

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056695.D
 Acq On : 22 Feb 2023 13:03
 Operator : CG/JU
 Sample : PB150950BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150950BS

Quant Time: Feb 22 14:24:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 18:07:35 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.427	152	17975	20.000	ng	-0.01	
21) Naphthalene-d8	11.270	136	81965	20.000	ng	0.00	
39) Acenaphthene-d10	15.037	164	68062	20.000	ng	0.00	
64) Phenanthrene-d10	17.769	188	173590	20.000	ng	0.00	
76) Chrysene-d12	22.087	240	140397	20.000	ng	-0.01	
86) Perylene-d12	25.618	264	141333	20.000	ng	-0.02	
System Monitoring Compounds							
5) 2-Fluorophenol	5.935	112	178298	161.393	ng	0.00	
7) Phenol-d6	7.557	99	263271	161.330	ng	0.00	
23) Nitrobenzene-d5	9.608	82	169538	105.906	ng	0.00	
42) 2,4,6-Tribromophenol	16.511	330	144870	155.465	ng	0.00	
45) 2-Fluorobiphenyl	13.662	172	417346	82.109	ng	-0.01	
79) Terphenyl-d14	20.336	244	844837	98.453	ng	-0.01	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.738	88	12402	25.606	ng		97
3) Pyridine	4.161	79	41569	27.134	ng		95
4) n-Nitrosodimethylamine	4.067	42	28386	39.751	ng		87
6) Aniline	7.739	93	84116	37.089	ng		97
8) 2-Chlorophenol	7.986	128	60852	55.672	ng		94
9) Benzaldehyde	7.551	77	19575	22.682	ng		86
10) Phenol	7.581	94	91863	55.031	ng		98
11) bis(2-Chloroethyl)ether	7.827	93	57837	46.178	ng		98
12) 1,3-Dichlorobenzene	8.315	146	59909	46.002	ng		94
13) 1,4-Dichlorobenzene	8.462	146	60959	46.479	ng		96
14) 1,2-Dichlorobenzene	8.791	146	59969	47.570	ng		98
15) Benzyl Alcohol	8.656	79	74672	51.103	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.950	45	77596	46.146	ng		98
17) 2-Methylphenol	8.856	107	61355	52.302	ng		98
18) Hexachloroethane	9.531	117	21001	50.549	ng		97
19) n-Nitroso-di-n-propyla...	9.232	70	59498	48.702	ng		98
20) 3+4-Methylphenols	9.185	107	81993	50.880	ng		91
22) Acetophenone	9.255	105	106467	42.511	ng	#	99
24) Nitrobenzene	9.649	77	88078	47.280	ng		99
25) Isophorone	10.172	82	163917	42.073	ng		98
26) 2-Nitrophenol	10.366	139	36363	55.166	ng	#	83
27) 2,4-Dimethylphenol	10.401	122	68324	45.360	ng		97
28) bis(2-Chloroethoxy)met...	10.642	93	86052	43.340	ng		98
29) 2,4-Dichlorophenol	10.900	162	73459	49.206	ng		99
30) 1,2,4-Trichlorobenzene	11.123	180	73950	41.583	ng		96
31) Naphthalene	11.317	128	193211	42.532	ng		98
32) Benzoic acid	10.536	122	50335	51.848	ng		88
33) 4-Chloroaniline	11.411	127	58260	28.071	ng		96
34) Hexachlorobutadiene	11.593	225	51114	40.220	ng		95
35) Caprolactam	12.181	113	15228	31.715	ng		93
36) 4-Chloro-3-methylphenol	12.498	107	86041	52.263	ng		96
37) 2-Methylnaphthalene	12.892	142	150858	42.059	ng		97
38) 1-Methylnaphthalene	13.109	142	138720	41.447	ng		98
40) 1,2,4,5-Tetrachloroben...	13.250	216	101689	40.190	ng		98
41) Hexachlorocyclopentadiene	13.227	237	133104	96.992	ng		98

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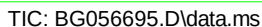
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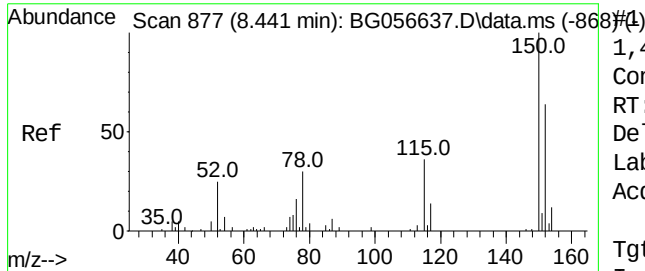
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.474	196	74258	48.373	ng	97
44) 2,4,5-Trichlorophenol	13.550	196	82113	44.630	ng	97
46) 1,1'-Biphenyl	13.873	154	217746	42.233	ng	98
47) 2-Chloronaphthalene	13.926	162	175233	42.949	ng	99
48) 2-Nitroaniline	14.114	65	65537	54.361	ng	91
49) Acenaphthylene	14.760	152	275598	41.572	ng	98
50) Dimethylphthalate	14.472	163	248953	44.247	ng	99
51) 2,6-Dinitrotoluene	14.596	165	52470	47.899	ng	91
52) Acenaphthene	15.101	154	209544	51.243	ng	99
53) 3-Nitroaniline	14.925	138	38826	35.550	ng	# 99
54) 2,4-Dinitrophenol	15.131	184	76105	117.082	ng	# 49
55) Dibenzofuran	15.430	168	293564	42.493	ng	100
56) 4-Nitrophenol	15.213	139	90493	108.144	ng	84
57) 2,4-Dinitrotoluene	15.377	165	74960	54.628	ng	# 87
58) Fluorene	16.071	166	237603	43.499	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.648	232	81735	50.688	ng	# 92
60) Diethylphthalate	15.818	149	252932	44.565	ng	99
61) 4-Chlorophenyl-phenyle...	16.053	204	138926	41.632	ng	98
62) 4-Nitroaniline	16.082	138	54631	47.996	ng	91
63) Azobenzene	16.347	77	245549	43.229	ng	99
65) 4,6-Dinitro-2-methylph...	16.135	198	50193	55.992	ng	83
66) n-Nitrosodiphenylamine	16.264	169	220840	43.731	ng	98
67) 4-Bromophenyl-phenylether	16.946	248	96035	43.090	ng	90
68) Hexachlorobenzene	17.075	284	104607	46.069	ng	97
69) Atrazine	17.199	200	92079	47.484	ng	99
70) Pentachlorophenol	17.410	266	132717	88.257	ng	95
71) Phenanthrene	17.816	178	417035	44.158	ng	99
72) Anthracene	17.904	178	418076	43.263	ng	99
73) Carbazole	18.162	167	364876	43.800	ng	99
74) Di-n-butylphthalate	18.691	149	416988	44.729	ng	99
75) Fluoranthene	19.796	202	498284	39.986	ng	99
77) Benzidine	19.954	184	144039	42.895	ng	99
78) Pyrene	20.154	202	487484	45.976	ng	99
80) Butylbenzylphthalate	21.018	149	158429	49.758	ng	97
81) Benzo(a)anthracene	22.064	228	447543	42.864	ng	98
82) 3,3'-Dichlorobenzidine	21.958	252	126130	37.234	ng	98
83) Chrysene	22.134	228	415753	42.595	ng	99
84) Bis(2-ethylhexyl)phtha...	21.928	149	219413	45.987	ng	99
85) Di-n-octyl phthalate	23.245	149	370873	46.768	ng	96
87) Indeno(1,2,3-cd)pyrene	29.725	276	523429	47.289	ng	100
88) Benzo(b)fluoranthene	24.490	252	446490	48.356	ng	99
89) Benzo(k)fluoranthene	24.567	252	440932	48.561	ng	98
90) Benzo(a)pyrene	25.460	252	391222	44.079	ng	99
91) Dibenzo(a,h)anthracene	29.790	278	446600	48.716	ng	99
92) Benzo(g,h,i)perylene	31.000	276	427319	47.704	ng	97

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

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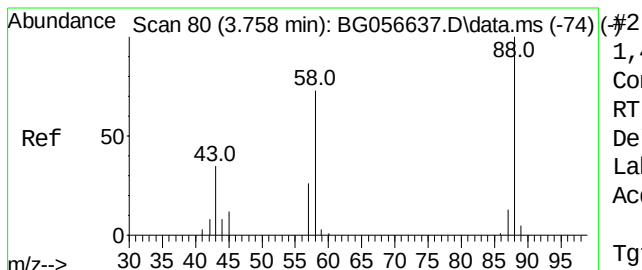
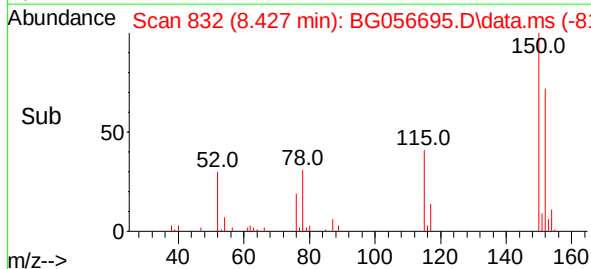
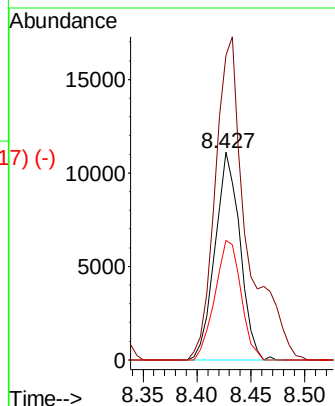
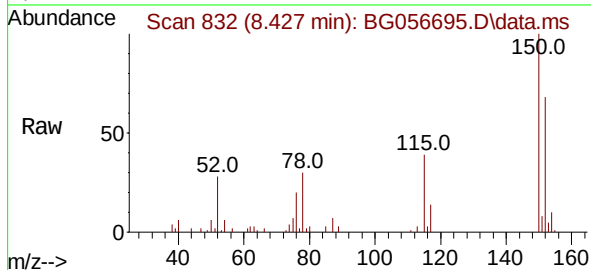




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.427 min Scan# 8
 Delta R.T. -0.014 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03

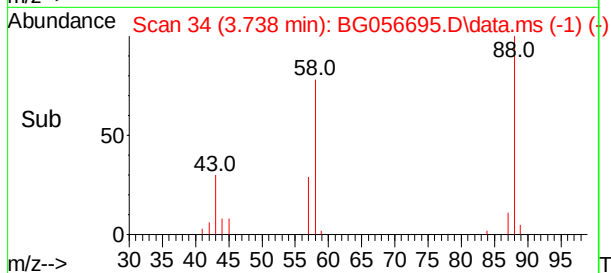
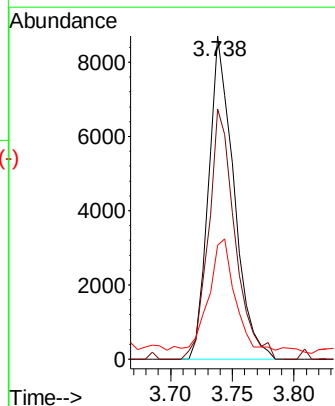
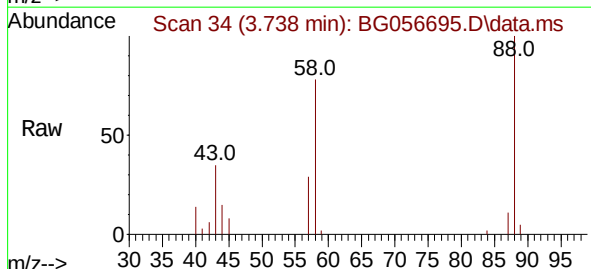
Instrument :
 BNA_G
 ClientSampleId :
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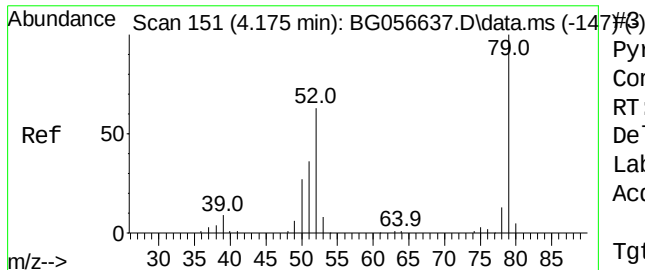
Tgt Ion: 152 Resp: 17975
 Ion Ratio Lower Upper
 152 100
 150 146.6 124.8 187.2
 115 57.6 44.7 67.1



1,4-Dioxane
 Concen: 25.606 ng
 RT: 3.738 min Scan# 34
 Delta R.T. -0.020 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03

Tgt Ion: 88 Resp: 12402
 Ion Ratio Lower Upper
 88 100
 58 81.0 62.2 93.2
 43 34.3 26.6 40.0





Pyridine

Concen: 27.134 ng

RT: 4.161 min Scan# 1

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

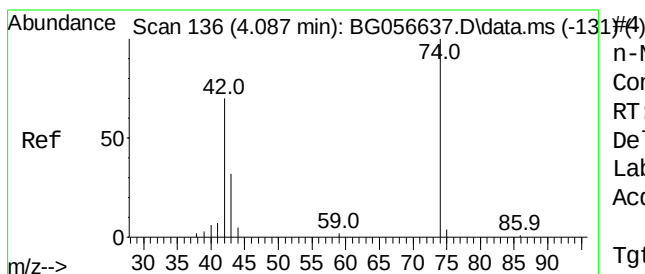
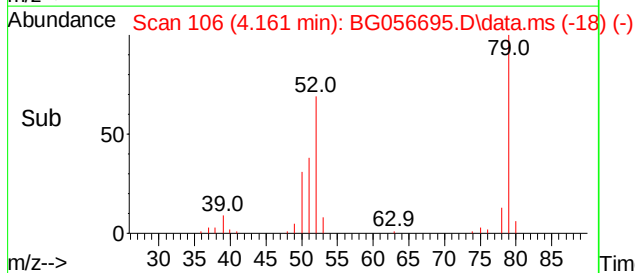
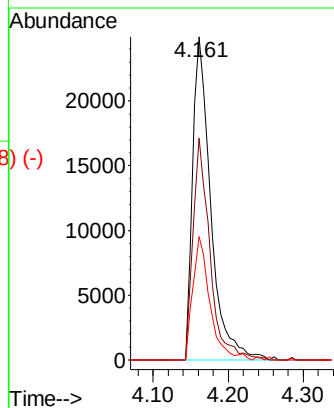
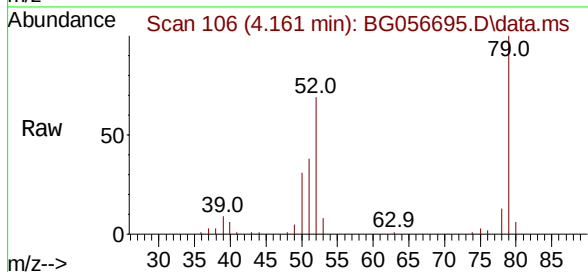
Tgt Ion: 79 Resp: 41569

Ion Ratio Lower Upper

79 100

52 68.8 50.8 76.2

51 38.3 29.1 43.7



n-Nitrosodimethylamine

Concen: 39.751 ng

RT: 4.067 min Scan# 90

Delta R.T. -0.020 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

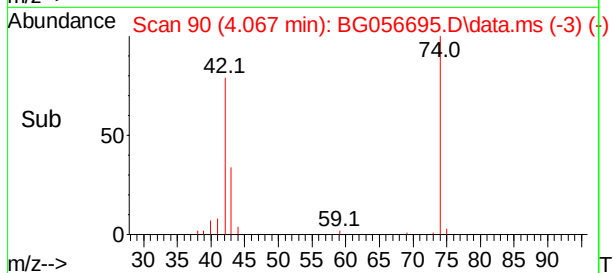
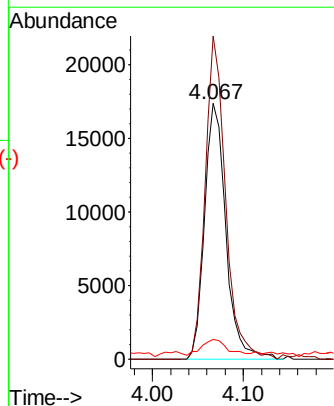
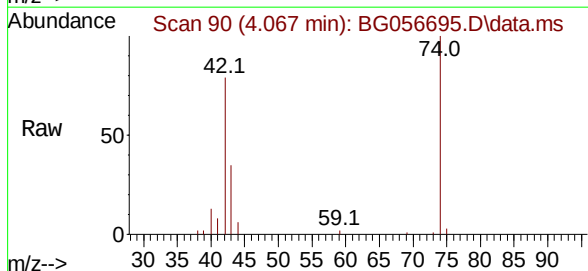
Tgt Ion: 42 Resp: 28386

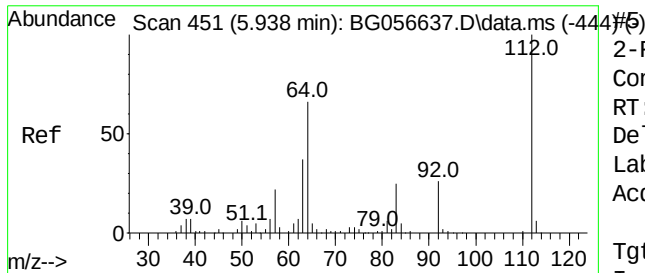
Ion Ratio Lower Upper

42 100

74 126.3 114.5 171.7

44 7.6 7.2 10.8





2-Fluorophenol

Concen: 161.393 ng

RT: 5.935 min Scan# 4

Delta R.T. -0.002 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

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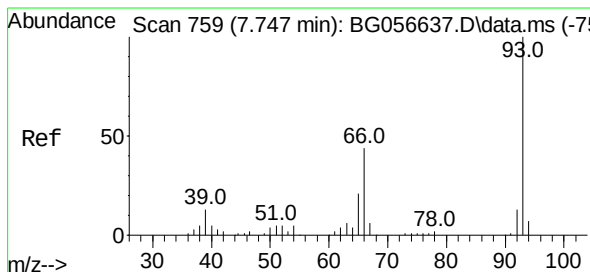
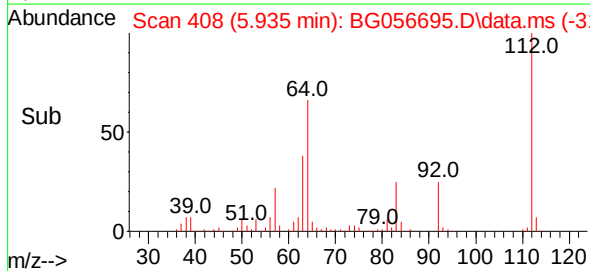
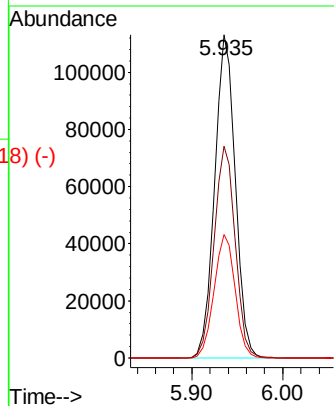
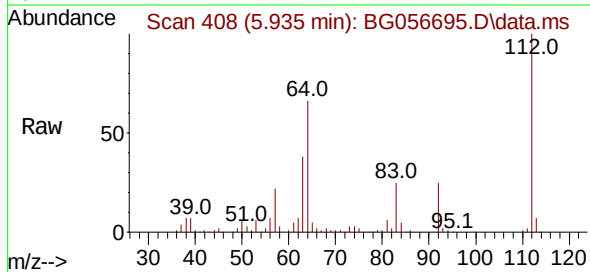
Tgt Ion:112 Resp: 178298

Ion Ratio Lower Upper

112 100

64 65.5 52.6 78.8

63 38.2 29.8 44.6



Aniline

Concen: 37.089 ng

RT: 7.739 min Scan# 715

Delta R.T. -0.008 min

Lab File: BG056695.D

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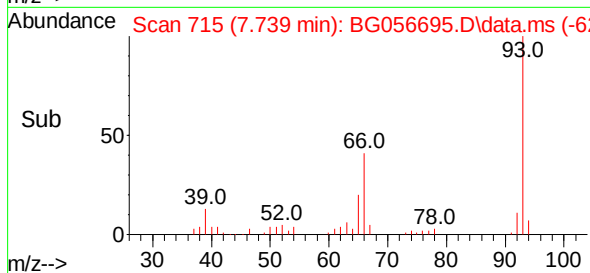
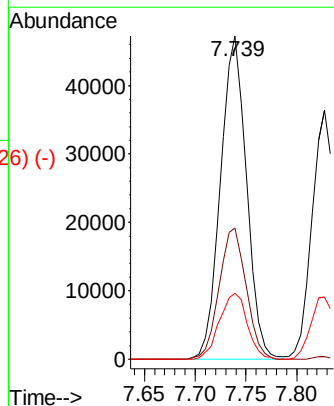
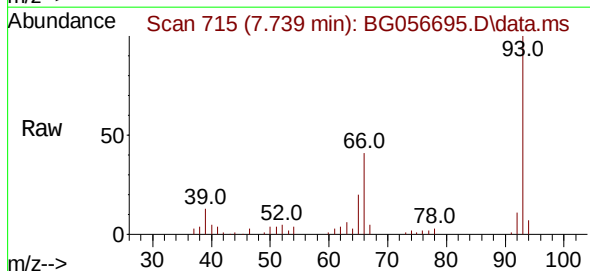
Tgt Ion: 93 Resp: 84116

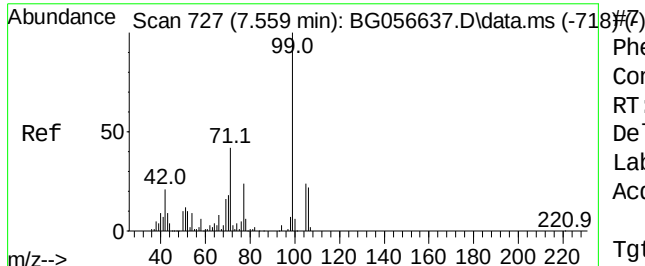
Ion Ratio Lower Upper

93 100

66 40.7 35.0 52.4

65 20.4 16.5 24.7

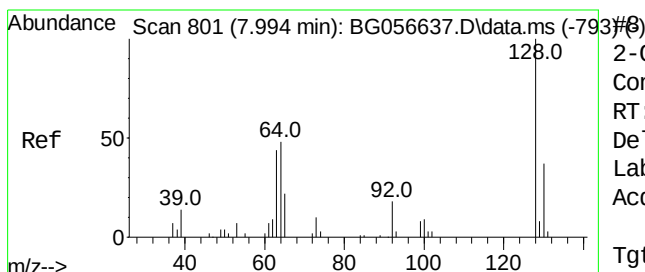
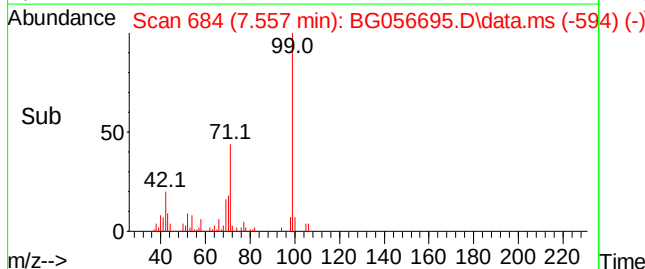
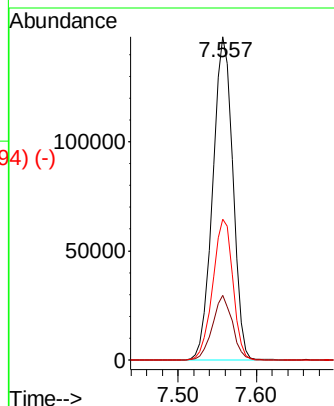
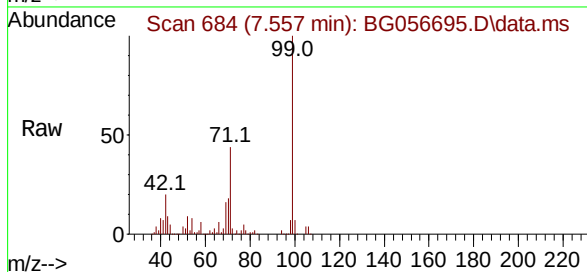




Phenol-d6
 Concen: 161.330 ng
 RT: 7.557 min Scan#
 Delta R.T. -0.002 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03

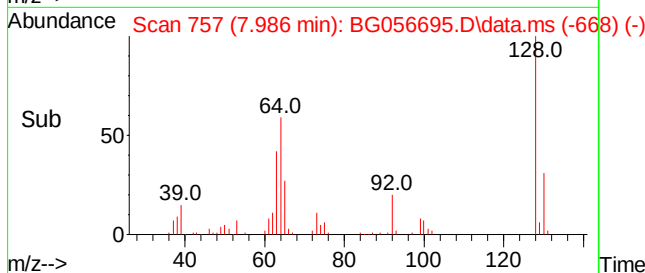
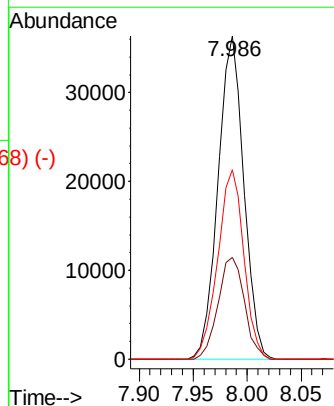
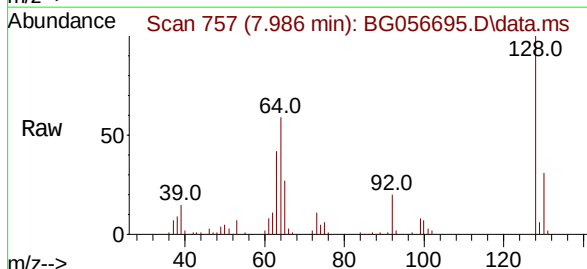
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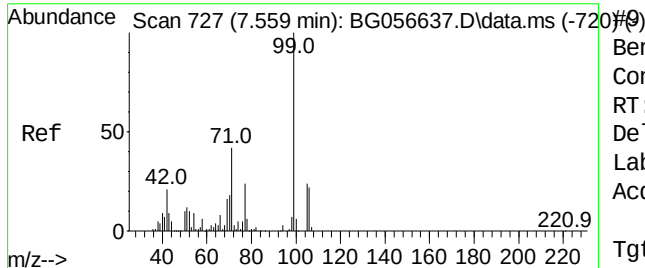
Tgt Ion:	99	Resp:	263271
Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.8	25.2
71	43.6	33.9	50.9



2-Chlorophenol
 Concen: 55.672 ng
 RT: 7.986 min Scan# 757
 Delta R.T. -0.008 min
 Lab File: BG056695.D
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Tgt Ion:	128	Resp:	60852
Ion	Ratio	Lower	Upper
128	100		
130	31.4	16.8	56.8
64	58.6	36.3	76.3





Benzaldehyde

Concen: 22.682 ng

RT: 7.551 min Scan#

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

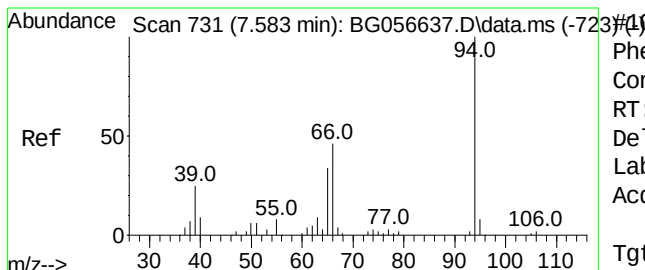
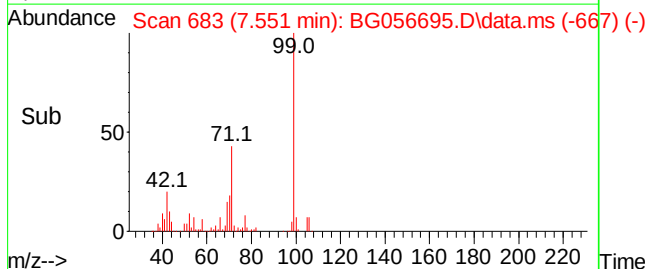
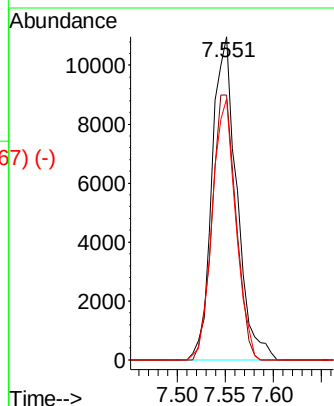
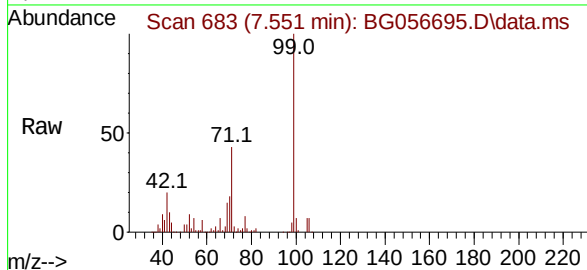
Tgt Ion: 77 Resp: 19575

Ion Ratio Lower Upper

77 100

105 81.9 78.4 118.4

106 80.8 71.3 111.3



Phenol

Concen: 55.031 ng

RT: 7.581 min Scan# 688

Delta R.T. -0.002 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

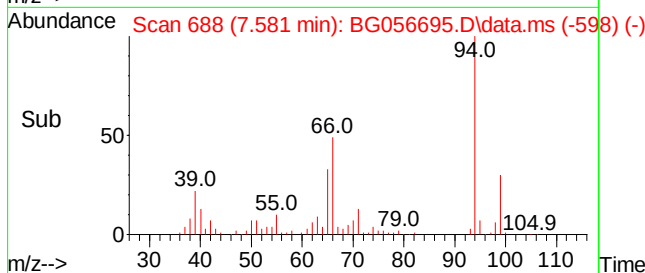
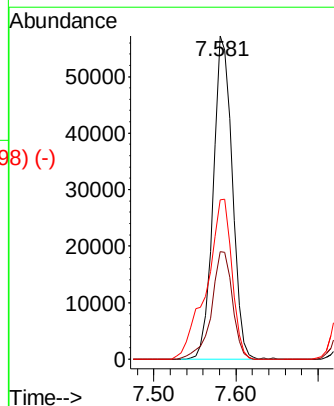
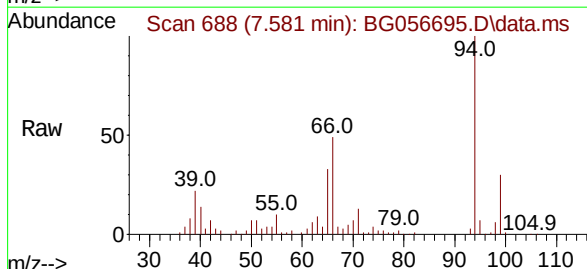
Tgt Ion: 94 Resp: 91863

Ion Ratio Lower Upper

94 100

65 33.3 14.2 54.2

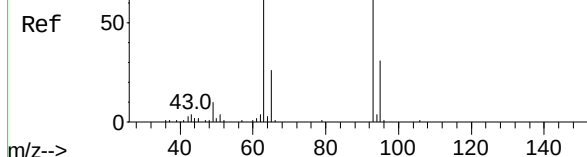
66 49.2 27.9 67.9



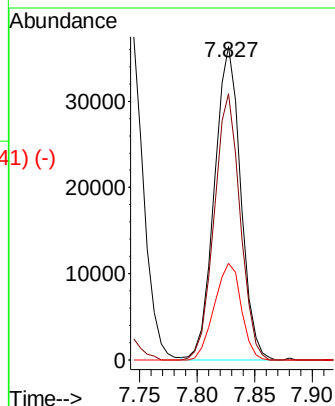
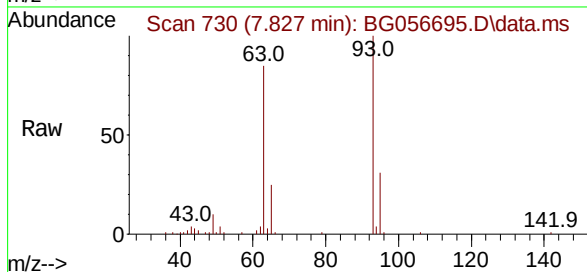
Abundance Scan 774 (7.835 min): BG056637.D\data.ms (-768) #11

bis(2-Chloroethyl)ether
Concen: 46.178 ng
RT: 7.827 min Scan#
Delta R.T. -0.008 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

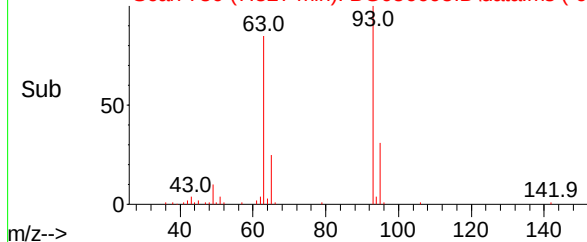
Instrument :
BNA_G
ClientSampleId :
PB150950BS



Tgt Ion:	93	Resp:	57837
Ion	Ratio	Lower	Upper
93	100		
63	84.9	62.8	102.8
95	30.8	10.8	50.8



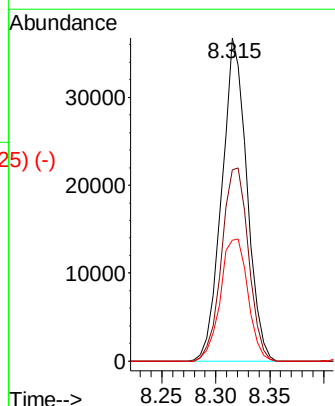
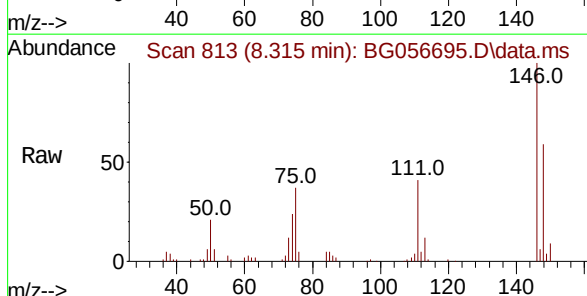
Abundance Scan 730 (7.827 min): BG056695.D\data.ms (-641) (-)



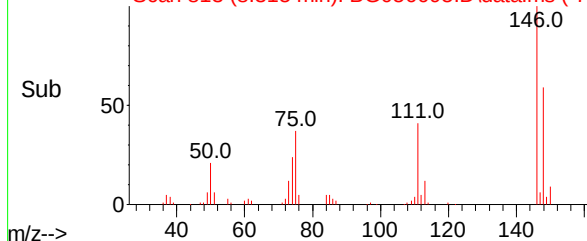
Abundance Scan 858 (8.329 min): BG056637.D\data.ms (-850) #12

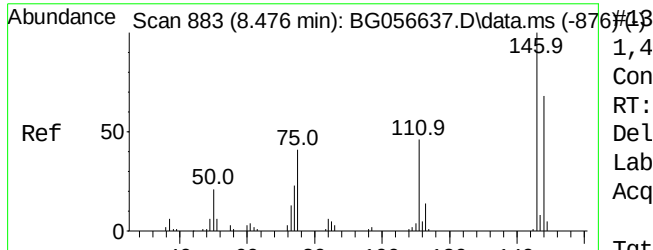
1,3-Dichlorobenzene
Concen: 46.002 ng
RT: 8.315 min Scan# 813
Delta R.T. -0.014 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:	146	Resp:	59909
Ion	Ratio	Lower	Upper
146	100		
148	59.1	51.9	77.9
75	37.5	31.8	47.6



Abundance Scan 813 (8.315 min): BG056695.D\data.ms (-725) (-)

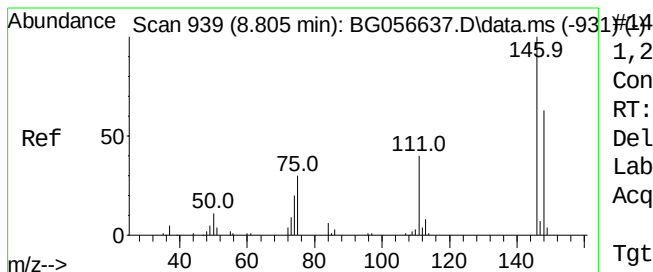
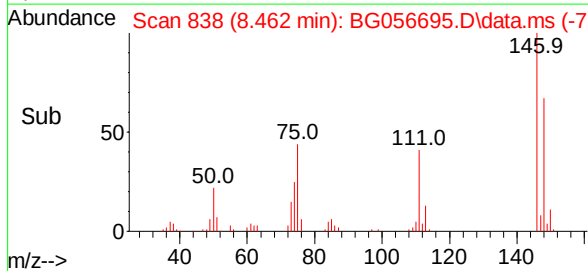
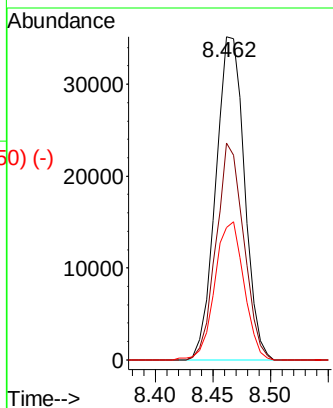
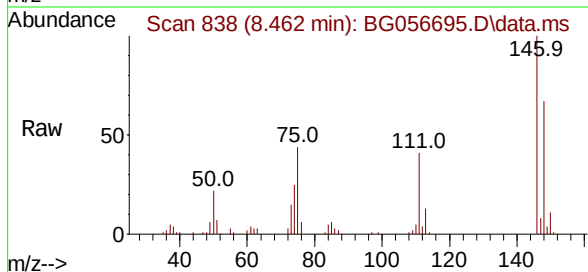




1,4-Dichlorobenzene
 Concen: 46.479 ng
 RT: 8.462 min Scan# 883
 Delta R.T. -0.014 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03

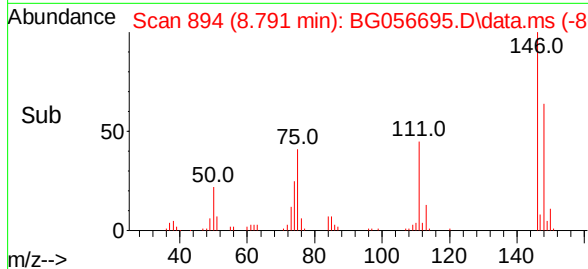
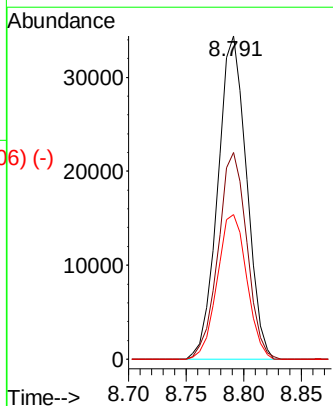
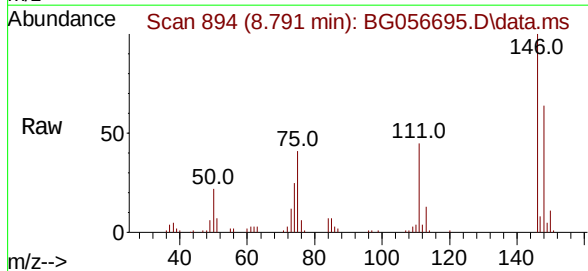
Instrument :
 BNA_G
 ClientSampleId :
 PB150950BS

Tgt Ion:	146	Resp:	60959
Ion	Ratio	Lower	Upper
146	100		
148	67.2	54.5	81.7
111	41.0	37.2	55.8



1,2-Dichlorobenzene
 Concen: 47.570 ng
 RT: 8.791 min Scan# 894
 Delta R.T. -0.014 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03

Tgt Ion:	146	Resp:	59969
Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
111	44.7	33.8	50.6



Abundance Scan 916 (8.670 min): BG056637.D\data.ms (-907) #15

Benzyl Alcohol

Concen: 51.103 ng

RT: 8.656 min Scan# 815

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion: 79 Resp: 74672

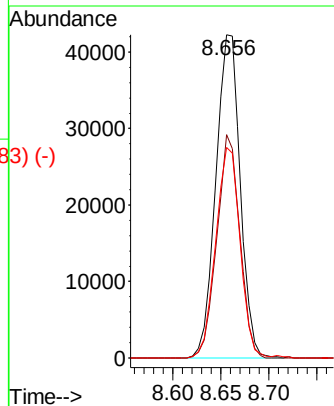
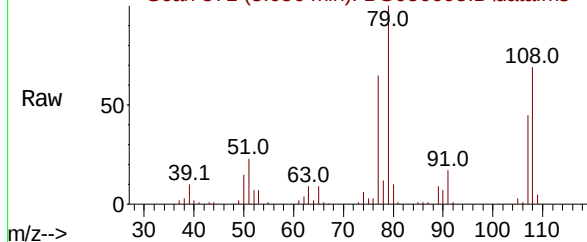
Ion Ratio Lower Upper

79 100

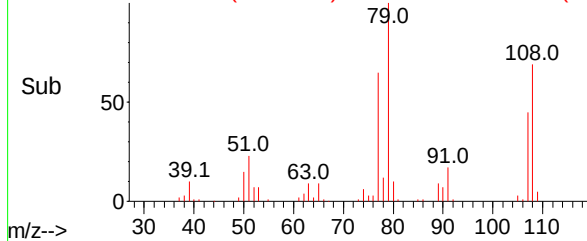
108 69.1 52.0 78.0

77 65.1 54.2 81.2

Abundance Scan 871 (8.656 min): BG056695.D\data.ms



Abundance Scan 871 (8.656 min): BG056695.D\data.ms (-783) (-)



Abundance Scan 965 (8.958 min): BG056637.D\data.ms (-957) #16

2,2'-oxybis(1-Chloropropane)

Concen: 46.146 ng

RT: 8.950 min Scan# 921

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion: 45 Resp: 77596

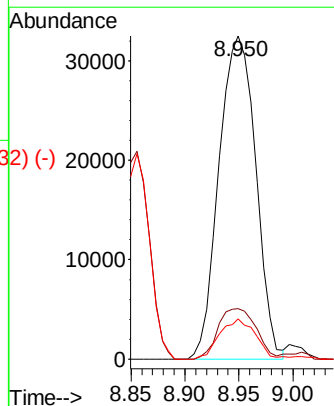
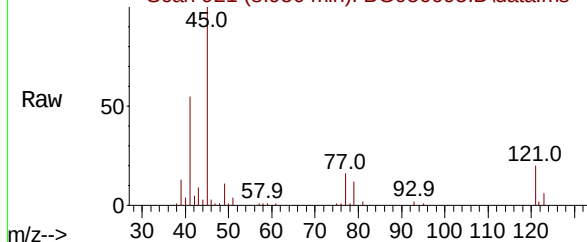
Ion Ratio Lower Upper

45 100

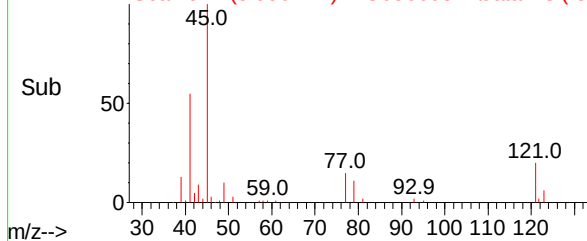
77 15.6 0.0 36.5

79 12.4 0.0 31.6

Abundance Scan 921 (8.950 min): BG056695.D\data.ms



Abundance Scan 921 (8.950 min): BG056695.D\data.ms (-832) (-)



Abundance Scan 948 (8.858 min): BG056637.D\data.ms (-942#17)

2-Methylphenol

Concen: 52.302 ng

RT: 8.856 min Scan# 107

Delta R.T. -0.002 min

Lab File: BG056695.D

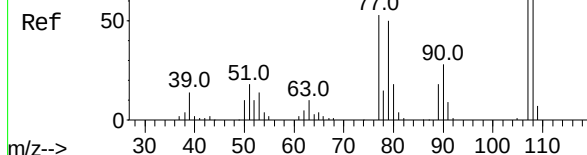
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS



Tgt Ion:107 Resp: 61355

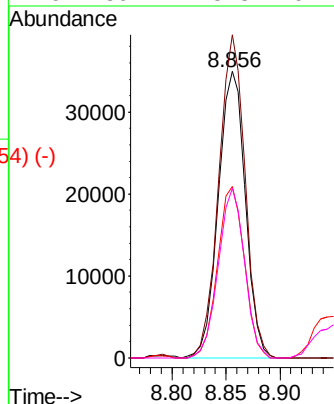
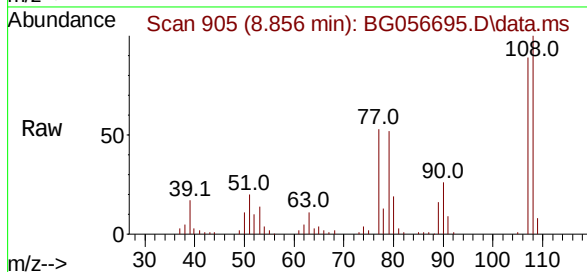
Ion Ratio Lower Upper

107 100

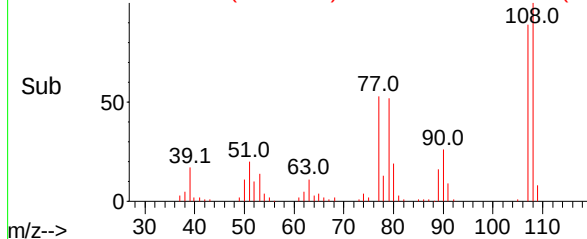
108 112.8 91.3 136.9

77 59.9 48.5 72.7

79 59.1 45.3 67.9



Abundance Scan 905 (8.856 min): BG056695.D\data.ms (-854) (-)



Abundance Scan 1065 (9.545 min): BG056637.D\data.ms (-1057#18)

Hexachloroethane

Concen: 50.549 ng

RT: 9.531 min Scan# 1020

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

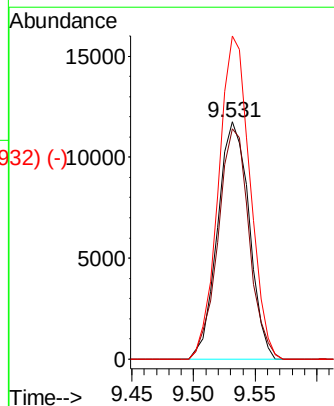
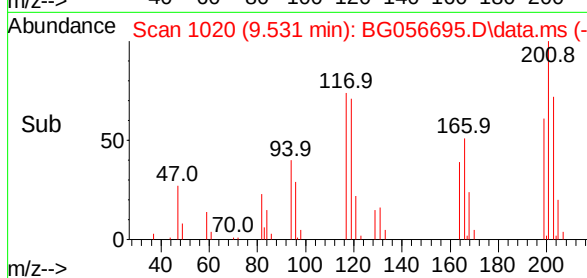
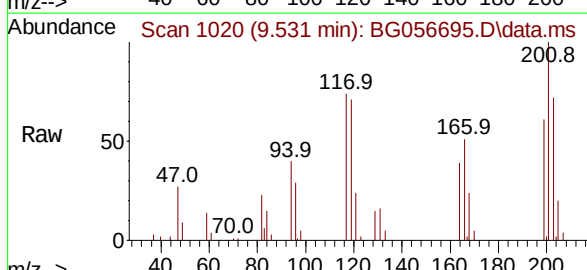
Tgt Ion:117 Resp: 21001

Ion Ratio Lower Upper

117 100

119 96.9 74.1 111.1

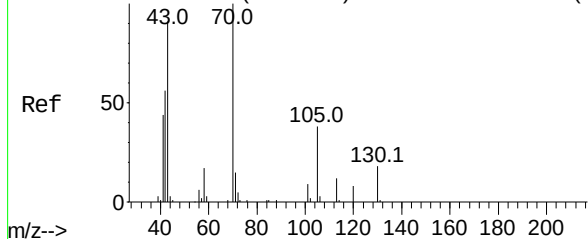
201 136.1 106.4 159.6



Abundance Scan 1020 (9.531 min): BG056695.D\data.ms (-932) (-)



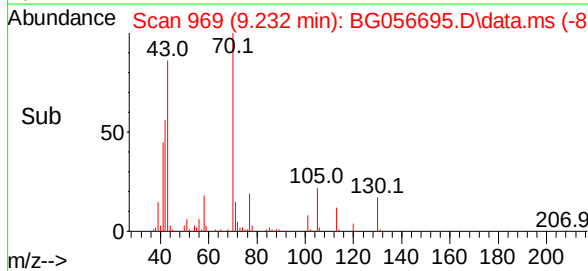
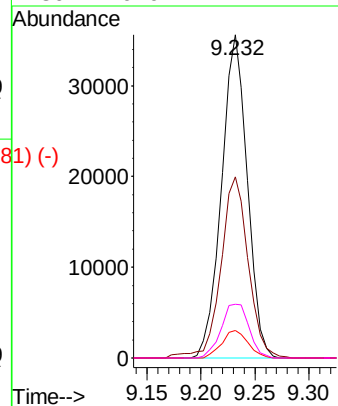
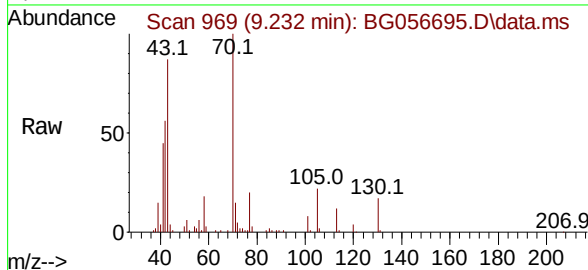
Abundance Scan 1014 (9.246 min): BG056637.D\data.ms (-1000)



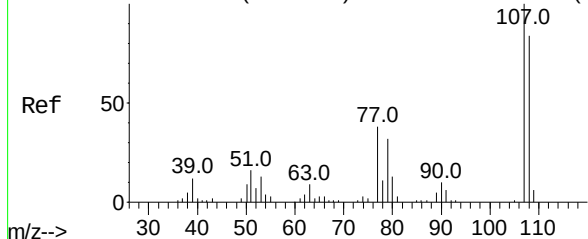
n-Nitroso-di-n-propylamine
Concen: 48.702 ng
RT: 9.232 min Scan# 969
Delta R.T. -0.014 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:	70	Resp:	59498
Ion	Ratio	Lower	Upper
70	100		
42	56.0	45.7	68.5
101	8.5	7.4	11.0
130	16.6	14.2	21.4

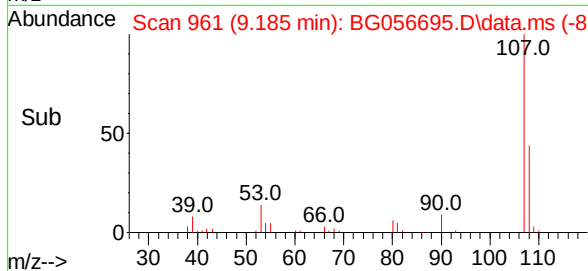
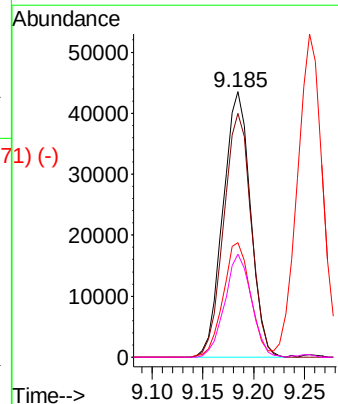
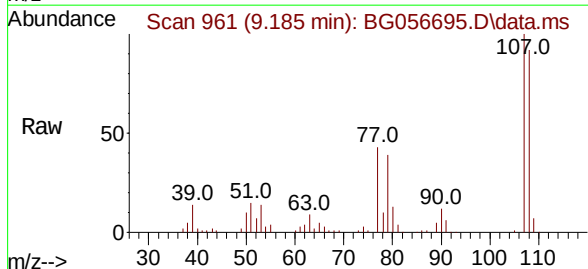


Abundance Scan 1004 (9.187 min): BG056637.D\data.ms (-99620)



3+4-Methylphenols
Concen: 50.880 ng
RT: 9.185 min Scan# 961
Delta R.T. -0.002 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:	107	Resp:	81993
Ion	Ratio	Lower	Upper
107	100		
108	91.8	64.3	104.3
77	43.2	17.8	57.8
79	38.8	11.7	51.7



Abundance Scan 1360 (11.278 min): BG056637.D\data.ms (-122) (-)

Naphthalene-d8

Concen: 20.000 ng

RT: 11.270 min Scan# 1321

Delta R.T. -0.008 min

Lab File: BG056695.D

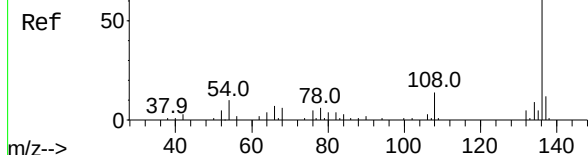
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS



Tgt Ion:136 Resp: 81965

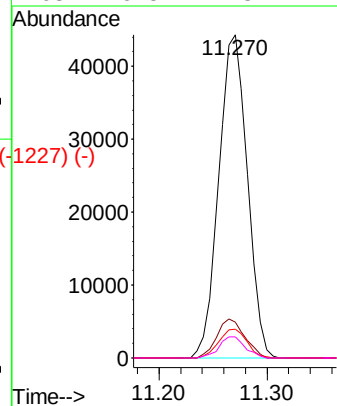
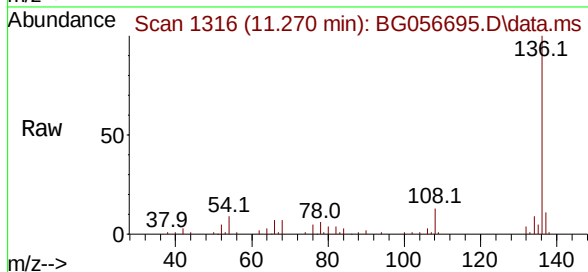
Ion Ratio Lower Upper

136 100

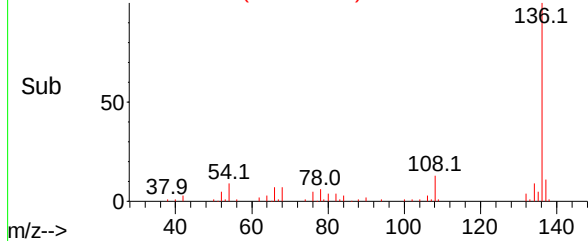
137 11.2 9.7 14.5

54 8.9 7.7 11.5

68 6.5 4.8 7.2



Abundance Scan 1316 (11.270 min): BG056695.D\data.ms (-1227) (-)



Abundance Scan 1017 (9.263 min): BG056637.D\data.ms (-1069) (-)

Acetophenone

Concen: 42.511 ng

RT: 9.255 min Scan# 973

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion:105 Resp: 106467

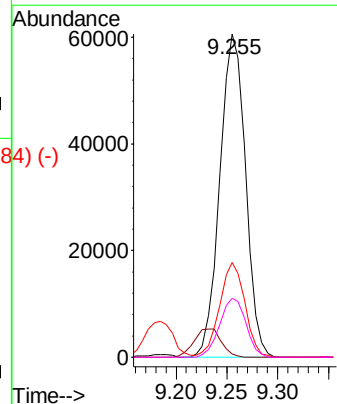
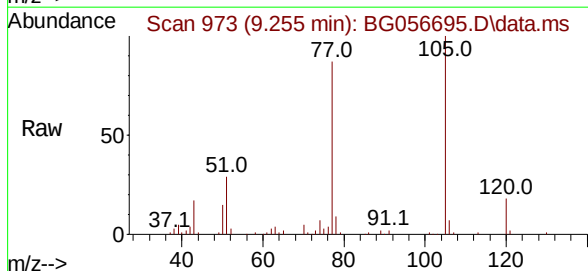
Ion Ratio Lower Upper

105 100

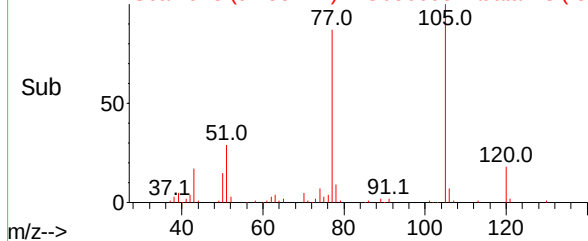
71 0.9 1.4 2.0#

51 29.2 23.9 35.9

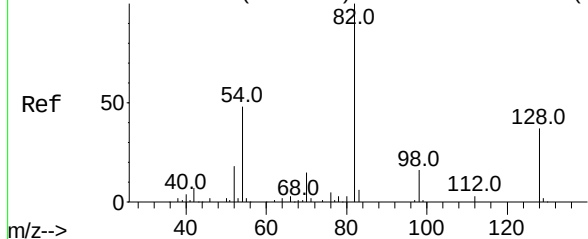
120 18.2 15.1 22.7



Abundance Scan 973 (9.255 min): BG056695.D\data.ms (-884) (-)



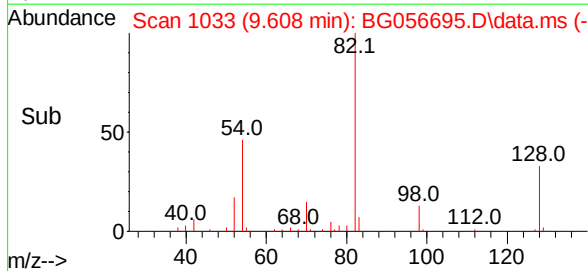
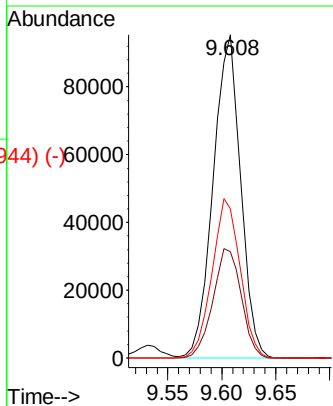
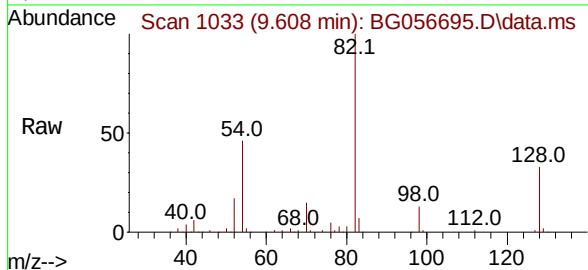
Abundance Scan 1077 (9.616 min): BG056637.D\data.ms (-10623)



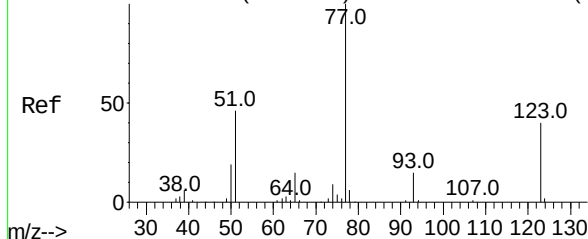
Nitrobenzene-d5
Concen: 105.906 ng
RT: 9.608 min Scan# 1033
Delta R.T. -0.008 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion: 82 Resp: 169538
Ion Ratio Lower Upper
82 100
128 32.8 29.4 44.2
54 46.2 37.8 56.6

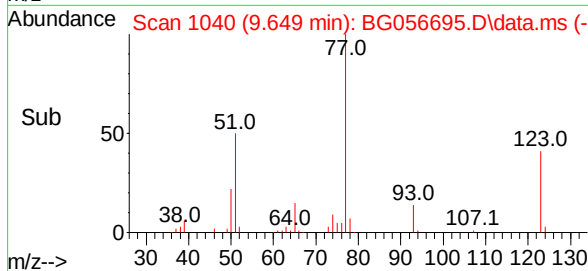
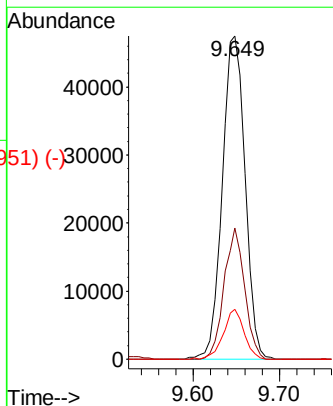
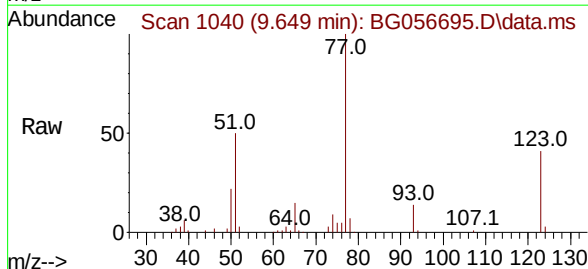


Abundance Scan 1084 (9.657 min): BG056637.D\data.ms (-10724)



Nitrobenzene
Concen: 47.280 ng
RT: 9.649 min Scan# 1040
Delta R.T. -0.008 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion: 77 Resp: 88078
Ion Ratio Lower Upper
77 100
123 40.6 31.8 47.8
65 15.4 12.0 18.0



Abundance Scan 1173 (10.180 min): BG056637.D\data.ms (-1125) (-)

Isophorone

Concen: 42.073 ng

RT: 10.172 min Scan#

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion: 82 Resp: 163917

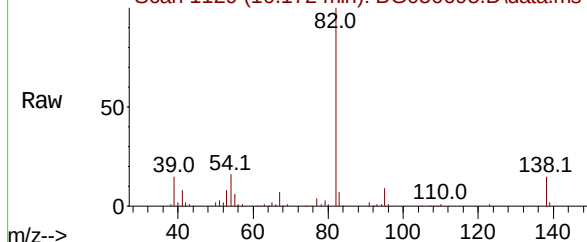
Ion Ratio Lower Upper

82 100

95 9.0 7.0 10.4

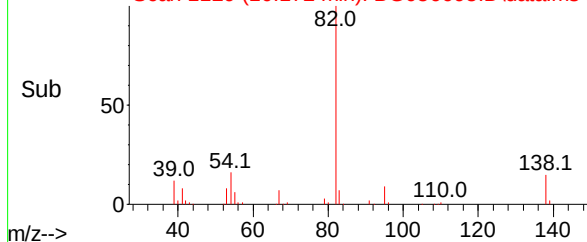
138 15.2 12.9 19.3

Abundance Scan 1129 (10.172 min): BG056695.D\data.ms

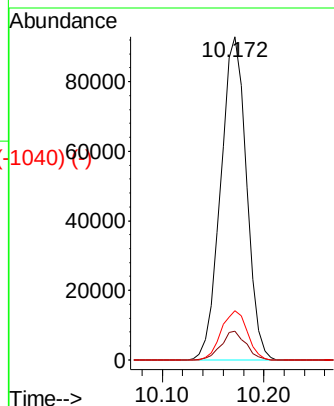


m/z-->

Abundance Scan 1129 (10.172 min): BG056695.D\data.ms (-1040) (-)



m/z-->



Abundance Scan 1206 (10.374 min): BG056637.D\data.ms (-1129) (-)

2-Nitrophenol

Concen: 55.166 ng

RT: 10.366 min Scan# 1162

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion:139 Resp: 36363

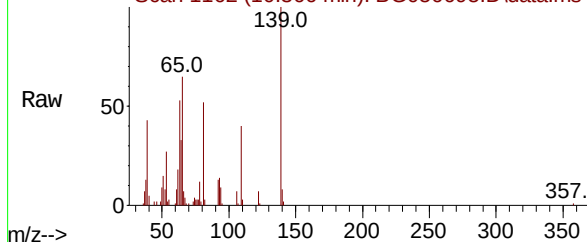
Ion Ratio Lower Upper

139 100

109 40.5 27.0 40.6

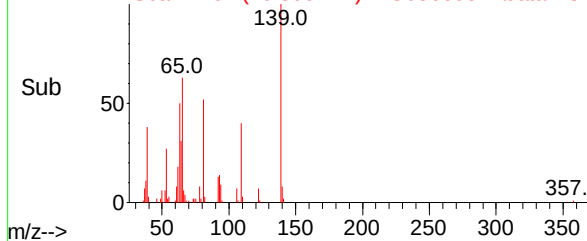
65 64.6 40.0 60.0#

Abundance Scan 1162 (10.366 min): BG056695.D\data.ms

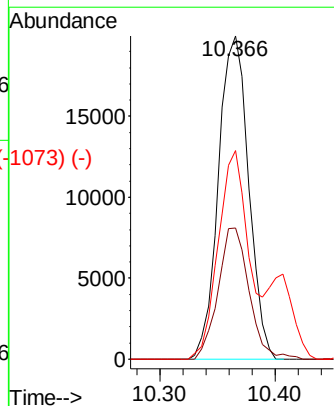


m/z-->

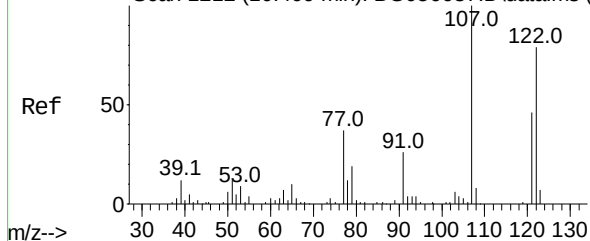
Abundance Scan 1162 (10.366 min): BG056695.D\data.ms (-1073) (-)



m/z-->



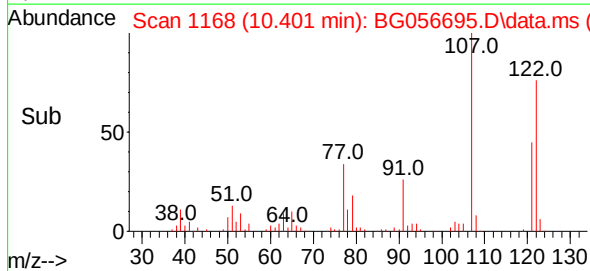
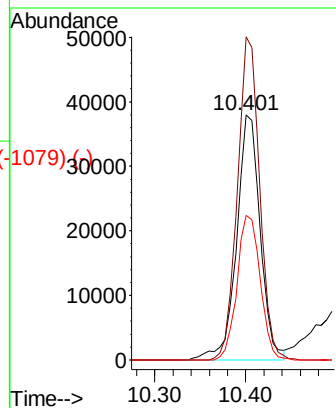
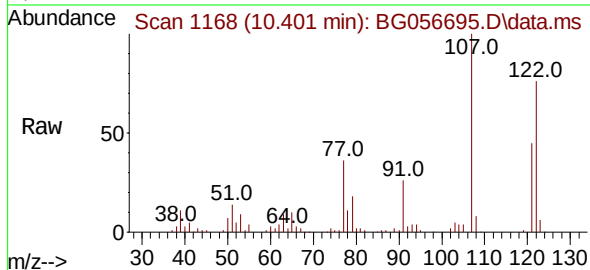
Abundance Scan 1212 (10.409 min): BG056637.D\data.ms (-1217) (-)



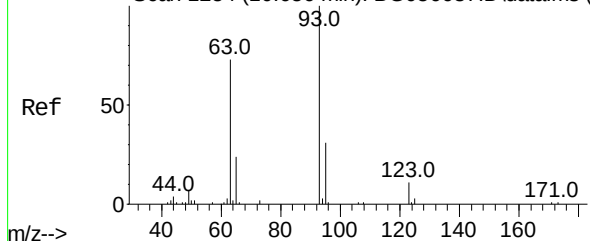
2,4-Dimethylphenol
Concen: 45.360 ng
RT: 10.401 min Scan# 1217
Delta R.T. -0.008 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:122 Resp: 68324
Ion Ratio Lower Upper
122 100
107 131.8 101.6 152.4
121 59.0 47.2 70.8

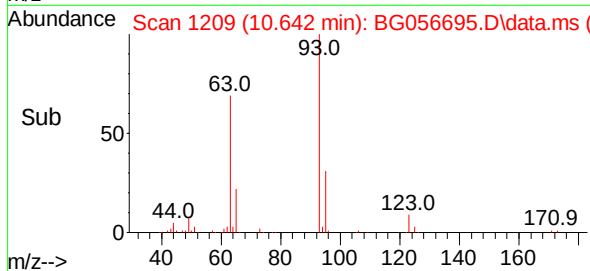
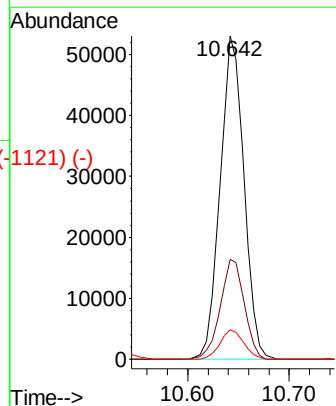
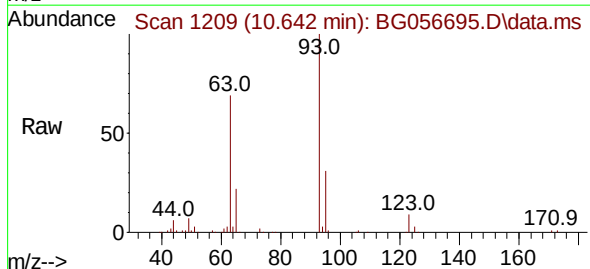


Abundance Scan 1254 (10.656 min): BG056637.D\data.ms (-1226) (-)



bis(2-Chloroethoxy)methane
Concen: 43.340 ng
RT: 10.642 min Scan# 1209
Delta R.T. -0.014 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion: 93 Resp: 86052
Ion Ratio Lower Upper
93 100
95 30.9 24.5 36.7
123 9.1 8.7 13.1



Abundance Scan 1296 (10.902 min): BG056637.D\data.ms (-1229) (-)

2,4-Dichlorophenol

Concen: 49.206 ng

RT: 10.900 min Scan# 1229

Delta R.T. -0.002 min

Lab File: BG056695.D

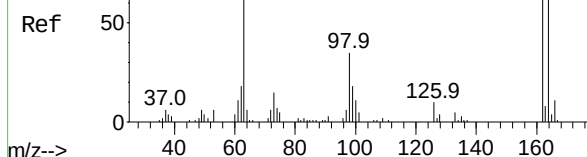
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS



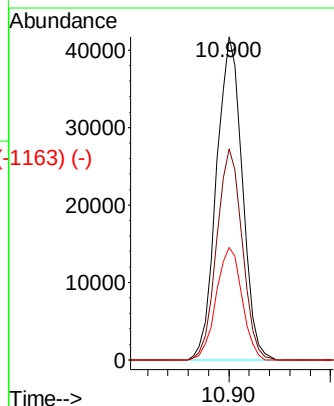
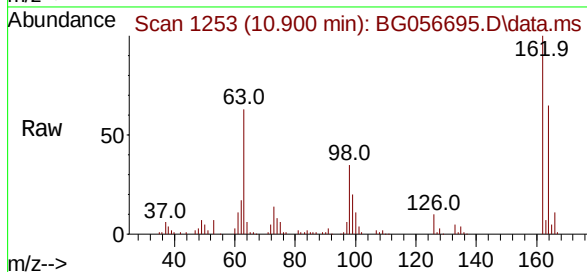
Tgt Ion:162 Resp: 73459

Ion Ratio Lower Upper

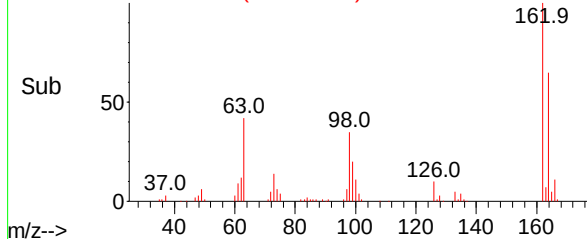
162 100

164 65.3 44.1 84.1

98 34.8 14.8 54.8



Abundance Scan 1253 (10.900 min): BG056695.D\data.ms (-1163) (-)



Abundance Scan 1335 (11.132 min): BG056637.D\data.ms (-1229) (-)

1,2,4-Trichlorobenzene

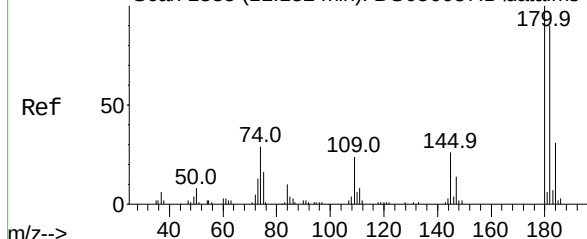
Concen: 41.583 ng

RT: 11.123 min Scan# 1291

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03



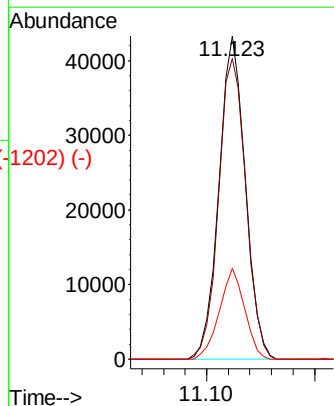
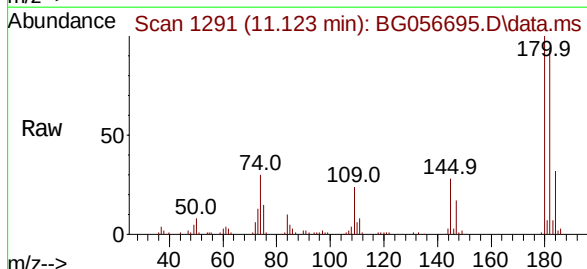
Tgt Ion:180 Resp: 73950

Ion Ratio Lower Upper

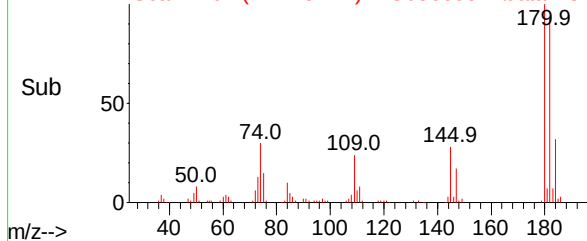
180 100

182 93.0 71.7 107.5

145 28.1 20.6 30.8



Abundance Scan 1291 (11.123 min): BG056695.D\data.ms (-1202) (-)



Abundance Scan 1369 (11.331 min): BG056637.D\data.ms (-1236) (-)

Naphthalene

Concen: 42.532 ng

RT: 11.317 min Scan# 1191

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion:128 Resp: 193211

Ion Ratio Lower Upper

128 100

129 12.2 8.7 13.1

127 13.8 10.9 16.3

Abundance Scan 1324 (11.317 min): BG056695.D\data.ms

Ref 50

128.0

37.0 51.0 74.0 102.0

m/z-->

Abundance Scan 1324 (11.317 min): BG056695.D\data.ms (-1236) (-)

Ref 50

128.0

37.0 51.0 74.0 88.1 102.0

m/z-->

Abundance Scan 1324 (11.317 min): BG056695.D\data.ms (-1236) (-)

Ref 50

128.0

37.0 51.0 74.0 88.1 102.0

m/z-->

Abundance

100000

80000

60000

40000

20000

0

Time-->

11.30

Abundance Scan 1231 (10.521 min): BG056637.D\data.ms (-1236) (-)

Benzoic acid

Concen: 51.848 ng

RT: 10.536 min Scan# 1191

Delta R.T. 0.015 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion:122 Resp: 50335

Ion Ratio Lower Upper

122 100

105 140.2 100.5 140.5

77 106.7 80.8 120.8

Abundance Scan 1191 (10.536 min): BG056695.D\data.ms

Ref 50

105.0

38.0 51.0 77.0 122.0

m/z-->

Abundance Scan 1191 (10.536 min): BG056695.D\data.ms (-1098) (-)

Ref 50

105.0

38.0 51.0 77.0 122.0

m/z-->

Abundance

30000

20000

10000

0

Time-->

10.40 10.50 10.60

Abundance Scan 1384 (11.419 min): BG056637.D\data.ms (-1273) (-)

4-Chloroaniline

Concen: 28.071 ng

RT: 11.411 min Scan# 1384

Delta R.T. -0.008 min

Lab File: BG056695.D

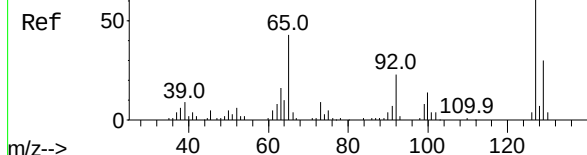
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS



Tgt Ion:127 Resp: 58260

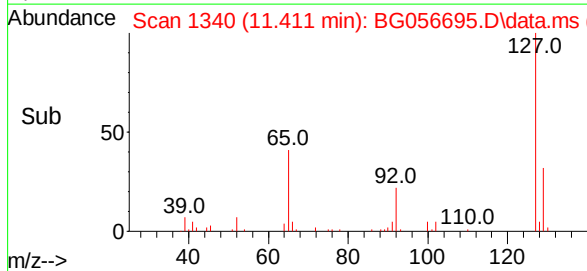
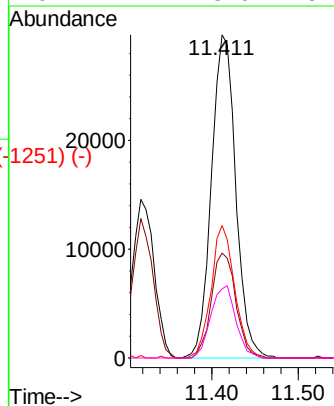
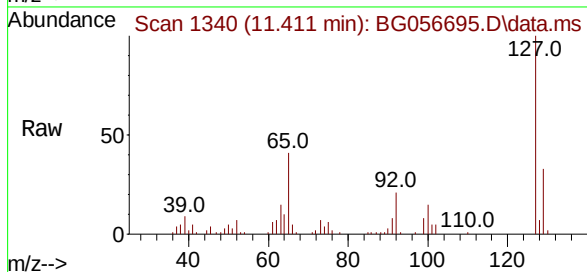
Ion Ratio Lower Upper

127 100

129 32.5 24.1 36.1

65 40.9 34.3 51.5

92 21.4 18.6 28.0



Abundance Scan 1416 (11.608 min): BG056637.D\data.ms (-1434) (-)

Hexachlorobutadiene

Concen: 40.220 ng

RT: 11.593 min Scan# 1371

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

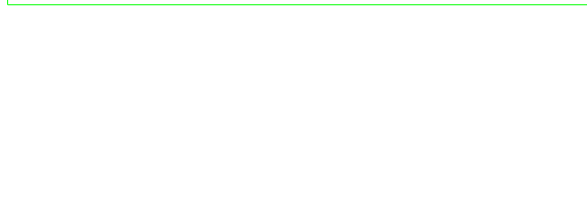
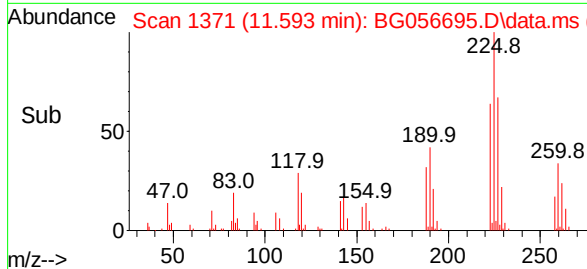
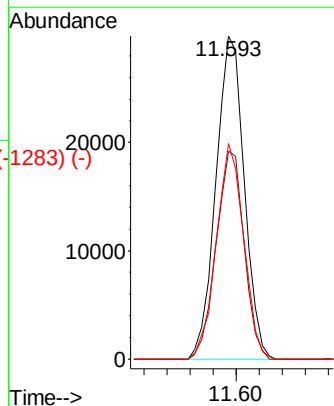
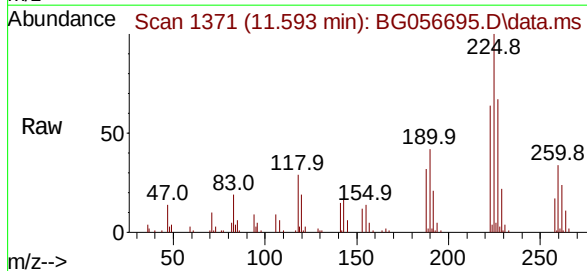
Tgt Ion:225 Resp: 51114

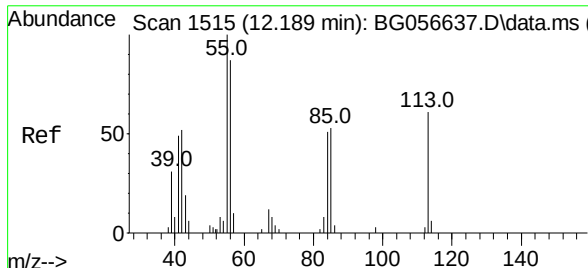
Ion Ratio Lower Upper

225 100

223 64.4 48.5 72.7

227 66.7 50.2 75.4

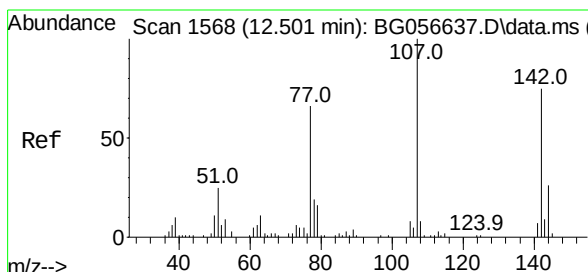
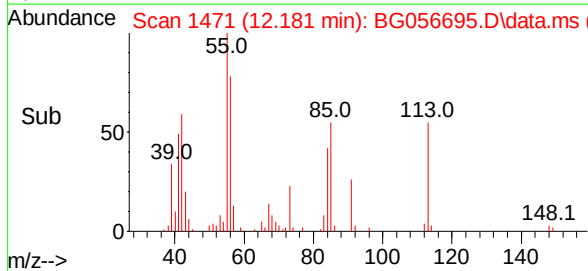
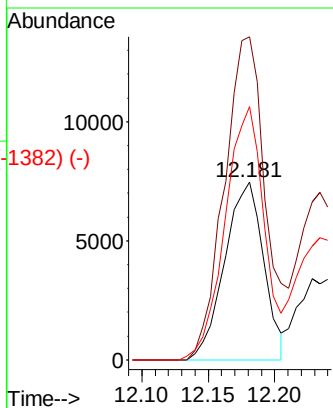
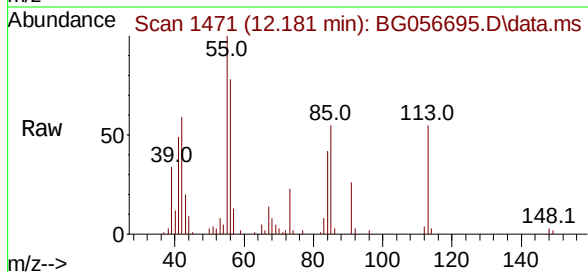




Caprolactam
Concen: 31.715 ng
RT: 12.181 min Scan# 1535
Delta R.T. -0.008 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

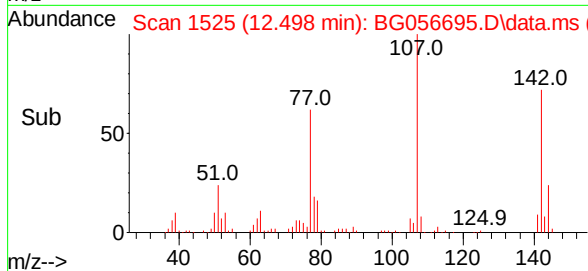
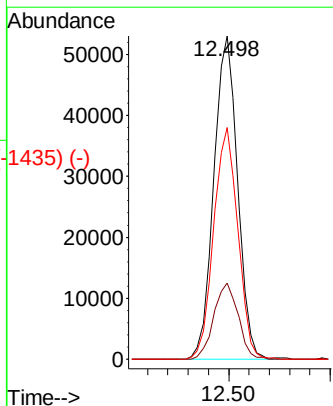
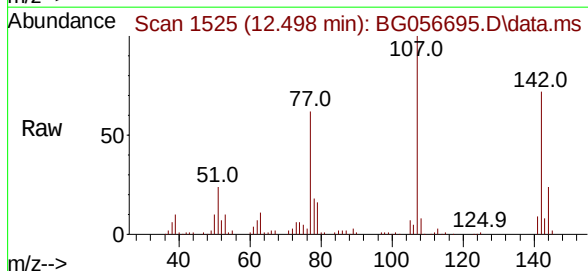
Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:113 Resp: 15228
Ion Ratio Lower Upper
113 100
55 181.5 145.0 185.0
56 142.4 122.9 162.9

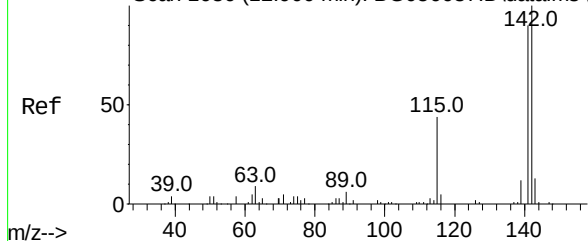


4-Chloro-3-methylphenol
Concen: 52.263 ng
RT: 12.498 min Scan# 1525
Delta R.T. -0.002 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:107 Resp: 86041
Ion Ratio Lower Upper
107 100
144 23.6 21.0 31.4
142 71.7 60.1 90.1



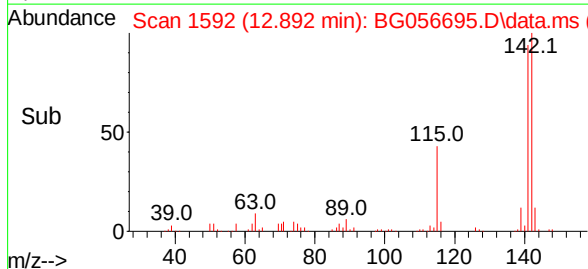
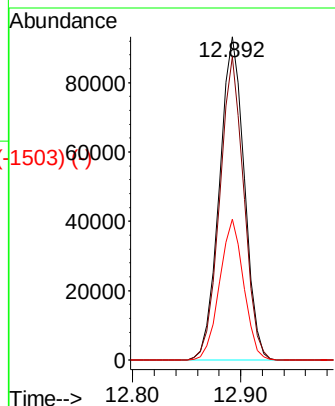
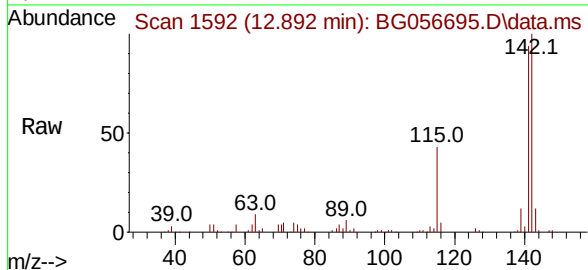
Abundance Scan 1636 (12.900 min): BG056637.D\data.ms (-1628) (-)



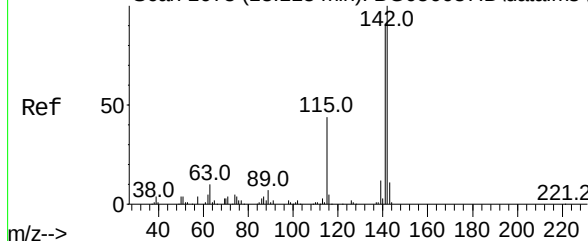
2-Methylnaphthalene
Concen: 42.059 ng
RT: 12.892 min Scan# 1628
Delta R.T. -0.008 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:	142	Resp:	150858
Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.9	107.9
115	43.5	35.1	52.7

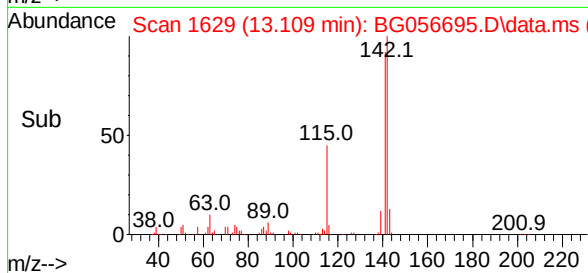
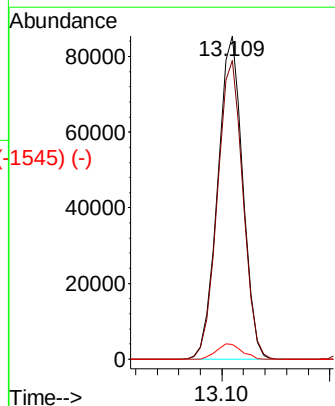
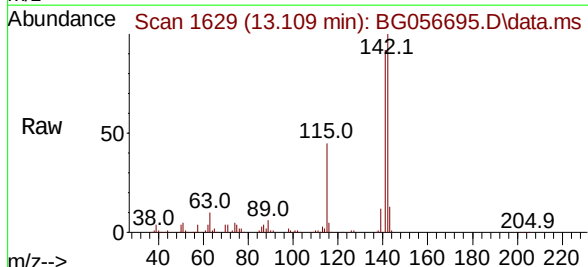


Abundance Scan 1673 (13.118 min): BG056637.D\data.ms (-1638) (-)



1-Methylnaphthalene
Concen: 41.447 ng
RT: 13.109 min Scan# 1629
Delta R.T. -0.008 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:	142	Resp:	138720
Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.7	109.1
116	4.6	4.2	6.4



Abundance Scan 2001 (15.045 min): BG056637.D\data.ms (-1634) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.037 min Scan# 1957

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion:164 Resp: 68062

Ion Ratio Lower Upper

164 100

162 106.8 81.3 121.9

160 45.1 35.2 52.8

Abundance Scan 1957 (15.037 min): BG056695.D\data.ms

Ref 50

162.1

Raw 50

54.0 80.0 108.0 132.1

m/z-->

Abundance Scan 1957 (15.037 min): BG056695.D\data.ms (-1868) (-)

Ref 50

162.1

Raw 50

54.0 80.0 108.0 132.1

m/z-->

Abundance Scan 1957 (15.037 min): BG056695.D\data.ms (-1868) (-)

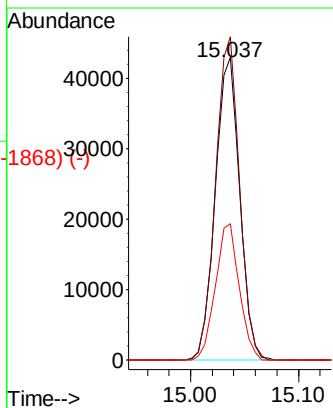
Ref 50

162.1

Raw 50

54.0 80.0 108.0 132.1

m/z-->



Abundance Scan 1697 (13.259 min): BG056637.D\data.ms (-1640) (-)

1,2,4,5-Tetrachlorobenzene

Concen: 40.190 ng

RT: 13.250 min Scan# 1653

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion:216 Resp: 101689

Ion Ratio Lower Upper

216 100

214 78.3 61.8 92.8

179 19.8 15.1 22.7

108 17.6 12.2 18.2

Abundance Scan 1653 (13.250 min): BG056695.D\data.ms

Ref 50

215.9

Raw 50

37.0 74.0 107.9 142.9 178.9 269.8

m/z-->

Abundance Scan 1653 (13.250 min): BG056695.D\data.ms (-1564) (-)

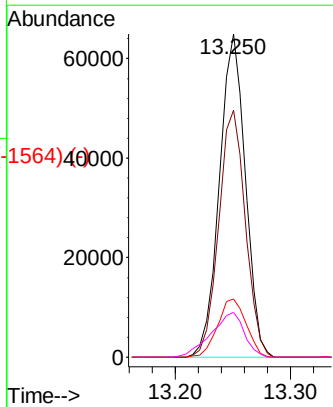
Ref 50

215.9

Raw 50

37.0 74.0 107.9 142.9 178.9 269.8

m/z-->



Abundance Scan 1694 (13.241 min): BG056637.D\data.ms (-1561) (-)

Hexachlorocyclopentadiene

Concen: 96.992 ng

RT: 13.227 min Scan# 1694

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion:237 Resp: 133104

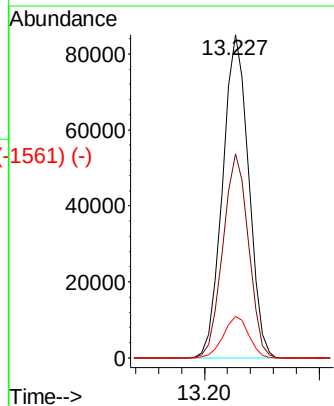
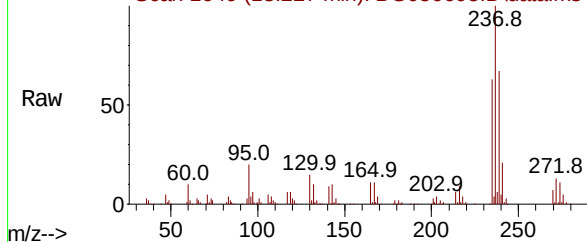
Ion Ratio Lower Upper

237 100

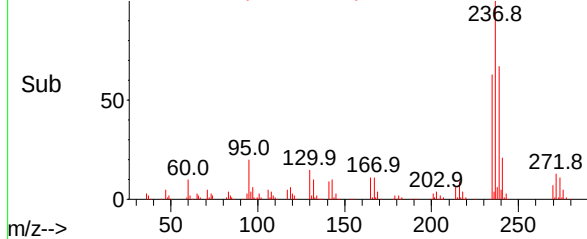
235 63.2 41.6 81.6

272 12.8 0.0 32.6

Abundance Scan 1649 (13.227 min): BG056695.D\data.ms



Abundance Scan 1649 (13.227 min): BG056695.D\data.ms (-1561) (-)



Abundance Scan 2252 (16.519 min): BG056637.D\data.ms (-2242) (-)

2,4,6-Tribromophenol

Concen: 155.465 ng

RT: 16.511 min Scan# 2208

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion:330 Resp: 144870

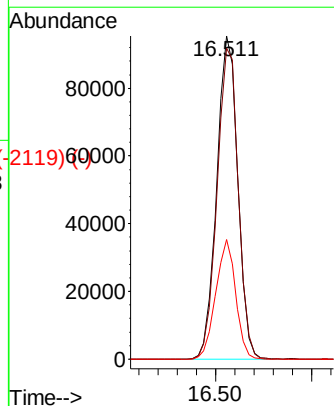
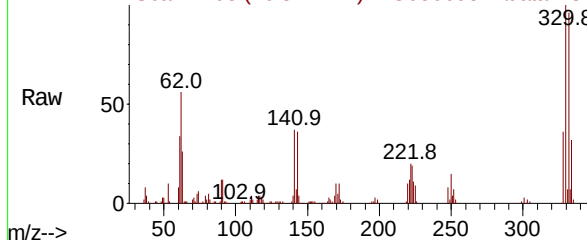
Ion Ratio Lower Upper

330 100

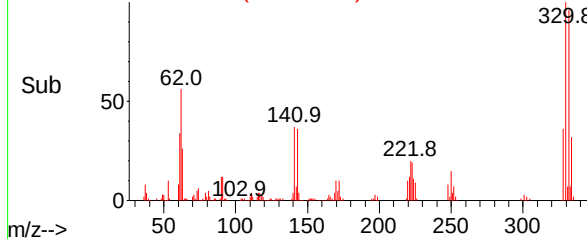
332 96.9 75.7 113.5

141 35.0 24.6 37.0

Abundance Scan 2208 (16.511 min): BG056695.D\data.ms



Abundance Scan 2208 (16.511 min): BG056695.D\data.ms (-2119) (-)



Abundance Scan 1735 (13.482 min): BG056637.D\data.ms (-1743) (-)

2,4,6-Trichlorophenol

Concen: 48.373 ng

RT: 13.474 min Scan# 1743

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion:196 Resp: 74258

Ion Ratio Lower Upper

196 100

198 97.2 76.2 114.2

200 31.9 23.2 34.8

Abundance Scan 1691 (13.474 min): BG056695.D\data.ms

Ref 50

62.0 97.0 131.9 159.9 195.9

37.0

m/z-->

Abundance Scan 1691 (13.474 min): BG056695.D\data.ms

Raw 50

62.0 97.0 131.9 159.9 195.9

37.0

m/z-->

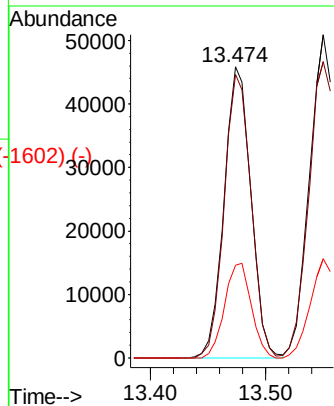
Abundance Scan 1691 (13.474 min): BG056695.D\data.ms (-1602) (-)

Sub 50

62.0 97.0 131.9 159.9 195.9

37.0

m/z-->



Abundance Scan 1747 (13.552 min): BG056637.D\data.ms (-1741) (-)

2,4,5-Trichlorophenol

Concen: 44.630 ng

RT: 13.550 min Scan# 1704

Delta R.T. -0.002 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion:196 Resp: 82113

Ion Ratio Lower Upper

196 100

198 91.7 76.2 114.4

97 45.0 34.9 52.3

132 19.3 15.5 23.3

Abundance Scan 1704 (13.550 min): BG056695.D\data.ms

Ref 50

62.0 97.0 131.9 166.9 195.9

37.0

m/z-->

Abundance Scan 1704 (13.550 min): BG056695.D\data.ms

Raw 50

62.0 97.0 131.9 166.9 195.9

37.0

m/z-->

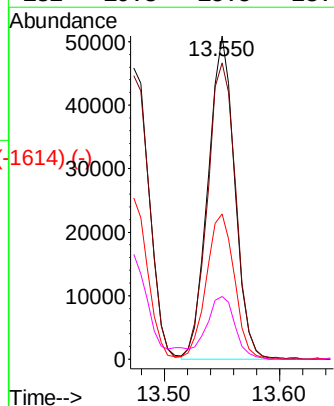
Abundance Scan 1704 (13.550 min): BG056695.D\data.ms (-1614) (-)

Sub 50

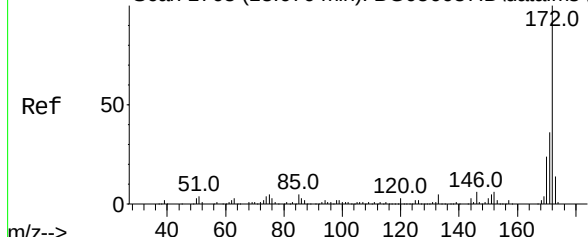
62.0 97.0 131.9 166.9 195.9

37.0

m/z-->



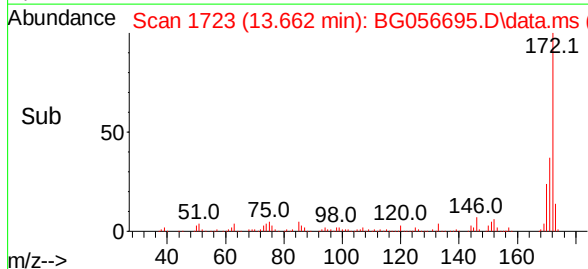
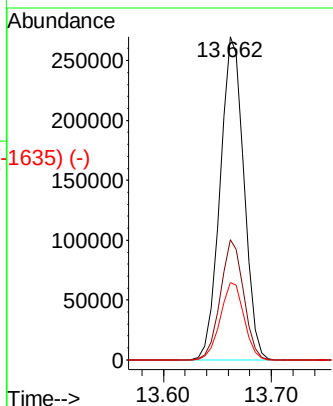
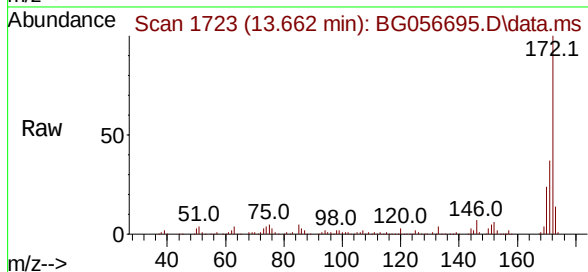
Abundance Scan 1768 (13.676 min): BG056637.D\data.ms (-1745) (-)



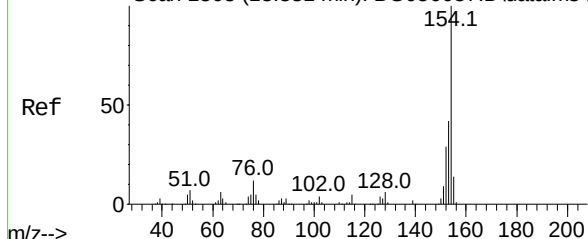
2-Fluorobiphenyl
Concen: 82.109 ng
RT: 13.662 min Scan# 1745
Delta R.T. -0.014 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:172 Resp: 417346
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.0 19.4 29.0

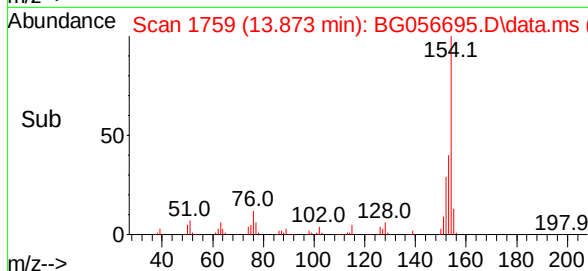
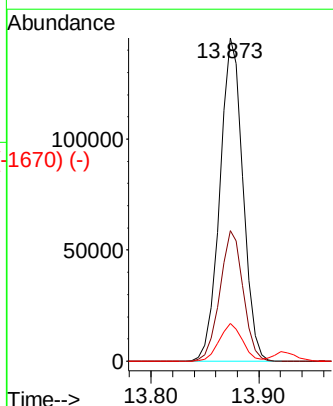
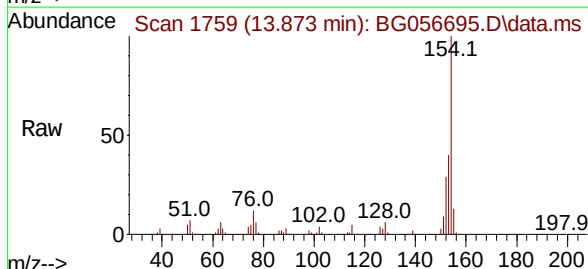


Abundance Scan 1803 (13.881 min): BG056637.D\data.ms (-1746) (-)



1,1'-Biphenyl
Concen: 42.233 ng
RT: 13.873 min Scan# 1759
Delta R.T. -0.008 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:154 Resp: 217746
Ion Ratio Lower Upper
154 100
153 40.5 21.9 61.9
76 11.6 0.0 31.9



Abundance Scan 1812 (13.934 min): BG056637.D\data.ms (-1647) (-)

2-Chloronaphthalene

Concen: 42.949 ng

RT: 13.926 min Scan# 1679

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion:162 Resp: 175233

Ion Ratio Lower Upper

162 100

127 35.1 27.5 41.3

164 32.7 26.5 39.7

Abundance Scan 1768 (13.926 min): BG056695.D\data.ms

Ref 50

162.0

127.0

51.0 75.0 101.0

Raw 50

162.0

127.0

51.0 75.0 101.0

Sub 50

162.0

127.0

51.0 75.0 101.0

Abundance Scan 1768 (13.926 min): BG056695.D\data.ms (-1679) (-)

Ref 50

162.0

127.0

51.0 75.0 101.0

Raw 50

162.0

127.0

51.0 75.0 101.0

Sub 50

162.0

127.0

51.0 75.0 101.0

Abundance Scan 1843 (14.116 min): BG056637.D\data.ms (-1646) (-)

Ref 50

138.0

92.0

65.0

39.0 108.0

Raw 50

138.0

92.0

65.0

39.0 108.0

Sub 50

138.0

92.0

65.0

39.0 108.0

Abundance Scan 1800 (14.114 min): BG056695.D\data.ms (-1710) (-)

Ref 50

138.0

92.0

65.0

39.0 108.0

Raw 50

138.0

92.0

65.0

39.0 108.0

Sub 50

138.0

92.0

65.0

39.0 108.0

Abundance Scan 1800 (14.114 min): BG056695.D\data.ms (-1710) (-)

Ref 50

138.0

92.0

65.0

39.0 108.0

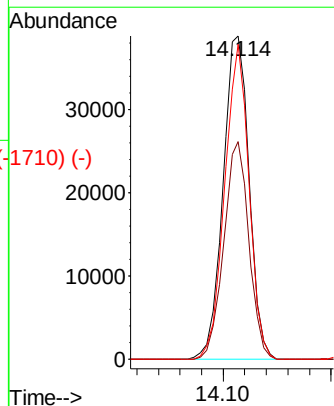
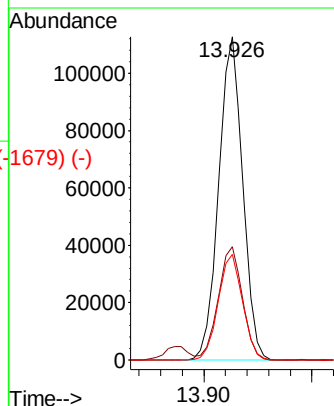
Raw 50

138.0

92.0

65.0

39.0 108.0



Abundance Scan 1954 (14.769 min): BG056637.D\data.ms (-1849) (-)

Acenaphthylene

Concen: 41.572 ng

RT: 14.760 min Scan# 1849

Delta R.T. -0.008 min

Lab File: BG056695.D

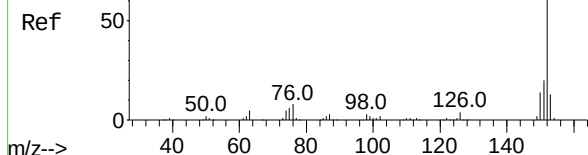
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS



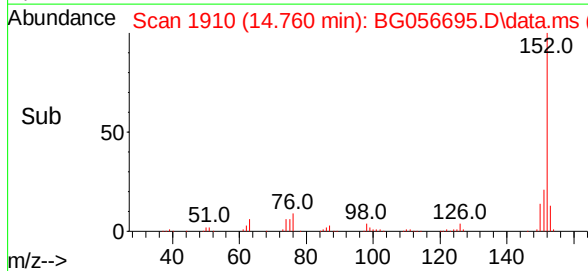
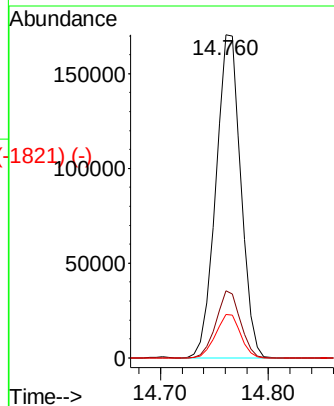
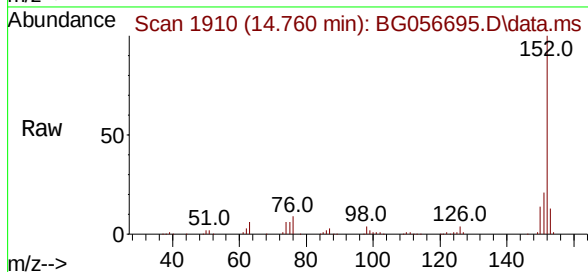
Tgt Ion:152 Resp: 275598

Ion Ratio Lower Upper

152 100

151 20.8 15.6 23.4

153 13.4 10.3 15.5



Abundance Scan 1905 (14.481 min): BG056637.D\data.ms (-1850) (-)

Dimethylphthalate

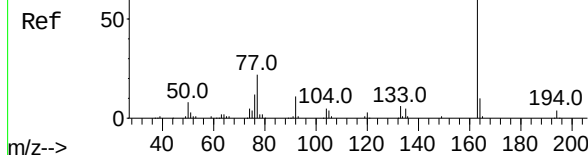
Concen: 44.247 ng

RT: 14.472 min Scan# 1861

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03



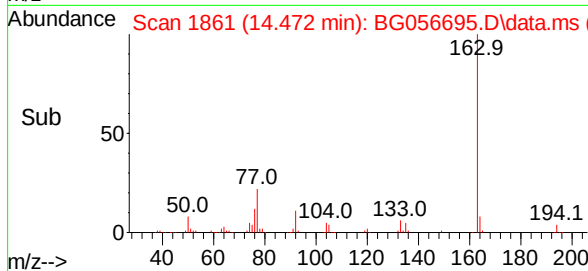
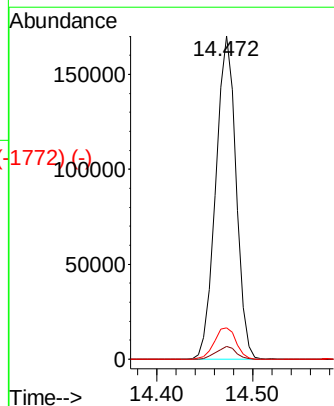
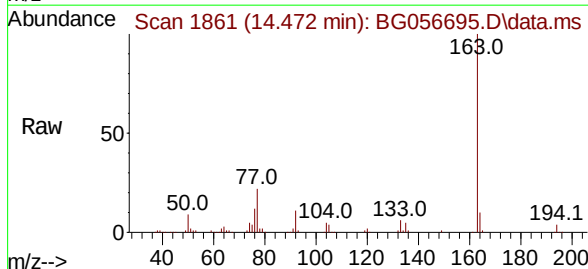
Tgt Ion:163 Resp: 248953

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 9.7 8.2 12.2



Abundance Scan 1926 (14.604 min): BG056637.D\data.ms (-1759) (-)

2,6-Dinitrotoluene

Concen: 47.899 ng

RT: 14.596 min Scan# 1926

Delta R.T. -0.008 min

Lab File: BG056695.D

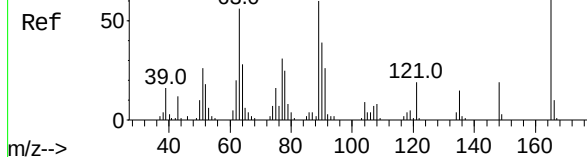
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS



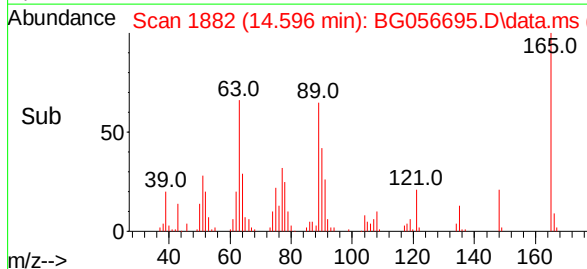
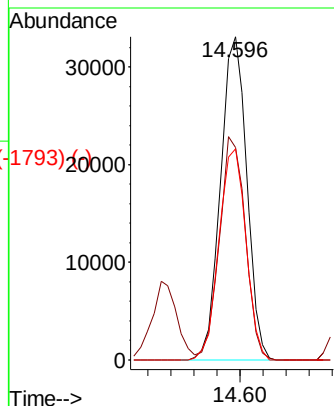
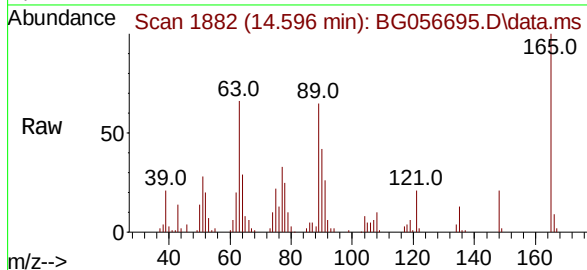
Tgt Ion:165 Resp: 52470

Ion Ratio Lower Upper

165 100

63 65.8 45.8 68.8

89 65.3 48.2 72.2



Abundance Scan 2012 (15.109 min): BG056637.D\data.ms (-2052) (-)

Acenaphthene

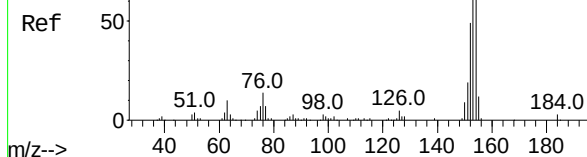
Concen: 51.243 ng

RT: 15.101 min Scan# 1968

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03



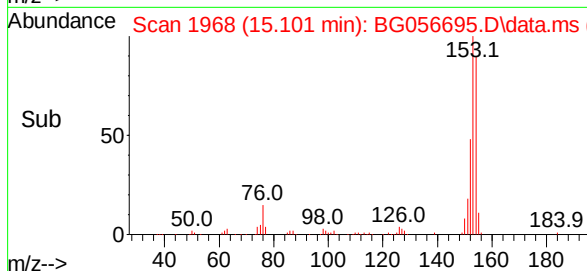
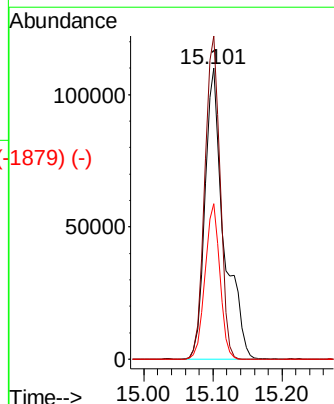
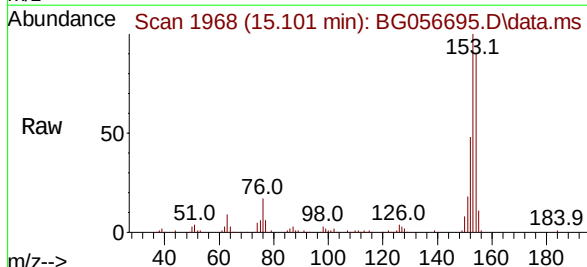
Tgt Ion:154 Resp: 209544

Ion Ratio Lower Upper

154 100

153 111.0 89.5 134.3

152 53.4 43.7 65.5



Abundance Scan 1982 (14.933 min): BG056637.D\data.ms (-1954) (-)

3-Nitroaniline

Concen: 35.550 ng

RT: 14.925 min Scan# 1954

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion:138 Resp: 38826

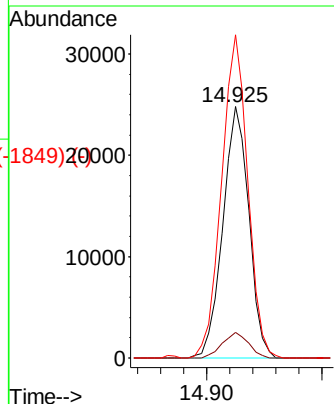
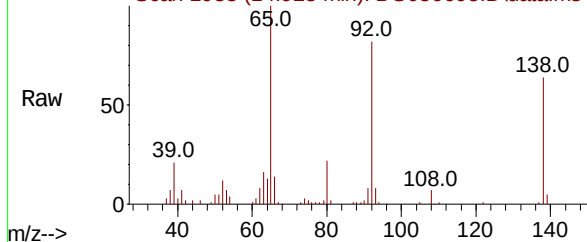
Ion Ratio Lower Upper

138 100

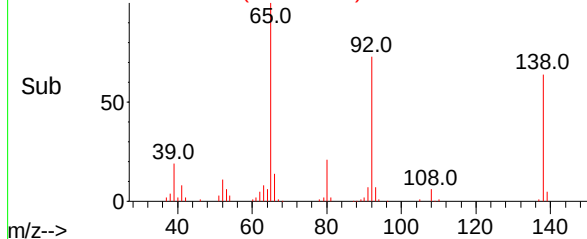
108 10.3 11.4 17.2#

92 128.6 103.1 154.7

Abundance Scan 1938 (14.925 min): BG056695.D\data.ms



Abundance Scan 1938 (14.925 min): BG056695.D\data.ms (-1849) (-)



Abundance Scan 2015 (15.127 min): BG056637.D\data.ms (-2054) (-)

2,4-Dinitrophenol

Concen: 117.082 ng

RT: 15.131 min Scan# 1973

Delta R.T. 0.004 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion:184 Resp: 76105

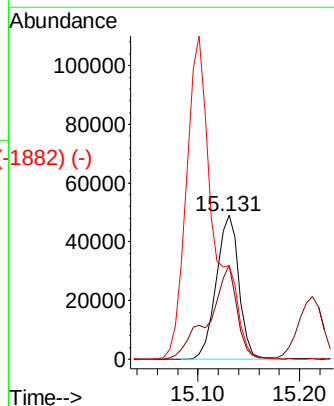
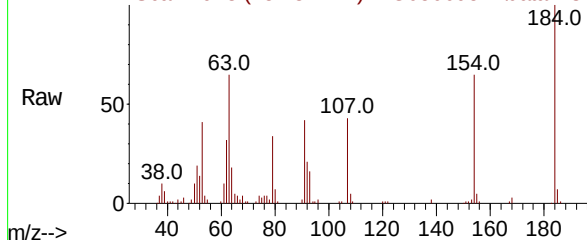
Ion Ratio Lower Upper

184 100

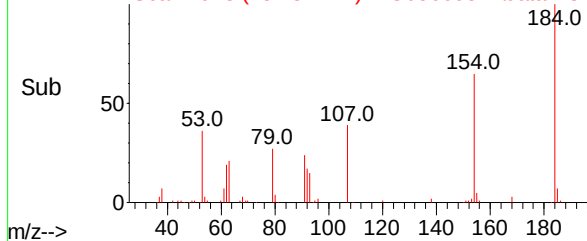
63 65.3 31.0 46.6#

154 64.9 99.8 149.8#

Abundance Scan 1973 (15.131 min): BG056695.D\data.ms



Abundance Scan 1973 (15.131 min): BG056695.D\data.ms (-1882) (-)



Abundance Scan 2068 (15.438 min): BG056637.D\data.ms (-2065) (-)

Dibenzofuran

Concen: 42.493 ng

RT: 15.430 min Scan# 1935

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion:168 Resp: 293564

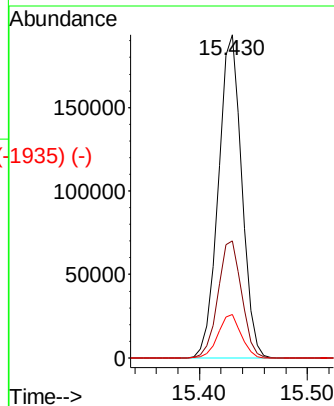
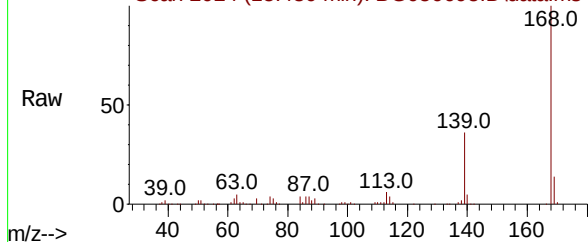
Ion Ratio Lower Upper

168 100

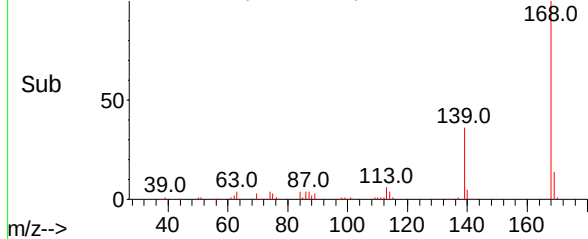
139 36.3 29.0 43.6

169 13.5 10.7 16.1

Abundance Scan 2024 (15.430 min): BG056695.D\data.ms



Abundance Scan 2024 (15.430 min): BG056695.D\data.ms (-1935) (-)



Abundance Scan 2028 (15.203 min): BG056637.D\data.ms (-2050) (-)

4-Nitrophenol

Concen: 108.144 ng

RT: 15.213 min Scan# 1987

Delta R.T. 0.009 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion:139 Resp: 90493

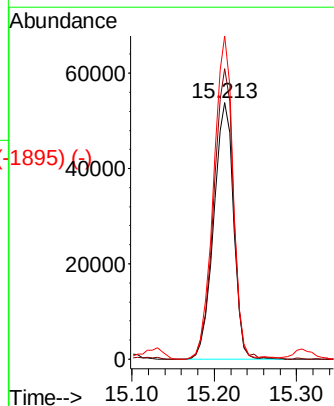
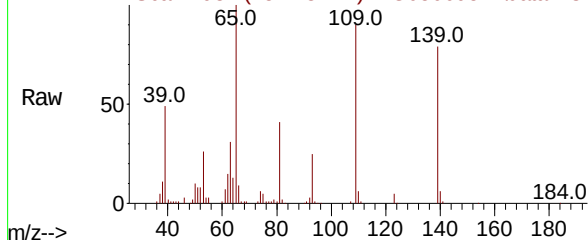
Ion Ratio Lower Upper

139 100

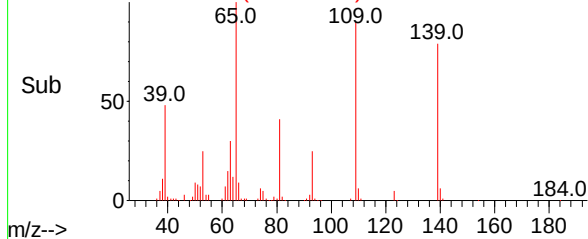
109 113.1 79.3 119.3

65 126.0 87.6 127.6

Abundance Scan 1987 (15.213 min): BG056695.D\data.ms



Abundance Scan 1987 (15.213 min): BG056695.D\data.ms (-1895) (-)



Abundance Scan 2058 (15.380 min): BG056637.D\data.ms (-2057) (-)

2,4-Dinitrotoluene

Concen: 54.628 ng

RT: 15.377 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056695.D

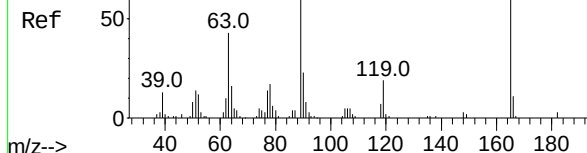
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS



Tgt Ion:165 Resp: 74960

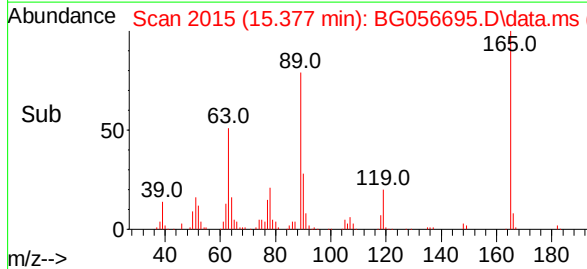
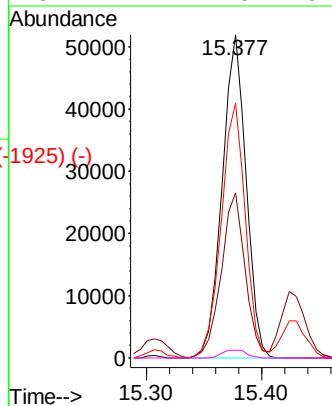
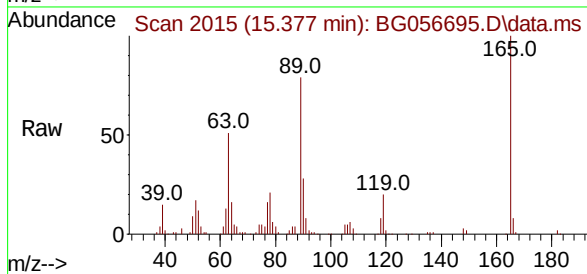
Ion Ratio Lower Upper

165 100

63 51.1 34.6 52.0

89 78.9 53.8 80.8

182 2.4 2.5 3.7#



Abundance Scan 2178 (16.085 min): BG056637.D\data.ms (-2150) (-)

Fluorene

Concen: 43.499 ng

RT: 16.071 min Scan# 2133

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

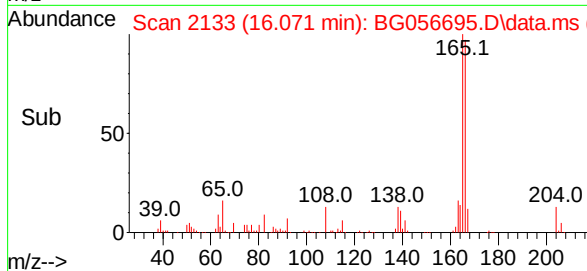
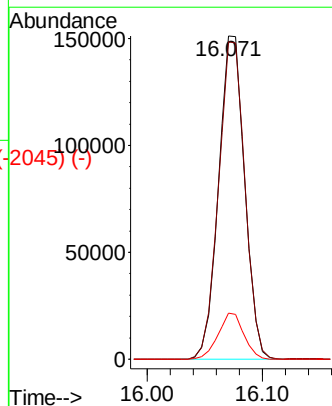
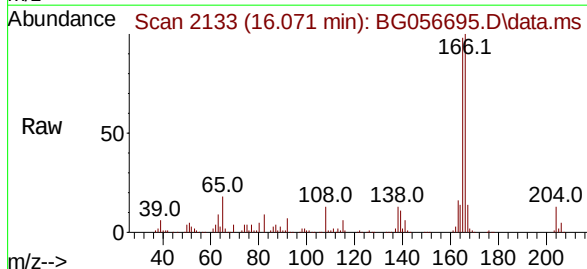
Tgt Ion:166 Resp: 237603

Ion Ratio Lower Upper

166 100

165 98.1 82.9 124.3

167 14.2 11.1 16.7



Abundance Scan 2104 (15.650 min): BG056637.D\data.ms (-2059) (-)

2,3,4,6-Tetrachlorophenol

Concen: 50.688 ng

RT: 15.648 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Ref 50

m/z-->

Abundance Scan 2061 (15.648 min): BG056695.D\data.ms

Raw 50

m/z-->

Abundance Scan 2061 (15.648 min): BG056695.D\data.ms (-1971) (-)

Sub 50

m/z-->

Tgt Ion:232 Resp: 81735

Ion Ratio Lower Upper

232 100

131 35.2 24.7 37.1

130 2.3 1.4 2.2#

166 25.5 16.6 25.0#

Abundance

50000

40000

30000

20000

10000

0

Time-->

Abundance Scan 2135 (15.832 min): BG056637.D\data.ms (-2120) (-)

Diethylphthalate

Concen: 44.565 ng

RT: 15.818 min Scan# 2090

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Ref 50

m/z-->

Abundance Scan 2090 (15.818 min): BG056695.D\data.ms

Raw 50

m/z-->

Abundance Scan 2090 (15.818 min): BG056695.D\data.ms (-2002) (-)

Sub 50

m/z-->

Tgt Ion:149 Resp: 252932

Ion Ratio Lower Upper

149 100

177 23.0 18.7 28.1

150 12.6 9.9 14.9

Abundance

150000

100000

50000

0

Time-->

Abundance Scan 2175 (16.067 min): BG056637.D\data.ms (-2163) (-)

4-Chlorophenyl-phenylether

Concen: 41.632 ng

RT: 16.053 min Scan# 2163

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Ref 50 204.0

m/z-->

Abundance Scan 2130 (16.053 min): BG056695.D\data.ms

Raw 50 204.0

m/z-->

Abundance Scan 2130 (16.053 min): BG056695.D\data.ms (-2042) (-)

Sub 50 204.0

m/z-->

Abundance

16.053

80000

60000

40000

20000

0

16.00 16.05 16.10

Time-->

Abundance Scan 2179 (16.090 min): BG056637.D\data.ms (-2162) (-)

4-Nitroaniline

Concen: 47.996 ng

RT: 16.082 min Scan# 2135

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion:138 Resp: 54631

Ion Ratio Lower Upper

138 100

92 58.6 31.5 71.5

108 118.0 88.6 128.6

Ref 50 204.0

m/z-->

Abundance Scan 2135 (16.082 min): BG056695.D\data.ms

Raw 50 204.0

m/z-->

Abundance Scan 2135 (16.082 min): BG056695.D\data.ms (-2046) (-)

Sub 50 203.9

m/z-->

Abundance

16.082

30000

20000

10000

0

16.00 16.10

Time-->

Abundance Scan 2224 (16.355 min): BG056637.D\data.ms (-2463) (-)

Azobenzene

Concen: 43.229 ng

RT: 16.347 min Scan# 2180

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion: 77 Resp: 245549

Ion Ratio Lower Upper

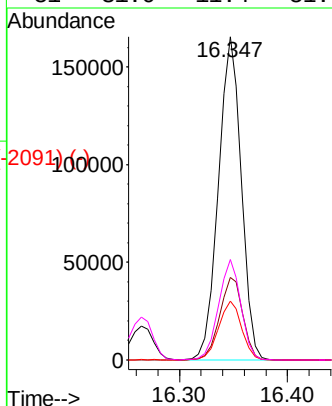
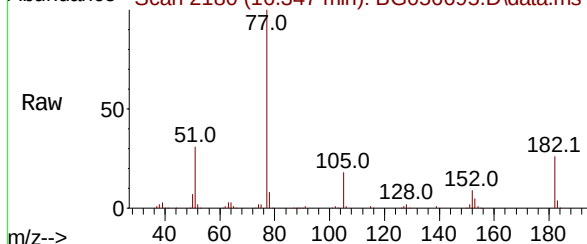
77 100

182 25.6 5.2 45.2

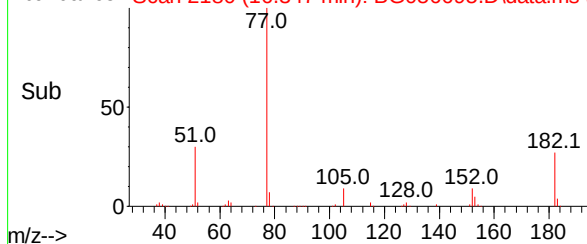
105 18.2 0.0 37.3

51 31.0 11.4 51.4

Abundance Scan 2180 (16.347 min): BG056695.D\data.ms



Abundance Scan 2180 (16.347 min): BG056695.D\data.ms (-2091) (-)



Abundance Scan 2466 (17.777 min): BG056637.D\data.ms (-2464) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.769 min Scan# 2422

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion: 188 Resp: 173590

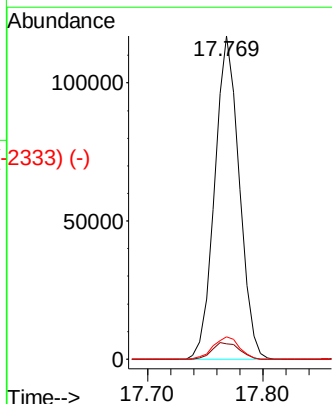
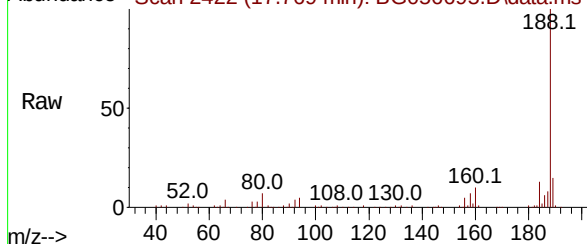
Ion Ratio Lower Upper

188 100

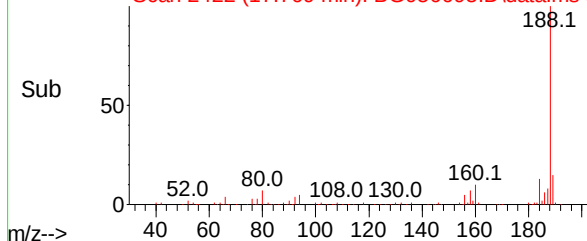
94 4.8 4.0 6.0

80 7.0 6.3 9.5

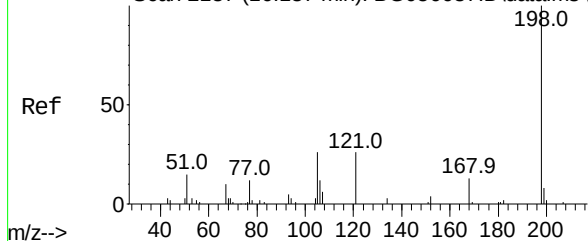
Abundance Scan 2422 (17.769 min): BG056695.D\data.ms



Abundance Scan 2422 (17.769 min): BG056695.D\data.ms (-2333) (-)



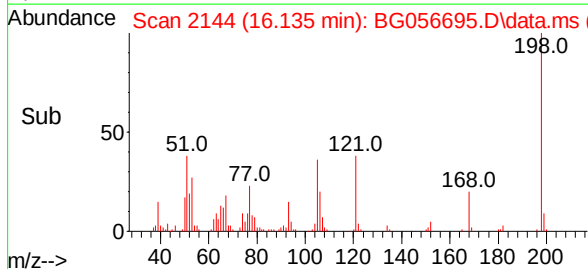
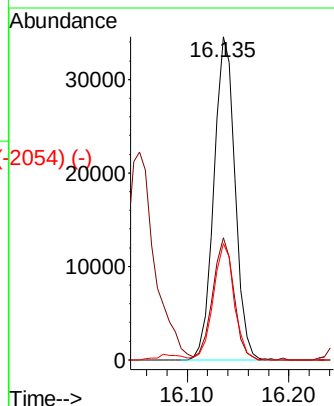
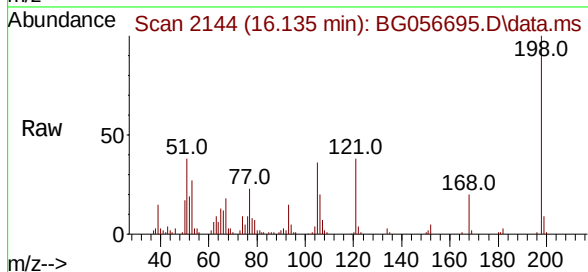
Abundance Scan 2187 (16.137 min): BG056637.D\data.ms (-2187) (-)



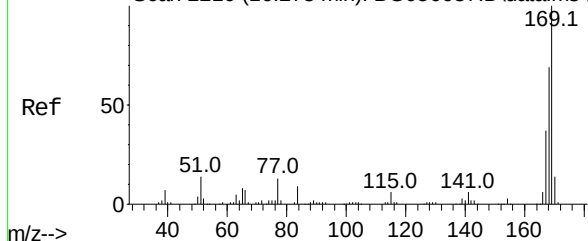
4,6-Dinitro-2-methylphenol
Concen: 55.992 ng
RT: 16.135 min Scan# 2187
Delta R.T. -0.002 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:	198	Resp:	50193
Ion	Ratio	Lower	Upper
198	100		
51	37.8	7.4	47.4
105	36.1	8.2	48.2

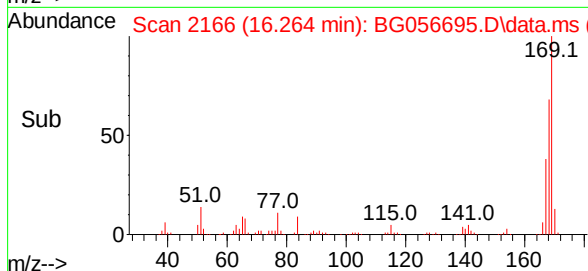
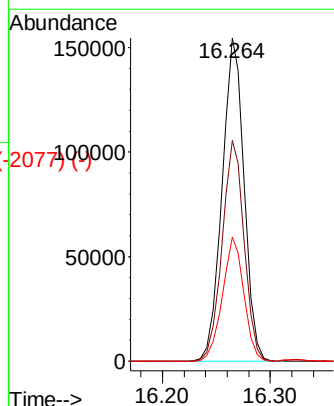
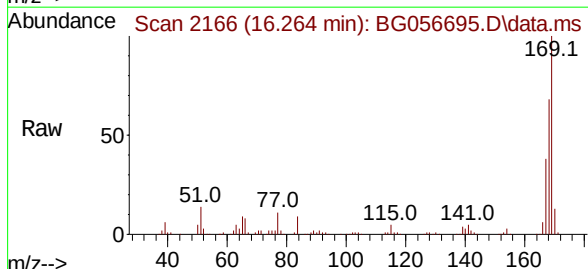


Abundance Scan 2210 (16.273 min): BG056637.D\data.ms (-2210) (-)



n-Nitrosodiphenylamine
Concen: 43.731 ng
RT: 16.264 min Scan# 2166
Delta R.T. -0.008 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:	169	Resp:	220840
Ion	Ratio	Lower	Upper
169	100		
168	68.3	55.5	83.3
167	38.4	29.5	44.3



Abundance Scan 2327 (16.960 min): BG056637.D\data.ms (-2327) (-)

4-Bromophenyl-phenylether

Concen: 43.090 ng

RT: 16.946 min Scan# 2194

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Ref 50 77.0 141.0 169.0 220.0 248.0

m/z-->

Abundance Scan 2282 (16.946 min): BG056695.D\data.ms

Raw 50 77.0 141.1 169.0 222.0 250.0

m/z-->

Abundance Scan 2282 (16.946 min): BG056695.D\data.ms (-2194) (-)

Sub 50 77.0 141.1 169.0 220.0 250.0

m/z-->

Abundance

60000 16.946

40000

20000

0

Time--> 16.90 16.95 17.00

Abundance Scan 2348 (17.083 min): BG056637.D\data.ms (-2348) (-)

Hexachlorobenzene

Concen: 46.069 ng

RT: 17.075 min Scan# 2304

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Ref 50 71.0 106.9 141.9 178.9 213.8 248.8 283.8

m/z-->

Abundance Scan 2304 (17.075 min): BG056695.D\data.ms

Raw 50 71.0 107.0 141.9 178.9 213.9 248.8 283.8

m/z-->

Abundance Scan 2304 (17.075 min): BG056695.D\data.ms (-2215) (-)

Sub 50 71.0 107.0 141.9 178.9 213.9 248.8 283.8

m/z-->

Abundance

60000 17.075

40000

20000

0

Time--> 17.00 17.10

Abundance Scan 2369 (17.207 min): BG056637.D\data.ms (-2369) (-)

Atrazine

Concen: 47.484 ng

RT: 17.199 min Scan# 2369

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion:200 Resp: 92079

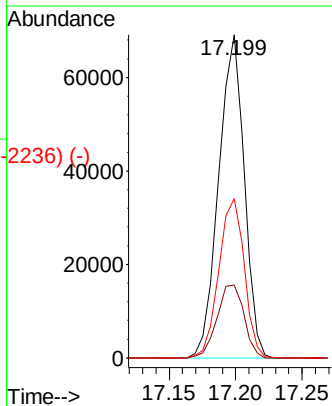
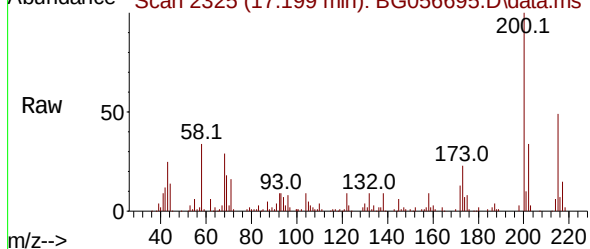
Ion Ratio Lower Upper

200 100

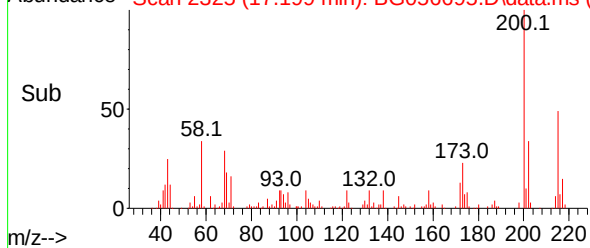
173 22.6 4.4 44.4

215 49.3 29.6 69.6

Abundance Scan 2325 (17.199 min): BG056695.D\data.ms



Abundance Scan 2325 (17.199 min): BG056695.D\data.ms (-2236) (-)



Abundance Scan 2404 (17.412 min): BG056637.D\data.ms (-2370) (-)

Pentachlorophenol

Concen: 88.257 ng

RT: 17.410 min Scan# 2361

Delta R.T. -0.002 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Tgt Ion:266 Resp: 132717

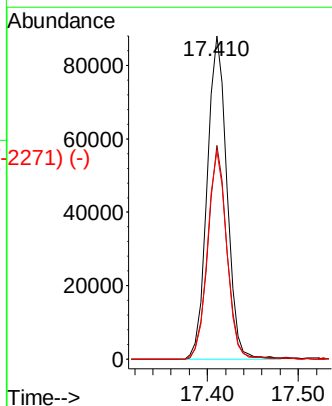
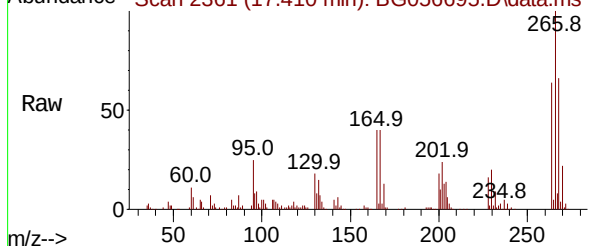
Ion Ratio Lower Upper

266 100

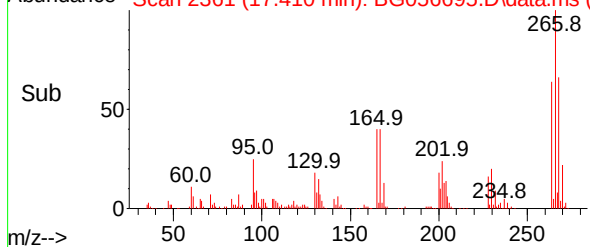
268 66.1 46.7 70.1

264 64.3 51.8 77.6

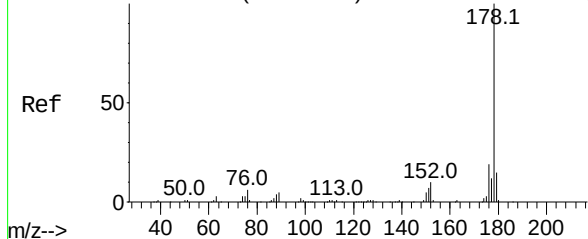
Abundance Scan 2361 (17.410 min): BG056695.D\data.ms



Abundance Scan 2361 (17.410 min): BG056695.D\data.ms (-2271) (-)



Abundance Scan 2474 (17.824 min): BG056637.D\data.ms (-2474) (-)



Phenanthrene

Concen: 44.158 ng

RT: 17.816 min Scan# 2474

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

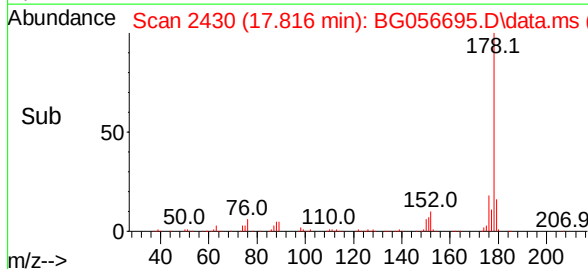
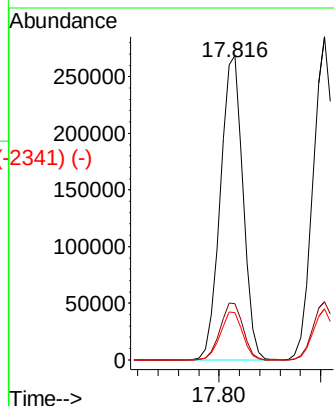
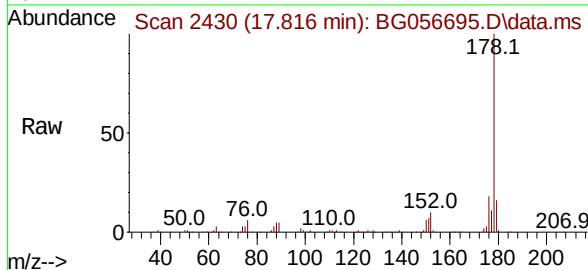
Tgt Ion:178 Resp: 417035

Ion Ratio Lower Upper

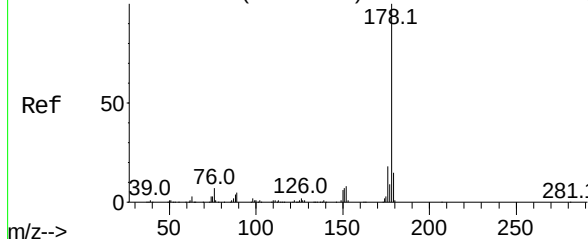
178 100

176 18.4 15.4 23.2

179 15.5 12.2 18.4



Abundance Scan 2489 (17.912 min): BG056637.D\data.ms (-2489) (-)



Anthracene

Concen: 43.263 ng

RT: 17.904 min Scan# 2445

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

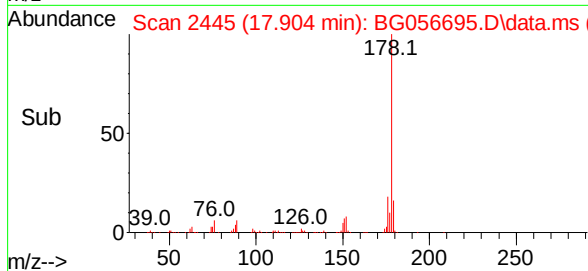
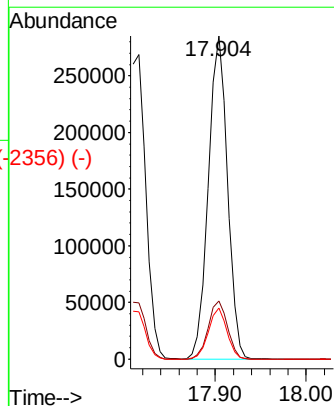
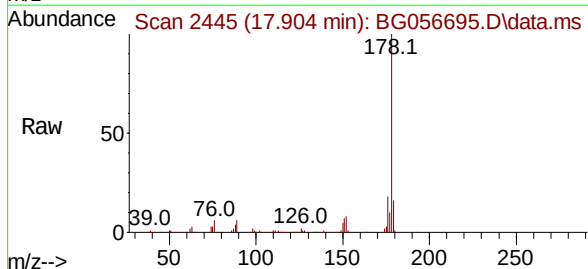
Tgt Ion:178 Resp: 418076

Ion Ratio Lower Upper

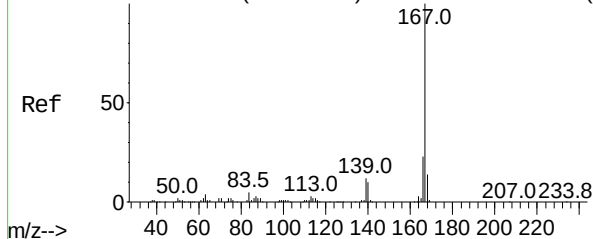
178 100

176 18.0 14.3 21.5

179 15.9 12.2 18.4



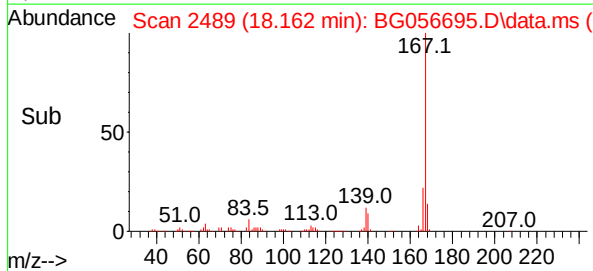
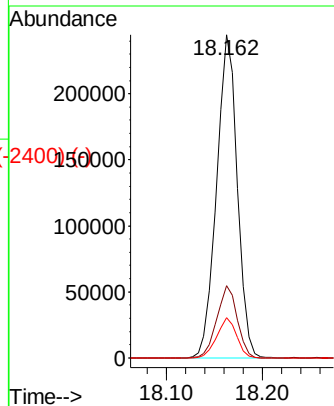
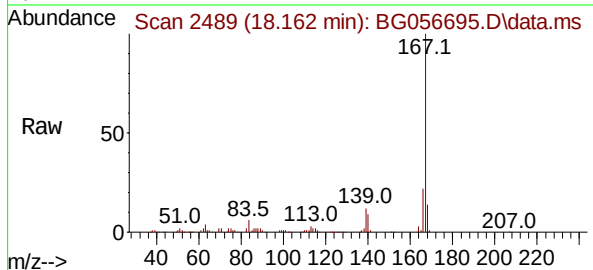
Abundance Scan 2533 (18.170 min): BG056637.D\data.ms (-2579) (-)



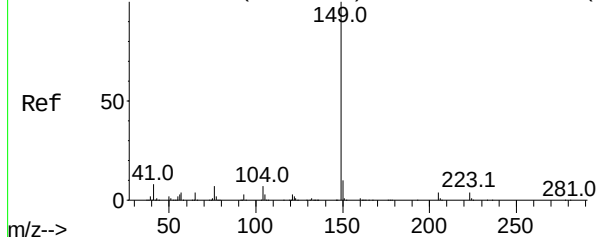
Carbazole
Concen: 43.800 ng
RT: 18.162 min Scan# 2579
Delta R.T. -0.008 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:167 Resp: 364876
Ion Ratio Lower Upper
167 100
166 22.4 18.1 27.1
139 12.4 9.4 14.0

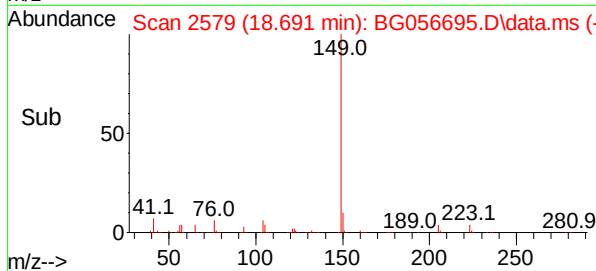
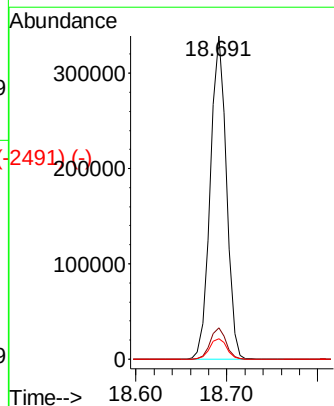
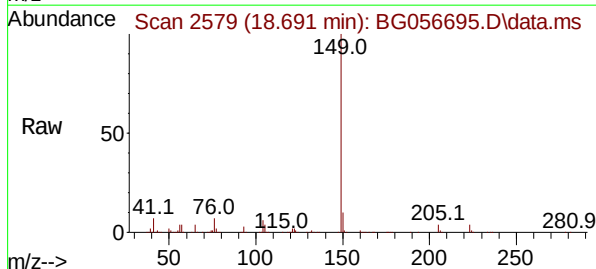


Abundance Scan 2624 (18.705 min): BG056637.D\data.ms (-2674) (-)

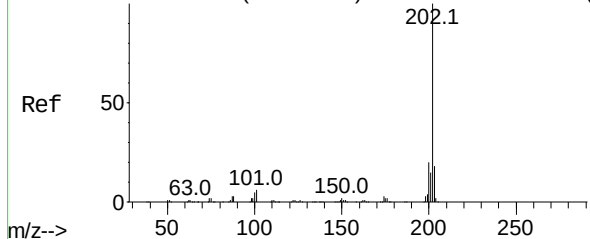


Di-n-butylphthalate
Concen: 44.729 ng
RT: 18.691 min Scan# 2579
Delta R.T. -0.014 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:149 Resp: 416988
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 6.3 5.4 8.0



Abundance Scan 2811 (19.804 min): BG056637.D\data.ms (-2675) (-)



Fluoranthene

Concen: 39.986 ng

RT: 19.796 min Scan# 2675

Delta R.T. -0.008 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

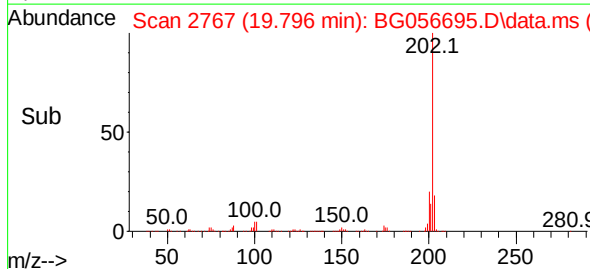
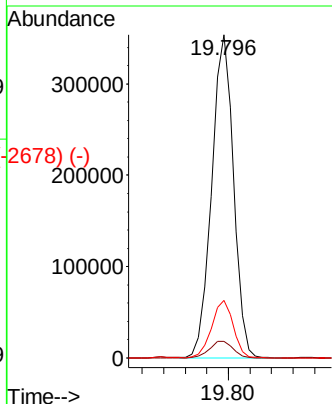
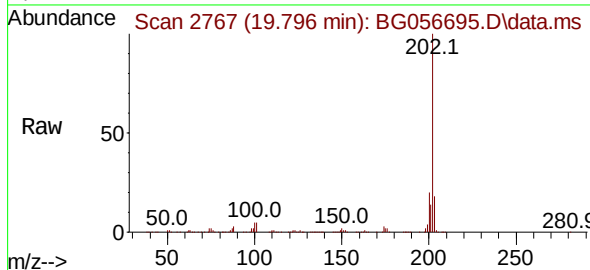
Tgt Ion:202 Resp: 498284

Ion Ratio Lower Upper

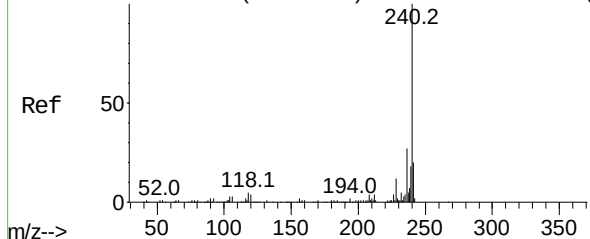
202 100

101 5.1 0.0 25.8

203 17.8 0.0 37.6



Abundance Scan 3202 (22.101 min): BG056637.D\data.ms (-3175) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 22.087 min Scan# 3157

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

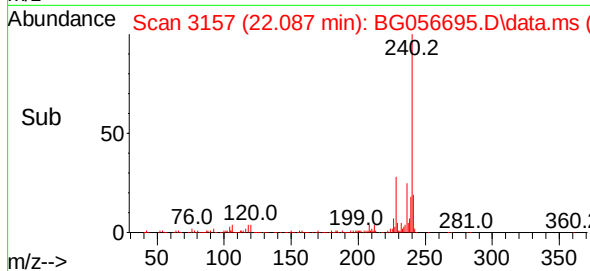
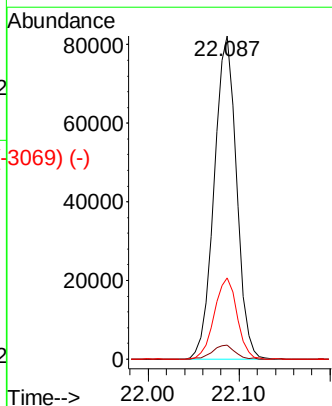
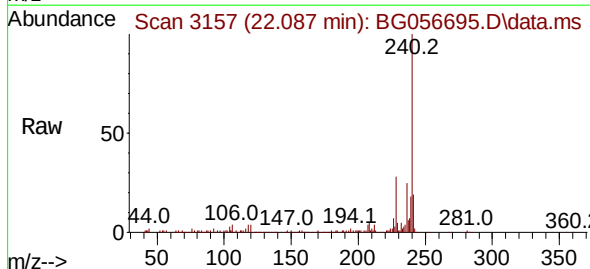
Tgt Ion:240 Resp: 140397

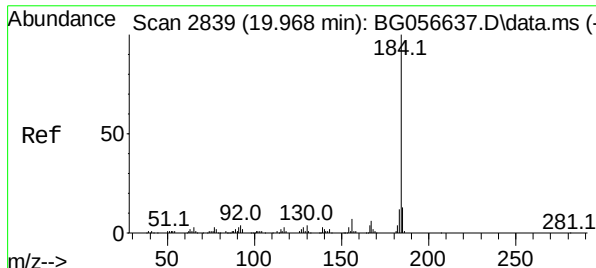
Ion Ratio Lower Upper

240 100

120 4.4 3.5 5.3

236 25.2 21.5 32.3

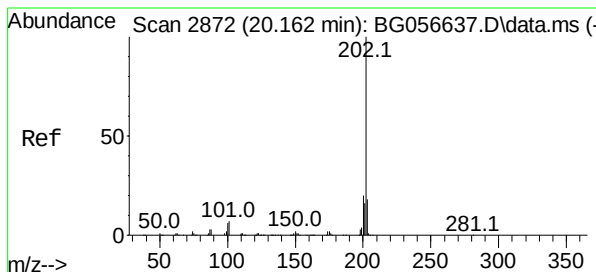
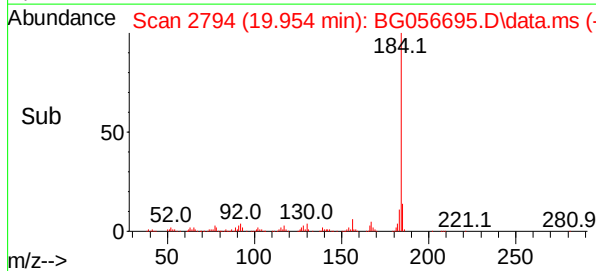
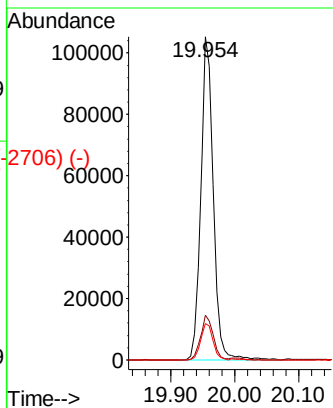
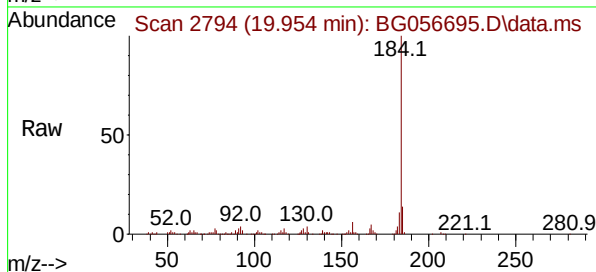




Benzidine
Concen: 42.895 ng
RT: 19.954 min Scan# 2779
Delta R.T. -0.014 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

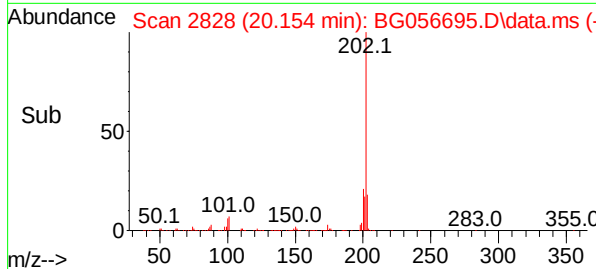
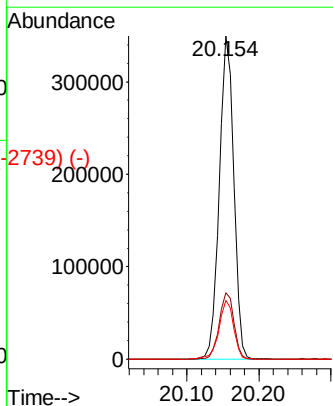
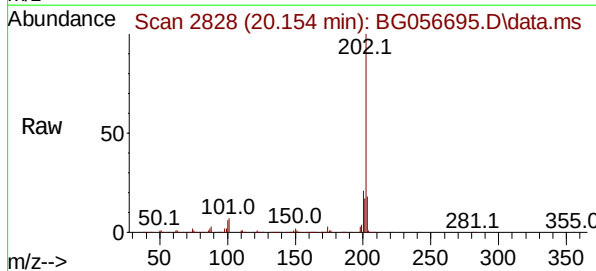
Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:	184	Resp:	144039
Ion	Ratio	Lower	Upper
184	100		
185	13.8	10.6	15.8
183	11.2	9.4	14.0



Pyrene
Concen: 45.976 ng
RT: 20.154 min Scan# 2828
Delta R.T. -0.008 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:	202	Resp:	487484
Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.8	23.8
203	18.2	14.2	21.4



Abundance Scan 2904 (20.350 min): BG056637.D\data.ms (-2876) (-)

Terphenyl-d14

Concen: 98.453 ng

RT: 20.336 min Scan# 2904

Delta R.T. -0.014 min

Lab File: BG056695.D

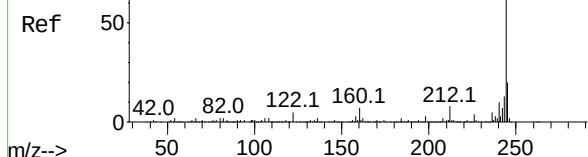
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS



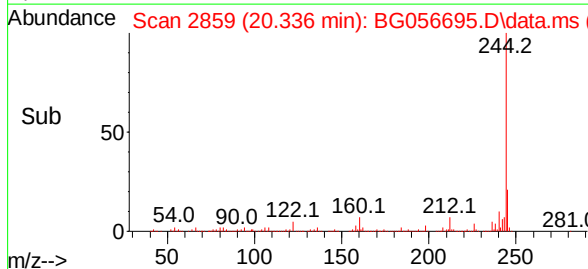
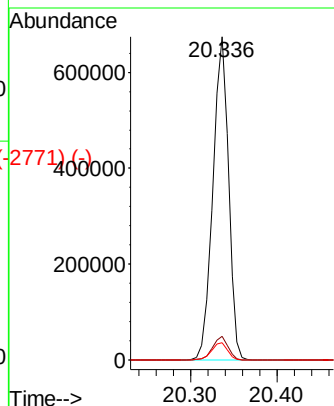
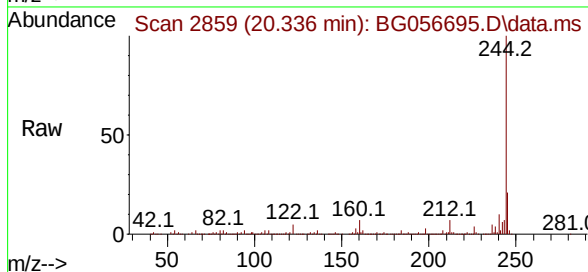
Tgt Ion:244 Resp: 844837

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 5.4 3.8 5.8



Abundance Scan 3020 (21.032 min): BG056637.D\data.ms (-3024) (-)

Butylbenzylphthalate

Concen: 49.758 ng

RT: 21.018 min Scan# 2975

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

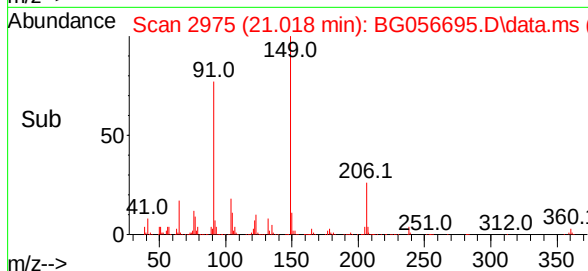
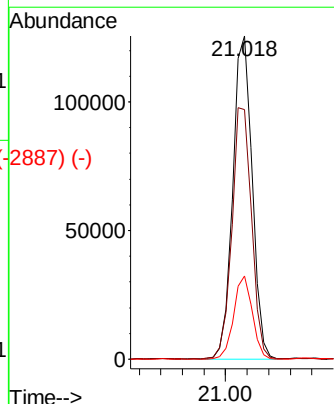
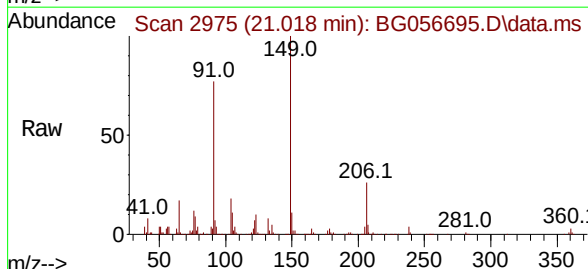
Tgt Ion:149 Resp: 158429

Ion Ratio Lower Upper

149 100

91 77.3 60.3 90.5

206 25.6 19.0 28.6



Abundance Scan 3198 (22.078 min): BG056637.D\data.ms (-3181) (-)

Benzo(a)anthracene

Concen: 42.864 ng

RT: 22.064 min Scan# 3153

Delta R.T. -0.014 min

Lab File: BG056695.D

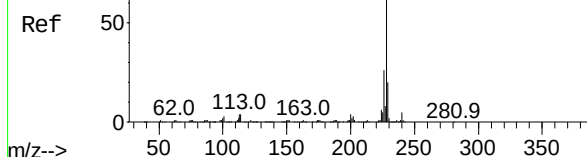
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS



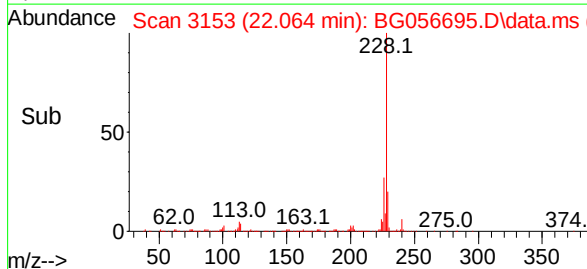
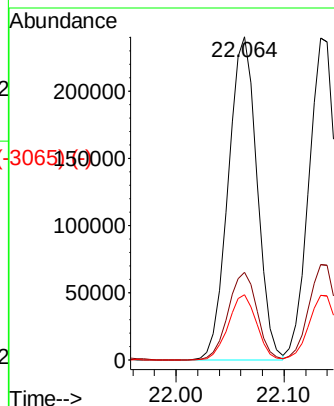
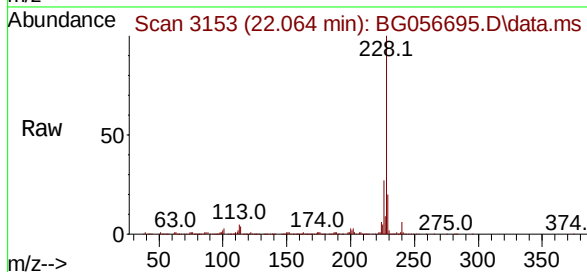
Tgt Ion:228 Resp: 447543

Ion Ratio Lower Upper

228 100

226 27.2 20.4 30.6

229 20.1 16.0 24.0



Abundance Scan 3180 (21.972 min): BG056637.D\data.ms (-3182) (-)

3,3'-Dichlorobenzidine

Concen: 37.234 ng

RT: 21.958 min Scan# 3135

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

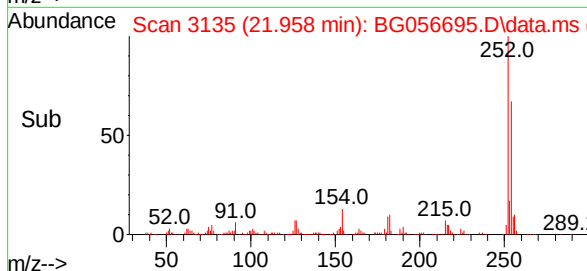
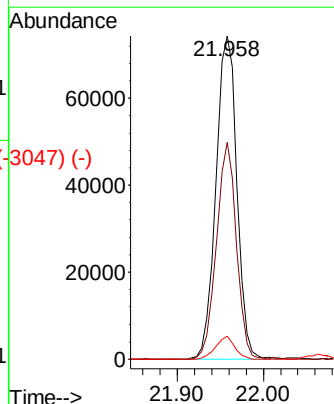
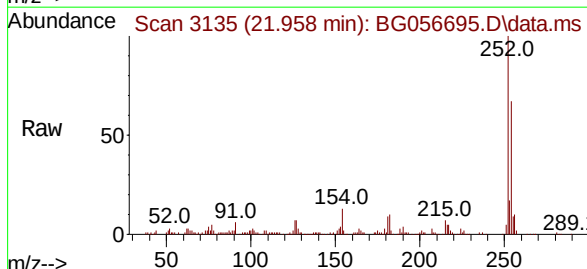
Tgt Ion:252 Resp: 126130

Ion Ratio Lower Upper

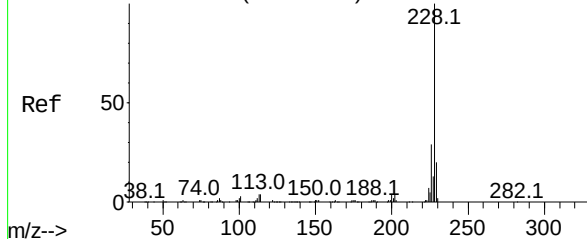
252 100

254 67.1 52.2 78.2

126 7.1 4.9 7.3



Abundance Scan 3210 (22.148 min): BG056637.D\data.ms (-3264) (-)



Chrysene

Concen: 42.595 ng

RT: 22.134 min Scan# 3165

Delta R.T. -0.014 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

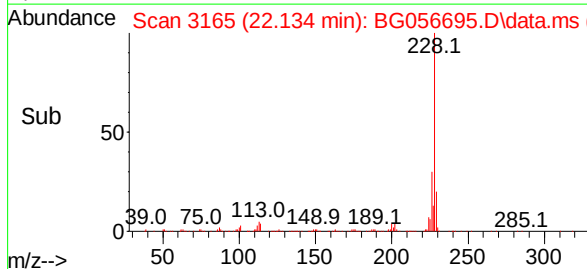
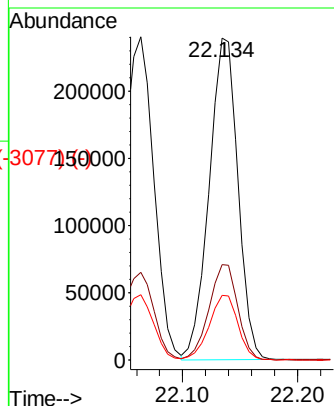
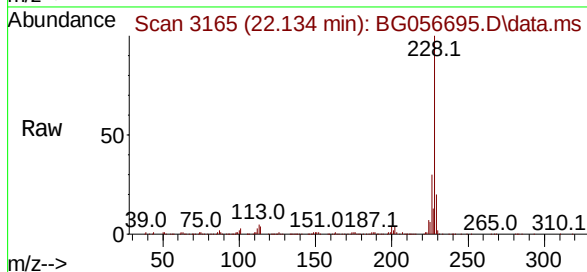
Tgt Ion:228 Resp: 415753

Ion Ratio Lower Upper

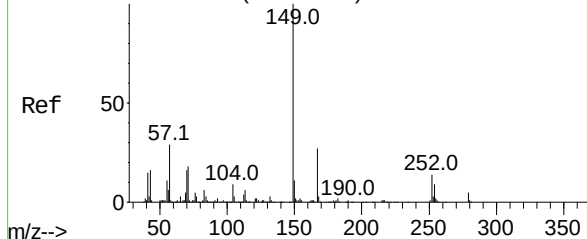
228 100

226 29.6 23.0 34.6

229 20.0 15.8 23.8



Abundance Scan 3177 (21.954 min): BG056637.D\data.ms (-3164) (-)



Bis(2-ethylhexyl)phthalate

Concen: 45.987 ng

RT: 21.928 min Scan# 3130

Delta R.T. -0.026 min

Lab File: BG056695.D

Acq: 22 Feb 2023 13:03

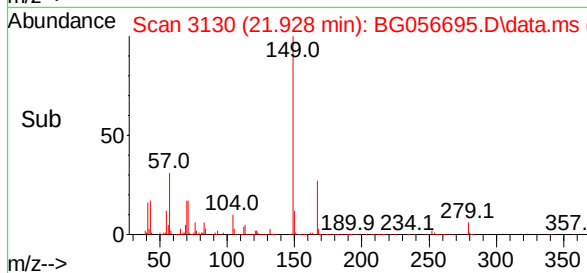
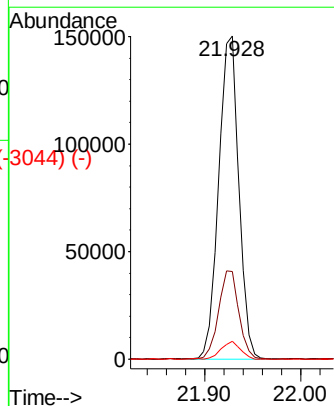
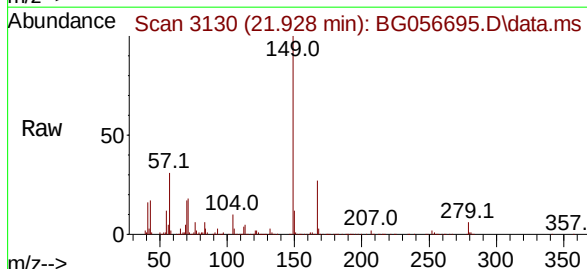
Tgt Ion:149 Resp: 219413

Ion Ratio Lower Upper

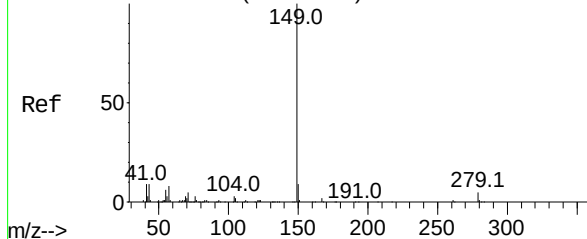
149 100

167 27.1 21.4 32.0

279 5.6 4.1 6.1



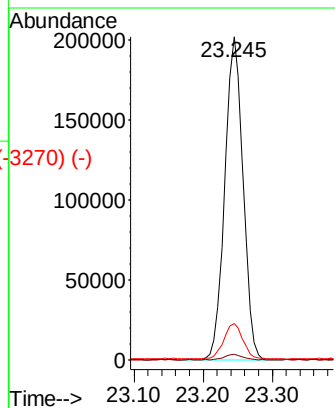
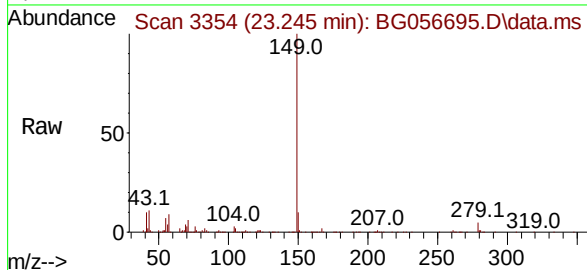
Abundance Scan 3403 (23.282 min): BG056637.D\data.ms (-3395) (-)



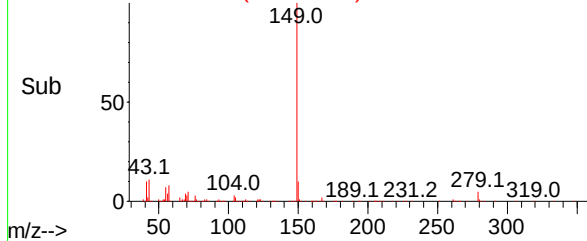
Di-n-octyl phthalate
Concen: 46.768 ng
RT: 23.245 min Scan# 3354
Delta R.T. -0.038 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

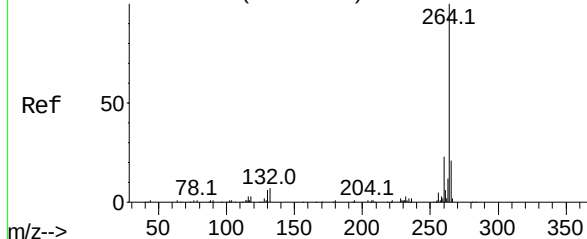
Tgt Ion:149 Resp: 370873
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.5 7.8 11.6



Abundance Scan 3354 (23.245 min): BG056695.D\data.ms (-3270) (-)

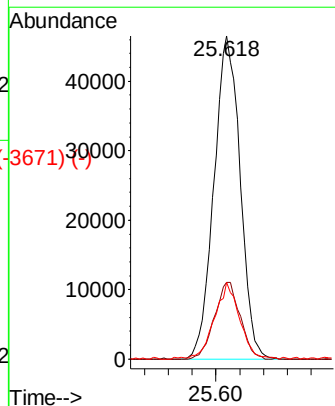
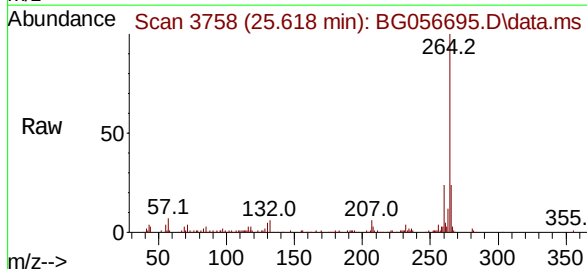


Abundance Scan 3804 (25.638 min): BG056637.D\data.ms (-3790) (-)

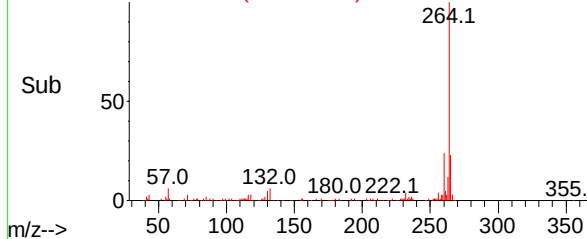


Perylene-d12
Concen: 20.000 ng
RT: 25.618 min Scan# 3758
Delta R.T. -0.020 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

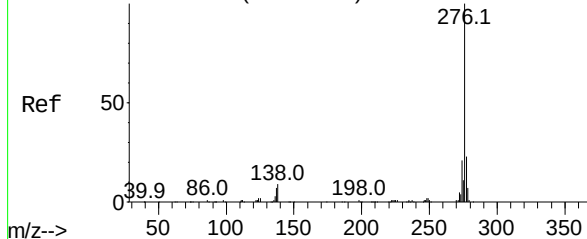
Tgt Ion:264 Resp: 141333
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 23.6 17.0 25.4



Abundance Scan 3758 (25.618 min): BG056695.D\data.ms (-3671) (-)



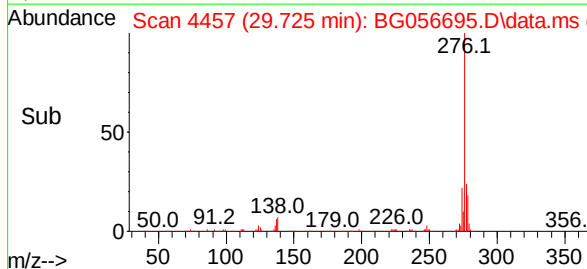
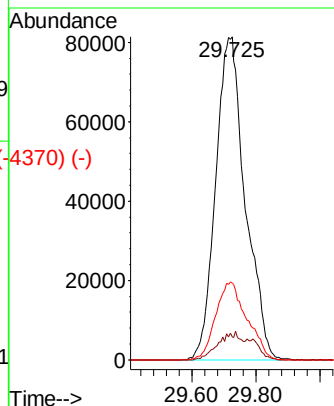
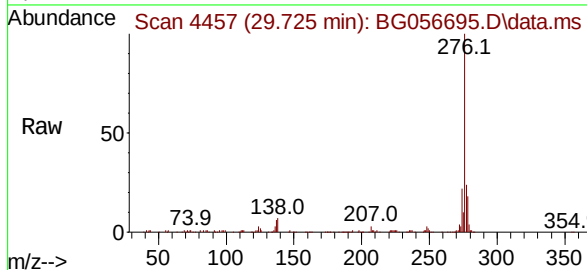
Abundance Scan 4503 (29.745 min): BG056637.D\data.ms (-4370) (-)



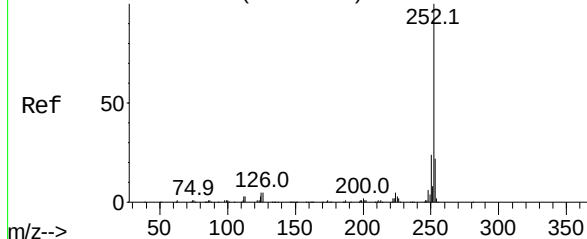
Indeno(1,2,3-cd)pyrene
Concen: 47.289 ng
RT: 29.725 min Scan# 4189
Delta R.T. -0.020 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :
BNA_G
ClientSampleId :
PB150950BS

Tgt Ion:276 Resp: 523429
Ion Ratio Lower Upper
276 100
138 4.7 3.8 5.8
277 25.5 20.3 30.5

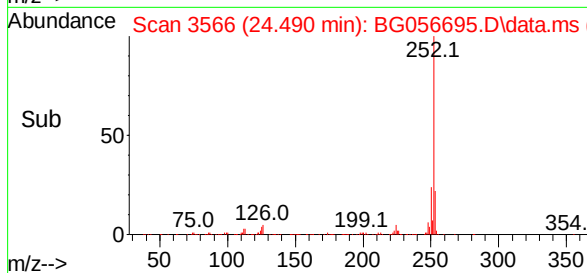
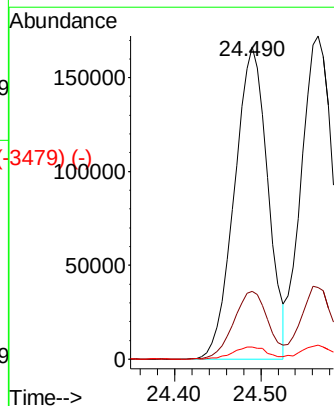
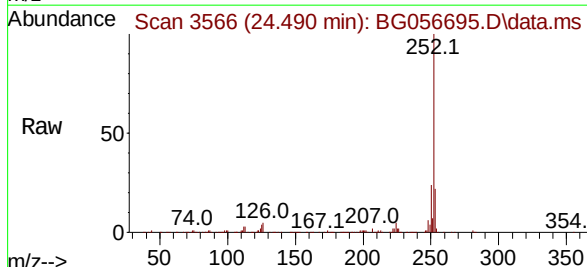


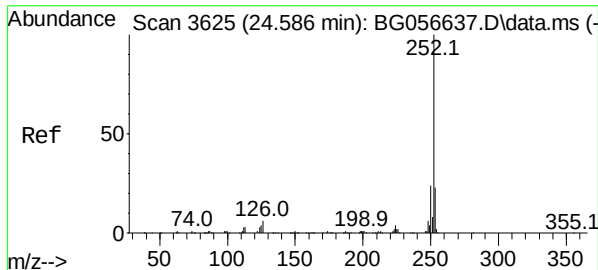
Abundance Scan 3612 (24.510 min): BG056637.D\data.ms (-3598) (-)



Benzo(b)fluoranthene
Concen: 48.356 ng
RT: 24.490 min Scan# 3566
Delta R.T. -0.020 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:252 Resp: 446490
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 4.0 3.7 5.5

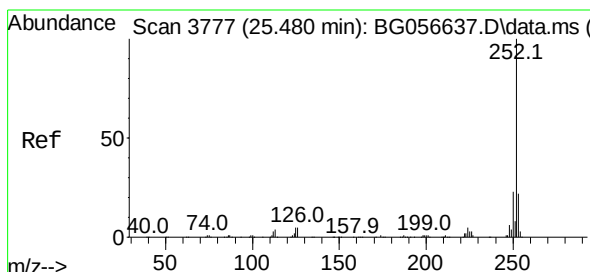
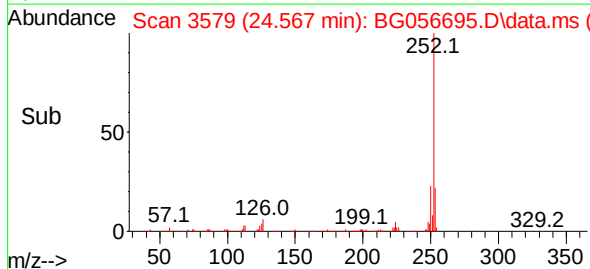
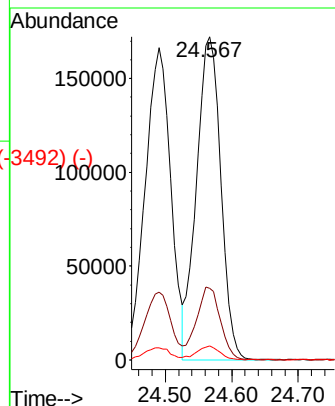
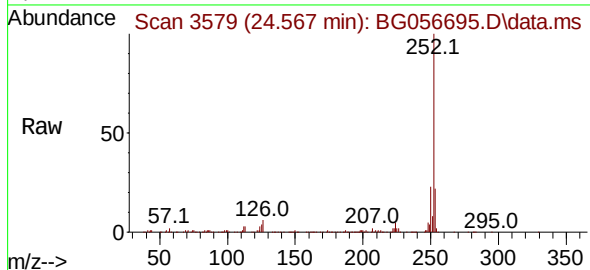




Benzo(k)fluoranthene
 Concen: 48.561 ng
 RT: 24.567 min Scan# 3625
 Delta R.T. -0.020 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03

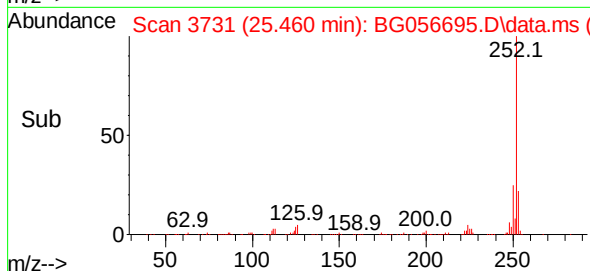
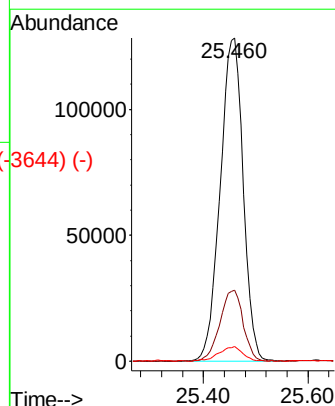
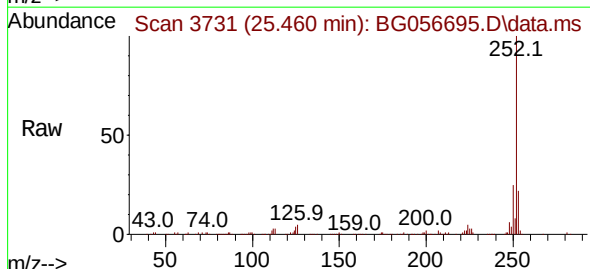
Instrument :
 BNA_G
 ClientSampleId :
 PB150950BS

Tgt Ion:	252	Resp:	440932
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.5	27.7
125	4.3	3.4	5.0

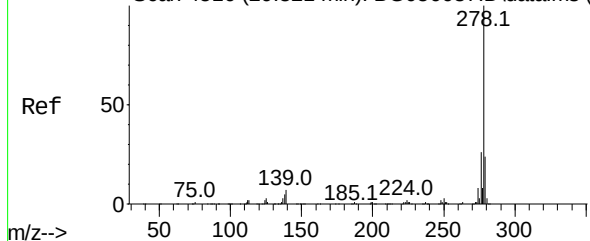


Benzo(a)pyrene
 Concen: 44.079 ng
 RT: 25.460 min Scan# 3731
 Delta R.T. -0.020 min
 Lab File: BG056695.D
 Acq: 22 Feb 2023 13:03

Tgt Ion:	252	Resp:	391222
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	4.5	4.0	6.0



Abundance Scan 4516 (29.821 min): BG056637.D\data.ms (-4493) (-)



Dibenzo(a,h)anthracene
Concen: 48.716 ng
RT: 29.790 min Scan# 4468
Delta R.T. -0.032 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Instrument :

BNA_G

ClientSampleId :

PB150950BS

Tgt Ion:278 Resp: 446600

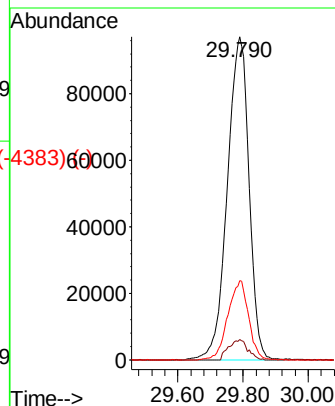
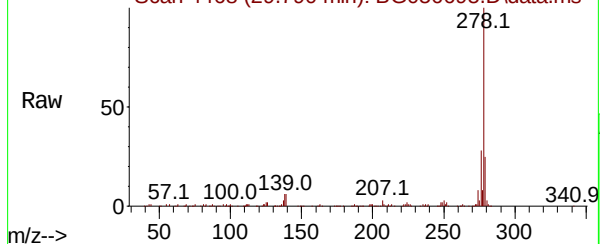
Ion Ratio Lower Upper

278 100

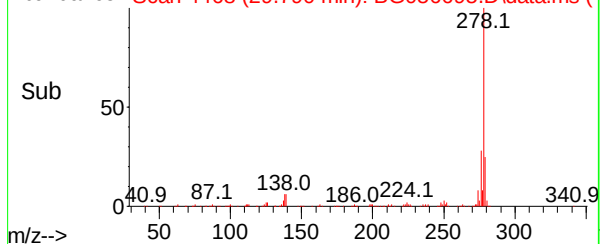
139 6.2 5.8 8.8

279 24.6 19.6 29.4

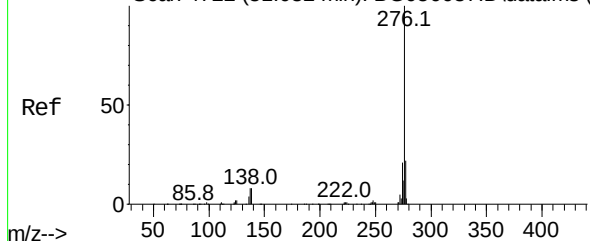
Abundance Scan 4468 (29.790 min): BG056695.D\data.ms



Abundance Scan 4468 (29.790 min): BG056695.D\data.ms (-4383) (-)



Abundance Scan 4722 (31.032 min): BG056637.D\data.ms (-4692) (-)



Benzo(g,h,i)perylene
Concen: 47.704 ng
RT: 31.000 min Scan# 4674
Delta R.T. -0.032 min
Lab File: BG056695.D
Acq: 22 Feb 2023 13:03

Tgt Ion:276 Resp: 427319

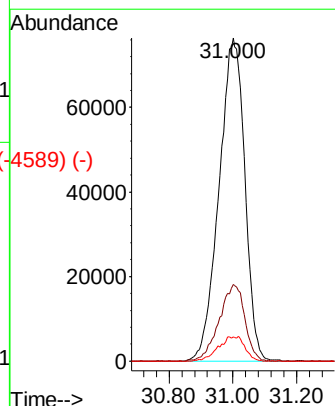
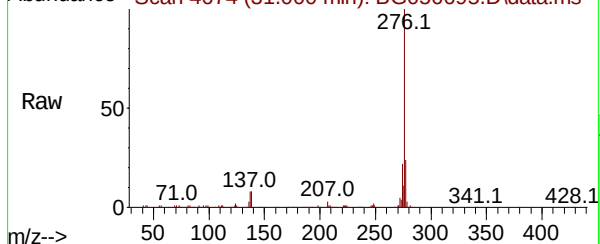
Ion Ratio Lower Upper

276 100

277 23.7 17.5 26.3

138 7.5 6.4 9.6

Abundance Scan 4674 (31.000 min): BG056695.D\data.ms



Abundance Scan 4674 (31.000 min): BG056695.D\data.ms (-4589) (-)

