

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058746.D
 Acq On : 16 Aug 2023 13:24
 Operator : MA/JU
 Sample : PB154469BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154469BSD

Quant Time: Aug 16 14:01:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	28185	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	122336	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	90237	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	225978	20.000	ng	0.00
76) Chrysene-d12	21.449	240	192529	20.000	ng	# 0.00
86) Perylene-d12	24.522	264	242804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	245894	133.347	ng	0.00
7) Phenol-d6	6.983	99	339635	132.364	ng	0.00
23) Nitrobenzene-d5	8.975	82	208414	83.691	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	179617	121.441	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	496895	82.521	ng	0.00
79) Terphenyl-d14	19.827	244	920936	89.952	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	28798	32.229	ng	# 90
3) Pyridine	3.658	79	73049	29.985	ng	# 82
4) n-Nitrosodimethylamine	3.581	42	48201	46.697	ng	# 82
6) Aniline	7.136	93	93590	29.625	ng	96
8) 2-Chlorophenol	7.377	128	91231	50.431	ng	97
9) Benzaldehyde	6.948	77	39278	28.175	ng	98
10) Phenol	7.013	94	124054	49.493	ng	97
11) bis(2-Chloroethyl)ether	7.230	93	83633	42.324	ng	92
12) 1,3-Dichlorobenzene	7.694	146	87063	45.070	ng	95
13) 1,4-Dichlorobenzene	7.847	146	88960	45.865	ng	96
14) 1,2-Dichlorobenzene	8.164	146	86840	46.829	ng	99
15) Benzyl Alcohol	8.053	79	92116	56.609	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.340	45	181842	56.651	ng	93
17) 2-Methylphenol	8.258	107	86216	47.043	ng	99
18) Hexachloroethane	8.887	117	32469	46.056	ng	96
19) n-Nitroso-di-n-propyla...	8.617	70	73394	44.283	ng	93
20) 3+4-Methylphenols	8.587	107	115651	46.652	ng	97
22) Acetophenone	8.634	105	144408	44.085	ng	93
24) Nitrobenzene	9.022	77	108520	42.864	ng	97
25) Isophorone	9.539	82	215226	41.829	ng	98
26) 2-Nitrophenol	9.727	139	49439	44.861	ng	# 92
27) 2,4-Dimethylphenol	9.792	122	83108	45.464	ng	95
28) bis(2-Chloroethoxy)met...	10.021	93	121787	43.493	ng	99
29) 2,4-Dichlorophenol	10.268	162	92406	48.686	ng	98
30) 1,2,4-Trichlorobenzene	10.479	180	98252	44.887	ng	100
31) Naphthalene	10.661	128	277558	43.047	ng	99
32) Benzoic acid	9.962	122	48401	35.949	ng	95
33) 4-Chloroaniline	10.779	127	61267	22.490	ng	98
34) Hexachlorobutadiene	10.943	225	64244	45.576	ng	95
35) Caprolactam	11.560	113	22759	32.472	ng	# 74
36) 4-Chloro-3-methylphenol	11.913	107	114228	48.652	ng	93
37) 2-Methylnaphthalene	12.277	142	194042	42.071	ng	98
38) 1-Methylnaphthalene	12.500	142	190120	43.364	ng	99
40) 1,2,4,5-Tetrachloroben...	12.647	216	116841	42.175	ng	99
41) Hexachlorocyclopentadiene	12.624	237	100689	78.399	ng	97
43) 2,4,6-Trichlorophenol	12.894	196	83924	44.043	ng	98

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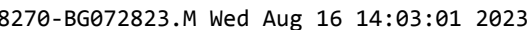
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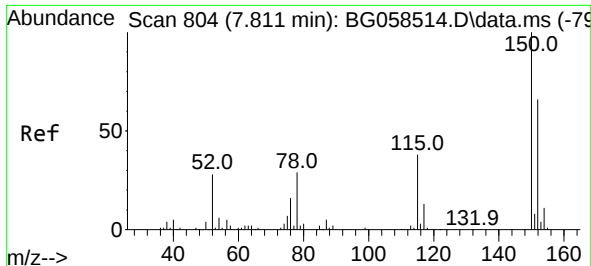
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	93792	41.790	ng	97
46) 1,1'-Biphenyl	13.293	154	265769	42.886	ng	97
47) 2-Chloronaphthalene	13.335	162	213091	44.101	ng	97
48) 2-Nitroaniline	13.546	65	85914	46.584	ng	99
49) Acenaphthylene	14.181	152	354226	43.788	ng	99
50) Dimethylphthalate	13.922	163	301159	44.438	ng	98
51) 2,6-Dinitrotoluene	14.046	165	66666	44.832	ng	97
52) Acenaphthene	14.521	154	199756	42.735	ng	99
53) 3-Nitroaniline	14.375	138	40625	27.307	ng #	98
54) 2,4-Dinitrophenol	14.592	184	72984	86.406	ng	95
55) Dibenzofuran	14.862	168	346018	43.080	ng	99
56) 4-Nitrophenol	14.692	139	97335	87.949	ng	89
57) 2,4-Dinitrotoluene	14.839	165	95640	46.393	ng	94
58) Fluorene	15.509	166	283773	44.474	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	86363	45.094	ng	97
60) Diethylphthalate	15.279	149	313415	45.395	ng	99
61) 4-Chlorophenyl-phenyle...	15.503	204	156212	43.913	ng	98
62) 4-Nitroaniline	15.544	138	67971	48.229	ng	95
63) Azobenzene	15.791	77	292570	43.023	ng	96
65) 4,6-Dinitro-2-methylph...	15.603	198	57724	46.327	ng	98
66) n-Nitrosodiphenylamine	15.720	169	254336	43.243	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	107967	42.124	ng	98
68) Hexachlorobenzene	16.513	284	121878	44.874	ng	98
69) Atrazine	16.672	200	106809	53.795	ng	96
70) Pentachlorophenol	16.860	266	113081	68.787	ng	99
71) Phenanthrene	17.248	178	473356	44.169	ng	99
72) Anthracene	17.342	178	473557	43.065	ng	98
73) Carbazole	17.612	167	441922	45.574	ng	99
74) Di-n-butylphthalate	18.164	149	551968	45.445	ng	99
75) Fluoranthene	19.263	202	568504	44.162	ng	98
77) Benzidine	19.451	184	177614	60.837	ng	97
78) Pyrene	19.627	202	586156	44.736	ng	99
80) Butylbenzylphthalate	20.514	149	246023	45.712	ng	96
81) Benzo(a)anthracene	21.431	228	596640	45.031	ng	98
82) 3,3'-Dichlorobenzidine	21.355	252	166270	37.115	ng	98
83) Chrysene	21.496	228	552620	43.501	ng	98
84) Bis(2-ethylhexyl)phtha...	21.331	149	357271	45.426	ng	99
85) Di-n-octyl phthalate	22.483	149	627404	45.373	ng	97
87) Indeno(1,2,3-cd)pyrene	28.035	276	740591	45.849	ng	97
88) Benzo(b)fluoranthene	23.552	252	630685	47.891	ng	99
89) Benzo(k)fluoranthene	23.617	252	602225	45.521	ng	99
90) Benzo(a)pyrene	24.380	252	557323	43.093	ng	99
91) Dibenzo(a,h)anthracene	28.082	278	617571	46.238	ng	98
92) Benzo(g,h,i)perylene	29.128	276	589269	43.998	ng	99

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

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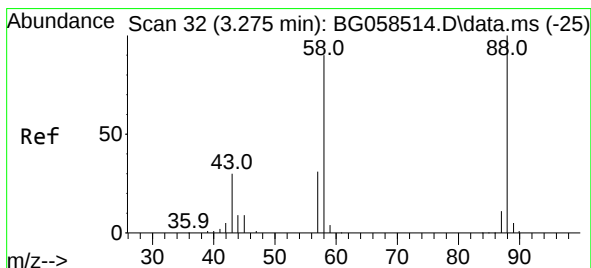
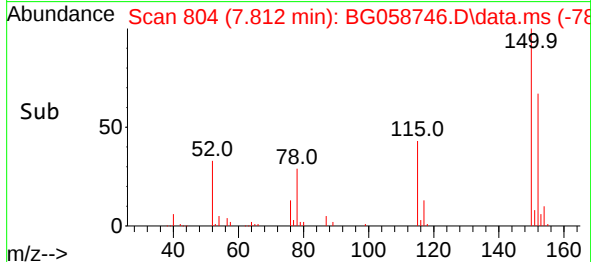
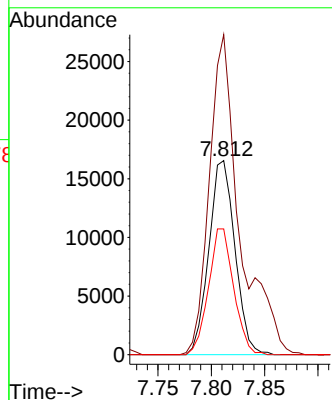
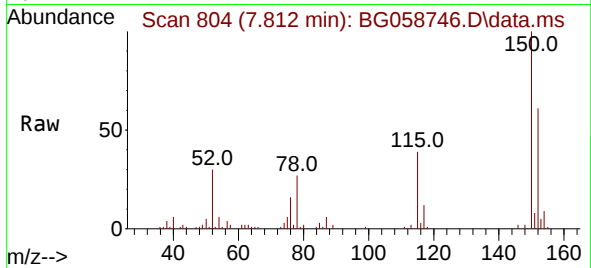




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.812 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BG058746.D
 Acq: 16 Aug 2023 13:24

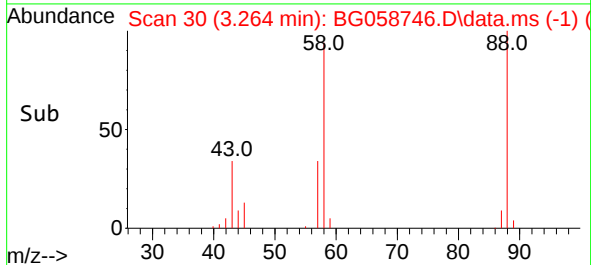
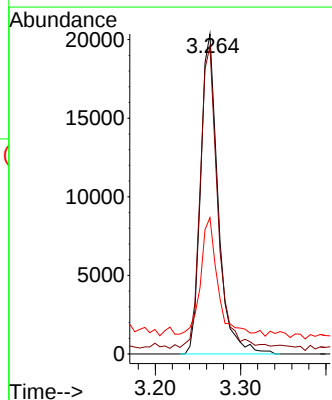
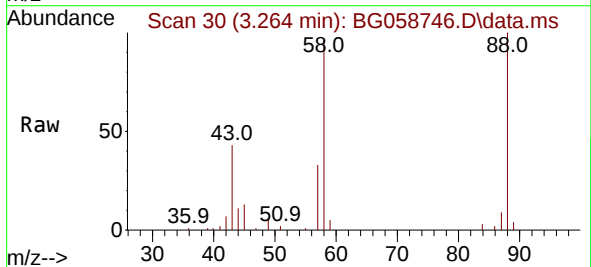
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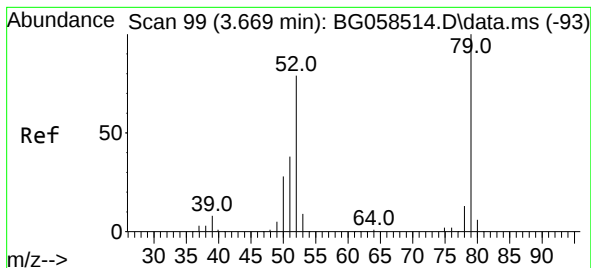
Tgt Ion:152 Resp: 28185
 Ion Ratio Lower Upper
 152 100
 150 164.9 120.5 180.7
 115 64.8 45.9 68.9



#2
 1,4-Dioxane
 Concen: 32.229 ng
 RT: 3.264 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG058746.D
 Acq: 16 Aug 2023 13:24

Tgt Ion: 88 Resp: 28798
 Ion Ratio Lower Upper
 88 100
 58 95.2 68.9 103.3
 43 34.3 22.9 34.3#





#3

Pyridine

Concen: 29.985 ng

RT: 3.658 min Scan# 91

Delta R.T. -0.011 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

Instrument :

BNA_G

ClientSampleId :

PB154469BSD

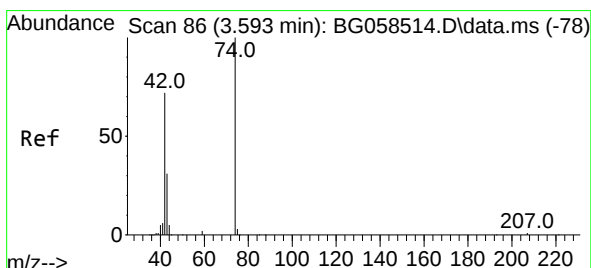
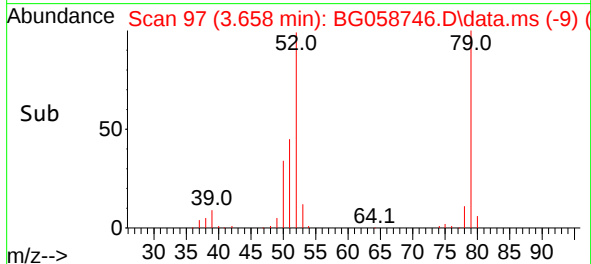
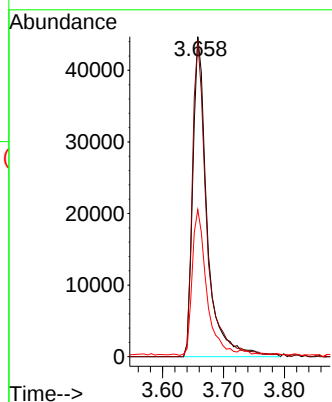
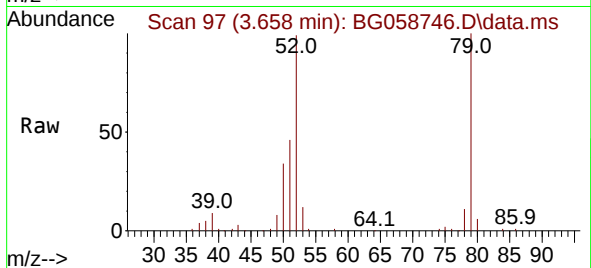
Tgt Ion: 79 Resp: 73049

Ion Ratio Lower Upper

79 100

52 98.7 63.2 94.8#

51 45.9 31.9 47.9



#4

n-Nitrosodimethylamine

Concen: 46.697 ng

RT: 3.581 min Scan# 84

Delta R.T. -0.011 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

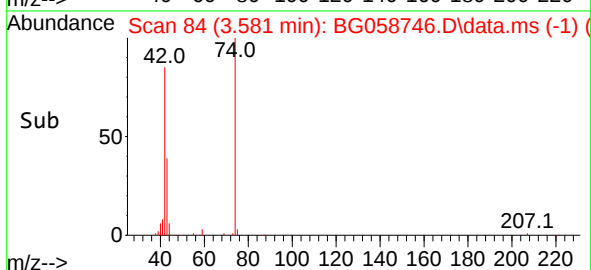
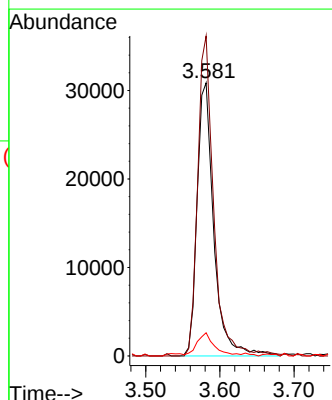
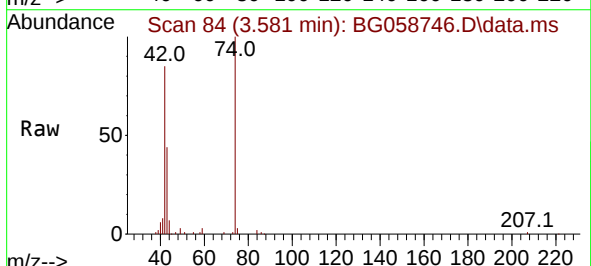
Tgt Ion: 42 Resp: 48201

Ion Ratio Lower Upper

42 100

74 117.2 111.5 167.3

44 8.5 5.4 8.2#

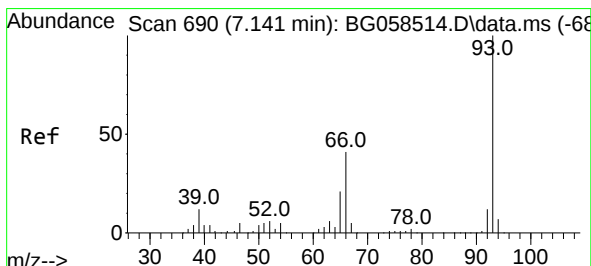
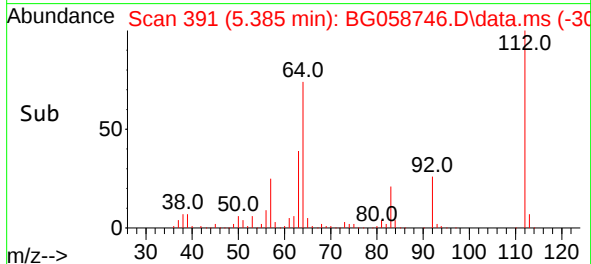
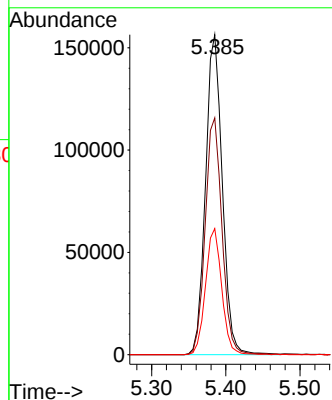
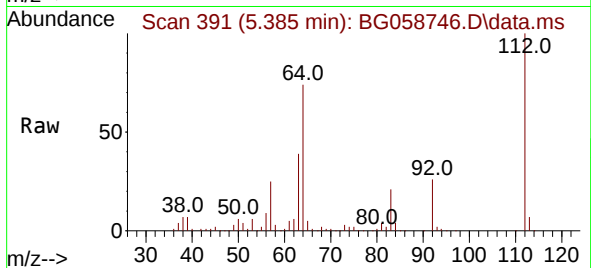




#5
2-Fluorophenol
Concen: 133.347 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

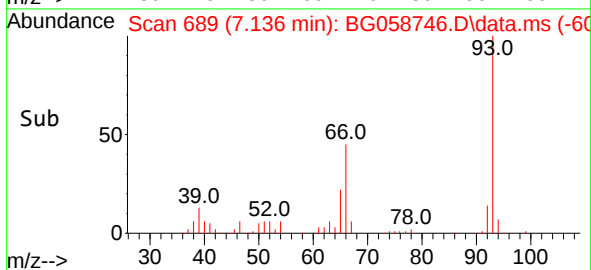
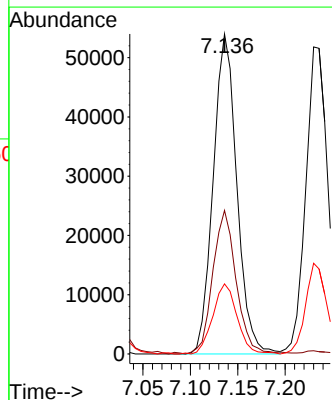
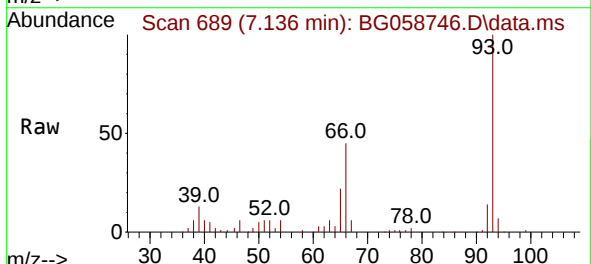
Instrument :
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Tgt Ion:112 Resp: 245894
Ion Ratio Lower Upper
112 100
64 74.0 55.3 82.9
63 39.4 28.3 42.5



#6
Aniline
Concen: 29.625 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion: 93 Resp: 93590
Ion Ratio Lower Upper
93 100
66 44.8 33.1 49.7
65 21.9 17.0 25.4

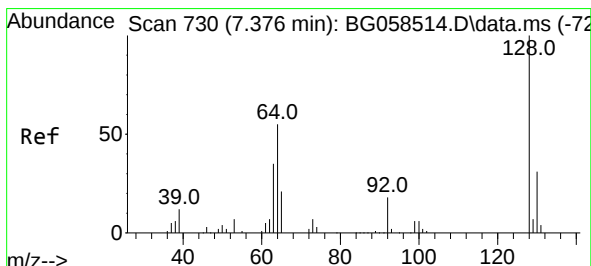
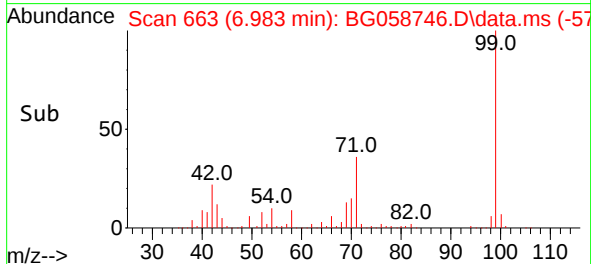
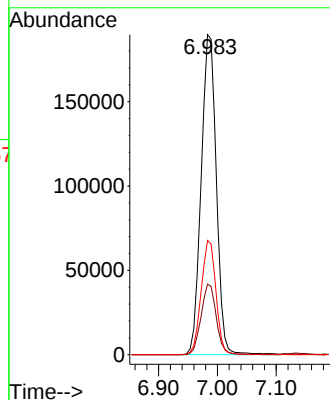
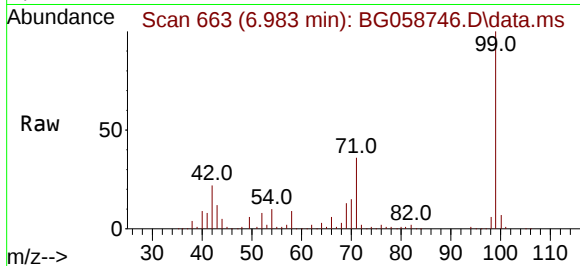




#7
Phenol-d6
Concen: 132.364 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

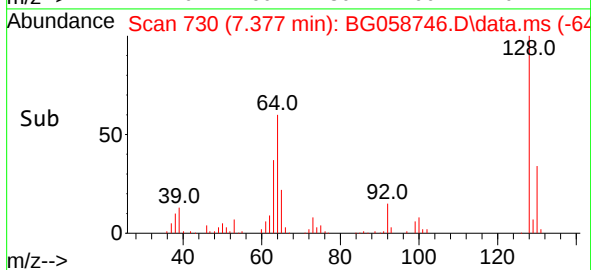
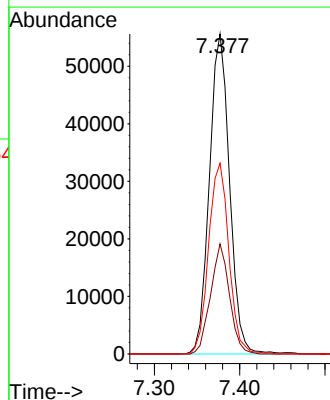
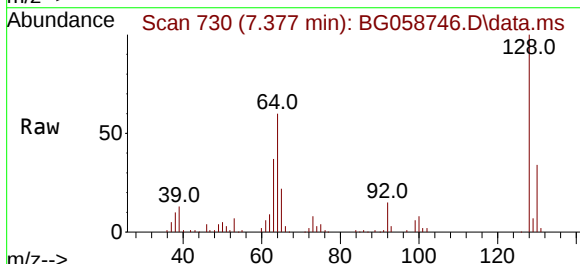
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ClientSampleId :
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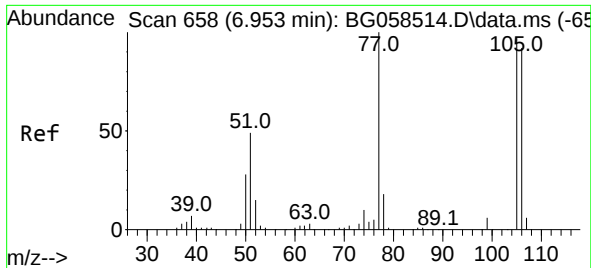
Tgt Ion: 99 Resp: 339635
Ion Ratio Lower Upper
99 100
42 22.1 14.6 21.8#
71 35.7 25.0 37.4



#8
2-Chlorophenol
Concen: 50.431 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:128 Resp: 91231
Ion Ratio Lower Upper
128 100
130 34.4 10.9 50.9
64 59.6 39.0 79.0

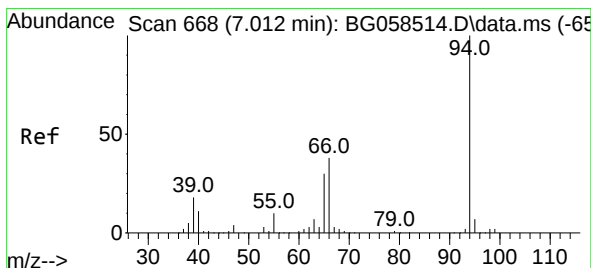
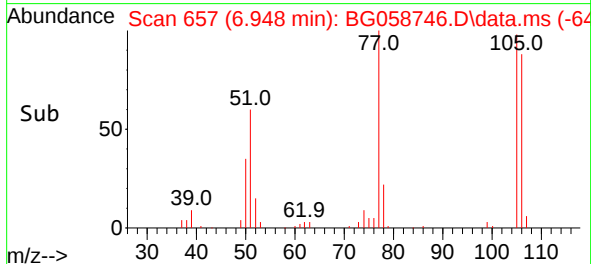
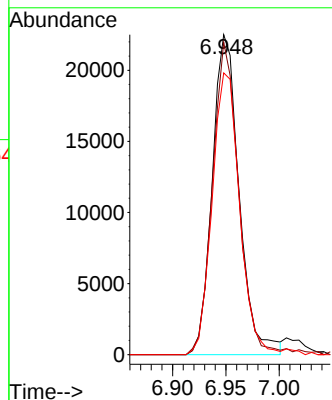
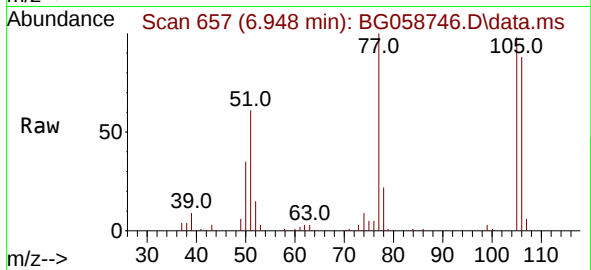




#9
Benzaldehyde
Concen: 28.175 ng
RT: 6.948 min Scan# 658
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

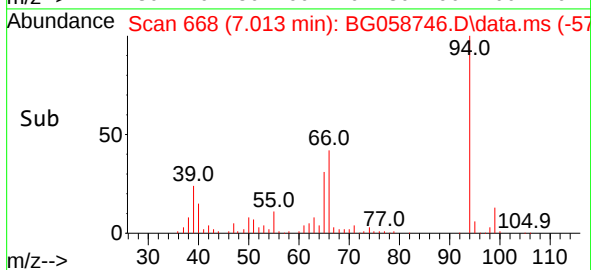
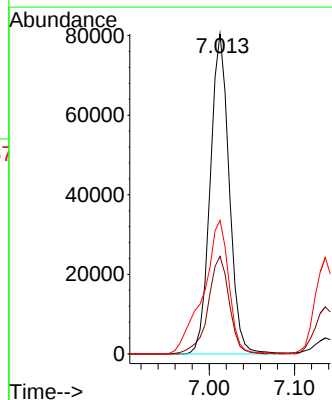
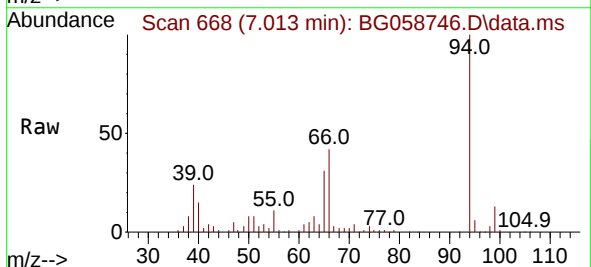
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Tgt Ion: 77 Resp: 39278
Ion Ratio Lower Upper
77 100
105 97.6 77.1 117.1
106 88.1 71.6 111.6



#10
Phenol
Concen: 49.493 ng
RT: 7.013 min Scan# 668
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion: 94 Resp: 124054
Ion Ratio Lower Upper
94 100
65 30.5 10.4 50.4
66 41.7 18.7 58.7

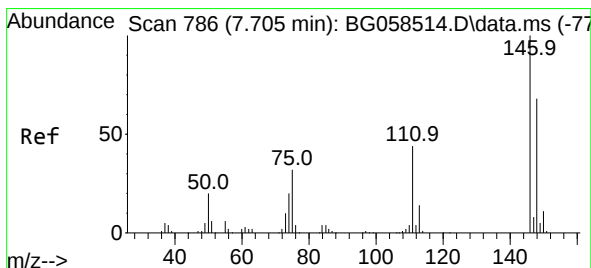
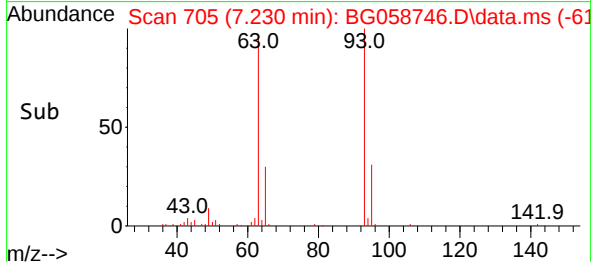
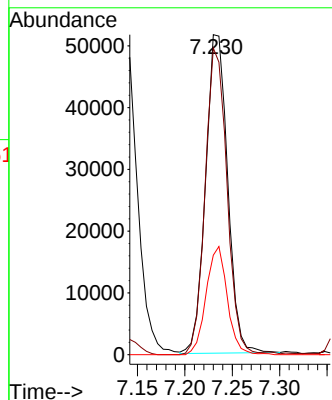
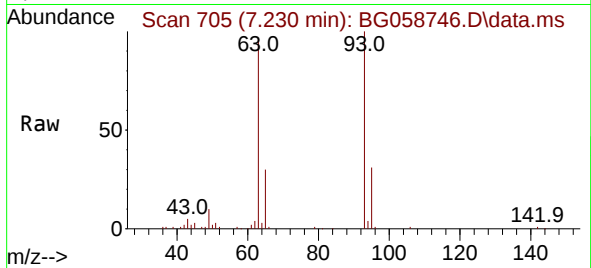




#11
bis(2-Chloroethyl)ether
Concen: 42.324 ng
RT: 7.230 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

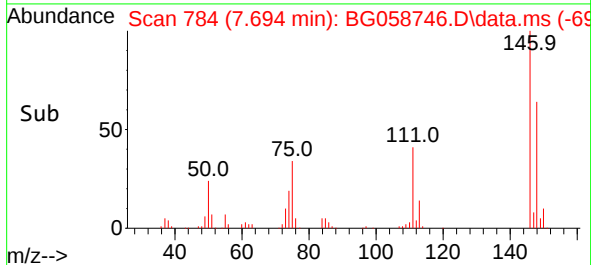
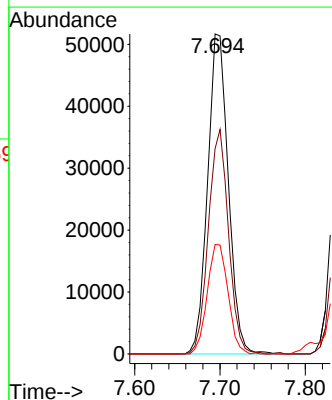
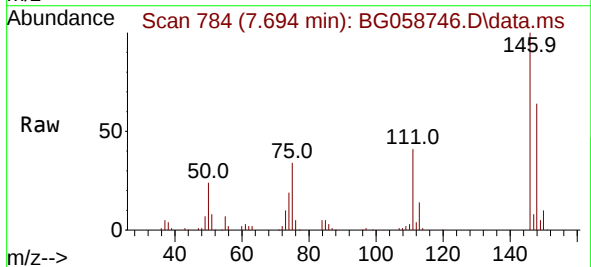
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

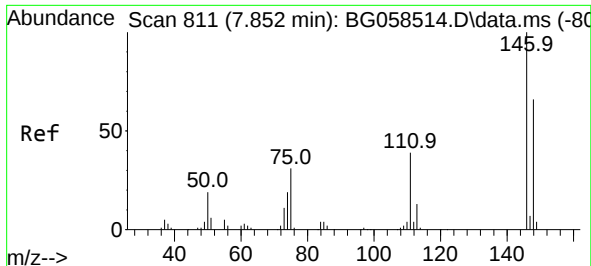
Tgt Ion: 93 Resp: 83633
Ion Ratio Lower Upper
93 100
63 95.8 65.5 105.5
95 31.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 45.070 ng
RT: 7.694 min Scan# 784
Delta R.T. -0.011 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:146 Resp: 87063
Ion Ratio Lower Upper
146 100
148 64.1 54.7 82.1
75 34.2 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 45.865 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.005 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

Instrument :

BNA_G

ClientSampleId :

PB154469BSD

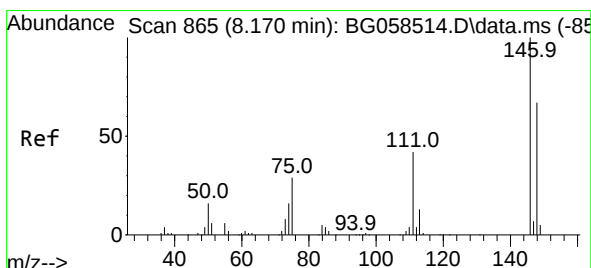
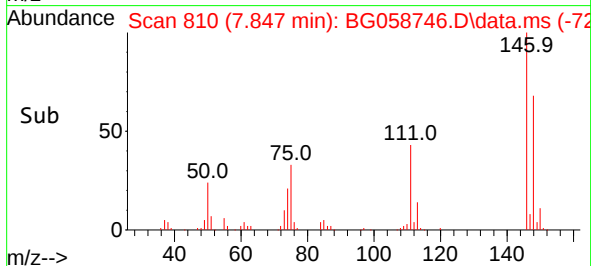
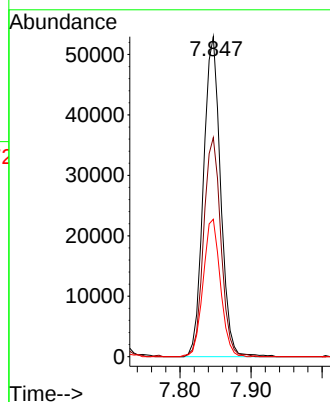
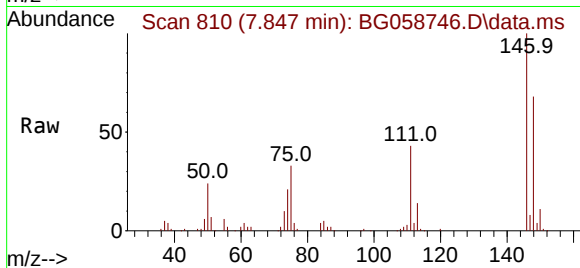
Tgt Ion:146 Resp: 88960

Ion Ratio Lower Upper

146 100

148 68.5 52.8 79.2

111 43.0 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 46.829 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.005 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

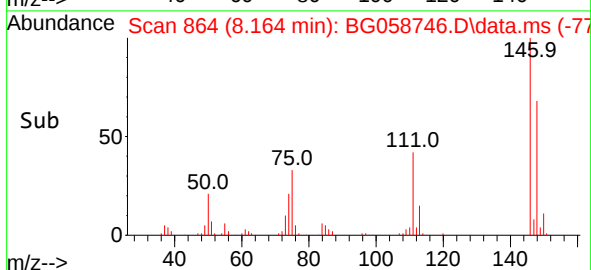
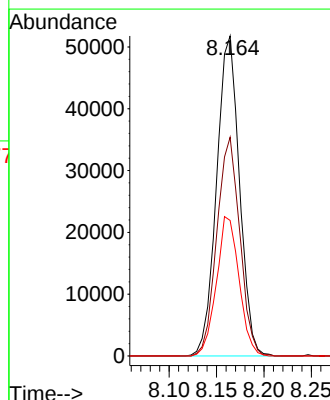
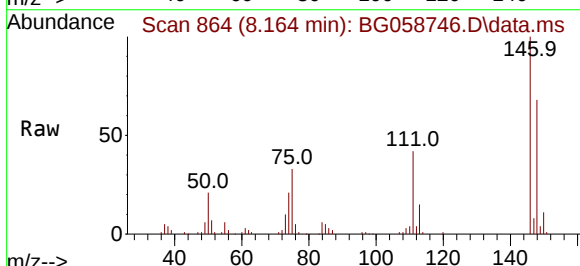
Tgt Ion:146 Resp: 86840

Ion Ratio Lower Upper

146 100

148 68.3 53.4 80.2

111 42.4 34.2 51.2

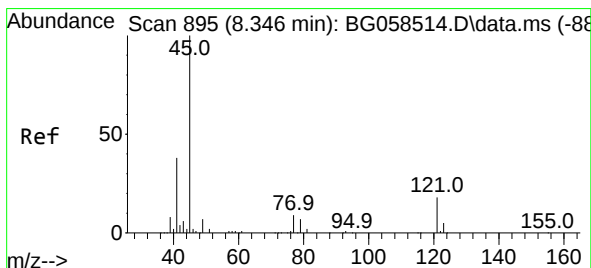
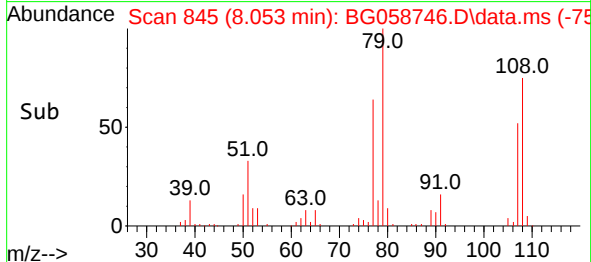
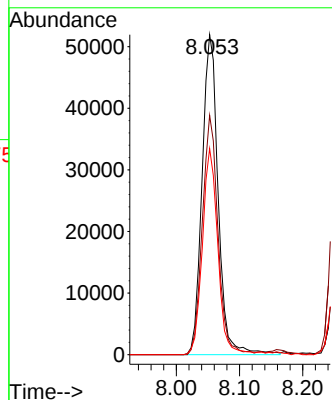
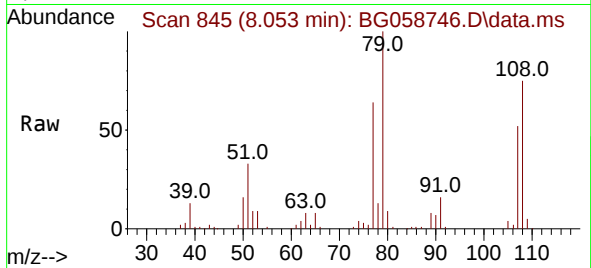




#15
Benzyl Alcohol
Concen: 56.609 ng
RT: 8.053 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

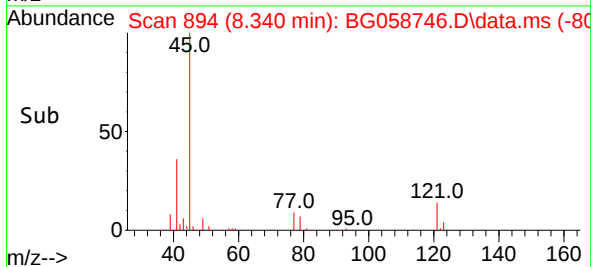
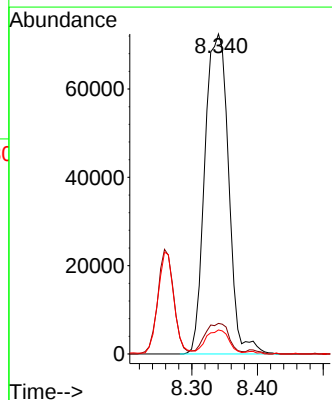
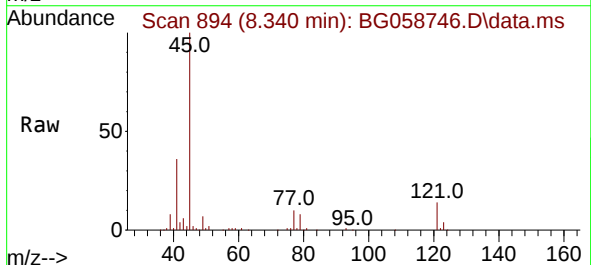
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

Tgt Ion: 79 Resp: 92116
Ion Ratio Lower Upper
79 100
108 74.8 63.8 95.6
77 64.4 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 56.651 ng
RT: 8.340 min Scan# 894
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion: 45 Resp: 181842
Ion Ratio Lower Upper
45 100
77 9.6 0.0 32.6
79 7.5 0.0 30.2

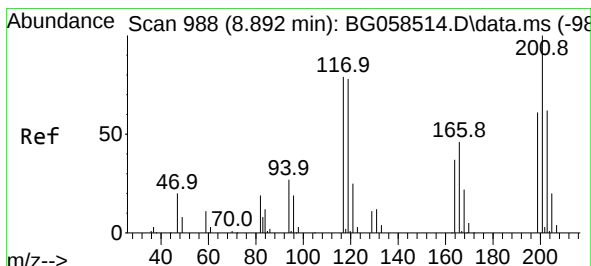
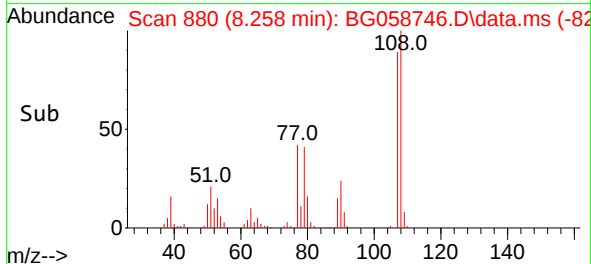
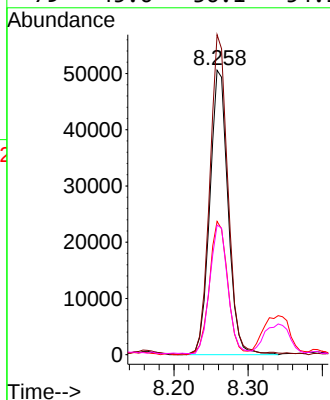
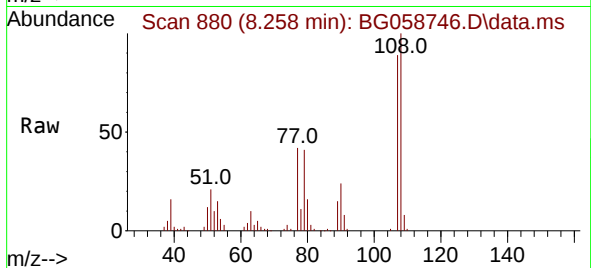




#17
2-Methylphenol
Concen: 47.043 ng
RT: 8.258 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

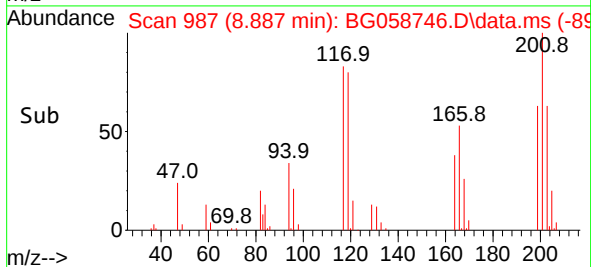
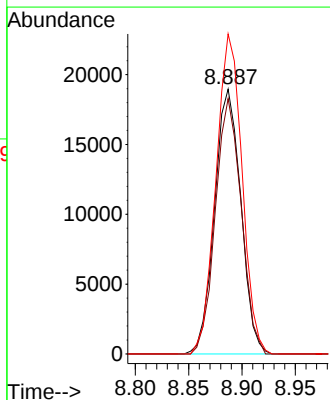
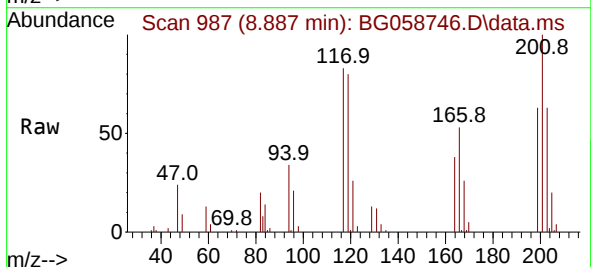
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

Tgt Ion:	107	Resp:	86216
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.1	133.7
77	46.9	36.2	54.4
79	45.6	36.1	54.1



#18
Hexachloroethane
Concen: 46.056 ng
RT: 8.887 min Scan# 987
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:	117	Resp:	32469
Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.6	117.8
201	120.8	101.4	152.0

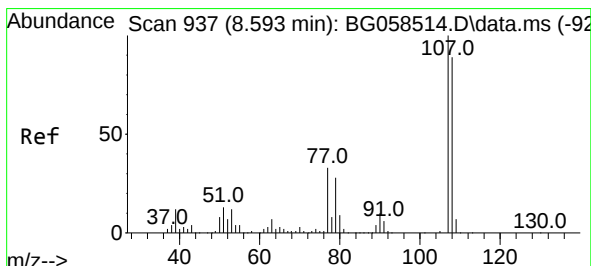
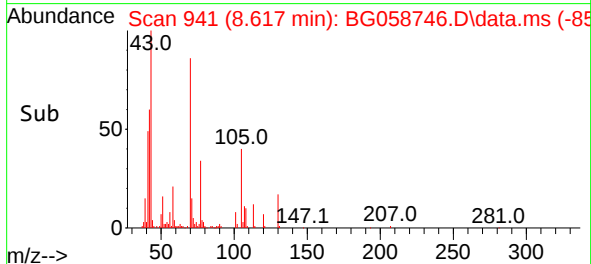
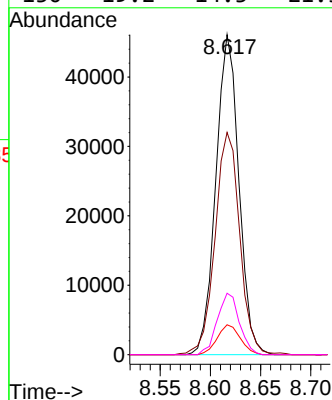
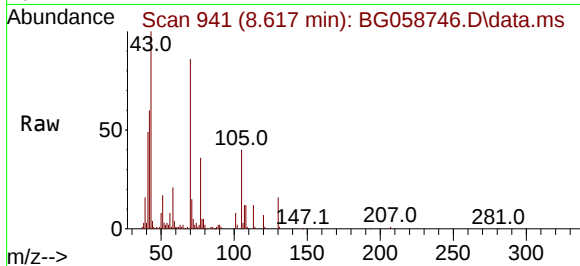




#19
n-Nitroso-di-n-propylamine
Concen: 44.283 ng
RT: 8.617 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

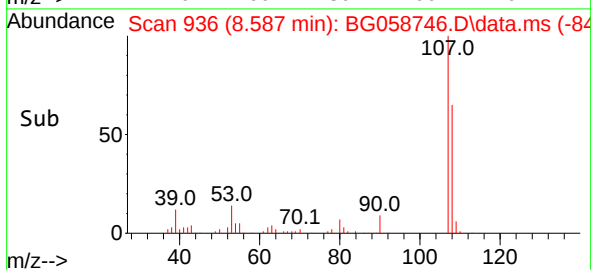
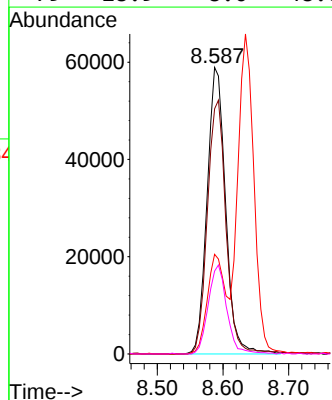
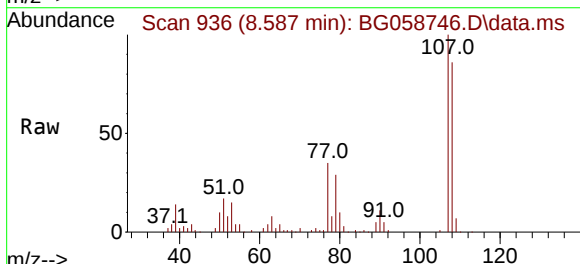
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

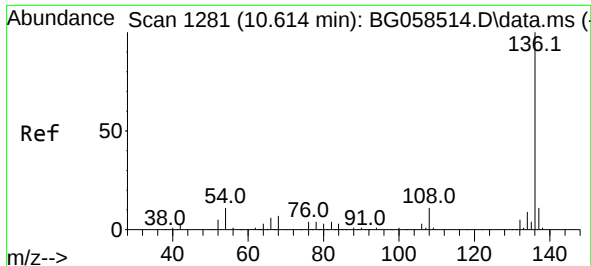
Tgt Ion:	70	Resp:	73394
Ion	Ratio	Lower	Upper
70	100		
42	69.5	49.7	74.5
101	9.3	7.0	10.4
130	19.2	14.3	21.5



#20
3+4-Methylphenols
Concen: 46.652 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:	107	Resp:	115651
Ion	Ratio	Lower	Upper
107	100		
108	85.5	69.4	109.4
77	34.8	13.0	53.0
79	28.9	8.0	48.0

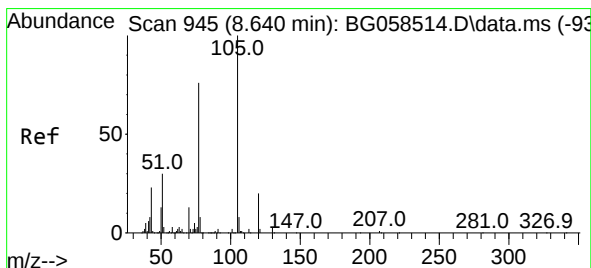
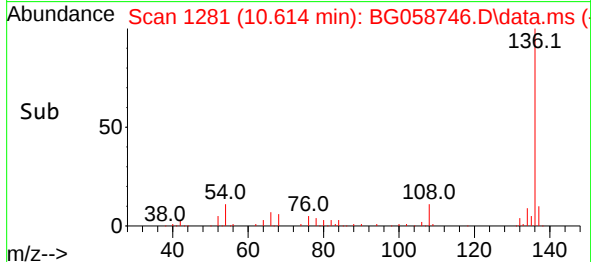
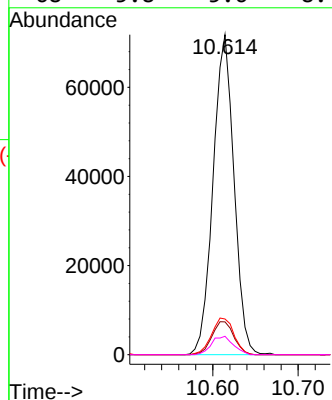
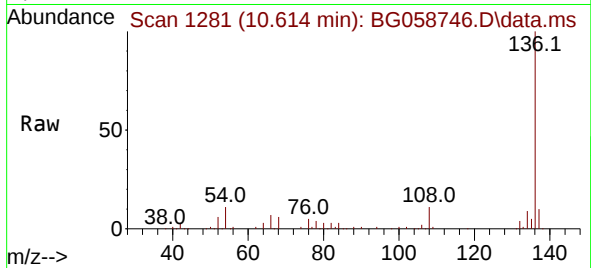




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

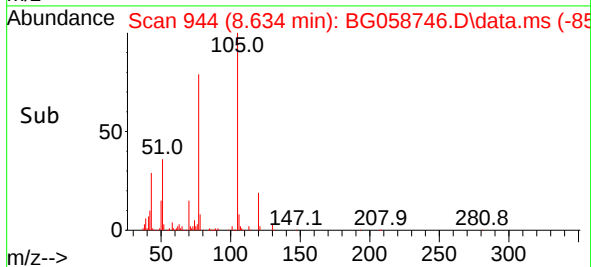
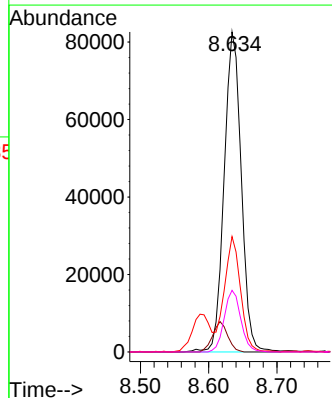
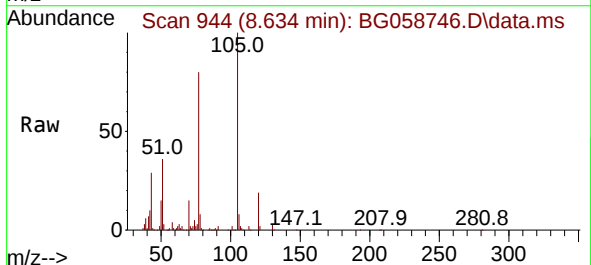
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

Tgt Ion:	136	Resp:	122336
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	11.1	8.9	13.3
68	5.8	5.6	8.4



#22
Acetophenone
Concen: 44.085 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:	105	Resp:	144408
Ion Ratio	Lower	Upper	
105	100		
71	2.4	1.8	2.6
51	36.1	24.2	36.2
120	19.3	16.2	24.4

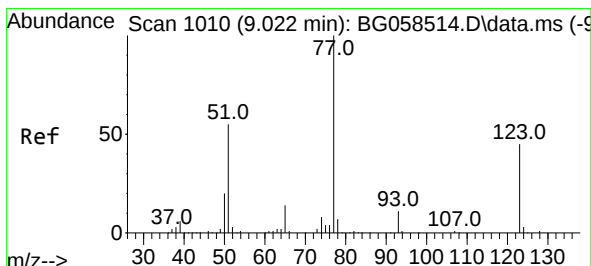
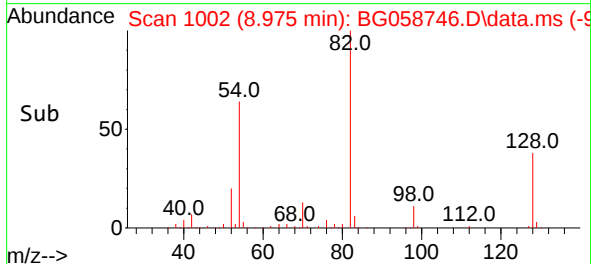
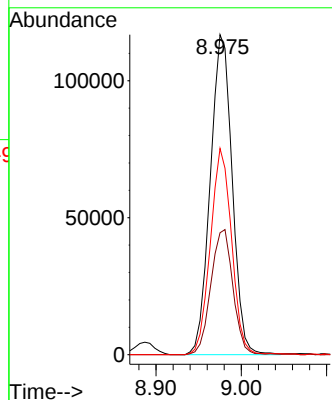
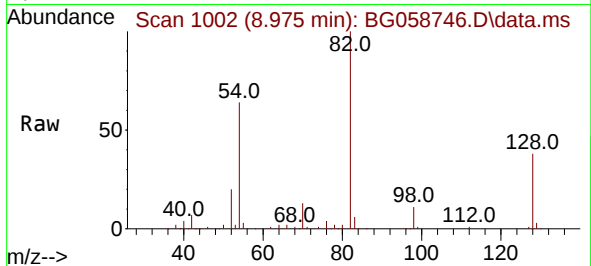




#23
Nitrobenzene-d5
Concen: 83.691 ng
RT: 8.975 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

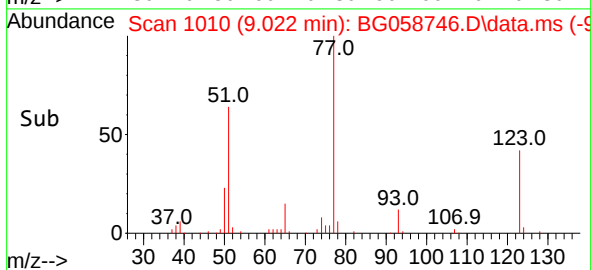
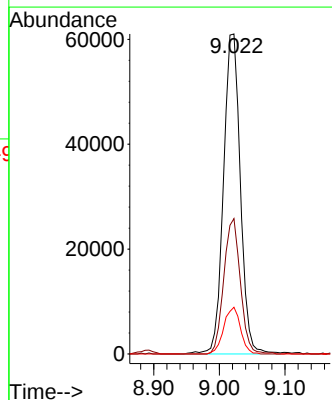
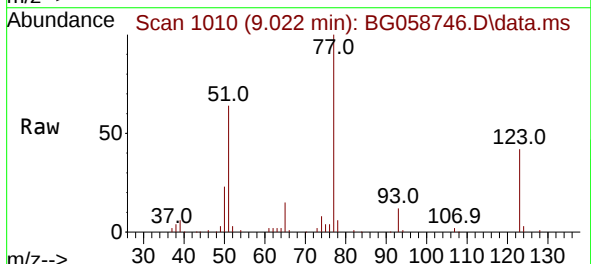
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

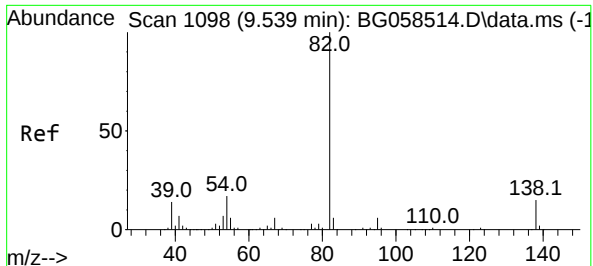
Tgt Ion: 82 Resp: 208414
Ion Ratio Lower Upper
82 100
128 38.1 32.2 48.2
54 64.4 46.0 69.0



#24
Nitrobenzene
Concen: 42.864 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion: 77 Resp: 108520
Ion Ratio Lower Upper
77 100
123 42.3 35.6 53.4
65 14.6 11.4 17.0

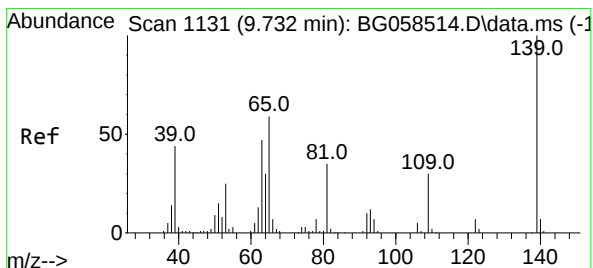
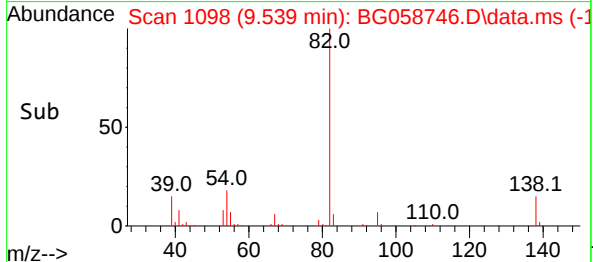
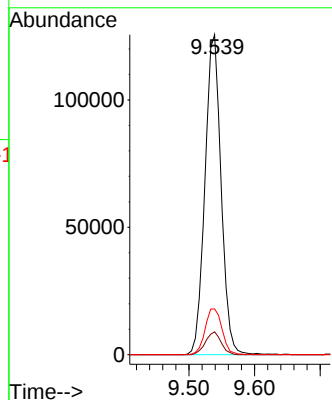
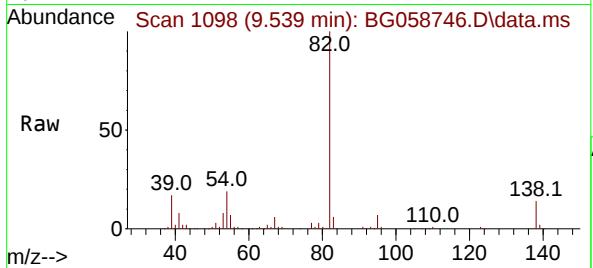




#25
Isophorone
Concen: 41.829 ng
RT: 9.539 min Scan# 110
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

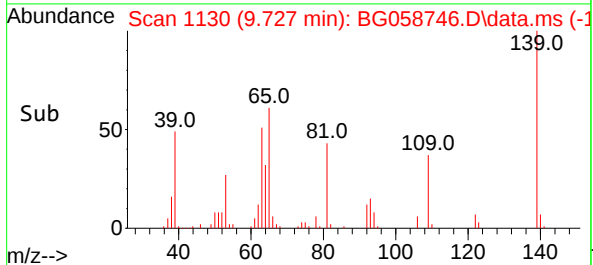
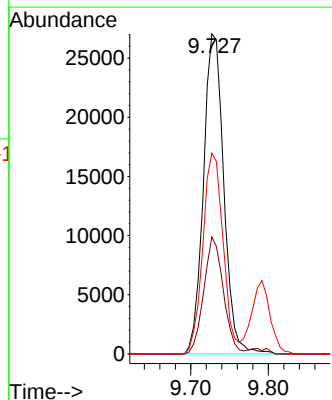
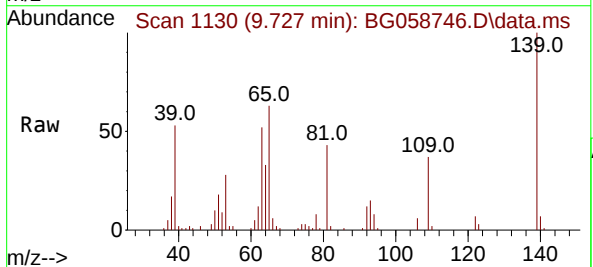
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

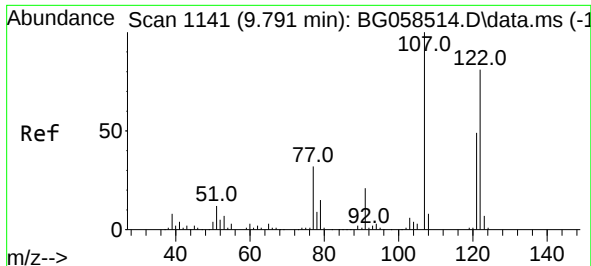
Tgt Ion: 82 Resp: 215226
Ion Ratio Lower Upper
82 100
95 7.1 5.1 7.7
138 14.3 11.9 17.9



#26
2-Nitrophenol
Concen: 44.861 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:139 Resp: 49439
Ion Ratio Lower Upper
139 100
109 36.6 24.2 36.2#
65 62.8 47.0 70.4

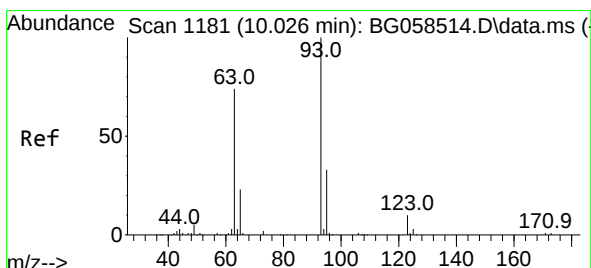
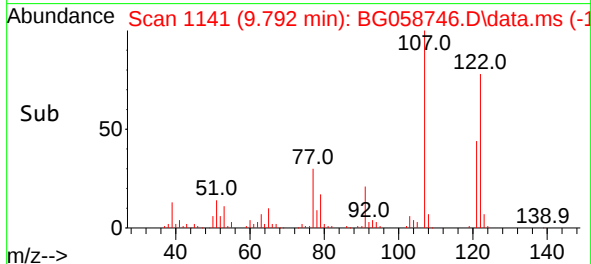
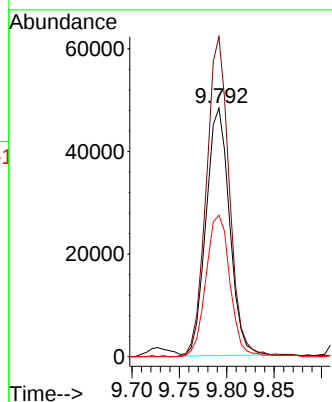
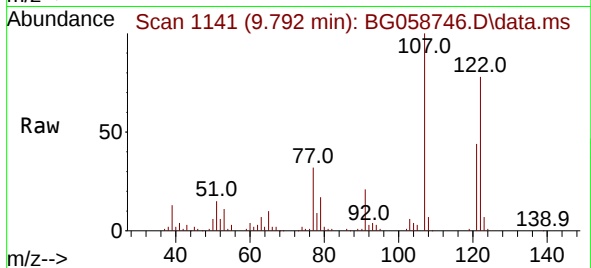




#27
2,4-Dimethylphenol
Concen: 45.464 ng
RT: 9.792 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

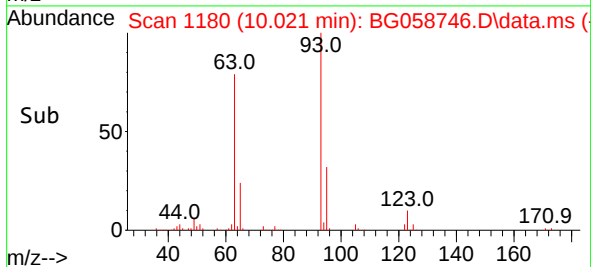
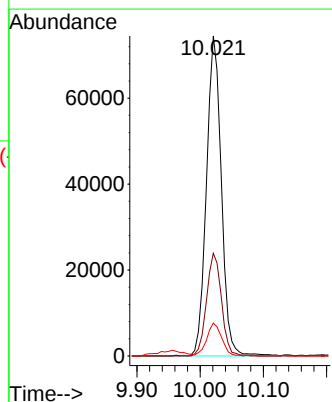
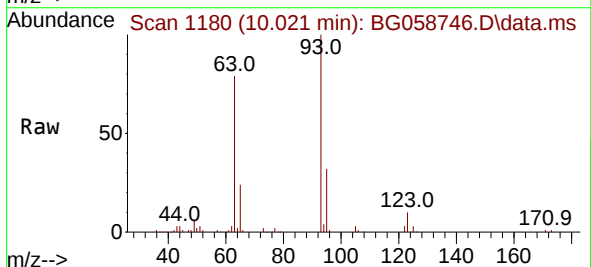
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

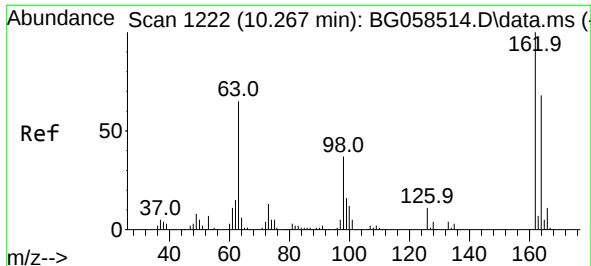
Tgt Ion:122 Resp: 83108
Ion Ratio Lower Upper
122 100
107 128.7 98.0 147.0
121 56.9 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.493 ng
RT: 10.021 min Scan# 1180
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion: 93 Resp: 121787
Ion Ratio Lower Upper
93 100
95 32.1 26.0 39.0
123 10.3 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 48.686 ng

RT: 10.268 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

Instrument :

BNA_G

ClientSampleId :

PB154469BSD

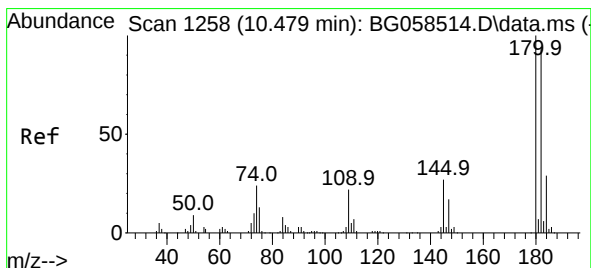
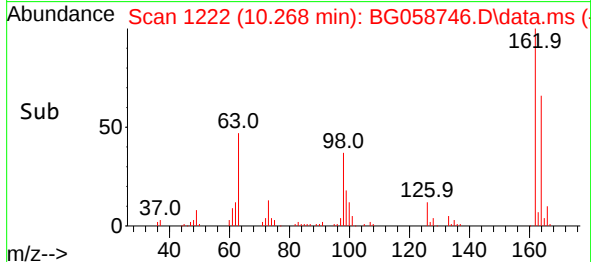
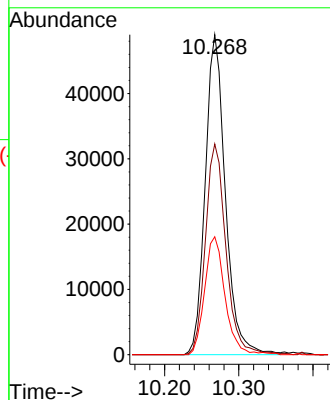
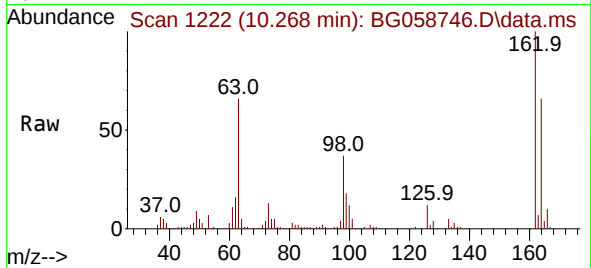
Tgt Ion:162 Resp: 92406

Ion Ratio Lower Upper

162 100

164 65.8 47.6 87.6

98 36.9 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 44.887 ng

RT: 10.479 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

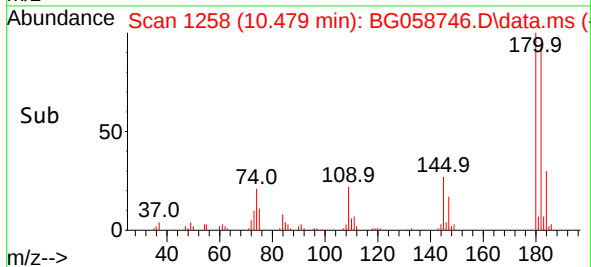
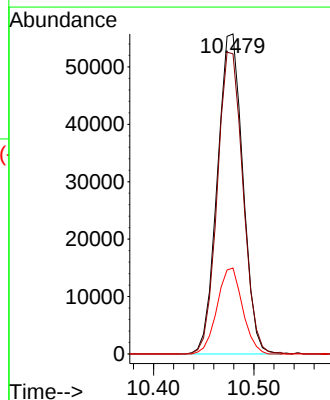
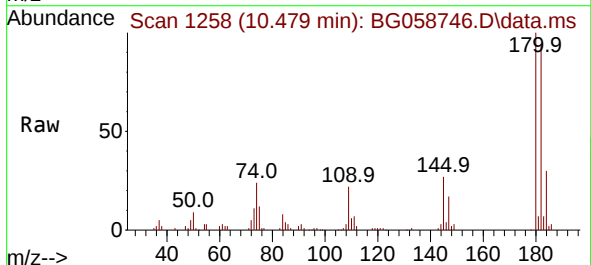
Tgt Ion:180 Resp: 98252

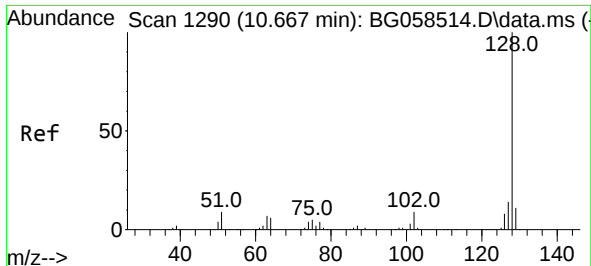
Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.4

145 26.8 21.9 32.9

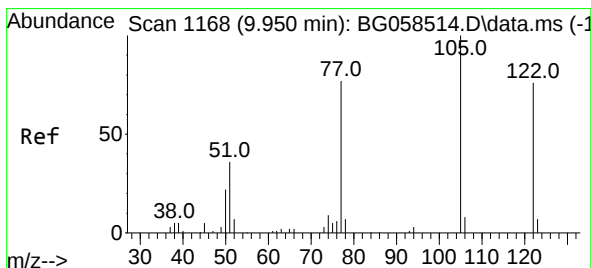
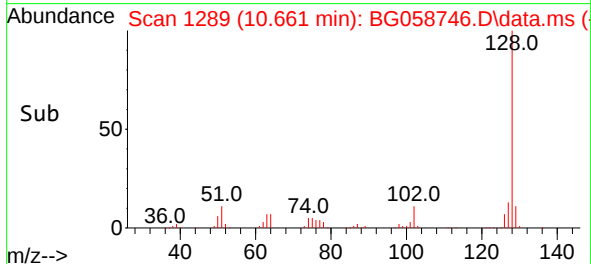
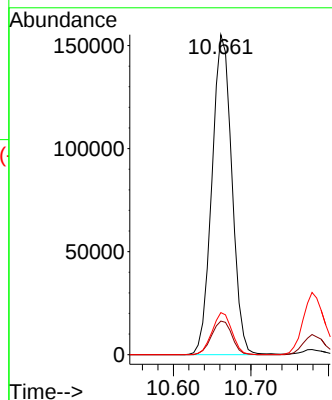
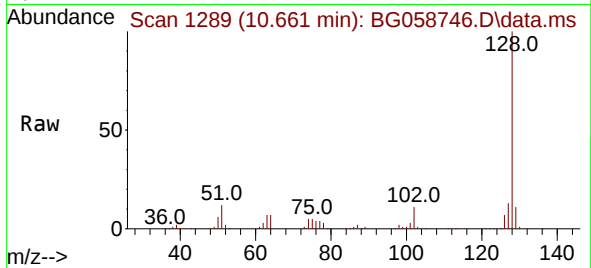




#31
Naphthalene
Concen: 43.047 ng
RT: 10.661 min Scan# 1170
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

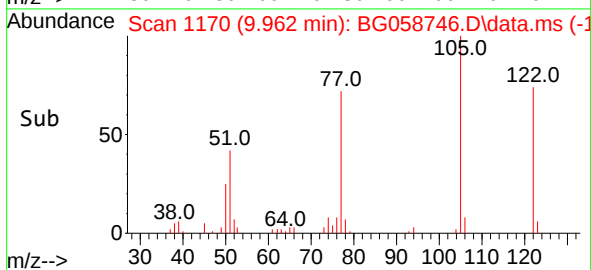
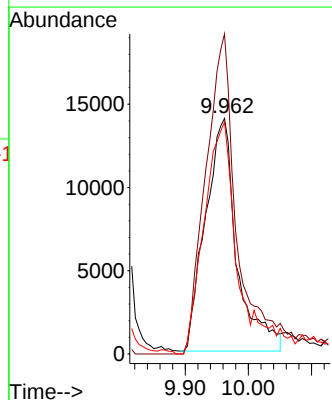
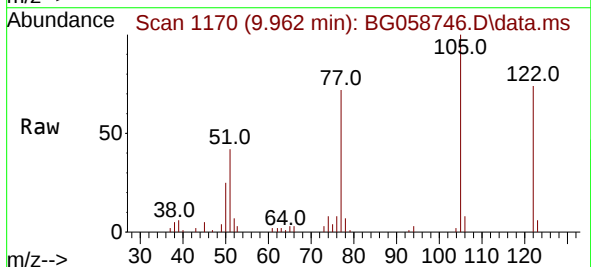
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

Tgt Ion:128 Resp: 277558
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 35.949 ng
RT: 9.962 min Scan# 1170
Delta R.T. 0.012 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:122 Resp: 48401
Ion Ratio Lower Upper
122 100
105 135.8 106.5 146.5
77 98.4 78.1 118.1

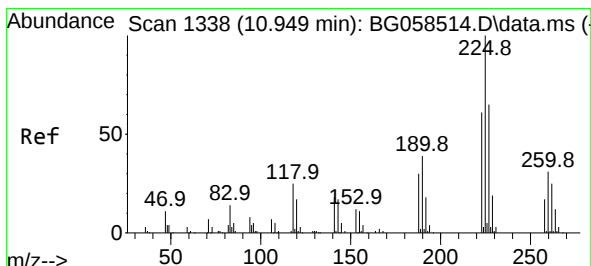
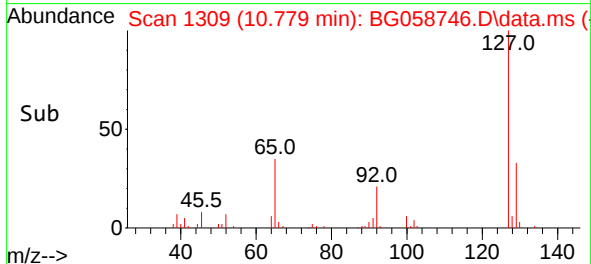
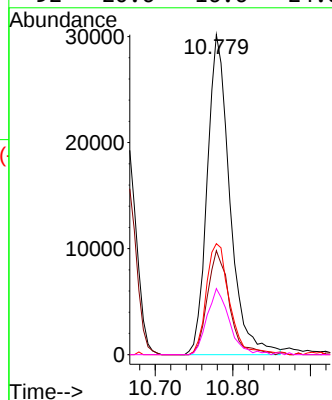
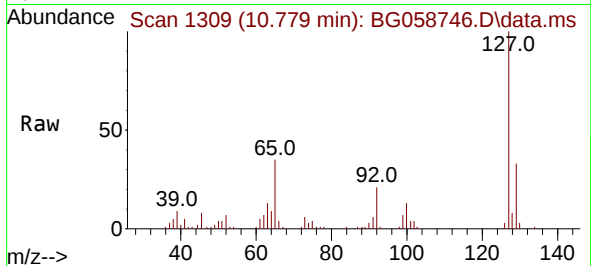




#33
4-Chloroaniline
Concen: 22.490 ng
RT: 10.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

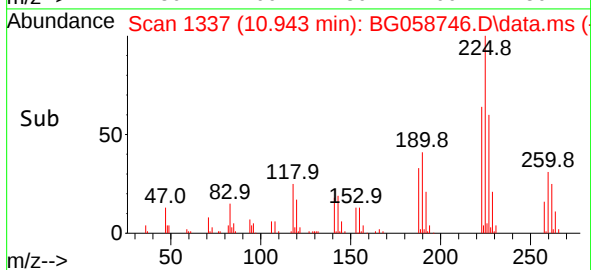
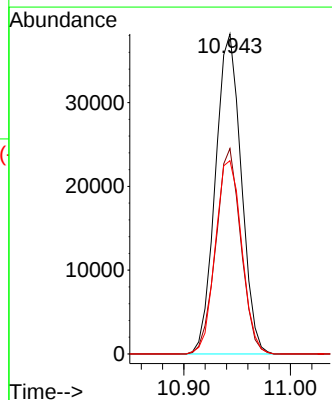
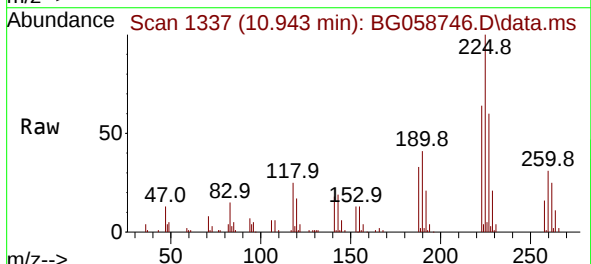
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

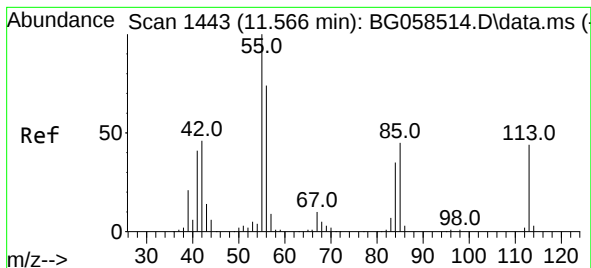
Tgt Ion:	127	Resp:	61267
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	34.7	29.5	44.3
92	20.6	16.6	24.8



#34
Hexachlorobutadiene
Concen: 45.576 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:	225	Resp:	64244
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.0	73.6
227	60.4	51.7	77.5





#35

Caprolactam

Concen: 32.472 ng

RT: 11.560 min Scan# 1443

Delta R.T. -0.005 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

Instrument :

BNA_G

ClientSampleId :

PB154469BSD

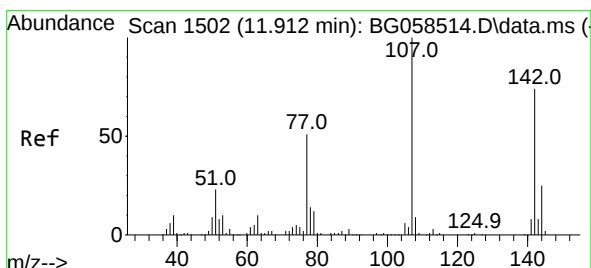
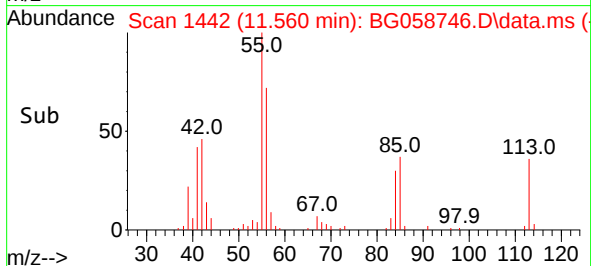
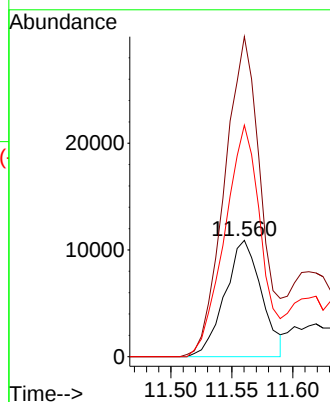
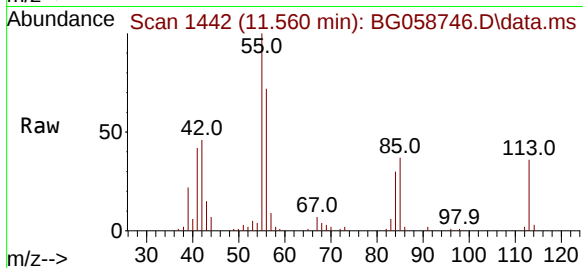
Tgt Ion:113 Resp: 22759

Ion Ratio Lower Upper

113 100

55 275.2 208.0 248.0#

56 199.1 148.6 188.6#



#36

4-Chloro-3-methylphenol

Concen: 48.652 ng

RT: 11.913 min Scan# 1502

Delta R.T. 0.000 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

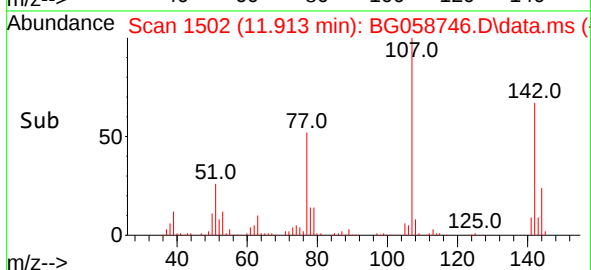
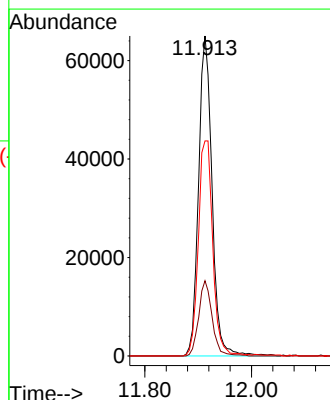
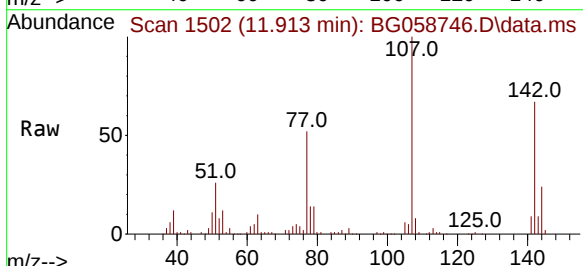
Tgt Ion:107 Resp: 114228

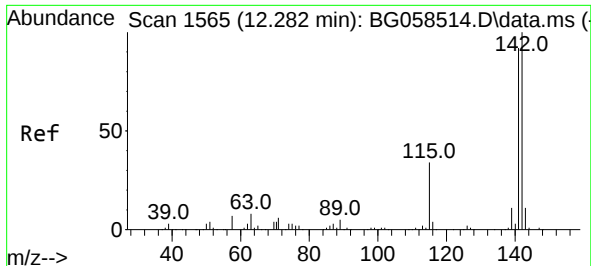
Ion Ratio Lower Upper

107 100

144 23.5 19.6 29.4

142 67.2 59.3 88.9

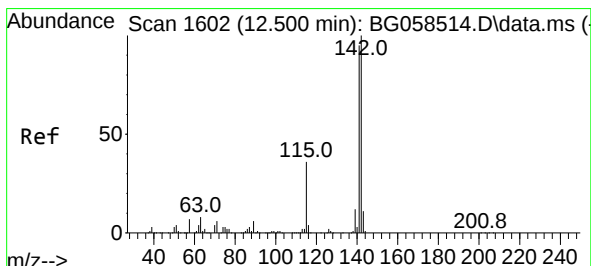
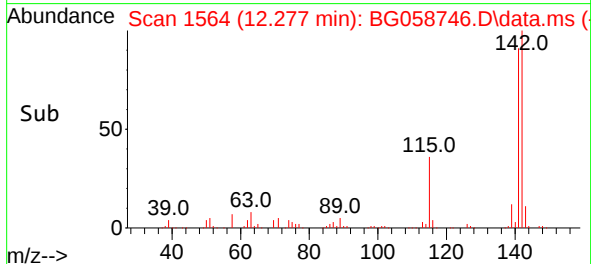
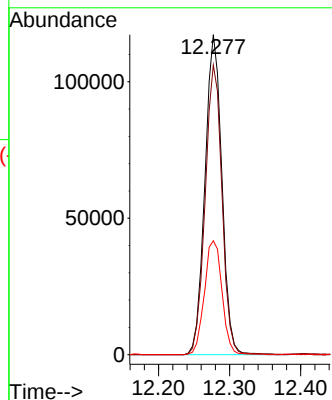
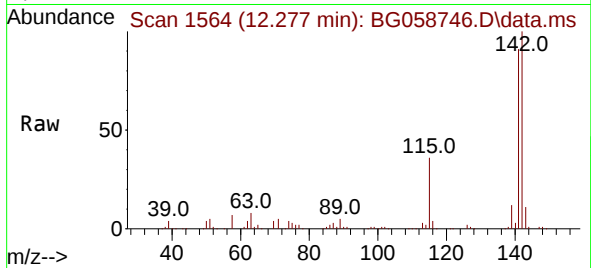




#37
2-Methylnaphthalene
Concen: 42.071 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

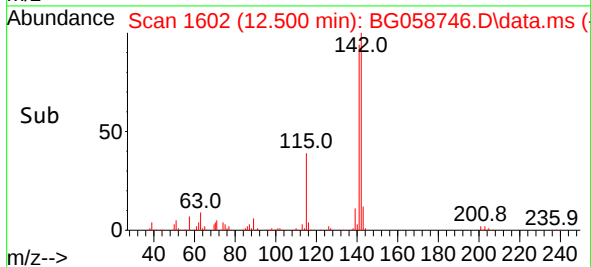
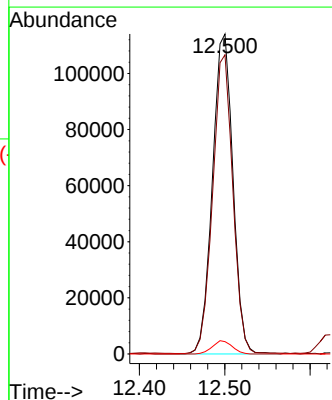
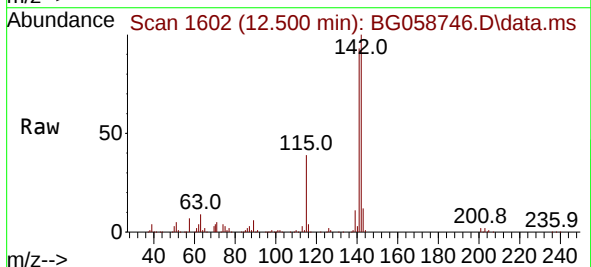
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

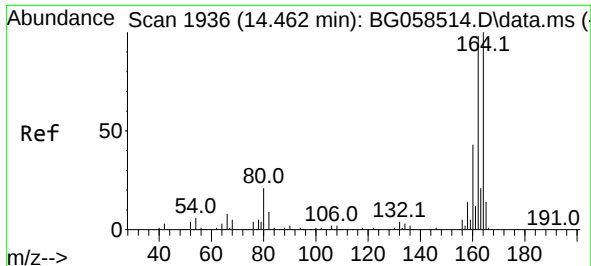
Tgt Ion:142 Resp: 194042
Ion Ratio Lower Upper
142 100
141 90.5 73.5 110.3
115 35.6 27.4 41.0



#38
1-Methylnaphthalene
Concen: 43.364 ng
RT: 12.500 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:142 Resp: 190120
Ion Ratio Lower Upper
142 100
141 93.5 75.7 113.5
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

Instrument :

BNA_G

ClientSampleId :

PB154469BSD

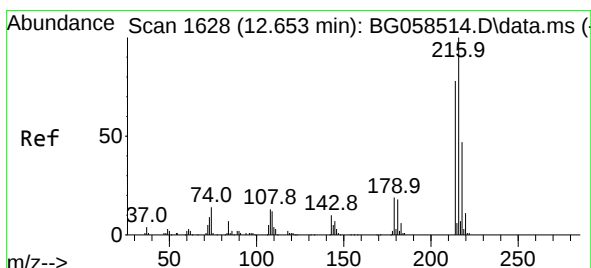
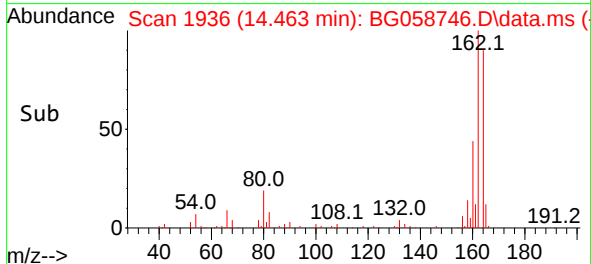
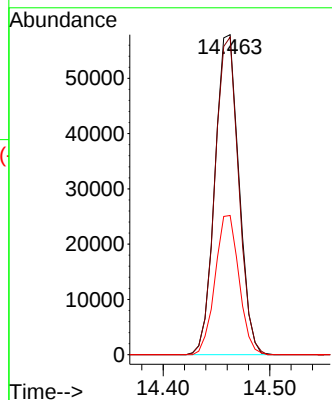
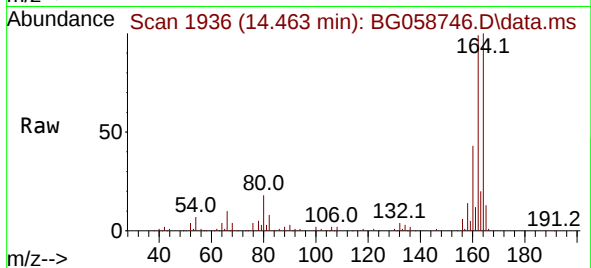
Tgt Ion:164 Resp: 90237

Ion Ratio Lower Upper

164 100

162 99.2 78.3 117.5

160 43.5 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.175 ng

RT: 12.647 min Scan# 1627

Delta R.T. -0.005 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

Tgt Ion:216 Resp: 116841

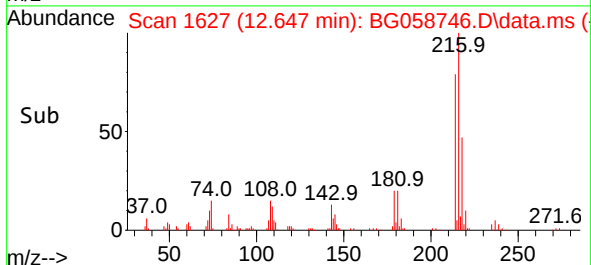
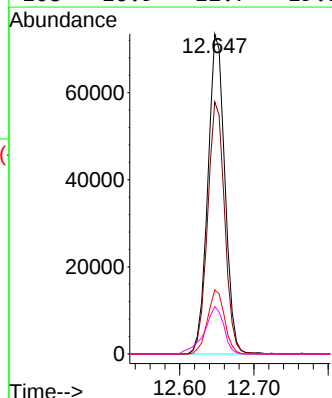
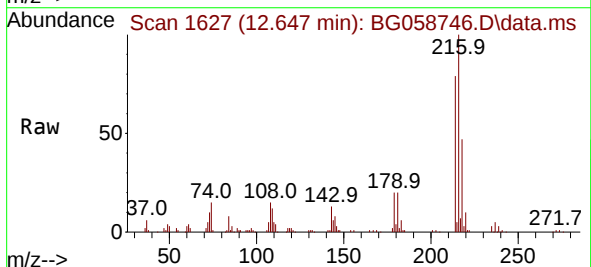
Ion Ratio Lower Upper

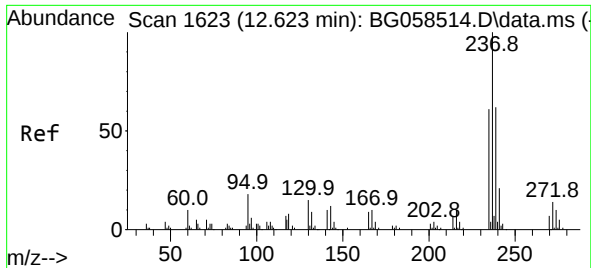
216 100

214 78.9 63.1 94.7

179 20.0 15.6 23.4

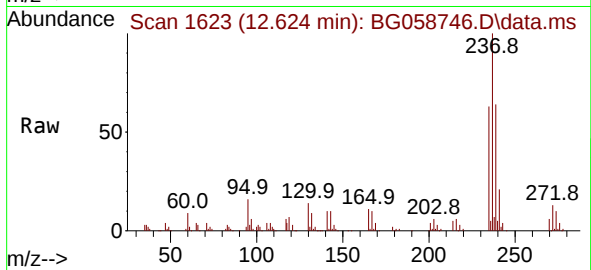
108 16.9 12.7 19.1



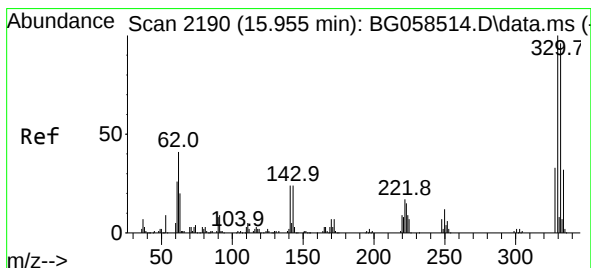
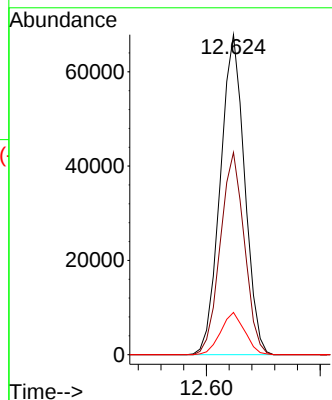
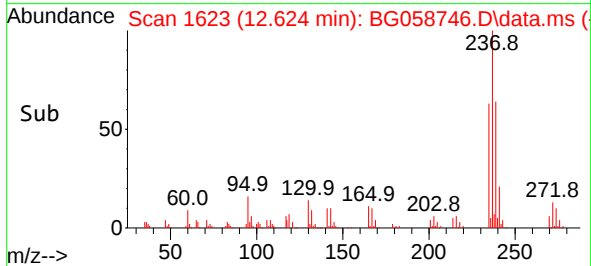


#41
Hexachlorocyclopentadiene
Concen: 78.399 ng
RT: 12.624 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

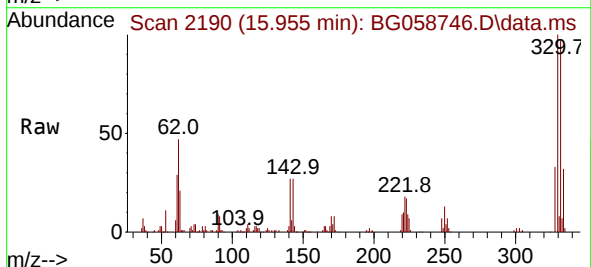
Instrument :
BNA_G
ClientSampleId :
PB154469BSD



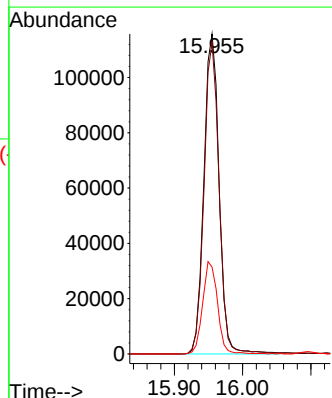
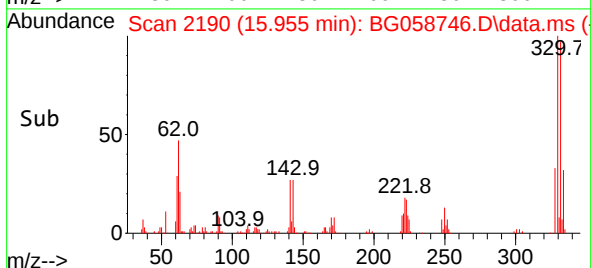
Tgt Ion:237 Resp: 100689
Ion Ratio Lower Upper
237 100
235 63.2 41.0 81.0
272 13.2 0.0 33.6

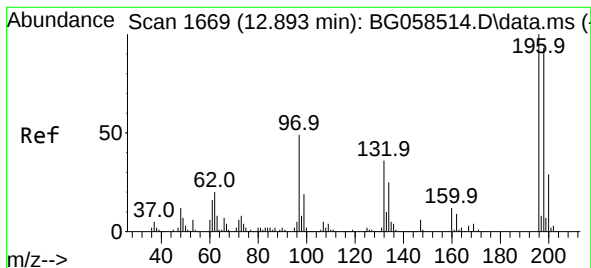


#42
2,4,6-Tribromophenol
Concen: 121.441 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24



Tgt Ion:330 Resp: 179617
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 28.2 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 44.043 ng

RT: 12.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

Instrument :

BNA_G

ClientSampleId :

PB154469BSD

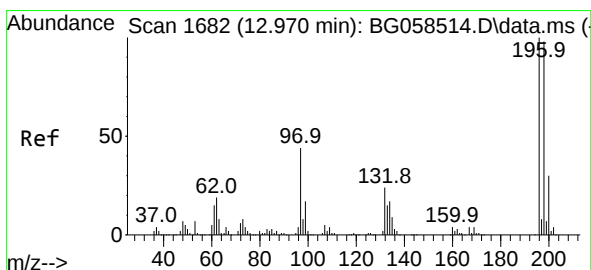
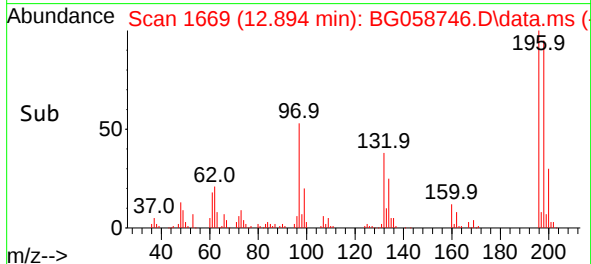
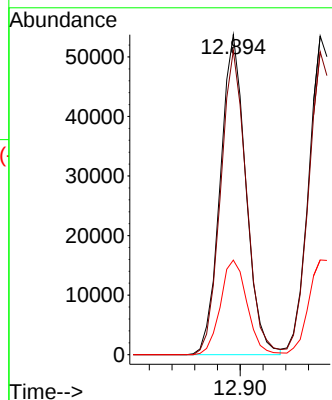
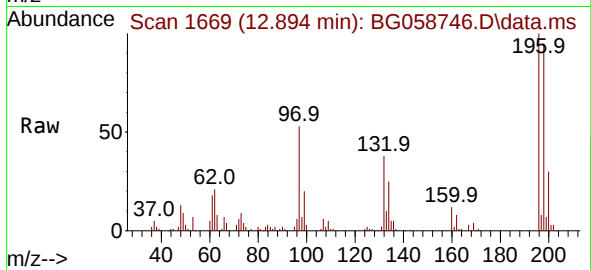
Tgt Ion:196 Resp: 83924

Ion Ratio Lower Upper

196 100

198 95.0 74.2 111.4

200 29.6 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 41.790 ng

RT: 12.970 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

Tgt Ion:196 Resp: 93792

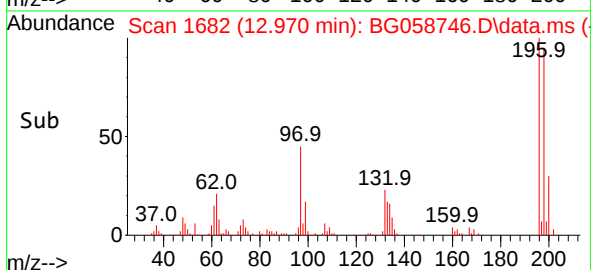
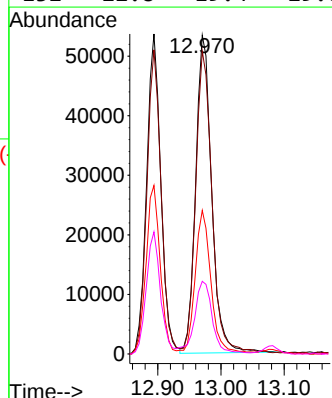
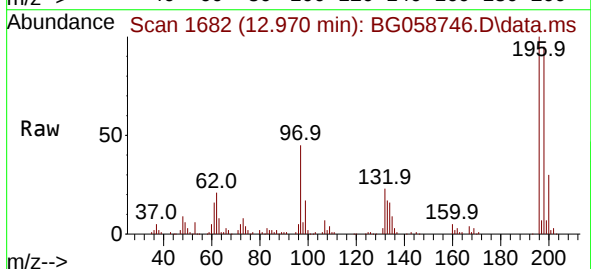
Ion Ratio Lower Upper

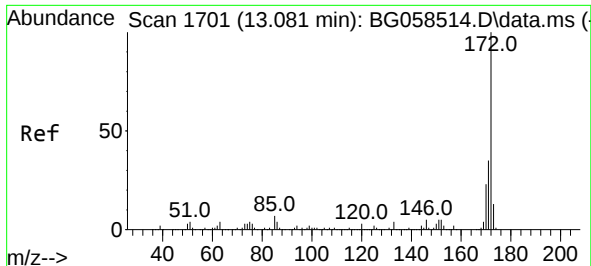
196 100

198 95.0 78.3 117.5

97 45.0 35.2 52.8

132 22.8 19.4 29.0

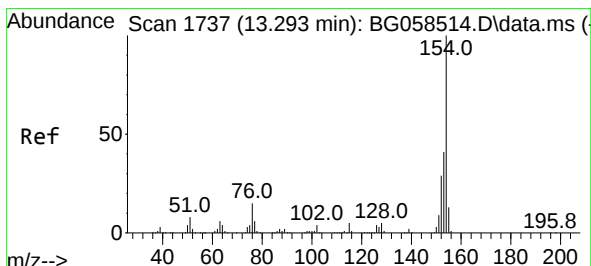
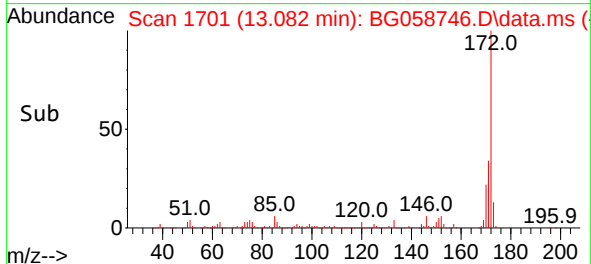
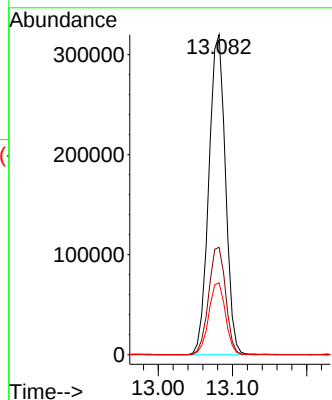
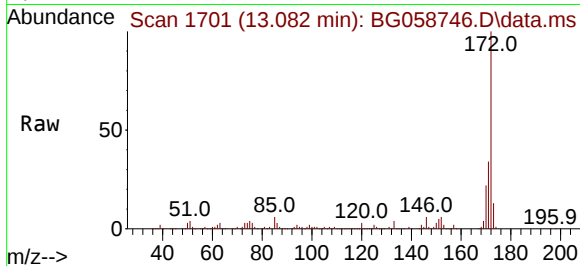




#45
2-Fluorobiphenyl
Concen: 82.521 ng
RT: 13.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

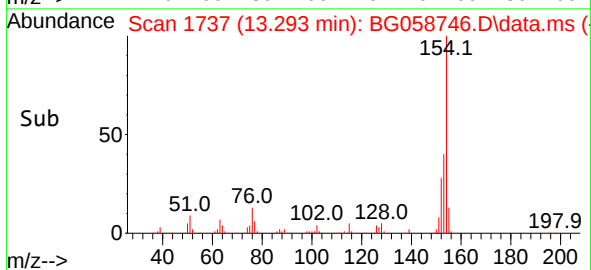
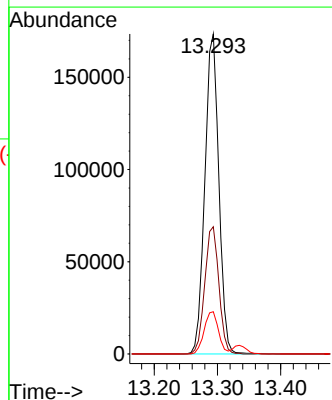
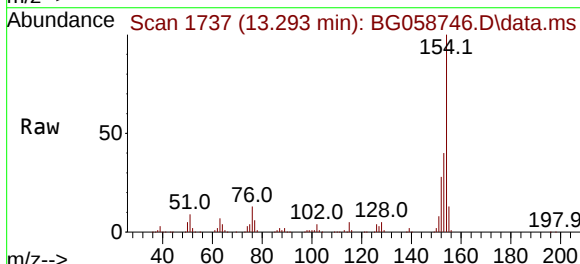
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

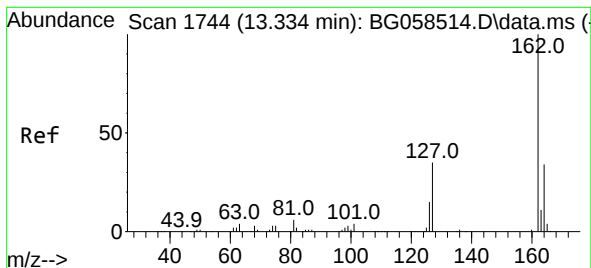
Tgt Ion:172 Resp: 496895
Ion Ratio Lower Upper
172 100
171 33.6 28.0 42.0
170 22.5 18.4 27.6



#46
1,1'-Biphenyl
Concen: 42.886 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:154 Resp: 265769
Ion Ratio Lower Upper
154 100
153 39.8 21.2 61.2
76 13.2 0.0 34.7

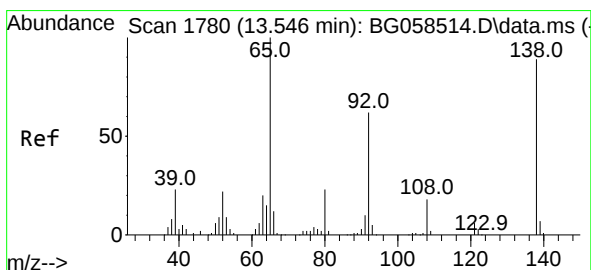
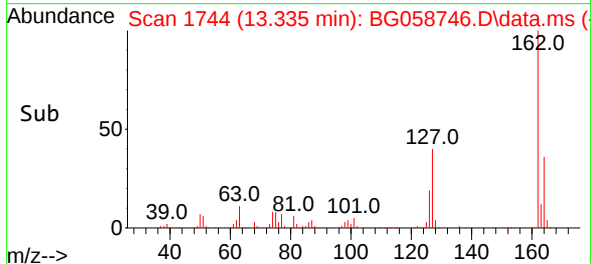
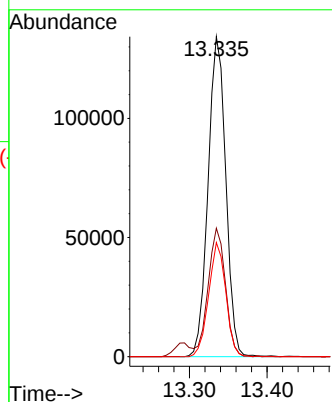
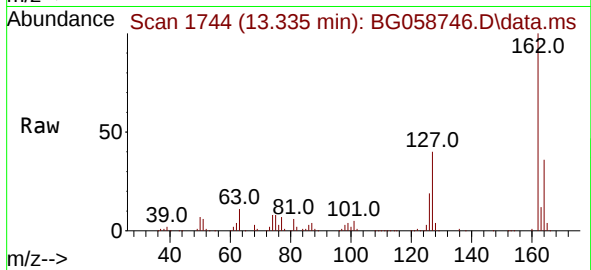




#47
2-Chloronaphthalene
Concen: 44.101 ng
RT: 13.335 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

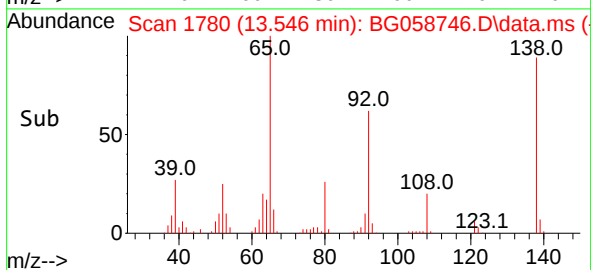
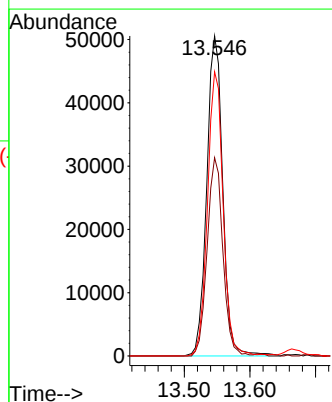
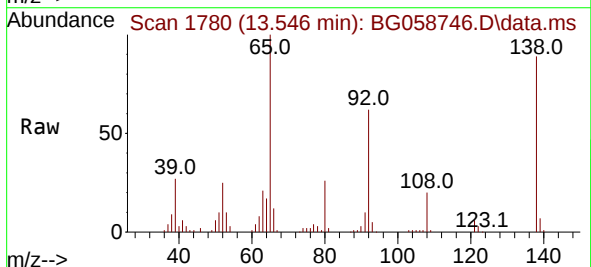
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

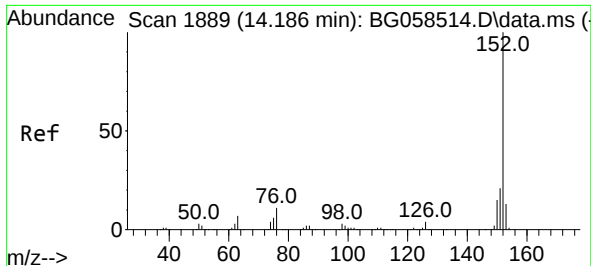
Tgt Ion:162 Resp: 213091
Ion Ratio Lower Upper
162 100
127 40.1 30.9 46.3
164 35.6 27.2 40.8



#48
2-Nitroaniline
Concen: 46.584 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion: 65 Resp: 85914
Ion Ratio Lower Upper
65 100
92 61.9 49.2 73.8
138 88.8 71.5 107.3

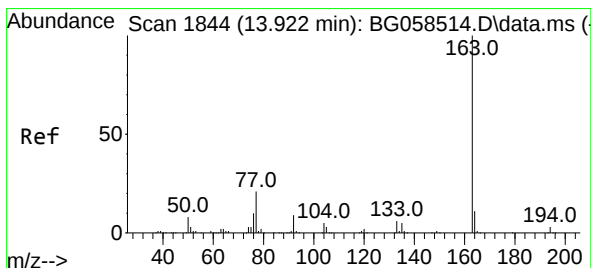
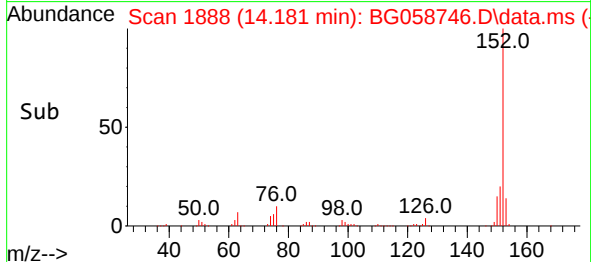
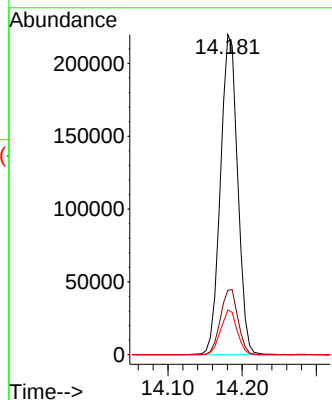
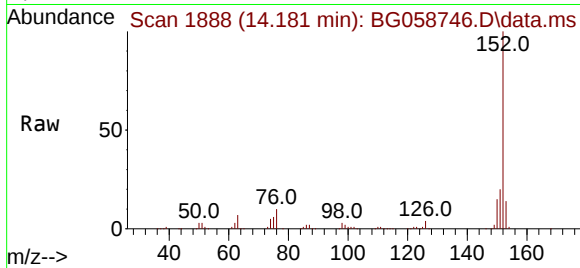




#49
Acenaphthylene
Concen: 43.788 ng
RT: 14.181 min Scan# 1888
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

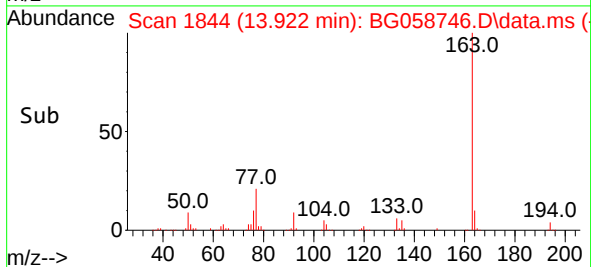
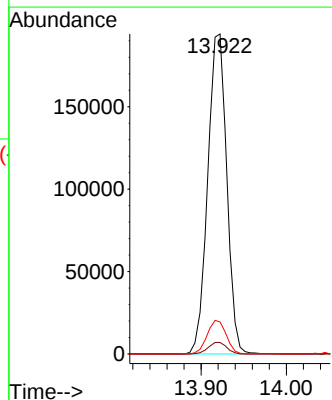
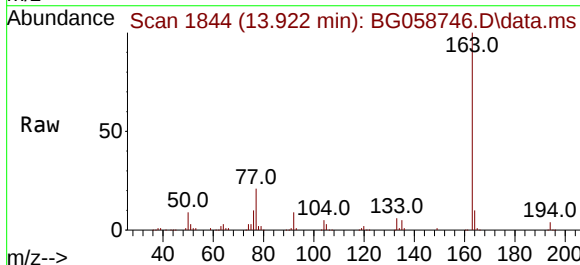
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

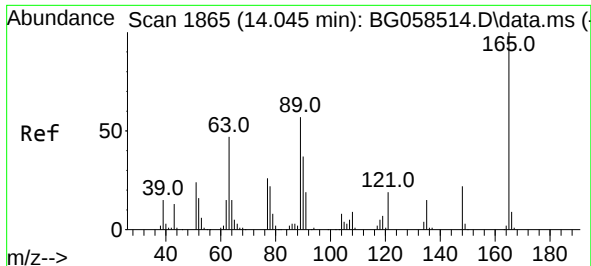
Tgt Ion:152 Resp: 354226
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7
153 13.9 10.7 16.1



#50
Dimethylphthalate
Concen: 44.438 ng
RT: 13.922 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:163 Resp: 301159
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.6 12.8

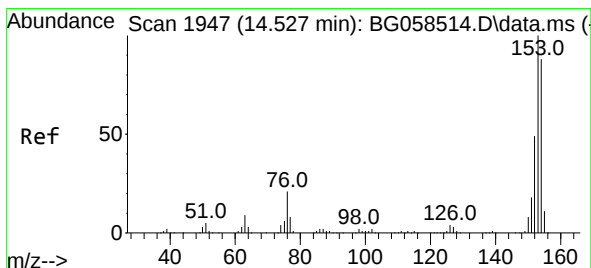
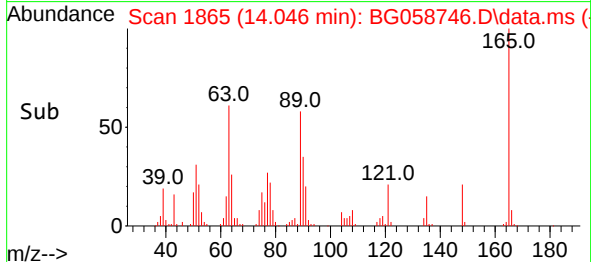
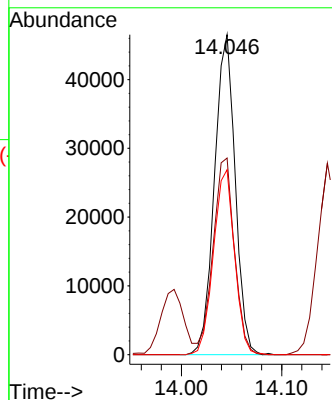
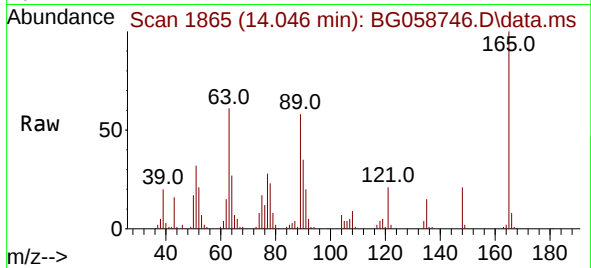




#51
2,6-Dinitrotoluene
Concen: 44.832 ng
RT: 14.046 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

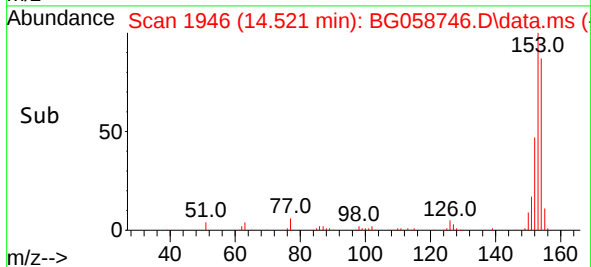
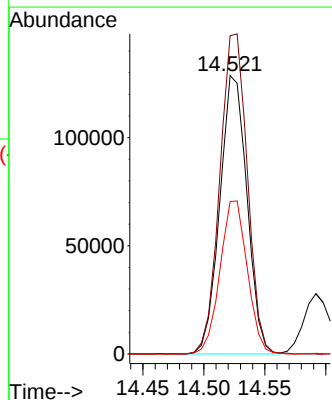
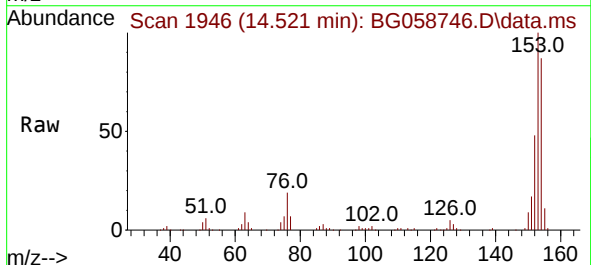
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

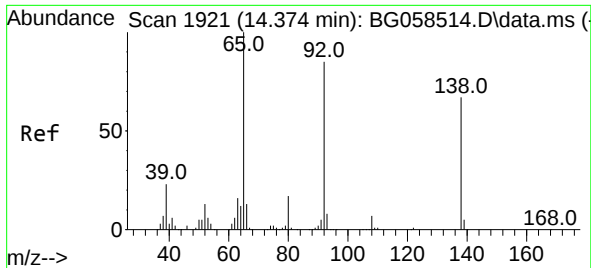
Tgt Ion:165 Resp: 66666
Ion Ratio Lower Upper
165 100
63 61.5 46.4 69.6
89 57.8 45.3 67.9



#52
Acenaphthene
Concen: 42.735 ng
RT: 14.521 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:154 Resp: 199756
Ion Ratio Lower Upper
154 100
153 114.3 91.1 136.7
152 54.8 44.6 66.8

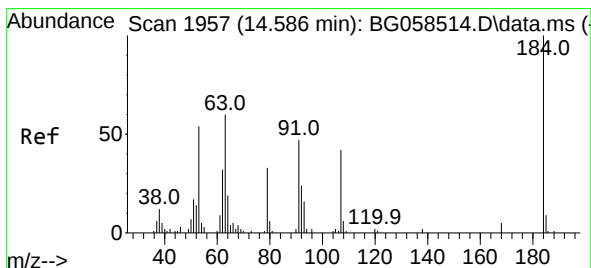
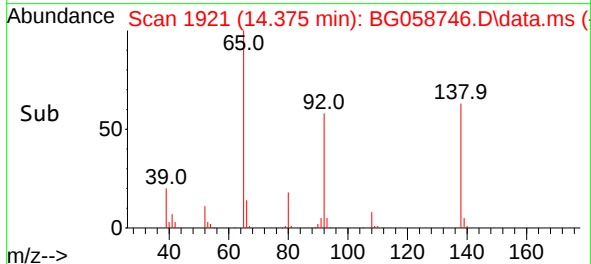
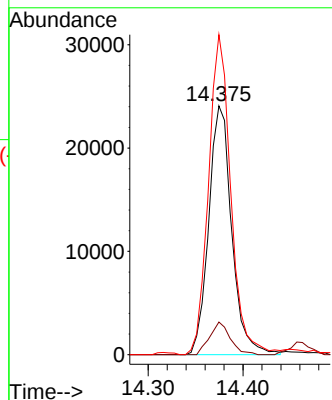
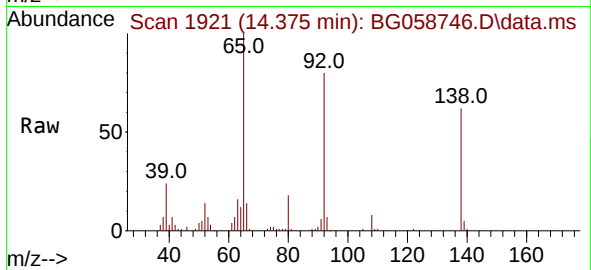




#53
3-Nitroaniline
Concen: 27.307 ng
RT: 14.375 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

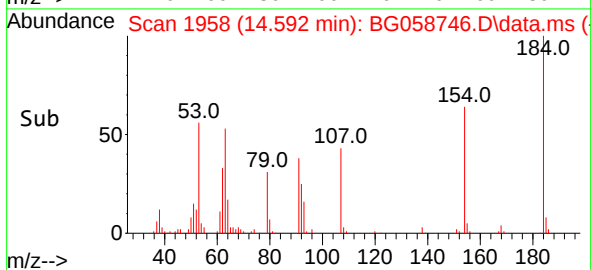
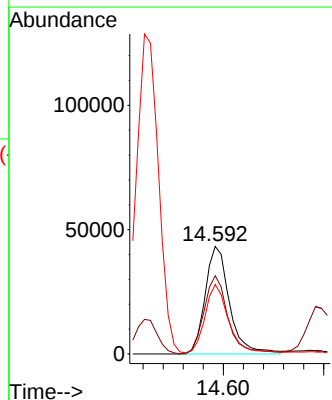
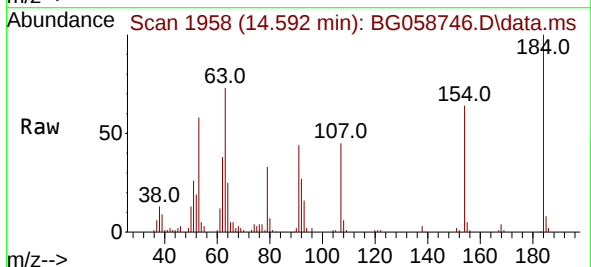
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

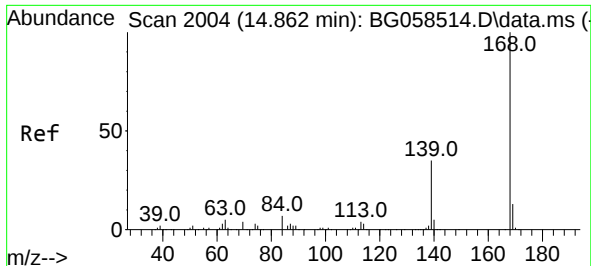
Tgt Ion:138 Resp: 40625
Ion Ratio Lower Upper
138 100
108 13.1 8.3 12.5#
92 128.6 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 86.406 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:184 Resp: 72984
Ion Ratio Lower Upper
184 100
63 72.7 56.7 85.1
154 64.5 46.1 69.1

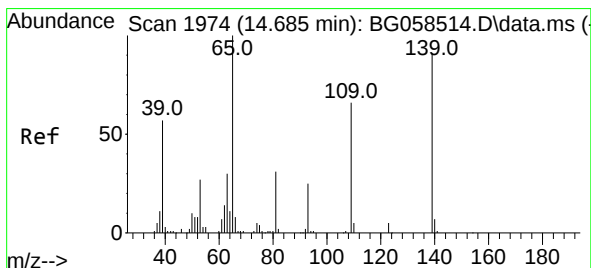
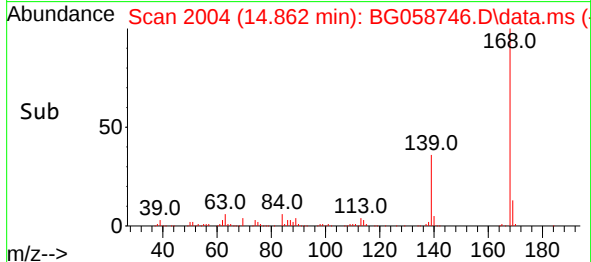
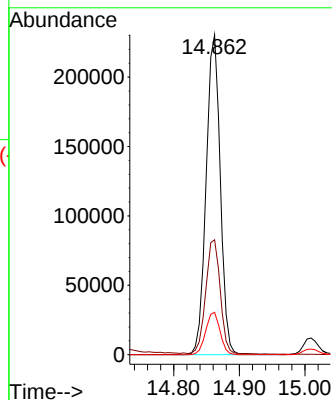
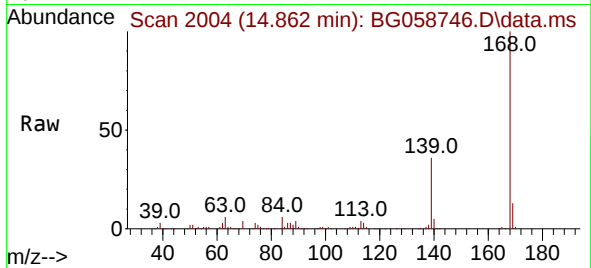




#55
Dibenzofuran
Concen: 43.080 ng
RT: 14.862 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

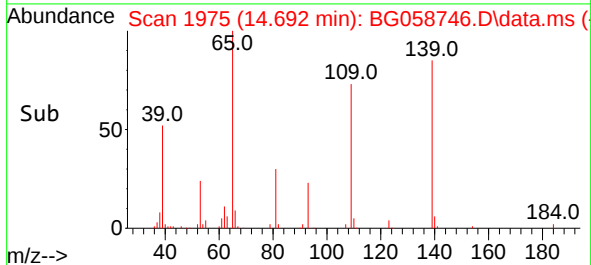
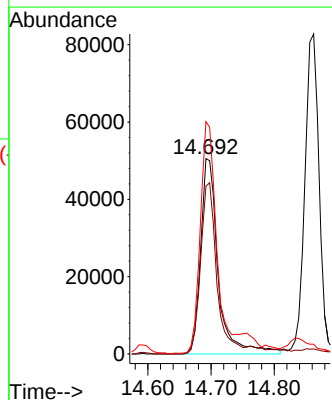
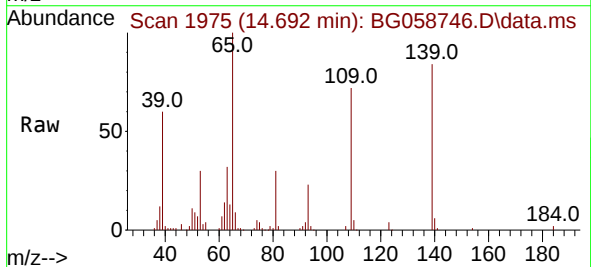
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

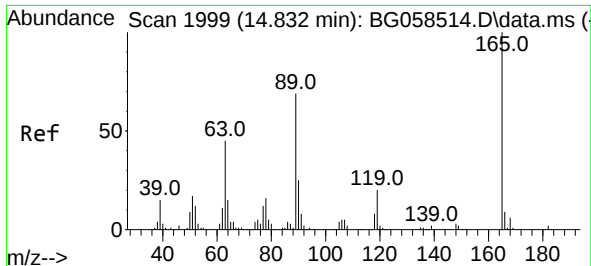
Tgt Ion:168 Resp: 346018
Ion Ratio Lower Upper
168 100
139 35.9 27.8 41.8
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 87.949 ng
RT: 14.692 min Scan# 1975
Delta R.T. 0.007 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:139 Resp: 97335
Ion Ratio Lower Upper
139 100
109 85.9 52.5 92.5
65 119.0 90.5 130.5

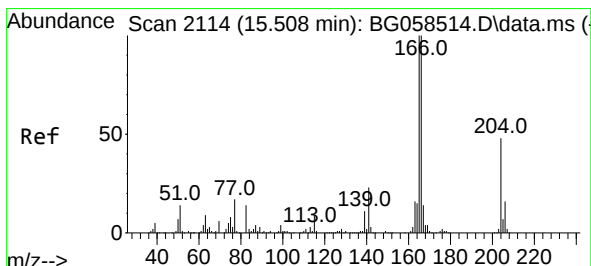
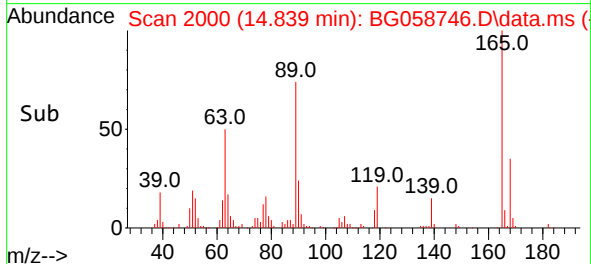
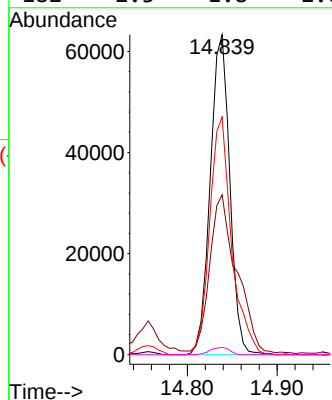
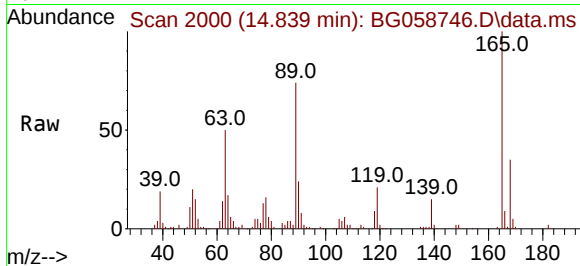




#57
2,4-Dinitrotoluene
Concen: 46.393 ng
RT: 14.839 min Scan# 20
Delta R.T. 0.007 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

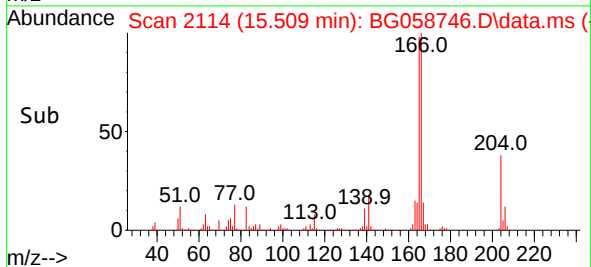
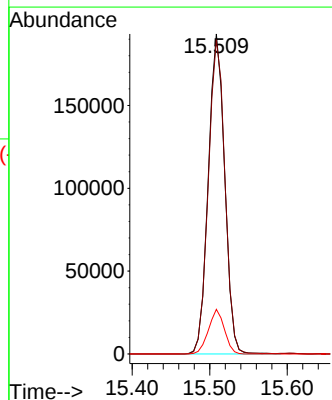
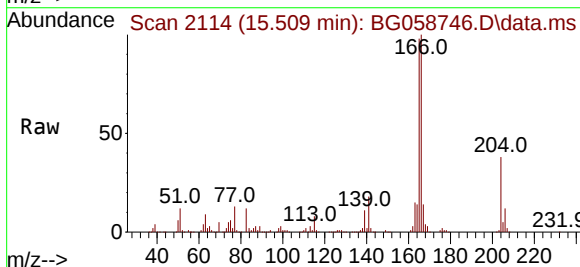
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

Tgt Ion:	165	Resp:	95640
Ion Ratio	Lower	Upper	
165	100		
63	50.0	36.6	54.8
89	74.3	55.4	83.0
182	2.3	1.8	2.6



#58
Fluorene
Concen: 44.474 ng
RT: 15.509 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:	166	Resp:	283773
Ion Ratio	Lower	Upper	
166	100		
165	98.2	80.0	120.0
167	13.9	11.3	16.9

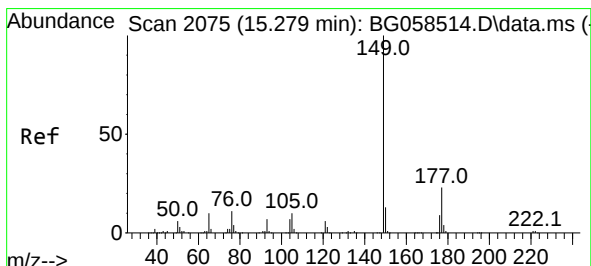
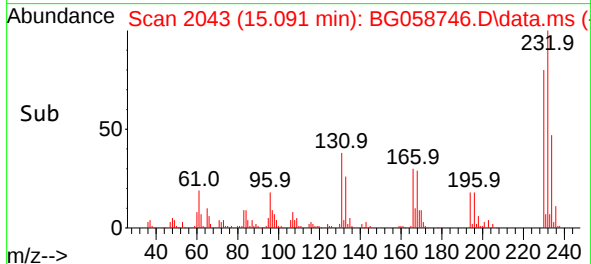
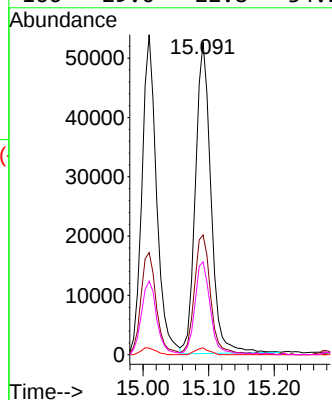
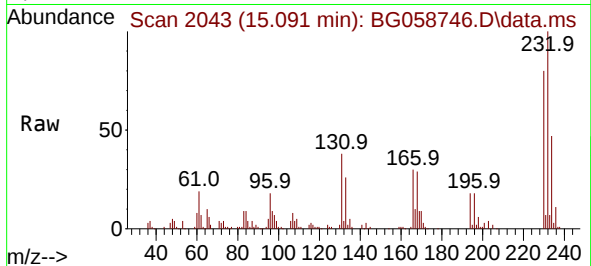




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.094 ng
RT: 15.091 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

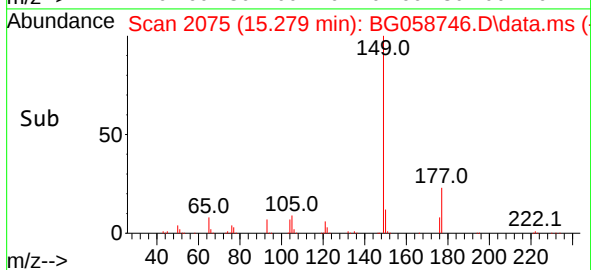
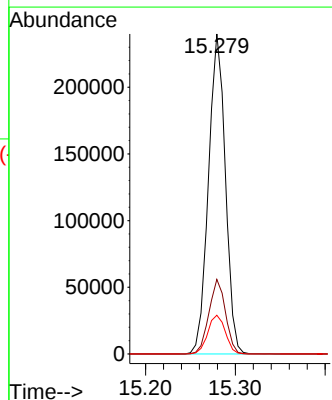
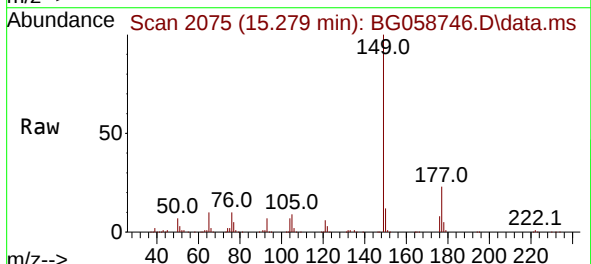
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

Tgt Ion:232 Resp: 86363
Ion Ratio Lower Upper
232 100
131 40.4 30.0 45.0
130 1.9 1.5 2.3
166 29.0 22.8 34.2



#60
Diethylphthalate
Concen: 45.395 ng
RT: 15.279 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:149 Resp: 313415
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.1 10.2 15.4

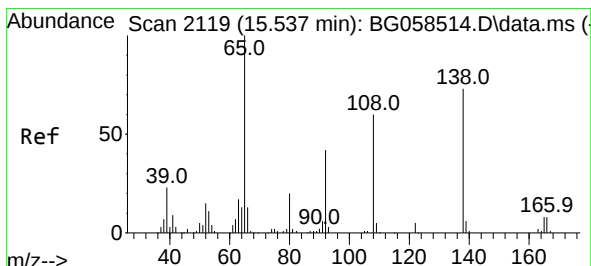
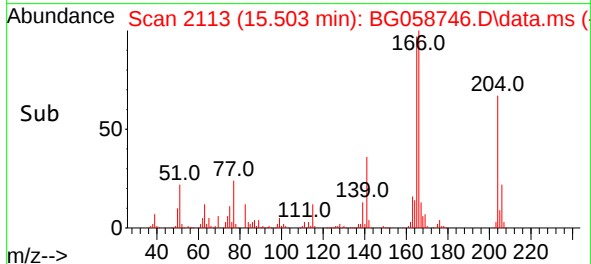
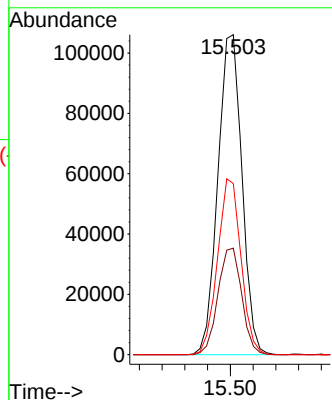
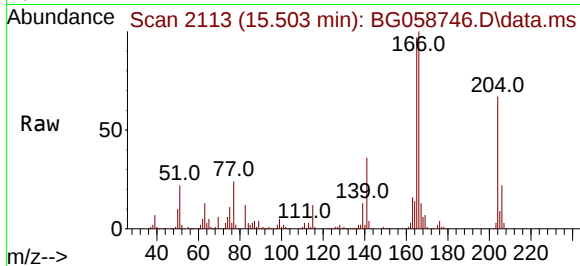




#61
4-Chlorophenyl-phenylether
Concen: 43.913 ng
RT: 15.503 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

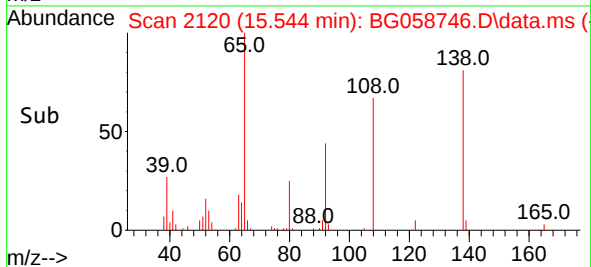
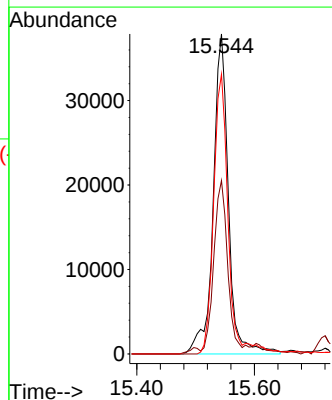
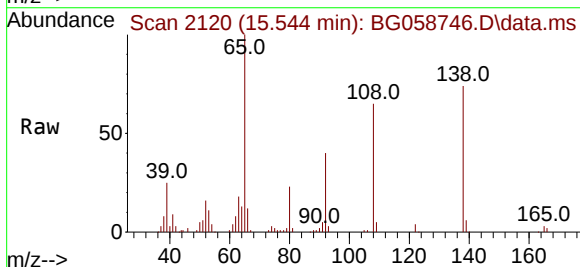
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

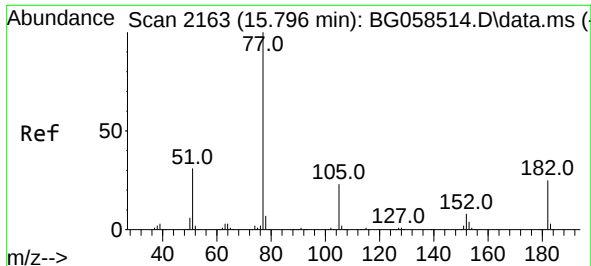
Tgt Ion:204 Resp: 156212
Ion Ratio Lower Upper
204 100
206 33.3 27.0 40.4
141 53.5 40.8 61.2



#62
4-Nitroaniline
Concen: 48.229 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:138 Resp: 67971
Ion Ratio Lower Upper
138 100
92 54.2 37.3 77.3
108 87.4 62.6 102.6

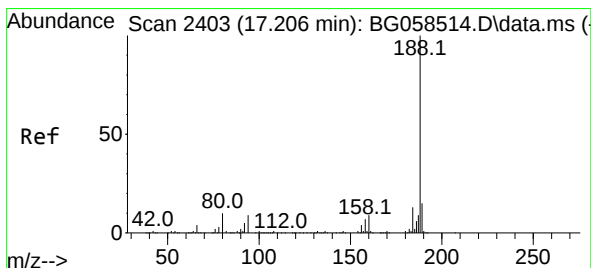
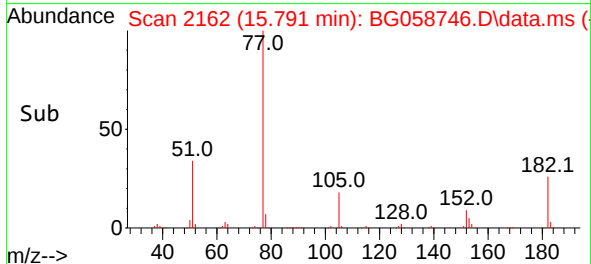
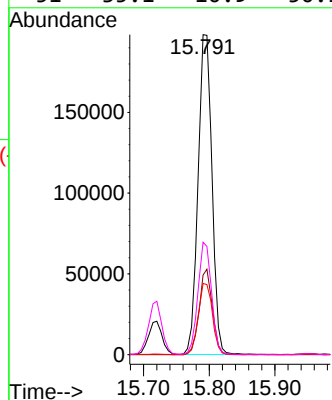
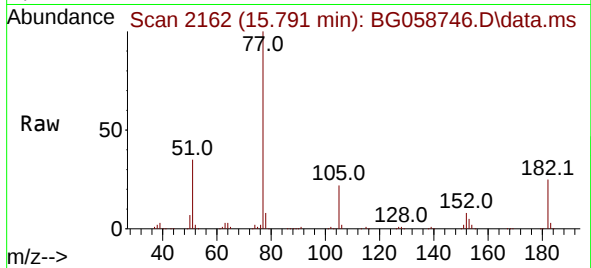




#63
Azobenzene
Concen: 43.023 ng
RT: 15.791 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

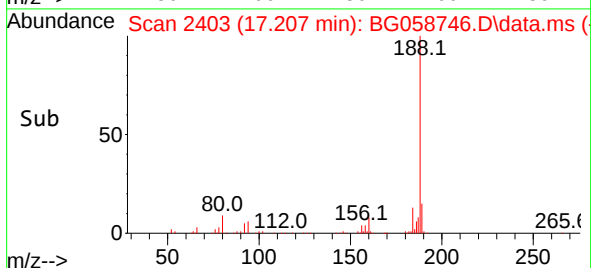
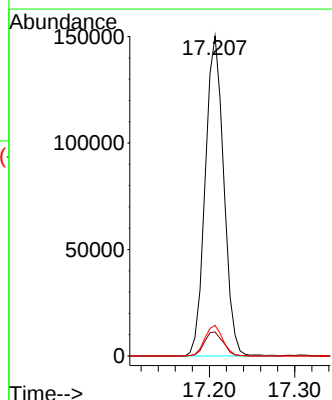
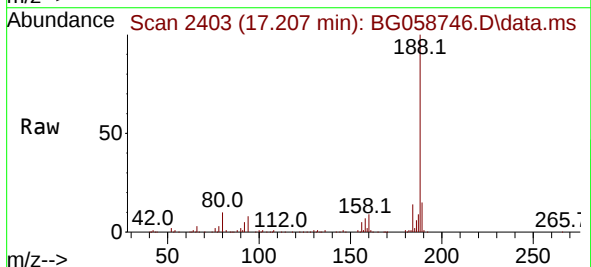
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

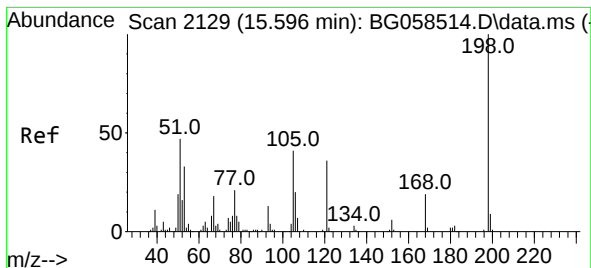
Tgt Ion: 77 Resp: 292570
Ion Ratio Lower Upper
77 100
182 24.9 4.6 44.6
105 22.3 3.3 43.3
51 35.1 10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:188 Resp: 225978
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 9.5 8.1 12.1

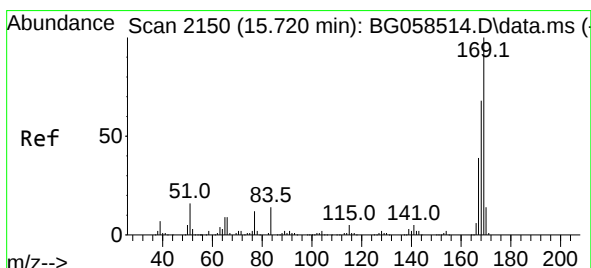
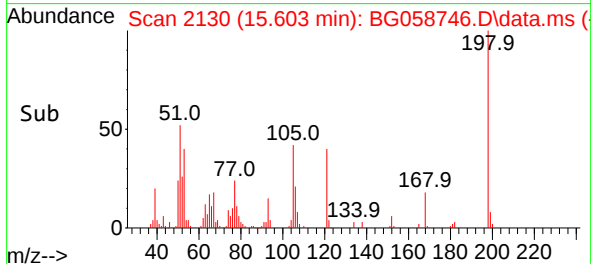
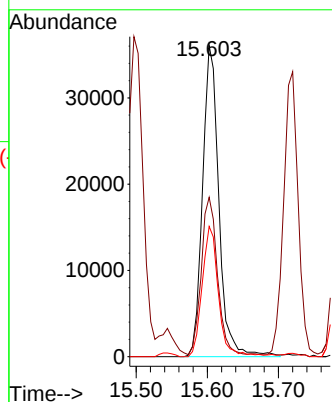
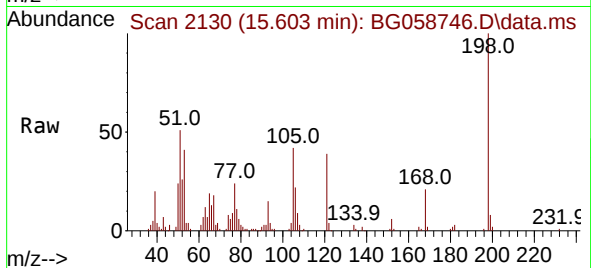




#65
4,6-Dinitro-2-methylphenol
Concen: 46.327 ng
RT: 15.603 min Scan# 2129
Delta R.T. 0.007 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

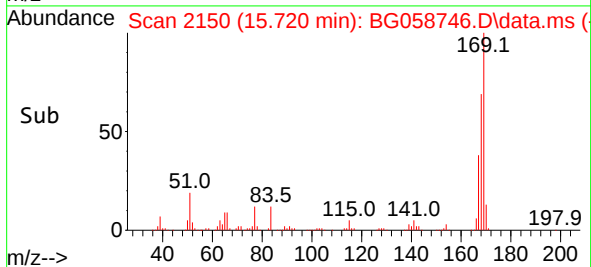
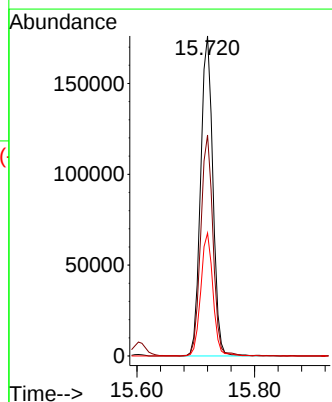
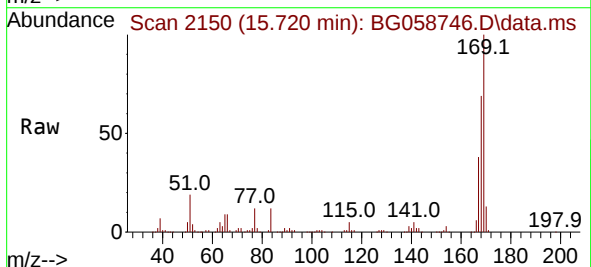
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

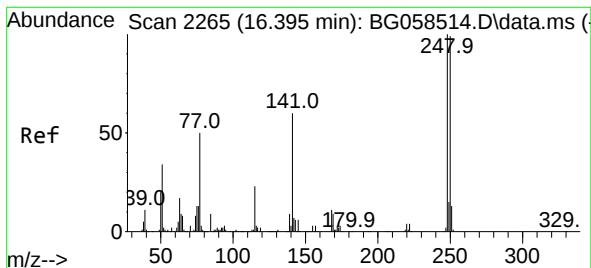
Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.3	29.3	69.3
105	41.9	21.0	61.0



#66
n-Nitrosodiphenylamine
Concen: 43.243 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.1	54.6	82.0
167	38.4	31.3	46.9

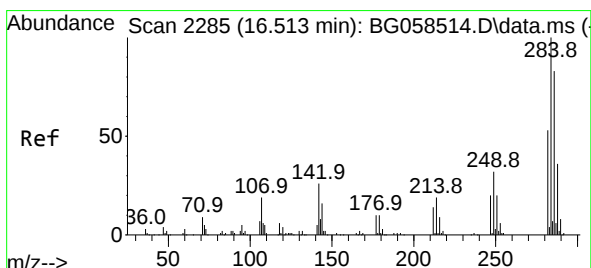
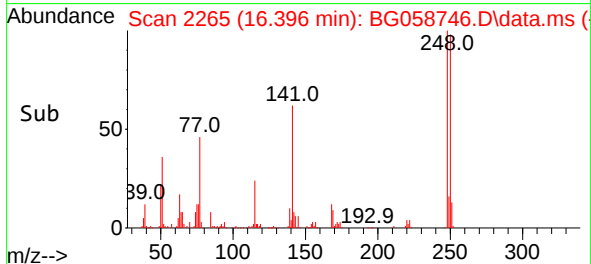
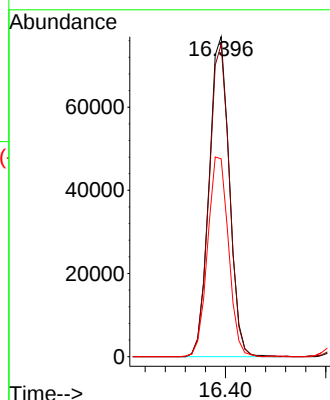
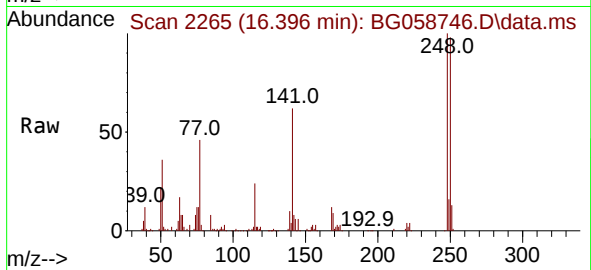




#67
4-Bromophenyl-phenylether
Concen: 42.124 ng
RT: 16.396 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

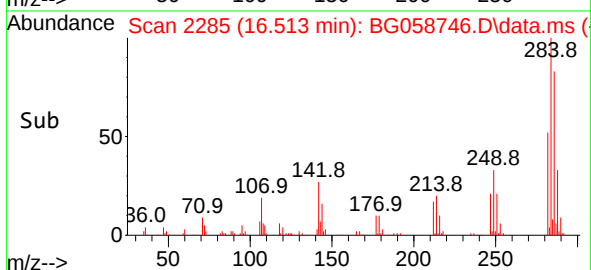
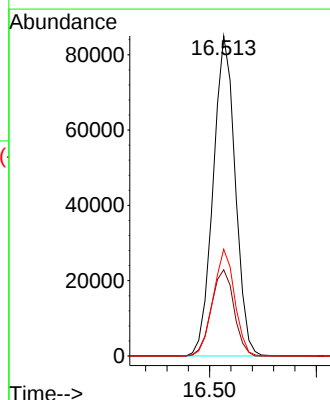
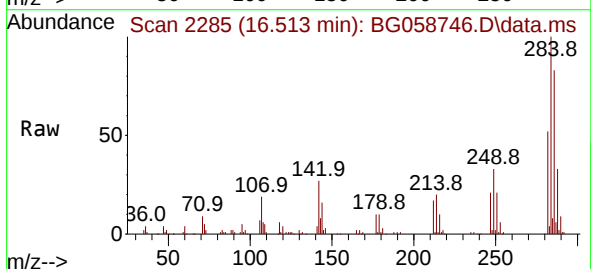
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

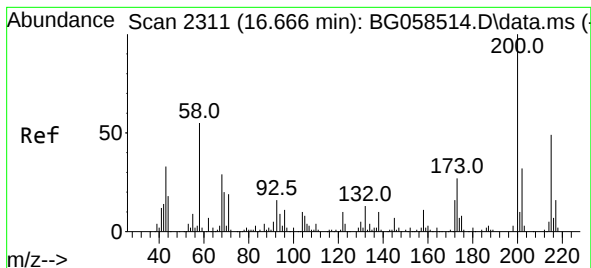
Tgt Ion:248 Resp: 107967
Ion Ratio Lower Upper
248 100
250 97.6 79.5 119.3
141 61.9 48.2 72.2



#68
Hexachlorobenzene
Concen: 44.874 ng
RT: 16.513 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:284 Resp: 121878
Ion Ratio Lower Upper
284 100
142 27.0 21.0 31.4
249 33.3 25.5 38.3





#69

Atrazine

Concen: 53.795 ng

RT: 16.672 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

Instrument :

BNA_G

ClientSampleId :

PB154469BSD

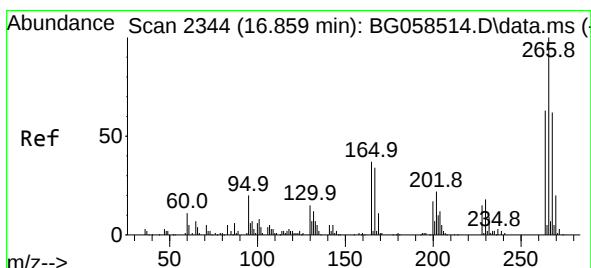
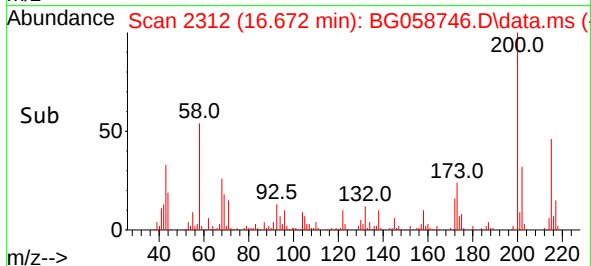
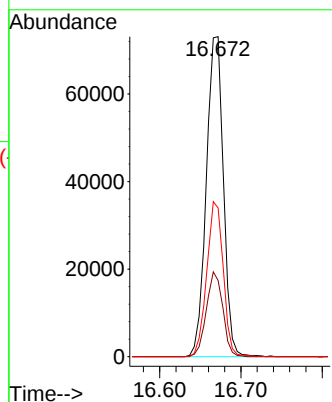
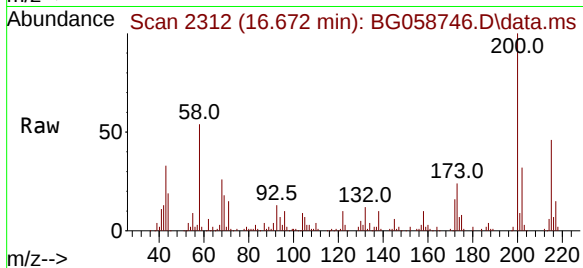
Tgt Ion:200 Resp: 106809

Ion Ratio Lower Upper

200 100

173 23.8 6.5 46.5

215 46.5 28.9 68.9



#70

Pentachlorophenol

Concen: 68.787 ng

RT: 16.860 min Scan# 2344

Delta R.T. 0.001 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

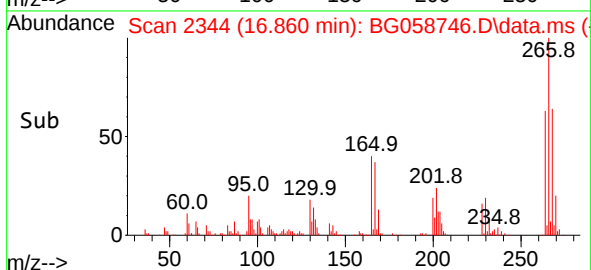
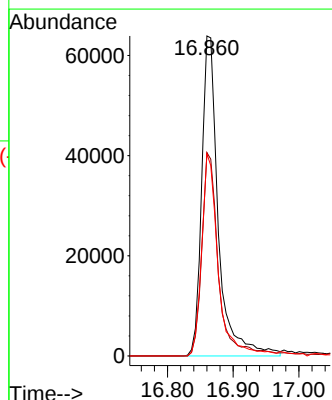
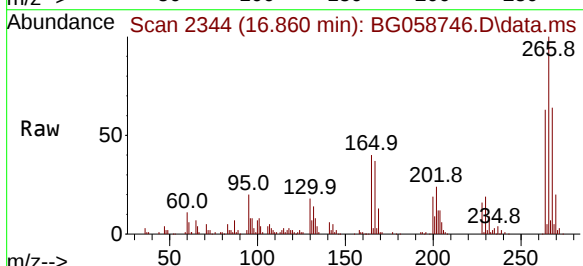
Tgt Ion:266 Resp: 113081

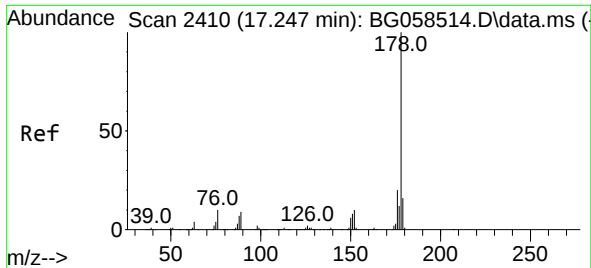
Ion Ratio Lower Upper

266 100

268 63.6 49.9 74.9

264 63.2 50.2 75.4

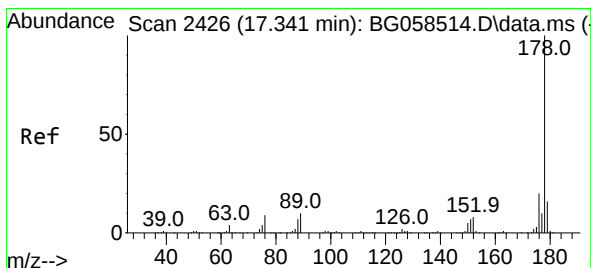
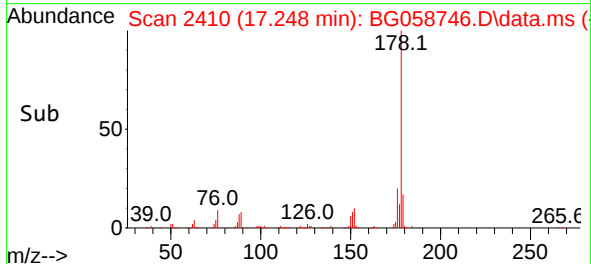
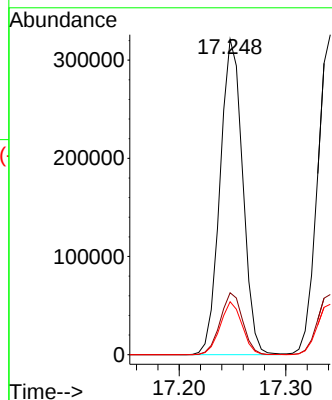
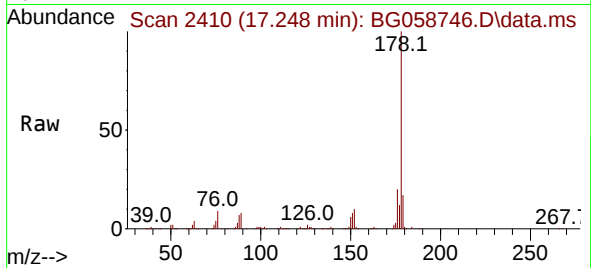




#71
Phenanthrene
Concen: 44.169 ng
RT: 17.248 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

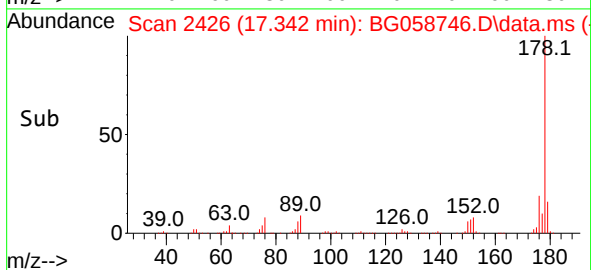
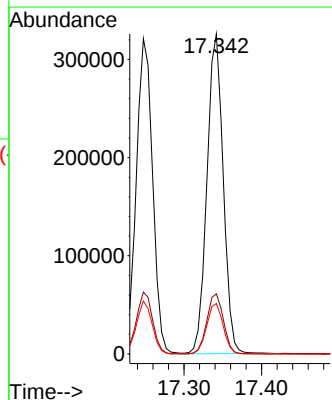
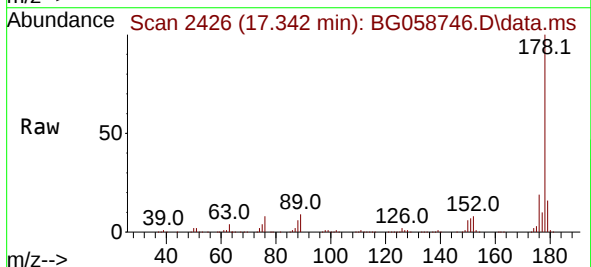
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

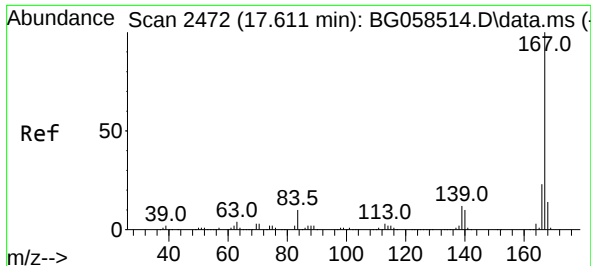
Tgt Ion:178 Resp: 473356
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 16.8 13.1 19.7



#72
Anthracene
Concen: 43.065 ng
RT: 17.342 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:178 Resp: 473557
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 15.8 12.9 19.3

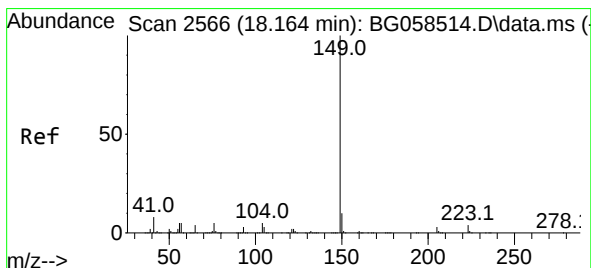
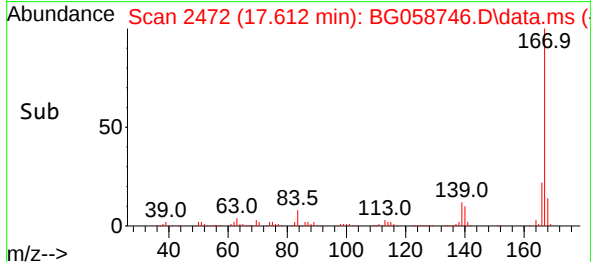
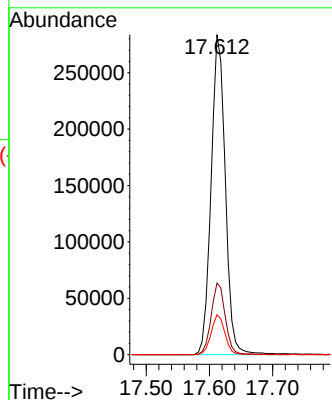
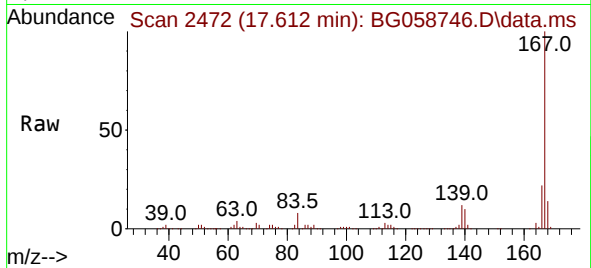




#73
 Carbazole
 Concen: 45.574 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG058746.D
 Acq: 16 Aug 2023 13:24

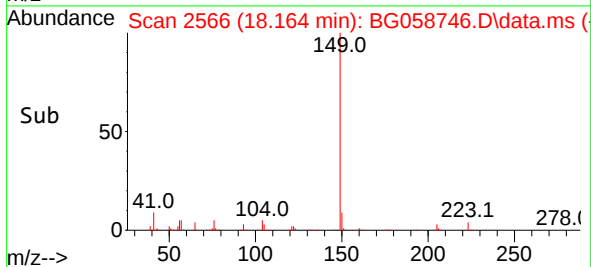
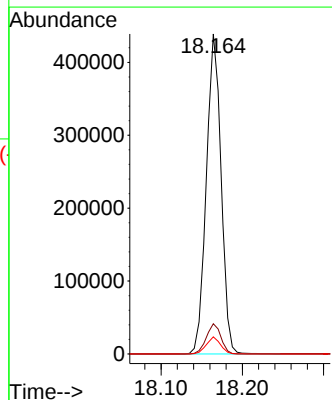
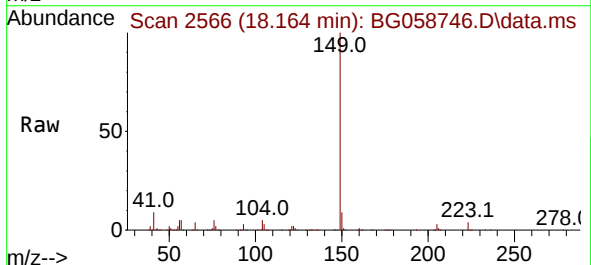
Instrument :
 BNA_G
 ClientSampleId :
 PB154469BSD

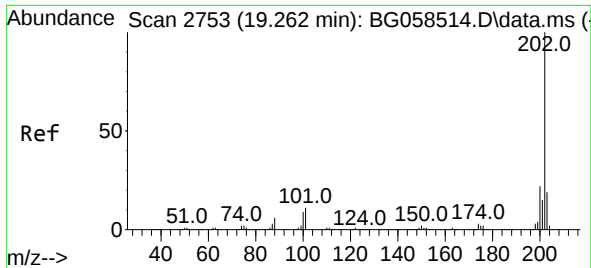
Tgt Ion:167 Resp: 441922
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.4 27.6
 139 12.4 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 45.445 ng
 RT: 18.164 min Scan# 2566
 Delta R.T. 0.000 min
 Lab File: BG058746.D
 Acq: 16 Aug 2023 13:24

Tgt Ion:149 Resp: 551968
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.3 4.0 6.0

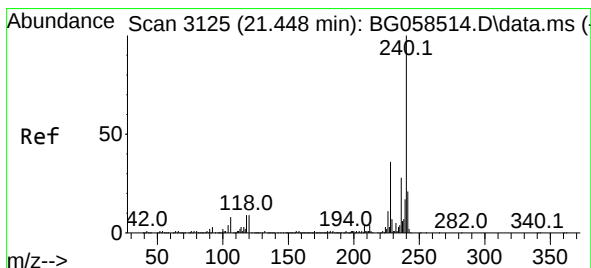
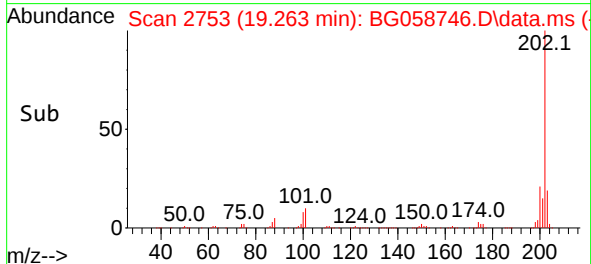
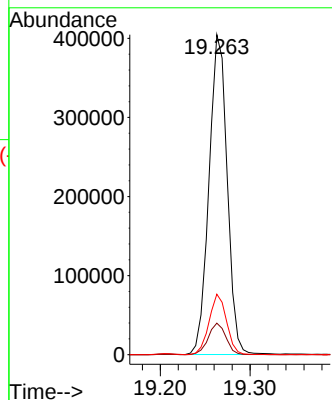
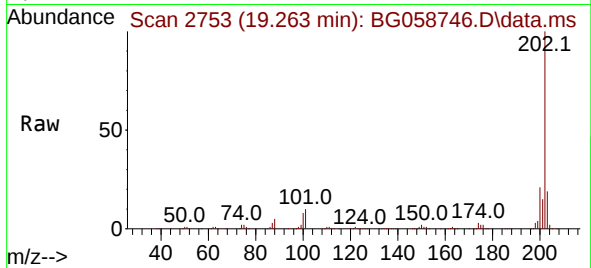




#75
Fluoranthene
Concen: 44.162 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

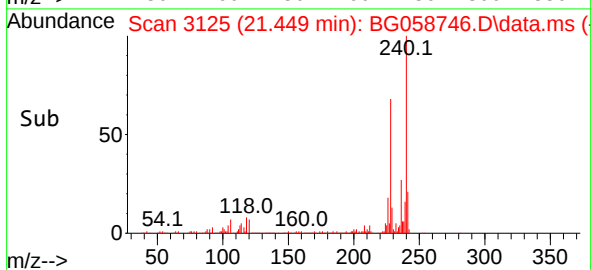
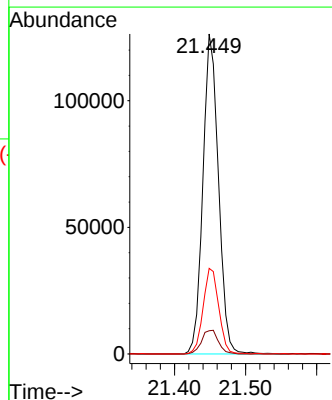
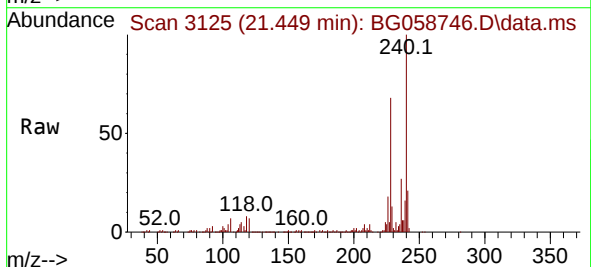
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

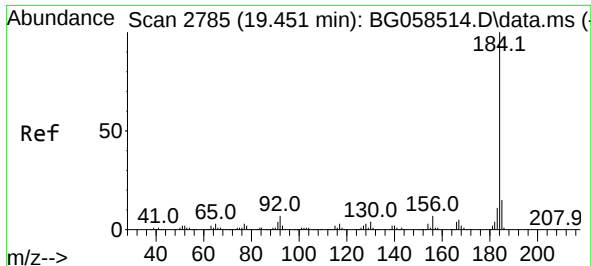
Tgt Ion:202 Resp: 568504
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.4
203 18.9 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:240 Resp: 192529
Ion Ratio Lower Upper
240 100
120 7.3 7.4 11.0#
236 26.7 22.2 33.4

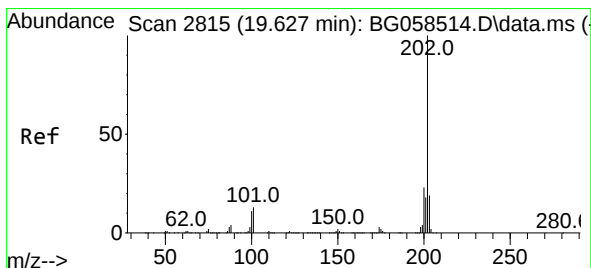
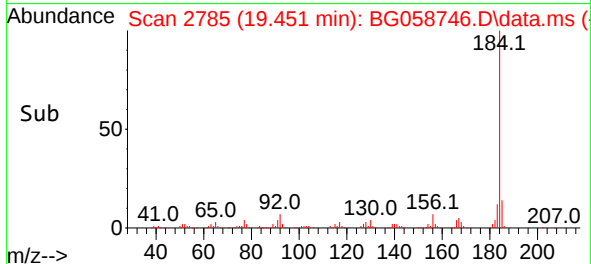
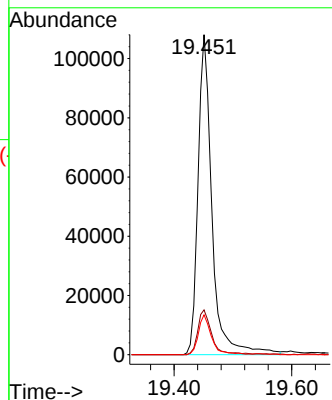
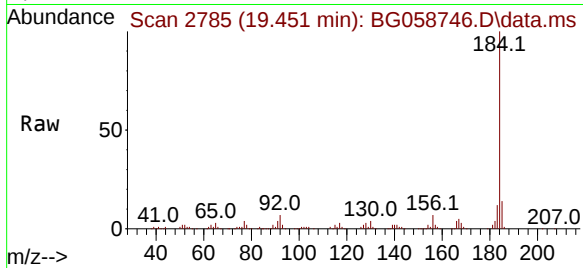




#77
Benzidine
Concen: 60.837 ng
RT: 19.451 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

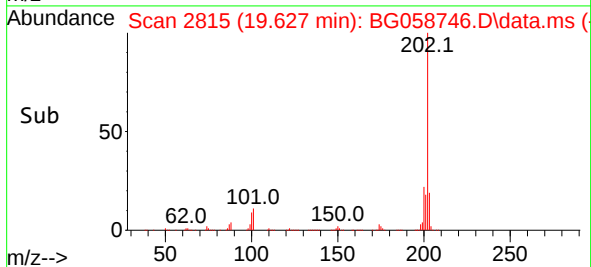
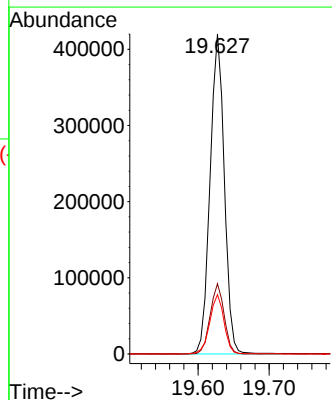
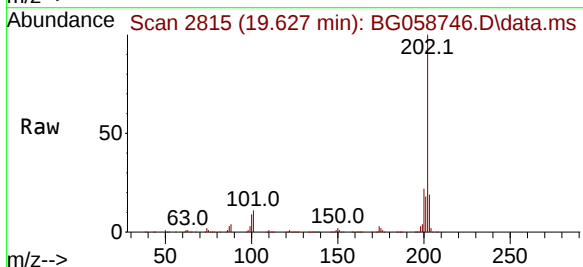
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

Tgt Ion:184 Resp: 177614
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 12.5 8.7 13.1



#78
Pyrene
Concen: 44.736 ng
RT: 19.627 min Scan# 2815
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:202 Resp: 586156
Ion Ratio Lower Upper
202 100
200 22.0 18.2 27.2
203 18.6 15.1 22.7

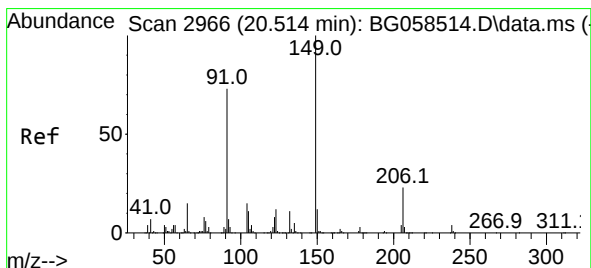
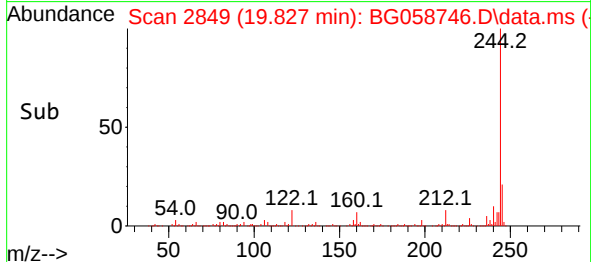
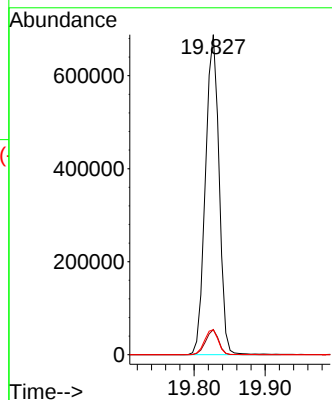
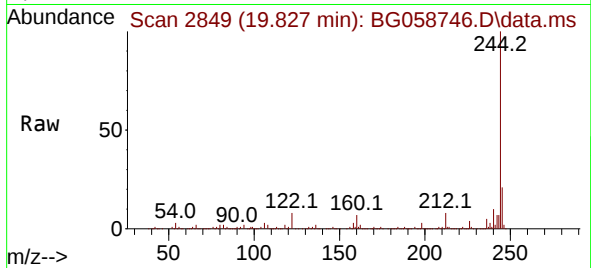




#79
 Terphenyl-d14
 Concen: 89.952 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BG058746.D
 Acq: 16 Aug 2023 13:24

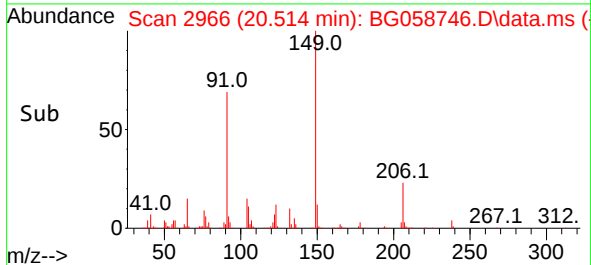
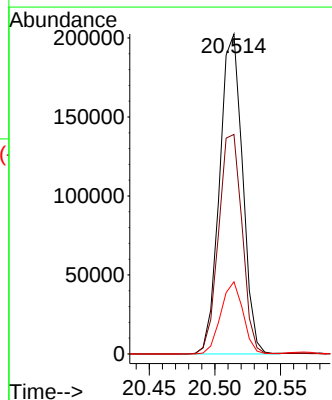
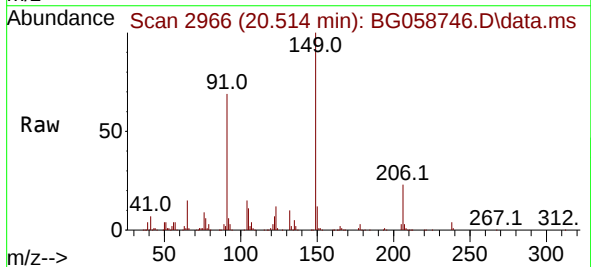
Instrument :
 BNA_G
 ClientSampleId :
 PB154469BSD

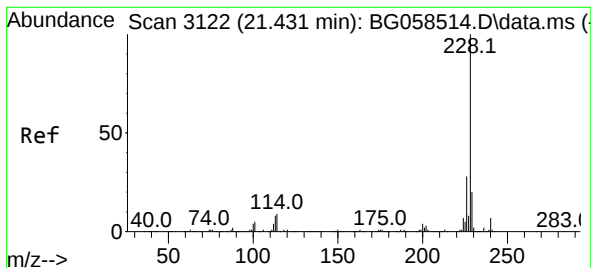
Tgt Ion:244 Resp: 920936
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 7.8 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 45.712 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: BG058746.D
 Acq: 16 Aug 2023 13:24

Tgt Ion:149 Resp: 246023
 Ion Ratio Lower Upper
 149 100
 91 68.6 58.4 87.6
 206 22.5 18.3 27.5





#81

Benzo(a)anthracene

Concen: 45.031 ng

RT: 21.431 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

Instrument :

BNA_G

ClientSampleId :

PB154469BSD

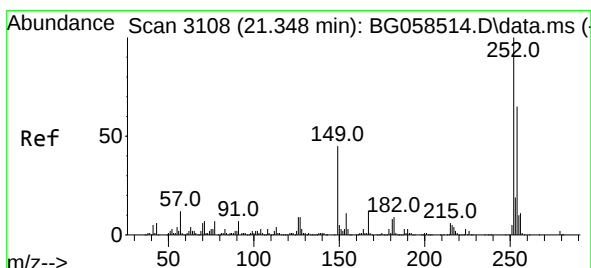
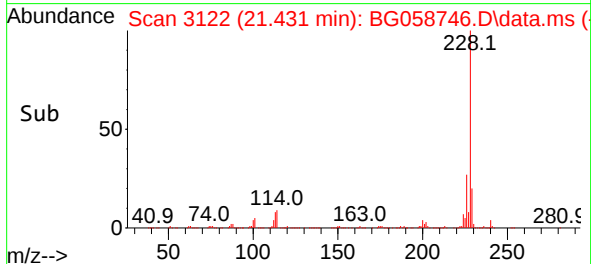
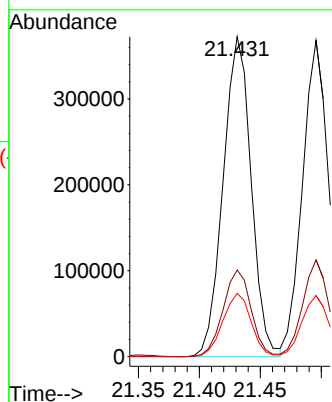
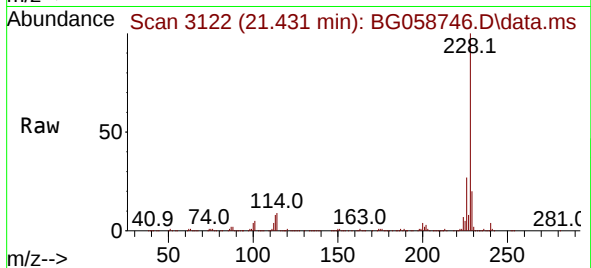
Tgt Ion:228 Resp: 596640

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

229 19.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 37.115 ng

RT: 21.355 min Scan# 3109

Delta R.T. 0.006 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

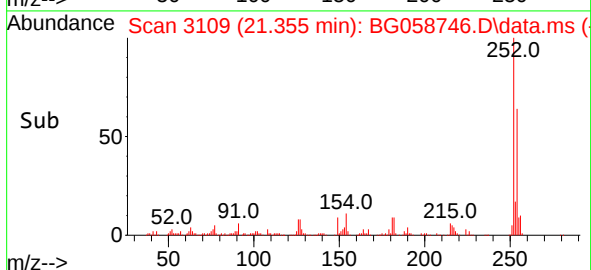
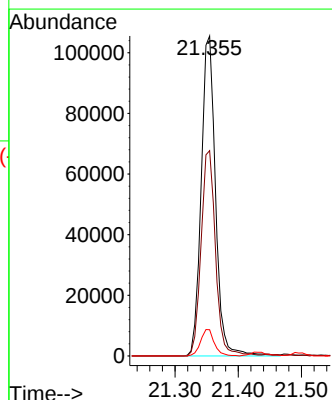
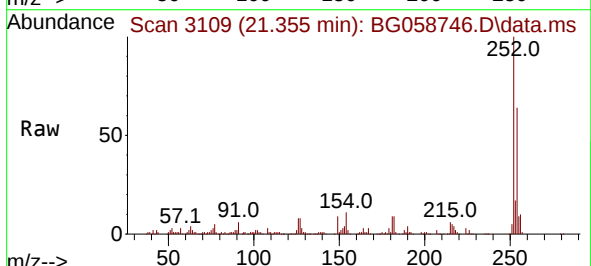
Tgt Ion:252 Resp: 166270

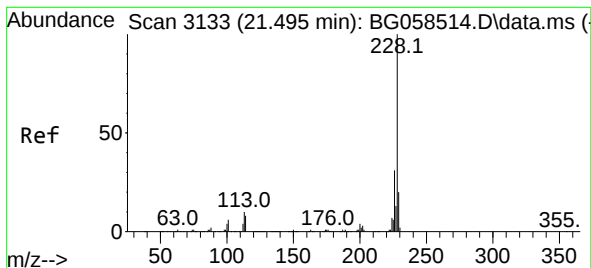
Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.4

126 8.2 7.2 10.8





#83

Chrysene

Concen: 43.501 ng

RT: 21.496 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

Instrument :

BNA_G

ClientSampleId :

PB154469BSD

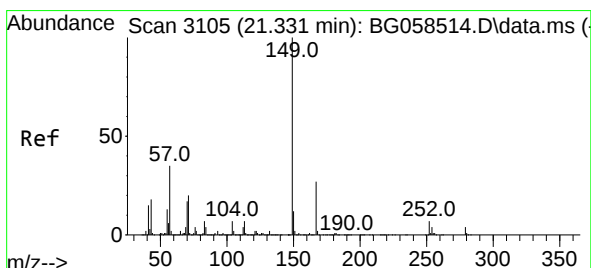
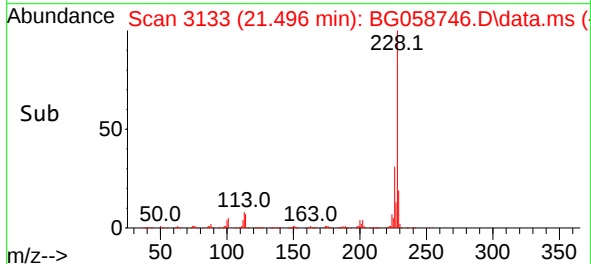
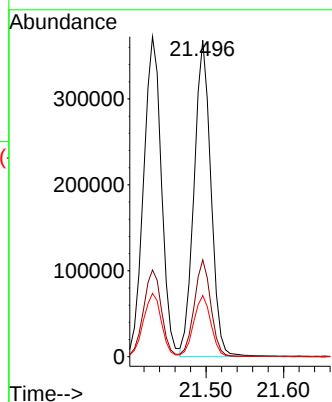
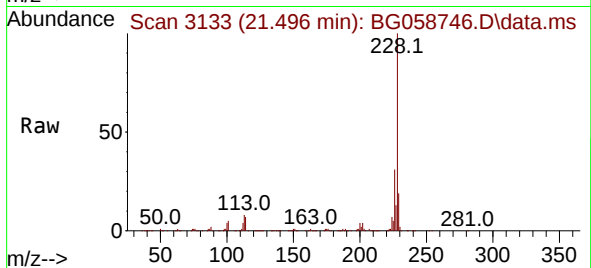
Tgt Ion:228 Resp: 552620

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

229 19.3 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.426 ng

RT: 21.331 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

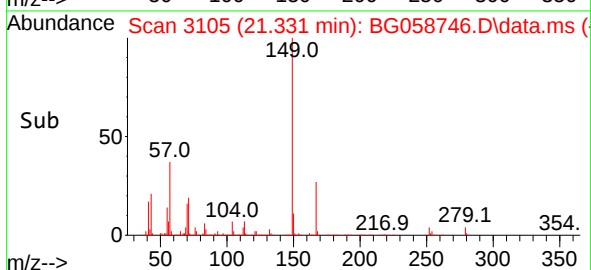
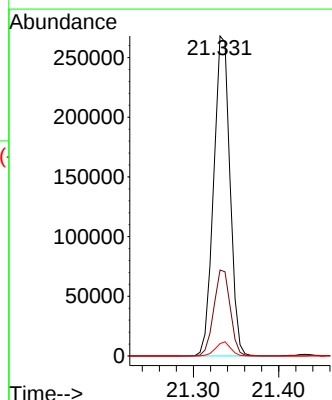
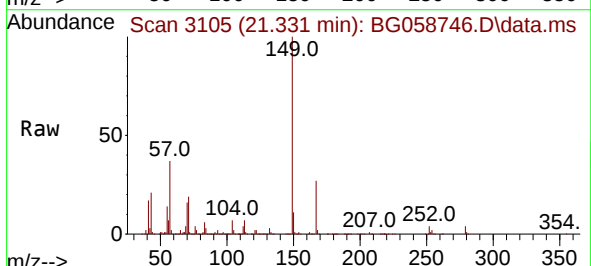
Tgt Ion:149 Resp: 357271

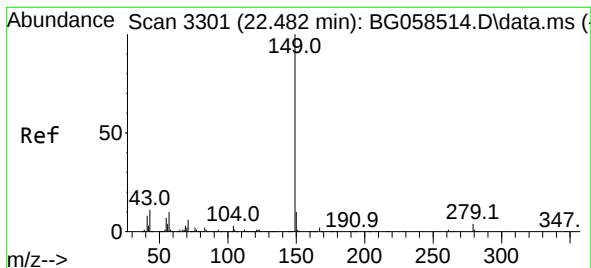
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

279 3.8 2.9 4.3

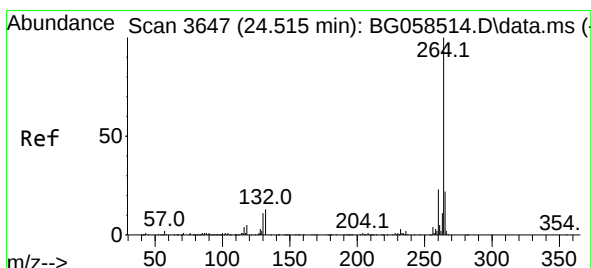
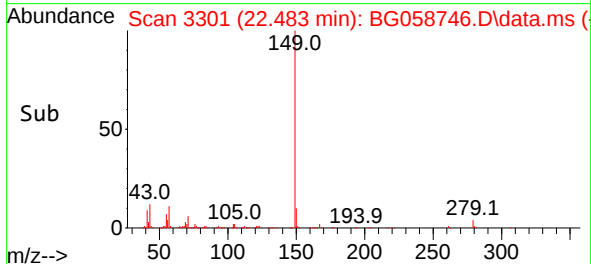
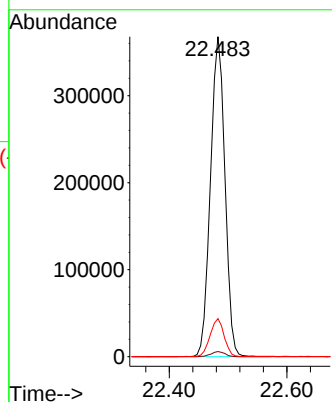
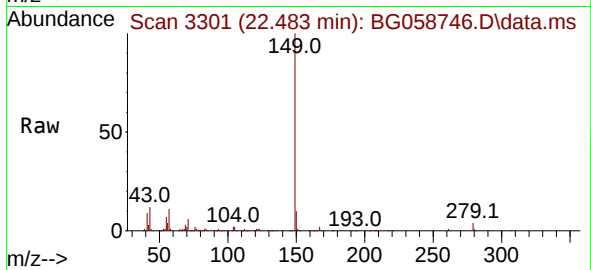




#85
Di-n-octyl phthalate
Concen: 45.373 ng
RT: 22.483 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

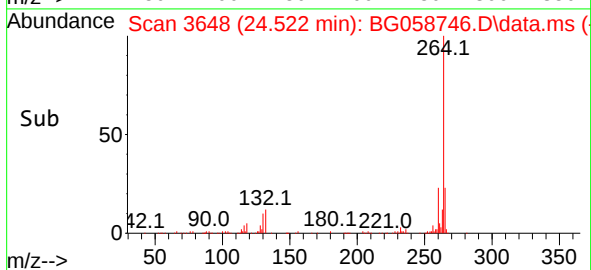
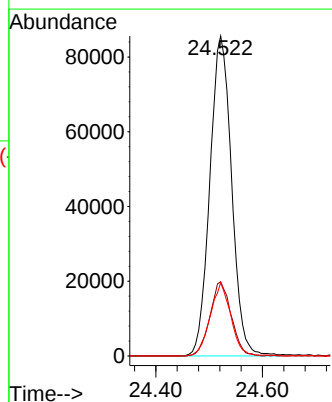
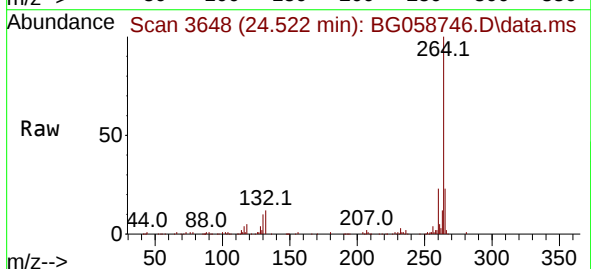
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

Tgt Ion:149 Resp: 627404
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.6 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:264 Resp: 242804
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 22.9 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.849 ng

RT: 28.035 min Scan# 41

Delta R.T. 0.024 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

Instrument :

BNA_G

ClientSampleId :

PB154469BSD

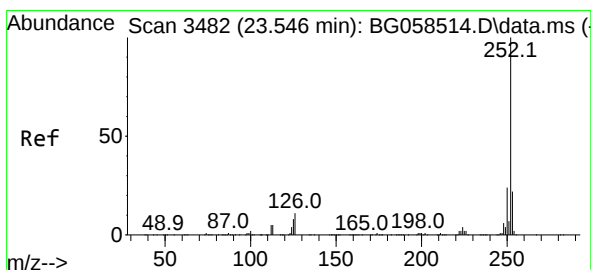
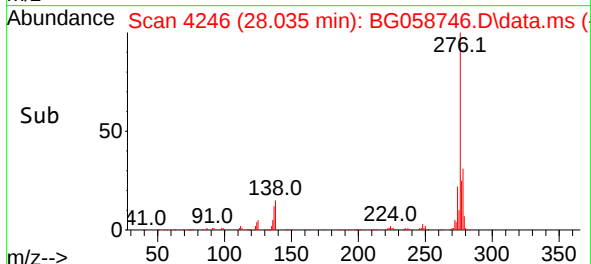
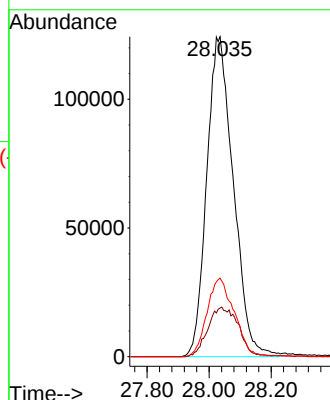
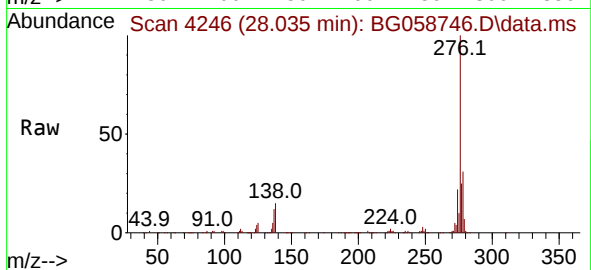
Tgt Ion:276 Resp: 740591

Ion Ratio Lower Upper

276 100

138 17.7 16.0 24.0

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.891 ng

RT: 23.552 min Scan# 3483

Delta R.T. 0.006 min

Lab File: BG058746.D

Acq: 16 Aug 2023 13:24

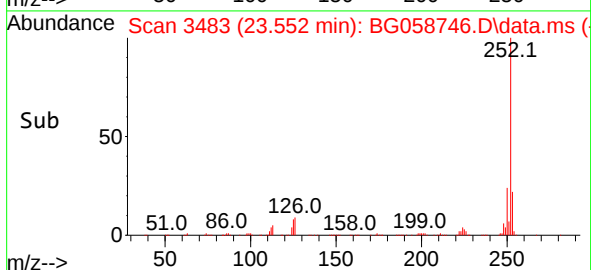
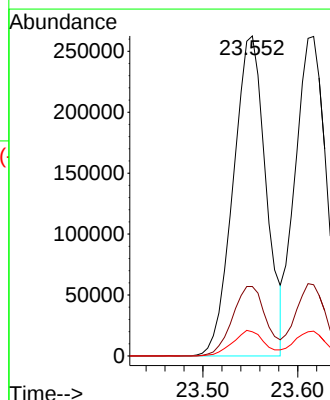
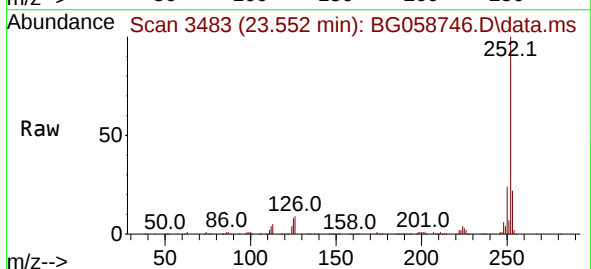
Tgt Ion:252 Resp: 630685

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 7.5 6.6 9.8

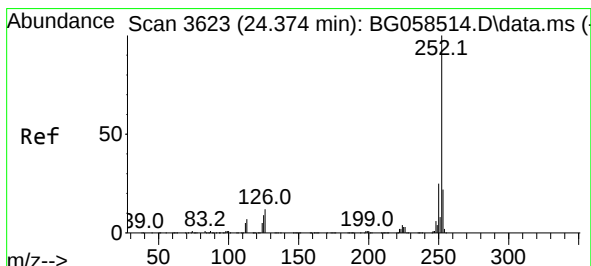
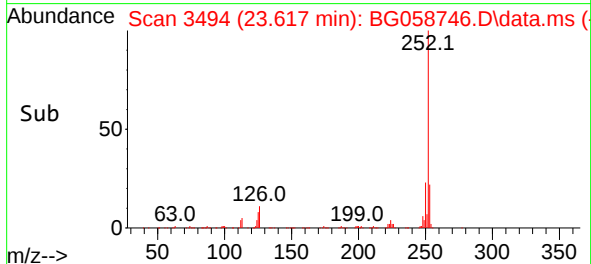
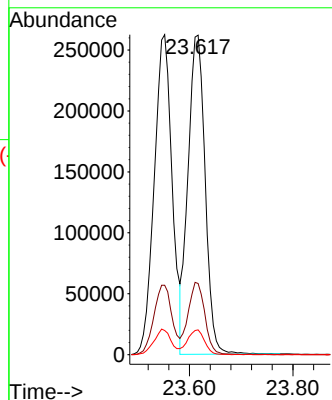
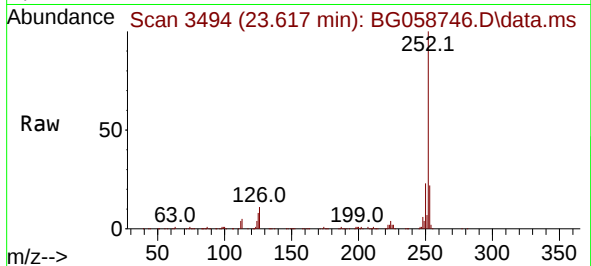




#89
Benzo(k)fluoranthene
Concen: 45.521 ng
RT: 23.617 min Scan# 3493
Delta R.T. 0.006 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

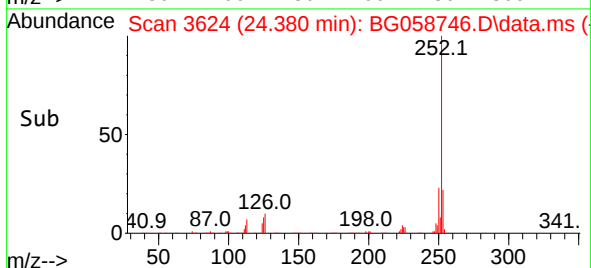
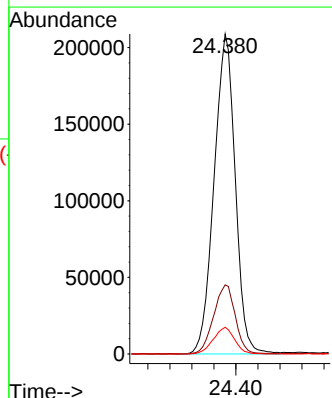
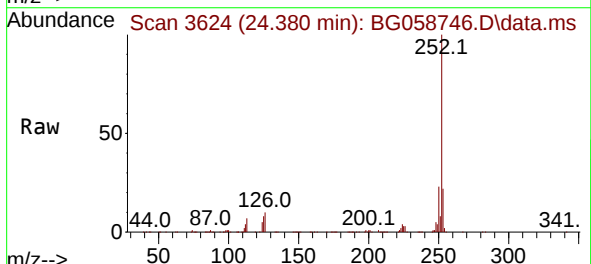
Instrument :
BNA_G
ClientSampleId :
PB154469BSD

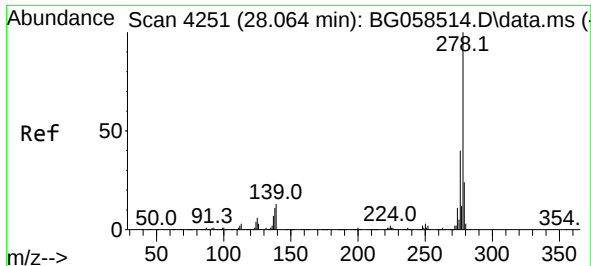
Tgt Ion:252 Resp: 602225
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 7.8 6.6 10.0



#90
Benzo(a)pyrene
Concen: 43.093 ng
RT: 24.380 min Scan# 3624
Delta R.T. 0.006 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:252 Resp: 557323
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.4 7.4 11.2

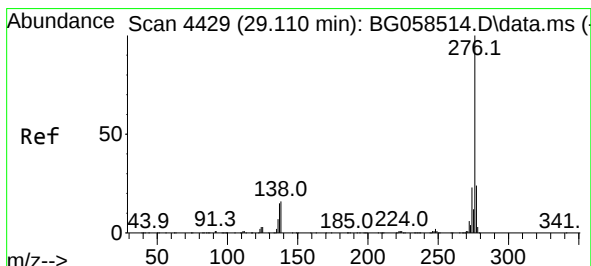
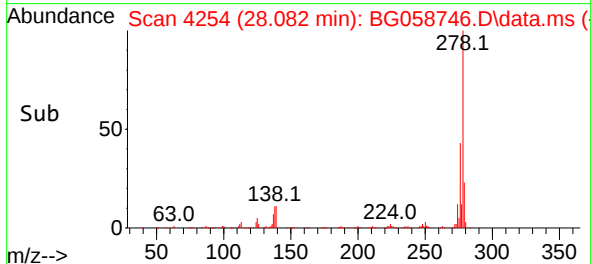
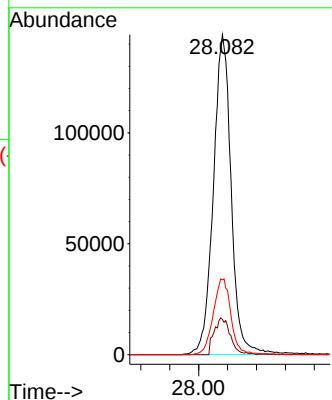
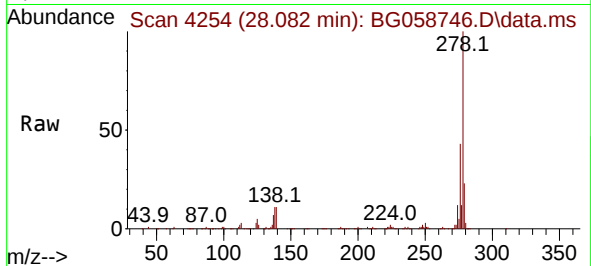




#91
Dibenzo(a,h)anthracene
Concen: 46.238 ng
RT: 28.082 min Scan# 41
Delta R.T. 0.018 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Instrument :
BNA_G
ClientSampleId :
PB154469BSD

Tgt Ion:278 Resp: 617571
Ion Ratio Lower Upper
278 100
139 11.0 10.4 15.6
279 23.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 43.998 ng
RT: 29.128 min Scan# 4432
Delta R.T. 0.018 min
Lab File: BG058746.D
Acq: 16 Aug 2023 13:24

Tgt Ion:276 Resp: 589269
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 15.4 13.0 19.4

