

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056407.D
 Acq On : 24 Jan 2023 17:48
 Operator : CG/JU
 Sample : 01260-22MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

Quant Time: Jan 25 05:32:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.295	152	31246	20.000	ng	0.00
21) Naphthalene-d8	11.127	136	120473	20.000	ng	0.00
39) Acenaphthene-d10	14.911	164	107514	20.000	ng	0.00
64) Phenanthrene-d10	17.643	188	293022	20.000	ng	-0.01
76) Chrysene-d12	21.938	240	273958	20.000	ng	# 0.00
86) Perylene-d12	25.363	264	297289	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	189026	108.016	ng	0.00
7) Phenol-d6	7.437	99	268938	100.070	ng	0.00
23) Nitrobenzene-d5	9.470	82	135141	57.379	ng	0.00
42) 2,4,6-Tribromophenol	16.391	330	155509	114.207	ng	0.00
45) 2-Fluorobiphenyl	13.536	172	482105	61.921	ng	0.00
79) Terphenyl-d14	20.216	244	1049096	68.587	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.612	88	29756	37.226	ng	# 88
3) Pyridine	4.035	79	76888	31.582	ng	# 90
4) n-Nitrosodimethylamine	3.947	42	18983	38.331	ng	99
6) Aniline	7.607	93	70162	19.908	ng	97
8) 2-Chlorophenol	7.854	128	86885	49.893	ng	94
9) Benzaldehyde	7.413	77	34976	21.888	ng	94
10) Phenol	7.466	94	122172	44.826	ng	97
11) bis(2-Chloroethyl)ether	7.695	93	70732	38.296	ng	99
12) 1,3-Dichlorobenzene	8.330	146	96715	45.633	ng	94
13) 1,4-Dichlorobenzene	8.330	146	96715	45.443	ng	97
14) 1,2-Dichlorobenzene	8.653	146	94543	46.038	ng	98
15) Benzyl Alcohol	8.530	79	76408	39.065	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.818	45	16106	49.346	ng	# 72
17) 2-Methylphenol	8.729	107	83631	41.818	ng	95
18) Hexachloroethane	9.388	117	29524	45.664	ng	96
19) n-Nitroso-di-n-propyla...	9.094	70	57483	35.174	ng	95
20) 3+4-Methylphenols	9.059	107	119450	42.483	ng	96
22) Acetophenone	9.123	105	133899	39.308	ng	# 98
24) Nitrobenzene	9.511	77	85453	36.612	ng	97
25) Isophorone	10.034	82	176330	35.583	ng	95
26) 2-Nitrophenol	10.228	139	54856	45.935	ng	93
27) 2,4-Dimethylphenol	10.275	122	99296	45.588	ng	96
28) bis(2-Chloroethoxy)met...	10.504	93	101366	39.357	ng	99
29) 2,4-Dichlorophenol	10.768	162	114053	47.363	ng	97
30) 1,2,4-Trichlorobenzene	10.980	180	113613	41.576	ng	99
31) Naphthalene	11.174	128	269845	42.560	ng	99
32) Benzoic acid	10.422	122	62729	38.815	ng	97
33) 4-Chloroaniline	11.279	127	61993	20.479	ng	98
34) Hexachlorobutadiene	11.450	225	77585	39.476	ng	97
35) Caprolactam	12.049	113	26573	32.593	ng	95
36) 4-Chloro-3-methylphenol	12.378	107	111267	45.536	ng	97
37) 2-Methylnaphthalene	12.760	142	215736	40.298	ng	99
38) 1-Methylnaphthalene	12.977	142	202047	40.642	ng	99
40) 1,2,4,5-Tetrachloroben...	13.118	216	159713	39.635	ng	99
41) Hexachlorocyclopentadiene	13.095	237	164898	71.777	ng	96
43) 2,4,6-Trichlorophenol	13.354	196	116894	43.870	ng	99

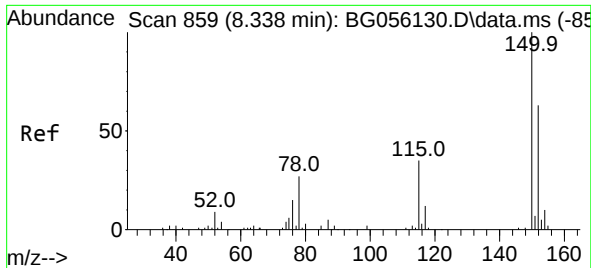
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.430	196	129436	41.065	ng	97
46) 1,1'-Biphenyl	13.747	154	326182	42.362	ng	98
47) 2-Chloronaphthalene	13.800	162	262427	43.180	ng	99
48) 2-Nitroaniline	13.994	65	56423	43.573	ng	90
49) Acenaphthylene	14.634	152	423516	42.822	ng	98
50) Dimethylphthalate	14.346	163	365703	42.136	ng	99
51) 2,6-Dinitrotoluene	14.476	165	82173	44.433	ng	89
52) Acenaphthene	14.975	154	252182	39.204	ng	99
53) 3-Nitroaniline	14.811	138	43057	24.463	ng	93
54) 2,4-Dinitrophenol	15.016	184	116807	88.411	ng	# 96
55) Dibenzofuran	15.304	168	446527	41.949	ng	97
56) 4-Nitrophenol	15.116	139	126456	93.418	ng	85
57) 2,4-Dinitrotoluene	15.263	165	119565	46.229	ng	# 87
58) Fluorene	15.950	166	368824	43.079	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.527	232	131379	44.392	ng	96
60) Diethylphthalate	15.698	149	347180	42.654	ng	99
61) 4-Chlorophenyl-phenyle...	15.933	204	221246	41.409	ng	99
62) 4-Nitroaniline	15.968	138	76208	42.269	ng	93
63) Azobenzene	16.227	77	254957	40.591	ng	97
65) 4,6-Dinitro-2-methylph...	16.027	198	83586	42.339	ng	95
66) n-Nitrosodiphenylamine	16.144	169	342738	42.157	ng	98
67) 4-Bromophenyl-phenylether	16.826	248	155857	41.770	ng	99
68) Hexachlorobenzene	16.955	284	160696	46.160	ng	96
69) Atrazine	17.079	200	151504	44.965	ng	98
70) Pentachlorophenol	17.296	266	195178	72.986	ng	99
71) Phenanthrene	17.690	178	649306	42.759	ng	98
72) Anthracene	17.778	178	662502	42.293	ng	99
73) Carbazole	18.042	167	574166	43.606	ng	98
74) Di-n-butylphthalate	18.571	149	588842	44.861	ng	99
75) Fluoranthene	19.681	202	809160	40.850	ng	99
77) Benzidine	19.846	184	231546	24.118	ng	99
78) Pyrene	20.040	202	819190	42.424	ng	99
80) Butylbenzylphthalate	20.898	149	243054	43.874	ng	95
81) Benzo(a)anthracene	21.914	228	803896	41.778	ng	98
82) 3,3'-Dichlorobenzidine	21.814	252	155744	22.484	ng	99
83) Chrysene	21.985	228	751296	41.683	ng	100
84) Bis(2-ethylhexyl)phtha...	21.773	149	342478	42.910	ng	98
85) Di-n-octyl phthalate	23.048	149	581525	43.160	ng	100
87) Indeno(1,2,3-cd)pyrene	29.323	276	941583	43.550	ng	# 97
88) Benzo(b)fluoranthene	24.270	252	839152	44.426	ng	99
89) Benzo(k)fluoranthene	24.341	252	806244	42.864	ng	100
90) Benzo(a)pyrene	25.204	252	733119	39.793	ng	# 98
91) Dibenzo(a,h)anthracene	29.376	278	799893	44.128	ng	99
92) Benzo(g,h,i)perylene	30.563	276	761846	43.340	ng	98

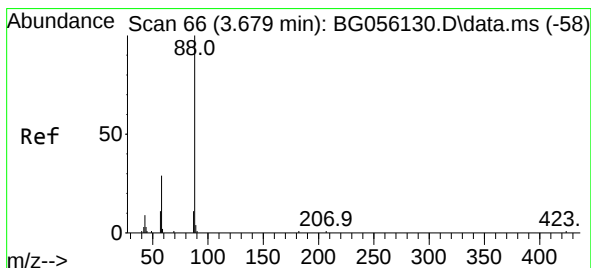
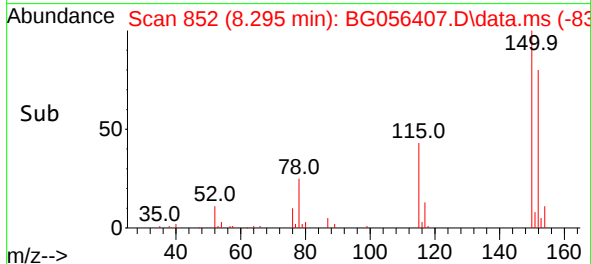
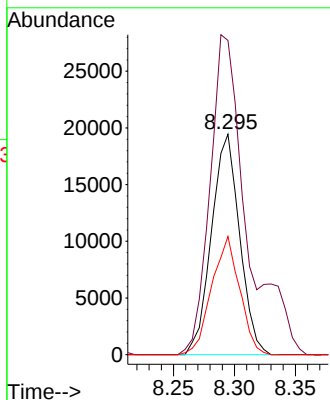
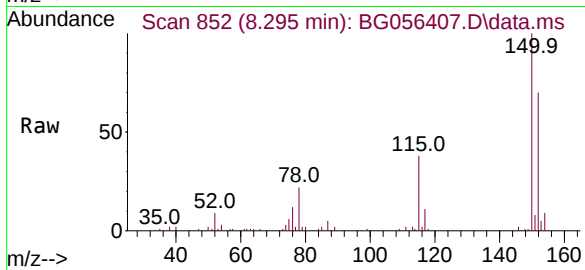
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.295 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG056407.D
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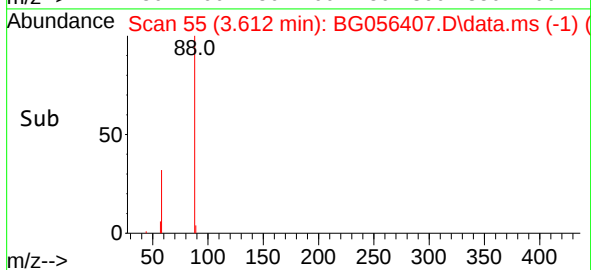
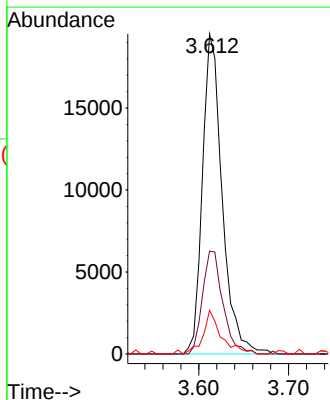
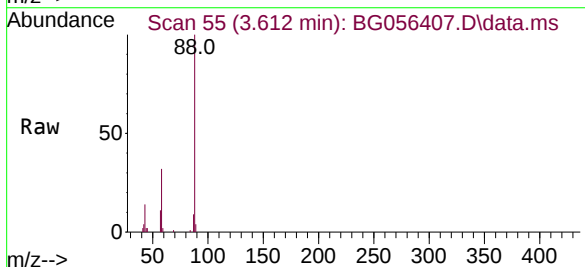
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

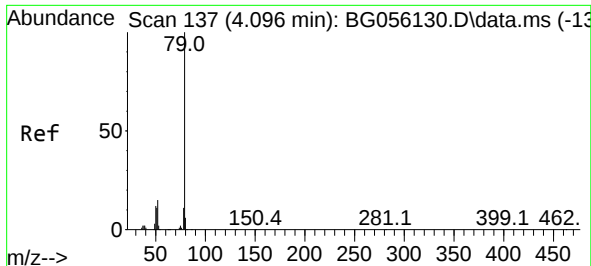
Tgt Ion:152 Resp: 31246
Ion Ratio Lower Upper
152 100
150 142.5 127.9 191.9
115 53.6 44.2 66.2



#2
1,4-Dioxane
Concen: 37.226 ng
RT: 3.612 min Scan# 55
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion: 88 Resp: 29756
Ion Ratio Lower Upper
88 100
58 33.2 21.4 32.0#
43 12.8 7.1 10.7#

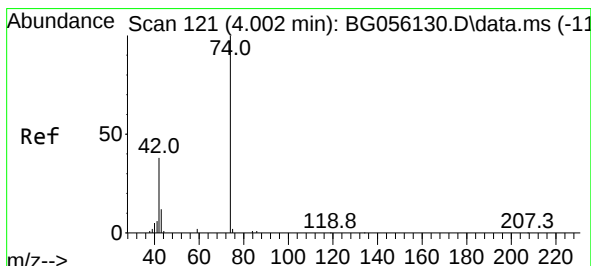
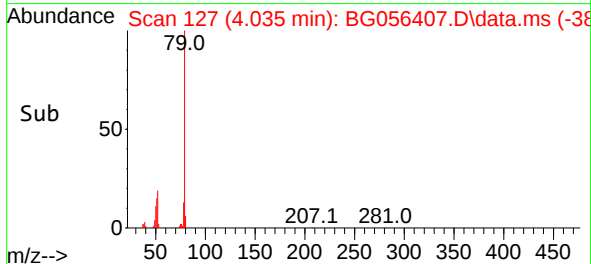
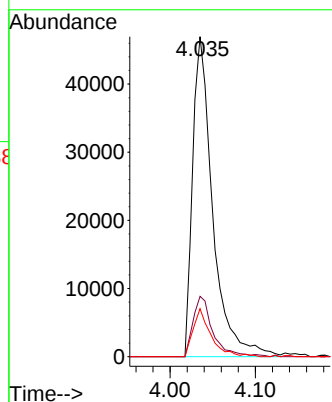
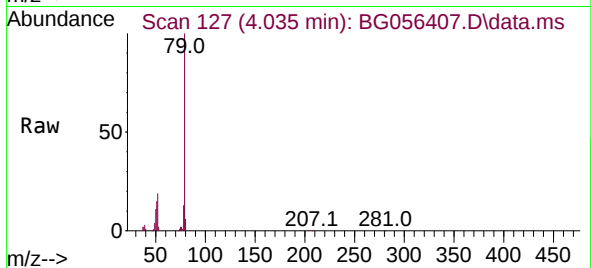




#3
 Pyridine
 Concen: 31.582 ng
 RT: 4.035 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

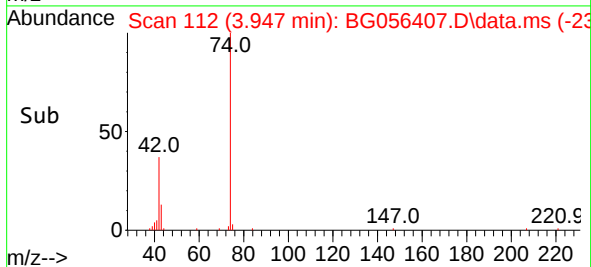
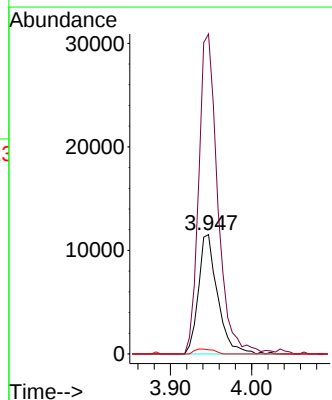
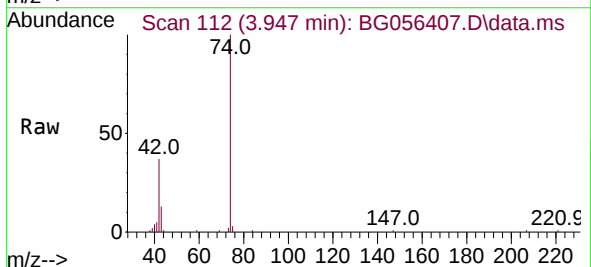
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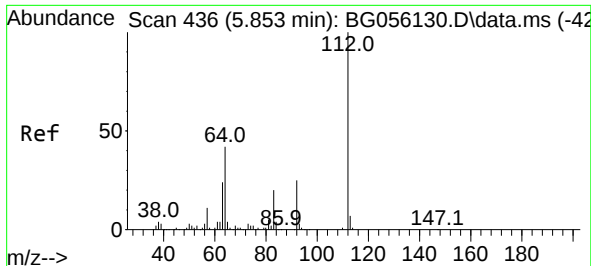
Tgt Ion: 79 Resp: 76888
 Ion Ratio Lower Upper
 79 100
 52 18.8 11.8 17.6#
 51 15.0 8.8 13.2#



#4
 n-Nitrosodimethylamine
 Concen: 38.331 ng
 RT: 3.947 min Scan# 112
 Delta R.T. -0.004 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

Tgt Ion: 42 Resp: 18983
 Ion Ratio Lower Upper
 42 100
 74 268.0 212.6 319.0
 44 3.4 2.6 3.8

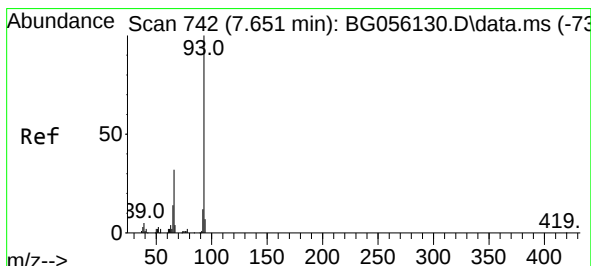
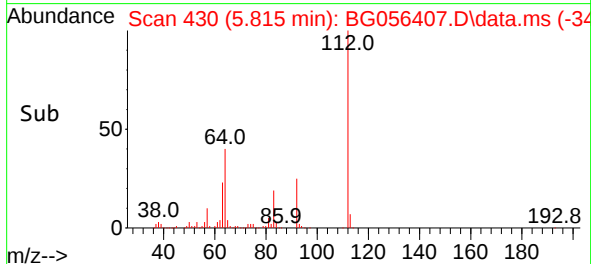
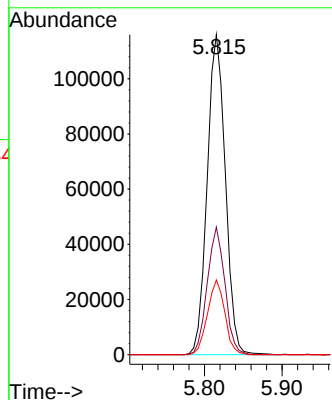
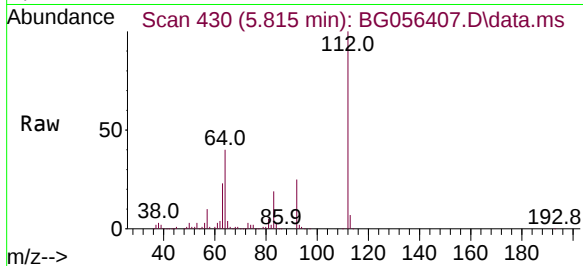




#5
2-Fluorophenol
Concen: 108.016 ng
RT: 5.815 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

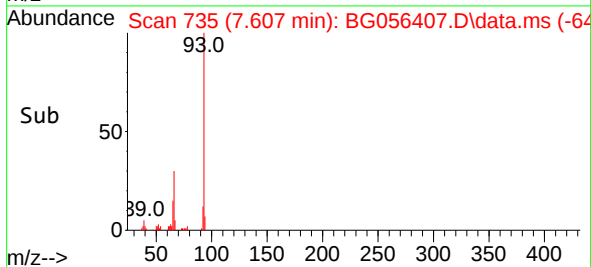
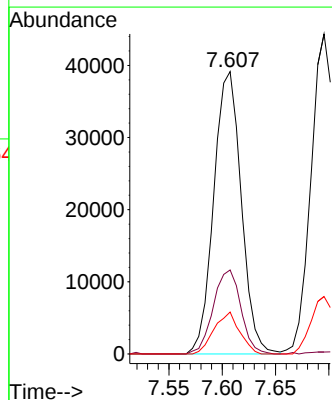
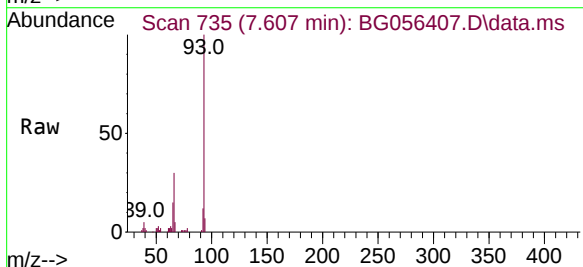
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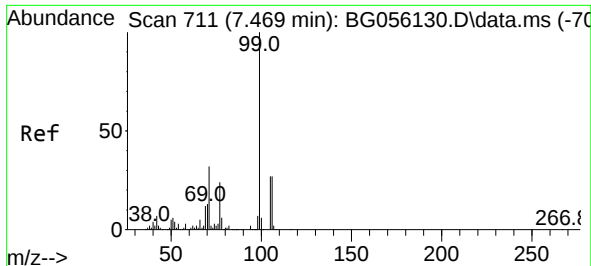
Tgt Ion:112 Resp: 189026
Ion Ratio Lower Upper
112 100
64 39.8 33.3 49.9
63 23.4 19.0 28.4



#6
Aniline
Concen: 19.908 ng
RT: 7.607 min Scan# 735
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion: 93 Resp: 70162
Ion Ratio Lower Upper
93 100
66 29.8 25.4 38.2
65 14.8 11.4 17.2

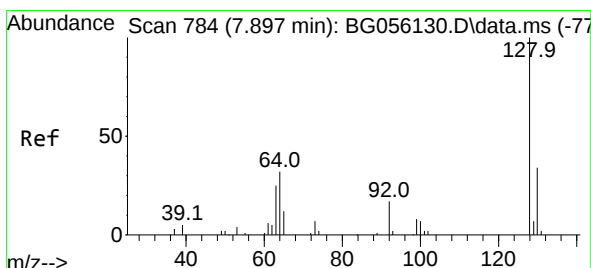
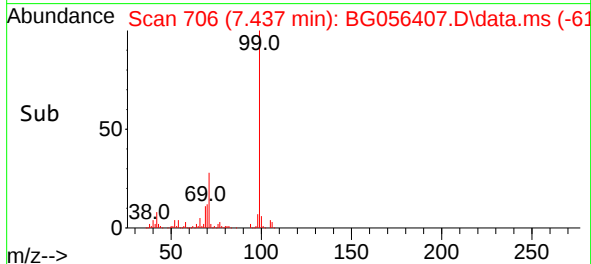
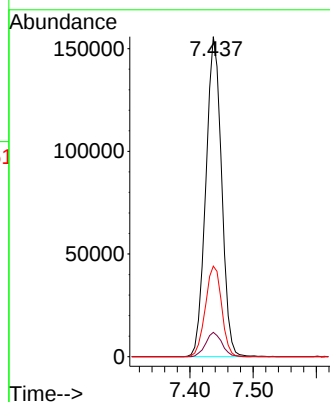
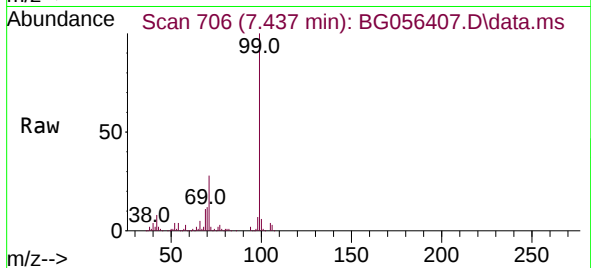




#7
Phenol-d6
Concen: 100.070 ng
RT: 7.437 min Scan# 706
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

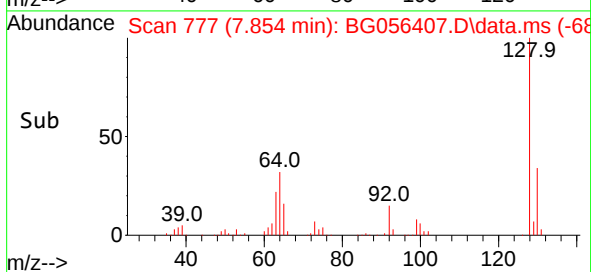
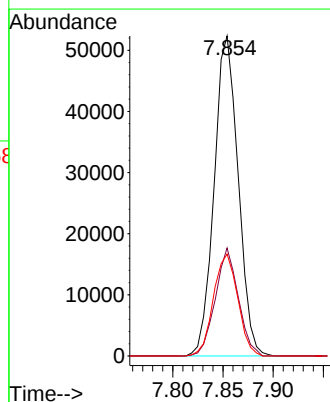
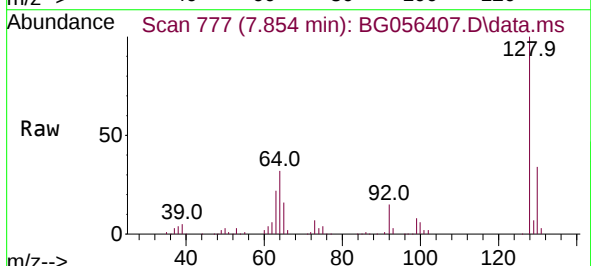
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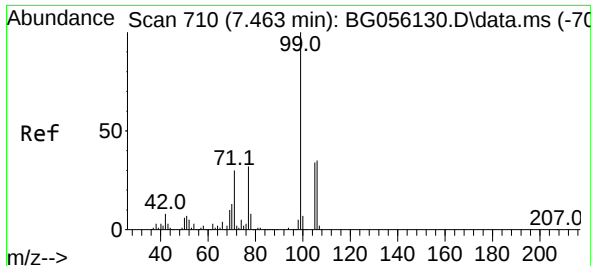
Tgt Ion: 99 Resp: 268938
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 28.3 25.4 38.2



#8
2-Chlorophenol
Concen: 49.893 ng
RT: 7.854 min Scan# 777
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion: 128 Resp: 86885
Ion Ratio Lower Upper
128 100
130 33.8 13.5 53.5
64 31.9 18.0 58.0

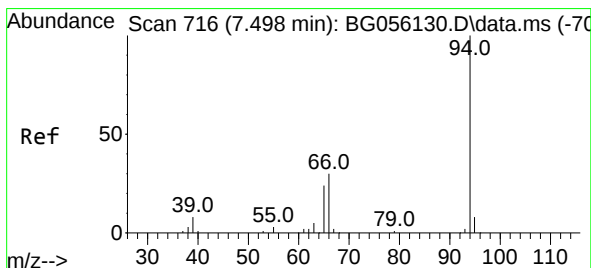
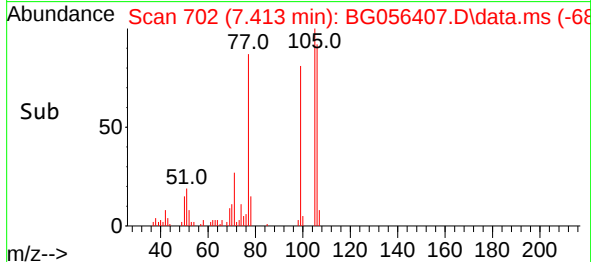
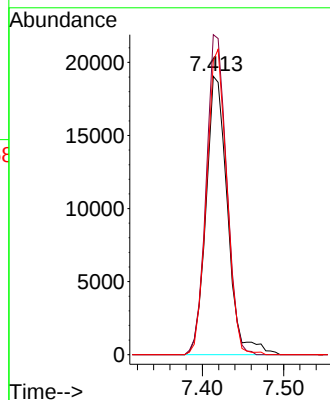
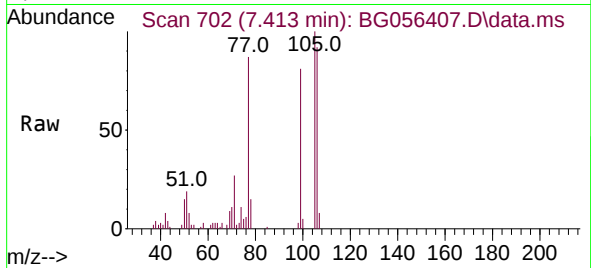




#9
Benzaldehyde
Concen: 21.888 ng
RT: 7.413 min Scan# 702
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

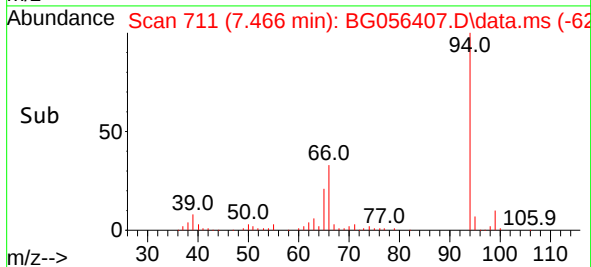
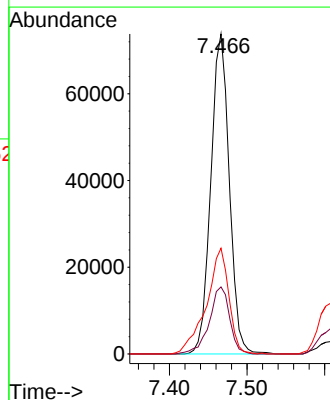
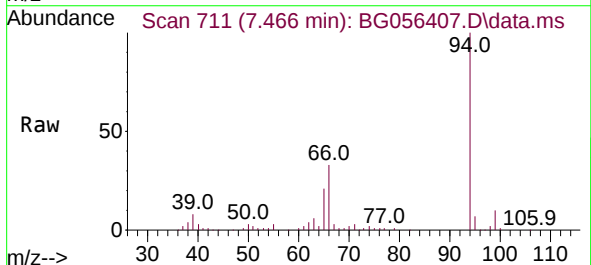
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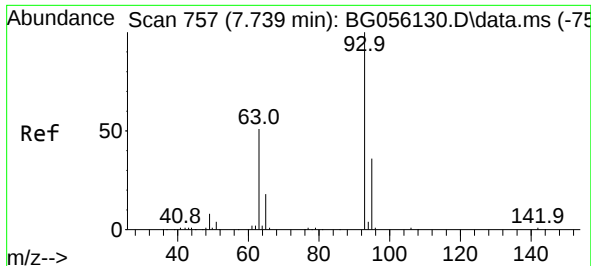
Tgt Ion: 77 Resp: 34976
Ion Ratio Lower Upper
77 100
105 115.0 86.8 126.8
106 105.6 89.3 129.3



#10
Phenol
Concen: 44.826 ng
RT: 7.466 min Scan# 711
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion: 94 Resp: 122172
Ion Ratio Lower Upper
94 100
65 20.9 4.3 44.3
66 33.0 13.2 53.2

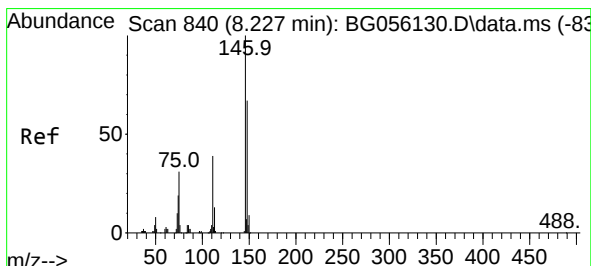
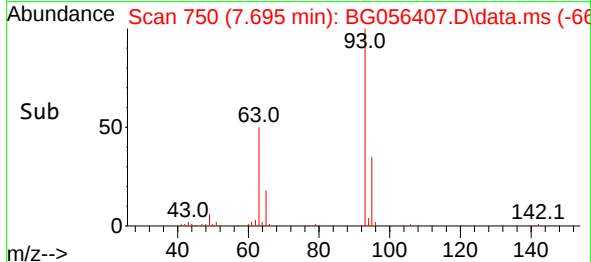
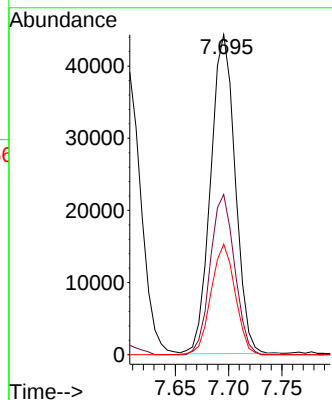
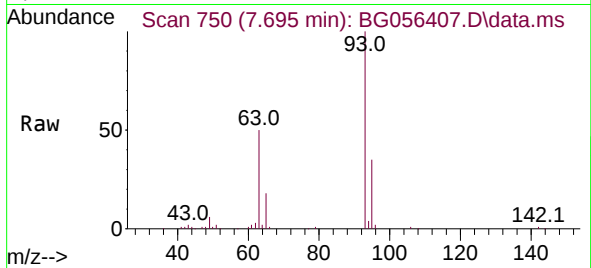




#11
bis(2-Chloroethyl)ether
Concen: 38.296 ng
RT: 7.695 min Scan# 70
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

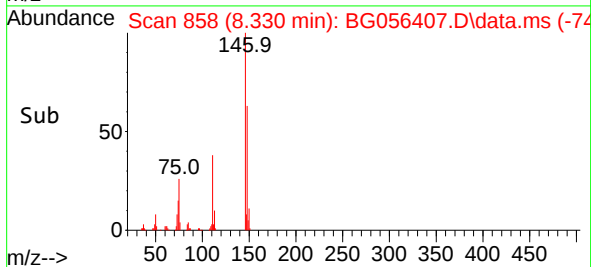
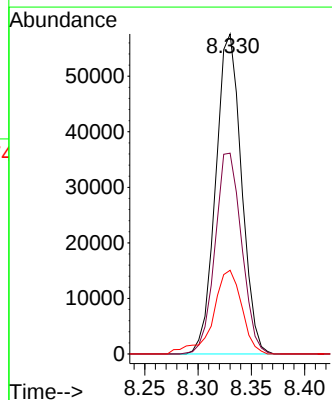
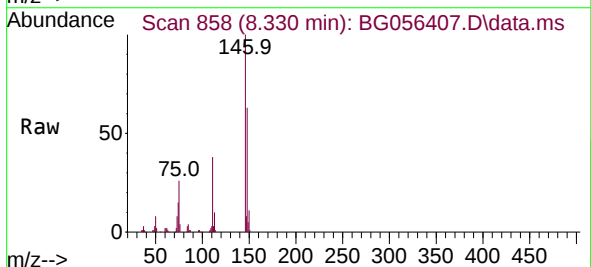
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

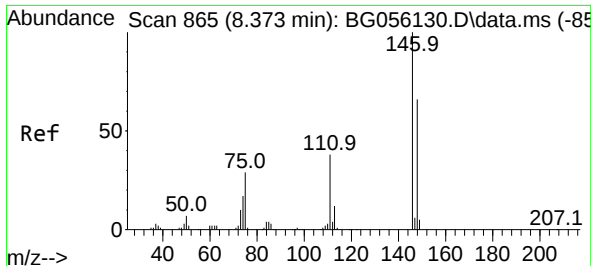
Tgt Ion: 93 Resp: 70732
Ion Ratio Lower Upper
93 100
63 50.1 30.5 70.5
95 34.6 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 45.633 ng
RT: 8.330 min Scan# 858
Delta R.T. 0.148 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion: 146 Resp: 96715
Ion Ratio Lower Upper
146 100
148 62.7 53.5 80.3
75 26.2 24.8 37.2

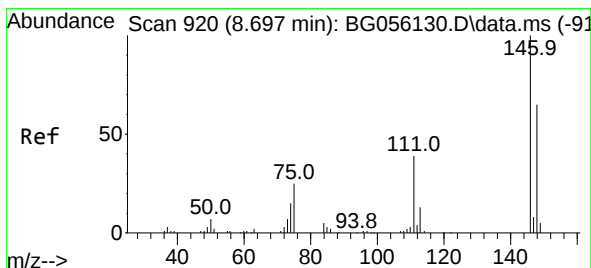
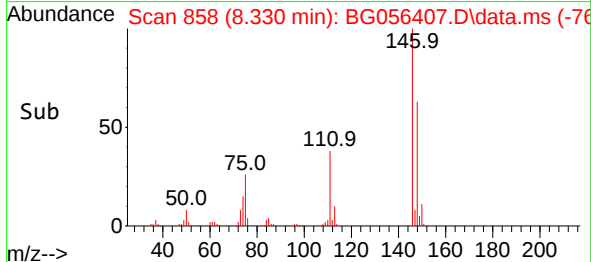
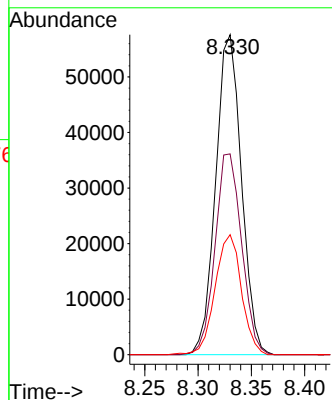
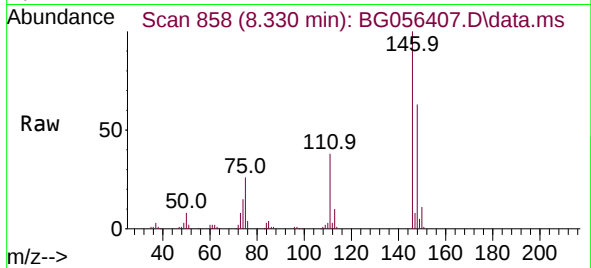




#13
1,4-Dichlorobenzene
Concen: 45.443 ng
RT: 8.330 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

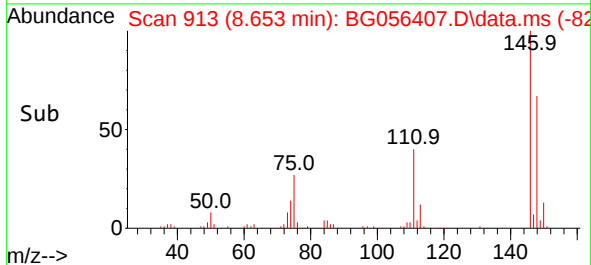
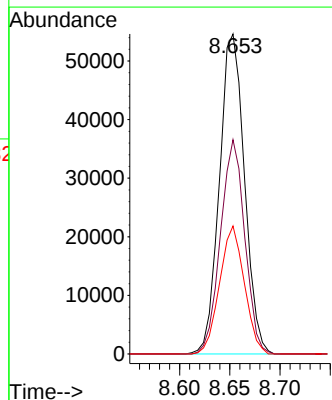
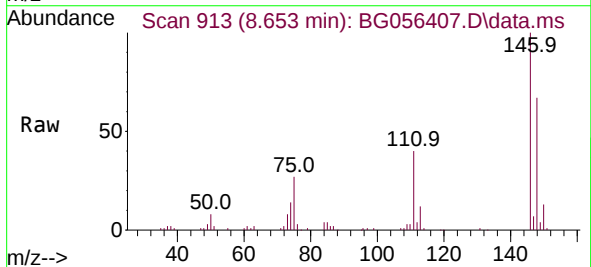
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

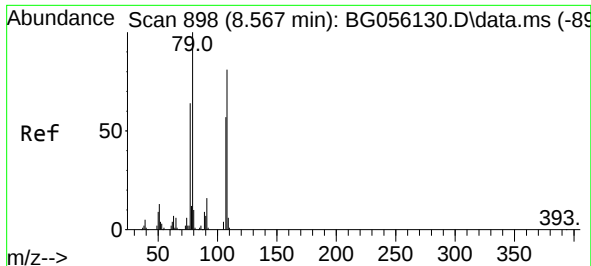
Tgt Ion:146 Resp: 96715
Ion Ratio Lower Upper
146 100
148 62.7 52.8 79.2
111 37.5 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 46.038 ng
RT: 8.653 min Scan# 913
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:146 Resp: 94543
Ion Ratio Lower Upper
146 100
148 67.0 51.7 77.5
111 40.0 31.5 47.3

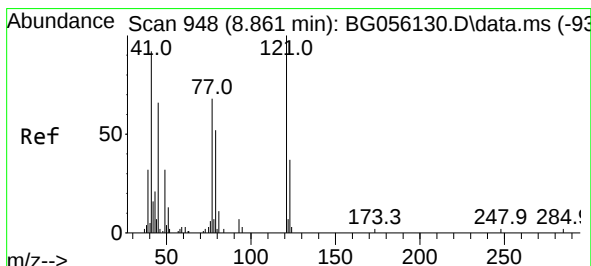
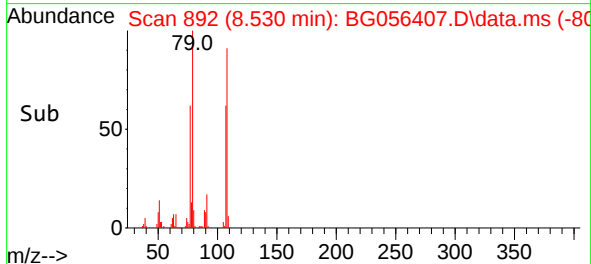
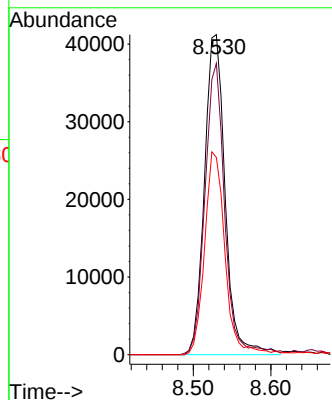
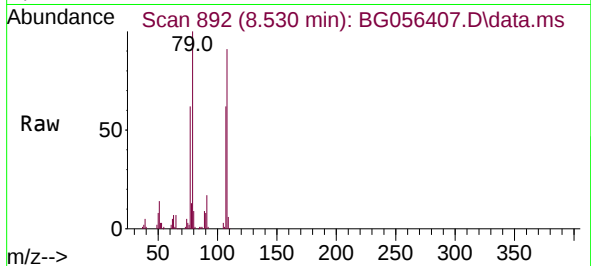




#15
Benzyl Alcohol
Concen: 39.065 ng
RT: 8.530 min Scan# 898
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

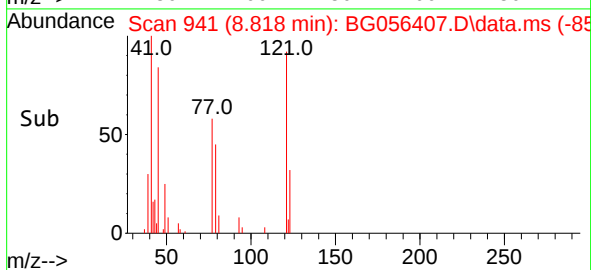
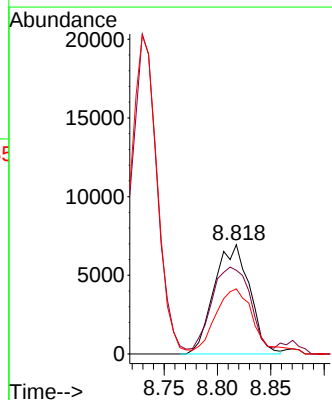
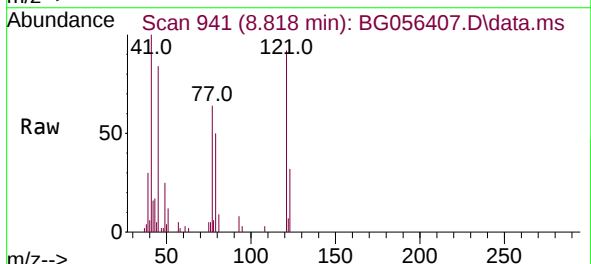
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

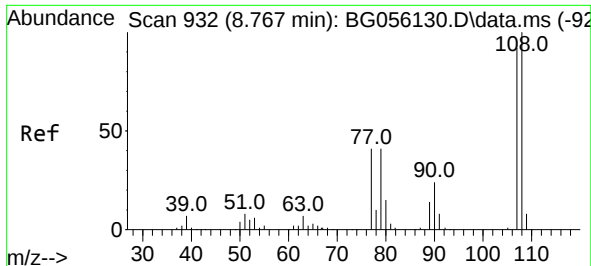
Tgt Ion: 79 Resp: 76408
Ion Ratio Lower Upper
79 100
108 91.0 64.7 97.1
77 61.7 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.346 ng
RT: 8.818 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion: 45 Resp: 16106
Ion Ratio Lower Upper
45 100
77 76.6 88.2 128.2#
79 59.5 61.2 101.2#

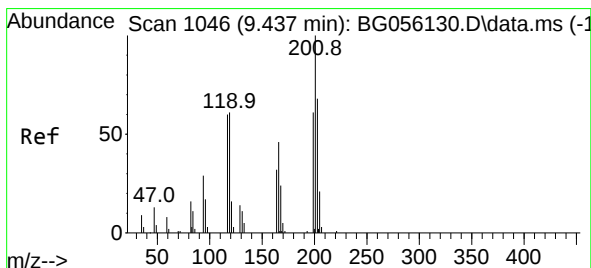
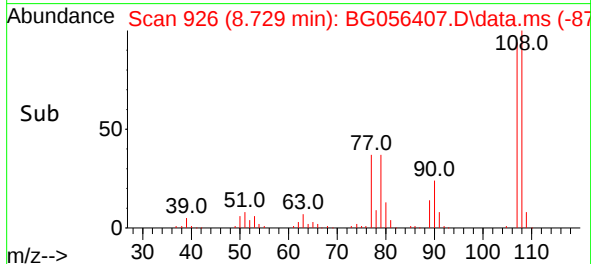
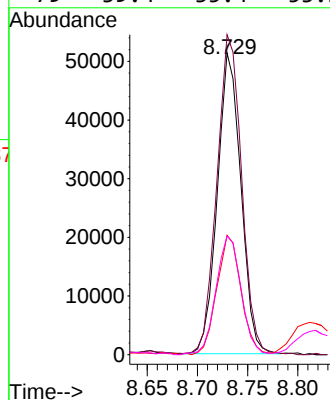
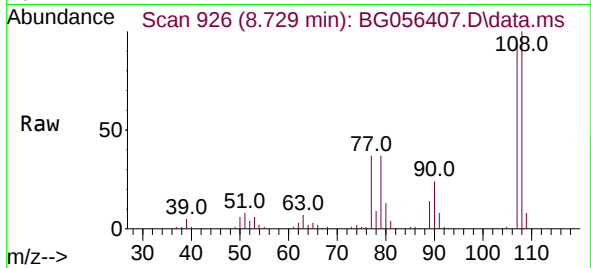




#17
2-Methylphenol
Concen: 41.818 ng
RT: 8.729 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

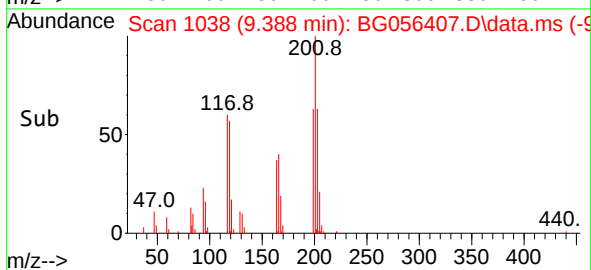
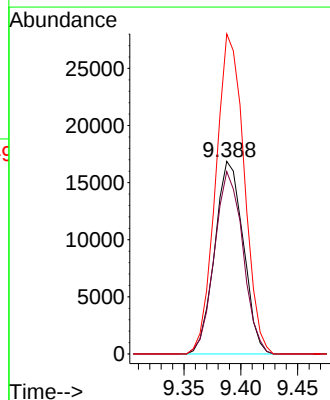
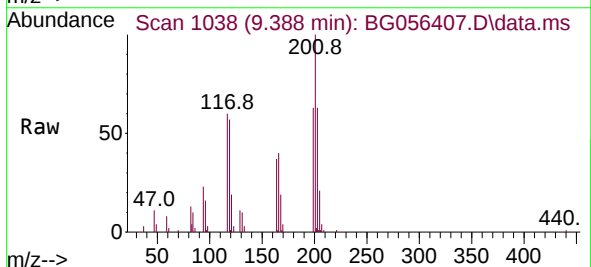
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

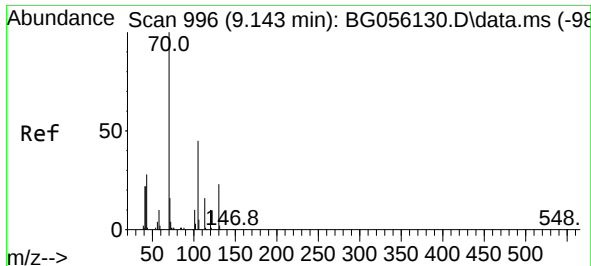
Tgt Ion:	107	Resp:	83631
Ion Ratio	Lower	Upper	
107	100		
108	106.0	86.6	129.8
77	39.5	35.4	53.2
79	39.4	35.4	53.2



#18
Hexachloroethane
Concen: 45.664 ng
RT: 9.388 min Scan# 1038
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:	117	Resp:	29524
Ion Ratio	Lower	Upper	
117	100		
119	94.7	81.8	122.6
201	166.1	134.2	201.2

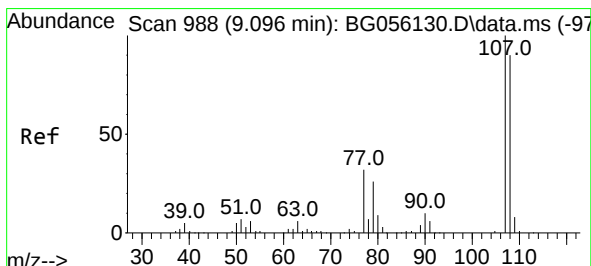
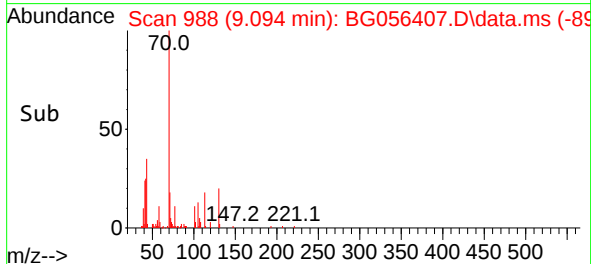
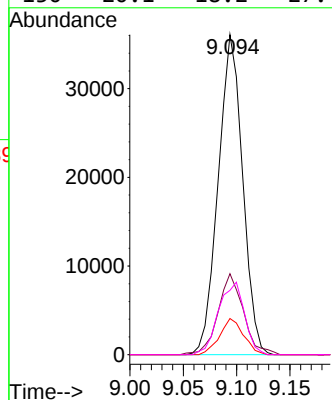
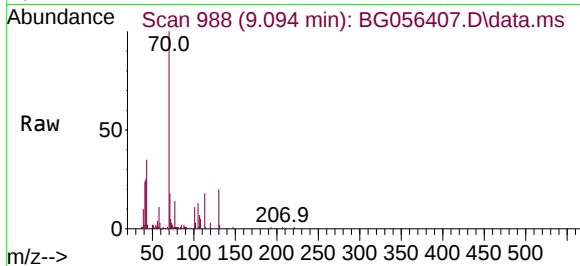




#19
n-Nitroso-di-n-propylamine
Concen: 35.174 ng
RT: 9.094 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

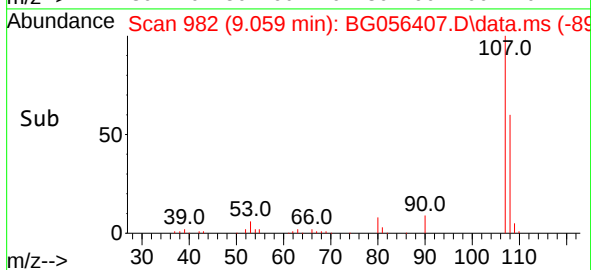
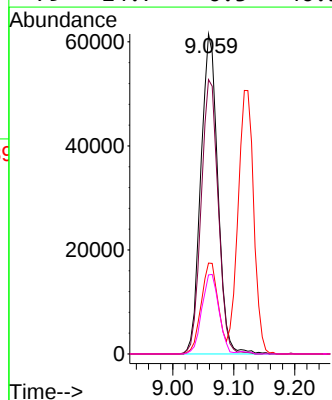
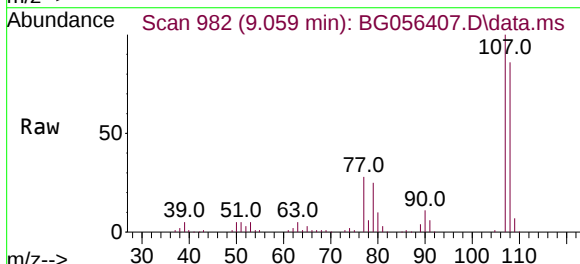
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

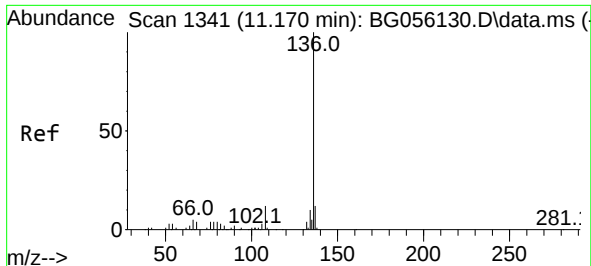
Tgt Ion:	70	Resp:	57483
Ion	Ratio	Lower	Upper
70	100		
42	25.3	18.2	27.2
101	11.3	8.3	12.5
130	20.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.483 ng
RT: 9.059 min Scan# 982
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:	107	Resp:	119450
Ion	Ratio	Lower	Upper
107	100		
108	85.8	69.6	109.6
77	28.4	11.7	51.7
79	24.7	6.3	46.3

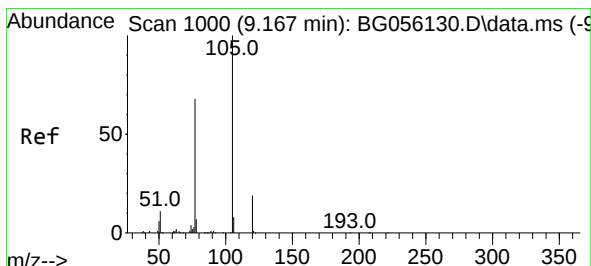
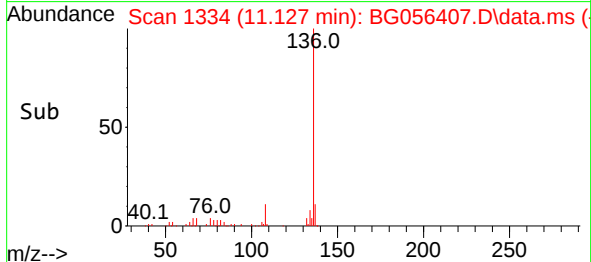
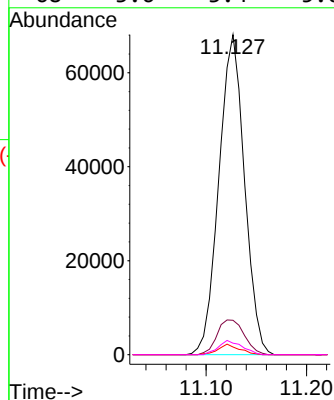
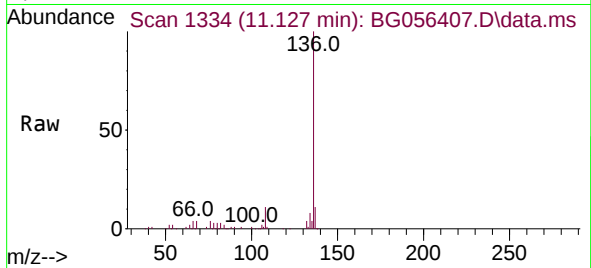




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.127 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

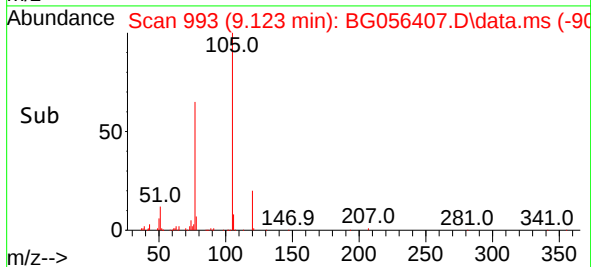
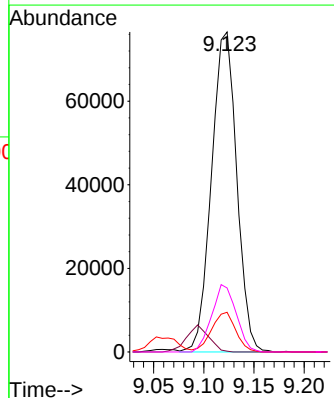
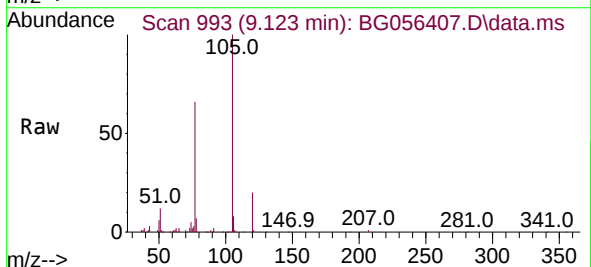
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

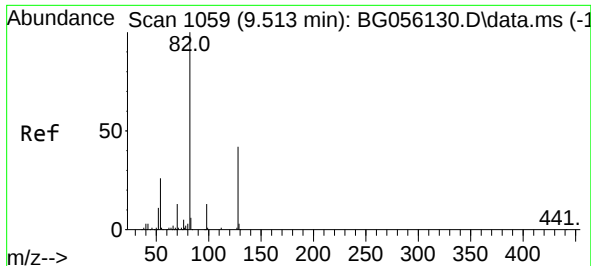
Tgt Ion:136 Resp: 120473
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 2.4 2.2 3.2
68 3.6 3.4 5.0



#22
Acetophenone
Concen: 39.308 ng
RT: 9.123 min Scan# 993
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:105 Resp: 133899
Ion Ratio Lower Upper
105 100
71 0.2 0.5 0.7#
51 12.4 9.3 13.9
120 20.0 15.5 23.3





#23

Nitrobenzene-d5

Concen: 57.379 ng

RT: 9.470 min Scan# 1052

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

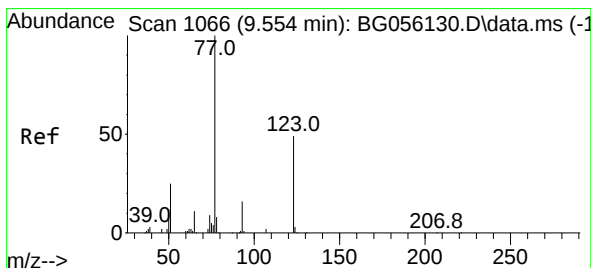
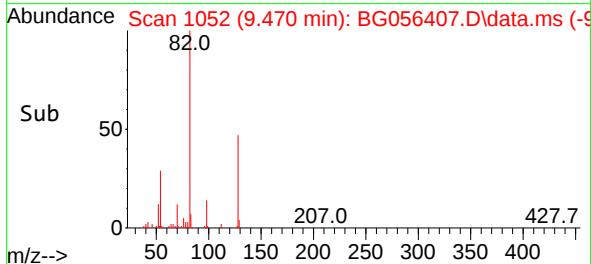
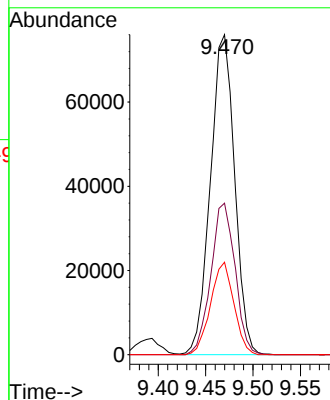
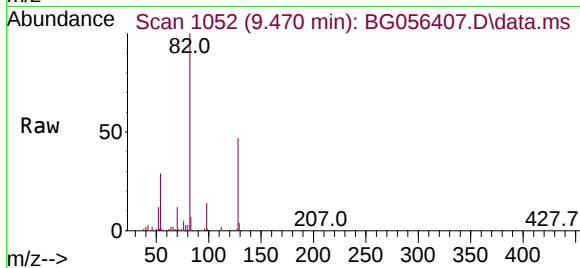
Tgt Ion: 82 Resp: 135141

Ion Ratio Lower Upper

82 100

128 47.4 33.4 50.2

54 28.9 20.3 30.5



#24

Nitrobenzene

Concen: 36.612 ng

RT: 9.511 min Scan# 1059

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

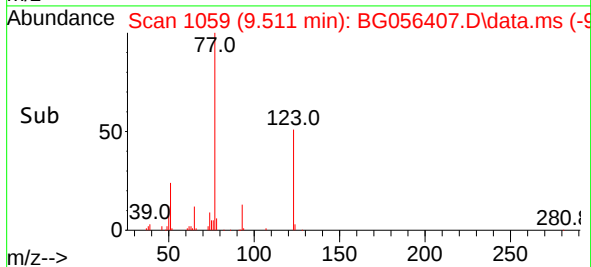
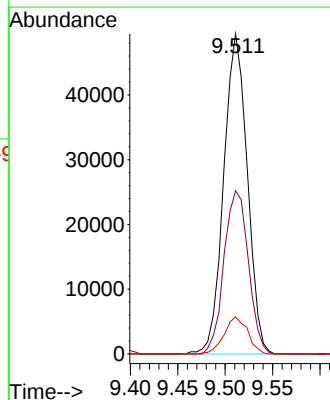
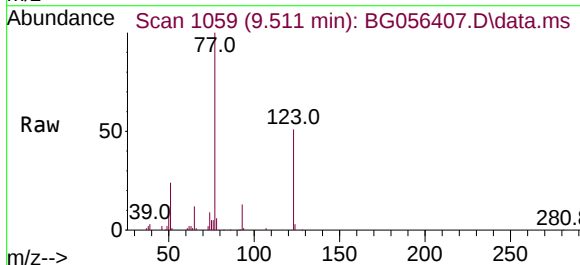
Tgt Ion: 77 Resp: 85453

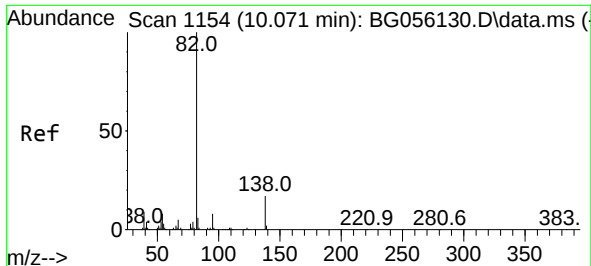
Ion Ratio Lower Upper

77 100

123 51.0 38.8 58.2

65 11.6 9.1 13.7

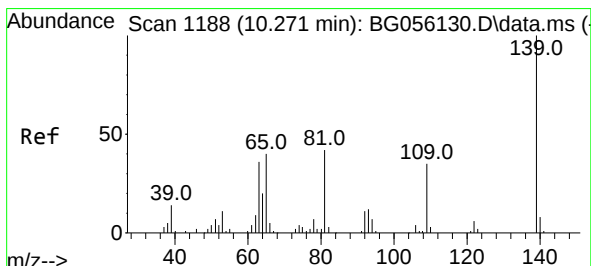
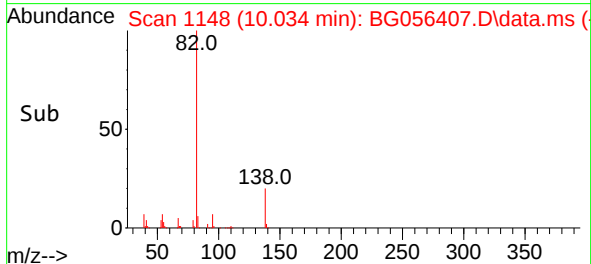
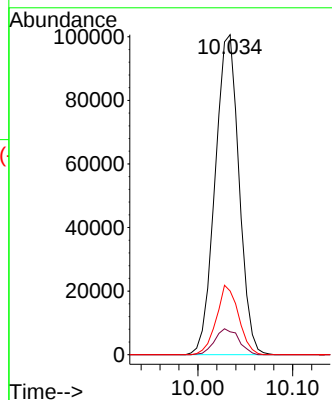
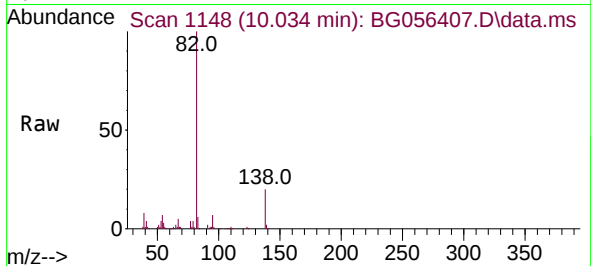




#25
Isophorone
Concen: 35.583 ng
RT: 10.034 min Scan# 1154
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

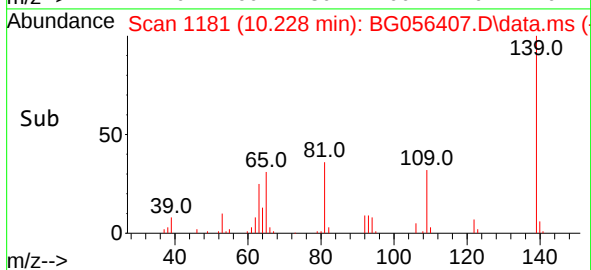
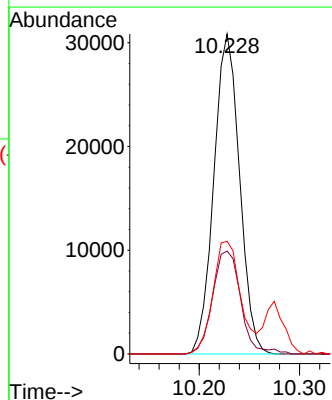
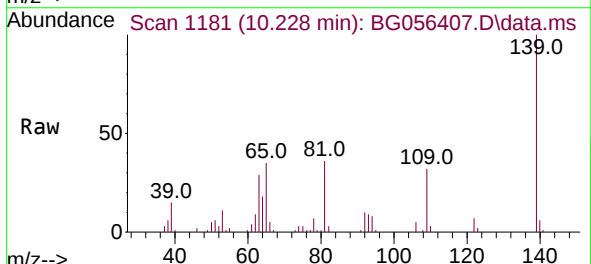
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

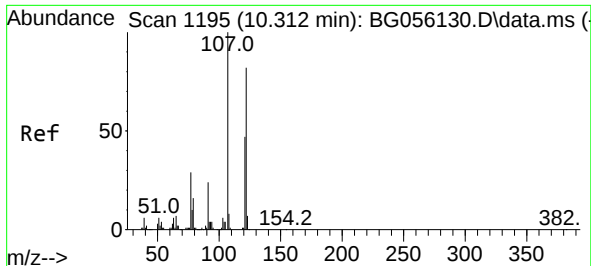
Tgt Ion: 82 Resp: 176330
Ion Ratio Lower Upper
82 100
95 7.2 6.7 10.1
138 19.9 13.7 20.5



#26
2-Nitrophenol
Concen: 45.935 ng
RT: 10.228 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:139 Resp: 54856
Ion Ratio Lower Upper
139 100
109 32.1 28.4 42.6
65 35.2 32.1 48.1

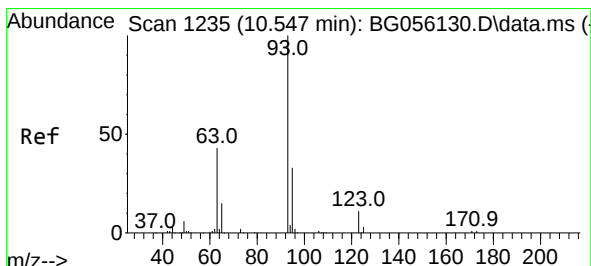
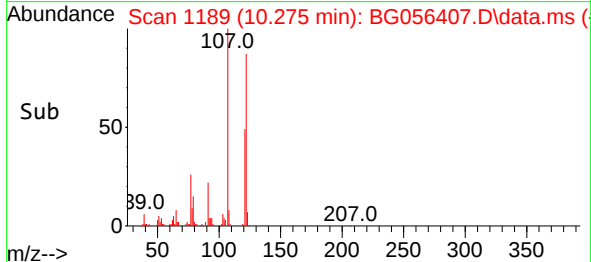
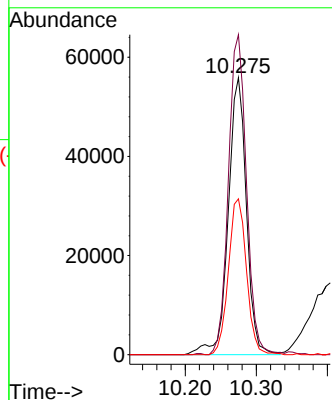
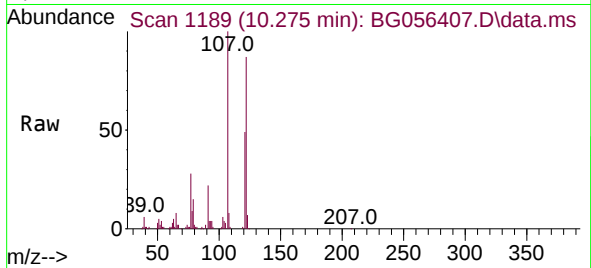




#27
2,4-Dimethylphenol
Concen: 45.588 ng
RT: 10.275 min Scan# 1195
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

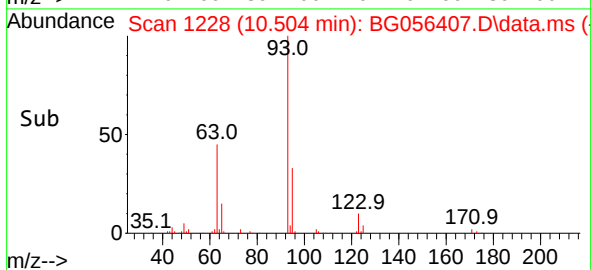
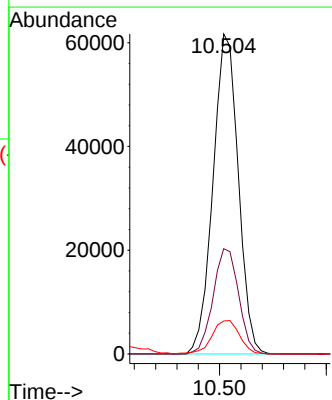
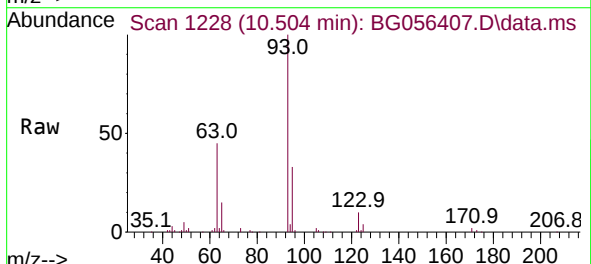
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

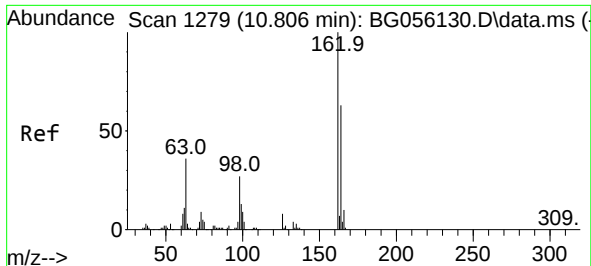
Tgt Ion:122 Resp: 99296
Ion Ratio Lower Upper
122 100
107 115.6 97.5 146.3
121 56.3 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.357 ng
RT: 10.504 min Scan# 1228
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion: 93 Resp: 101366
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.2
123 10.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 47.363 ng

RT: 10.768 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

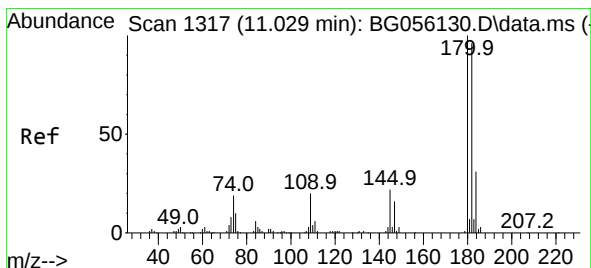
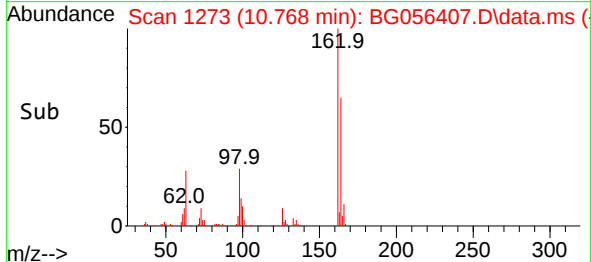
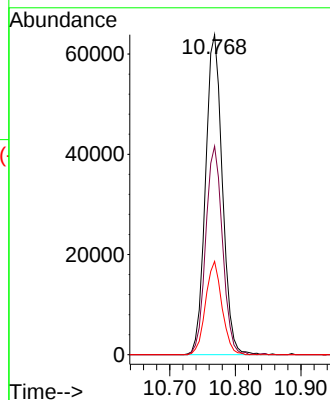
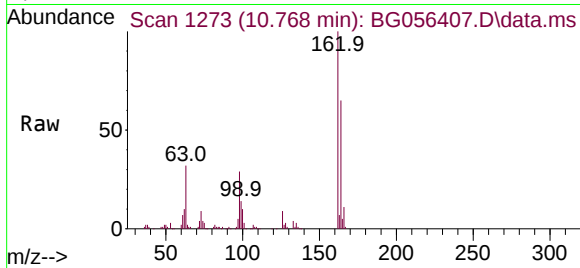
Tgt Ion:162 Resp: 114053

Ion Ratio Lower Upper

162 100

164 65.1 43.3 83.3

98 29.1 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 41.576 ng

RT: 10.980 min Scan# 1309

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

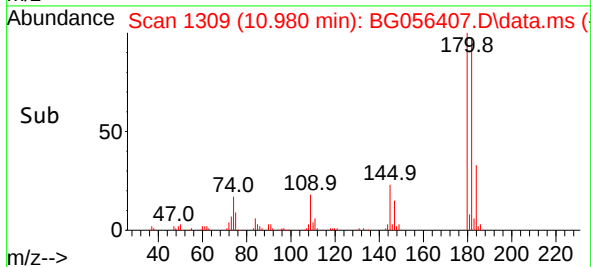
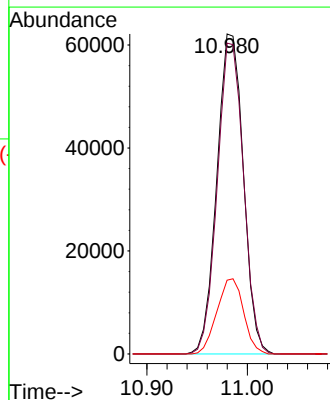
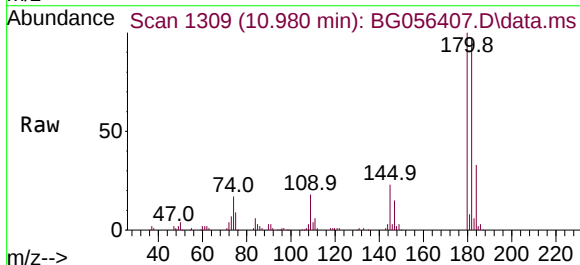
Tgt Ion:180 Resp: 113613

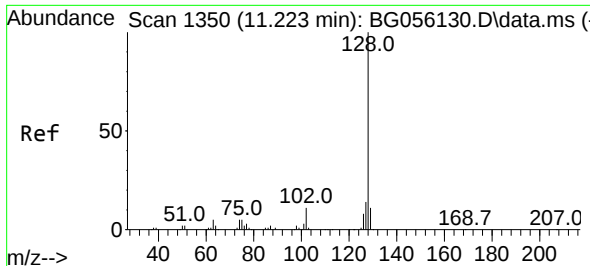
Ion Ratio Lower Upper

180 100

182 97.2 77.0 115.4

145 23.1 17.4 26.2

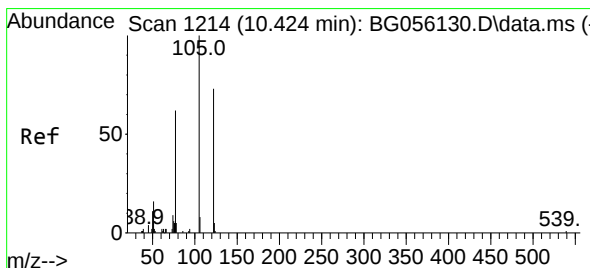
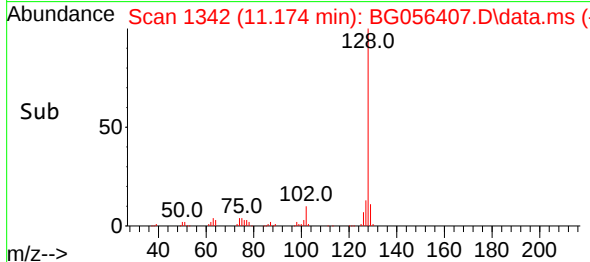
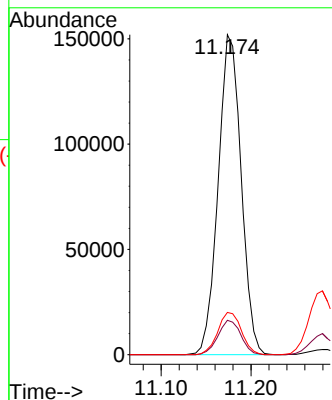
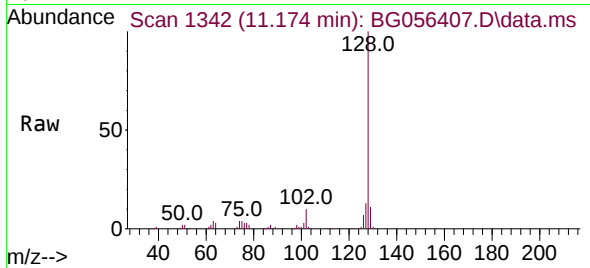




#31
Naphthalene
Concen: 42.560 ng
RT: 11.174 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

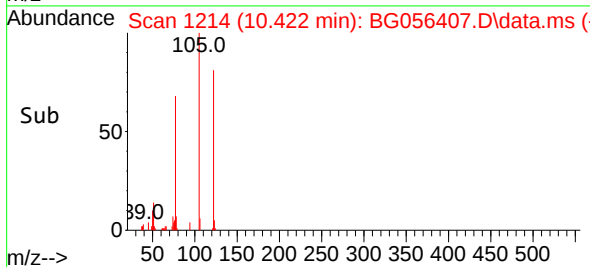
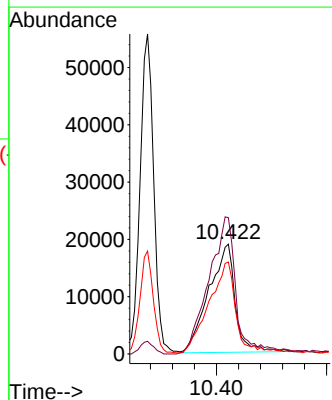
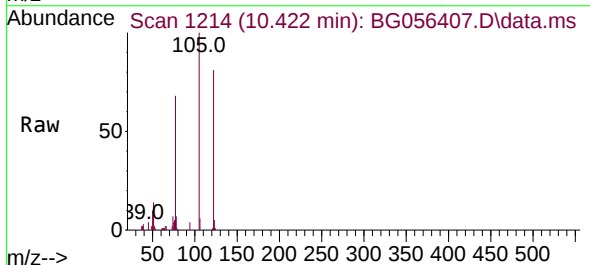
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

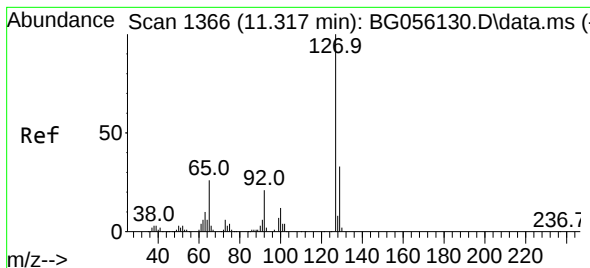
Tgt Ion:128 Resp: 269845
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.2 11.2 16.8



#32
Benzoic acid
Concen: 38.815 ng
RT: 10.422 min Scan# 1214
Delta R.T. 0.013 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:122 Resp: 62729
Ion Ratio Lower Upper
122 100
105 124.1 109.0 149.0
77 83.8 63.1 103.1





#33

4-Chloroaniline

Concen: 20.479 ng

RT: 11.279 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

Tgt Ion:127 Resp: 61993

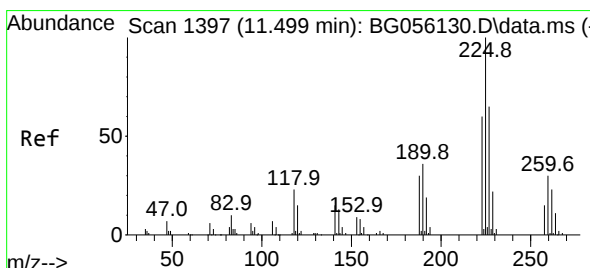
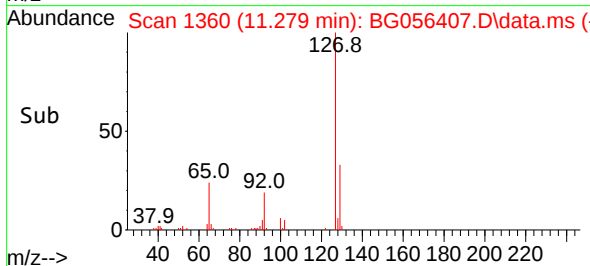
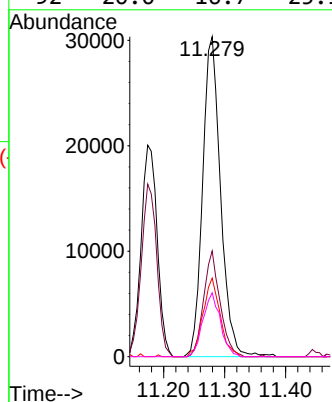
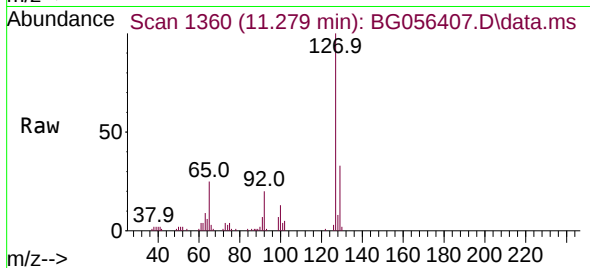
Ion Ratio Lower Upper

127 100

129 33.1 26.1 39.1

65 24.5 20.9 31.3

92 20.0 16.7 25.1



#34

Hexachlorobutadiene

Concen: 39.476 ng

RT: 11.450 min Scan# 1389

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

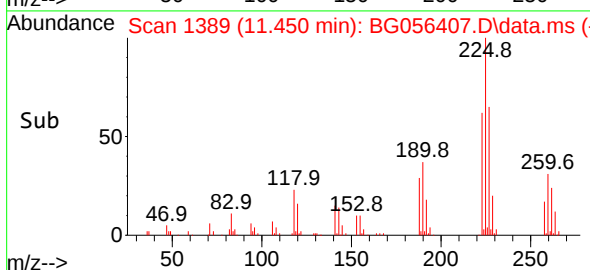
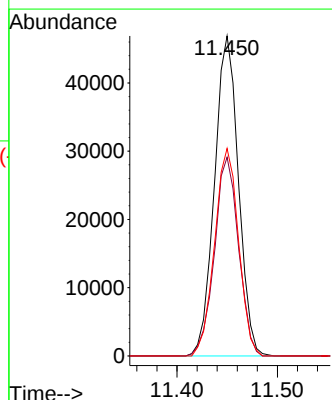
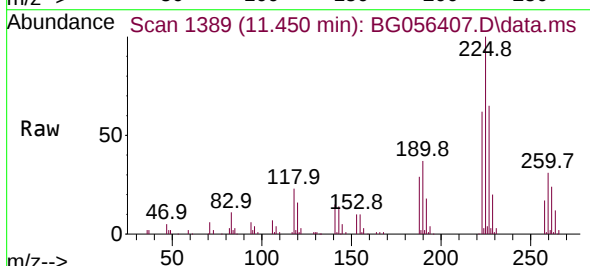
Tgt Ion:225 Resp: 77585

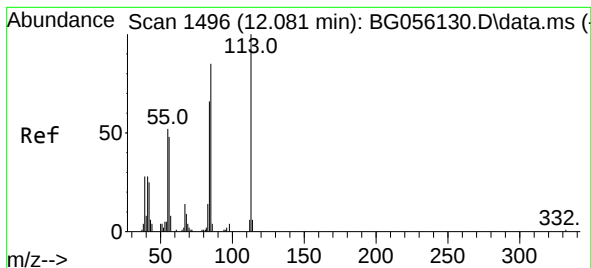
Ion Ratio Lower Upper

225 100

223 62.1 47.7 71.5

227 67.6 52.3 78.5





#35

Caprolactam

Concen: 32.593 ng

RT: 12.049 min Scan# 1496

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

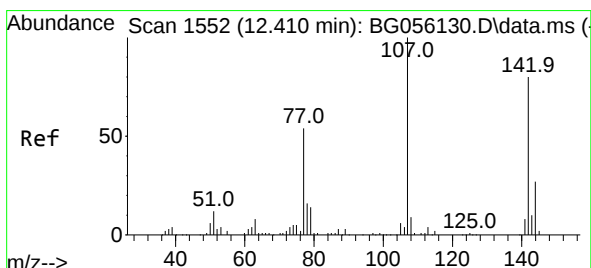
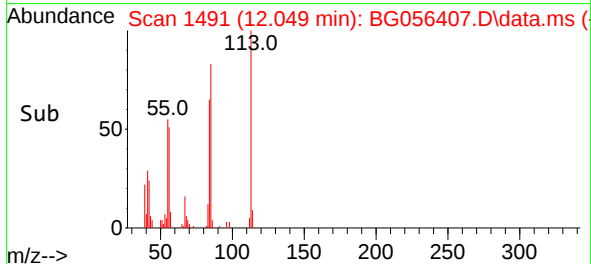
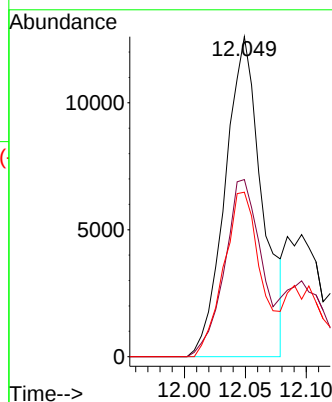
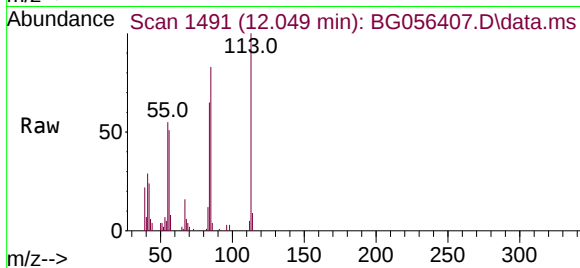
Tgt Ion:113 Resp: 26573

Ion Ratio Lower Upper

113 100

55 55.4 31.9 71.9

56 51.4 27.6 67.6



#36

4-Chloro-3-methylphenol

Concen: 45.536 ng

RT: 12.378 min Scan# 1547

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

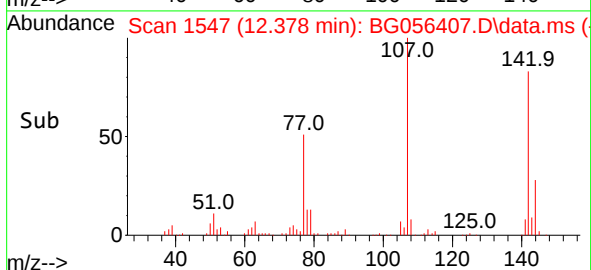
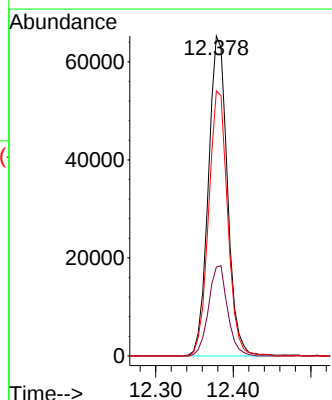
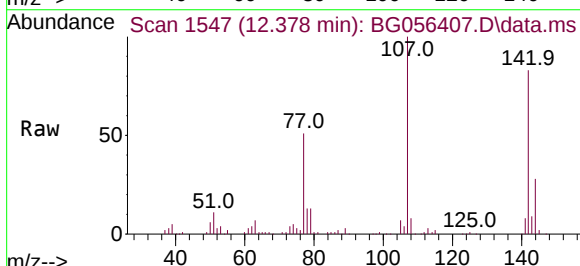
Tgt Ion:107 Resp: 111267

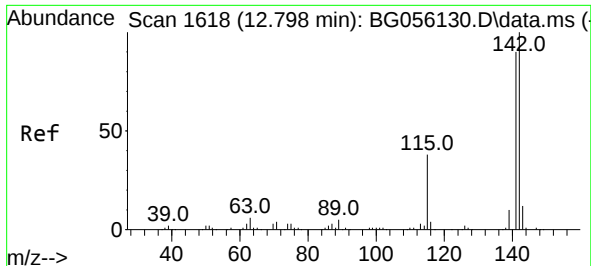
Ion Ratio Lower Upper

107 100

144 27.8 21.5 32.3

142 82.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 40.298 ng

RT: 12.760 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

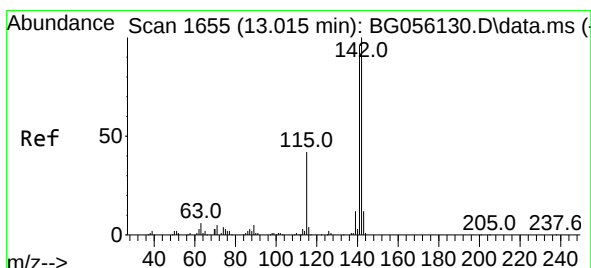
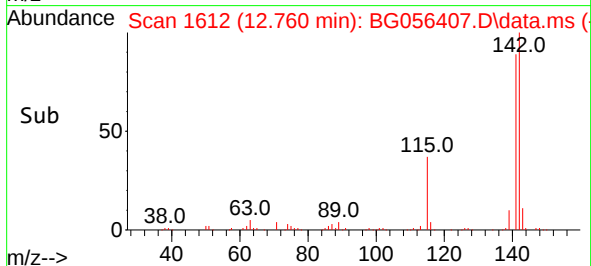
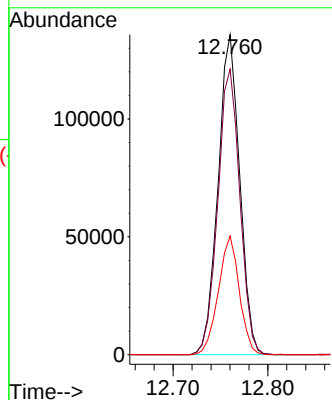
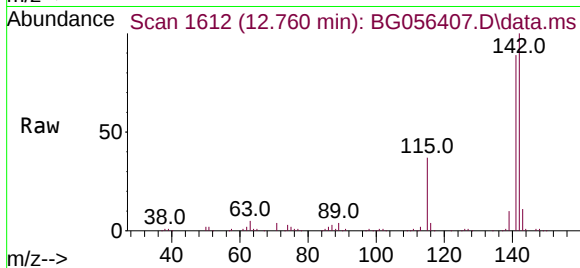
Tgt Ion:142 Resp: 215736

Ion Ratio Lower Upper

142 100

141 89.2 72.2 108.4

115 37.0 30.7 46.1



#38

1-Methylnaphthalene

Concen: 40.642 ng

RT: 12.977 min Scan# 1649

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

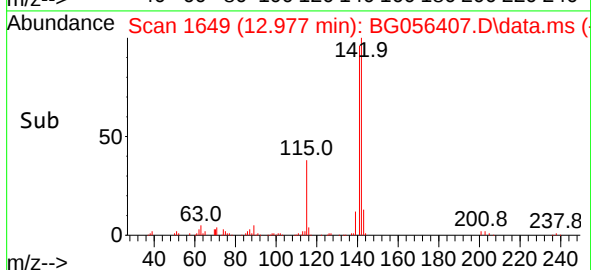
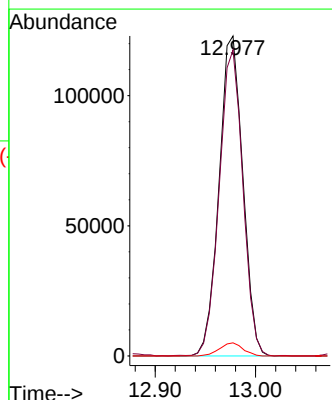
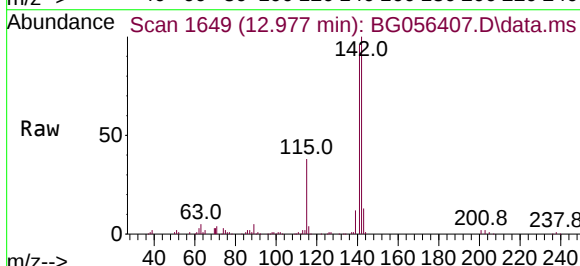
Tgt Ion:142 Resp: 202047

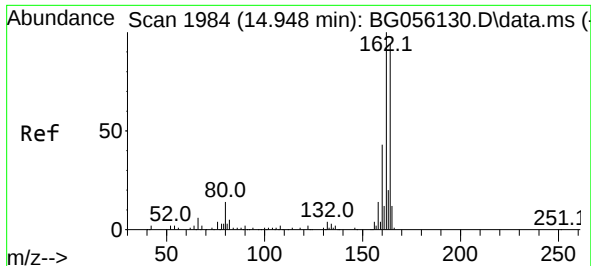
Ion Ratio Lower Upper

142 100

141 95.6 77.0 115.6

116 4.1 3.6 5.4

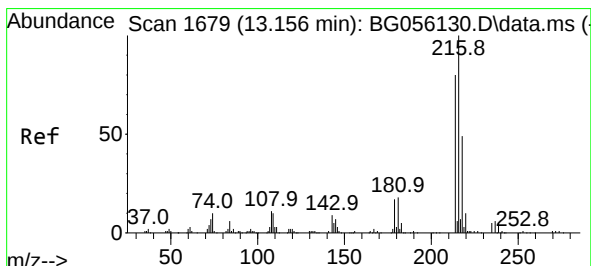
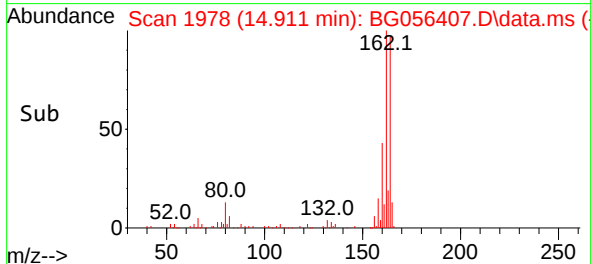
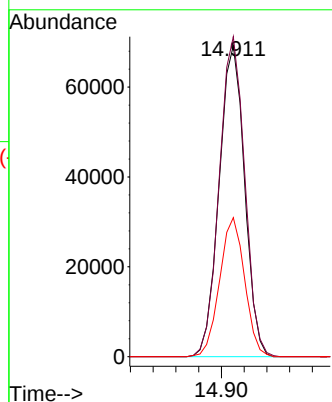
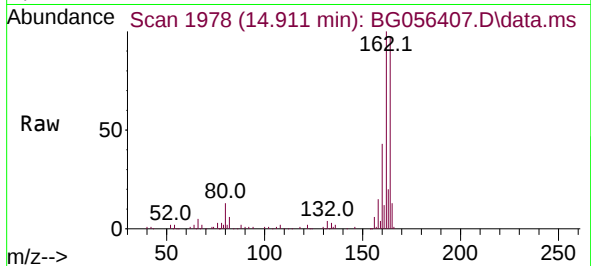




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.911 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

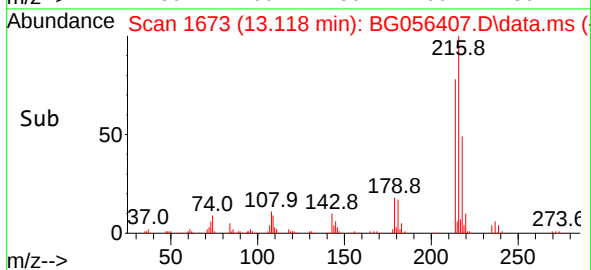
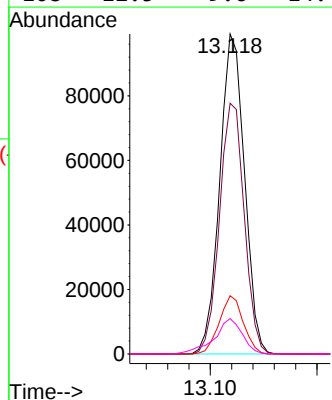
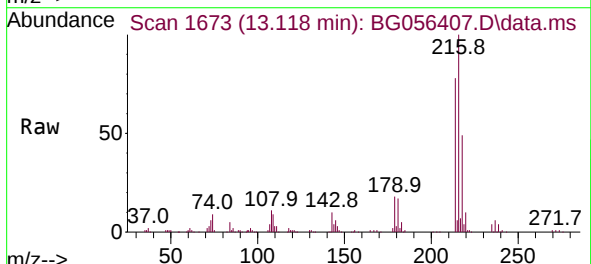
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

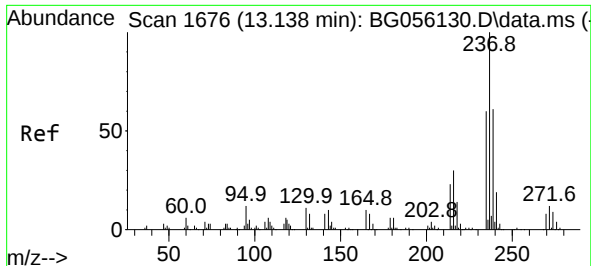
Tgt Ion:164 Resp: 107514
Ion Ratio Lower Upper
164 100
162 102.9 84.7 127.1
160 44.7 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.635 ng
RT: 13.118 min Scan# 1673
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:216 Resp: 159713
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.0
179 17.7 13.6 20.4
108 12.5 9.6 14.4

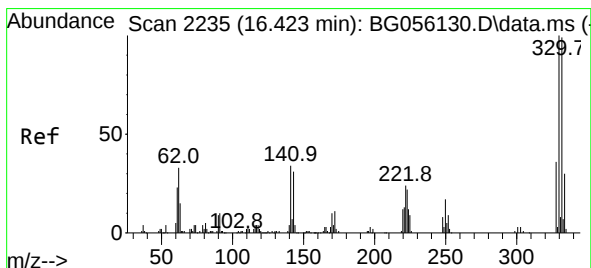
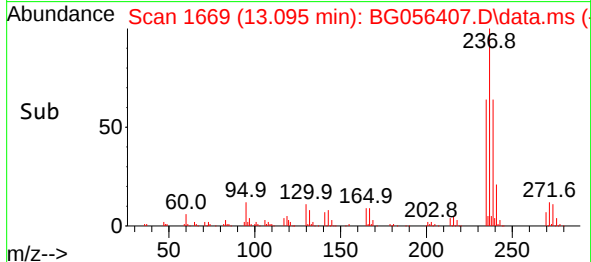
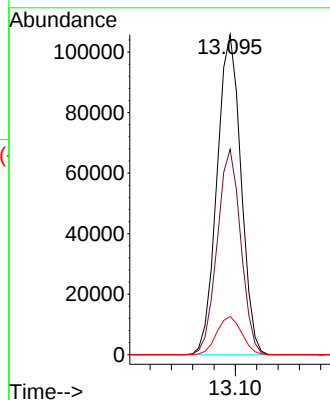
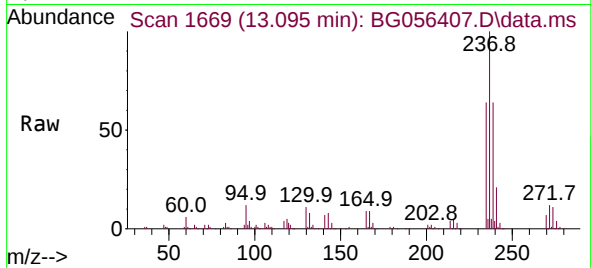




#41
Hexachlorocyclopentadiene
Concen: 71.777 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

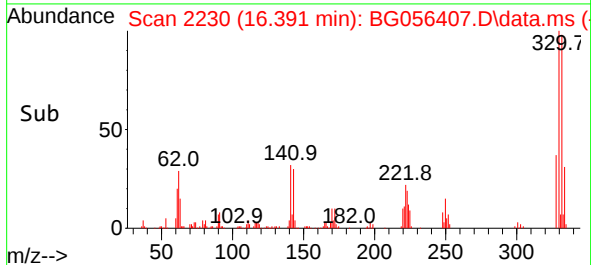
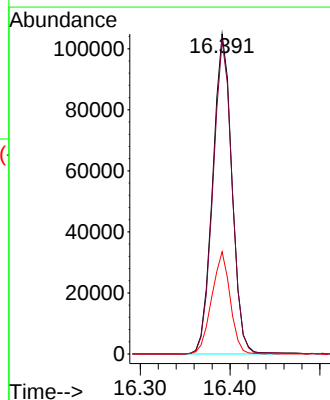
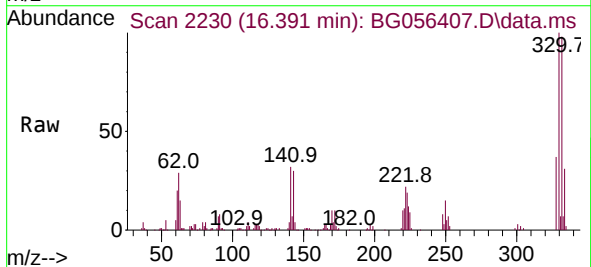
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

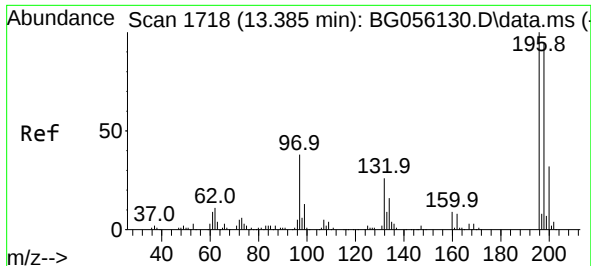
Tgt Ion:237 Resp: 164898
Ion Ratio Lower Upper
237 100
235 64.2 40.3 80.3
272 11.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 114.207 ng
RT: 16.391 min Scan# 2230
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:330 Resp: 155509
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.6 27.9 41.9

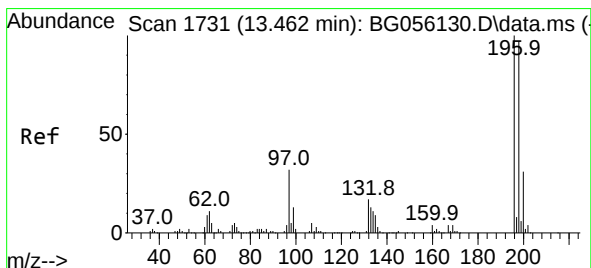
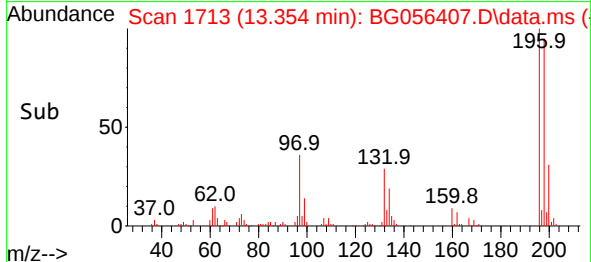
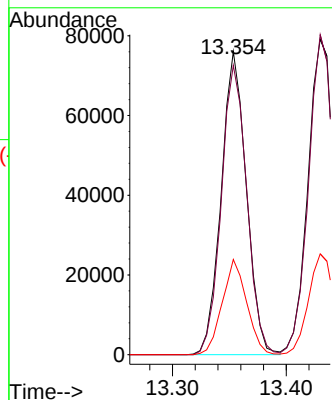
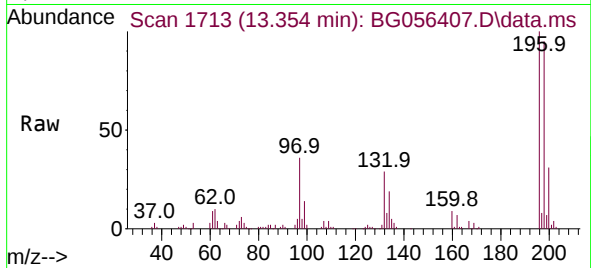




#43
2,4,6-Trichlorophenol
Concen: 43.870 ng
RT: 13.354 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

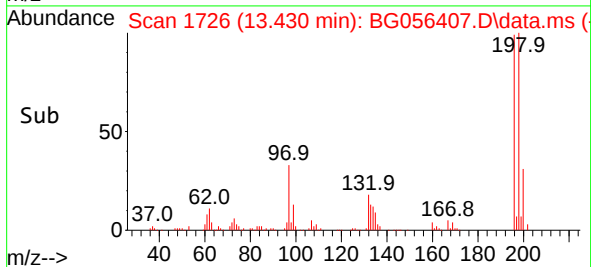
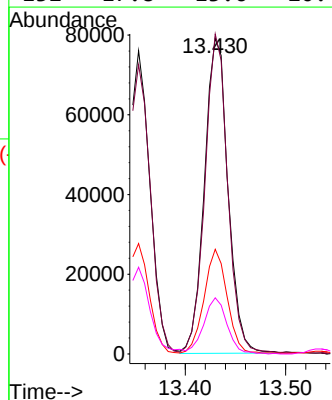
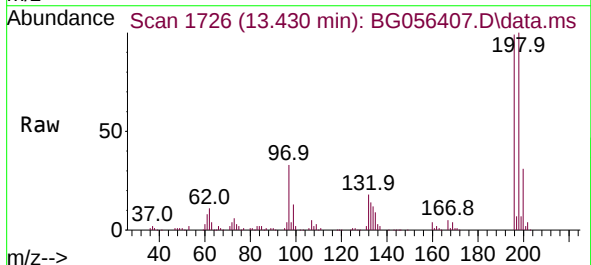
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

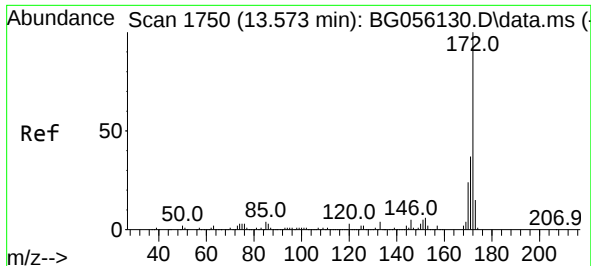
Tgt Ion:196 Resp: 116894
Ion Ratio Lower Upper
196 100
198 95.4 75.5 113.3
200 31.4 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 41.065 ng
RT: 13.430 min Scan# 1726
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:196 Resp: 129436
Ion Ratio Lower Upper
196 100
198 101.4 78.0 117.0
97 33.1 25.7 38.5
132 17.8 13.6 20.4

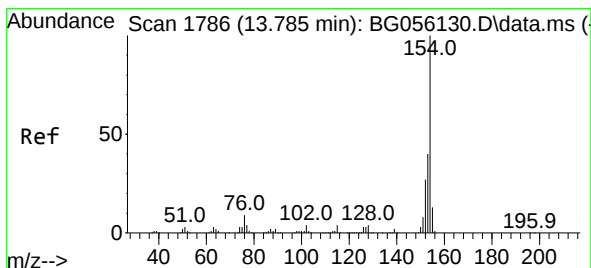
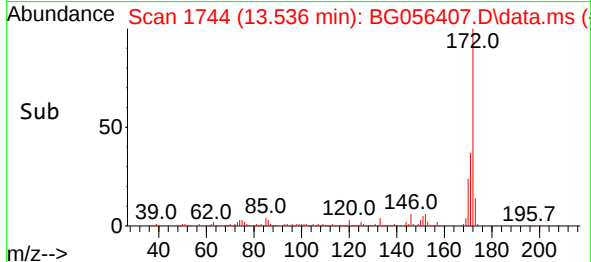
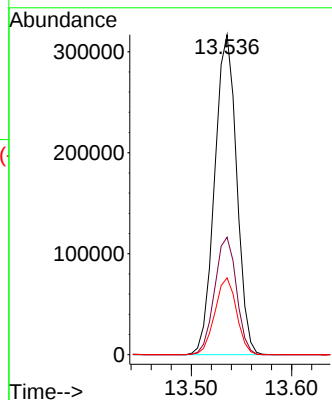
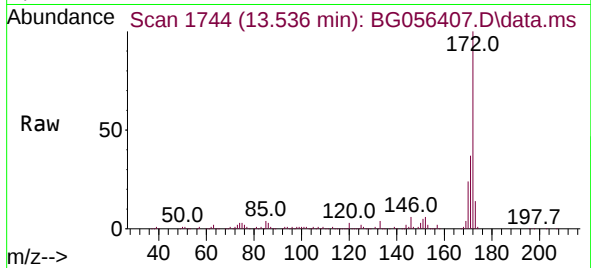




#45
2-Fluorobiphenyl
Concen: 61.921 ng
RT: 13.536 min Scan# 1744
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

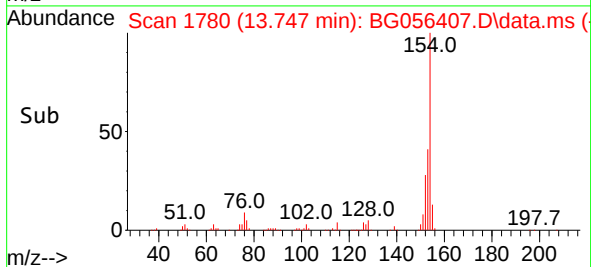
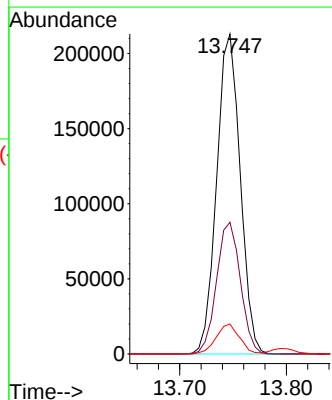
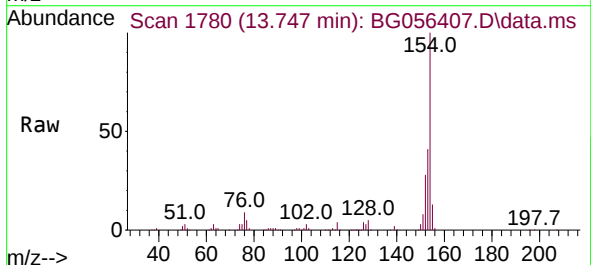
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

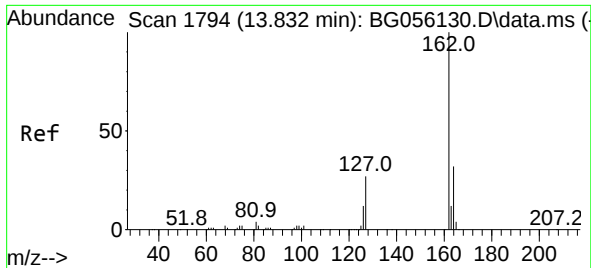
Tgt Ion:172 Resp: 482105
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.4 29.2



#46
1,1'-Biphenyl
Concen: 42.362 ng
RT: 13.747 min Scan# 1780
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:154 Resp: 326182
Ion Ratio Lower Upper
154 100
153 41.2 20.0 60.0
76 9.4 0.0 29.3

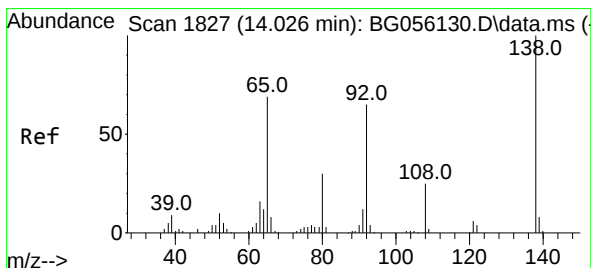
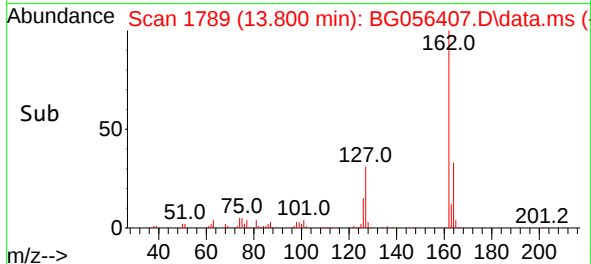
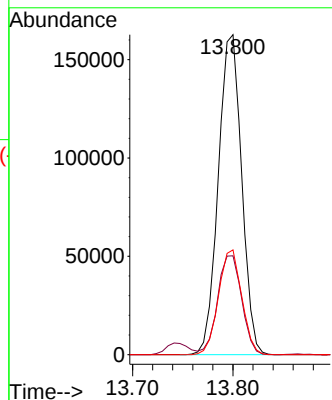
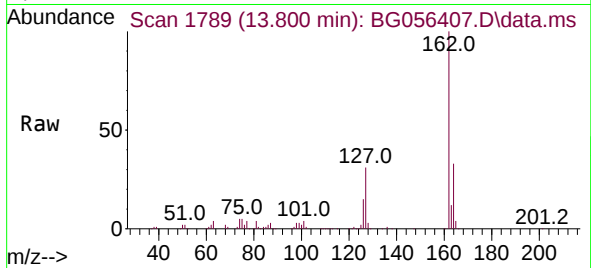




#47
2-Chloronaphthalene
Concen: 43.180 ng
RT: 13.800 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

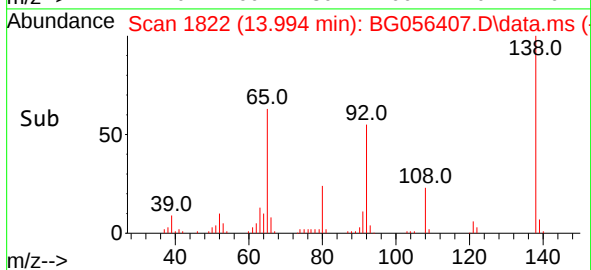
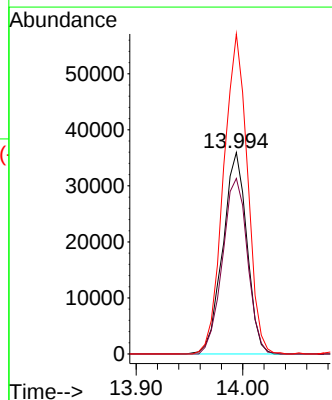
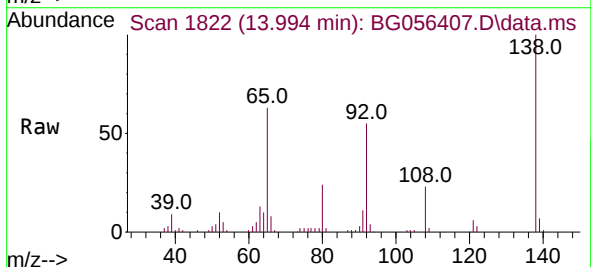
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

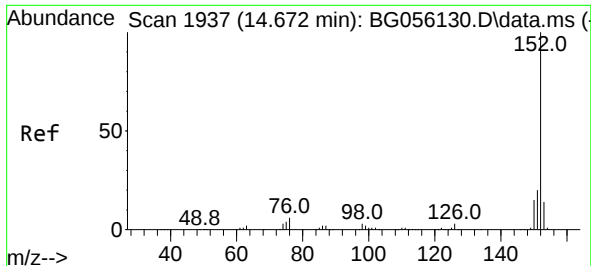
Tgt Ion:162 Resp: 262427
Ion Ratio Lower Upper
162 100
127 30.9 24.6 36.8
164 32.7 25.8 38.8



#48
2-Nitroaniline
Concen: 43.573 ng
RT: 13.994 min Scan# 1822
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

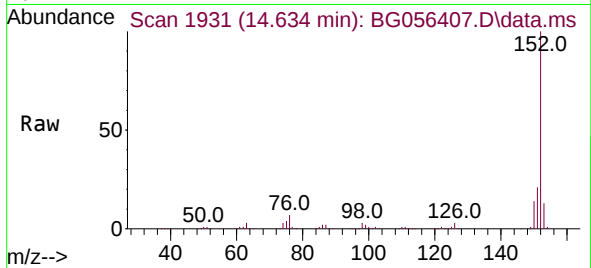
Tgt Ion: 65 Resp: 56423
Ion Ratio Lower Upper
65 100
92 87.2 76.0 114.0
138 158.9 116.6 174.8



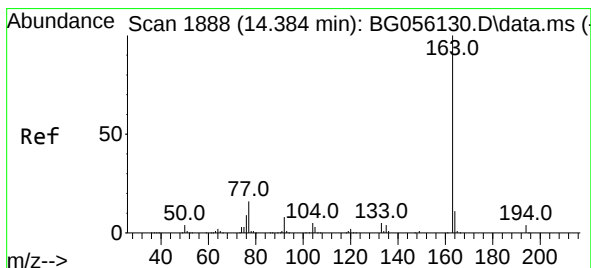
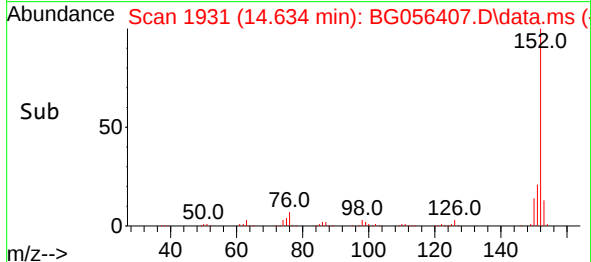
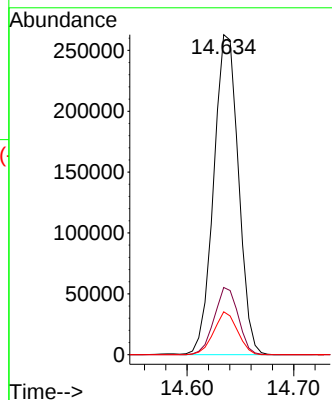


#49
Acenaphthylene
Concen: 42.822 ng
RT: 14.634 min Scan# 1931
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

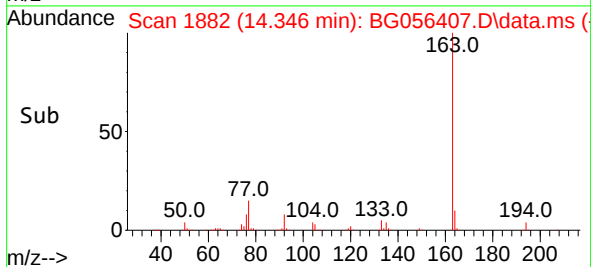
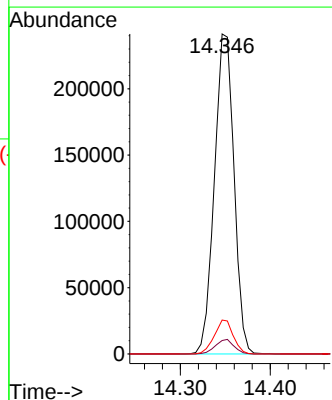
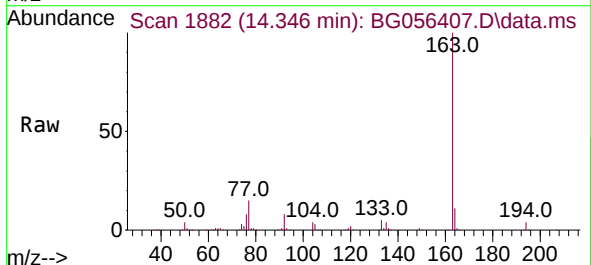


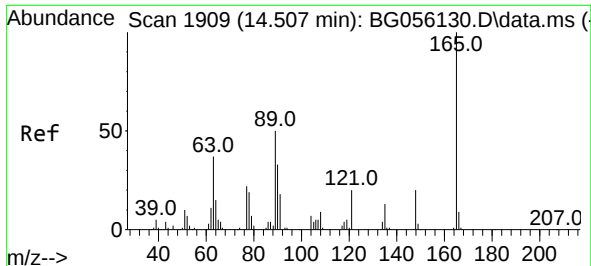
Tgt Ion:152 Resp: 423516
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 13.4 11.0 16.6



#50
Dimethylphthalate
Concen: 42.136 ng
RT: 14.346 min Scan# 1882
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:163 Resp: 365703
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.6 8.7 13.1

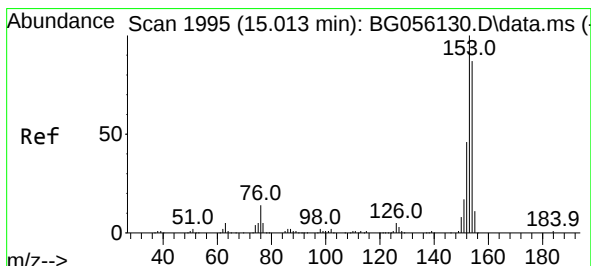
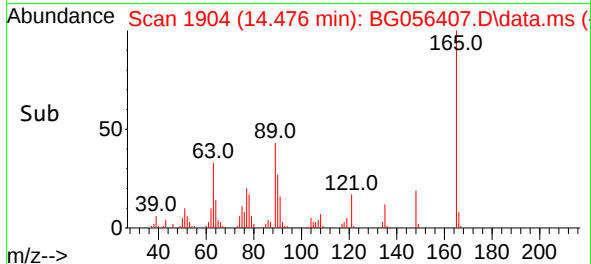
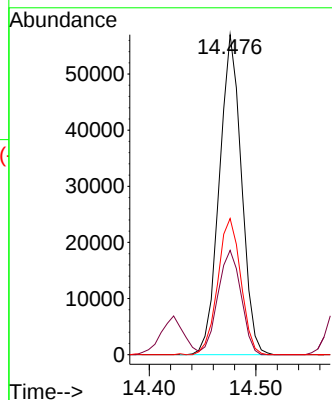
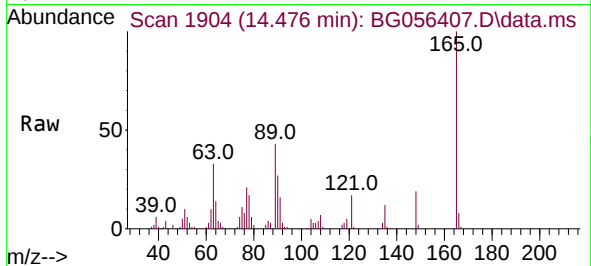




#51
2,6-Dinitrotoluene
Concen: 44.433 ng
RT: 14.476 min Scan# 1904
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

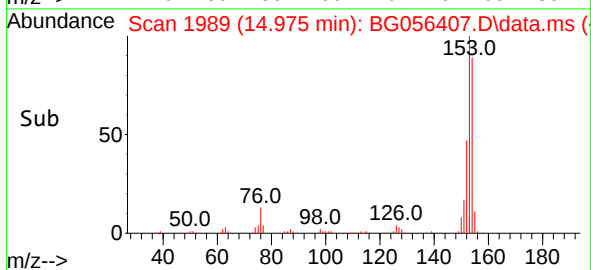
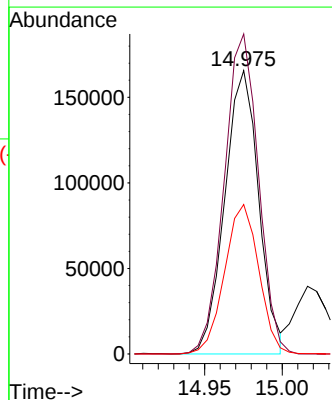
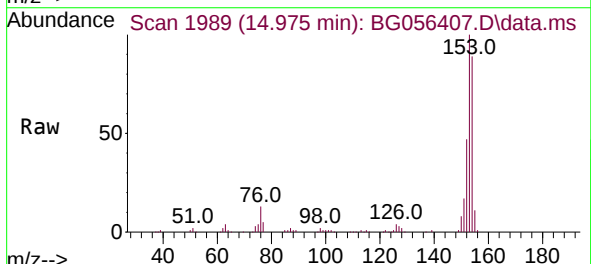
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

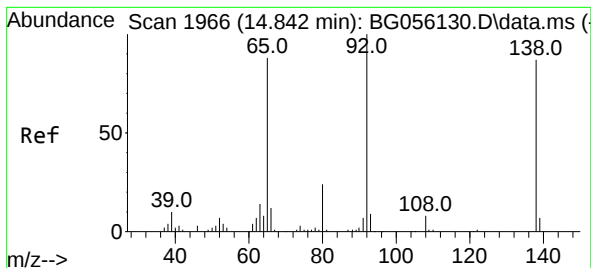
Tgt Ion:165 Resp: 82173
Ion Ratio Lower Upper
165 100
63 32.6 32.2 48.2
89 42.6 39.8 59.8



#52
Acenaphthene
Concen: 39.204 ng
RT: 14.975 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

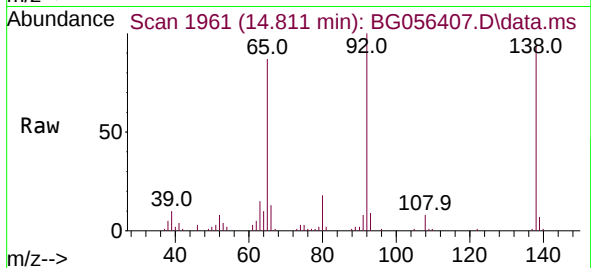
Tgt Ion:154 Resp: 252182
Ion Ratio Lower Upper
154 100
153 112.9 92.0 138.0
152 52.7 42.5 63.7



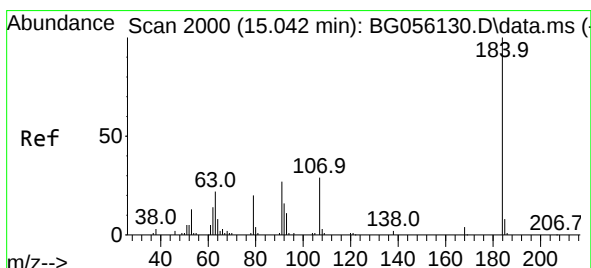
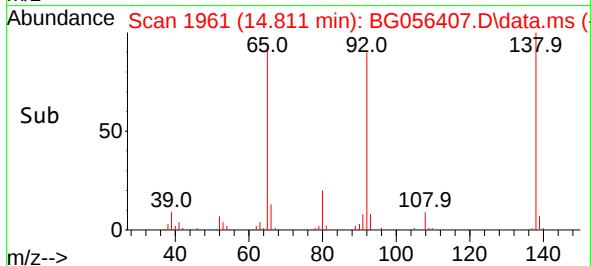
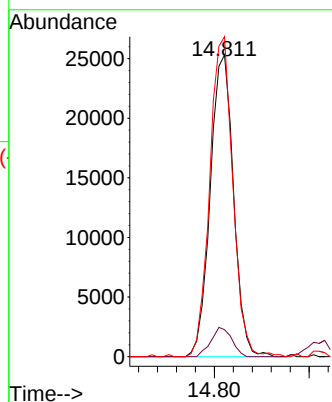


#53
3-Nitroaniline
Concen: 24.463 ng
RT: 14.811 min Scan# 1961
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

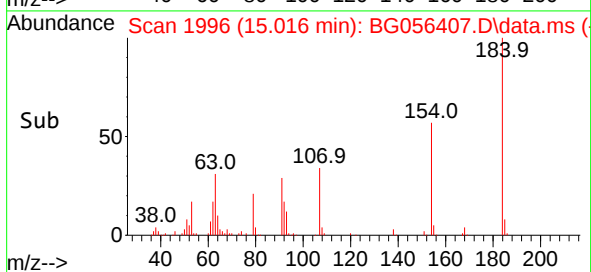
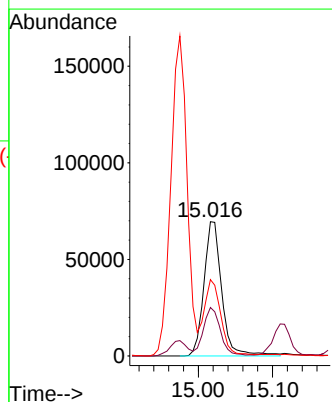
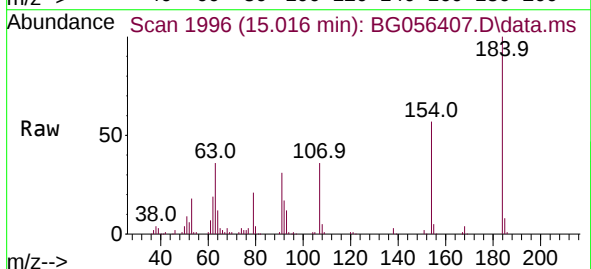


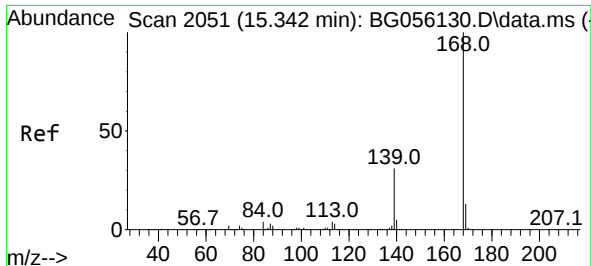
Tgt Ion:138 Resp: 43057
Ion Ratio Lower Upper
138 100
108 9.0 7.6 11.4
92 106.0 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 88.411 ng
RT: 15.016 min Scan# 1996
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:184 Resp: 116807
Ion Ratio Lower Upper
184 100
63 36.2 24.0 36.0#
154 56.9 45.4 68.0

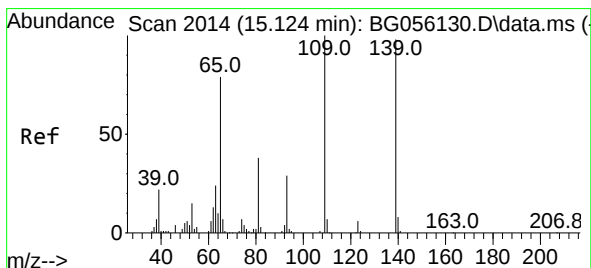
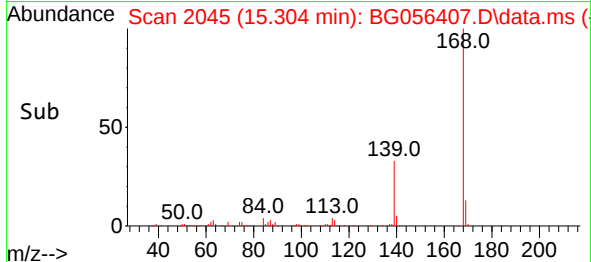
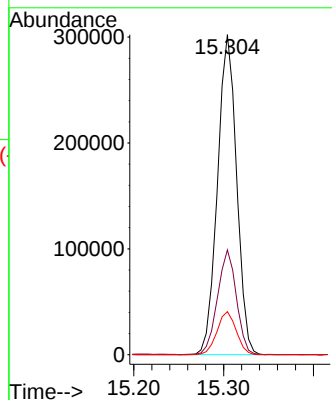
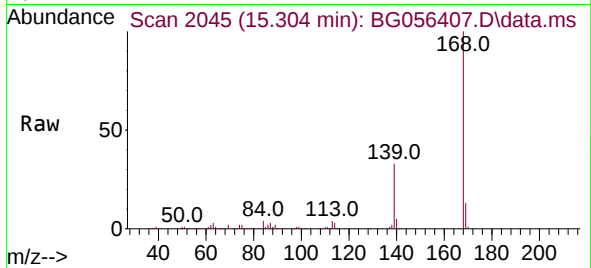




#55
Dibenzofuran
Concen: 41.949 ng
RT: 15.304 min Scan# 2051
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

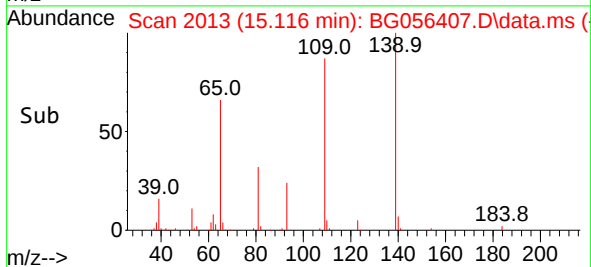
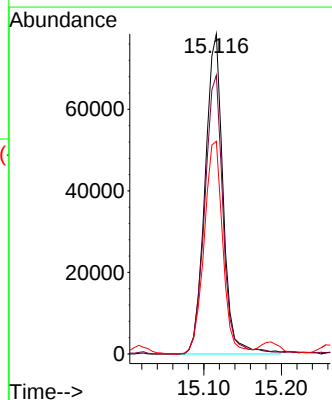
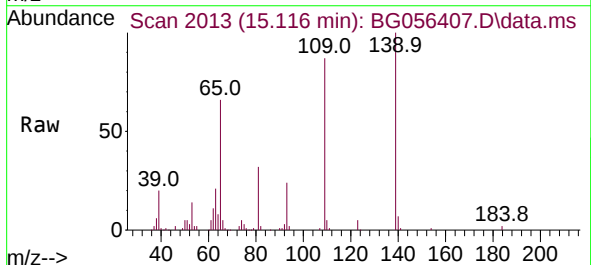
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

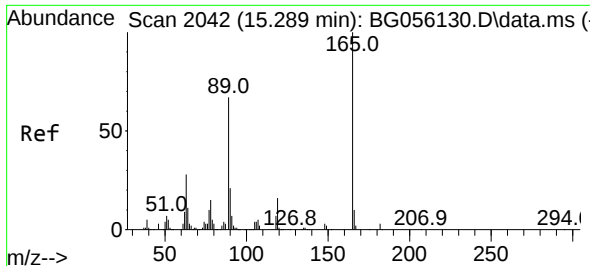
Tgt Ion:168 Resp: 446527
Ion Ratio Lower Upper
168 100
139 32.8 24.7 37.1
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 93.418 ng
RT: 15.116 min Scan# 2013
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:139 Resp: 126456
Ion Ratio Lower Upper
139 100
109 87.1 82.2 122.2
65 66.5 60.6 100.6

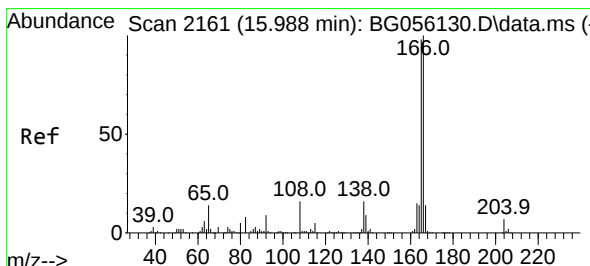
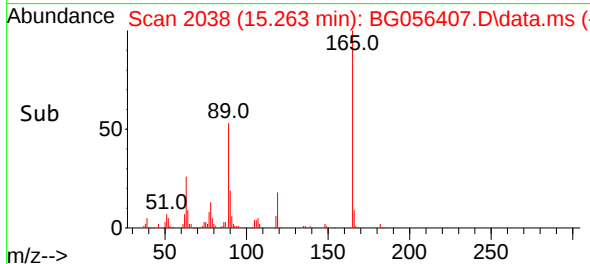
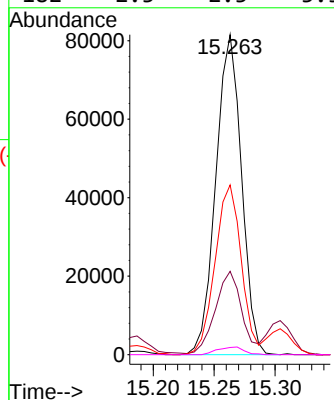
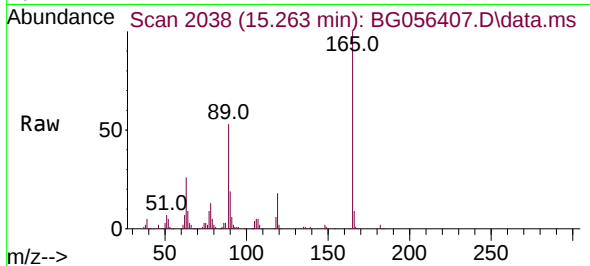




#57
2,4-Dinitrotoluene
Concen: 46.229 ng
RT: 15.263 min Scan# 2042
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

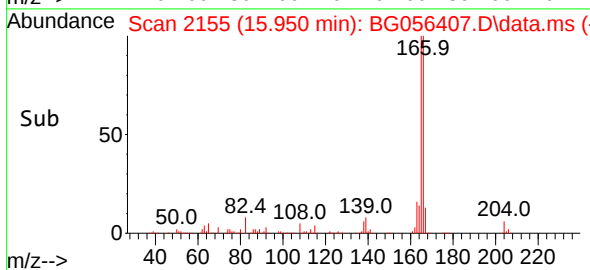
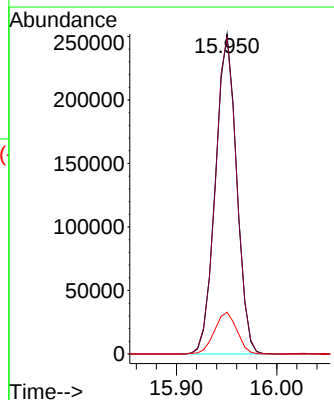
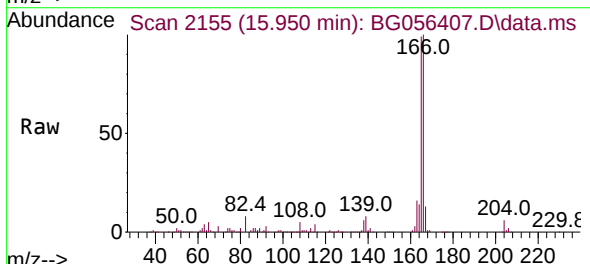
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

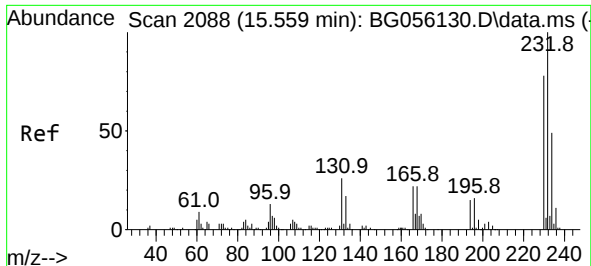
Tgt Ion:165 Resp: 119565
Ion Ratio Lower Upper
165 100
63 26.1 22.6 34.0
89 53.0 53.2 79.8#
182 2.3 2.3 3.5#



#58
Fluorene
Concen: 43.079 ng
RT: 15.950 min Scan# 2155
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:166 Resp: 368824
Ion Ratio Lower Upper
166 100
165 99.0 78.6 118.0
167 13.0 11.1 16.7

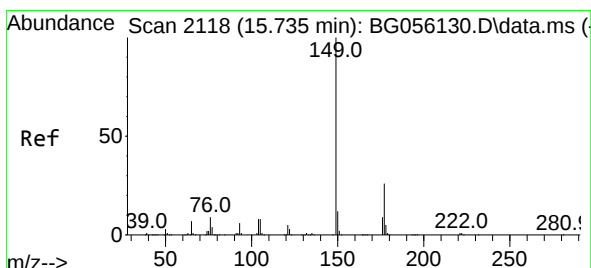
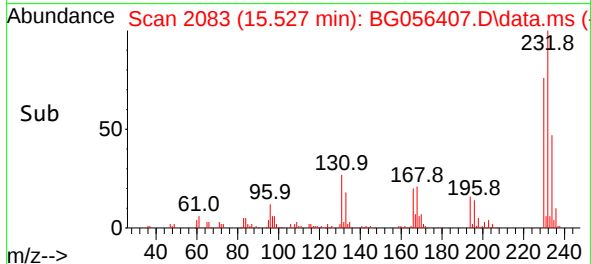
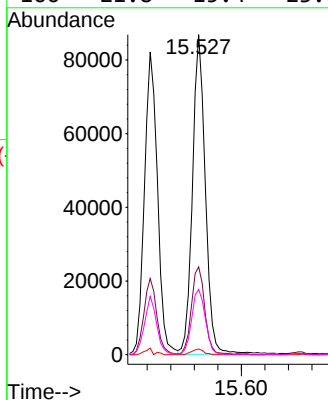
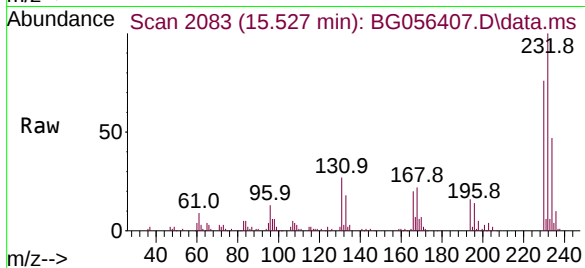




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.392 ng
RT: 15.527 min Scan# 2083
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

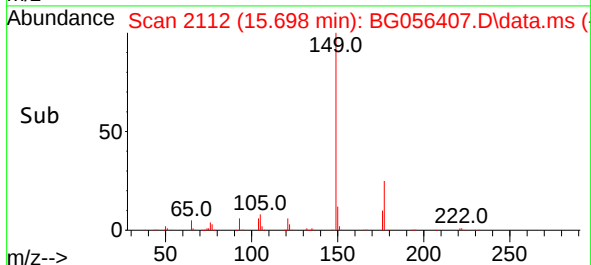
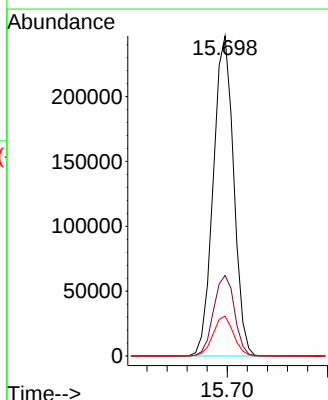
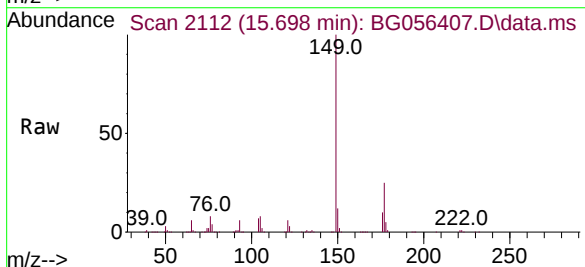
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

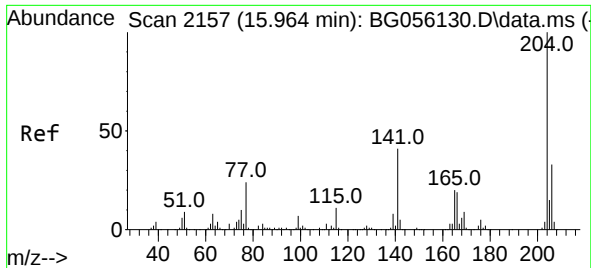
Tgt Ion:232 Resp: 131379
Ion Ratio Lower Upper
232 100
131 28.5 21.4 32.2
130 1.6 1.4 2.0
166 21.8 15.4 23.0



#60
Diethylphthalate
Concen: 42.654 ng
RT: 15.698 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:149 Resp: 347180
Ion Ratio Lower Upper
149 100
177 25.2 20.6 31.0
150 12.5 9.9 14.9

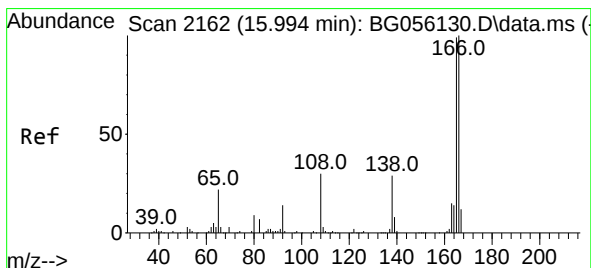
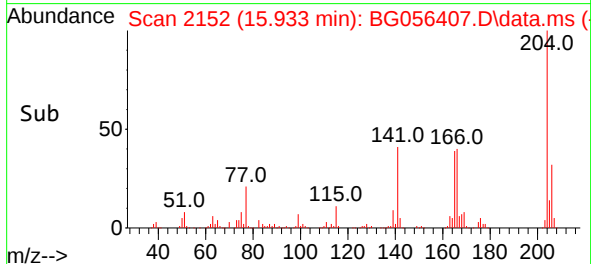
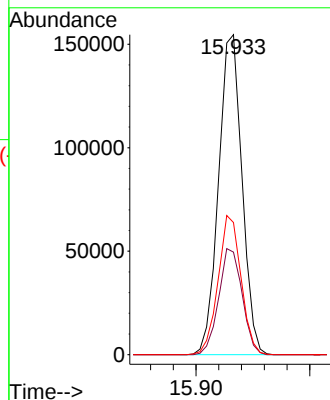
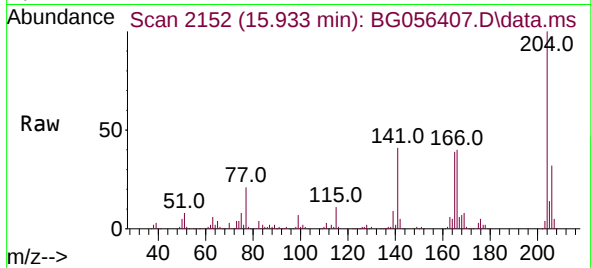




#61
4-Chlorophenyl-phenylether
Concen: 41.409 ng
RT: 15.933 min Scan# 2152
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

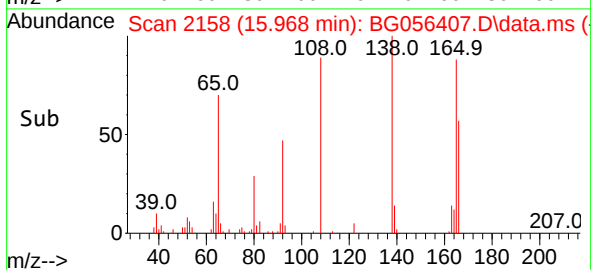
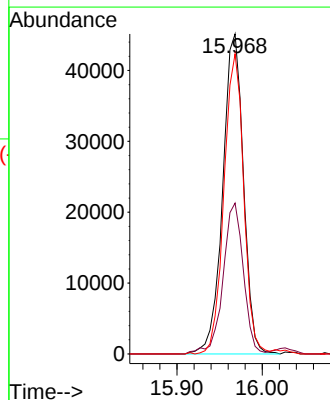
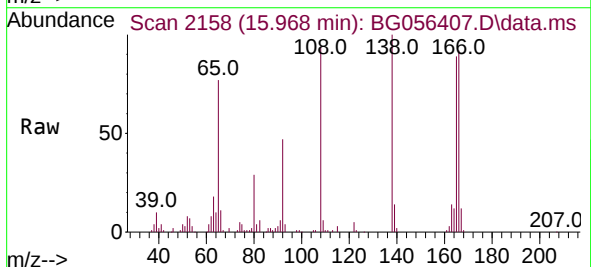
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

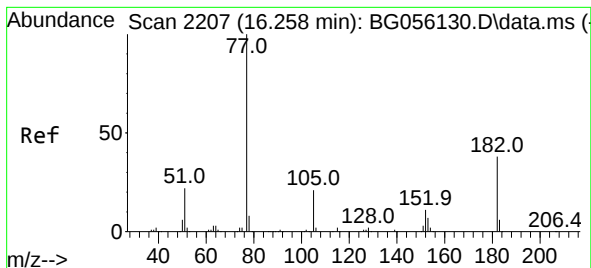
Tgt Ion:204 Resp: 221246
Ion Ratio Lower Upper
204 100
206 32.1 26.4 39.6
141 41.3 33.0 49.4



#62
4-Nitroaniline
Concen: 42.269 ng
RT: 15.968 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:138 Resp: 76208
Ion Ratio Lower Upper
138 100
92 47.1 28.6 68.6
108 93.8 83.4 123.4





#63

Azobenzene

Concen: 40.591 ng

RT: 16.227 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

Tgt Ion: 77 Resp: 254957

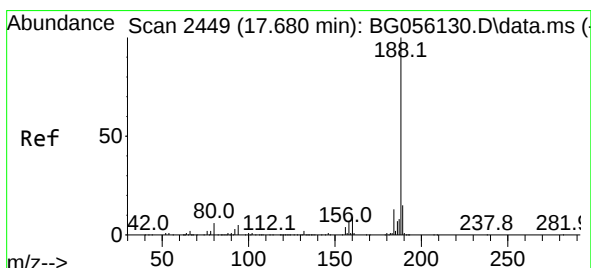
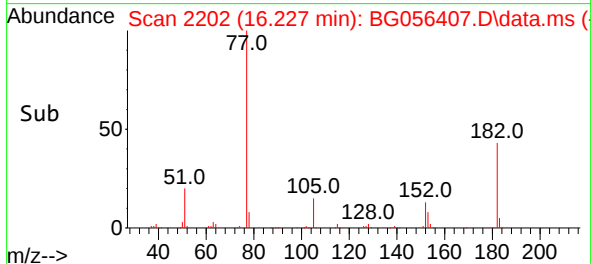
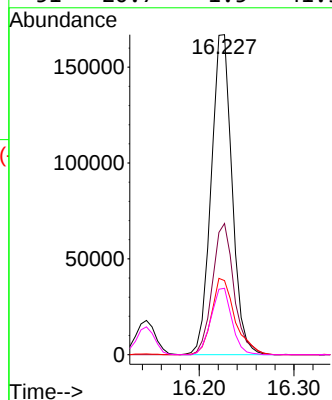
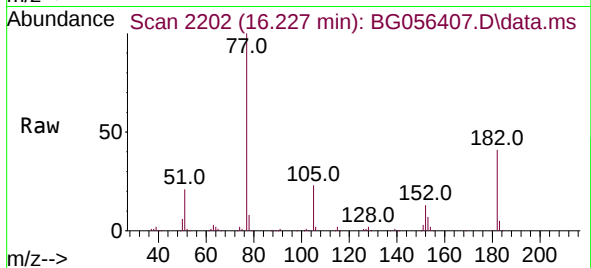
Ion Ratio Lower Upper

77 100

182 41.0 18.5 58.5

105 23.2 1.4 41.4

51 20.7 1.5 41.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.643 min Scan# 2443

Delta R.T. -0.010 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

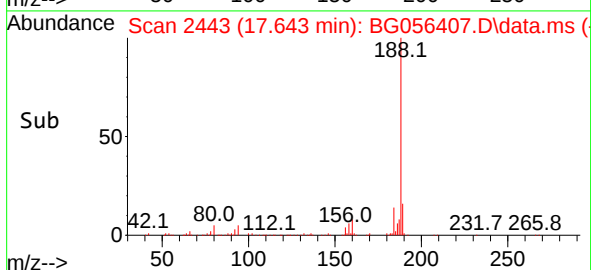
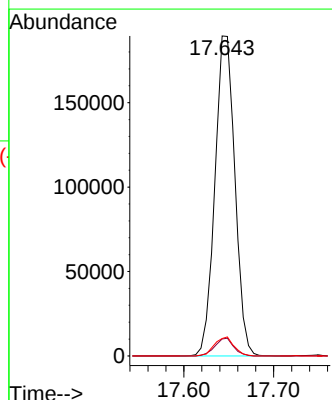
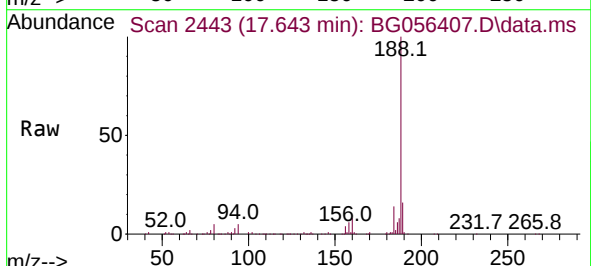
Tgt Ion: 188 Resp: 293022

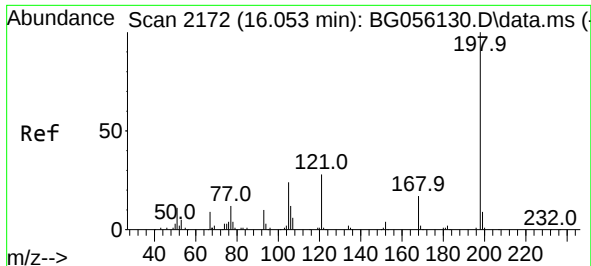
Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.2

80 5.5 5.0 7.4

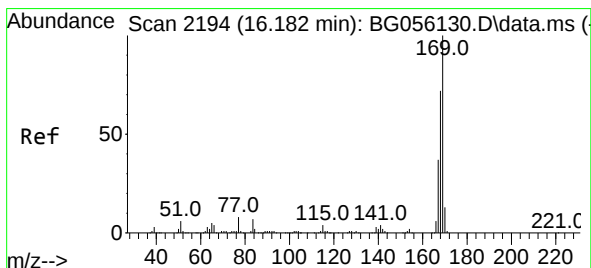
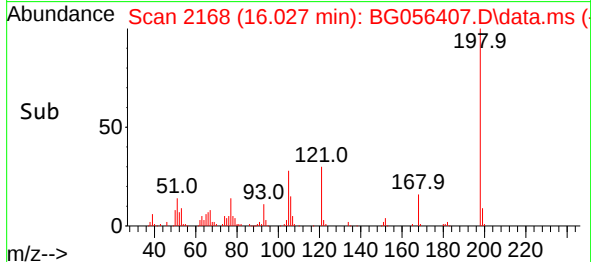
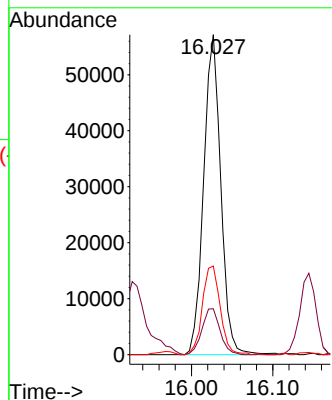
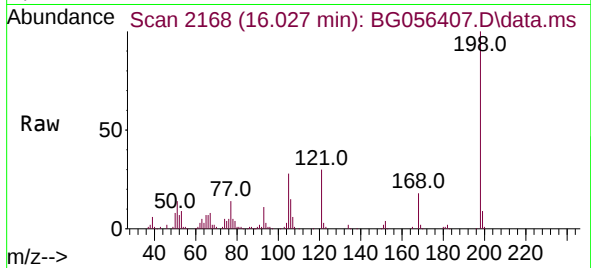




#65
4,6-Dinitro-2-methylphenol
Concen: 42.339 ng
RT: 16.027 min Scan# 2172
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

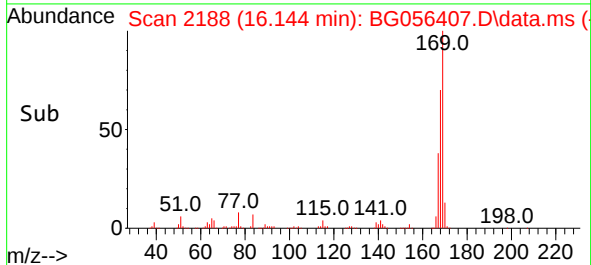
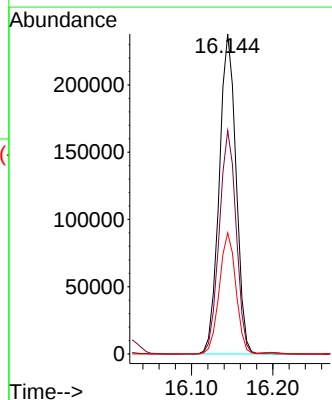
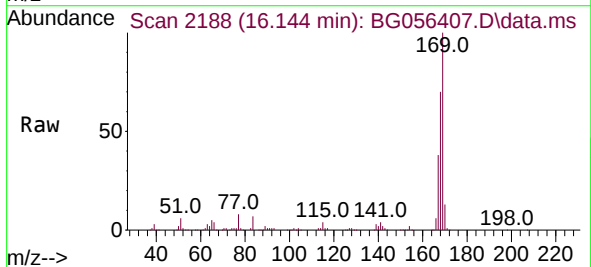
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

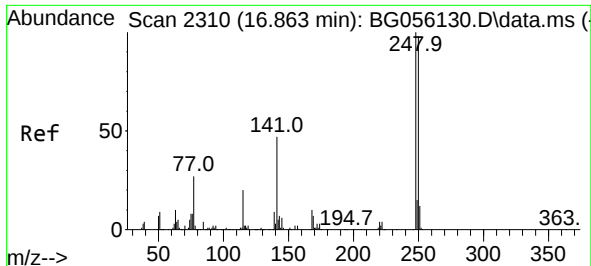
Tgt Ion:198 Resp: 83586
Ion Ratio Lower Upper
198 100
51 14.3 0.0 33.2
105 27.7 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 42.157 ng
RT: 16.144 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:169 Resp: 342738
Ion Ratio Lower Upper
169 100
168 69.8 58.0 87.0
167 37.9 30.0 45.0

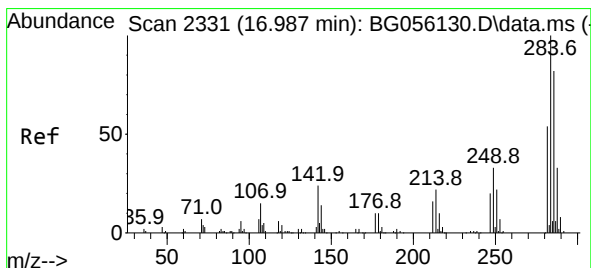
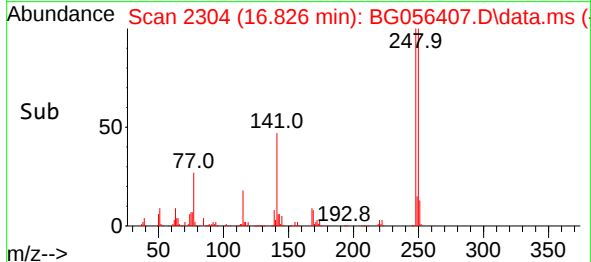
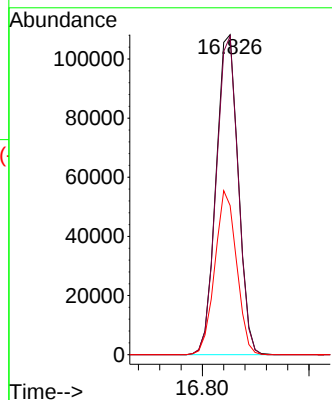
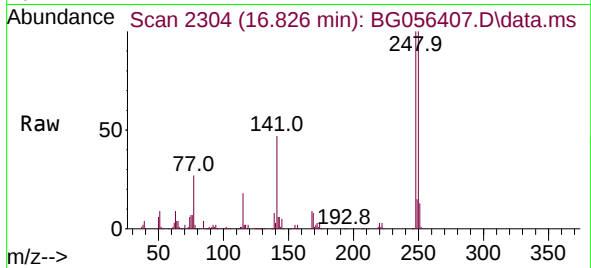




#67
4-Bromophenyl-phenylether
Concen: 41.770 ng
RT: 16.826 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

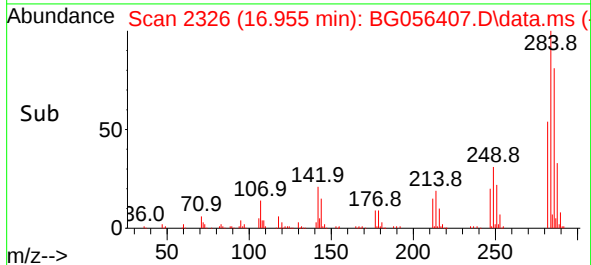
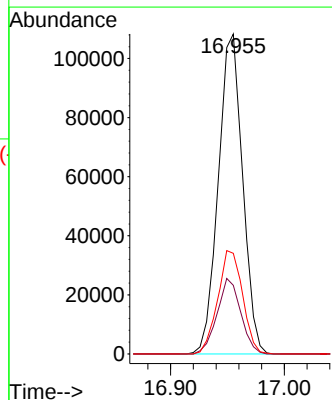
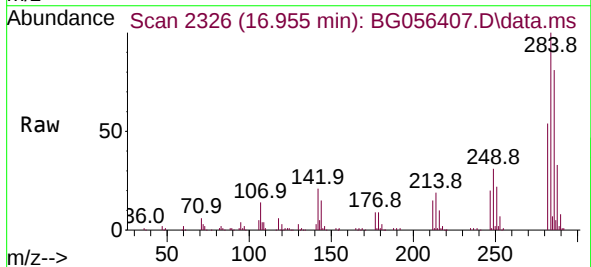
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

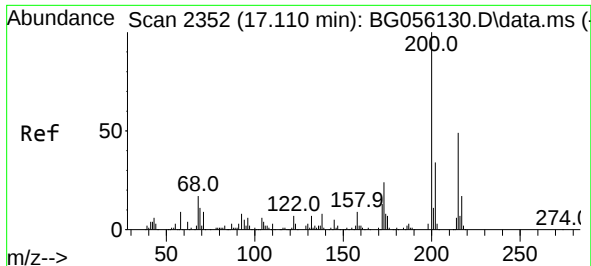
Tgt Ion:248 Resp: 155857
Ion Ratio Lower Upper
248 100
250 99.6 78.2 117.4
141 46.6 37.6 56.4



#68
Hexachlorobenzene
Concen: 46.160 ng
RT: 16.955 min Scan# 2326
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:284 Resp: 160696
Ion Ratio Lower Upper
284 100
142 21.5 19.0 28.6
249 31.4 26.6 39.8

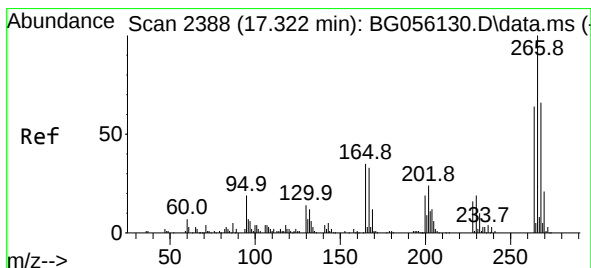
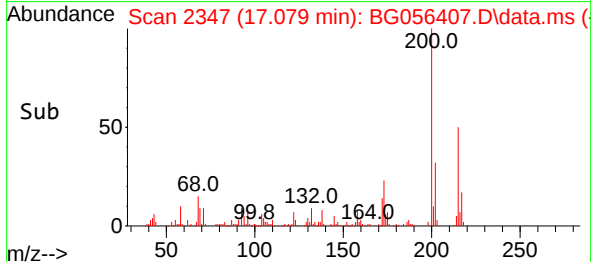
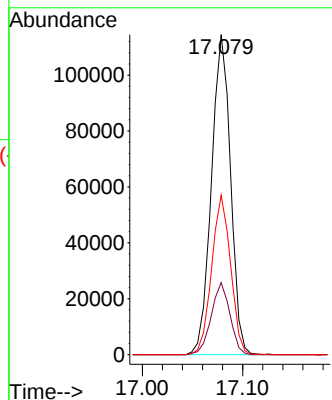
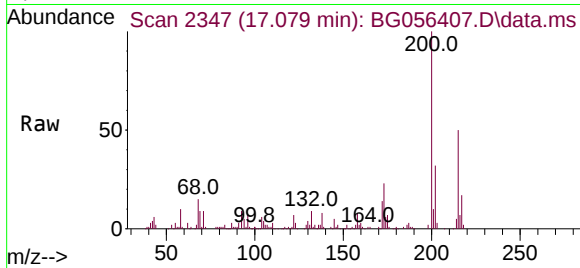




#69
 Atrazine
 Concen: 44.965 ng
 RT: 17.079 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

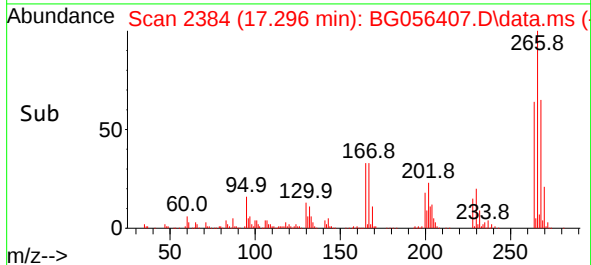
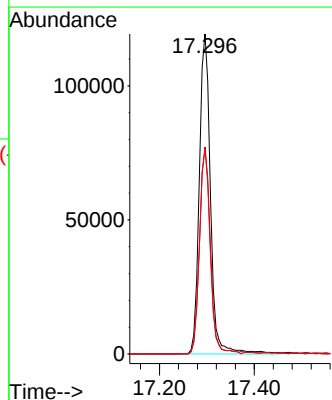
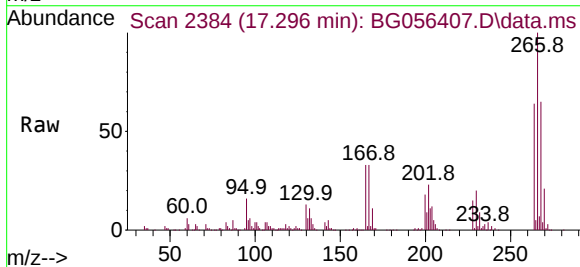
Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

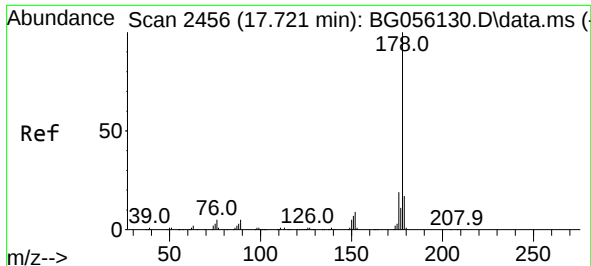
Tgt Ion:200 Resp: 151504
 Ion Ratio Lower Upper
 200 100
 173 22.5 4.0 44.0
 215 49.8 29.1 69.1



#70
 Pentachlorophenol
 Concen: 72.986 ng
 RT: 17.296 min Scan# 2384
 Delta R.T. -0.004 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

Tgt Ion:266 Resp: 195178
 Ion Ratio Lower Upper
 266 100
 268 64.7 53.0 79.4
 264 64.4 51.4 77.2

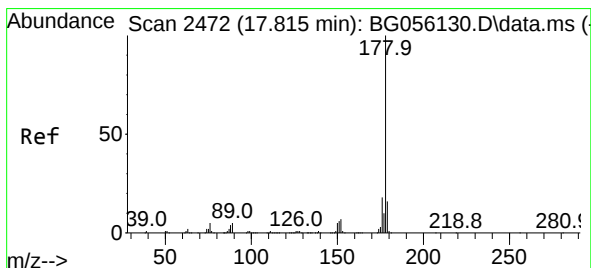
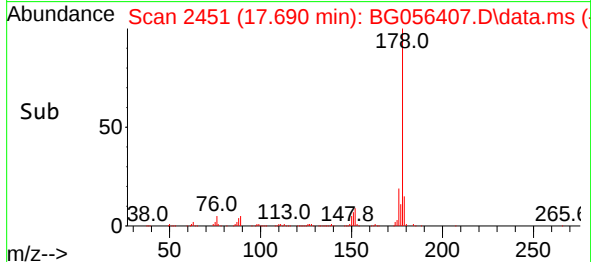
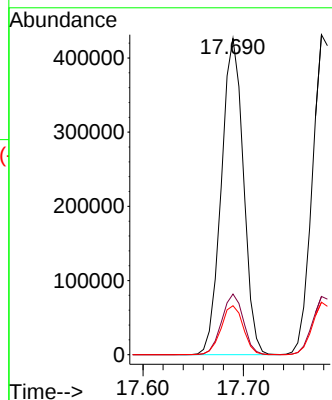
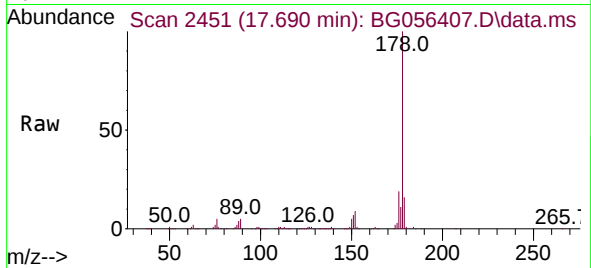




#71
Phenanthrene
Concen: 42.759 ng
RT: 17.690 min Scan# 2456
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

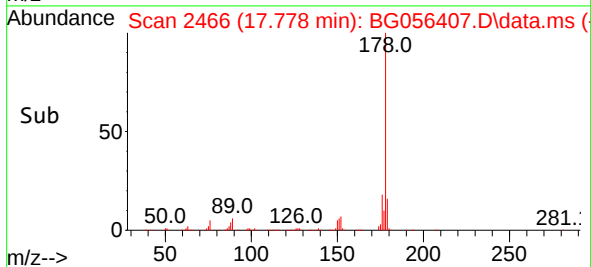
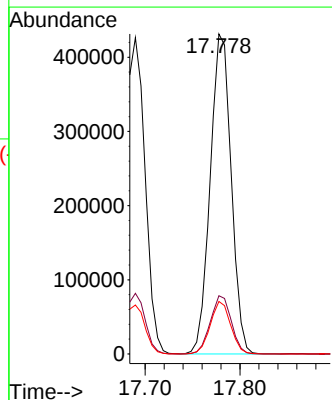
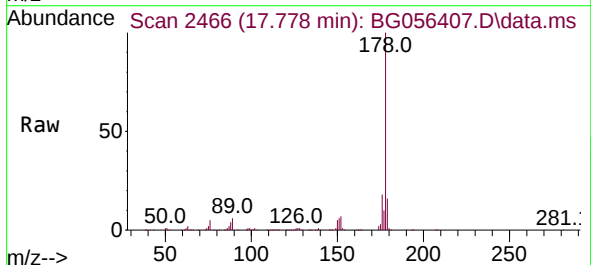
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

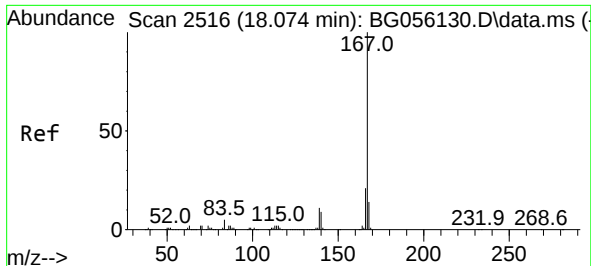
Tgt Ion:178 Resp: 649306
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 13.6 20.4



#72
Anthracene
Concen: 42.293 ng
RT: 17.778 min Scan# 2466
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:178 Resp: 662502
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 16.4 12.7 19.1

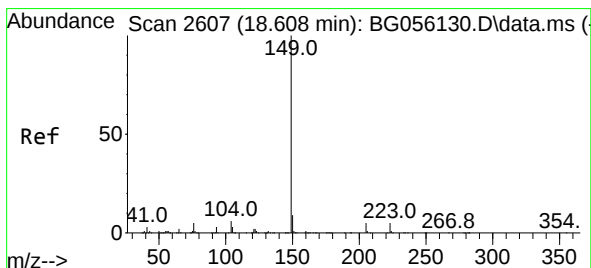
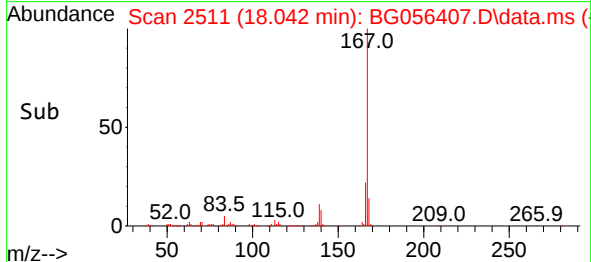
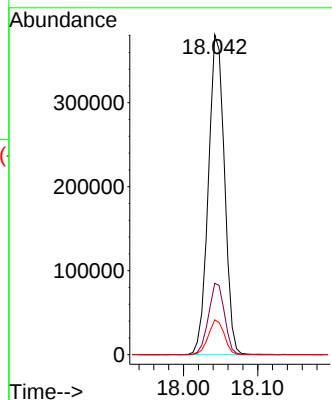
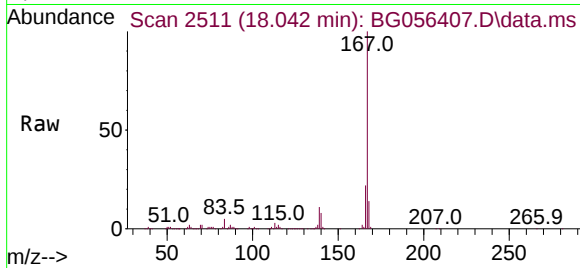




#73
 Carbazole
 Concen: 43.606 ng
 RT: 18.042 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

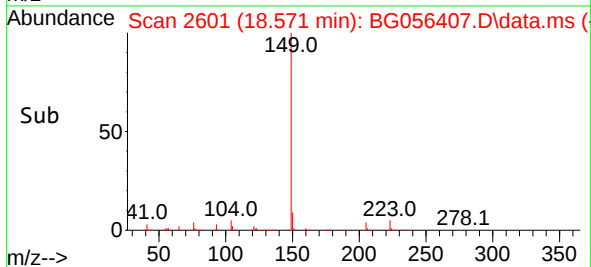
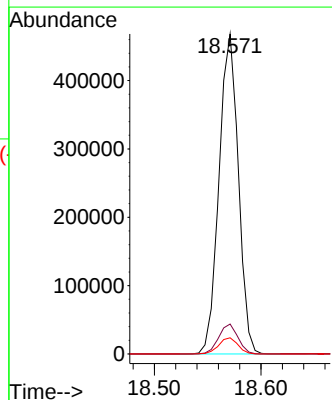
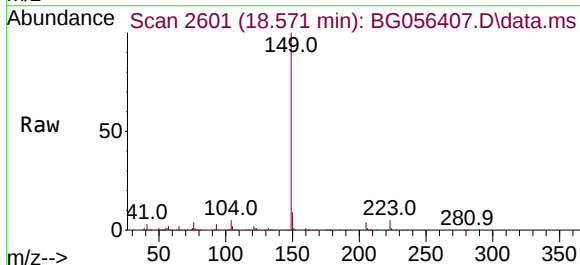
Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

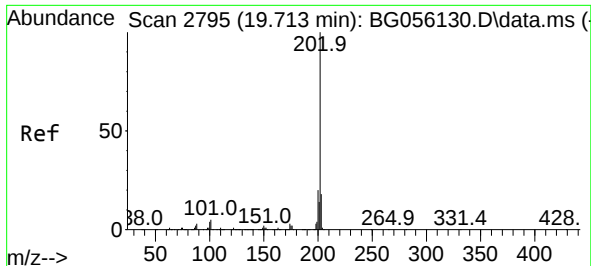
Tgt Ion:167 Resp: 574166
 Ion Ratio Lower Upper
 167 100
 166 22.3 16.8 25.2
 139 10.9 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 44.861 ng
 RT: 18.571 min Scan# 2601
 Delta R.T. -0.004 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

Tgt Ion:149 Resp: 588842
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 4.4 6.6

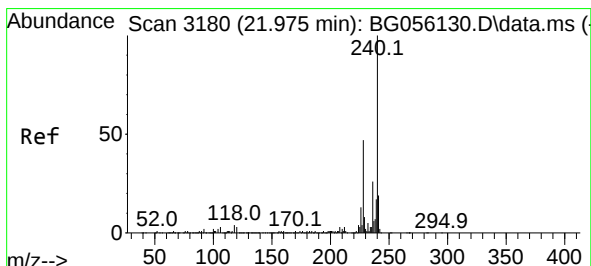
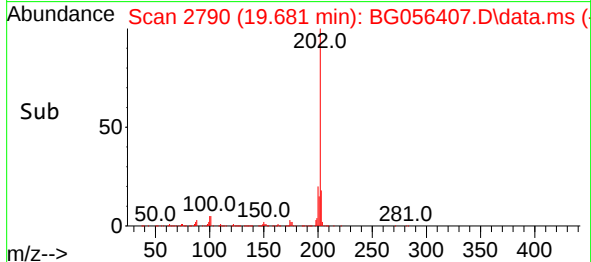
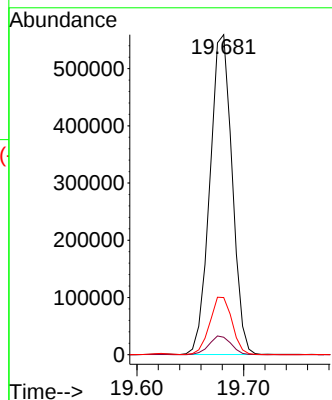
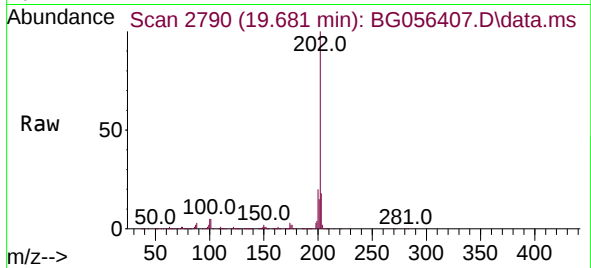




#75
Fluoranthene
Concen: 40.850 ng
RT: 19.681 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

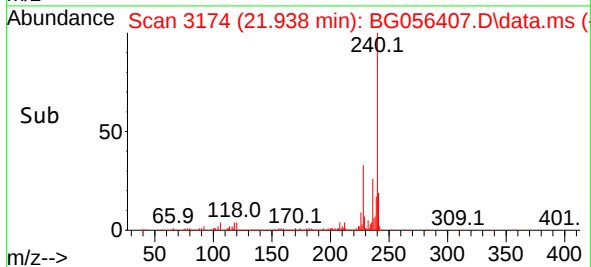
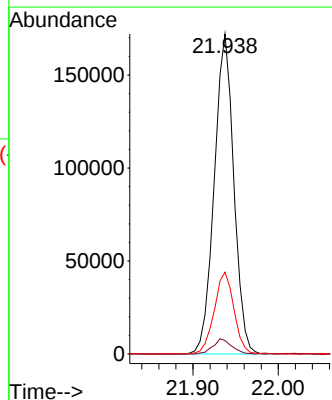
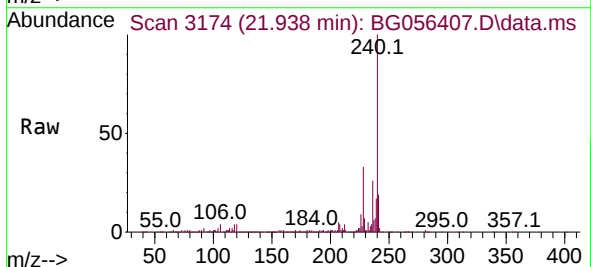
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

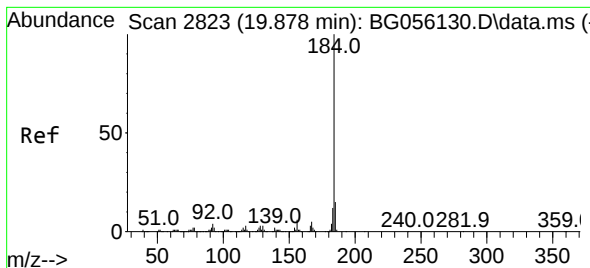
Tgt Ion:202 Resp: 809160
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.0
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.938 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:240 Resp: 273958
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.5 20.8 31.2





#77

Benzidine

Concen: 24.118 ng

RT: 19.846 min Scan# 2818

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

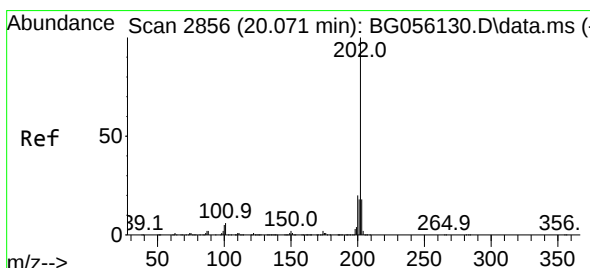
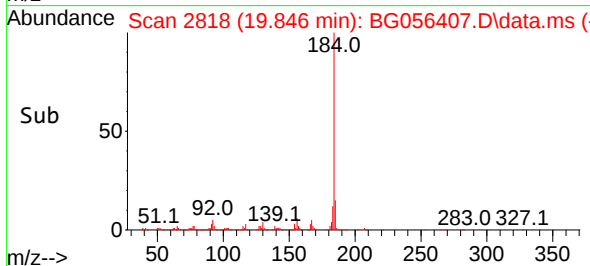
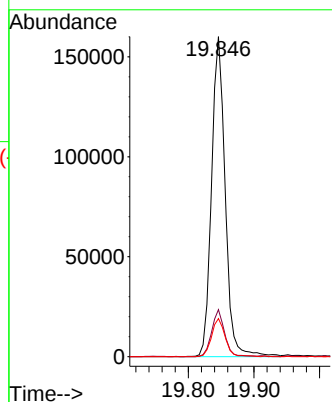
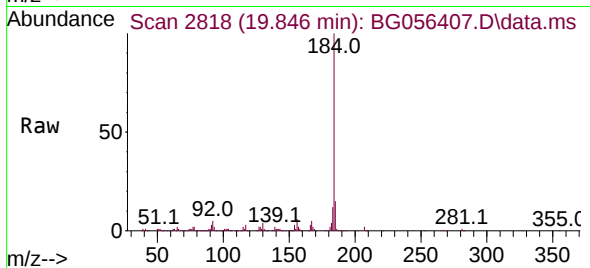
Tgt Ion:184 Resp: 231546

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

183 11.9 9.4 14.0



#78

Pyrene

Concen: 42.424 ng

RT: 20.040 min Scan# 2851

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

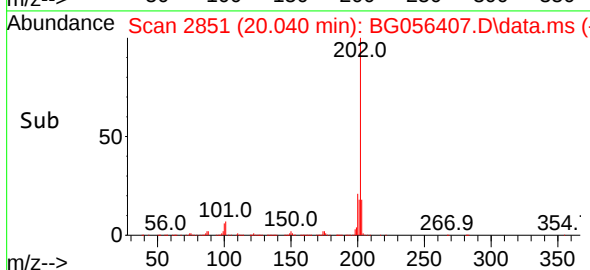
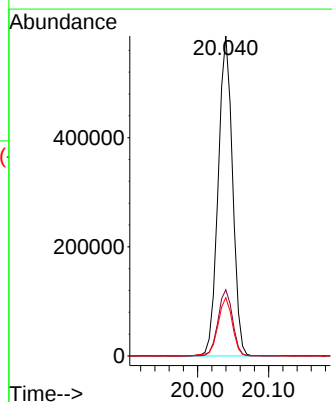
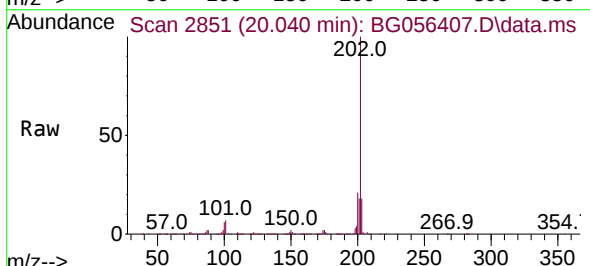
Tgt Ion:202 Resp: 819190

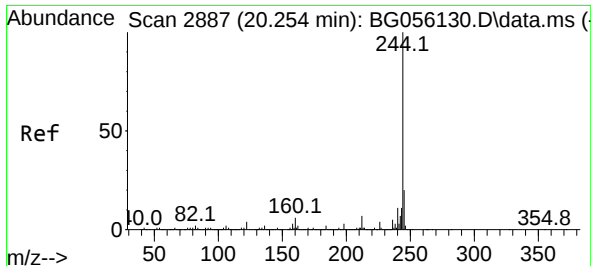
Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

203 18.2 14.3 21.5

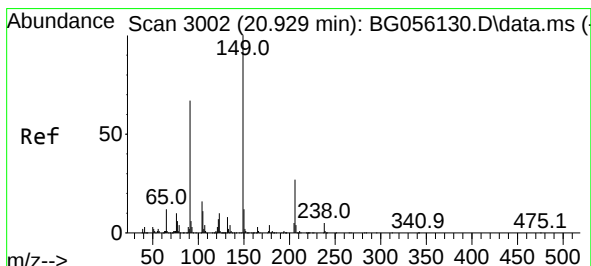
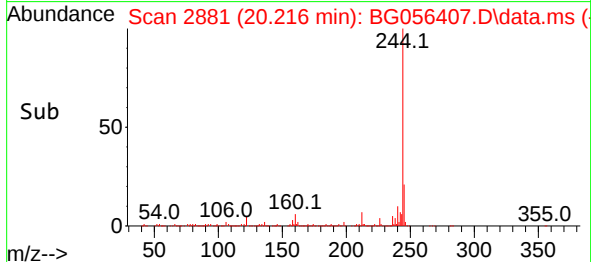
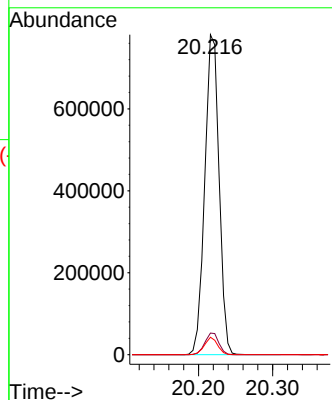
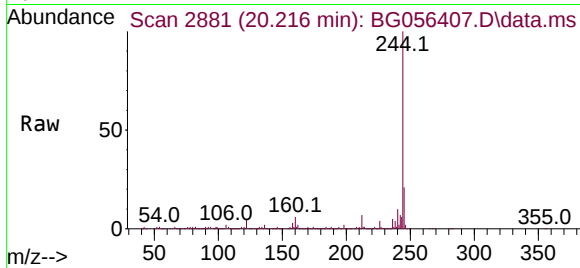




#79
 Terphenyl-d14
 Concen: 68.587 ng
 RT: 20.216 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

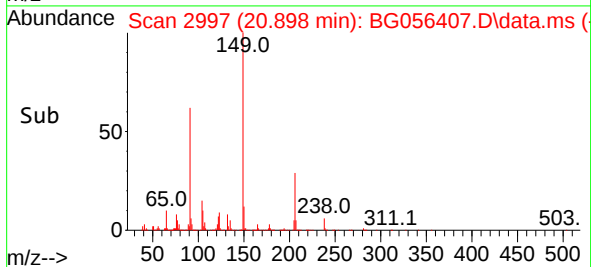
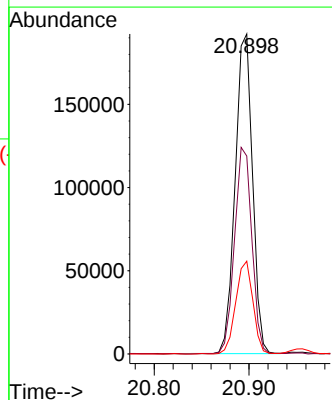
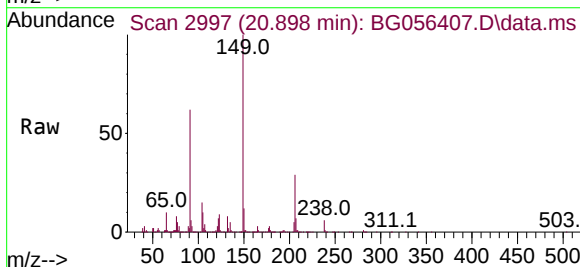
Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

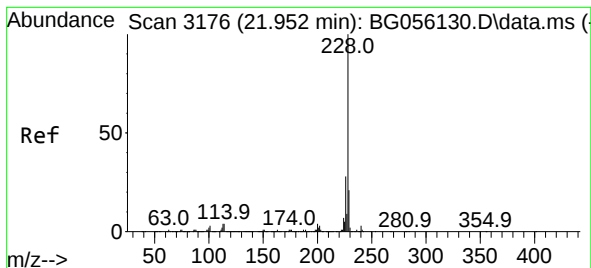
Tgt Ion:244 Resp: 1049096
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 5.4 3.5 5.3#



#80
 Butylbenzylphthalate
 Concen: 43.874 ng
 RT: 20.898 min Scan# 2997
 Delta R.T. -0.004 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

Tgt Ion:149 Resp: 243054
 Ion Ratio Lower Upper
 149 100
 91 61.9 53.5 80.3
 206 29.0 21.9 32.9





#81

Benzo(a)anthracene

Concen: 41.778 ng

RT: 21.914 min Scan# 3170

Delta R.T. -0.010 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

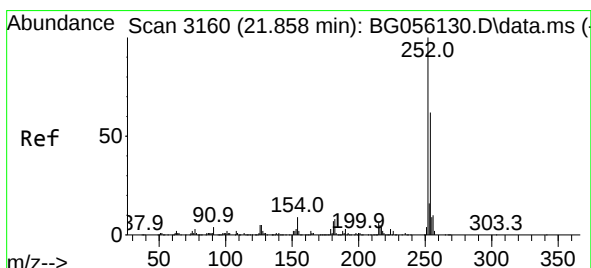
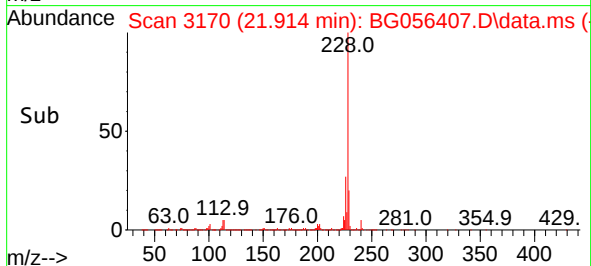
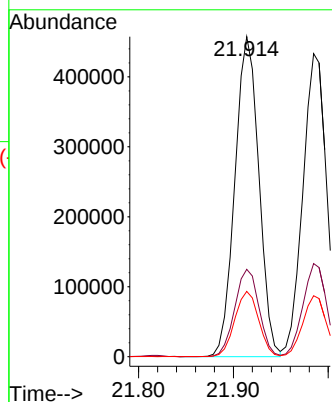
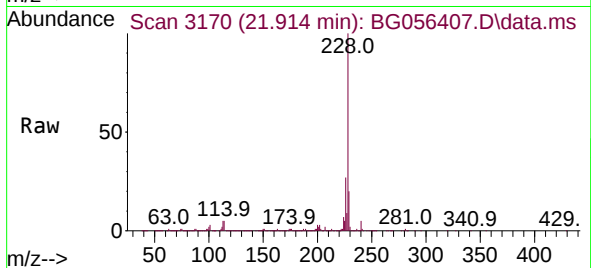
Tgt Ion:228 Resp: 803896

Ion Ratio Lower Upper

228 100

226 27.3 22.6 34.0

229 20.4 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 22.484 ng

RT: 21.814 min Scan# 3153

Delta R.T. -0.010 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

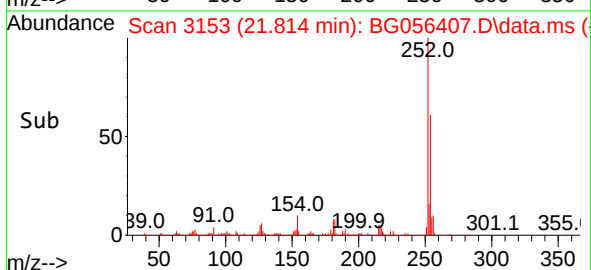
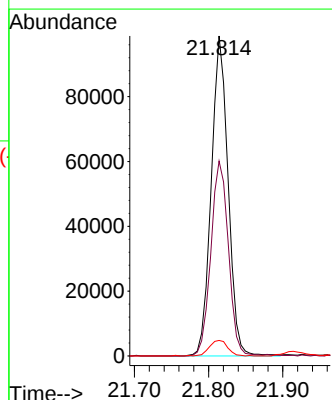
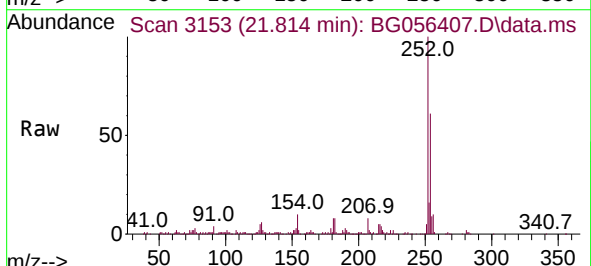
Tgt Ion:252 Resp: 155744

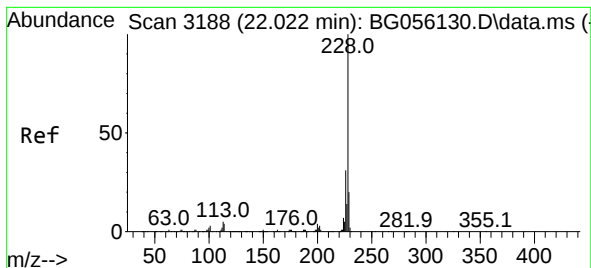
Ion Ratio Lower Upper

252 100

254 60.9 49.5 74.3

126 4.9 4.0 6.0





#83

Chrysene

Concen: 41.683 ng

RT: 21.985 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

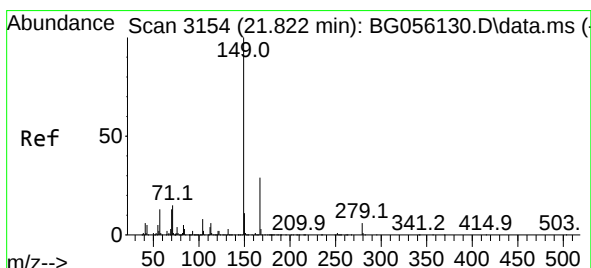
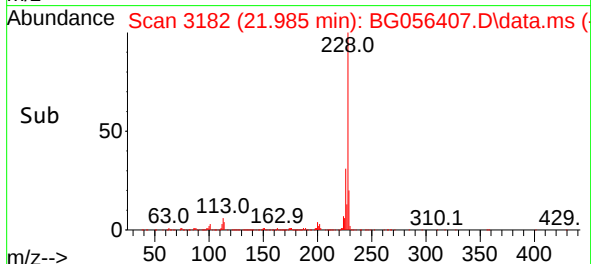
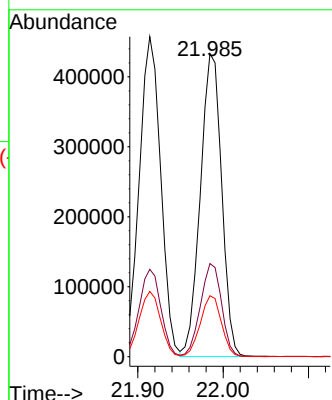
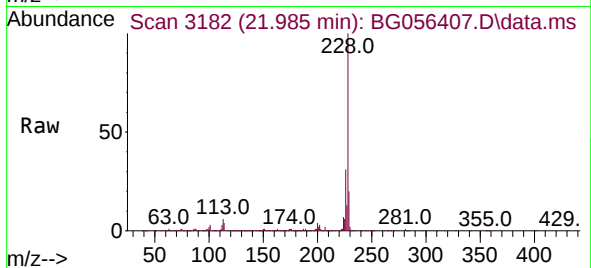
Tgt Ion:228 Resp: 751296

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.910 ng

RT: 21.773 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

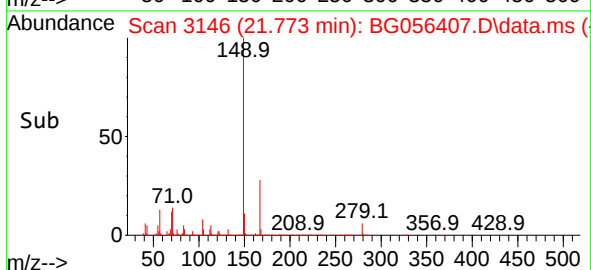
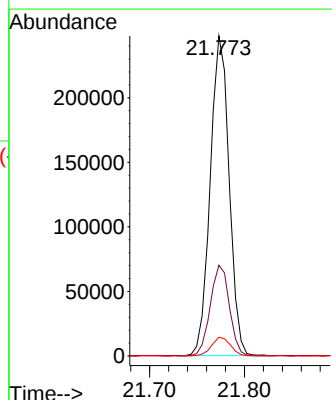
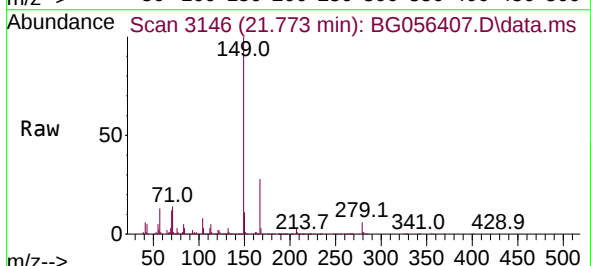
Tgt Ion:149 Resp: 342478

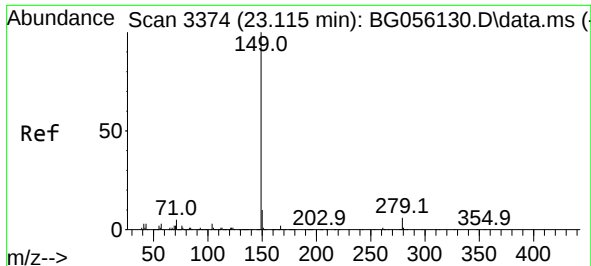
Ion Ratio Lower Upper

149 100

167 28.3 23.4 35.2

279 5.8 4.7 7.1

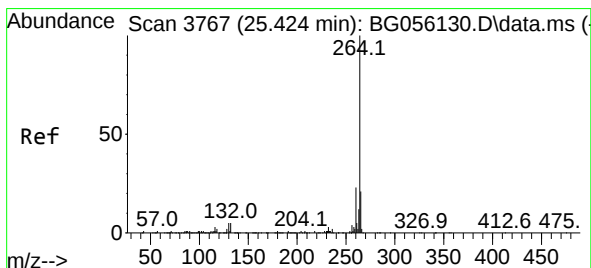
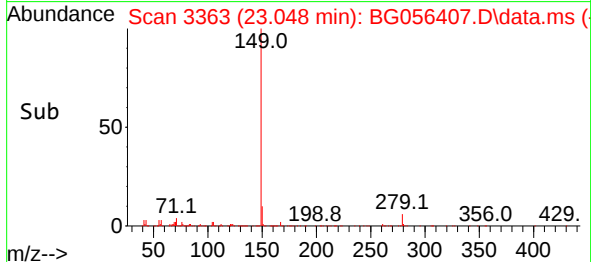
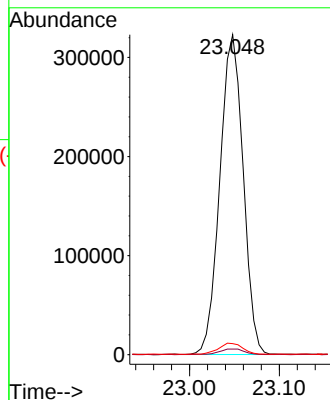
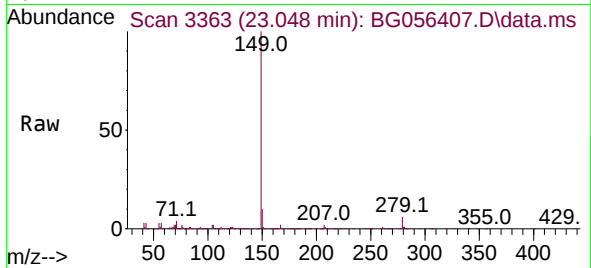




#85
Di-n-octyl phthalate
Concen: 43.160 ng
RT: 23.048 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

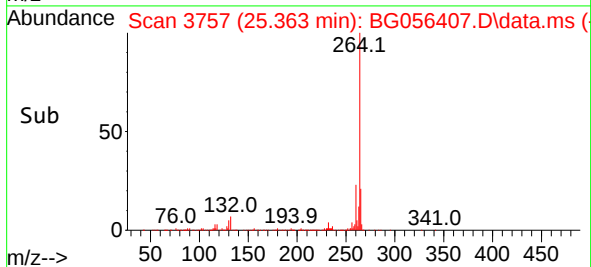
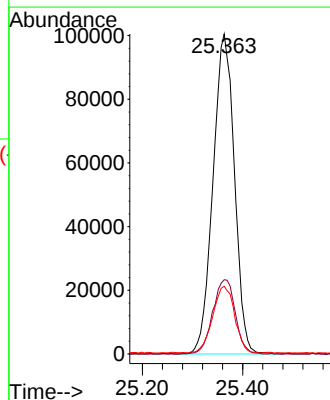
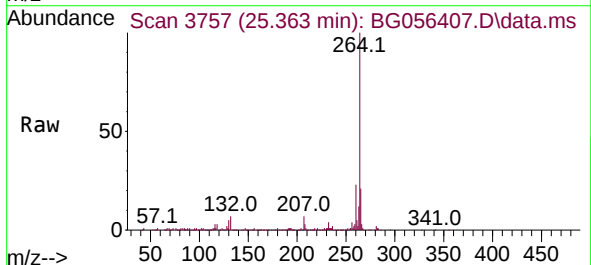
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

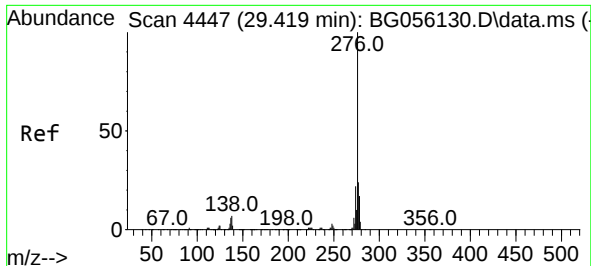
Tgt Ion:149 Resp: 581525
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.2
43 3.6 2.9 4.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.363 min Scan# 3757
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:264 Resp: 297289
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.2 16.7 25.1

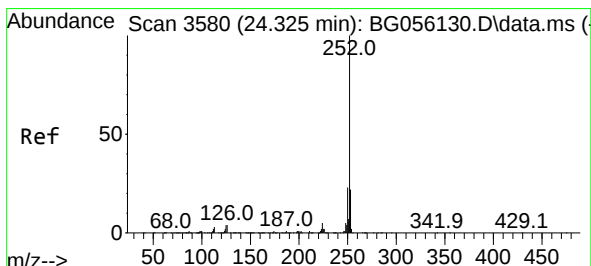
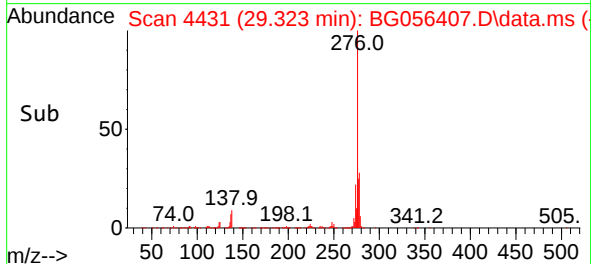
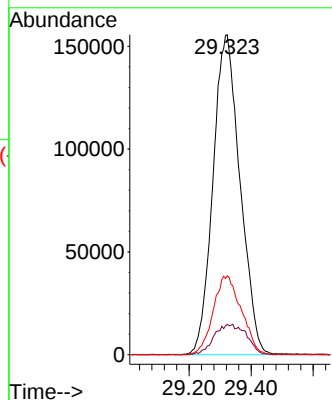
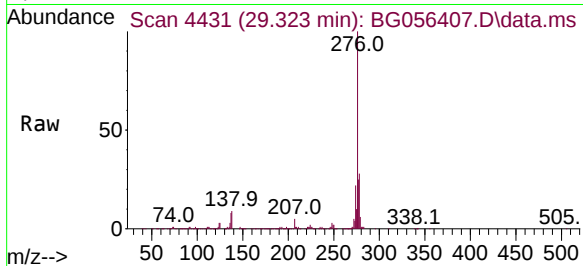




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.550 ng
 RT: 29.323 min Scan# 4447
 Delta R.T. -0.010 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

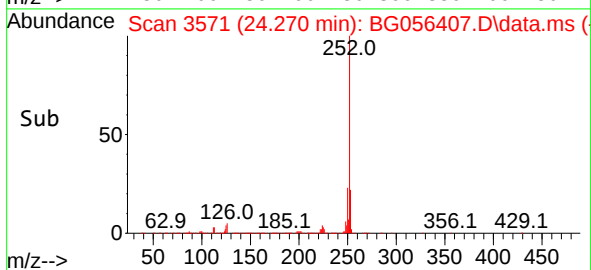
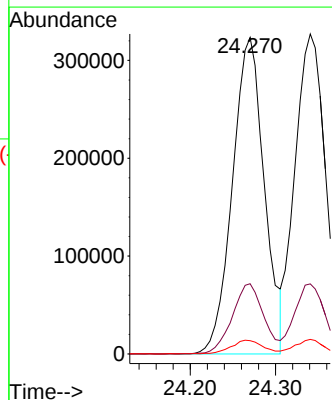
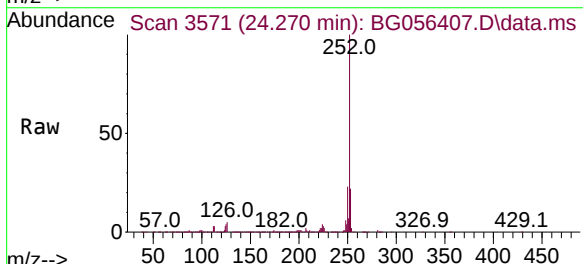
Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

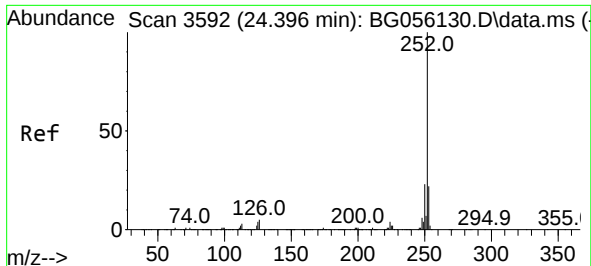
Tgt Ion:276 Resp: 941583
 Ion Ratio Lower Upper
 276 100
 138 11.3 5.0 7.4#
 277 25.7 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 44.426 ng
 RT: 24.270 min Scan# 3571
 Delta R.T. -0.010 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

Tgt Ion:252 Resp: 839152
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.2
 125 4.2 3.0 4.4

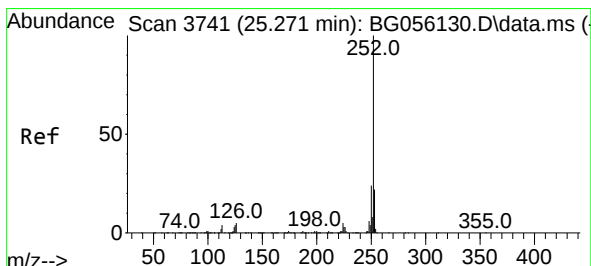
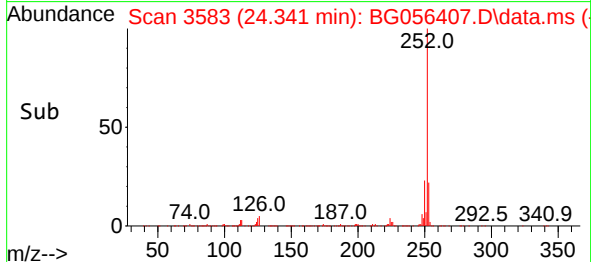
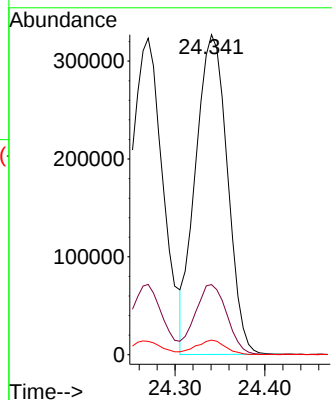
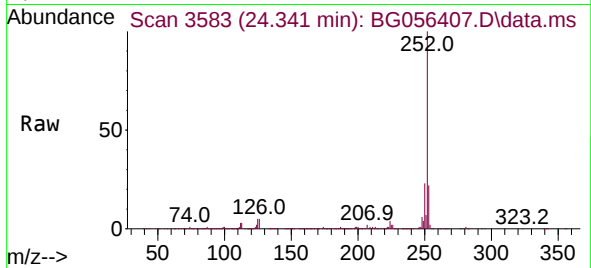




#89
Benzo(k)fluoranthene
Concen: 42.864 ng
RT: 24.341 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

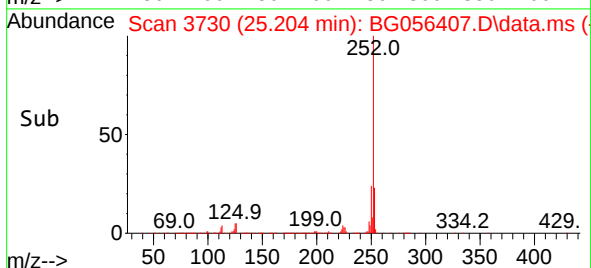
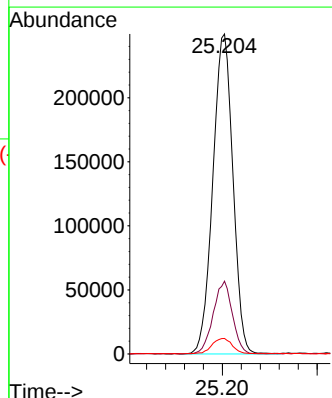
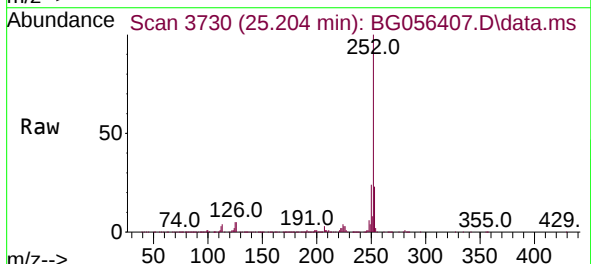
Instrument :
BNA_G
ClientSampleId :
TP-28MSD

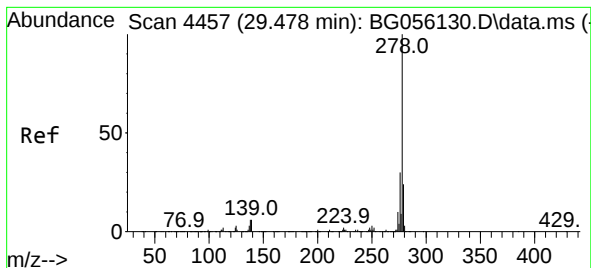
Tgt Ion:252 Resp: 806244
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 4.6 3.4 5.0



#90
Benzo(a)pyrene
Concen: 39.793 ng
RT: 25.204 min Scan# 3730
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:252 Resp: 733119
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 4.8 3.2 4.8#





#91

Dibenzo(a,h)anthracene

Concen: 44.128 ng

RT: 29.376 min Scan# 4440

Delta R.T. -0.016 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

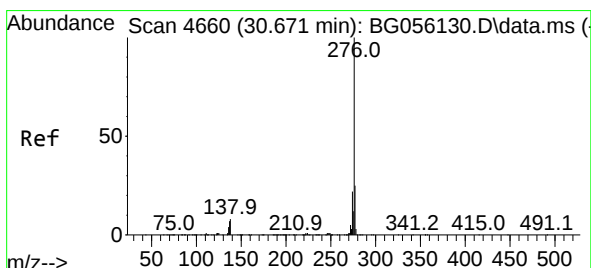
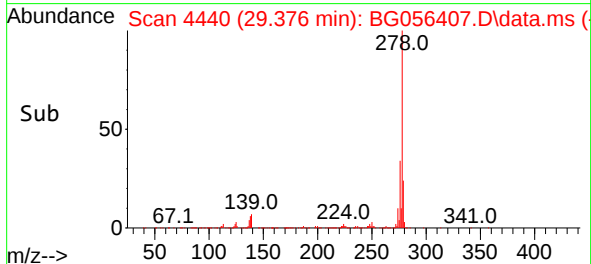
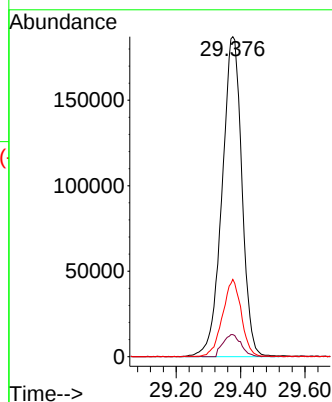
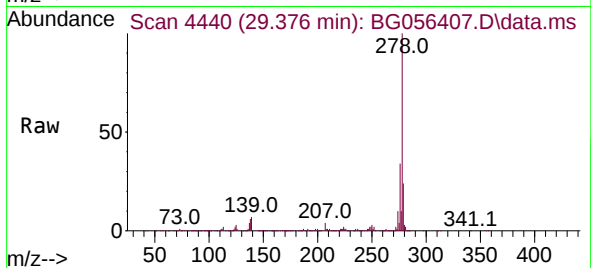
Tgt Ion:278 Resp: 799893

Ion Ratio Lower Upper

278 100

139 6.9 4.8 7.2

279 24.2 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 43.340 ng

RT: 30.563 min Scan# 4642

Delta R.T. -0.010 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Tgt Ion:276 Resp: 761846

Ion Ratio Lower Upper

276 100

277 25.0 19.7 29.5

138 9.8 6.7 10.1

