

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055160.D
 Acq On : 13 Oct 2022 12:09
 Operator : CG/JU
 Sample : PB148287BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148287BS

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 10/14/2022
 Supervised By : Jagrut Upadhyay 10/14/2022

Quant Time: Oct 14 01:21:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	27240	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	133115	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	109313	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	290110	20.000	ng	0.00
76) Chrysene-d12	21.930	240	282424	20.000	ng	0.00
86) Perylene-d12	25.344	264	296262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	217993	156.571	ng	0.00
7) Phenol-d6	7.436	99	302267	146.761	ng	0.00
23) Nitrobenzene-d5	9.474	82	185643	74.785	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	200003	127.334	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	491684	73.476	ng	0.00
79) Terphenyl-d14	20.221	244	1112957	79.367	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.640	88	19120	32.454	ng	94
3) Pyridine	4.051	79	54092	29.117	ng	99
4) n-Nitrosodimethylamine	3.963	42	37329	37.866	ng	97
6) Aniline	7.612	93	113696	42.990	ng	98
8) 2-Chlorophenol	7.859	128	79078	46.576	ng	99
9) Benzaldehyde	7.424	77	50398	36.385	ng	94
10) Phenol	7.459	94	106217	46.420	ng	97
11) bis(2-Chloroethyl)ether	7.706	93	68613	42.395	ng	97
12) 1,3-Dichlorobenzene	8.188	146	78185	39.621	ng	97
13) 1,4-Dichlorobenzene	8.340	146	80084	40.196	ng	96
14) 1,2-Dichlorobenzene	8.664	146	80859	42.380	ng	98
15) Benzyl Alcohol	8.534	79	83574	45.389	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.828	45	114627	42.368	ng	98
17) 2-Methylphenol	8.728	107	74335	45.153	ng	95
18) Hexachloroethane	9.404	117	27411	40.585	ng	96
19) n-Nitroso-di-n-propyla...	9.104	70	68459	41.186	ng	98
20) 3+4-Methylphenols	9.057	107	103290	43.728	ng	96
22) Acetophenone	9.128	105	126048	38.244	ng	# 99
24) Nitrobenzene	9.515	77	97006	37.772	ng	99
25) Isophorone	10.038	82	189827	39.377	ng	99
26) 2-Nitrophenol	10.232	139	48326	39.716	ng	97
27) 2,4-Dimethylphenol	10.273	122	86931	46.977	ng	98
28) bis(2-Chloroethoxy)met...	10.514	93	101101	42.317	ng	99
29) 2,4-Dichlorophenol	10.767	162	89906	40.651	ng	100
30) 1,2,4-Trichlorobenzene	10.990	180	85781	35.956	ng	98
31) Naphthalene	11.184	128	256819	36.685	ng	99
32) Benzoic acid	10.397	122	52923	34.717	ng	96
33) 4-Chloroaniline	11.278	127	98940	32.880	ng	95
34) Hexachlorobutadiene	11.460	225	53094	34.903	ng	98
35) Caprolactam	12.042	113	37736m	41.533	ng	
36) 4-Chloro-3-methylphenol	12.371	107	104337	41.834	ng	96
37) 2-Methylnaphthalene	12.765	142	193022	36.820	ng	99
38) 1-Methylnaphthalene	12.982	142	187279	36.616	ng	100
40) 1,2,4,5-Tetrachloroben...	13.123	216	113236	36.727	ng	98
41) Hexachlorocyclopentadiene	13.105	237	140394	91.131	ng	98
43) 2,4,6-Trichlorophenol	13.352	196	83421	37.226	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.423	196	95951	38.586	ng	98
46) 1,1'-Biphenyl	13.752	154	274244	37.788	ng	99
47) 2-Chloronaphthalene	13.799	162	215921	36.780	ng	98
48) 2-Nitroaniline	13.987	65	81607	38.965	ng	94
49) Acenaphthylene	14.639	152	364394	36.975	ng	99
50) Dimethylphthalate	14.357	163	323771	36.847	ng	100
51) 2,6-Dinitrotoluene	14.474	165	70611	39.050	ng	98
52) Acenaphthene	14.974	154	267734	41.996	ng	99
53) 3-Nitroaniline	14.803	138	69608	33.203	ng	98
54) 2,4-Dinitrophenol	15.009	184	94783	86.169	ng	88
55) Dibenzofuran	15.309	168	369444	37.143	ng	97
56) 4-Nitrophenol	15.097	139	138214	84.663	ng	96
57) 2,4-Dinitrotoluene	15.256	165	105990	40.020	ng	98
58) Fluorene	15.949	166	303127	37.116	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.526	232	93910	38.270	ng	100
60) Diethylphthalate	15.708	149	347196	37.513	ng	98
61) 4-Chlorophenyl-phenylether	15.937	204	165396	37.822	ng	98
62) 4-Nitroaniline	15.961	138	85397	37.730	ng	96
63) Azobenzene	16.225	77	297747	37.893	ng	99
65) 4,6-Dinitro-2-methylph...	16.014	198	65431	38.371	ng	98
66) n-Nitrosodiphenylamine	16.149	169	285486	37.302	ng	100
67) 4-Bromophenyl-phenylether	16.830	248	117948	37.295	ng	97
68) Hexachlorobenzene	16.954	284	134355	36.962	ng	96
69) Atrazine	17.083	200	130357	43.203	ng	99
70) Pentachlorophenol	17.289	266	168426	77.769	ng	95
71) Phenanthrene	17.688	178	555774	36.934	ng	99
72) Anthracene	17.782	178	560529	38.116	ng	99
73) Carbazole	18.041	167	530452	38.741	ng	98
74) Di-n-butylphthalate	18.575	149	637328	37.810	ng	99
75) Fluoranthene	19.674	202	703694	37.410	ng	99
77) Benzidine	19.845	184	436390	68.903	ng	99
78) Pyrene	20.033	202	700381	37.201	ng	98
80) Butylbenzylphthalate	20.896	149	280120	38.758	ng	98
81) Benzo(a)anthracene	21.907	228	669624	37.057	ng	99
82) 3,3'-Dichlorobenzidine	21.813	252	228519	36.849	ng	99
83) Chrysene	21.983	228	627237	36.797	ng	100
84) Bis(2-ethylhexyl)phtha...	21.789	149	401429	38.992	ng	100
85) Di-n-octyl phthalate	23.070	149	675249	39.341	ng	99
87) Indeno(1,2,3-cd)pyrene	29.281	276	830667	37.851	ng	# 96
88) Benzo(b)fluoranthene	24.257	252	728898	41.279	ng	99
89) Benzo(k)fluoranthene	24.328	252	698559	39.376	ng	98
90) Benzo(a)pyrene	25.185	252	638182	42.265	ng	99
91) Dibenzo(a,h)anthracene	29.351	278	721661	39.739	ng	100
92) Benzo(g,h,i)perylene	30.526	276	709826	39.902	ng	98

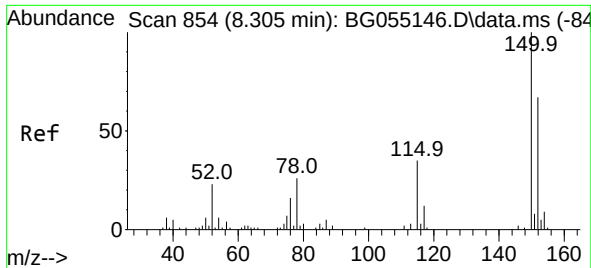
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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Upadhyay

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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.299 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG055160.D
 Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

Tgt Ion:152 Resp: 27240
 Ion Ratio Lower Upper
 152 100
 150 157.9 119.7 179.5
 115 62.6 42.4 63.6

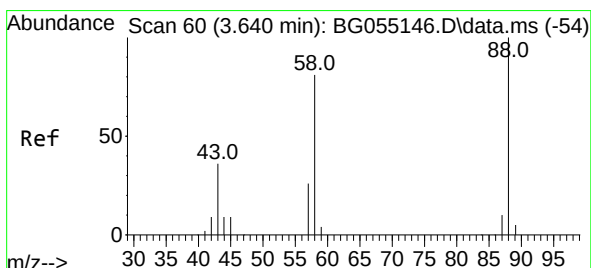
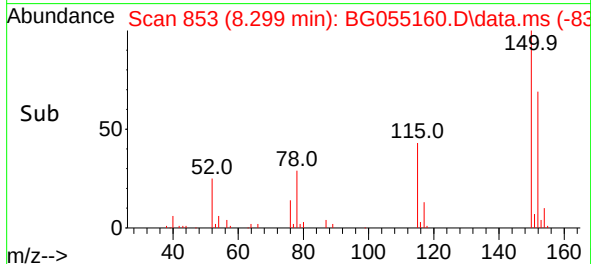
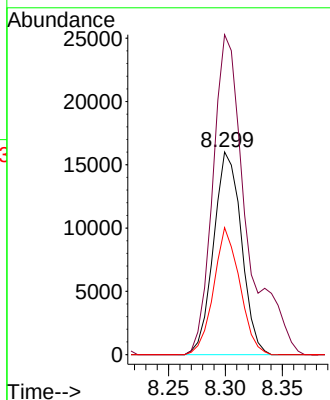
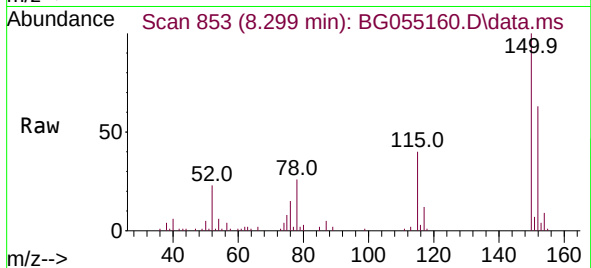
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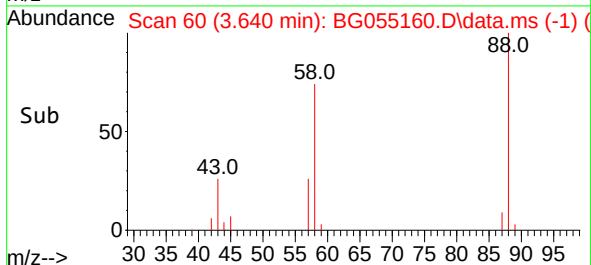
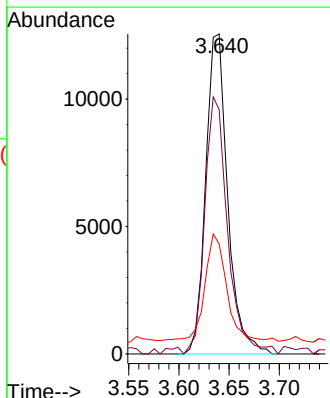
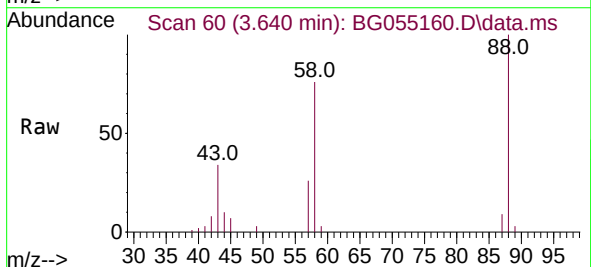
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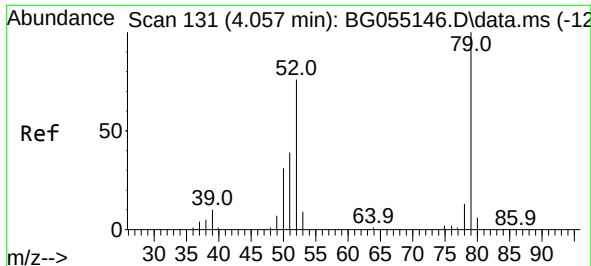
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#2
 1,4-Dioxane
 Concen: 32.454 ng
 RT: 3.640 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BG055160.D
 Acq: 13 Oct 2022 12:09

Tgt Ion: 88 Resp: 19120
 Ion Ratio Lower Upper
 88 100
 58 83.3 61.0 91.4
 43 33.9 26.5 39.7





#3
Pyridine
Concen: 29.117 ng
RT: 4.051 min Scan# 131
Delta R.T. -0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS

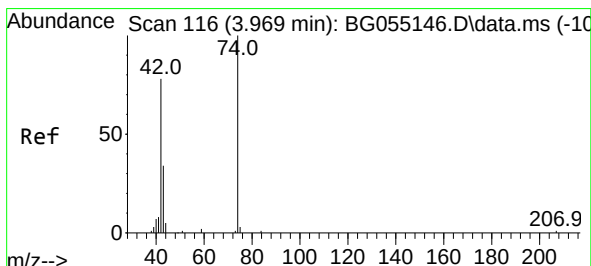
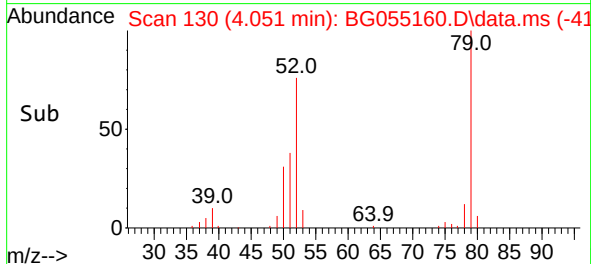
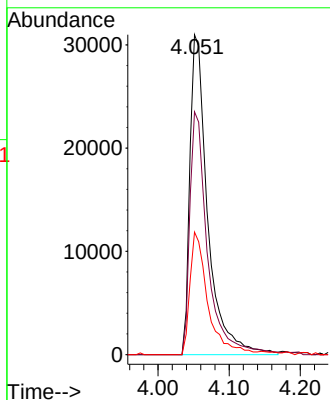
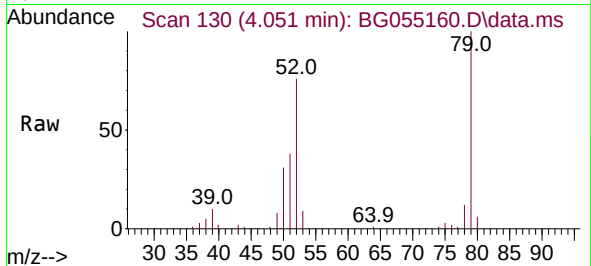
Tgt Ion: 79 Resp: 54092
Ion Ratio Lower Upper
79 100
52 75.9 60.9 91.3
51 38.3 31.6 47.4

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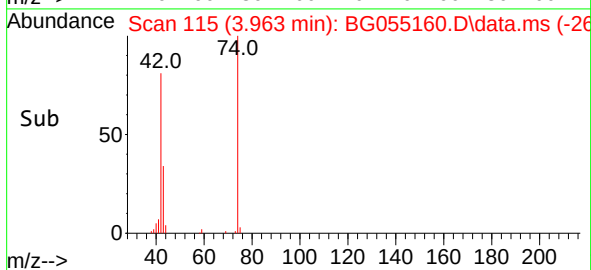
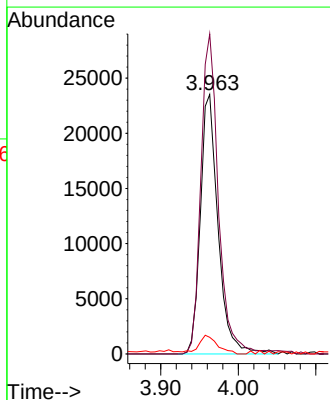
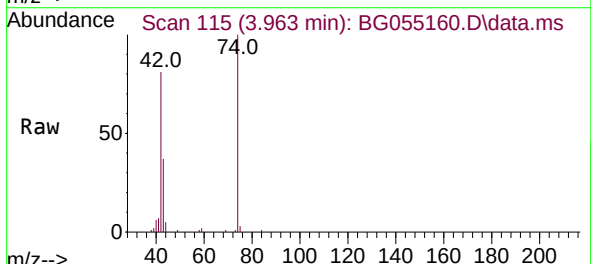
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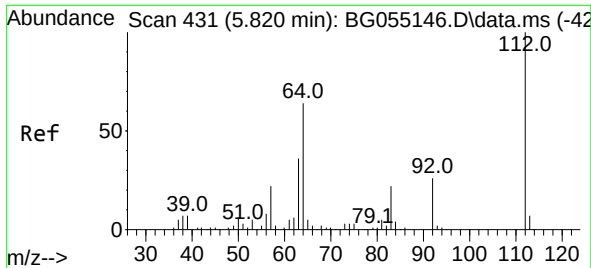
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#4
n-Nitrosodimethylamine
Concen: 37.866 ng
RT: 3.963 min Scan# 115
Delta R.T. -0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion: 42 Resp: 37329
Ion Ratio Lower Upper
42 100
74 123.3 101.9 152.9
44 6.4 5.5 8.3





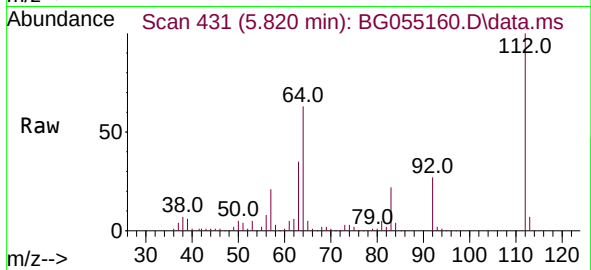
#5
2-Fluorophenol
Concen: 156.571 ng
RT: 5.820 min Scan# 431
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

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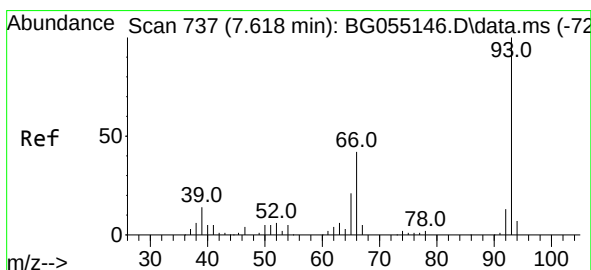
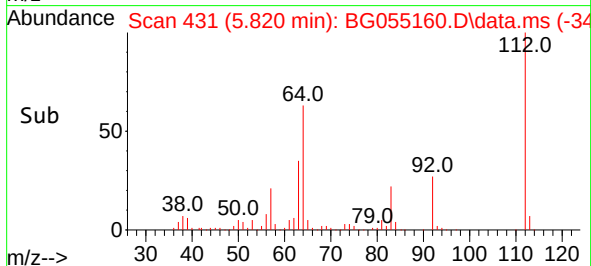
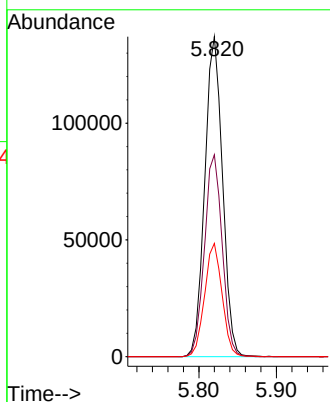
Tgt Ion:112 Resp: 217993
Ion Ratio Lower Upper
112 100
64 63.1 50.9 76.3
63 35.4 29.0 43.6

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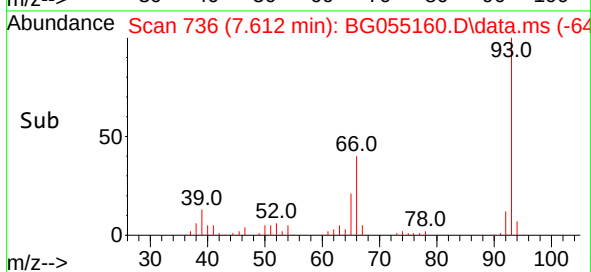
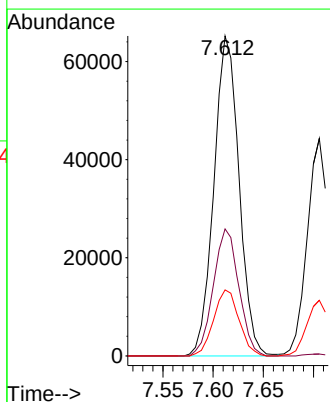
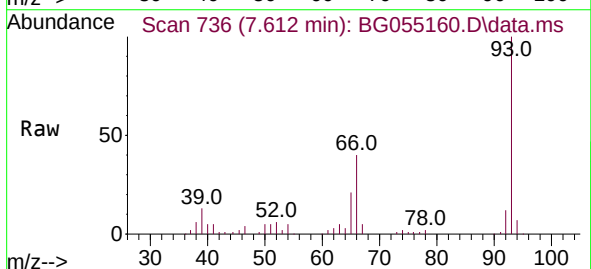
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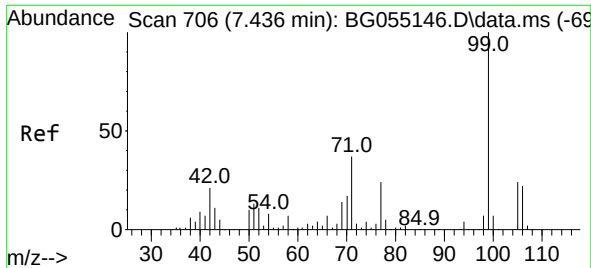
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#6
Aniline
Concen: 42.990 ng
RT: 7.612 min Scan# 736
Delta R.T. -0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

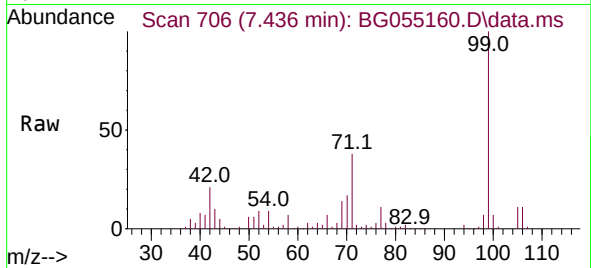
Tgt Ion: 93 Resp: 113696
Ion Ratio Lower Upper
93 100
66 39.7 33.3 49.9
65 20.6 16.6 25.0





#7
Phenol-d6
Concen: 146.761 ng
RT: 7.436 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

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PB148287BS



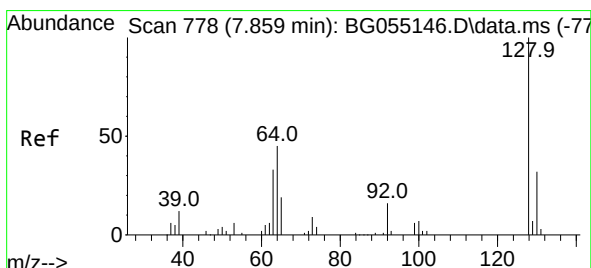
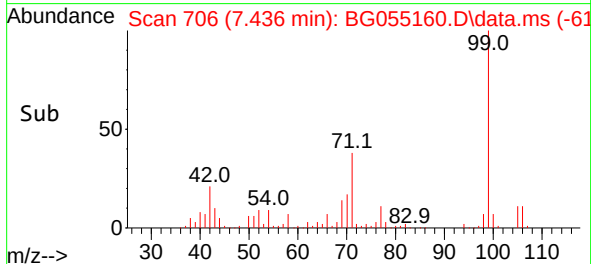
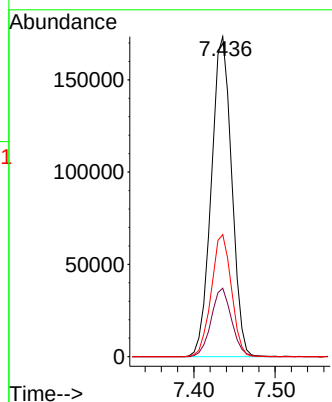
Tgt Ion: 99 Resp: 302262
Ion Ratio Lower Upper
99 100
42 21.4 16.6 25.0
71 38.1 29.6 44.4

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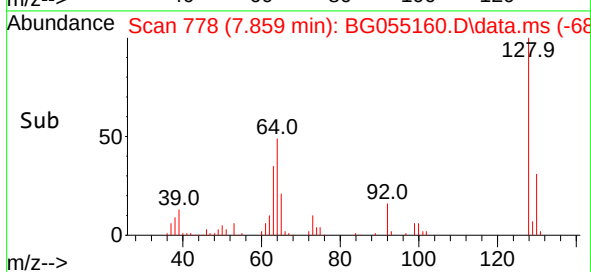
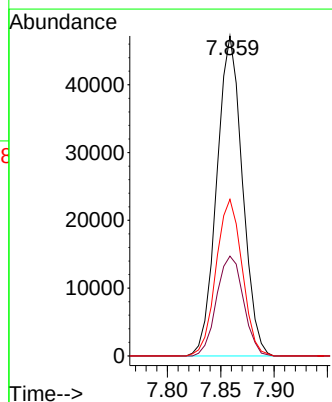
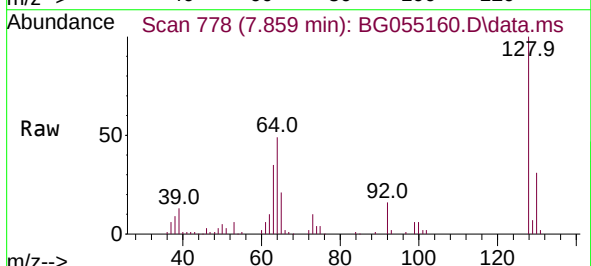
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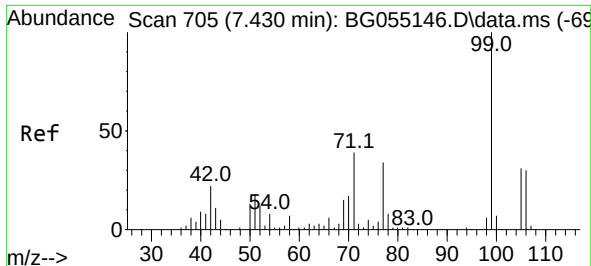
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#8
2-Chlorophenol
Concen: 46.576 ng
RT: 7.859 min Scan# 778
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:128 Resp: 79078
Ion Ratio Lower Upper
128 100
130 31.2 11.8 51.8
64 48.9 29.7 69.7





#9
Benzaldehyde
Concen: 36.385 ng
RT: 7.424 min Scan# 704
Delta R.T. -0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

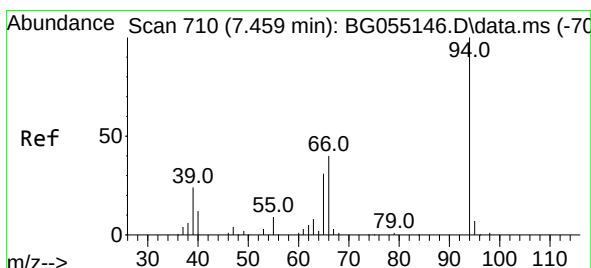
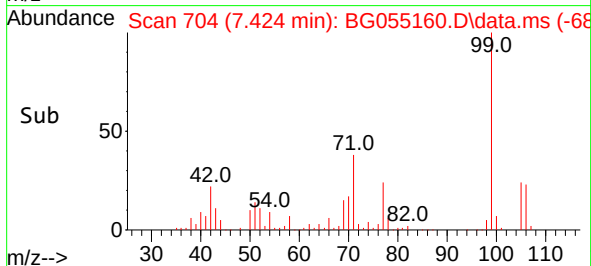
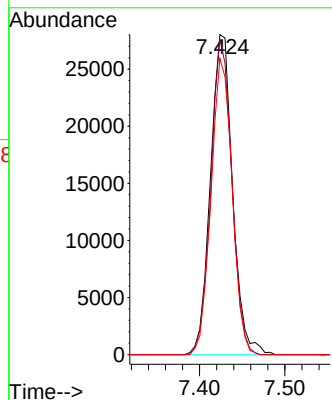
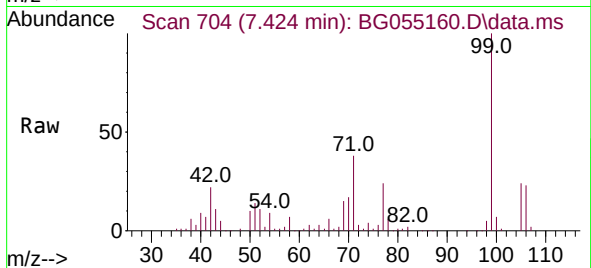
Tgt Ion: 77 Resp: 50398
Ion Ratio Lower Upper
77 100
105 98.5 71.2 111.2
106 92.5 68.6 108.6

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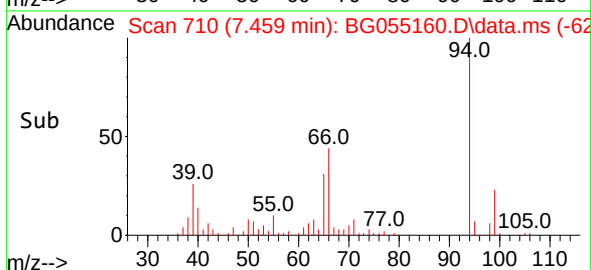
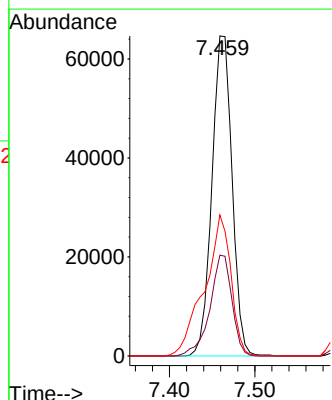
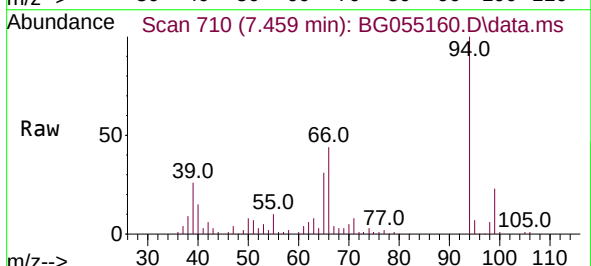
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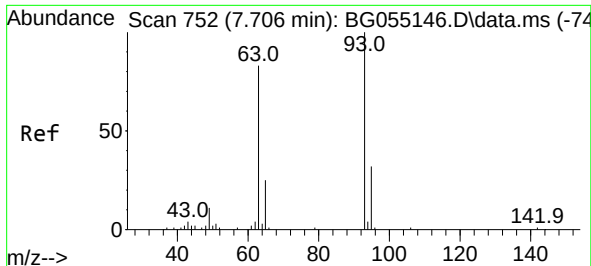
10/14/2022



#10
Phenol
Concen: 46.420 ng
RT: 7.459 min Scan# 710
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion: 94 Resp: 106217
Ion Ratio Lower Upper
94 100
65 31.5 11.2 51.2
66 44.0 21.5 61.5





#11
bis(2-Chloroethyl)ether
Concen: 42.395 ng
RT: 7.706 min Scan# 752
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

Tgt Ion: 93 Resp: 68613
Ion Ratio Lower Upper
93 100
63 78.3 62.3 102.3
95 32.1 12.0 52.0

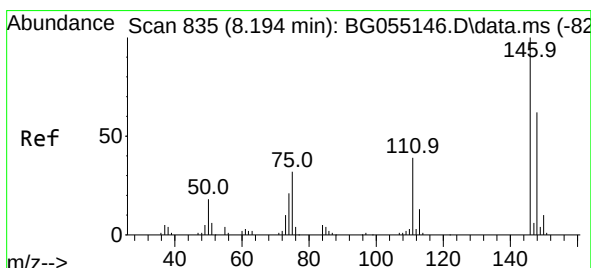
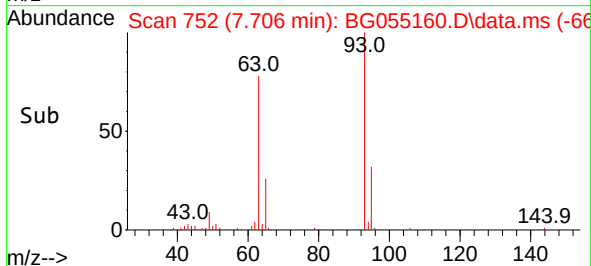
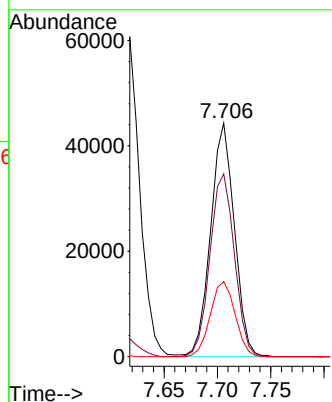
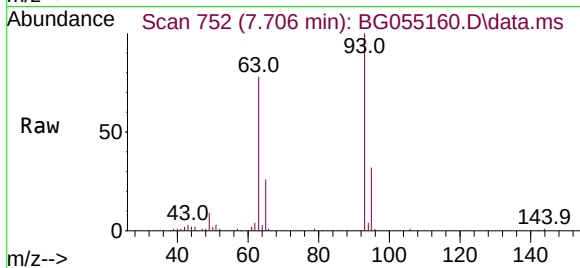
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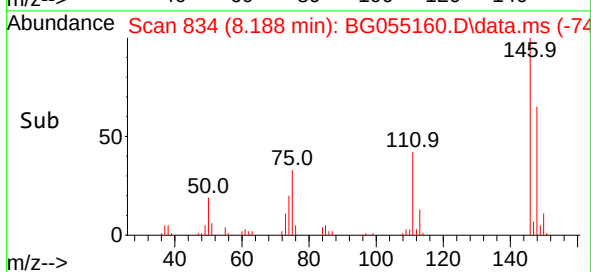
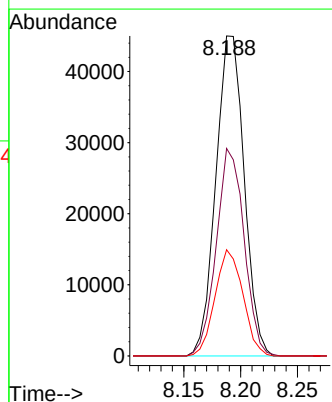
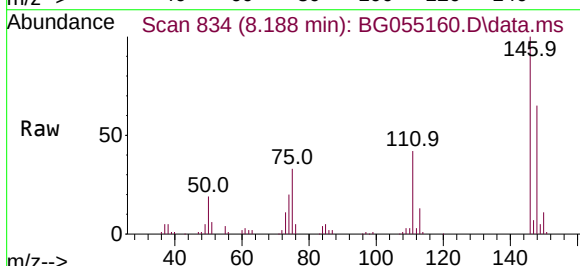
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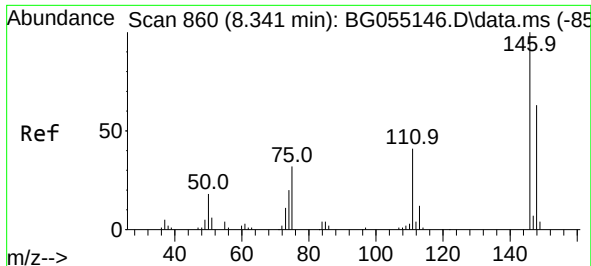
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#12
1,3-Dichlorobenzene
Concen: 39.621 ng
RT: 8.188 min Scan# 834
Delta R.T. -0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

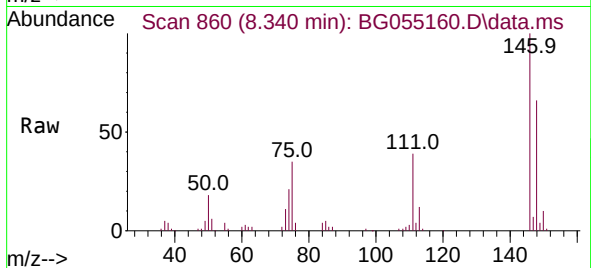
Tgt Ion:146 Resp: 78185
Ion Ratio Lower Upper
146 100
148 64.8 49.6 74.4
75 33.2 25.8 38.8





#13
1,4-Dichlorobenzene
Concen: 40.196 ng
RT: 8.340 min Scan# 860
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS



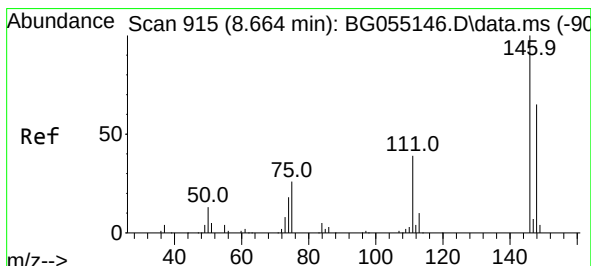
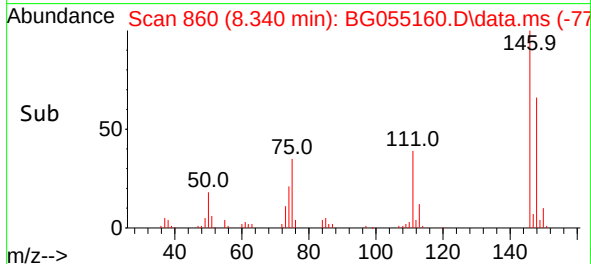
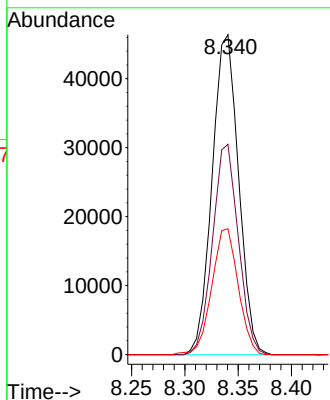
Tgt Ion:146 Resp: 80084
Ion Ratio Lower Upper
146 100
148 65.7 50.2 75.2
111 39.3 33.0 49.6

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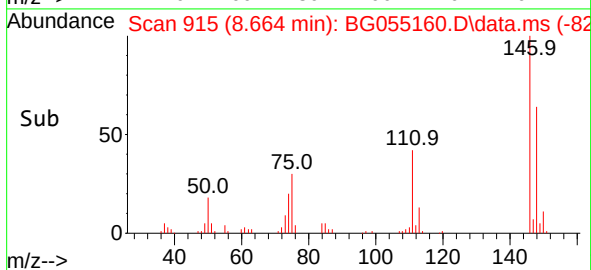
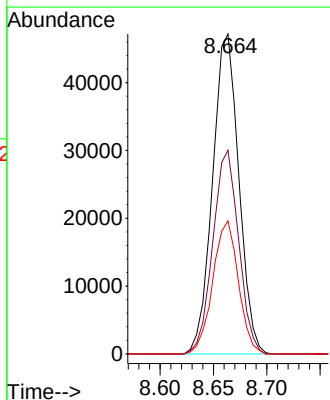
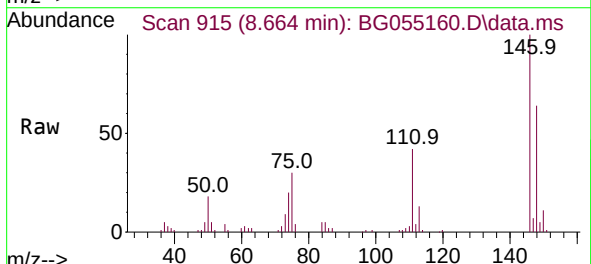
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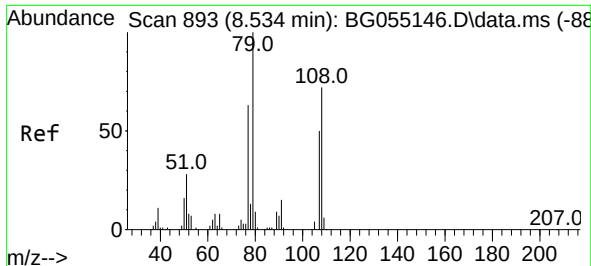
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#14
1,2-Dichlorobenzene
Concen: 42.380 ng
RT: 8.664 min Scan# 915
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

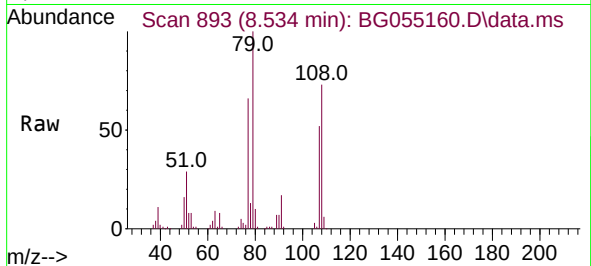
Tgt Ion:146 Resp: 80859
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
111 41.6 32.1 48.1





#15
Benzyl Alcohol
Concen: 45.389 ng
RT: 8.534 min Scan# 893
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS



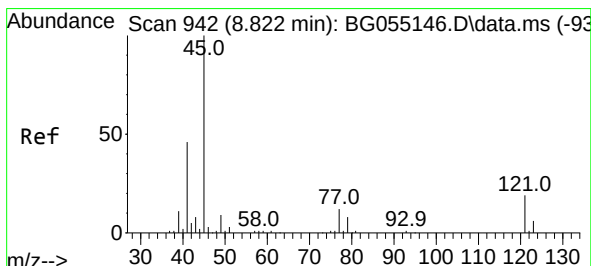
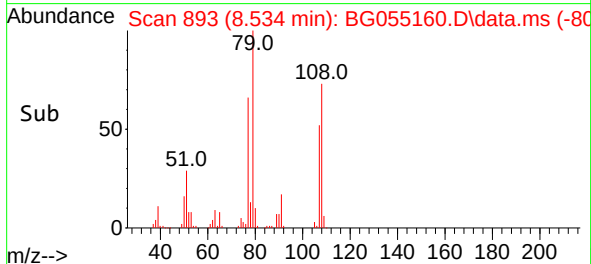
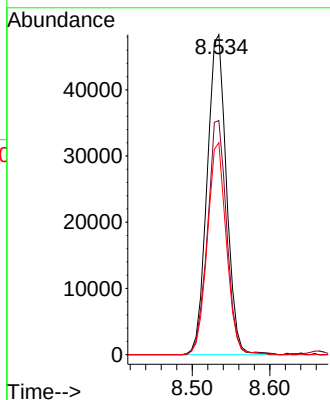
Tgt Ion: 79 Resp: 83574
Ion Ratio Lower Upper
79 100
108 73.1 58.0 87.0
77 66.2 50.6 75.8

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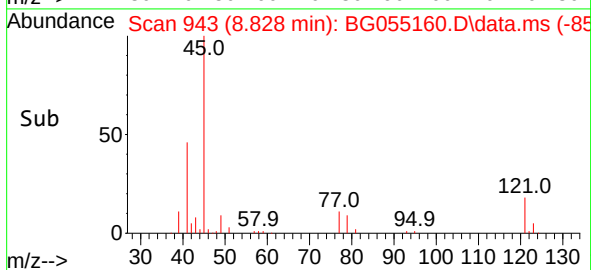
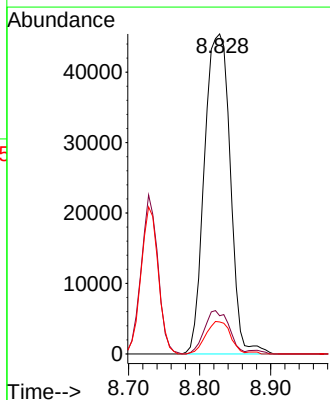
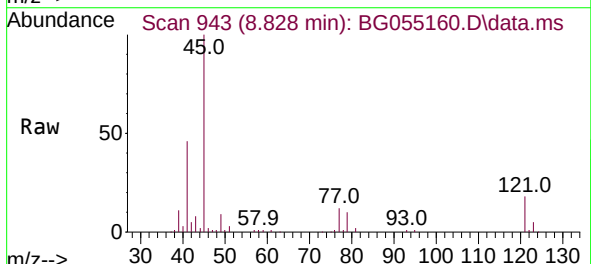
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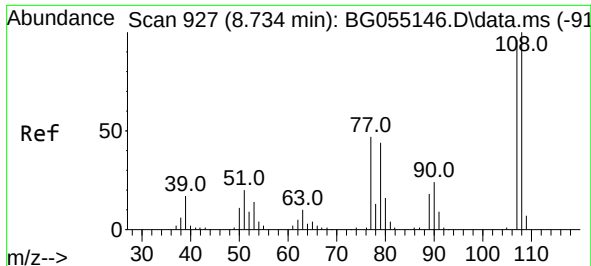
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.368 ng
RT: 8.828 min Scan# 943
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion: 45 Resp: 114627
Ion Ratio Lower Upper
45 100
77 11.9 0.0 32.0
79 10.0 0.0 28.6





#17
2-Methylphenol
Concen: 45.153 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

Tgt Ion:107 Resp: 74335
Ion Ratio Lower Upper
107 100
108 110.1 83.4 125.0
77 52.0 39.0 58.6
79 48.0 36.6 54.8

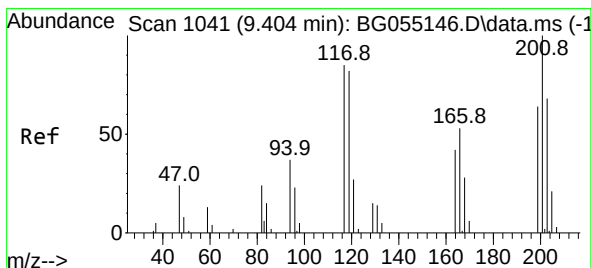
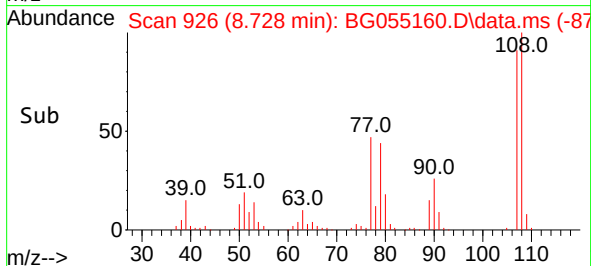
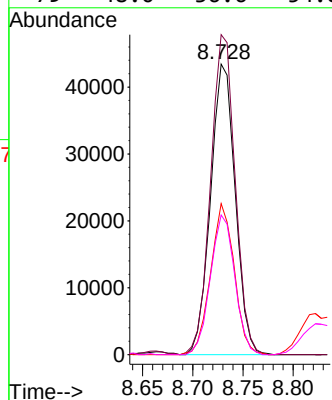
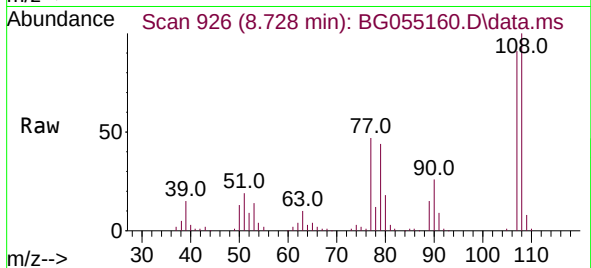
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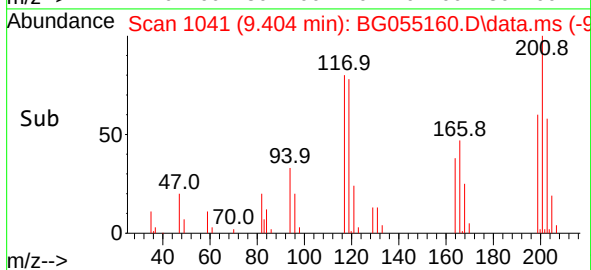
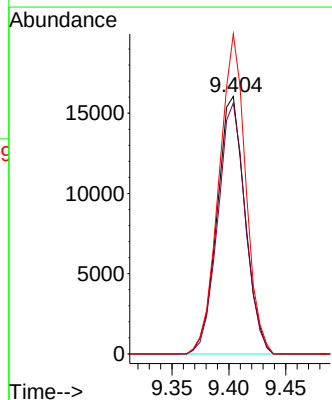
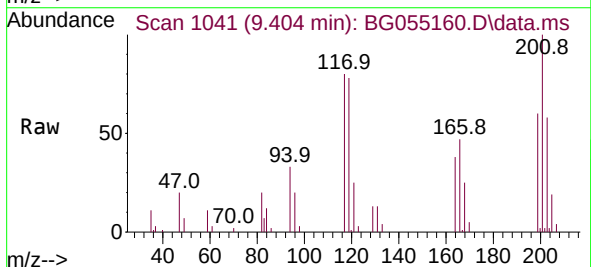
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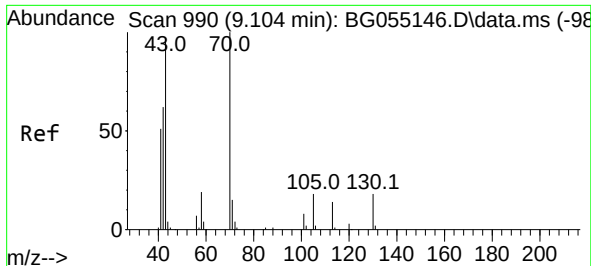
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#18
Hexachloroethane
Concen: 40.585 ng
RT: 9.404 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:117 Resp: 27411
Ion Ratio Lower Upper
117 100
119 97.4 76.8 115.2
201 124.3 93.8 140.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.186 ng

RT: 9.104 min Scan# 990

Delta R.T. -0.000 min

Lab File: BG055160.D

Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

Tgt Ion: 70 Resp: 68459

Ion Ratio Lower Upper

70 100

42 63.2 50.1 75.1

101 9.9 6.6 10.0

130 21.2 14.7 22.1

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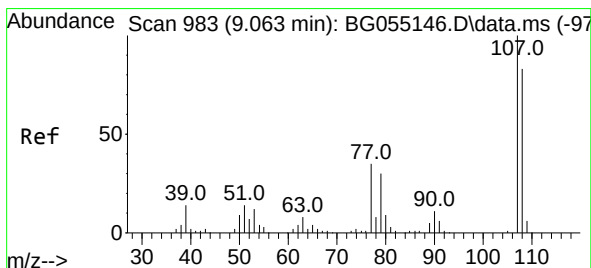
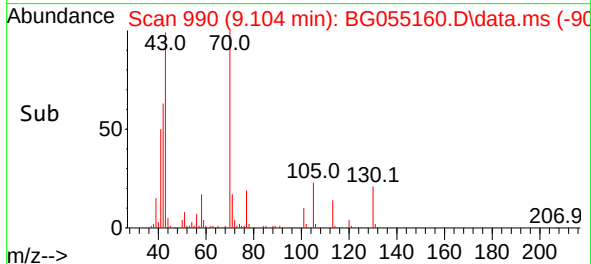
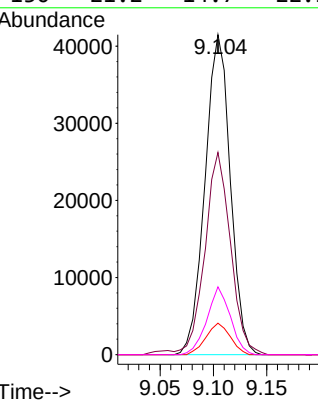
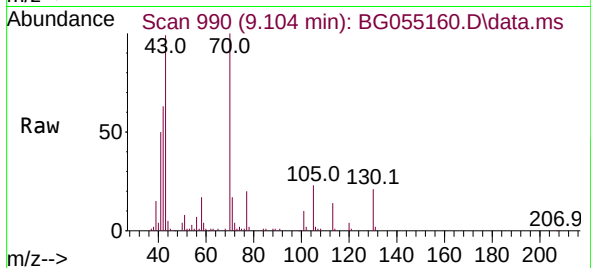
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#20

3+4-Methylphenols

Concen: 43.728 ng

RT: 9.057 min Scan# 982

Delta R.T. -0.006 min

Lab File: BG055160.D

Acq: 13 Oct 2022 12:09

Tgt Ion:107 Resp: 103290

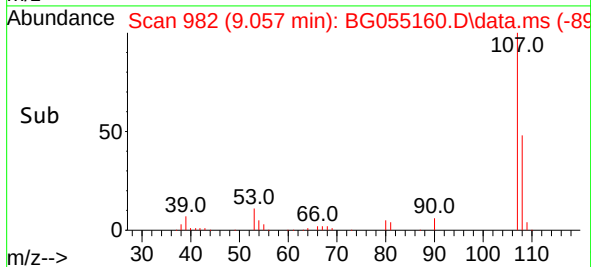
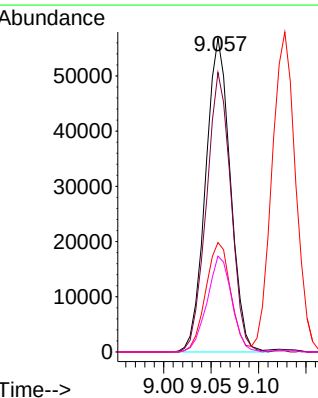
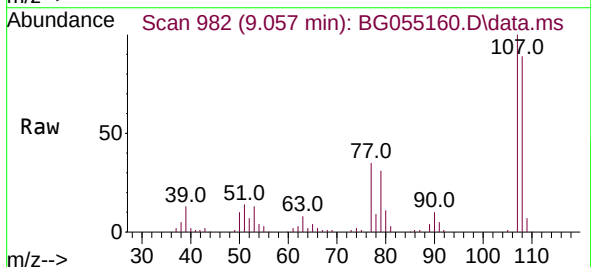
Ion Ratio Lower Upper

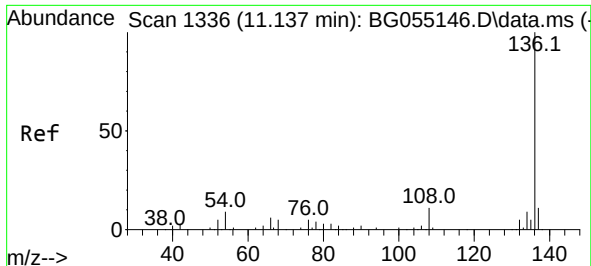
107 100

108 89.1 63.1 103.1

77 34.9 15.1 55.1

79 30.5 10.1 50.1





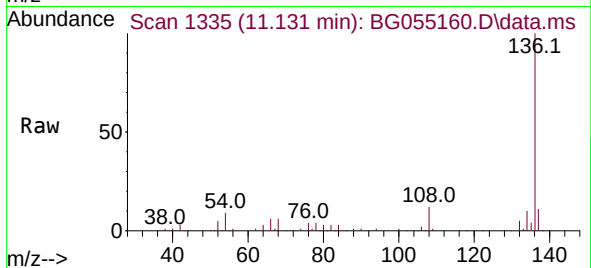
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.131 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS



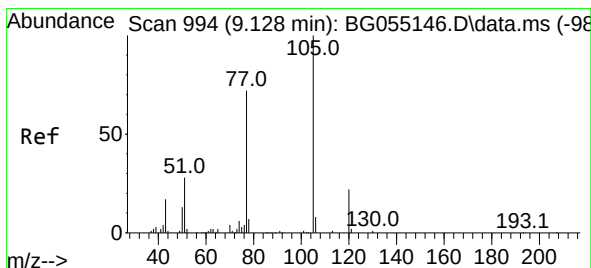
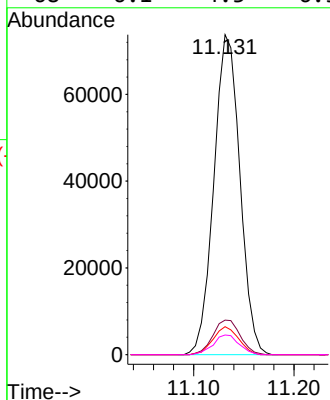
Tgt Ion:136 Resp: 133115
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.7 7.0 10.6
68 6.1 4.3 6.5

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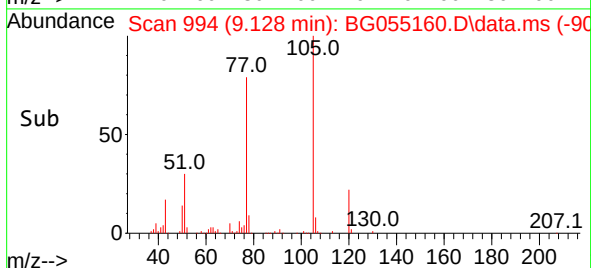
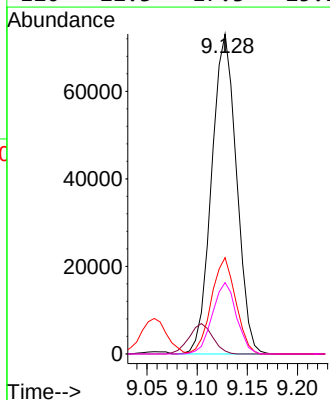
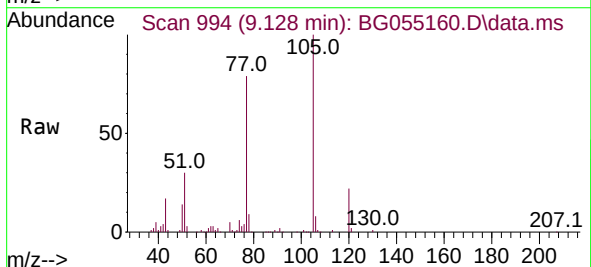
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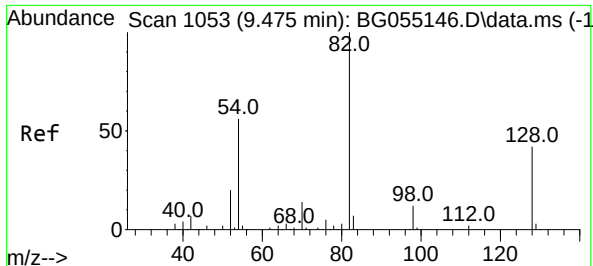
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#22
Acetophenone
Concen: 38.244 ng
RT: 9.128 min Scan# 994
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:105 Resp: 126048
Ion Ratio Lower Upper
105 100
71 0.9 1.3 1.9#
51 30.1 23.8 35.6
120 22.3 17.3 25.9





#23

Nitrobenzene-d5

Concen: 74.785 ng

RT: 9.474 min Scan# 1053

Delta R.T. -0.000 min

Lab File: BG055160.D

Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

Tgt Ion: 82 Resp: 18564

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.5	50.3
54	53.4	44.7	67.1

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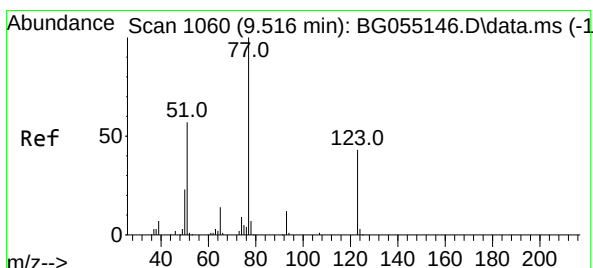
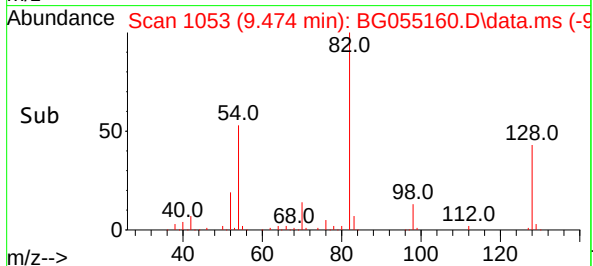
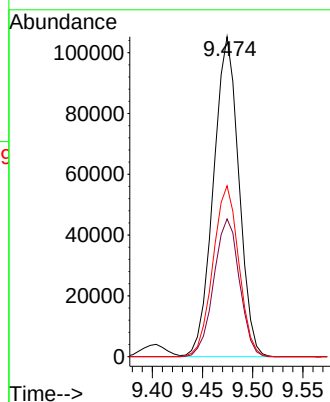
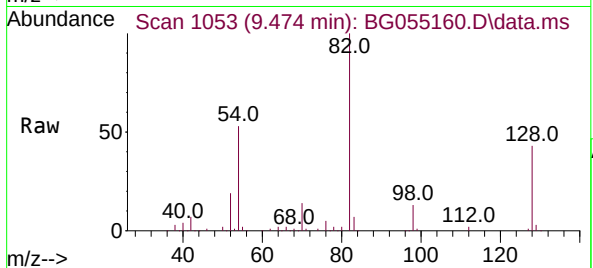
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#24

Nitrobenzene

Concen: 37.772 ng

RT: 9.515 min Scan# 1060

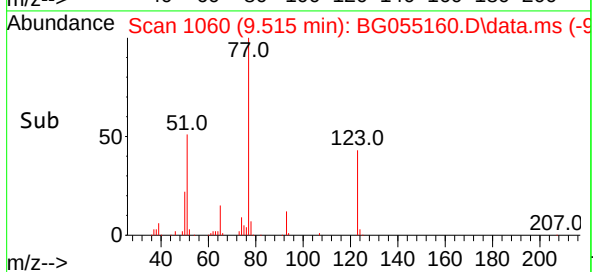
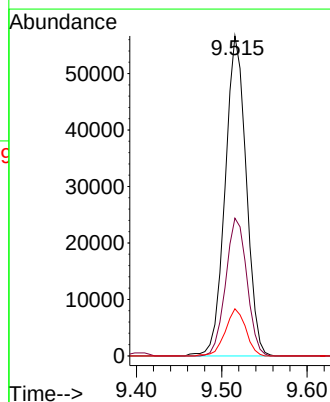
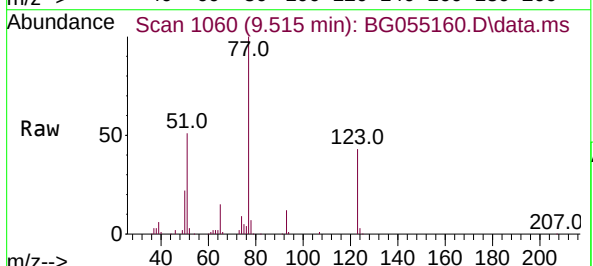
Delta R.T. -0.000 min

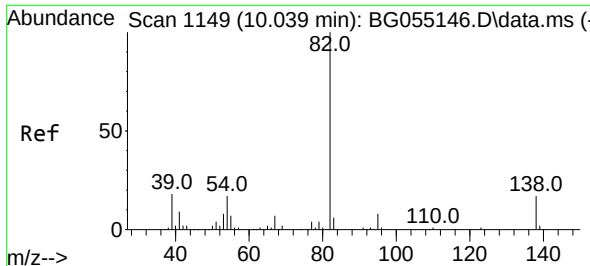
Lab File: BG055160.D

Acq: 13 Oct 2022 12:09

Tgt Ion: 77 Resp: 97006

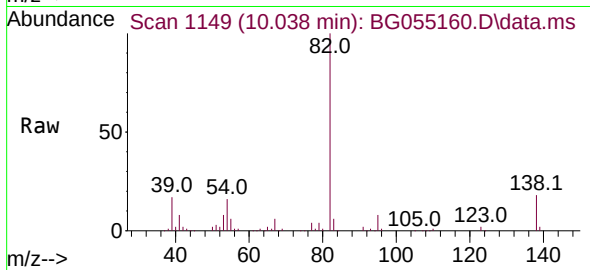
Ion	Ratio	Lower	Upper
77	100		
123	43.0	34.2	51.4
65	14.7	11.4	17.0





#25
Isophorone
Concen: 39.377 ng
RT: 10.038 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS



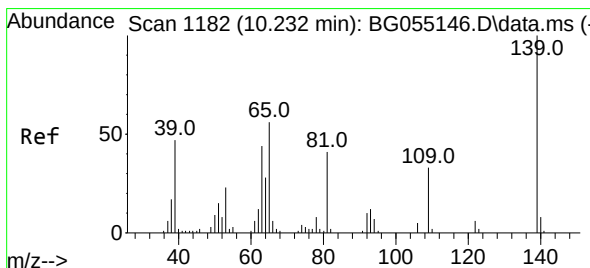
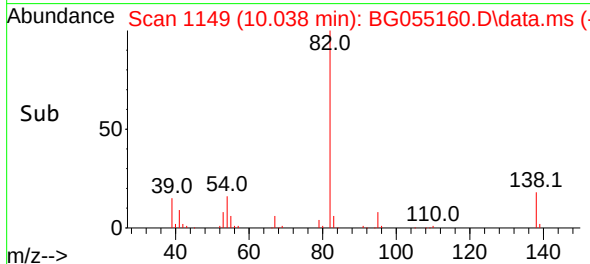
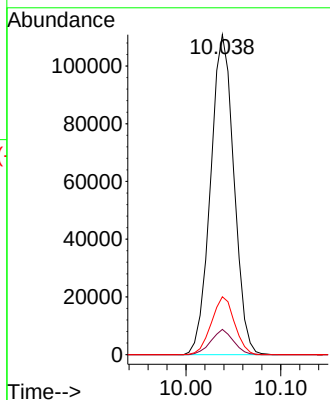
Tgt Ion: 82 Resp: 18982
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 18.1 13.8 20.6

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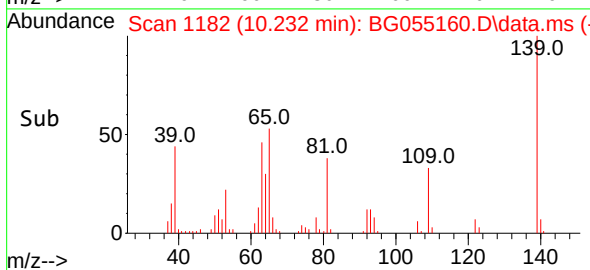
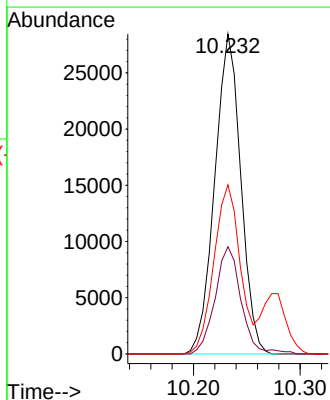
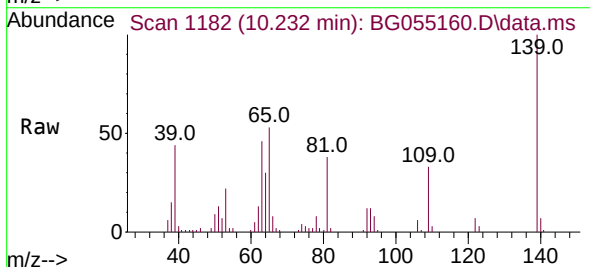
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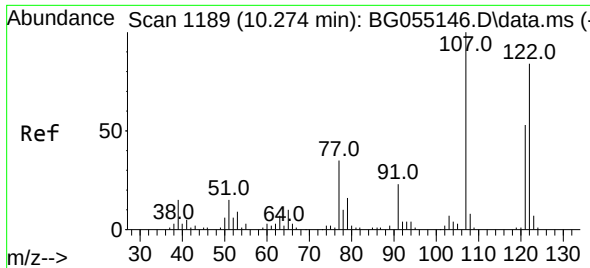
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#26
2-Nitrophenol
Concen: 39.716 ng
RT: 10.232 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:139 Resp: 48326
Ion Ratio Lower Upper
139 100
109 33.5 26.5 39.7
65 52.8 44.4 66.6





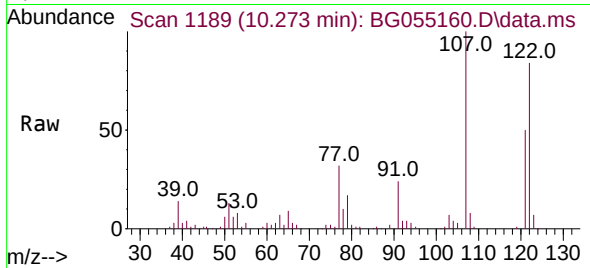
#27
2,4-Dimethylphenol
Concen: 46.977 ng
RT: 10.273 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS



Tgt Ion:122 Resp: 86931
Ion Ratio Lower Upper
122 100
107 118.7 95.3 142.9
121 59.5 50.4 75.6

Manual Integrations

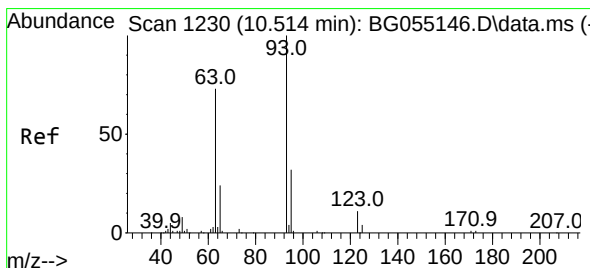
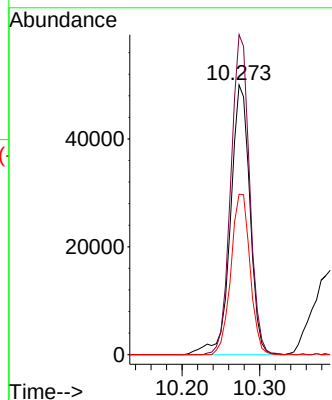
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Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

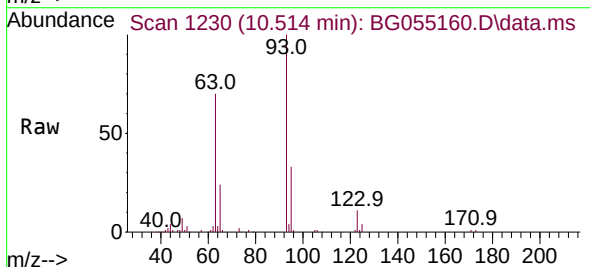
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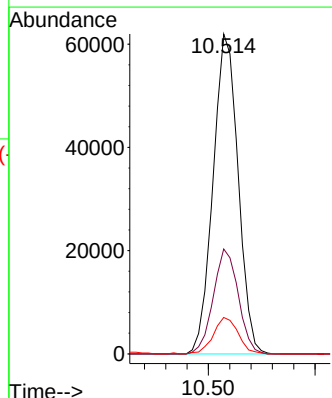
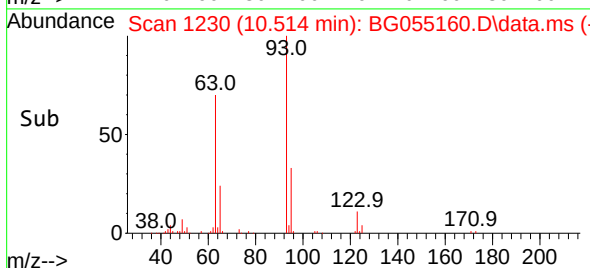
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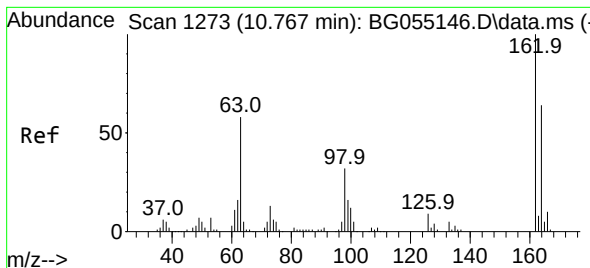


#28
bis(2-Chloroethoxy)methane
Concen: 42.317 ng
RT: 10.514 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09



Tgt Ion: 93 Resp: 101101
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 11.4 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 40.651 ng
RT: 10.767 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

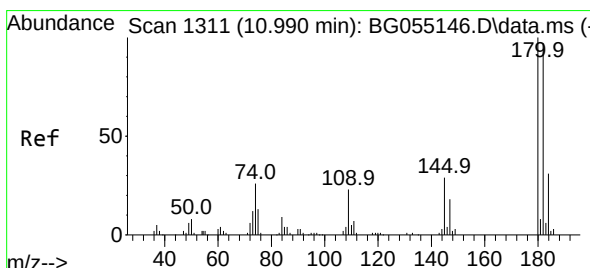
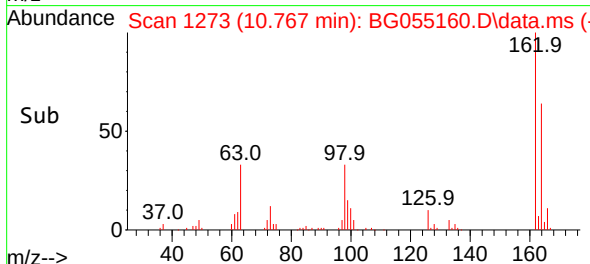
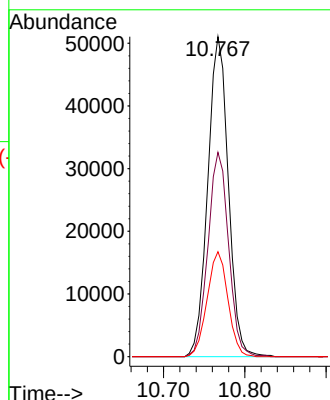
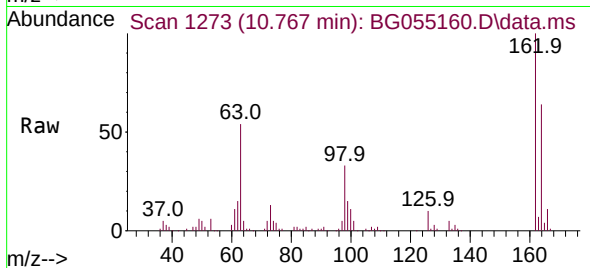
Tgt Ion:162 Resp: 89906
Ion Ratio Lower Upper
162 100
164 63.8 43.6 83.6
98 32.8 12.3 52.3

Manual Integrations
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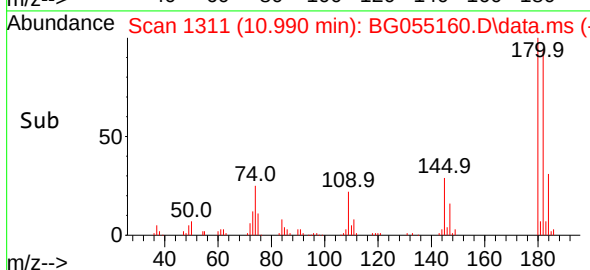
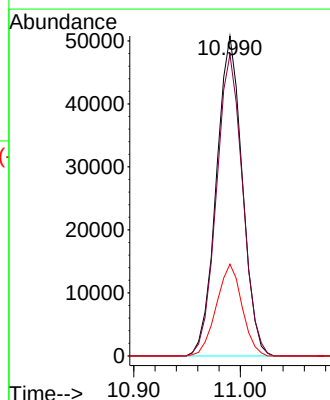
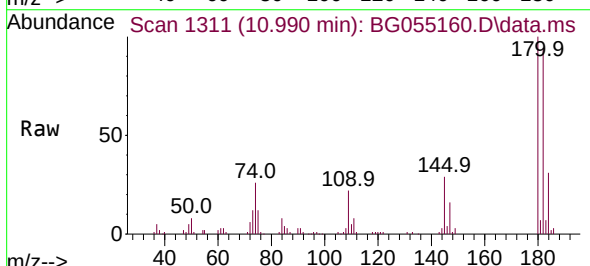
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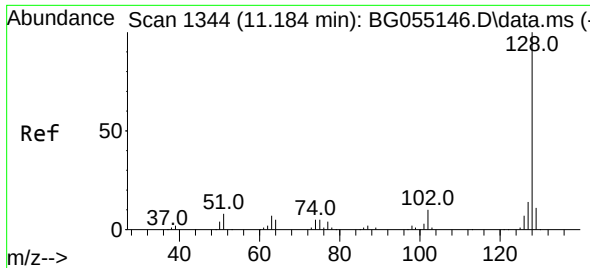
10/14/2022



#30
1,2,4-Trichlorobenzene
Concen: 35.956 ng
RT: 10.990 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:180 Resp: 85781
Ion Ratio Lower Upper
180 100
182 94.2 77.2 115.8
145 28.7 22.8 34.2





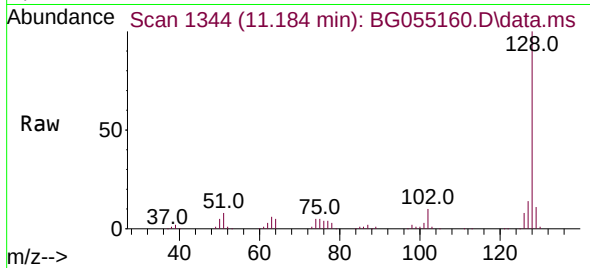
#31
Naphthalene
Concen: 36.685 ng
RT: 11.184 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS



Tgt Ion:128 Resp: 256819
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 14.1 11.1 16.7

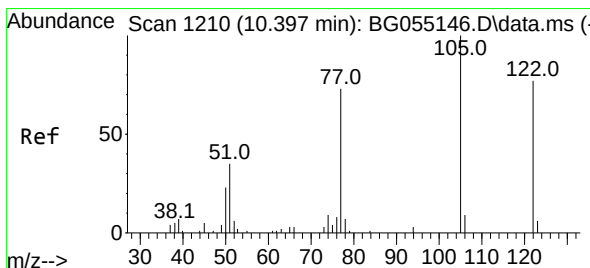
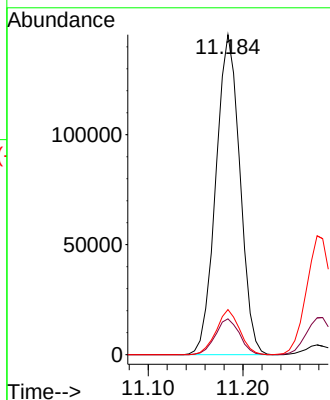
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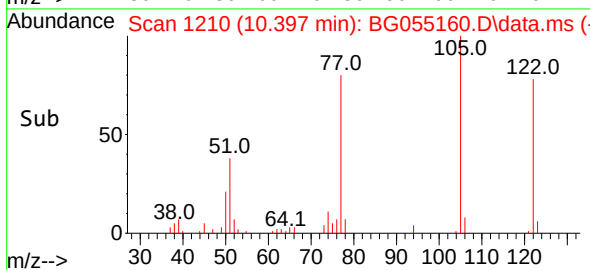
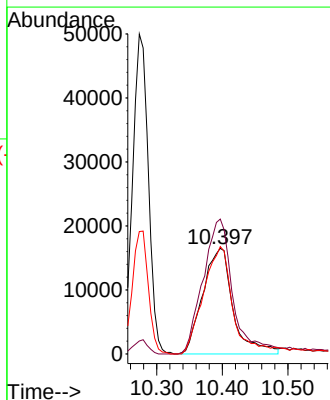
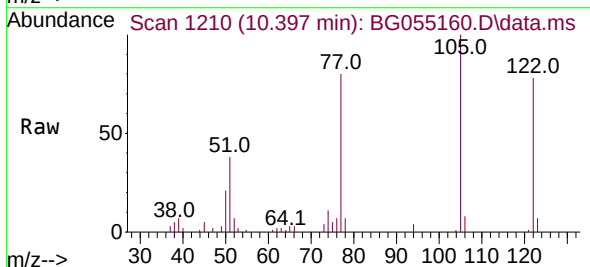
Supervised By :Jagrut
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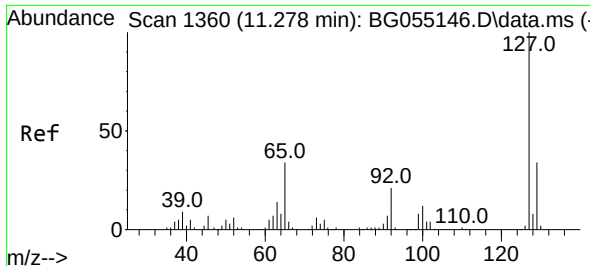
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#32
Benzoic acid
Concen: 34.717 ng
RT: 10.397 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:122 Resp: 52923
Ion Ratio Lower Upper
122 100
105 127.7 107.2 147.2
77 101.6 74.2 114.2





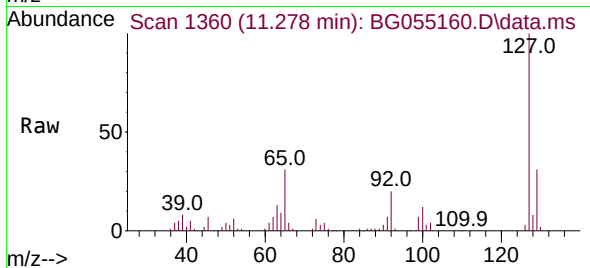
#33
4-Chloroaniline
Concen: 32.880 ng
RT: 11.278 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS



Tgt Ion:127 Resp: 98940
Ion Ratio Lower Upper
127 100
129 30.9 27.0 40.4
65 30.9 27.4 41.2
92 19.5 17.1 25.7

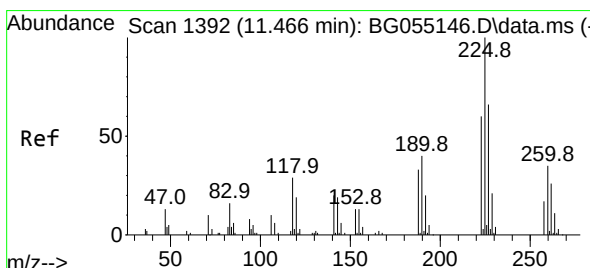
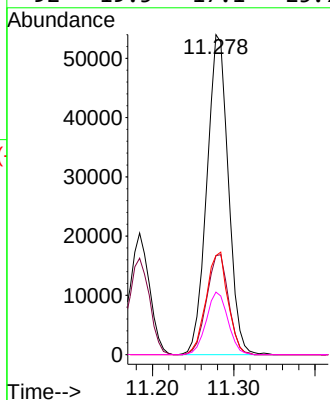
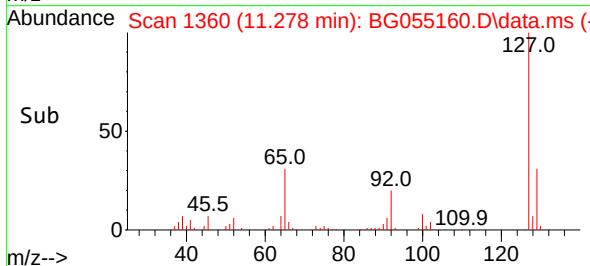
Manual Integrations
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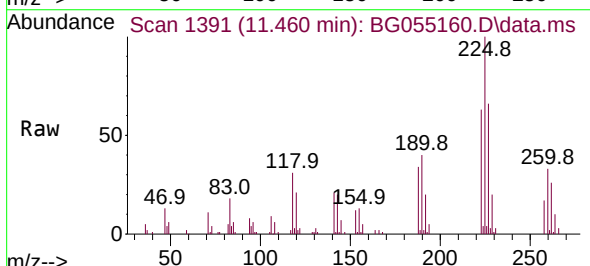
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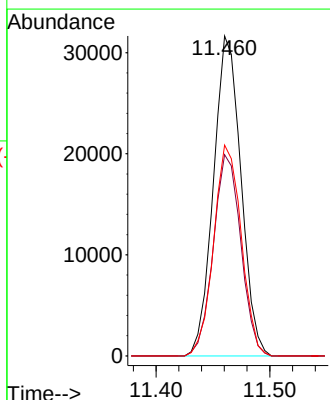
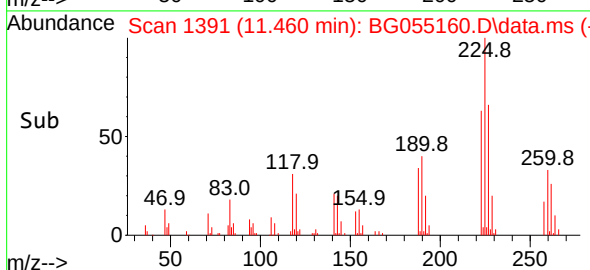
10/14/2022

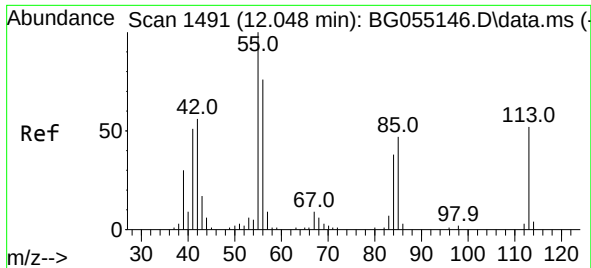


#34
Hexachlorobutadiene
Concen: 34.903 ng
RT: 11.460 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09



Tgt Ion:225 Resp: 53094
Ion Ratio Lower Upper
225 100
223 62.9 48.2 72.4
227 65.9 52.5 78.7





#35
 Caprolactam
 Concen: 41.533 ng m
 RT: 12.042 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: BG055160.D
 Acq: 13 Oct 2022 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB148287BS

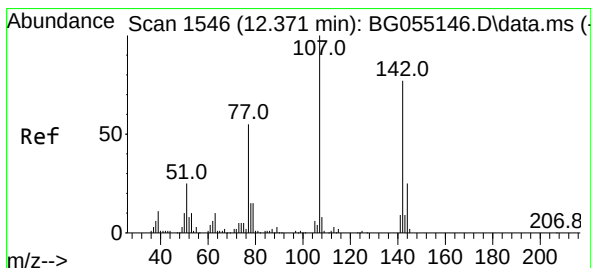
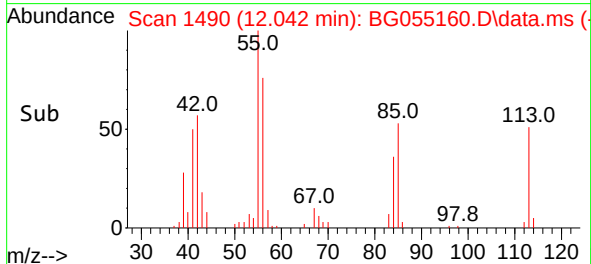
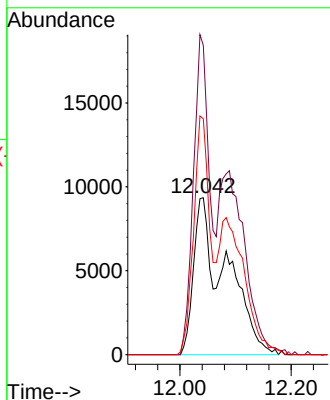
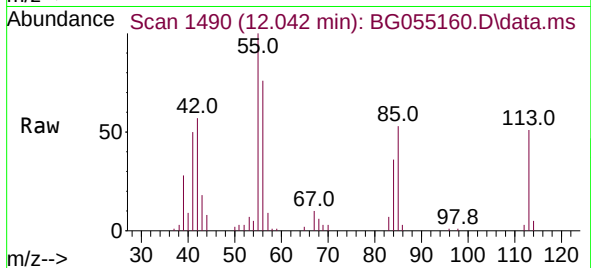
Tgt Ion:113 Resp: 37736
 Ion Ratio Lower Upper
 113 100
 55 197.1 172.1 212.1
 56 150.3 126.0 166.0

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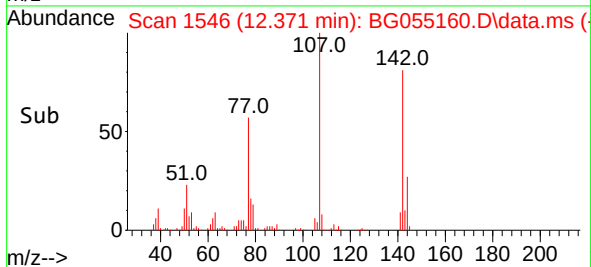
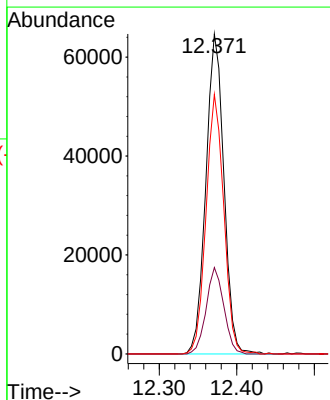
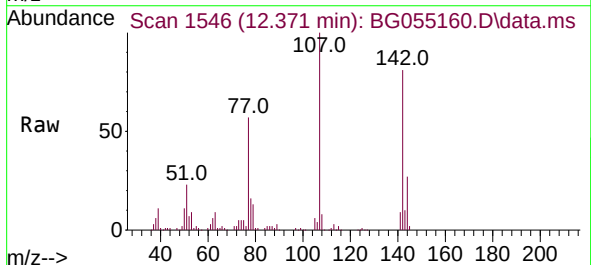
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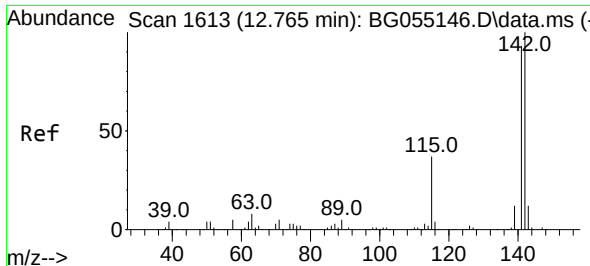
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#36
 4-Chloro-3-methylphenol
 Concen: 41.834 ng
 RT: 12.371 min Scan# 1546
 Delta R.T. -0.000 min
 Lab File: BG055160.D
 Acq: 13 Oct 2022 12:09

Tgt Ion:107 Resp: 104337
 Ion Ratio Lower Upper
 107 100
 144 27.0 19.8 29.8
 142 81.1 61.9 92.9





#37
2-Methylnaphthalene
Concen: 36.820 ng
RT: 12.765 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS

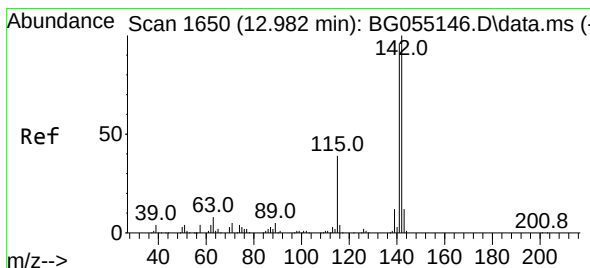
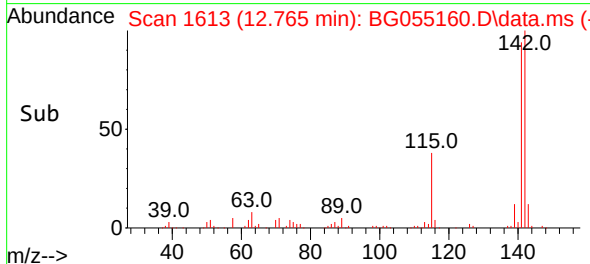
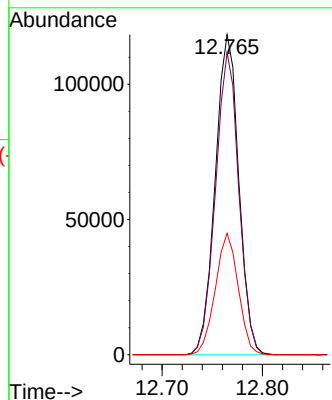
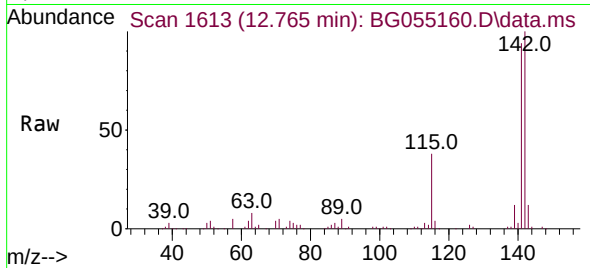
Tgt Ion:142 Resp: 193022
Ion Ratio Lower Upper
142 100
141 94.4 74.8 112.2
115 37.9 29.8 44.6

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Supervised By :Jagrut Upadhyay 10/14/2022

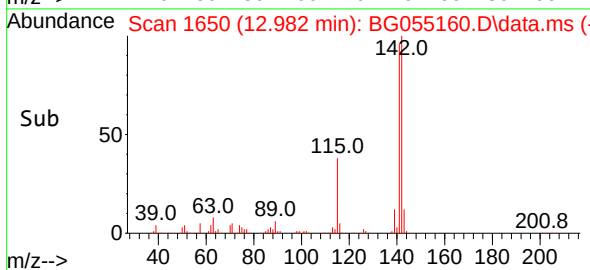
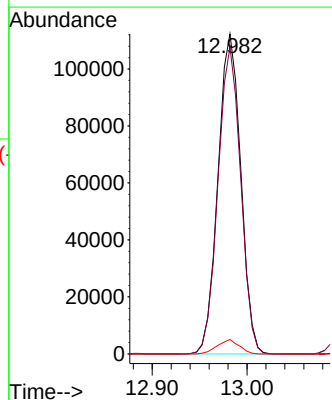
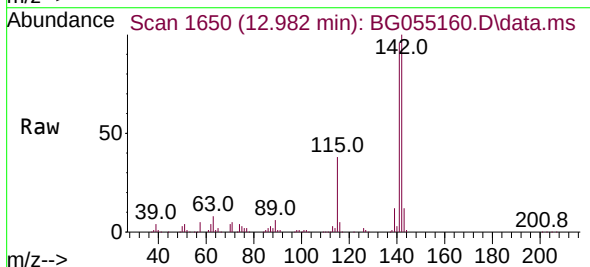
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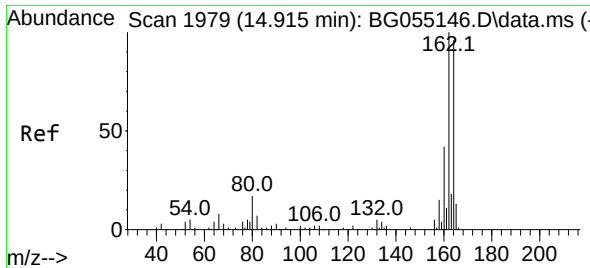
10/14/2022



#38
1-Methylnaphthalene
Concen: 36.616 ng
RT: 12.982 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:142 Resp: 187279
Ion Ratio Lower Upper
142 100
141 95.9 76.9 115.3
116 4.5 3.2 4.8





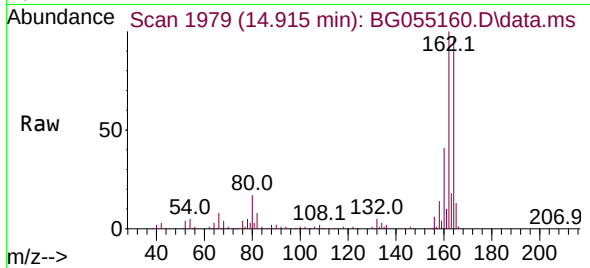
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.915 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS



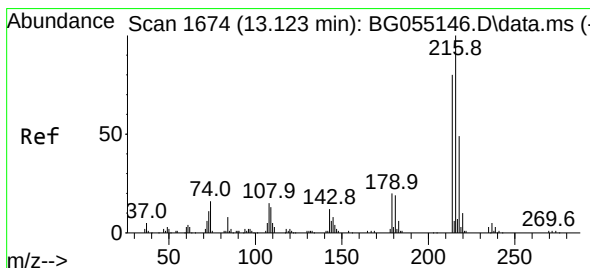
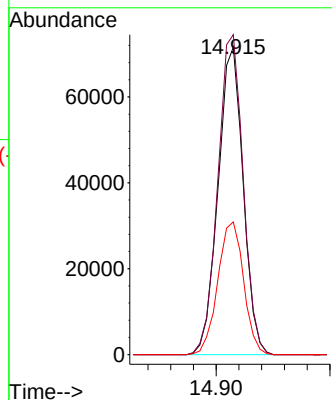
Tgt Ion:164 Resp: 109313
Ion Ratio Lower Upper
164 100
162 104.1 83.3 124.9
160 43.2 35.3 52.9

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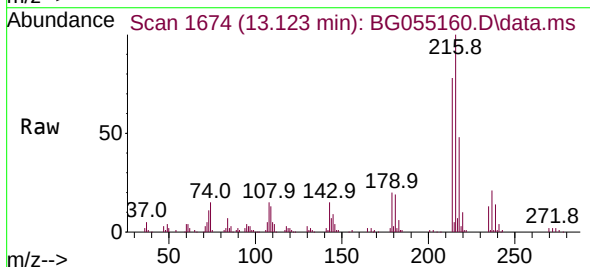
Reviewed By :Christian Giraldo 10/14/2022
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Upadhyay

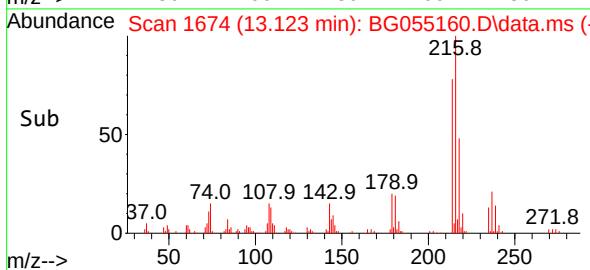
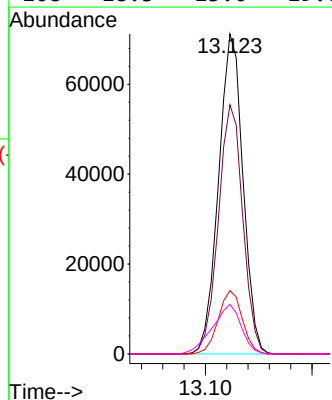
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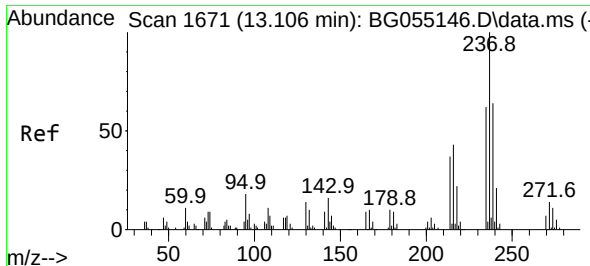


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.727 ng
RT: 13.123 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09



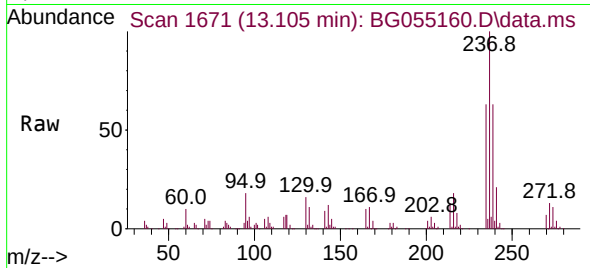
Tgt Ion:216 Resp: 113236
Ion Ratio Lower Upper
216 100
214 77.9 63.1 94.7
179 19.5 16.1 24.1
108 18.3 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 91.131 ng
RT: 13.105 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS



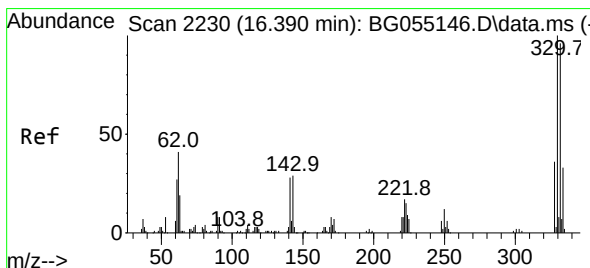
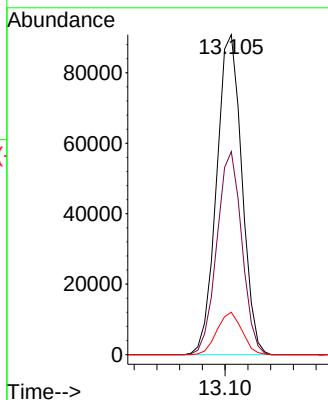
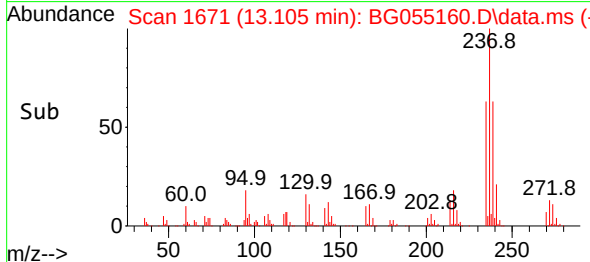
Tgt Ion:237 Resp: 140394
Ion Ratio Lower Upper
237 100
235 63.4 41.8 81.8
272 13.2 0.0 34.3

Manual Integrations
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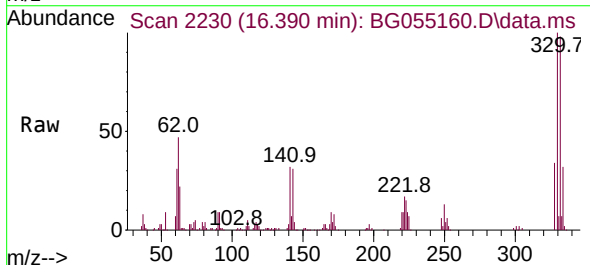
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

10/14/2022
Supervised By :Jagrut
Upadhyay

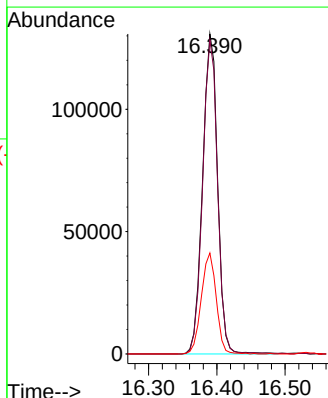
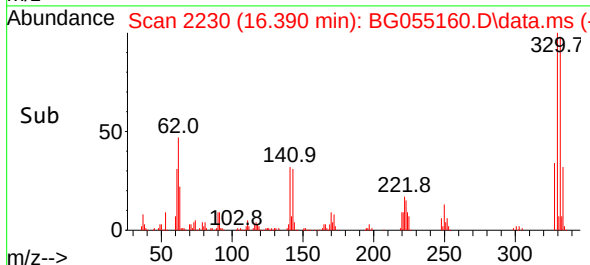
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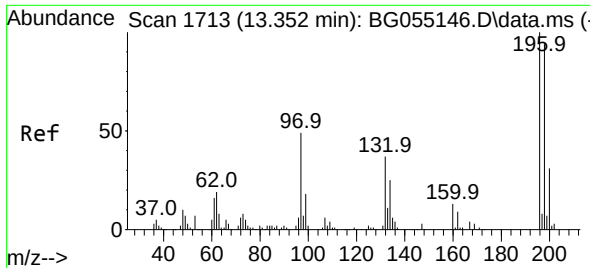


#42
2,4,6-Tribromophenol
Concen: 127.334 ng
RT: 16.390 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09



Tgt Ion:330 Resp: 200003
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 31.3 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 37.226 ng
RT: 13.352 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

Tgt Ion:196 Resp: 83421
Ion Ratio Lower Upper
196 100
198 97.4 75.0 112.6
200 30.7 24.5 36.7

Manual Integrations

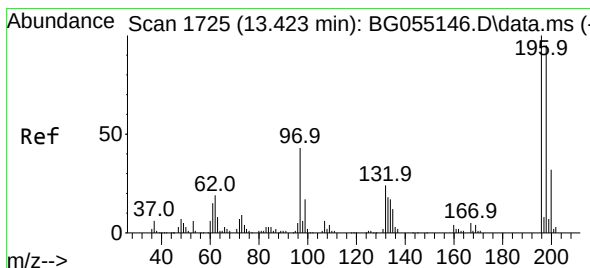
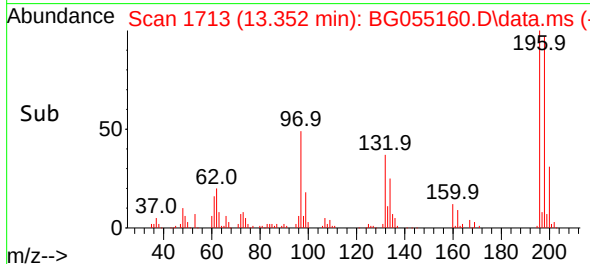
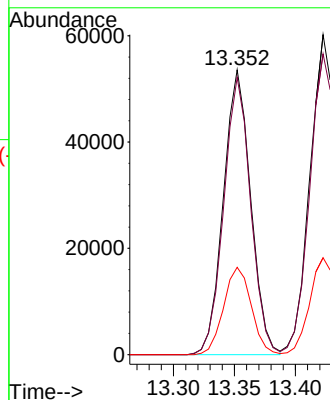
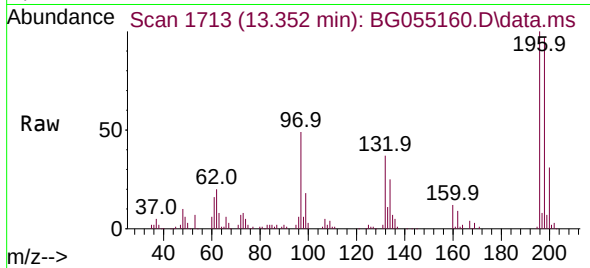
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Supervised By :Jagrut Upadhyay 10/14/2022

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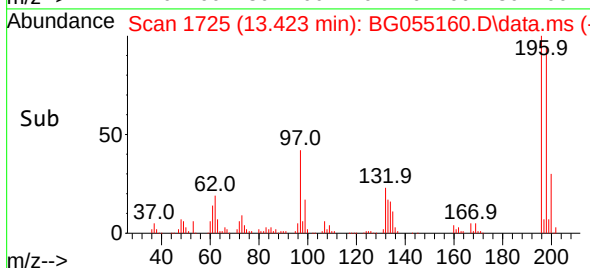
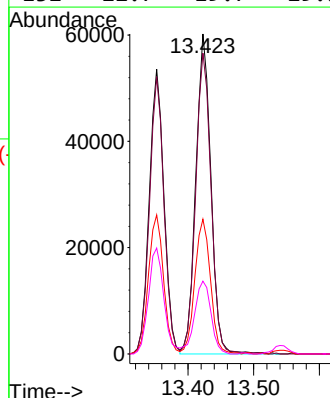
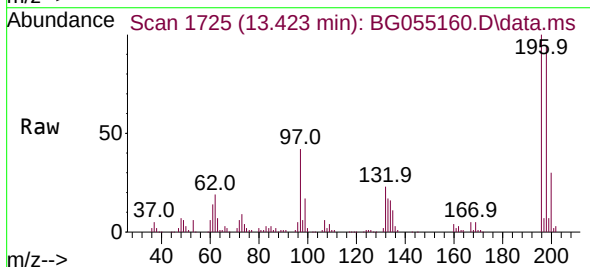
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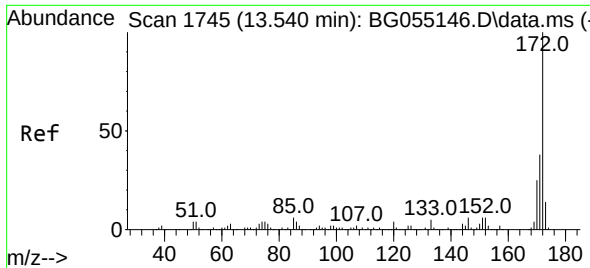
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#44
2,4,5-Trichlorophenol
Concen: 38.586 ng
RT: 13.423 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:196 Resp: 95951
Ion Ratio Lower Upper
196 100
198 94.0 76.0 114.0
97 42.1 34.7 52.1
132 22.7 19.7 29.5





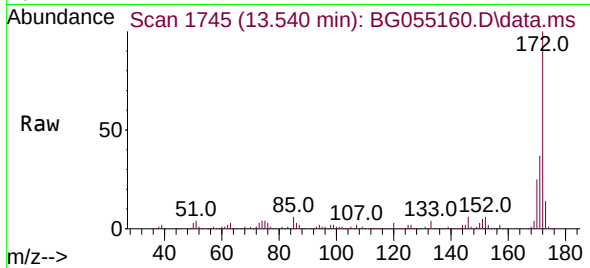
#45
2-Fluorobiphenyl
Concen: 73.476 ng
RT: 13.540 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:172 Resp: 491684
Ion Ratio Lower Upper
172 100
171 37.2 30.1 45.1
170 24.7 19.8 29.6

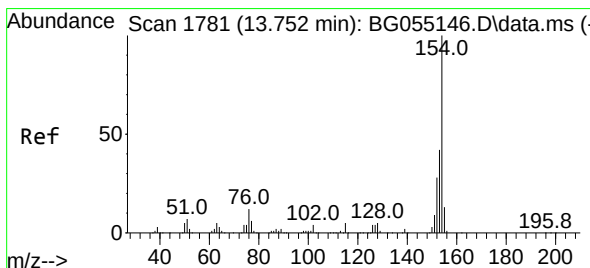
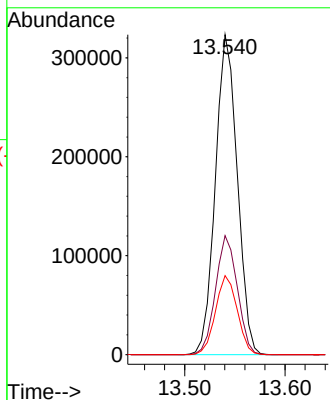
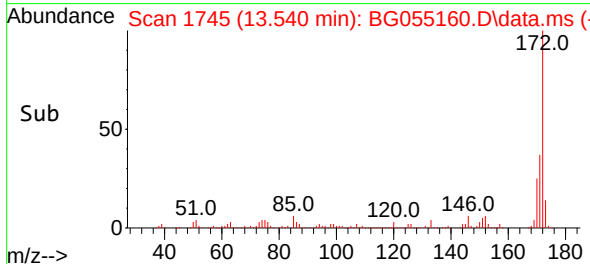
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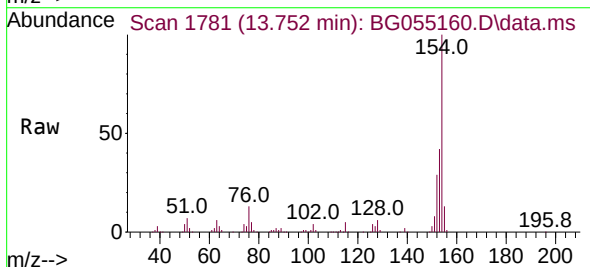
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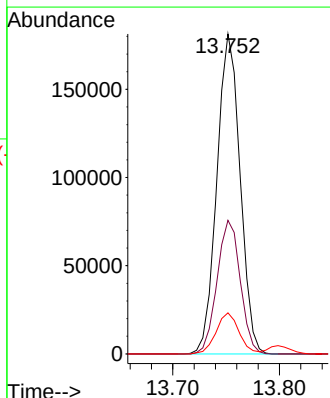
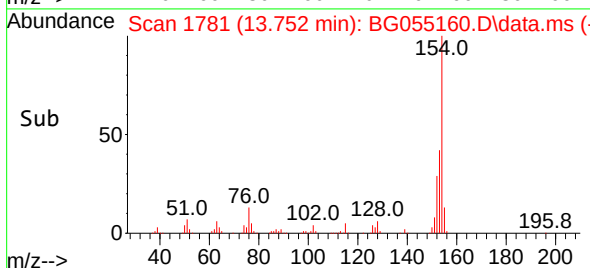
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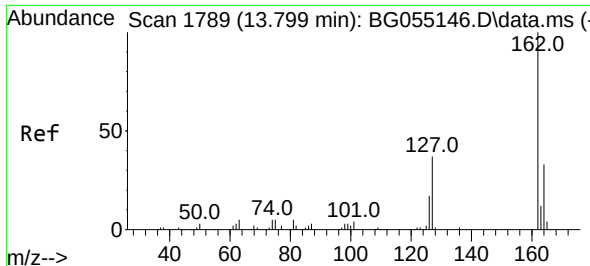


#46
1,1'-Biphenyl
Concen: 37.788 ng
RT: 13.752 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09



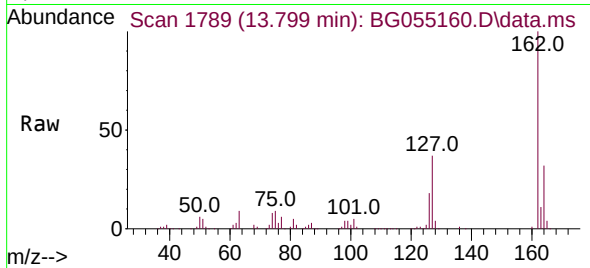
Tgt Ion:154 Resp: 274244
Ion Ratio Lower Upper
154 100
153 41.7 22.0 62.0
76 12.8 0.0 32.1





#47
2-Chloronaphthalene
Concen: 36.780 ng
RT: 13.799 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS



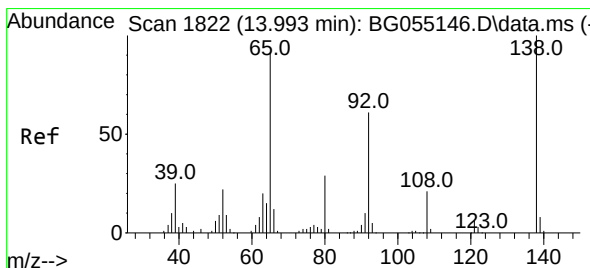
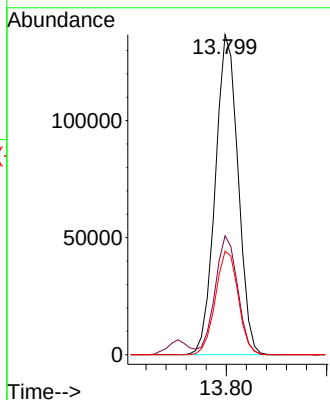
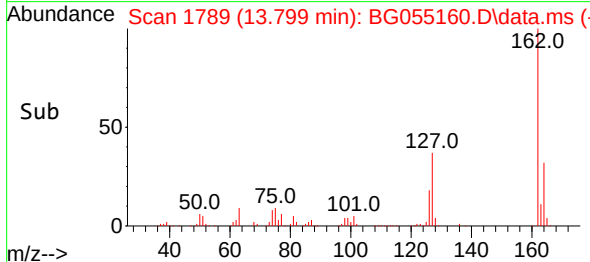
Tgt Ion:162 Resp: 21592
Ion Ratio Lower Upper
162 100
127 37.1 31.0 46.4
164 32.3 26.6 39.8

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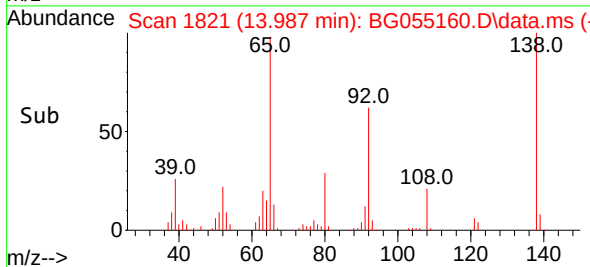
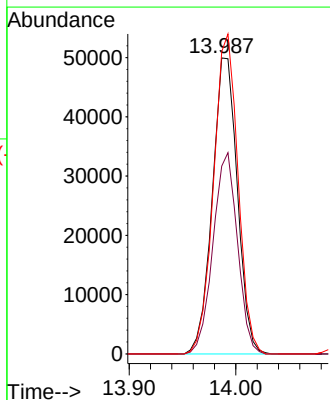
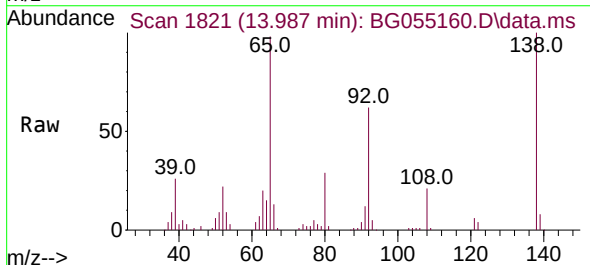
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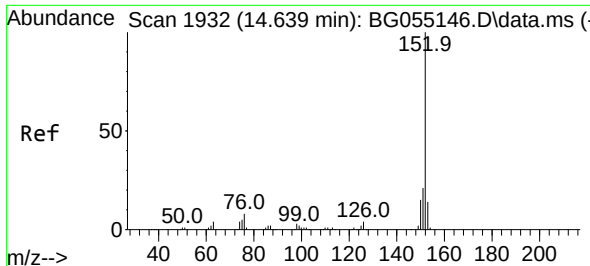
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#48
2-Nitroaniline
Concen: 38.965 ng
RT: 13.987 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion: 65 Resp: 81607
Ion Ratio Lower Upper
65 100
92 63.4 53.0 79.4
138 102.1 87.5 131.3





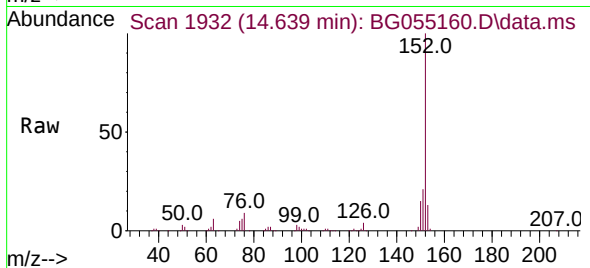
#49
Acenaphthylene
Concen: 36.975 ng
RT: 14.639 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

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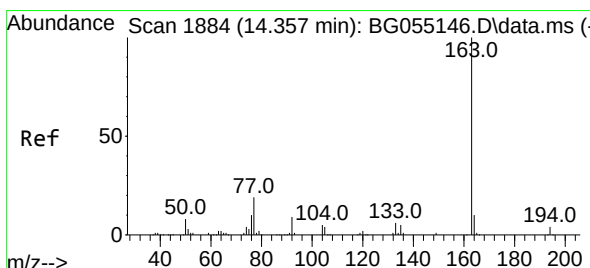
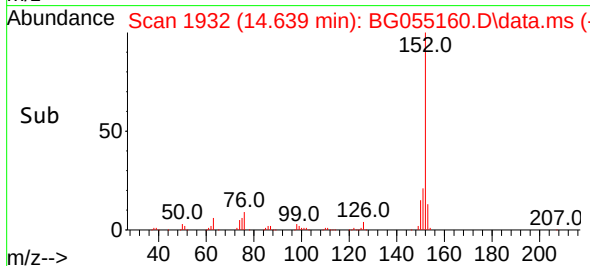
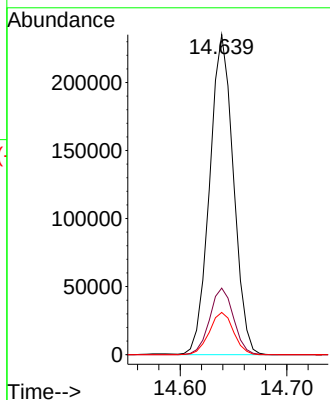
Tgt Ion:152 Resp: 364394
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7
153 13.2 10.8 16.2

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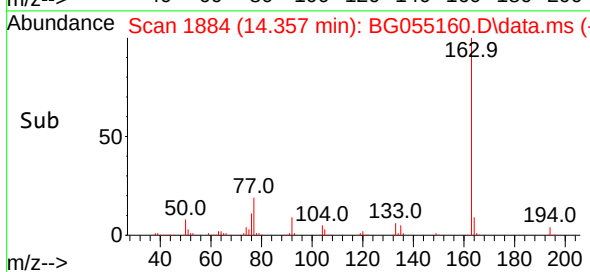
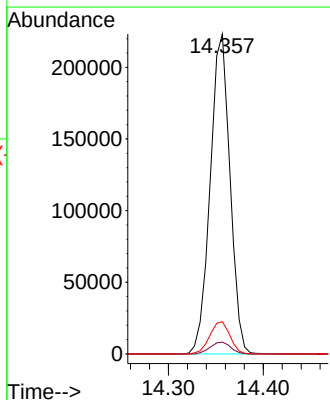
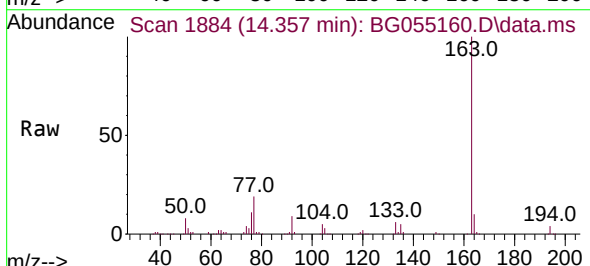
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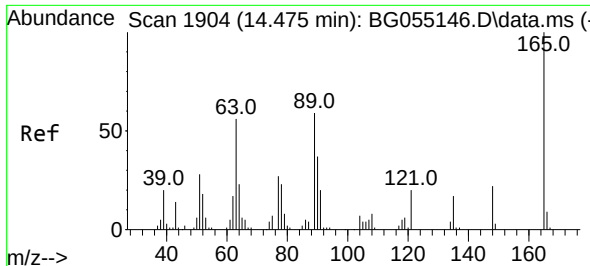
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#50
Dimethylphthalate
Concen: 36.847 ng
RT: 14.357 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:163 Resp: 323771
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 39.050 ng
RT: 14.474 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

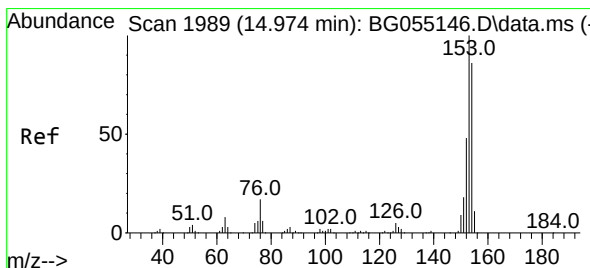
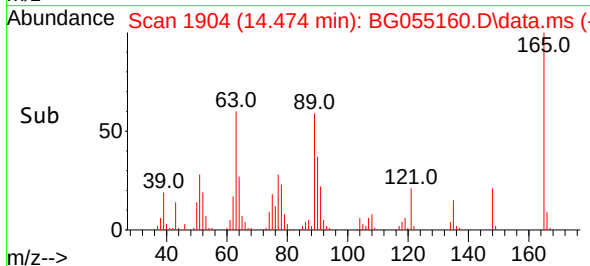
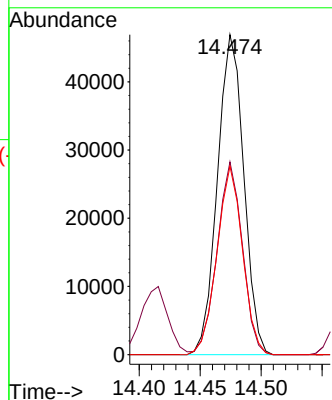
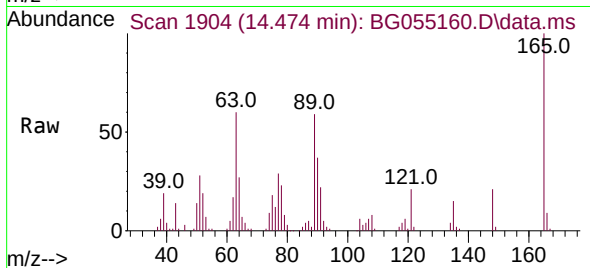
Tgt Ion:165 Resp: 7061
Ion Ratio Lower Upper
165 100
63 60.2 46.6 70.0
89 58.8 47.6 71.4

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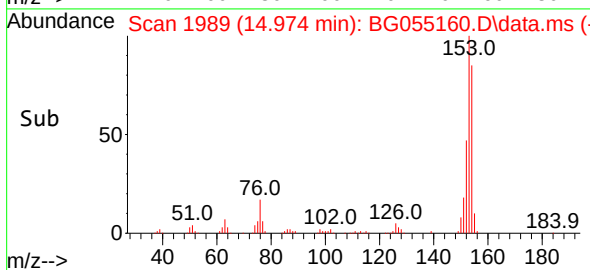
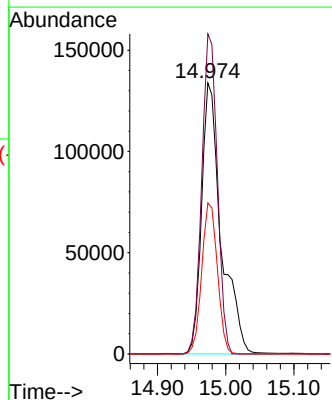
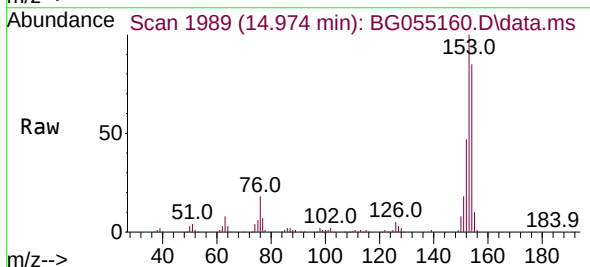
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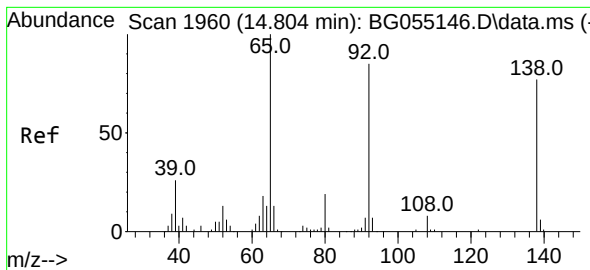
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#52
Acenaphthene
Concen: 41.996 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:154 Resp: 267734
Ion Ratio Lower Upper
154 100
153 118.1 93.0 139.4
152 55.7 44.6 66.8





#53
3-Nitroaniline
Concen: 33.203 ng
RT: 14.803 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

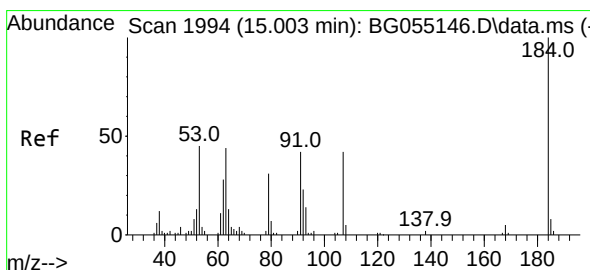
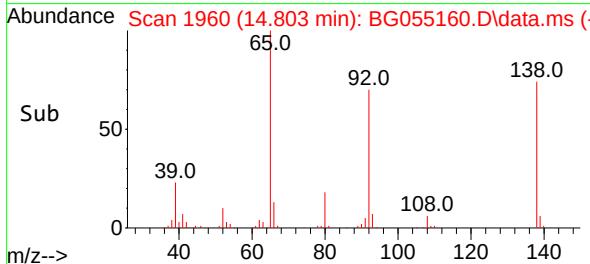
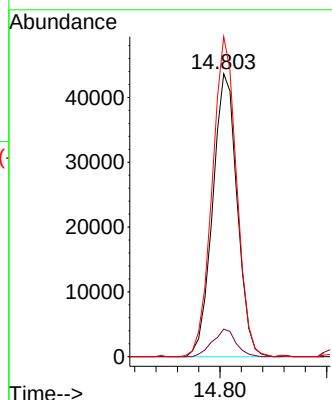
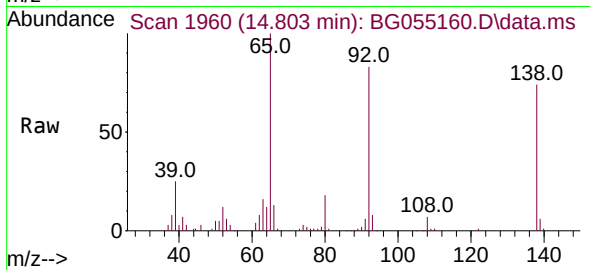
Tgt Ion:138 Resp: 69608
Ion Ratio Lower Upper
138 100
108 9.7 8.6 13.0
92 113.2 88.5 132.7

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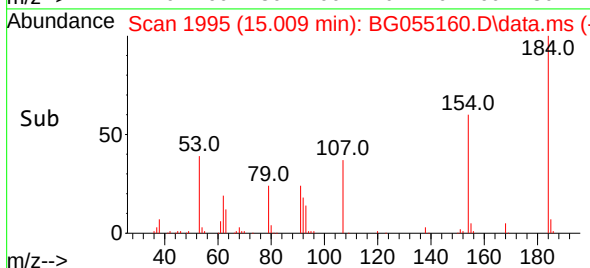
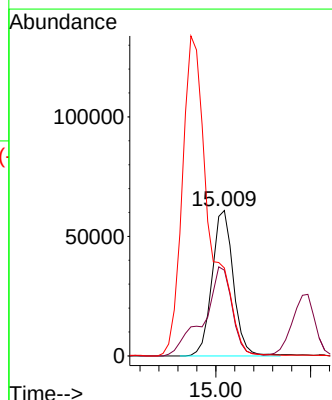
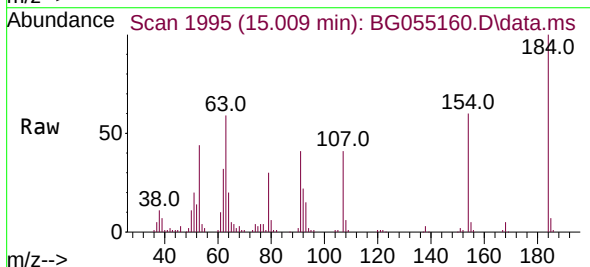
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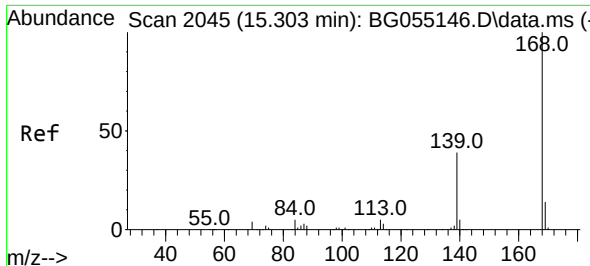
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#54
2,4-Dinitrophenol
Concen: 86.169 ng
RT: 15.009 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

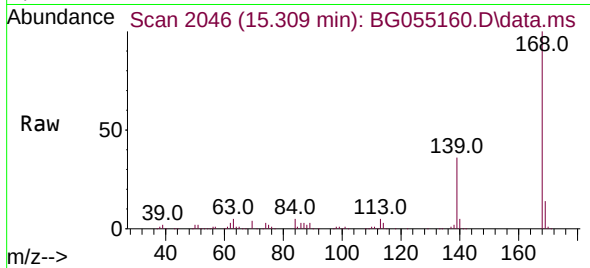
Tgt Ion:184 Resp: 94783
Ion Ratio Lower Upper
184 100
63 58.9 52.6 78.8
154 60.5 59.1 88.7





#55
Dibenzofuran
Concen: 37.143 ng
RT: 15.309 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS



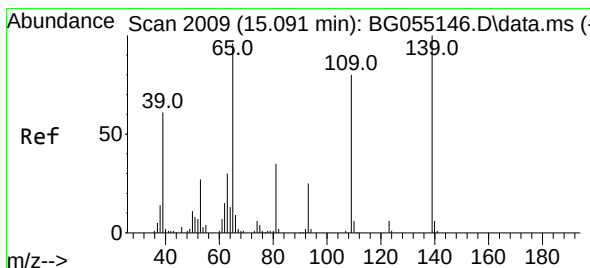
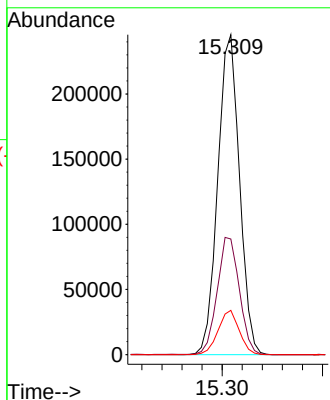
Tgt Ion:168 Resp: 36944
Ion Ratio Lower Upper
168 100
139 36.1 30.9 46.3
169 13.8 11.0 16.6

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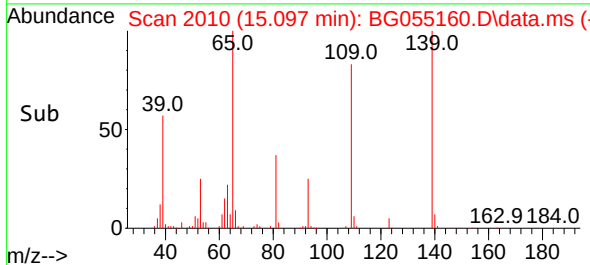
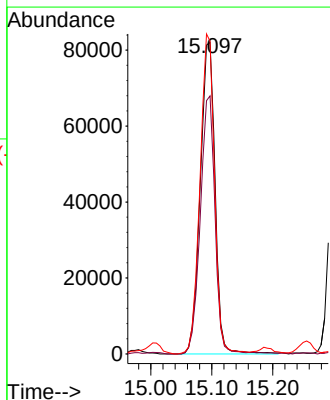
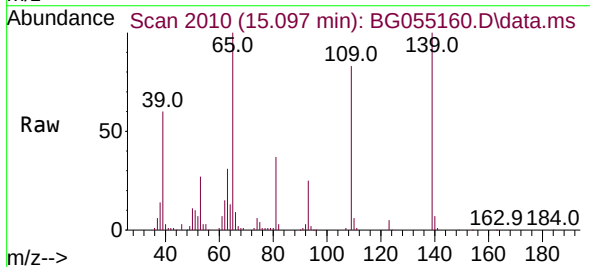
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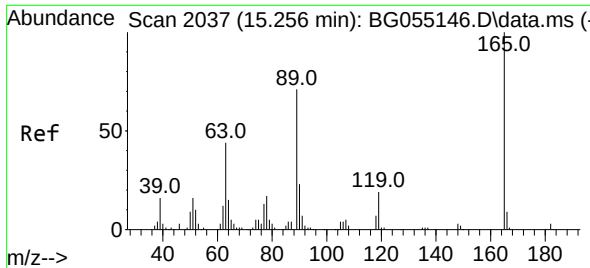
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#56
4-Nitrophenol
Concen: 84.663 ng
RT: 15.097 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:139 Resp: 138214
Ion Ratio Lower Upper
139 100
109 82.9 60.1 100.1
65 100.4 76.1 116.1





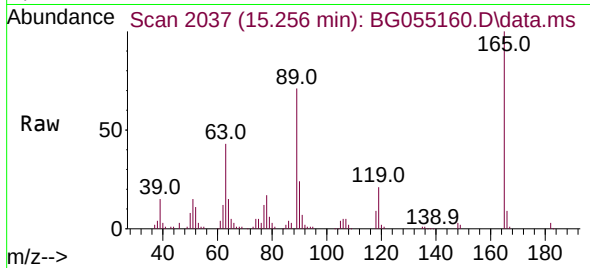
#57
2,4-Dinitrotoluene
Concen: 40.020 ng
RT: 15.256 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS



Tgt Ion:165 Resp: 105990
Ion Ratio Lower Upper
165 100
63 42.6 35.6 53.4
89 71.4 56.4 84.6
182 2.7 2.1 3.1

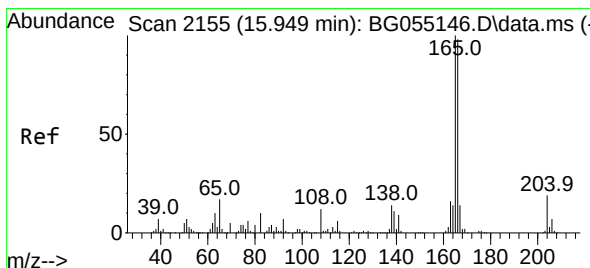
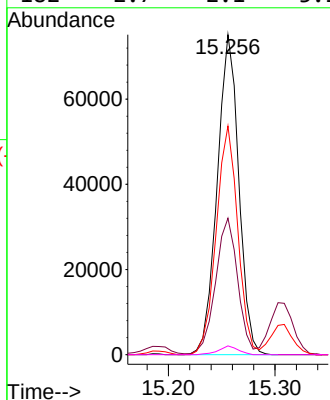
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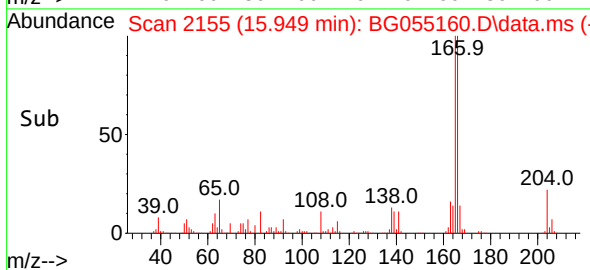
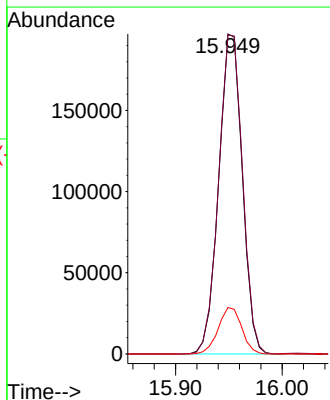
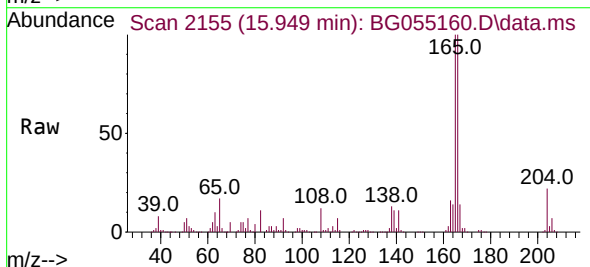
Supervised By :Jagrut
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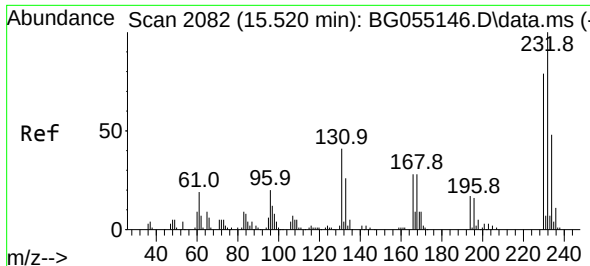
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#58
Fluorene
Concen: 37.116 ng
RT: 15.949 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:166 Resp: 303127
Ion Ratio Lower Upper
166 100
165 99.7 81.6 122.4
167 14.5 11.2 16.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.270 ng
RT: 15.526 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

Tgt Ion:232 Resp: 93910
Ion Ratio Lower Upper
232 100
131 39.9 31.8 47.6
130 2.5 1.8 2.6
166 27.8 22.0 33.0

Manual Integrations

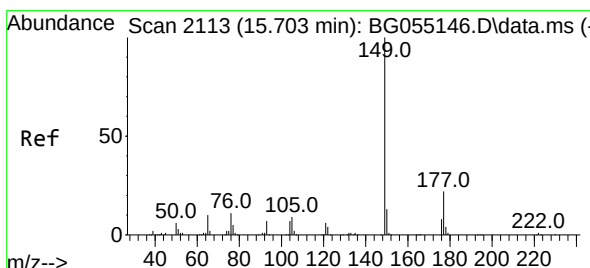
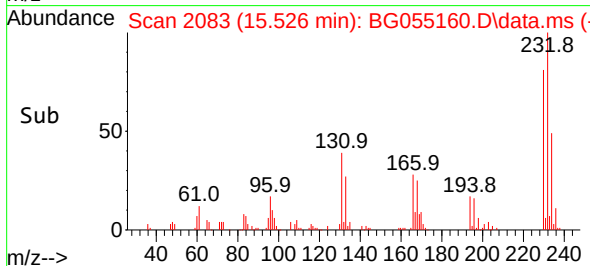
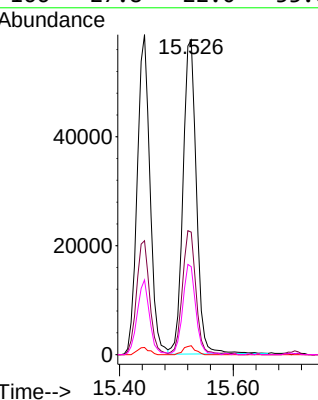
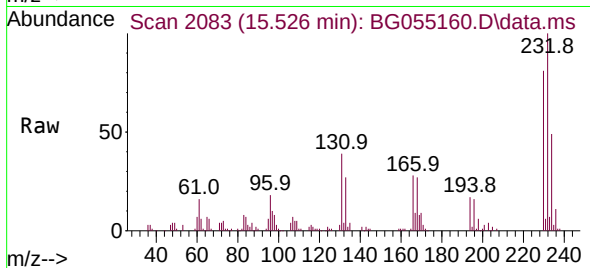
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Supervised By :Jagrut Upadhyay 10/14/2022

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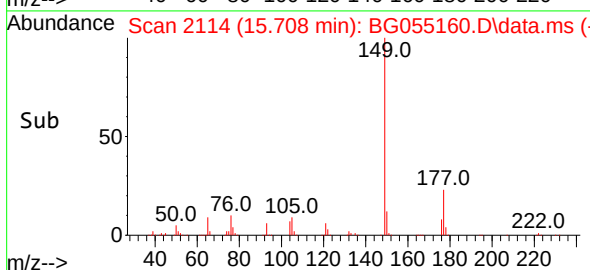
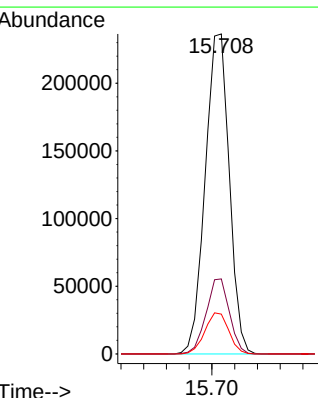
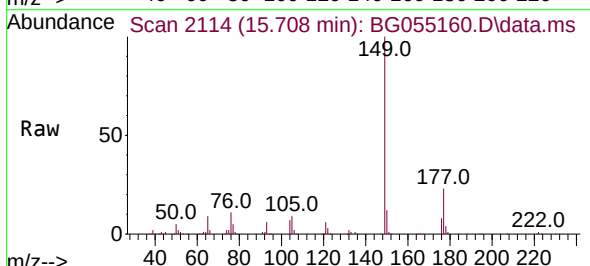
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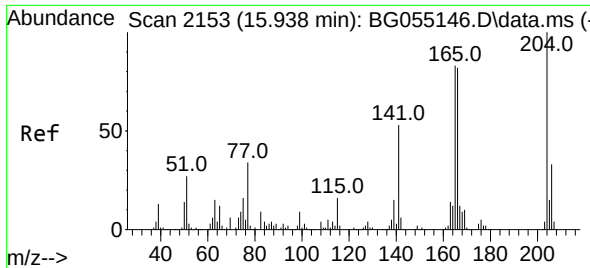
10/14/2022



#60
Diethylphthalate
Concen: 37.513 ng
RT: 15.708 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:149 Resp: 347196
Ion Ratio Lower Upper
149 100
177 23.4 17.9 26.9
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.822 ng
RT: 15.937 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS

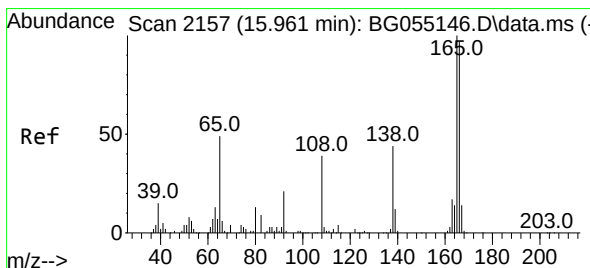
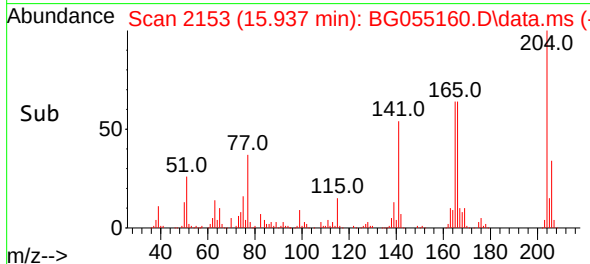
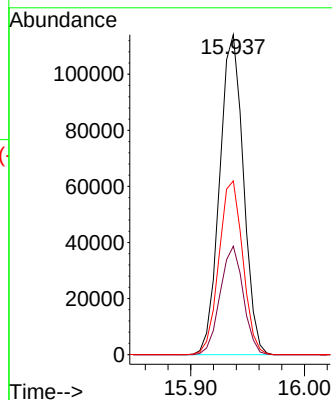
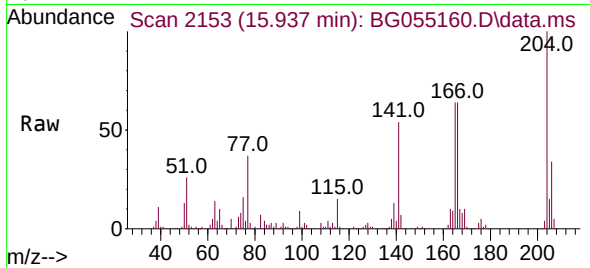
Tgt Ion:204 Resp: 165396
Ion Ratio Lower Upper
204 100
206 33.9 26.3 39.5
141 54.3 42.6 64.0

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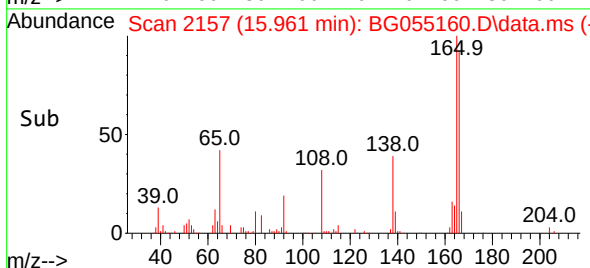
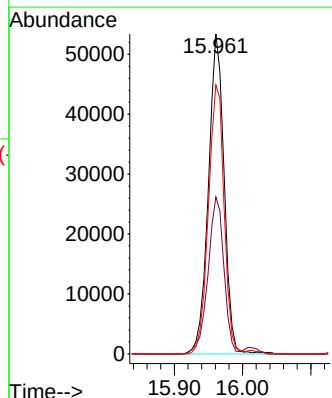
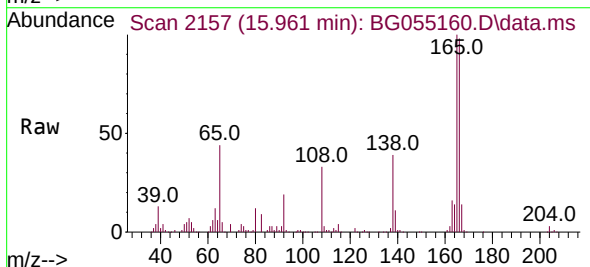
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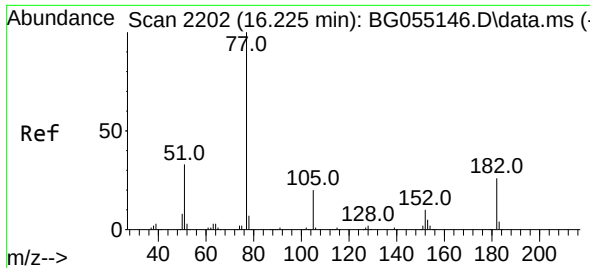
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#62
4-Nitroaniline
Concen: 37.730 ng
RT: 15.961 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:138 Resp: 85397
Ion Ratio Lower Upper
138 100
92 49.0 28.0 68.0
108 84.0 68.6 108.6





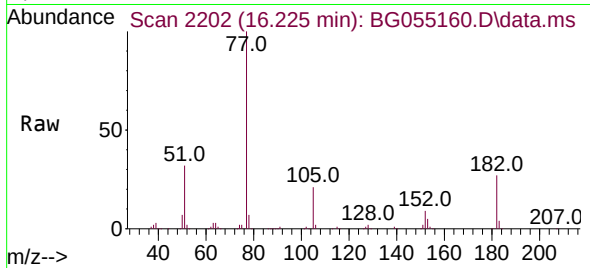
#63
Azobenzene
Concen: 37.893 ng
RT: 16.225 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion: 77 Resp: 29774
Ion Ratio Lower Upper
77 100
182 26.8 6.0 46.0
105 20.6 0.0 40.0
51 32.4 13.1 53.1

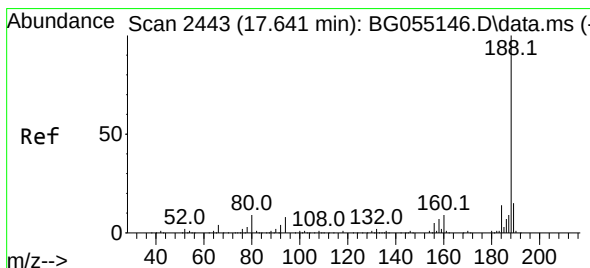
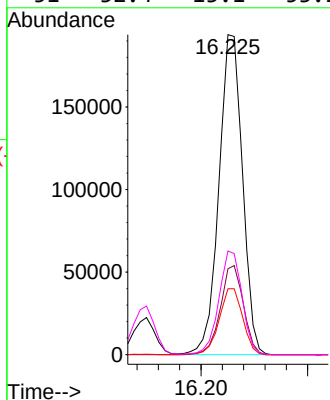
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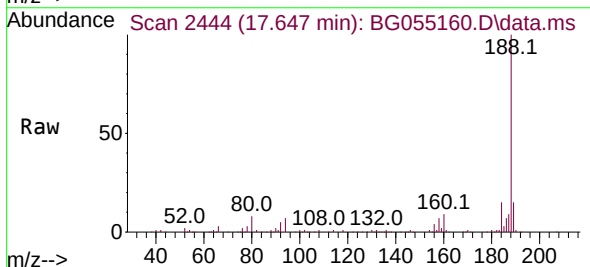
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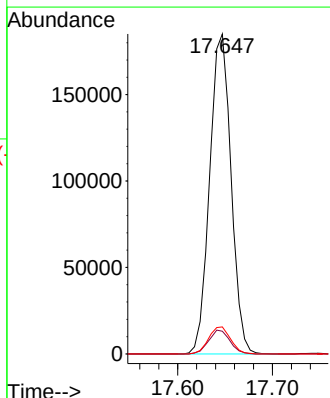
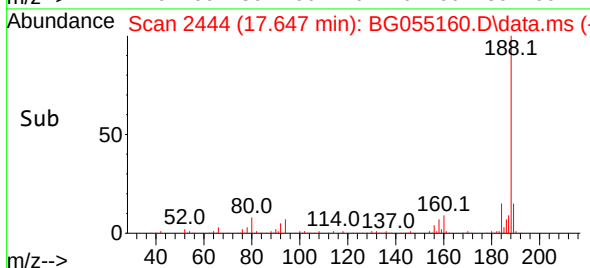
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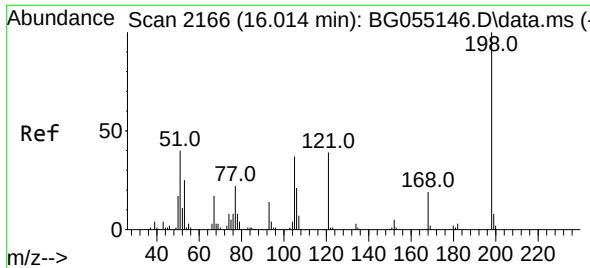


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2444
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09



Tgt Ion:188 Resp: 290110
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 8.4 7.0 10.6





#65
4,6-Dinitro-2-methylphenol
Concen: 38.371 ng
RT: 16.014 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

Tgt Ion:198 Resp: 65431
Ion Ratio Lower Upper
198 100
51 42.5 23.7 63.7
105 36.6 17.5 57.5

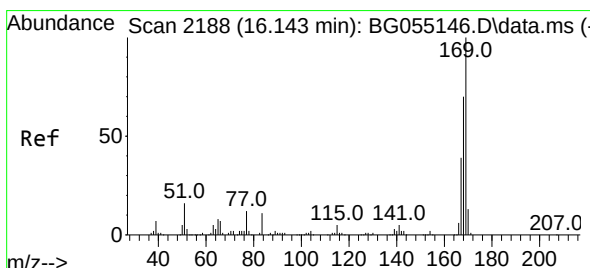
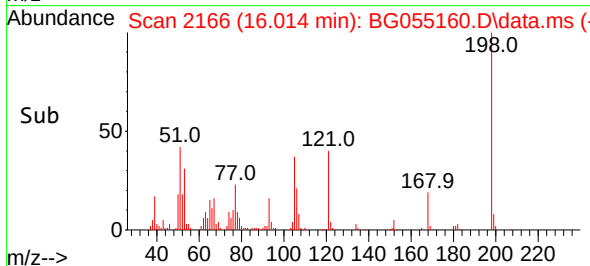
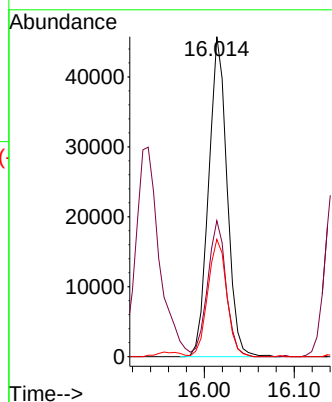
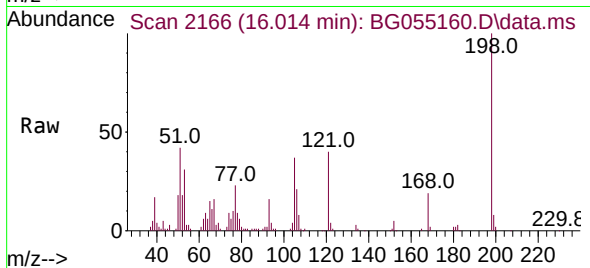
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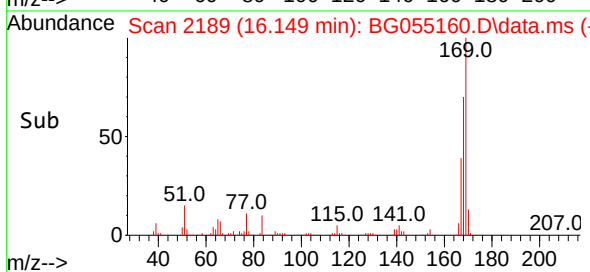
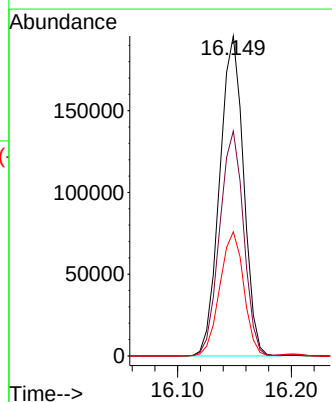
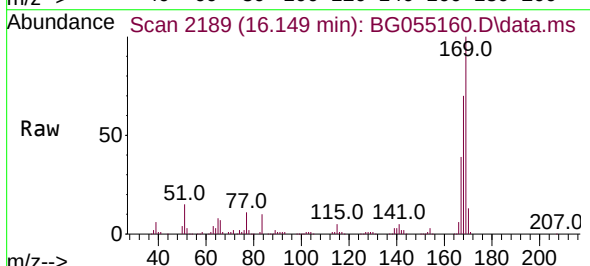
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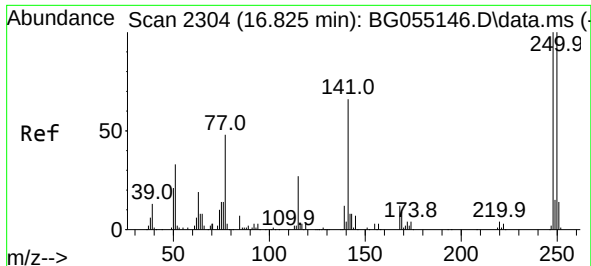
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#66
n-Nitrosodiphenylamine
Concen: 37.302 ng
RT: 16.149 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:169 Resp: 285486
Ion Ratio Lower Upper
169 100
168 70.3 56.3 84.5
167 38.8 31.0 46.4





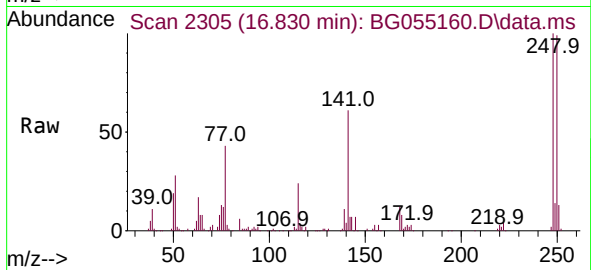
#67
4-Bromophenyl-phenylether
Concen: 37.295 ng
RT: 16.830 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS



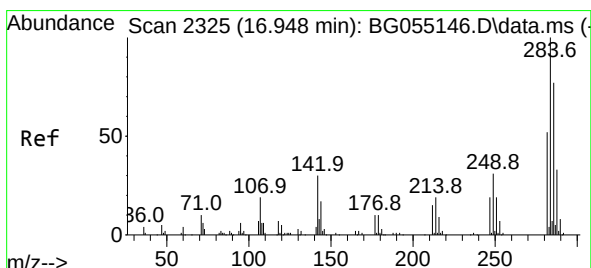
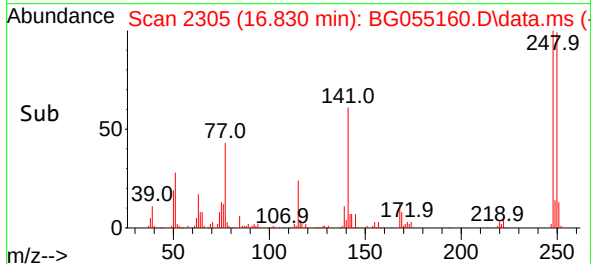
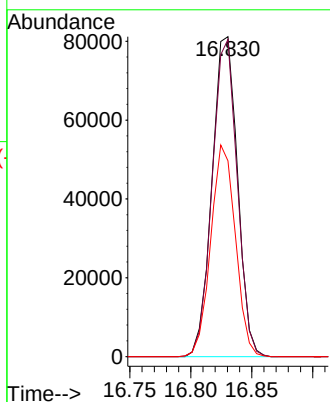
Tgt Ion:248 Resp: 117948
Ion Ratio Lower Upper
248 100
250 99.1 80.1 120.1
141 61.2 53.1 79.7

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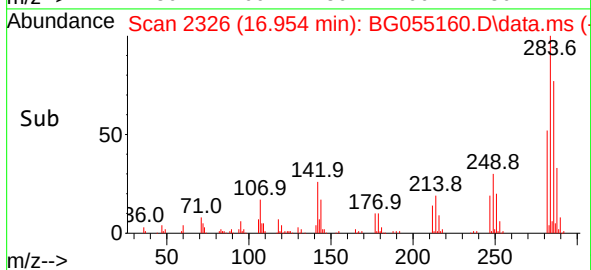
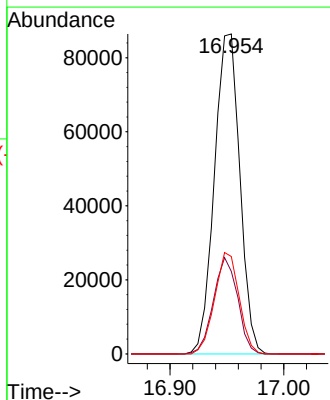
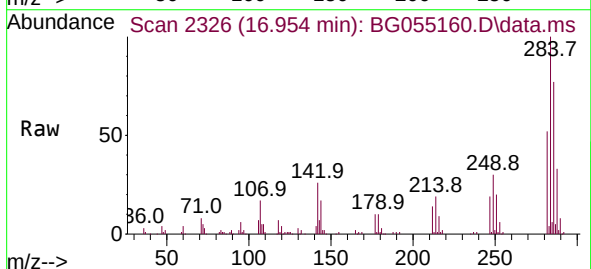
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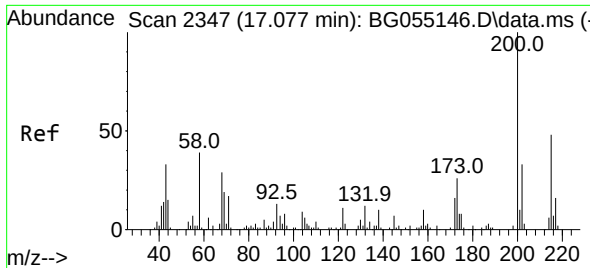
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#68
Hexachlorobenzene
Concen: 36.962 ng
RT: 16.954 min Scan# 2326
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:284 Resp: 134355
Ion Ratio Lower Upper
284 100
142 25.8 23.9 35.9
249 30.4 24.9 37.3





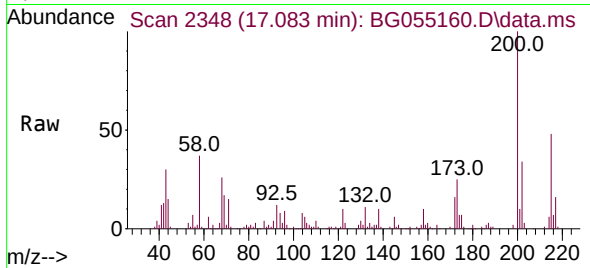
#69
 Atrazine
 Concen: 43.203 ng
 RT: 17.083 min Scan# 2348
 Delta R.T. 0.006 min
 Lab File: BG055160.D
 Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS



Tgt Ion:200 Resp: 130352
 Ion Ratio Lower Upper
 200 100
 173 24.9 5.5 45.5
 215 47.6 28.2 68.2

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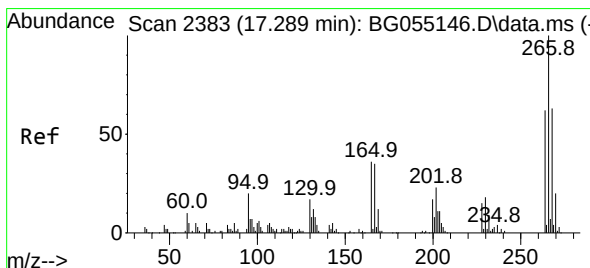
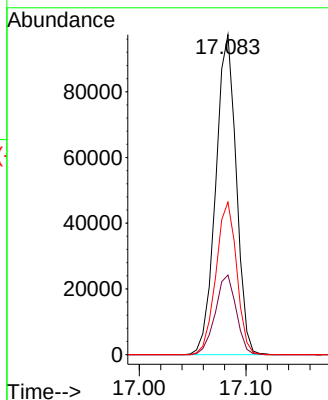
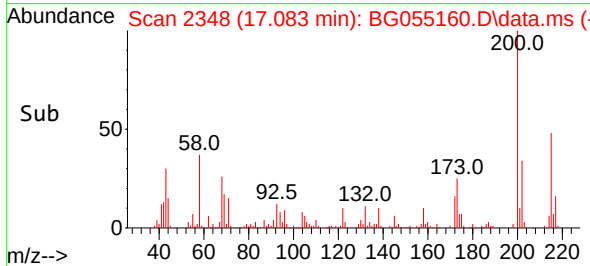
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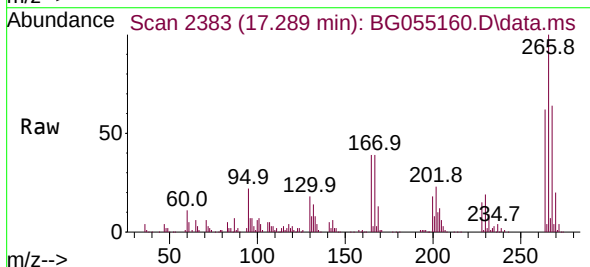
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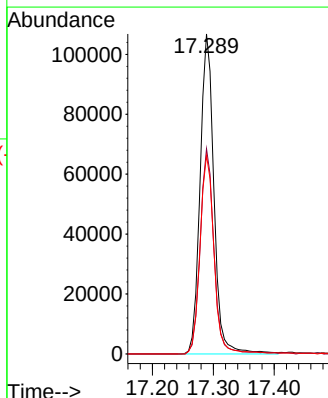
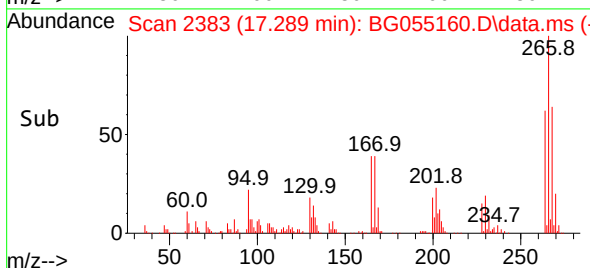
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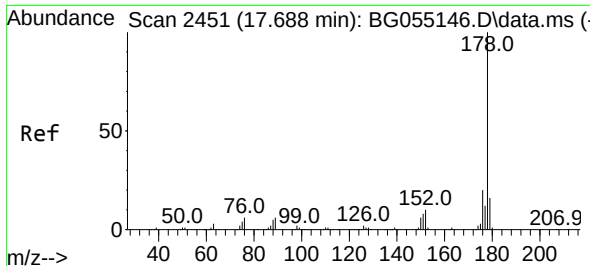


#70
 Pentachlorophenol
 Concen: 77.769 ng
 RT: 17.289 min Scan# 2383
 Delta R.T. -0.000 min
 Lab File: BG055160.D
 Acq: 13 Oct 2022 12:09



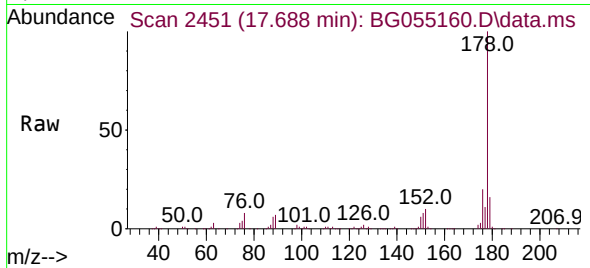
Tgt Ion:266 Resp: 168426
 Ion Ratio Lower Upper
 266 100
 268 64.1 54.2 81.4
 264 62.0 52.7 79.1





#71
Phenanthrene
Concen: 36.934 ng
RT: 17.688 min Scan# 2451
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS



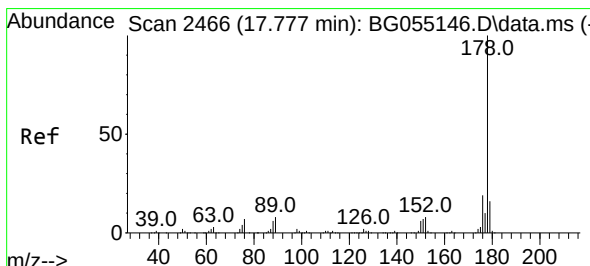
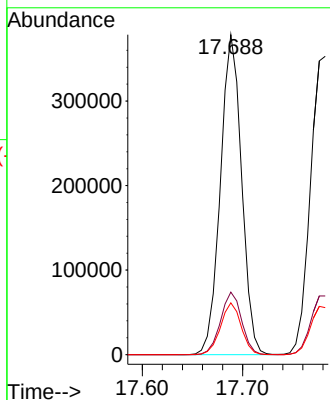
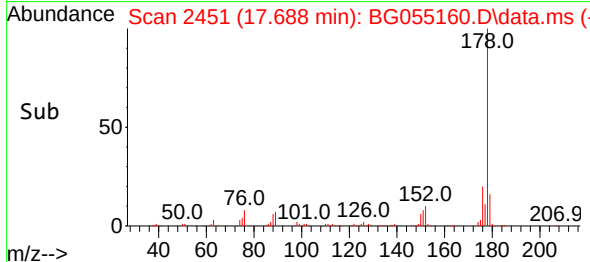
Tgt Ion:178 Resp: 555774
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 16.2 12.7 19.1

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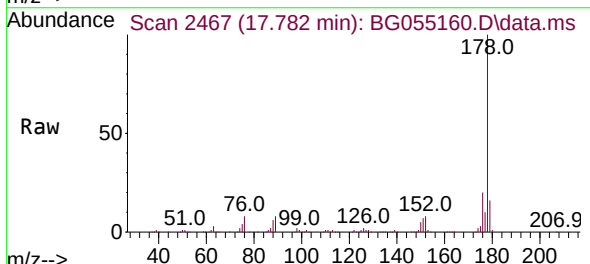
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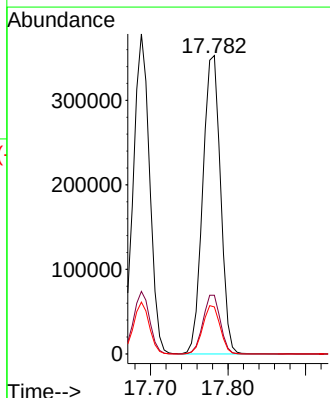
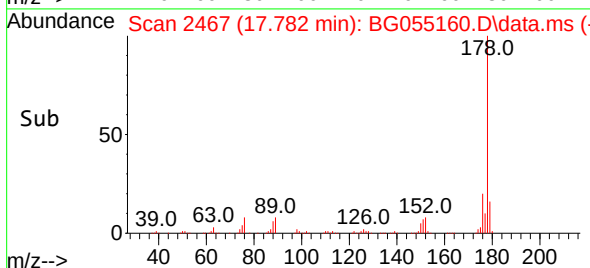
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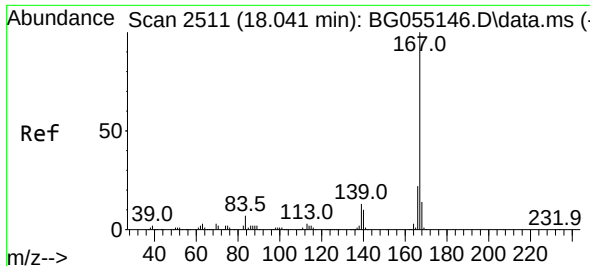


#72
Anthracene
Concen: 38.116 ng
RT: 17.782 min Scan# 2467
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09



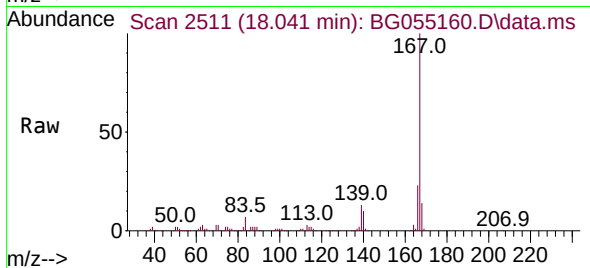
Tgt Ion:178 Resp: 560529
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.8 13.0 19.4





#73
 Carbazole
 Concen: 38.741 ng
 RT: 18.041 min Scan# 2511
 Delta R.T. -0.000 min
 Lab File: BG055160.D
 Acq: 13 Oct 2022 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB148287BS



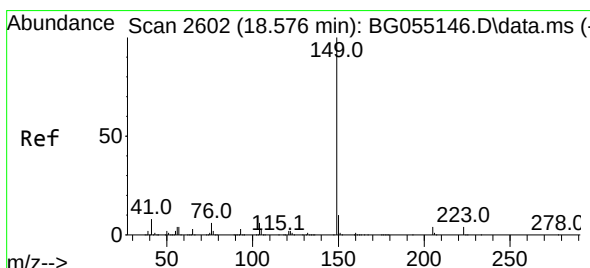
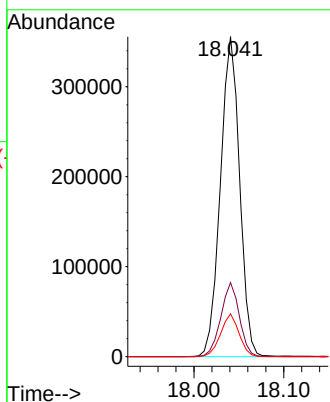
Tgt Ion:167 Resp: 530452
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.9 26.9
 139 13.4 10.2 15.2

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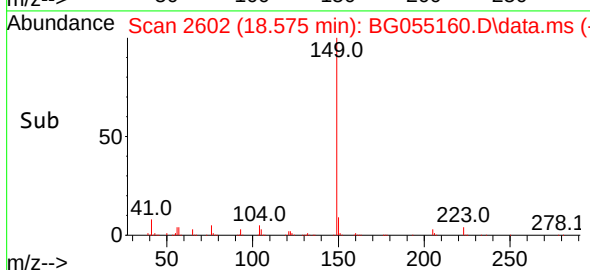
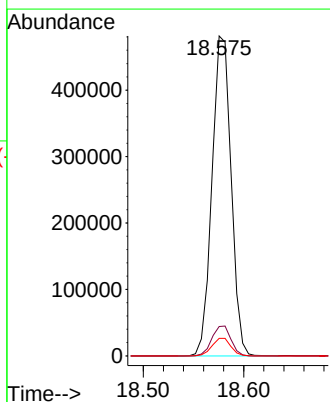
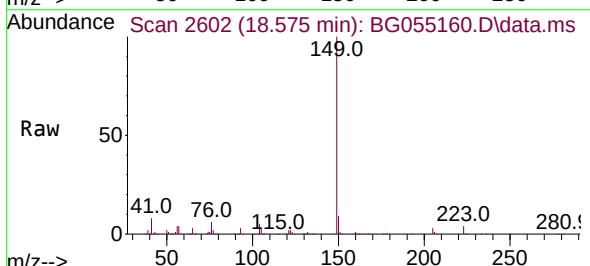
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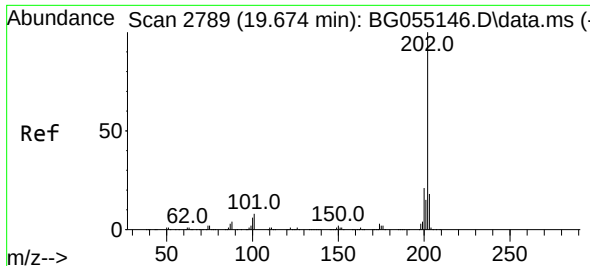
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#74
 Di-n-butylphthalate
 Concen: 37.810 ng
 RT: 18.575 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: BG055160.D
 Acq: 13 Oct 2022 12:09

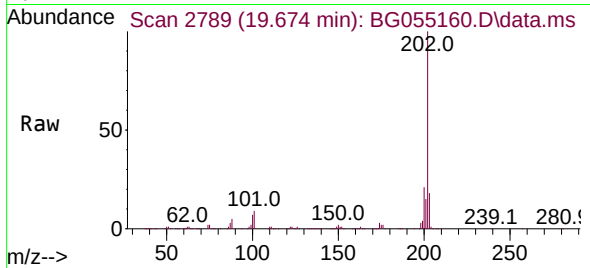
Tgt Ion:149 Resp: 637328
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.5 4.6 6.8





#75
Fluoranthene
Concen: 37.410 ng
RT: 19.674 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS



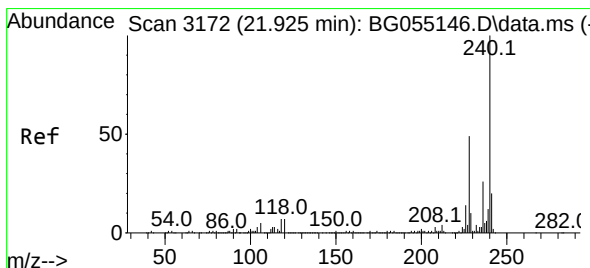
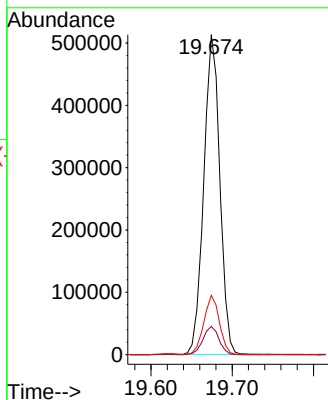
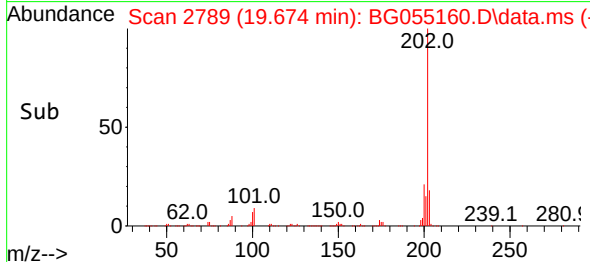
Tgt Ion:202 Resp: 703694
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.4
203 18.5 0.0 37.8

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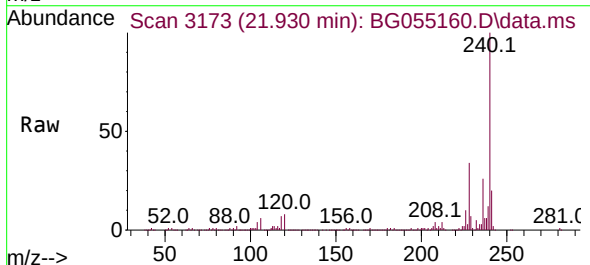
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Upadhyay

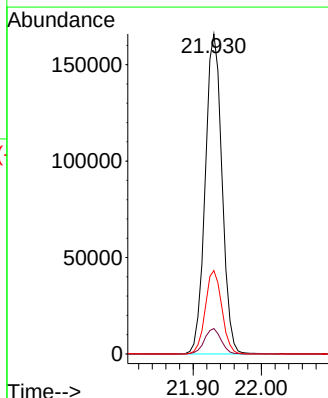
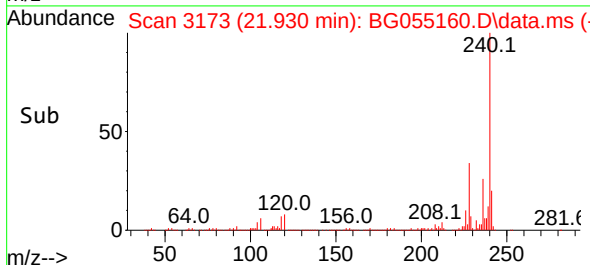
10/14/2022

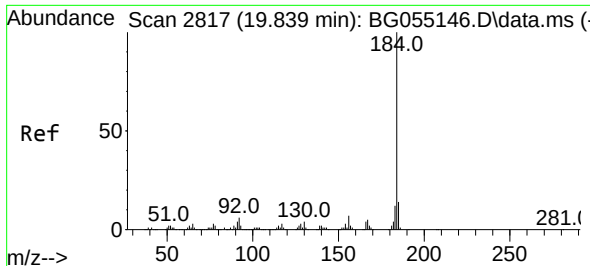


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3173
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09



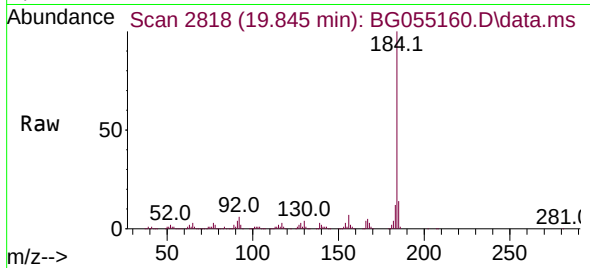
Tgt Ion:240 Resp: 282424
Ion Ratio Lower Upper
240 100
120 7.9 5.4 8.0
236 26.0 20.6 31.0





#77
Benzidine
Concen: 68.903 ng
RT: 19.845 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS



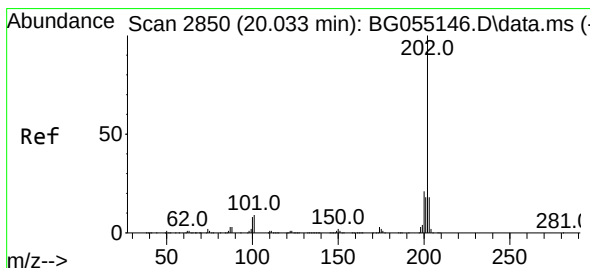
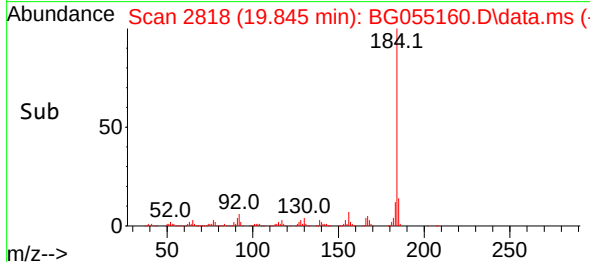
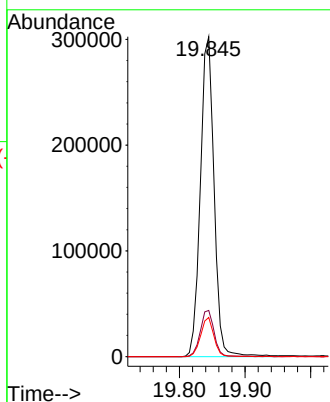
Tgt Ion:184 Resp: 436390
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 12.2 9.4 14.2

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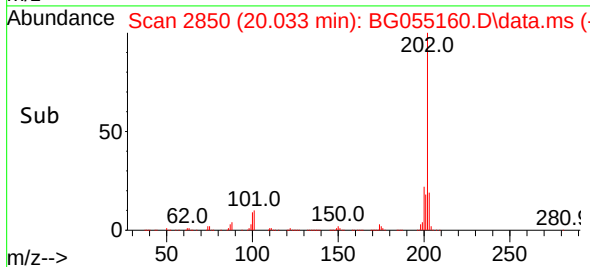
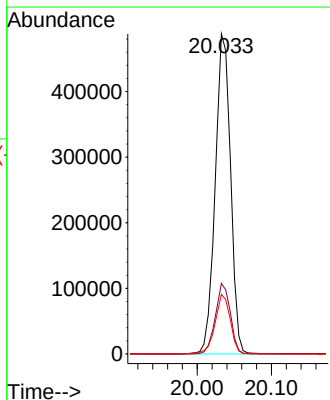
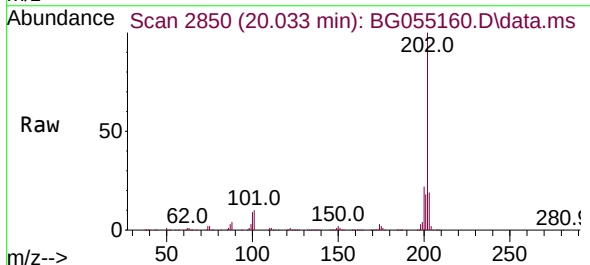
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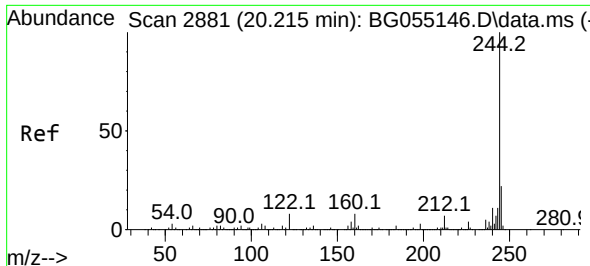
10/14/2022



#78
Pyrene
Concen: 37.201 ng
RT: 20.033 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:202 Resp: 700381
Ion Ratio Lower Upper
202 100
200 22.0 16.9 25.3
203 18.6 14.4 21.6





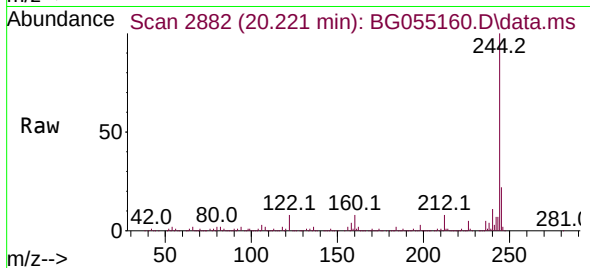
#79
Terphenyl-d14
Concen: 79.367 ng
RT: 20.221 min Scan# 2881
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS



Tgt Ion:244 Resp: 111295
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 8.2 6.6 10.0

Manual Integrations

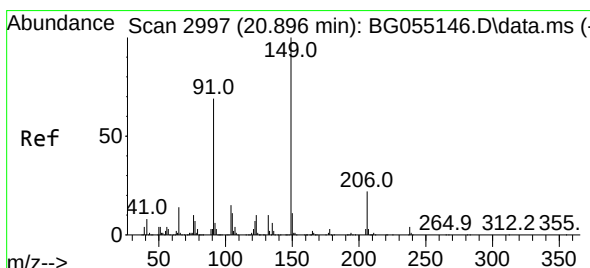
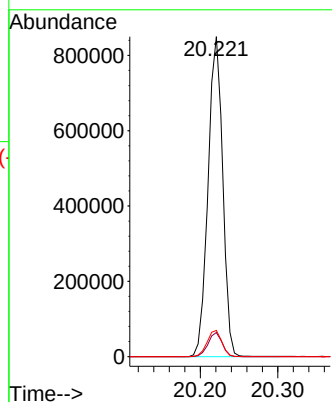
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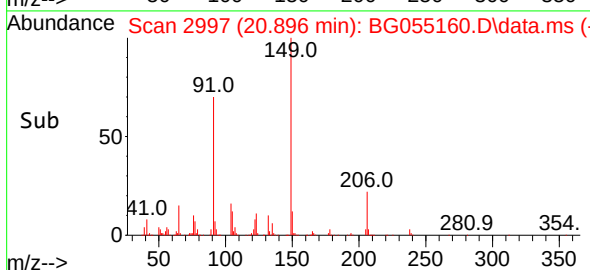
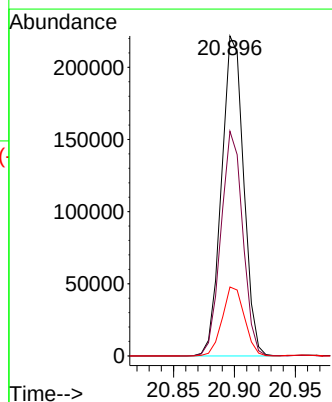
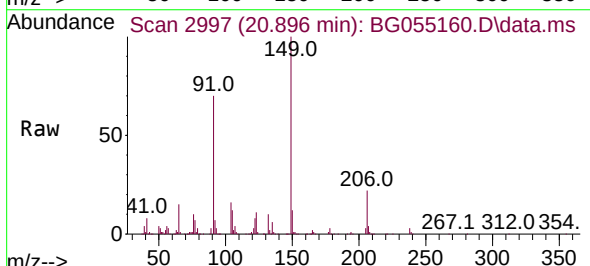
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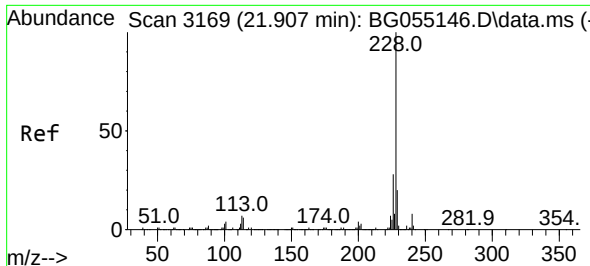
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#80
Butylbenzylphthalate
Concen: 38.758 ng
RT: 20.896 min Scan# 2997
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

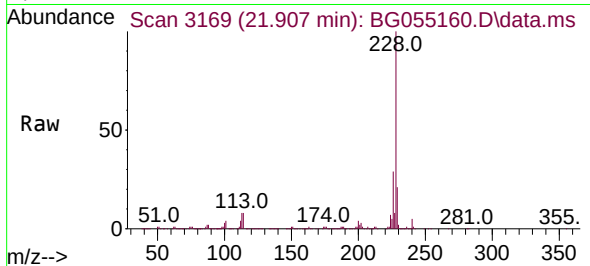
Tgt Ion:149 Resp: 280120
Ion Ratio Lower Upper
149 100
91 70.2 55.1 82.7
206 21.5 17.9 26.9





#81
Benzo(a)anthracene
Concen: 37.057 ng
RT: 21.907 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS



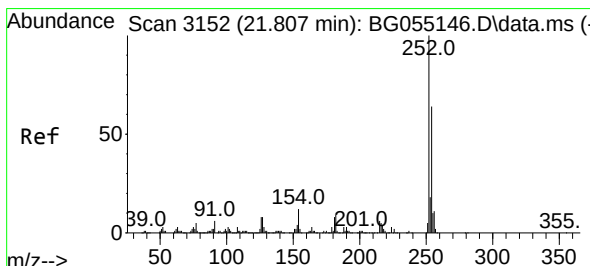
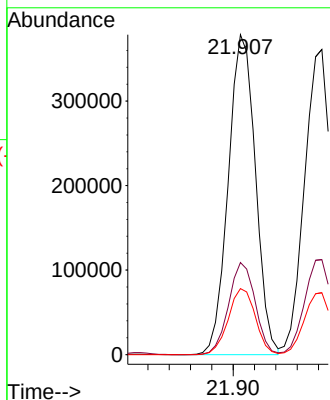
Tgt Ion:228 Resp: 669624
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 20.6 16.2 24.4

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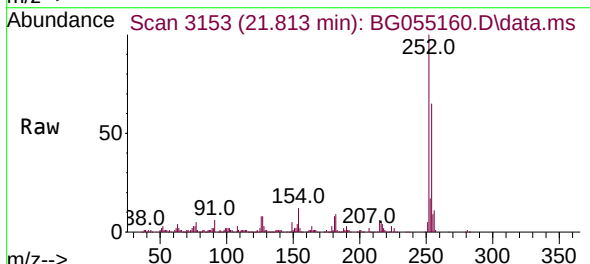
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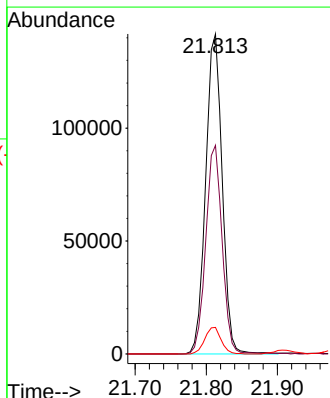
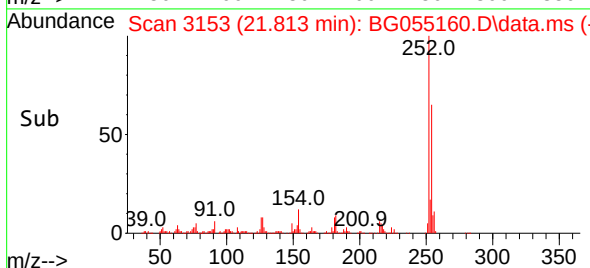
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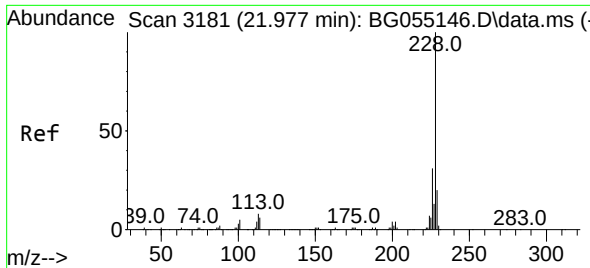


#82
3,3'-Dichlorobenzidine
Concen: 36.849 ng
RT: 21.813 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09



Tgt Ion:252 Resp: 228519
Ion Ratio Lower Upper
252 100
254 65.2 51.6 77.4
126 8.3 6.3 9.5





#83

Chrysene

Concen: 36.797 ng

RT: 21.983 min Scan# 3182

Delta R.T. 0.006 min

Lab File: BG055160.D

Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

Tgt Ion:	228	Resp:	62723
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.1	37.7
229	20.3	16.2	24.2

Manual Integrations

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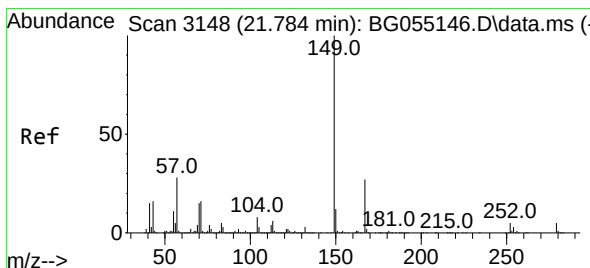
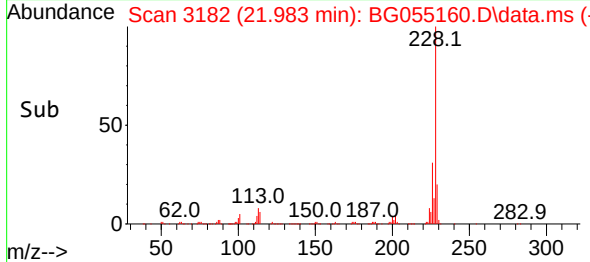
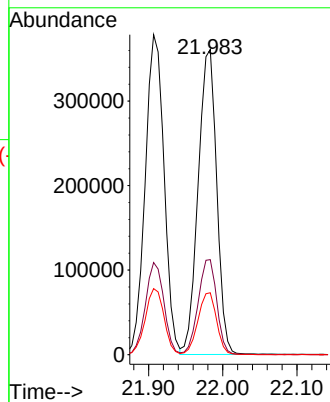
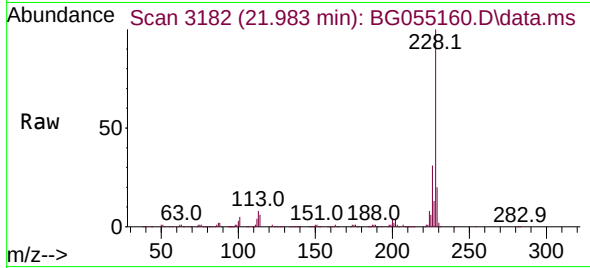
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#84

Bis(2-ethylhexyl)phthalate

Concen: 38.992 ng

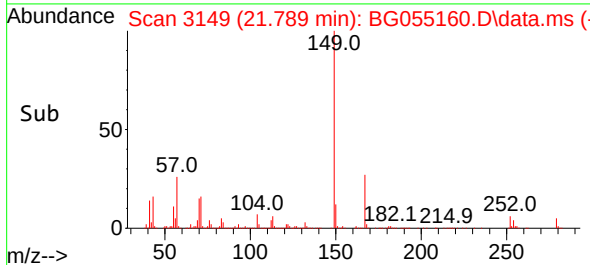
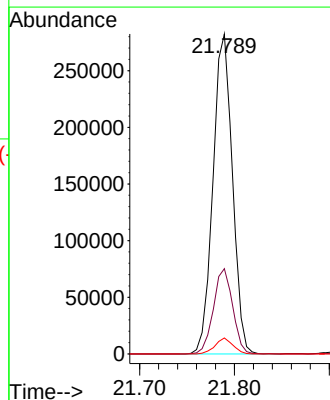
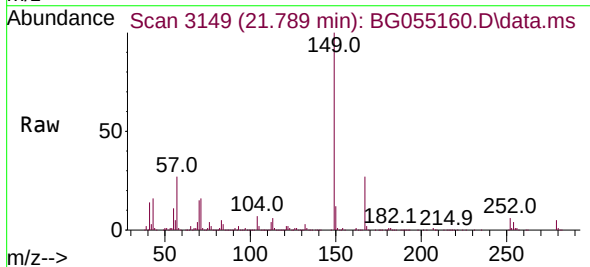
RT: 21.789 min Scan# 3149

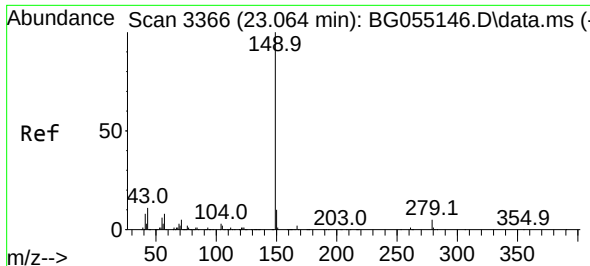
Delta R.T. 0.006 min

Lab File: BG055160.D

Acq: 13 Oct 2022 12:09

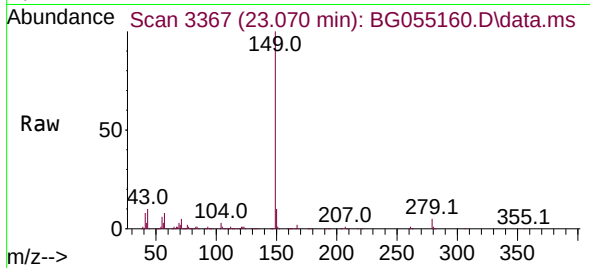
Tgt Ion:	149	Resp:	401429
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.4	32.0
279	5.0	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 39.341 ng
RT: 23.070 min Scan# 3366
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS



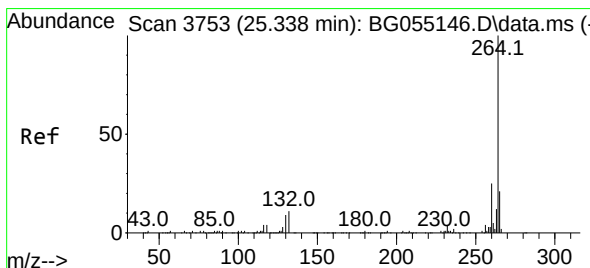
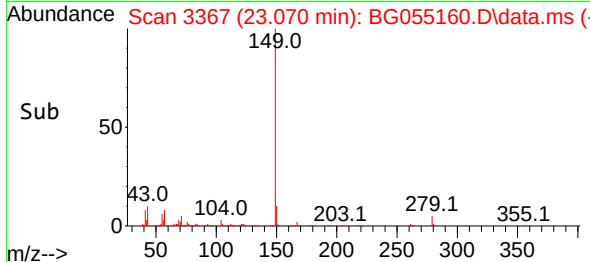
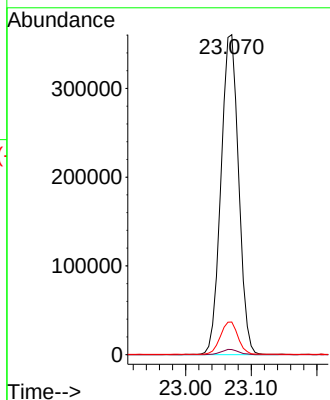
Tgt Ion:149 Resp: 675249
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.1 8.6 12.8

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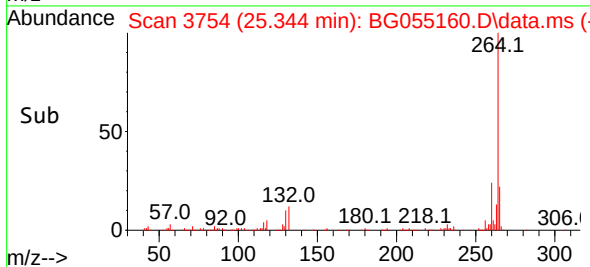
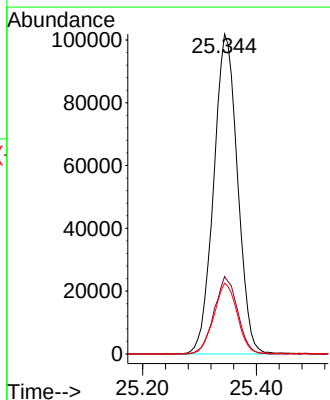
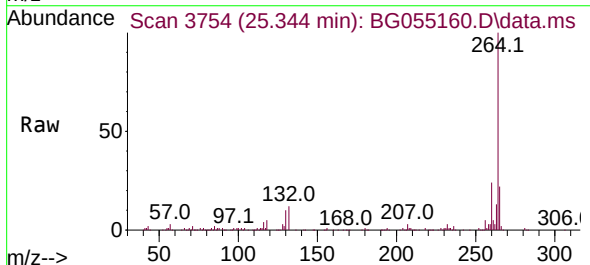
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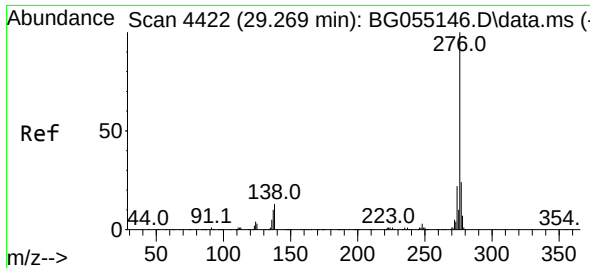
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.344 min Scan# 3754
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:264 Resp: 296262
Ion Ratio Lower Upper
264 100
260 24.2 20.1 30.1
265 22.1 16.8 25.2





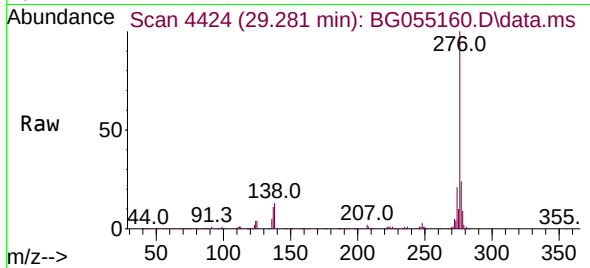
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.851 ng
 RT: 29.281 min Scan# 4422
 Delta R.T. 0.012 min
 Lab File: BG055160.D
 Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS



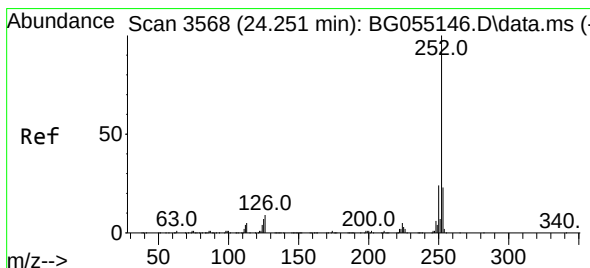
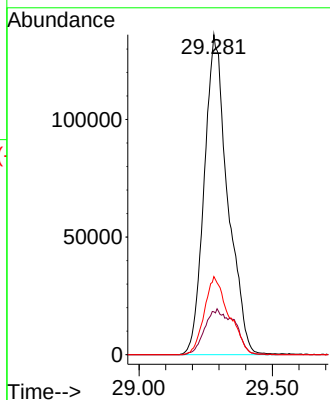
Tgt Ion:276 Resp: 830662
 Ion Ratio Lower Upper
 276 100
 138 12.7 13.4 20.0
 277 25.5 20.5 30.7

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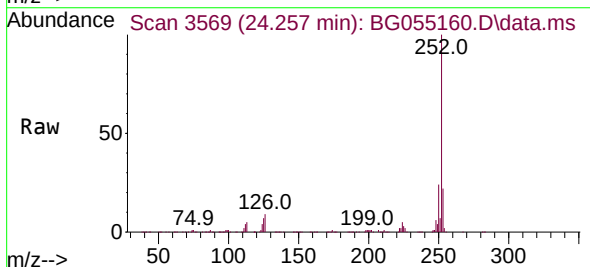
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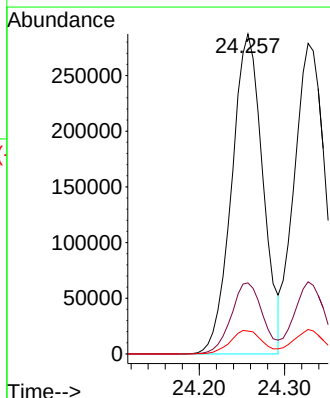
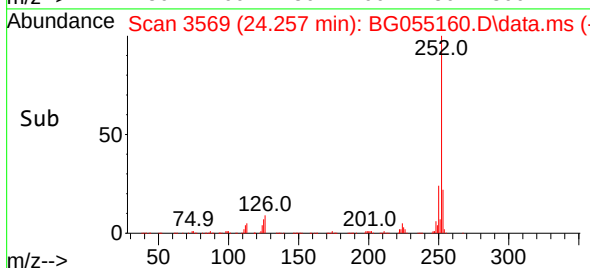
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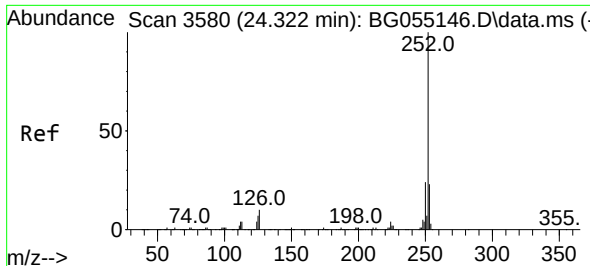


#88
 Benzo(b)fluoranthene
 Concen: 41.279 ng
 RT: 24.257 min Scan# 3569
 Delta R.T. 0.006 min
 Lab File: BG055160.D
 Acq: 13 Oct 2022 12:09



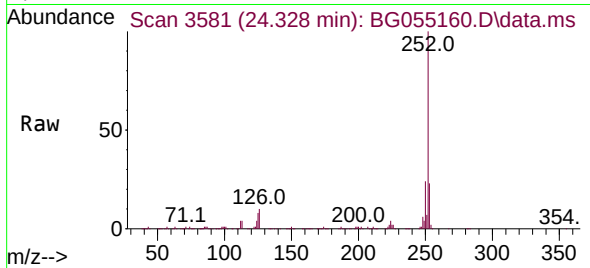
Tgt Ion:252 Resp: 728898
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.2 27.2
 125 7.1 5.7 8.5





#89
Benzo(k)fluoranthene
Concen: 39.376 ng
RT: 24.328 min Scan# 3580
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB148287BS



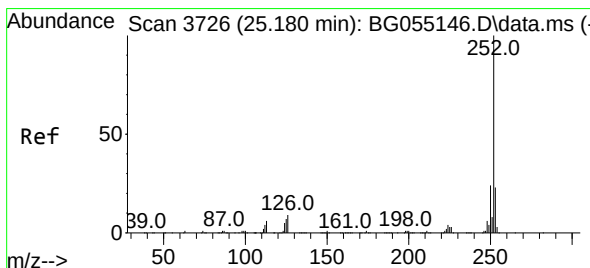
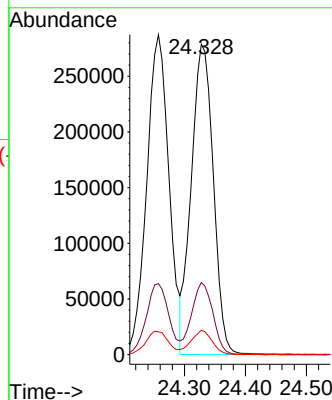
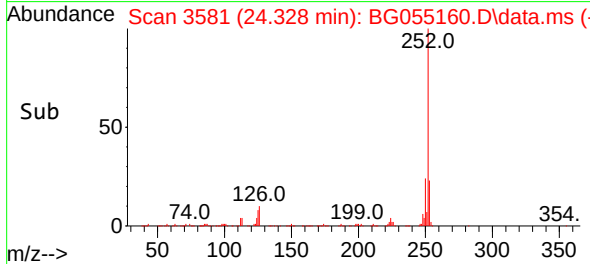
Tgt Ion:252 Resp: 698559
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 7.9 5.8 8.6

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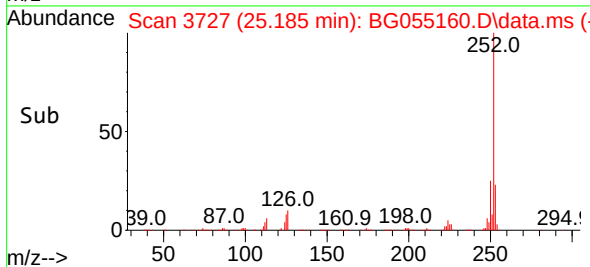
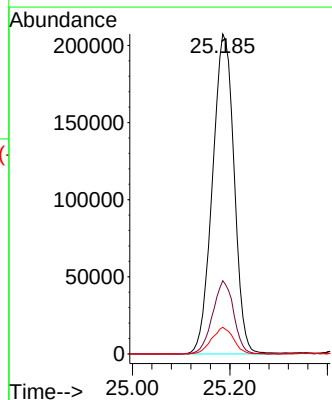
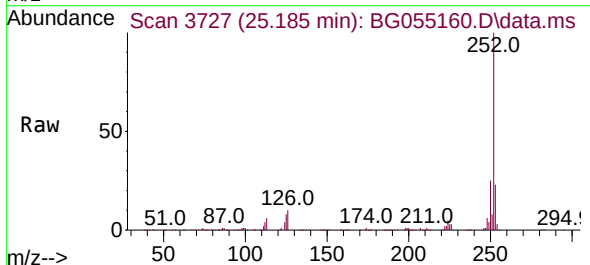
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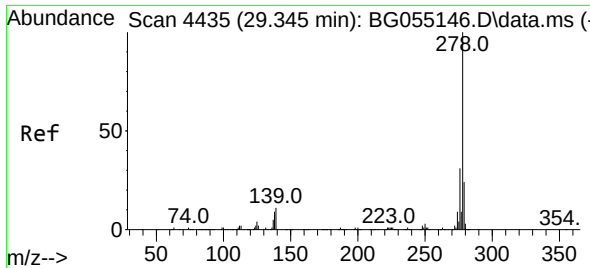
10/14/2022



#90
Benzo(a)pyrene
Concen: 42.265 ng
RT: 25.185 min Scan# 3727
Delta R.T. 0.006 min
Lab File: BG055160.D
Acq: 13 Oct 2022 12:09

Tgt Ion:252 Resp: 638182
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 8.3 5.8 8.8





#91
 Dibenzo(a,h)anthracene
 Concen: 39.739 ng
 RT: 29.351 min Scan# 4435
 Delta R.T. 0.006 min
 Lab File: BG055160.D
 Acq: 13 Oct 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB148287BS

Tgt Ion:278 Resp: 72166
 Ion Ratio Lower Upper
 278 100
 139 10.4 8.4 12.6
 279 24.1 19.2 28.8

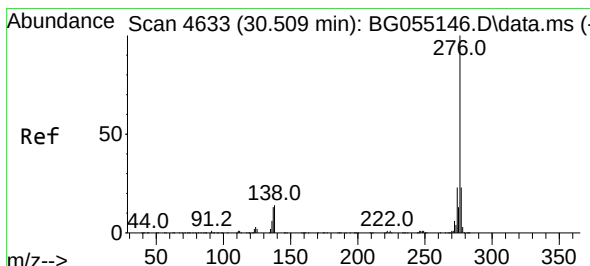
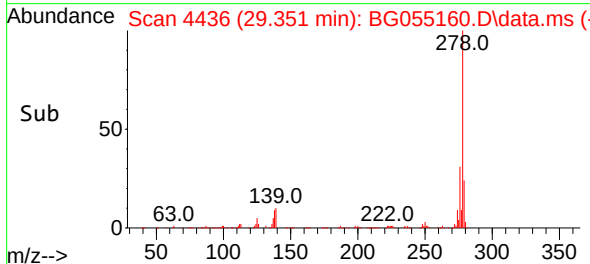
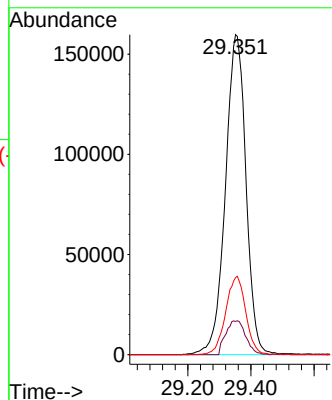
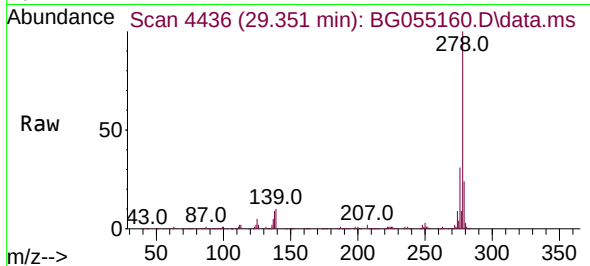
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 Upadhyay

10/14/2022



#92
 Benzo(g,h,i)perylene
 Concen: 39.902 ng
 RT: 30.526 min Scan# 4636
 Delta R.T. 0.017 min
 Lab File: BG055160.D
 Acq: 13 Oct 2022 12:09

Tgt Ion:276 Resp: 709826
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.4 27.6
 138 14.9 11.2 16.8

