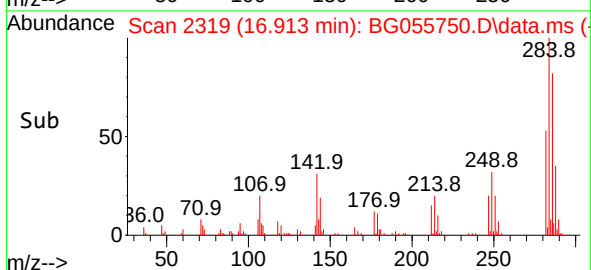
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

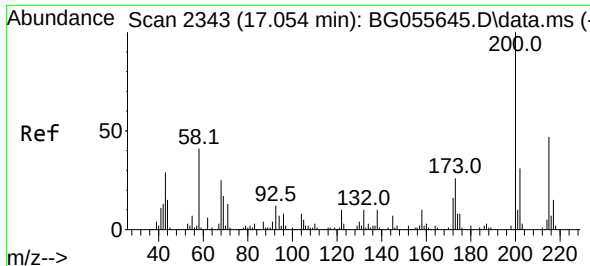


#68
Hexachlorobenzene
Concen: 48.995 ng
RT: 16.913 min Scan# 2319
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



Tgt Ion:284 Resp: 155917
Ion Ratio Lower Upper
284 100
142 31.3 24.8 37.2
249 32.2 25.7 38.5





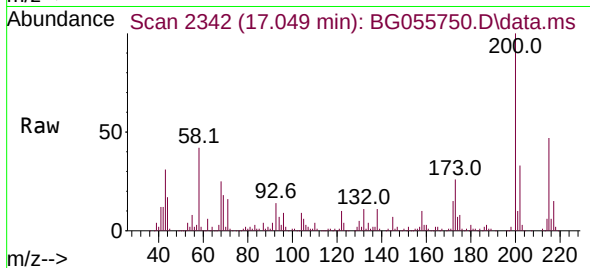
#69
 Atrazine
 Concen: 51.443 ng
 RT: 17.049 min Scan# 2343
 Delta R.T. 0.007 min
 Lab File: BG055750.D
 Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

VNJ-228MSD

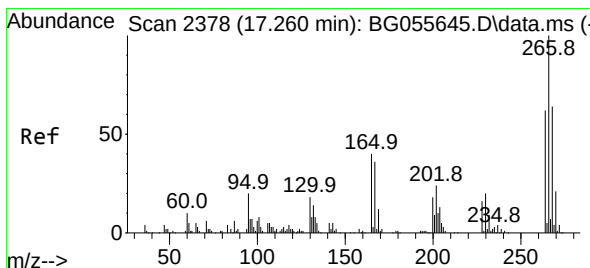
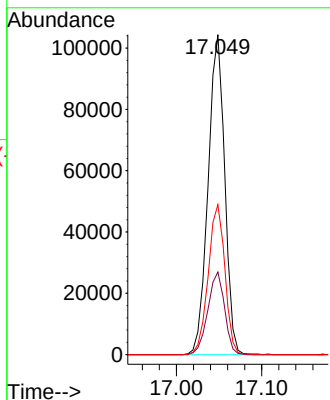
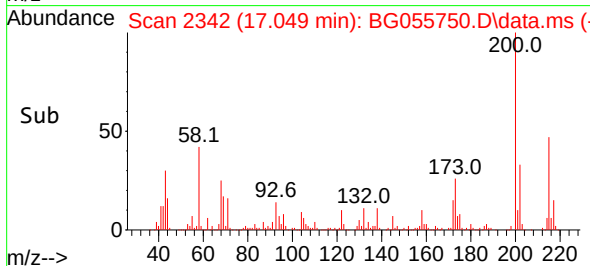


Tgt Ion:200 Resp: 141232
 Ion Ratio Lower Upper
 200 100
 173 25.8 5.6 45.6
 215 46.9 27.2 67.2

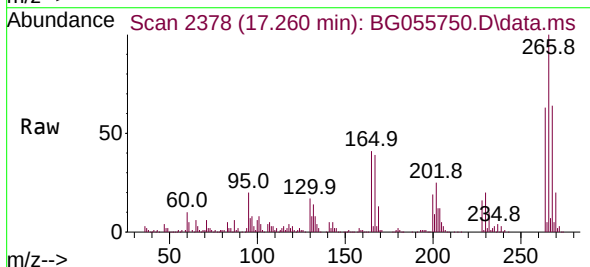
Manual Integrations

APPROVED

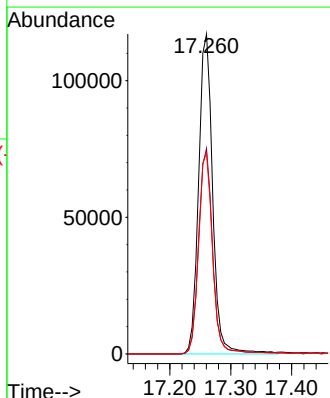
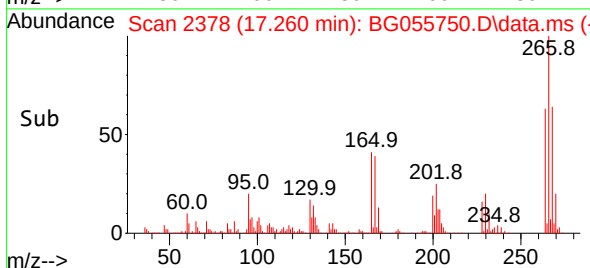
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

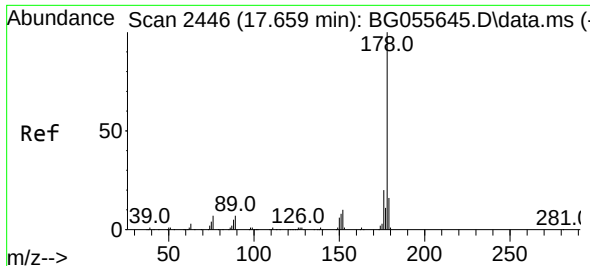


#70
 Pentachlorophenol
 Concen: 96.068 ng
 RT: 17.260 min Scan# 2378
 Delta R.T. 0.007 min
 Lab File: BG055750.D
 Acq: 22 Nov 2022 22:03



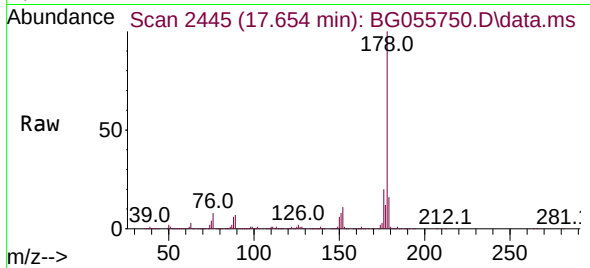
Tgt Ion:266 Resp: 187014
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.2 76.8
 264 62.8 49.5 74.3





#71
Phenanthrene
Concen: 60.884 ng
RT: 17.654 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

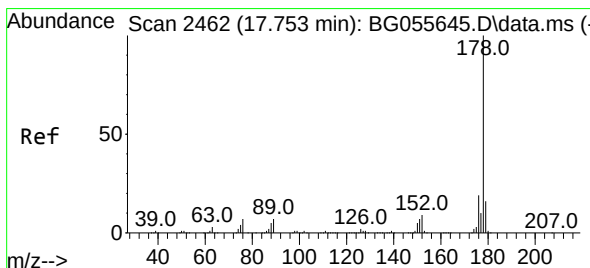
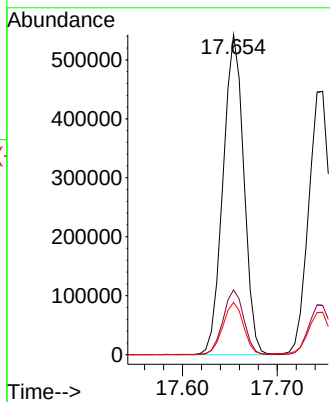
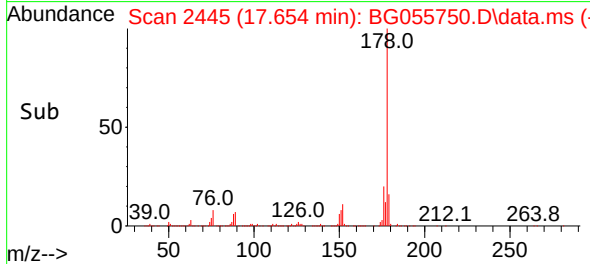
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



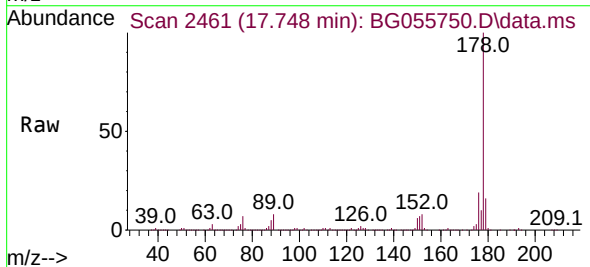
Tgt Ion:178 Resp: 827578
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.3 12.7 19.1

Manual Integrations
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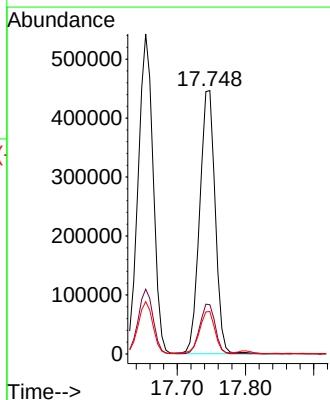
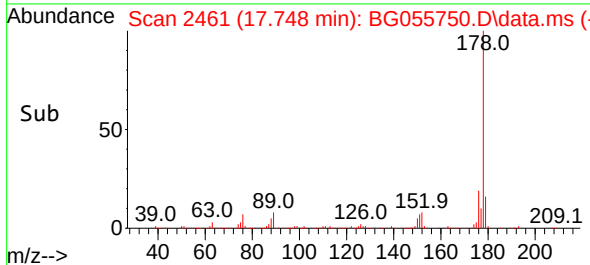
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

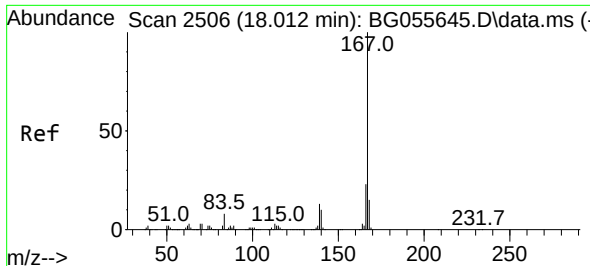


#72
Anthracene
Concen: 53.391 ng
RT: 17.748 min Scan# 2461
Delta R.T. 0.007 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



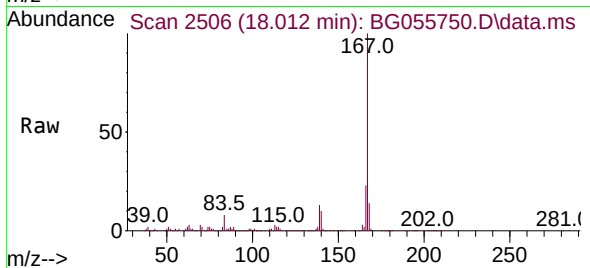
Tgt Ion:178 Resp: 705131
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 16.1 12.5 18.7





#73
 Carbazole
 Concen: 48.843 ng
 RT: 18.012 min Scan# 2506
 Delta R.T. 0.007 min
 Lab File: BG055750.D
 Acq: 22 Nov 2022 22:03

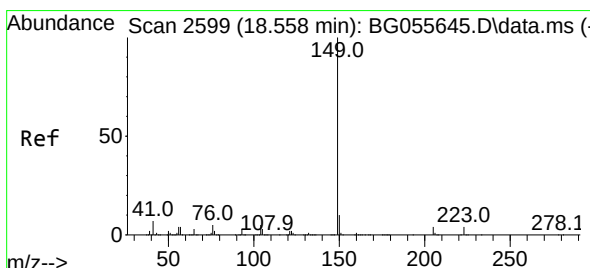
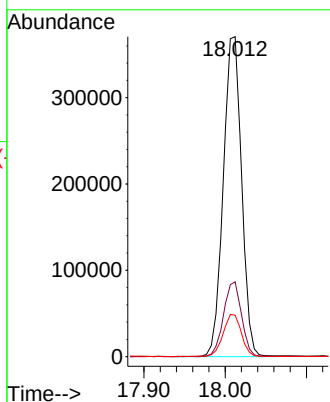
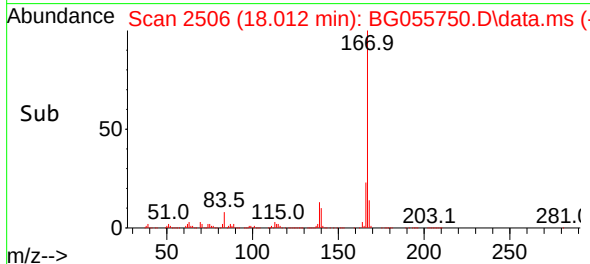
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-228MSD



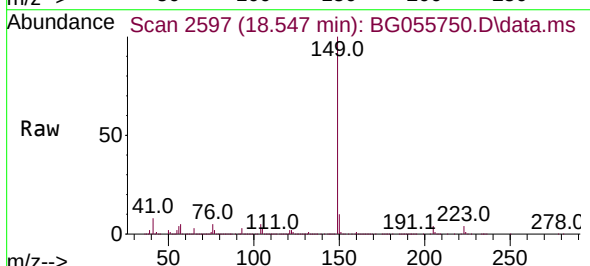
Tgt Ion:167 Resp: 579912
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.2
 139 12.9 10.2 15.4

Manual Integrations
 APPROVED

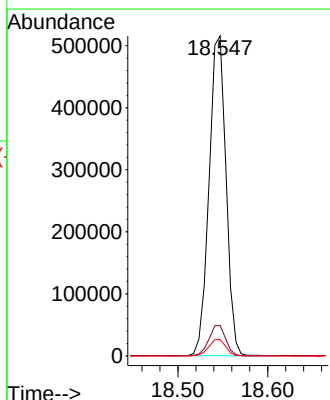
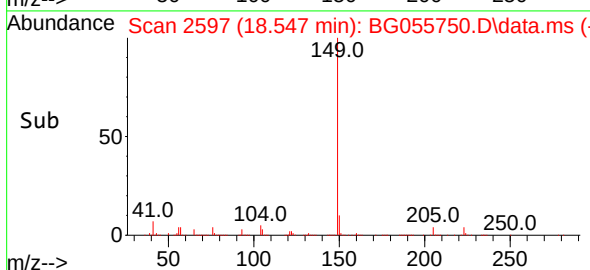
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

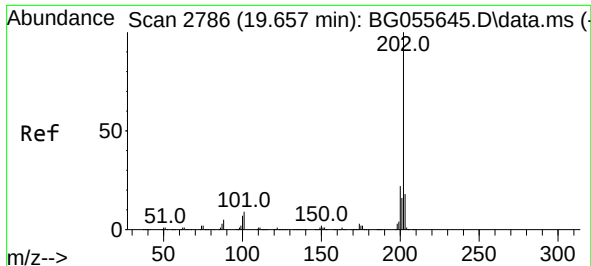


#74
 Di-n-butylphthalate
 Concen: 45.948 ng
 RT: 18.547 min Scan# 2597
 Delta R.T. 0.007 min
 Lab File: BG055750.D
 Acq: 22 Nov 2022 22:03



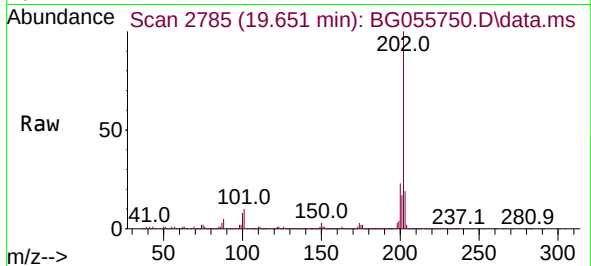
Tgt Ion:149 Resp: 677388
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 65.047 ng
RT: 19.651 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

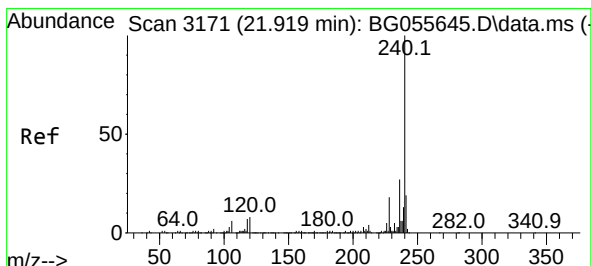
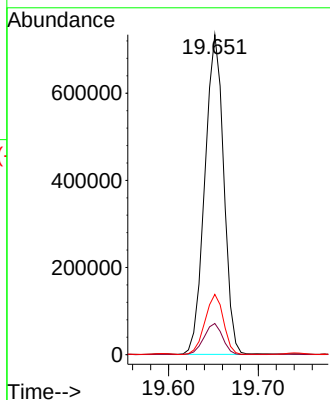
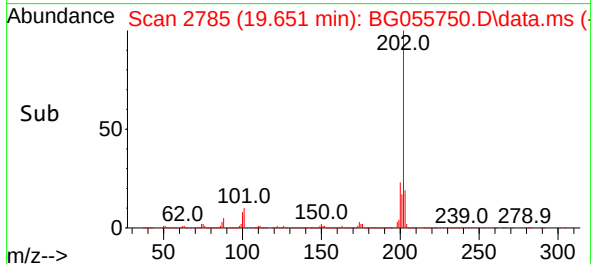
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



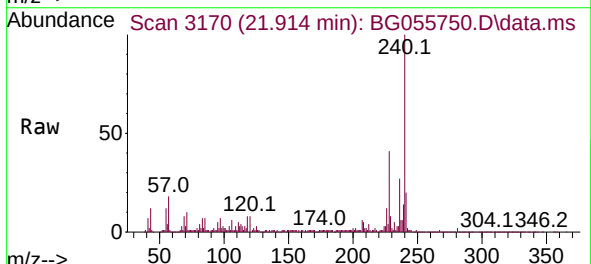
Tgt Ion:202 Resp: 1075653
Ion Ratio Lower Upper
202 100
101 9.7 0.0 28.8
203 18.8 0.0 38.1

Manual Integrations
APPROVED

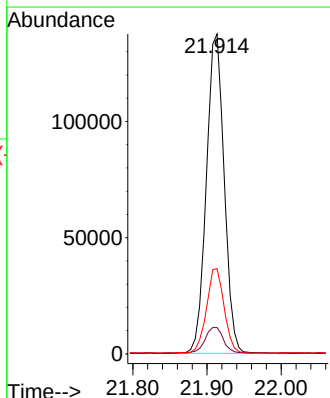
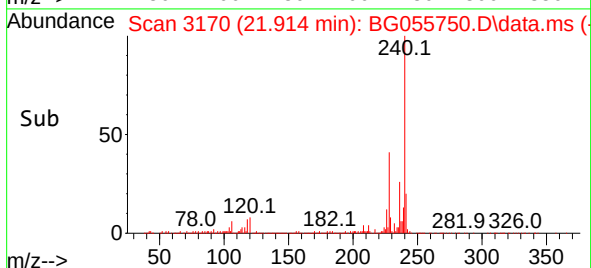
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

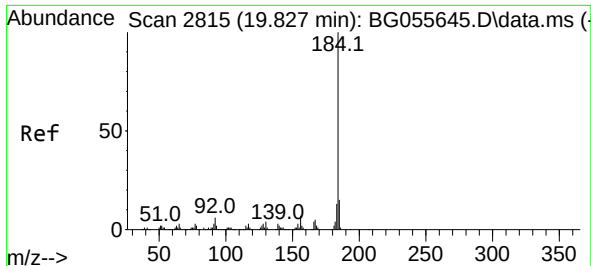


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3170
Delta R.T. 0.007 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



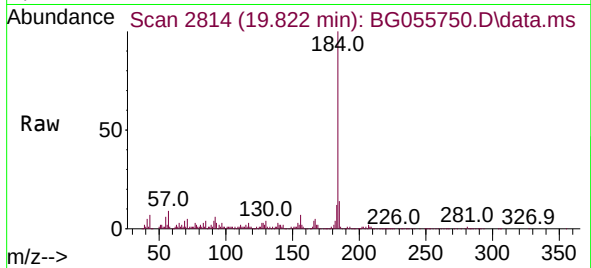
Tgt Ion:240 Resp: 228614
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 26.6 21.9 32.9





#77
Benzidine
Concen: 34.665 ng
RT: 19.822 min Scan# 2814
Delta R.T. 0.007 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

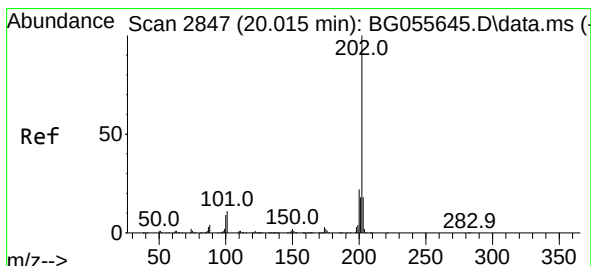
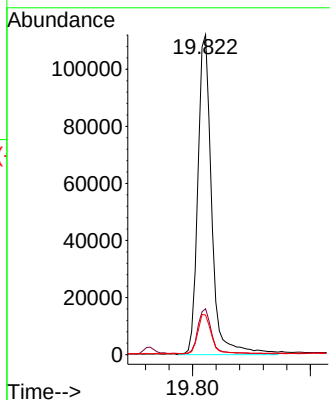
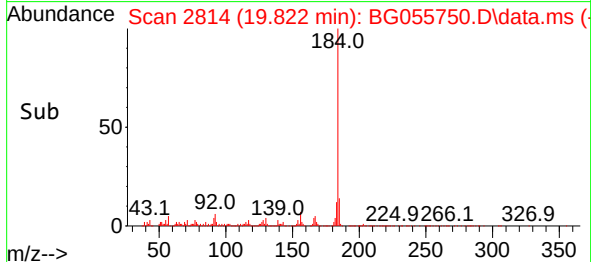
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



Tgt Ion:184 Resp: 183340
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 12.4 10.6 15.8

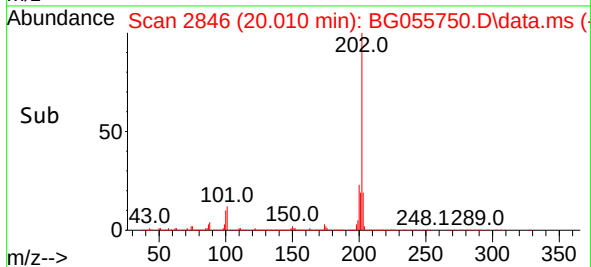
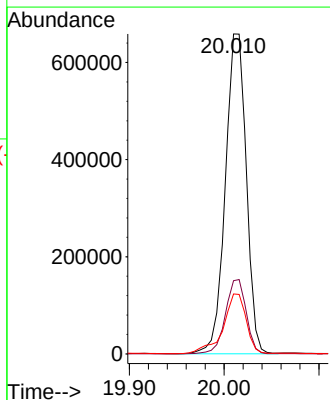
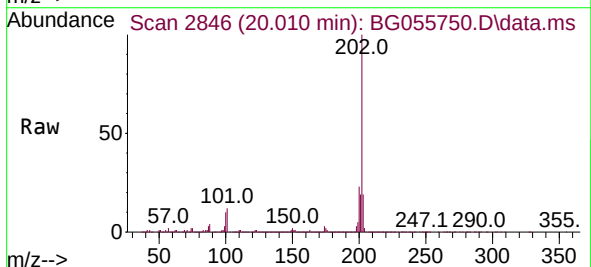
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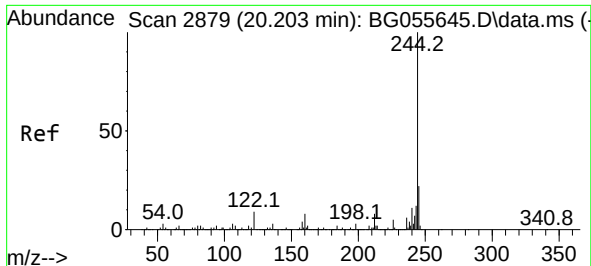
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#78
Pyrene
Concen: 65.404 ng
RT: 20.010 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

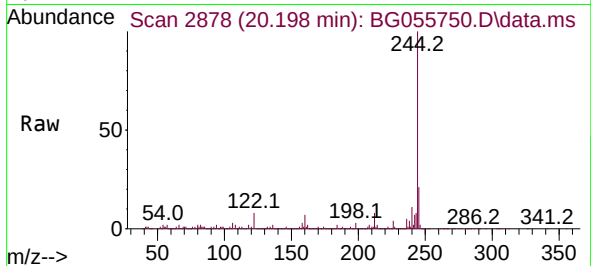
Tgt Ion:202 Resp: 1012098
Ion Ratio Lower Upper
202 100
200 22.9 17.8 26.6
203 18.7 14.4 21.6





#79
Terphenyl-d14
Concen: 84.621 ng
RT: 20.198 min Scan# 2879
Delta R.T. 0.007 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

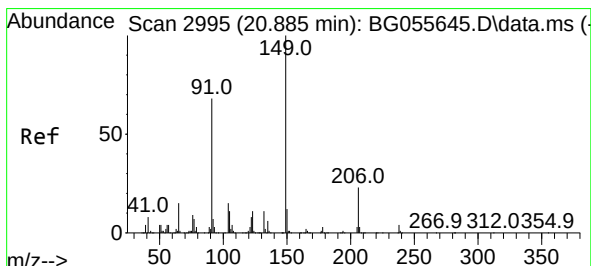
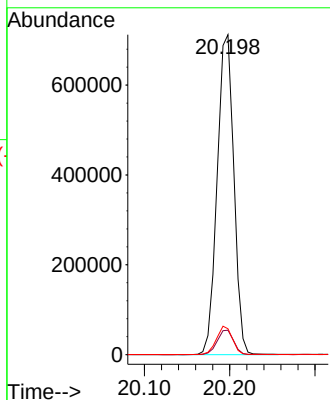
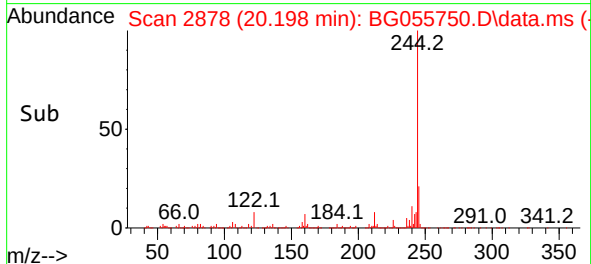
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



Tgt Ion:244 Resp: 967219
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 8.1 6.9 10.3

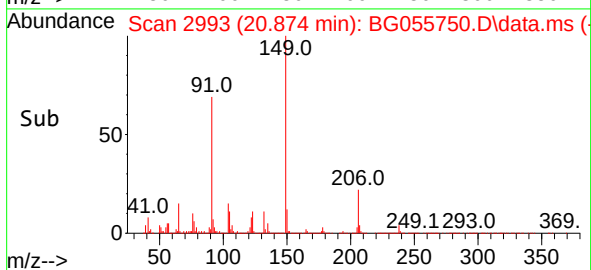
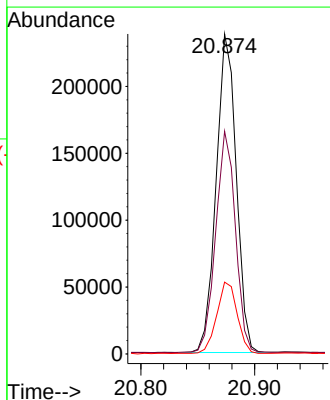
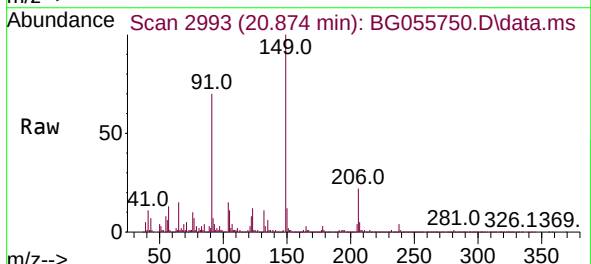
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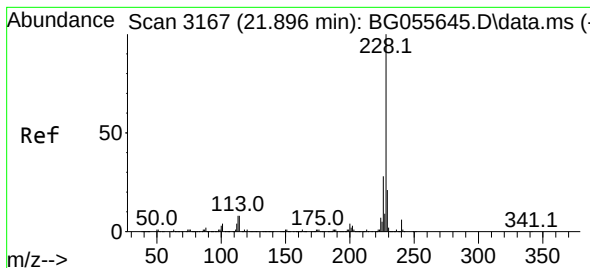
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#80
Butylbenzylphthalate
Concen: 48.185 ng
RT: 20.874 min Scan# 2993
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion:149 Resp: 291902
Ion Ratio Lower Upper
149 100
91 69.6 54.6 81.8
206 22.4 18.3 27.5





#81

Benzo(a)anthracene

Concen: 54.843 ng

RT: 21.890 min Scan# 3167

Delta R.T. 0.007 min

Lab File: BG055750.D

Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

VNJ-228MSD

Tgt Ion:228 Resp: 863560

Ion Ratio Lower Upper

228 100

226 29.7 22.7 34.1

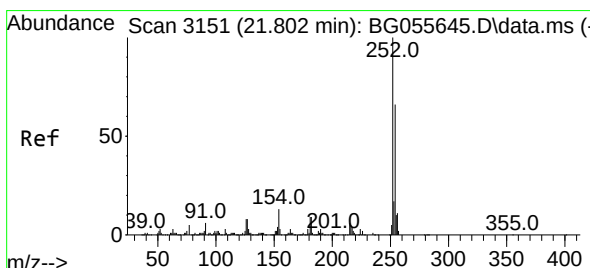
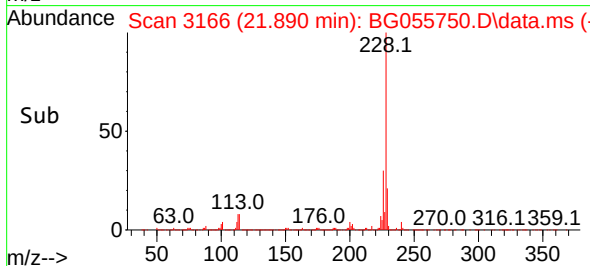
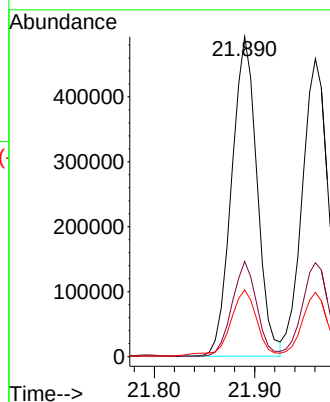
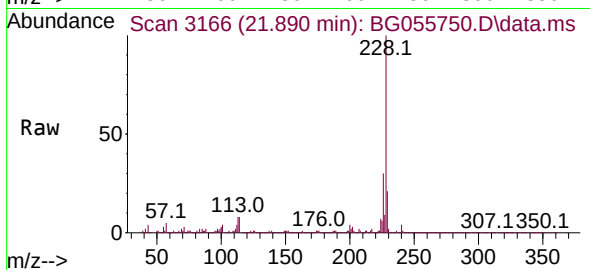
229 20.8 16.5 24.7

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#82

3,3'-Dichlorobenzidine

Concen: 35.673 ng

RT: 21.790 min Scan# 3149

Delta R.T. 0.001 min

Lab File: BG055750.D

Acq: 22 Nov 2022 22:03

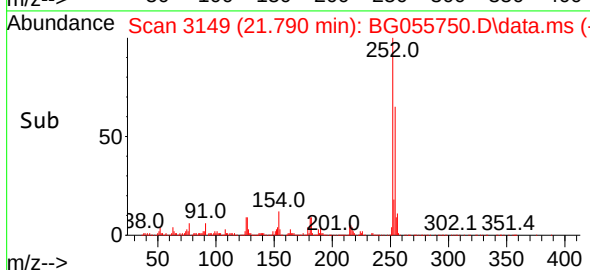
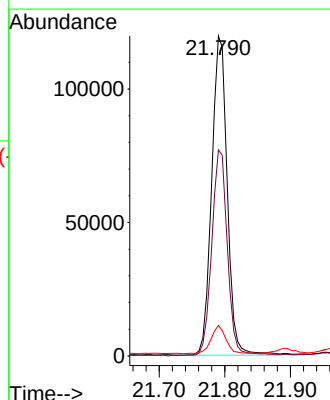
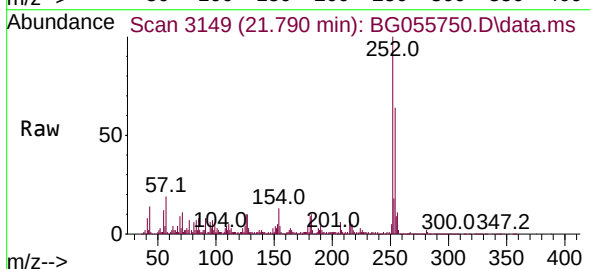
Tgt Ion:252 Resp: 197376

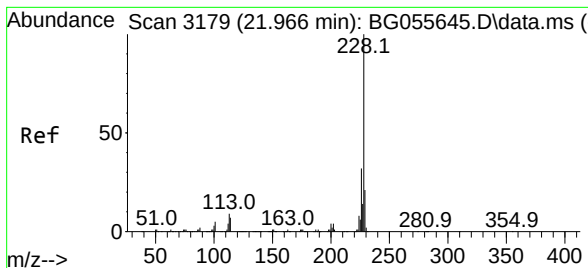
Ion Ratio Lower Upper

252 100

254 64.4 53.0 79.6

126 9.5 6.7 10.1





#83

Chrysene

Concen: 53.763 ng

RT: 21.961 min Scan# 3179

Delta R.T. 0.007 min

Lab File: BG055750.D

Acq: 22 Nov 2022 22:03

Instrument :

BNA_G

ClientSampleId :

VNJ-228MSD

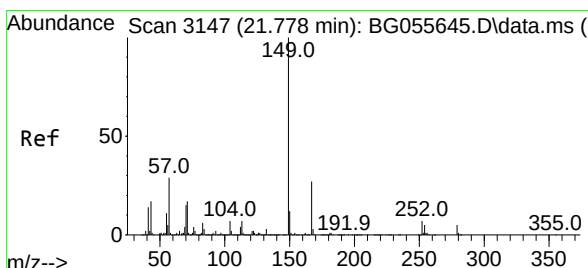
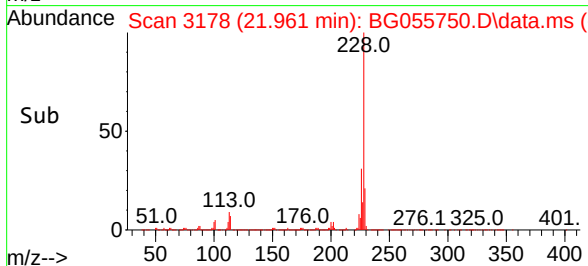
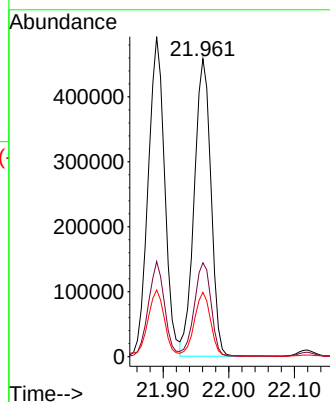
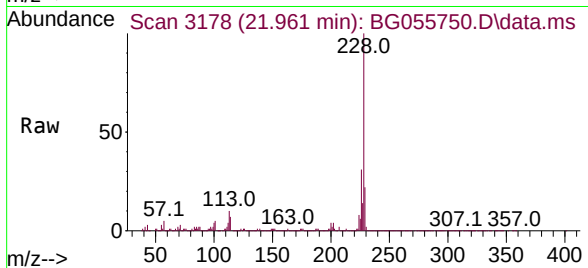
Tgt Ion:228 Resp: 805909

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.2
229	21.6	17.1	25.7

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.943 ng

RT: 21.761 min Scan# 3144

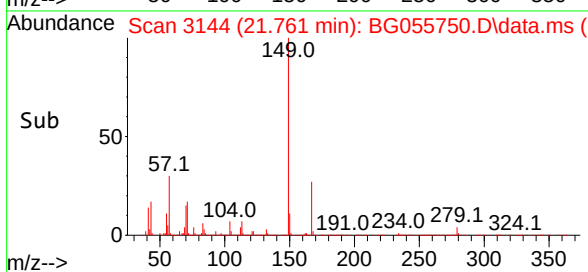
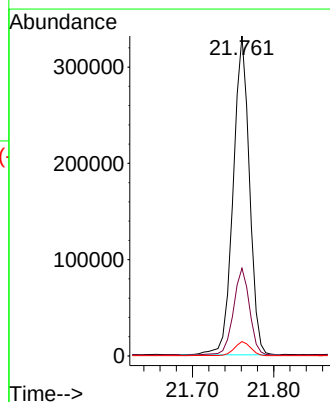
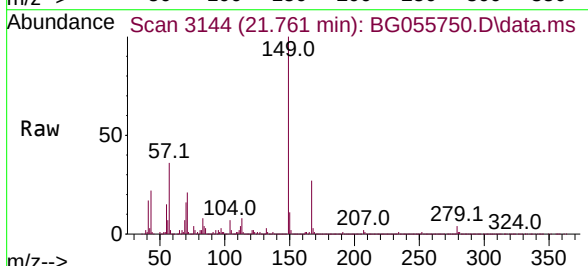
Delta R.T. 0.007 min

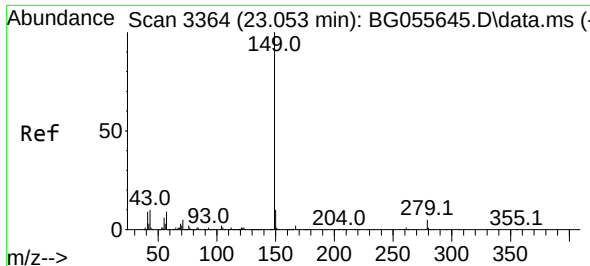
Lab File: BG055750.D

Acq: 22 Nov 2022 22:03

Tgt Ion:149 Resp: 460926

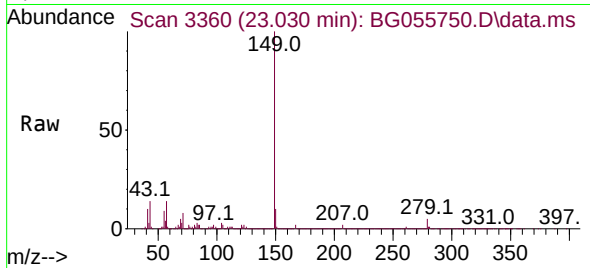
Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.0	33.0
279	4.5	3.7	5.5





#85
Di-n-octyl phthalate
Concen: 49.191 ng
RT: 23.030 min Scan# 3364
Delta R.T. 0.001 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

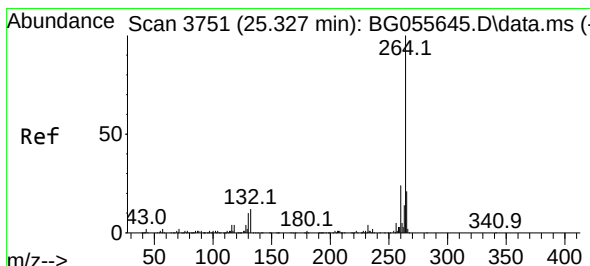
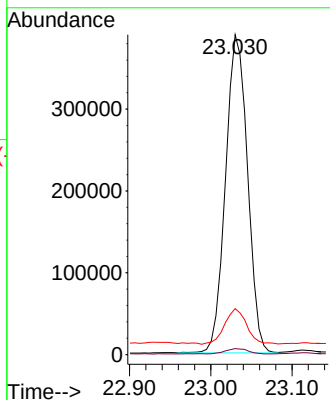
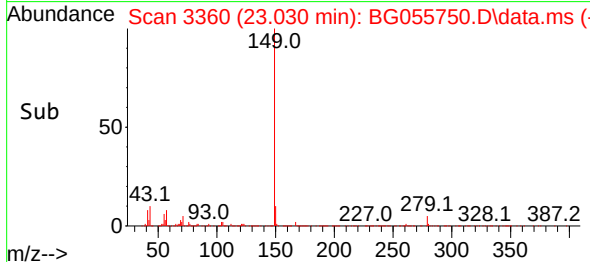
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



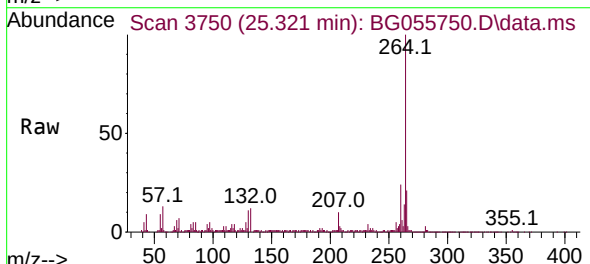
Tgt Ion:149 Resp: 732897
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.1 8.4 12.6

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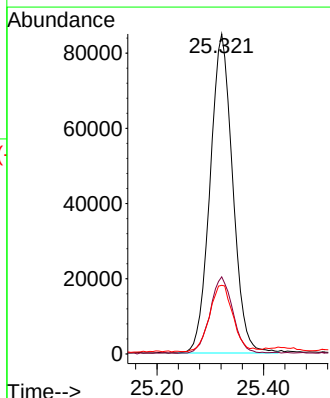
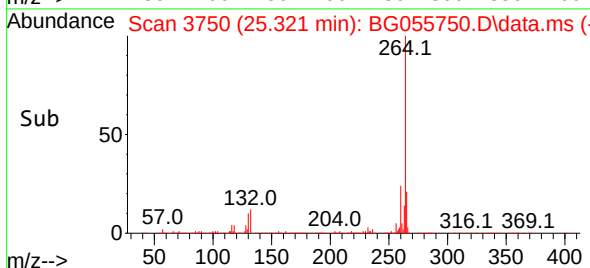
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

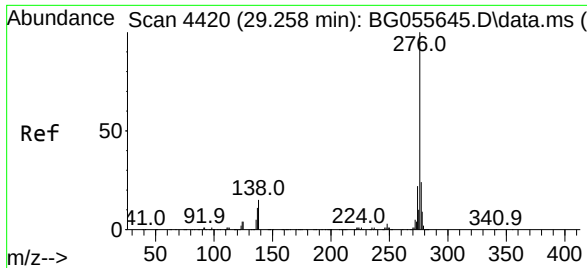


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.321 min Scan# 3750
Delta R.T. 0.019 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



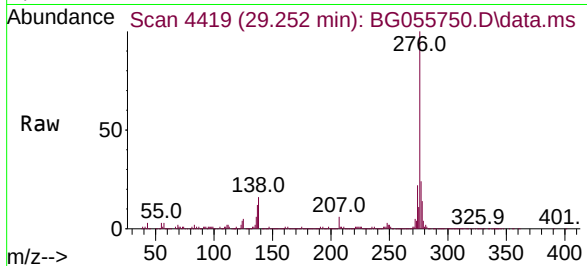
Tgt Ion:264 Resp: 249913
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.4 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.040 ng
 RT: 29.252 min Scan# 4419
 Delta R.T. 0.019 min
 Lab File: BG055750.D
 Acq: 22 Nov 2022 22:03

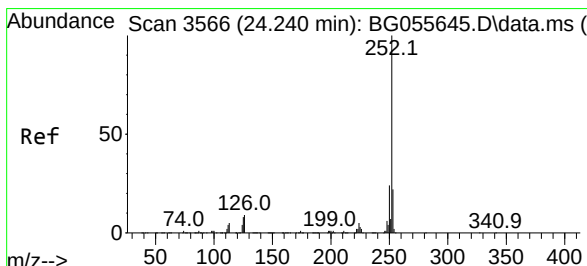
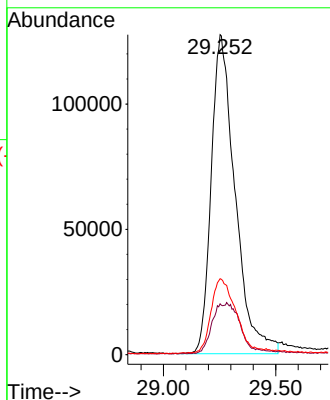
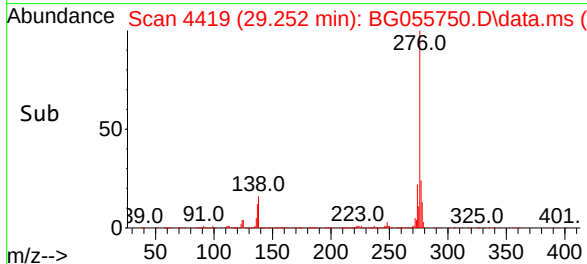
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-228MSD



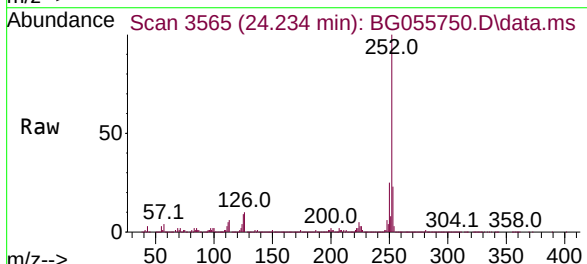
Tgt Ion:276 Resp: 942600
 Ion Ratio Lower Upper
 276 100
 138 7.4 10.4 15.6
 277 23.8 20.2 30.4

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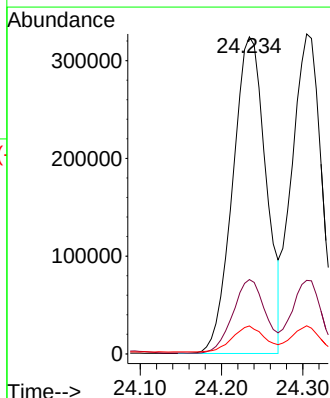
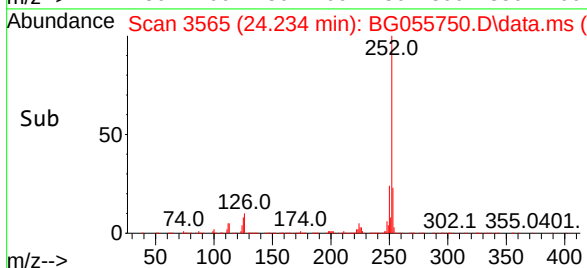
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

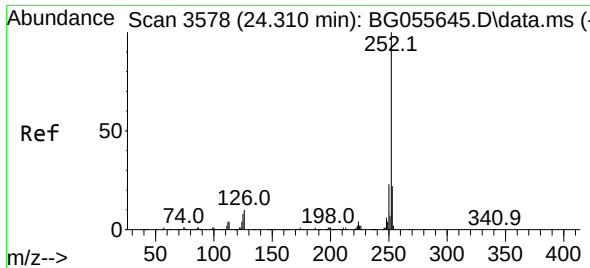


#88
 Benzo(b)fluoranthene
 Concen: 56.780 ng
 RT: 24.234 min Scan# 3565
 Delta R.T. 0.013 min
 Lab File: BG055750.D
 Acq: 22 Nov 2022 22:03



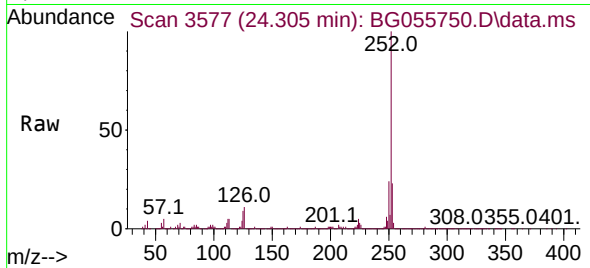
Tgt Ion:252 Resp: 924137
 Ion Ratio Lower Upper
 252 100
 253 23.5 18.0 27.0
 125 8.8 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 51.130 ng
RT: 24.305 min Scan# 31
Delta R.T. 0.013 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

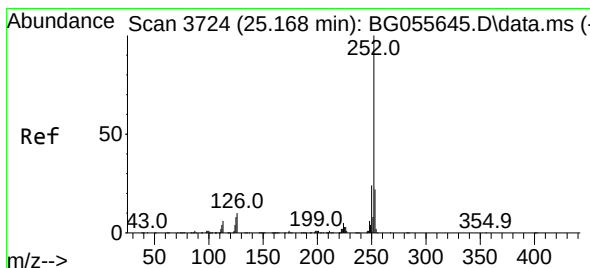
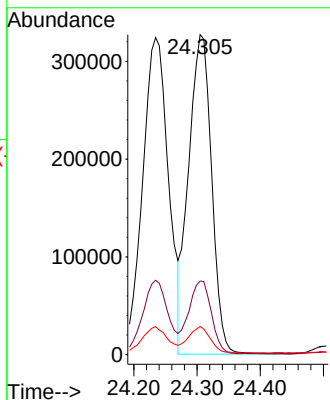
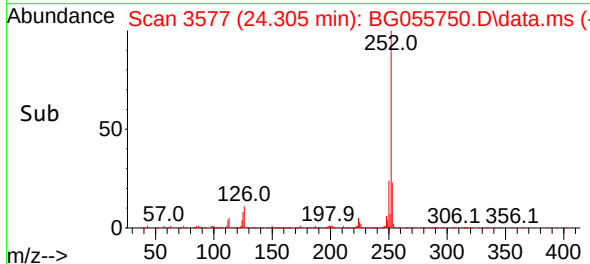
Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD



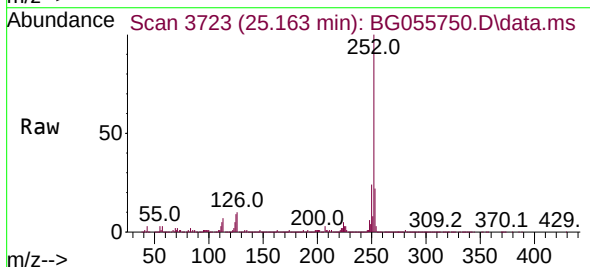
Tgt Ion:252 Resp: 829513
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 8.8 6.1 9.1

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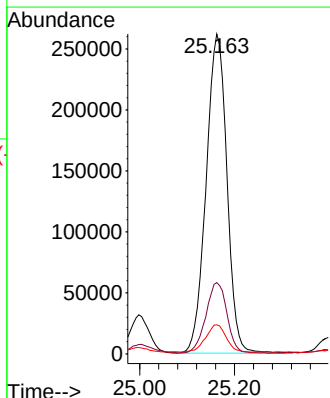
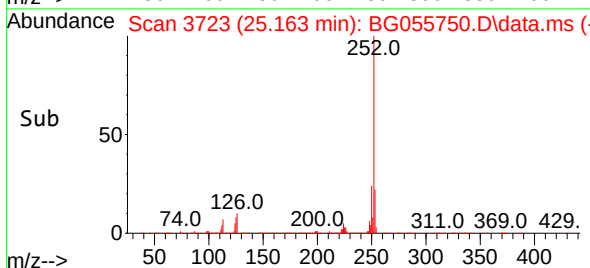
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

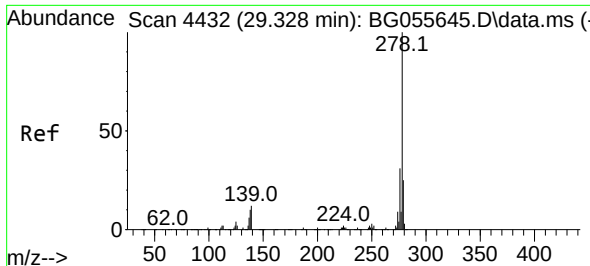


#90
Benzo(a)pyrene
Concen: 57.067 ng
RT: 25.163 min Scan# 3723
Delta R.T. 0.013 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03



Tgt Ion:252 Resp: 797041
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 9.1 6.4 9.6





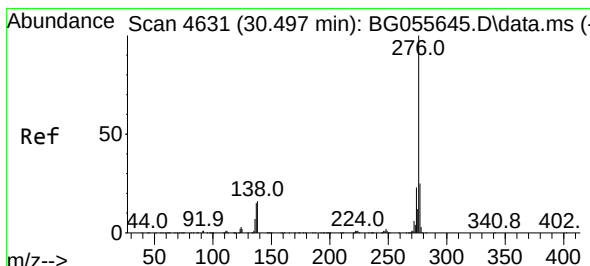
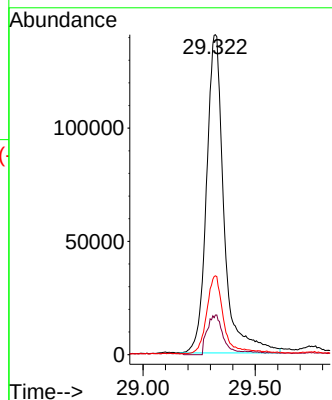
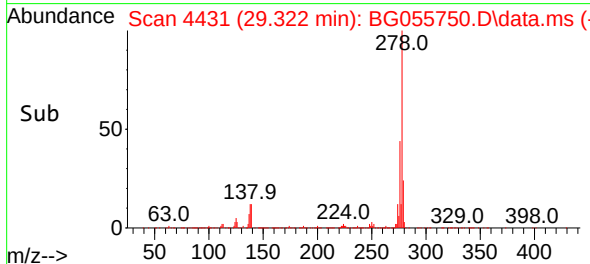
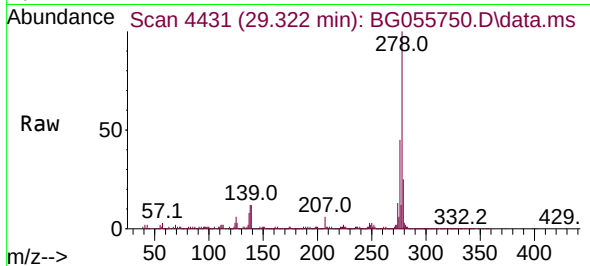
#91
Dibenzo(a,h)anthracene
Concen: 45.500 ng
RT: 29.322 min Scan# 4432
Delta R.T. 0.031 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Instrument :
BNA_G
ClientSampleId :
VNJ-228MSD

Tgt Ion:278 Resp: 761230
Ion Ratio Lower Upper
278 100
139 12.4 9.8 14.8
279 24.7 19.8 29.6

Manual Integrations
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Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#92
Benzo(g,h,i)perylene
Concen: 45.166 ng
RT: 30.498 min Scan# 4631
Delta R.T. 0.037 min
Lab File: BG055750.D
Acq: 22 Nov 2022 22:03

Tgt Ion:276 Resp: 761599
Ion Ratio Lower Upper
276 100
277 23.6 19.8 29.6
138 16.2 13.1 19.7

