

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063903.D
 Acq On : 28 Dec 2024 14:06
 Operator : RC/JU
 Sample : P5326-03MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YE680MSD

Quant Time: Dec 29 23:24:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	101531	20.000	ng/u1	0.00
20) Naphthalene-d8	10.590	136	421609	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	291972	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.200	188	708080	20.000	ng/u1	0.01
79) Chrysene-d12	21.454	240	714475	20.000	ng/u1	0.02
88) Perylene-d12	24.474	264	711128	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	7963	3.073	ng/uL	0.00
4) Pyridine-d5	3.669	84	89282	10.924	ng/u1	0.00
7) Phenol-d5	6.989	99	95256	10.187	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	243151	37.649	ng/u1	0.00
11) 2-Chlorophenol-d4	7.335	132	205681	33.975	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	170797	23.526	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	130311	43.288	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	143480	42.520	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	267307	40.915	ng/u1	0.00
31) 4-Chloroaniline-d4	10.731	131	232302	28.004	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	870915	43.836	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	971436	42.893	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	31125	11.057	ng/u1	0.01
60) Fluorene-d10	15.443	176	756404	43.061	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.579	200	165567	45.035	ng/u1	0.01
73) Anthracene-d10	17.300	188	1375607	45.186	ng/u1	0.01
81) Pyrene-d10	19.597	212	1633283	43.930	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.274	264	1604717	48.053	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	20484	6.681	ng/uL#	1
5) Pyridine	3.693	79	91770	10.483	ng/u1	92
6) Benzaldehyde	6.942	77	176015	30.687	ng/u1	95
8) Phenol	7.012	94	108487	10.886	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.224	93	289328	37.945	ng/u1	96
12) 2-Chlorophenol	7.371	128	215374	35.146	ng/u1	98
13) 2-Methylphenol	8.252	108	208215	28.907	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.317	45	420138	37.116	ng/u1	98
16) Acetophenone	8.616	105	486857	39.537	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.599	70	271408	36.939	ng/u1	92
18) 4-Methylphenol	8.581	108	196169	24.884	ng/u1	98
19) Hexachloroethane	8.869	117	79484	26.398	ng/u1	96
22) Nitrobenzene	8.998	77	400337	39.825	ng/u1	96
23) Isophorone	9.515	82	738180	38.865	ng/u1	98
25) 2-Nitrophenol	9.709	139	151071	43.562	ng/u1	88
26) 2,4-Dimethylphenol	9.780	107	282062	35.843	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.003	93	423485	41.222	ng/u1	96
29) 2,4-Dichlorophenol	10.250	162	269593	41.530	ng/u1	99
30) Naphthalene	10.637	128	795063	37.718	ng/u1	99
32) 4-Chloroaniline	10.749	127	151873	19.242	ng/u1	95
33) Hexachlorobutadiene	10.925	225	159649	30.272	ng/u1	98
34) Caprolactam	11.519	113	15644	6.971	ng/u1	85
35) 4-Chloro-3-methylphenol	11.895	107	290388	38.102	ng/u1	98
36) 2-Methylnaphthalene	12.253	142	588439	38.842	ng/u1	100

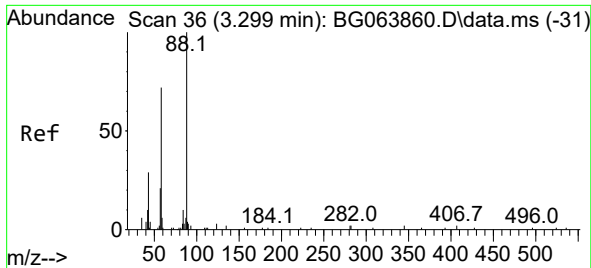
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 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.476	142	592319	38.383	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.629	216	371692	39.767	ng/ul	97
40) Hexachlorocyclopentadiene	12.606	237	56421	15.270	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.876	196	235507	44.580	ng/ul	96
42) 2,4,5-Trichlorophenol	12.958	196	240121	43.554	ng/ul	95
43) 1,1'-Biphenyl	13.270	154	824933	42.842	ng/ul	98
44) 2-Chloronaphthalene	13.311	162	663042	42.881	ng/ul	98
45) 2-Nitroaniline	13.522	65	253304	48.908	ng/ul	95
47) Dimethylphthalate	13.898	163	878064	44.098	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	189622	51.278	ng/ul	95
50) Acenaphthylene	14.163	152	1051870	43.315	ng/ul	99
51) 3-Nitroaniline	14.357	138	171371	50.124	ng/ul	90
52) Acenaphthene	14.509	153	746077	43.346	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	78560	41.570	ng/ul	92
55) 4-Nitrophenol	14.691	109	27468	9.397	ng/ul	92
56) Dibenzofuran	14.844	168	1080568	44.530	ng/ul	96
57) 2,4-Dinitrotoluene	14.821	165	279401	50.848	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.085	232	215942	45.438	ng/ul	94
59) Diethylphthalate	15.267	149	899946	46.753	ng/ul	97
61) Fluorene	15.496	166	856866	44.222	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.490	204	451045	41.783	ng/ul	96
63) 4-Nitroaniline	15.526	138	196334	57.360	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.596	198	170978	45.143	ng/ul	93
67) N-Nitrosodiphenylamine	15.708	169	755676	44.072	ng/ul	98
68) 4-Bromophenyl-phenylether	16.384	248	313794	43.484	ng/ul	95
69) Hexachlorobenzene	16.513	284	355229	43.937	ng/ul	96
70) Atrazine	16.660	200	326252	45.012	ng/ul	98
71) Pentachlorophenol	16.859	266	131866	38.683	ng/ul	97
72) Phenanthrene	17.241	178	1614268	47.309	ng/ul	99
74) Anthracene	17.335	178	1617733	46.841	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	372784	39.459	ng/ul	99
76) Pentachlorobenzene	14.768	250	388461	41.506	ng/ul	98
77) Carbazole	17.606	167	1441868	51.576	ng/ul	98
78) Di-n-butylphthalate	18.164	149	1729000	51.211	ng/ul	99
80) Fluoranthene	19.263	202	1978454	46.818	ng/ul	97
82) Pyrene	19.627	202	2083175	46.335	ng/ul#	93
83) Butylbenzylphthalate	20.520	149	757507	54.887	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.354	252	582175	45.138	ng/ul	94
85) Benzo(a)anthracene	21.436	228	2002421	44.720	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.342	149	1108883	55.234	ng/ul	96
87) Chrysene	21.495	228	1903650	44.606	ng/ul	97
89) Di-n-octyl phthalate	22.482	149	1872660	61.011	ng/ul	100
90) Benzo(b)fluoranthene	23.522	252	1934990	47.875	ng/ul	99
91) Benzo(k)fluoranthene	23.587	252	1968580	48.829	ng/ul	99
93) Benzo(a)pyrene	24.339	252	1781419	46.957	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.894	276	2302105	49.689	ng/ul	97
95) Dibenzo(a,h)anthracene	27.941	278	1860158	50.178	ng/ul	98
96) Benzo(g,h,i)perylene	28.957	276	1783188	48.504	ng/ul	96

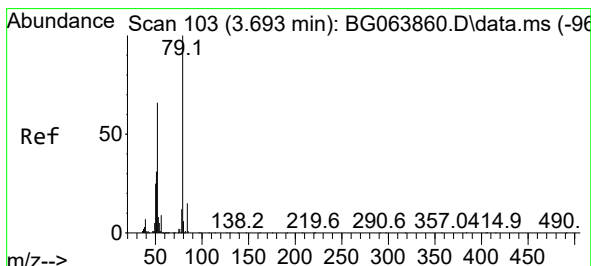
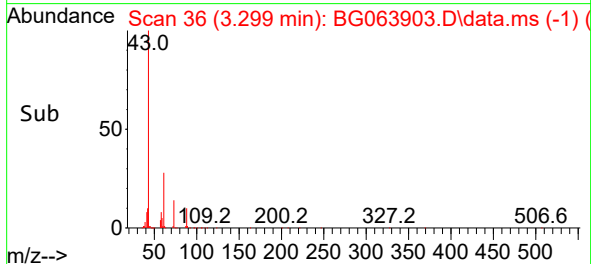
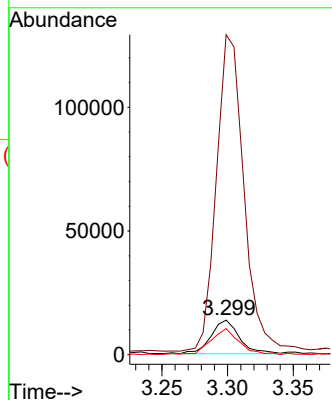
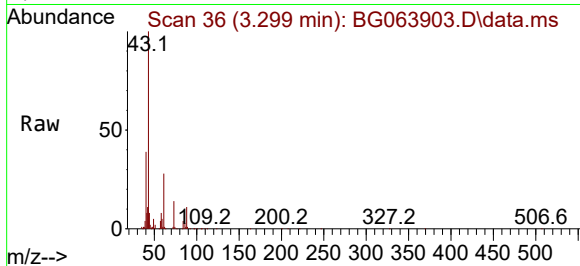
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#2
 1,4-Dioxane
 Concen: 6.681 ng/uL
 RT: 3.299 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG063903.D
 Acq: 28 Dec 2024 14:06

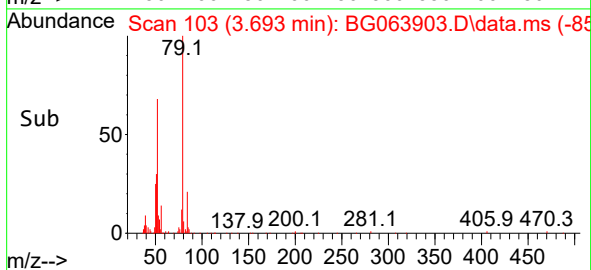
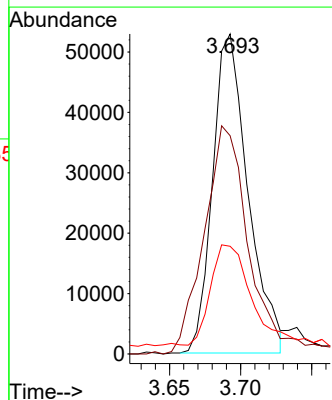
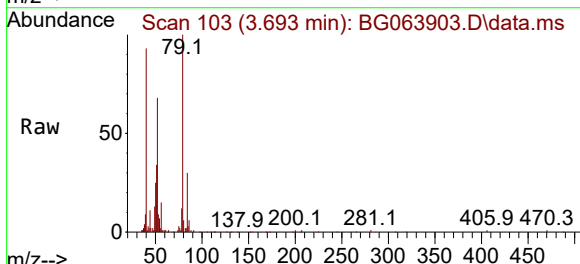
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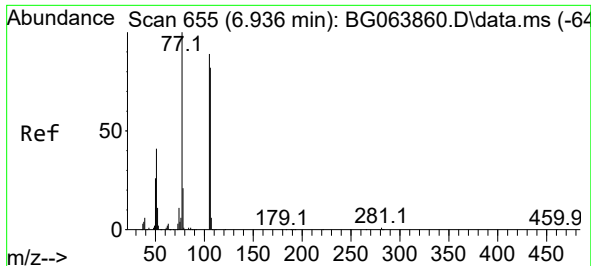
Tgt Ion: 88 Resp: 20484
 Ion Ratio Lower Upper
 88 100
 43 927.9 20.9 31.3#
 58 75.7 57.7 86.5



#5
 Pyridine
 Concen: 10.483 ng/uL
 RT: 3.693 min Scan# 103
 Delta R.T. 0.006 min
 Lab File: BG063903.D
 Acq: 28 Dec 2024 14:06

Tgt Ion: 79 Resp: 91770
 Ion Ratio Lower Upper
 79 100
 52 68.2 60.9 91.3
 51 33.6 29.5 44.3

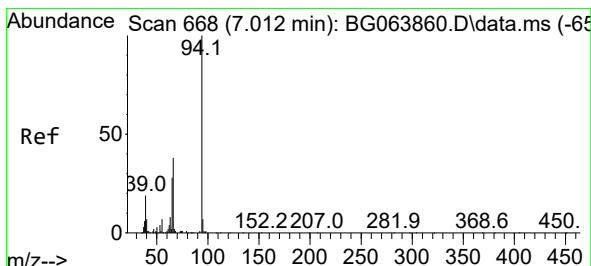
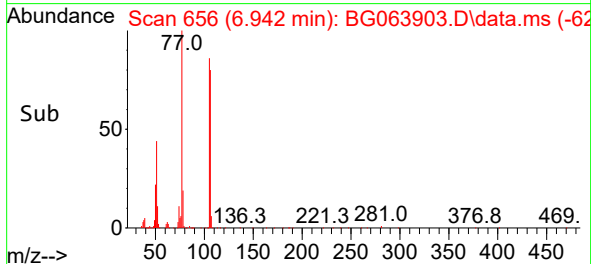
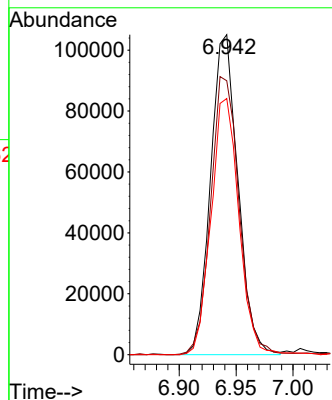
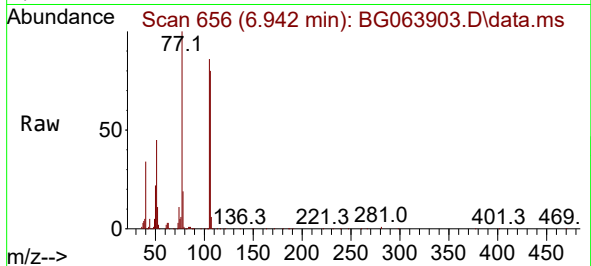




#6
Benzaldehyde
Concen: 30.687 ng/ul
RT: 6.942 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

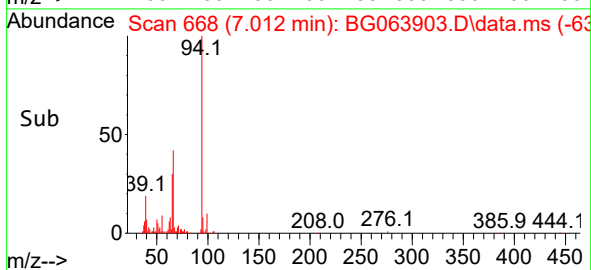
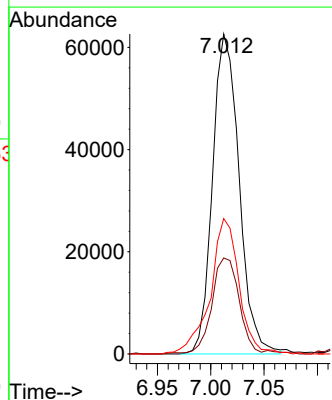
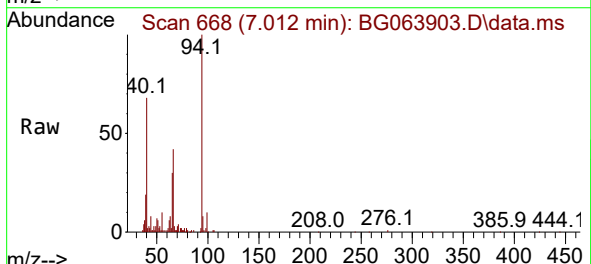
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ClientSampleId :
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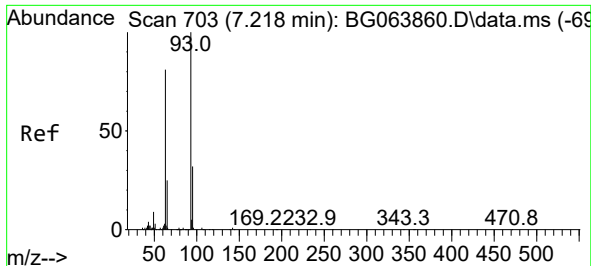
Tgt Ion: 77 Resp: 176015
Ion Ratio Lower Upper
77 100
105 85.6 65.2 97.8
106 80.0 61.0 91.4



#8
Phenol
Concen: 10.886 ng/ul
RT: 7.012 min Scan# 668
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion: 94 Resp: 108487
Ion Ratio Lower Upper
94 100
65 30.0 25.6 38.4
66 42.3 34.2 51.2

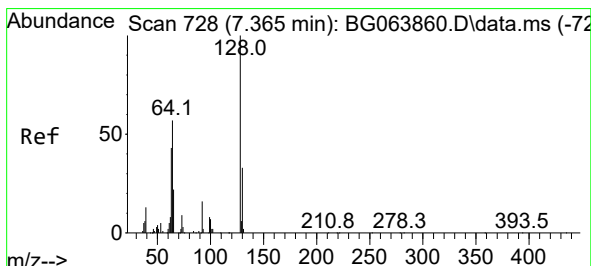
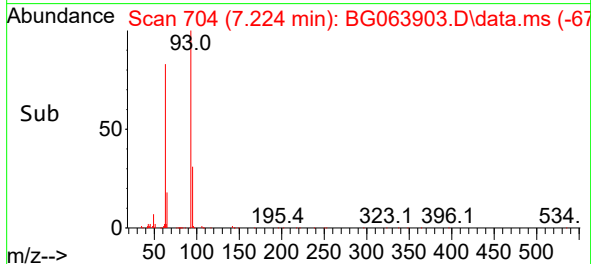
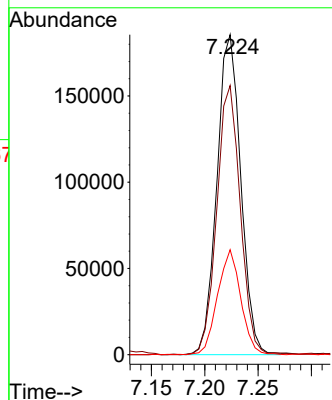
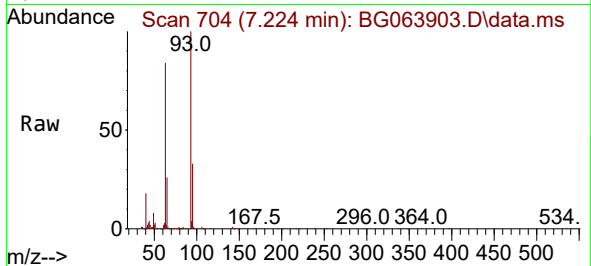




#10
Bis(2-Chloroethyl)ether
Concen: 37.945 ng/ul
RT: 7.224 min Scan# 704
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

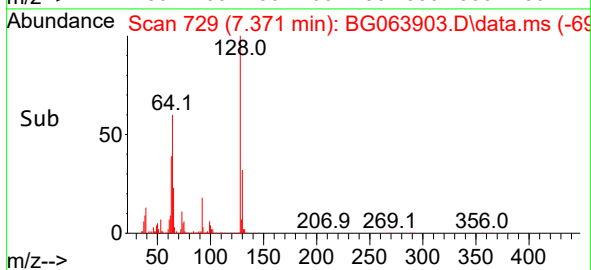
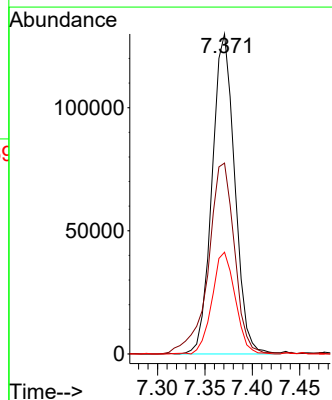
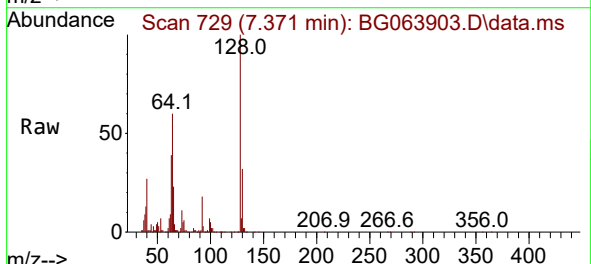
Instrument :
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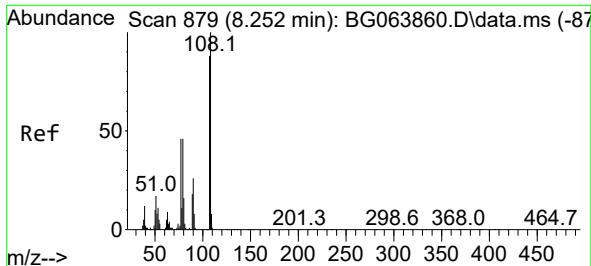
Tgt Ion: 93 Resp: 289328
Ion Ratio Lower Upper
93 100
63 84.1 63.8 95.6
95 32.8 27.6 41.4



#12
2-Chlorophenol
Concen: 35.146 ng/ul
RT: 7.371 min Scan# 729
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:128 Resp: 215374
Ion Ratio Lower Upper
128 100
64 59.7 48.9 73.3
130 31.8 24.2 36.2

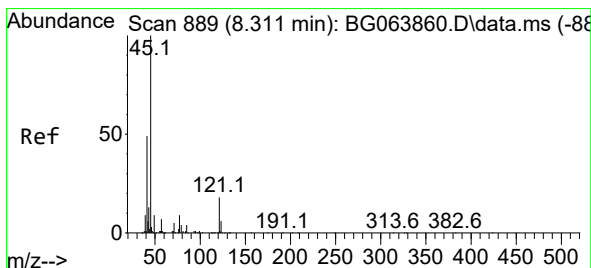
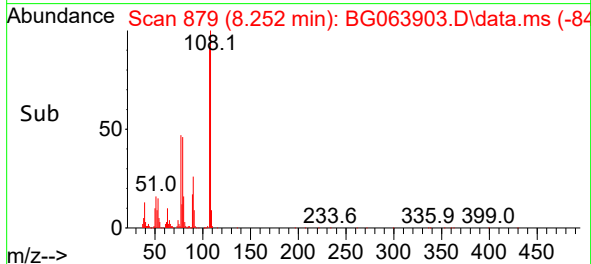
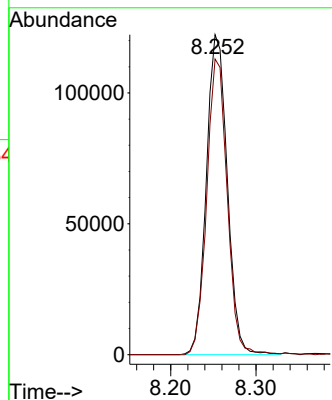
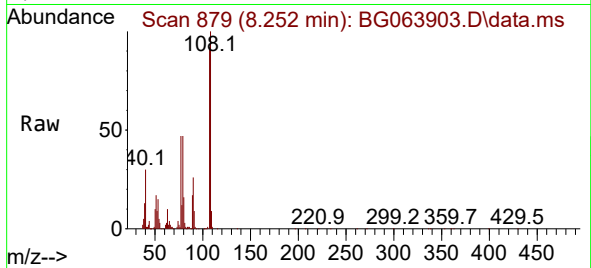




#13
2-Methylphenol
Concen: 28.907 ng/ul
RT: 8.252 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

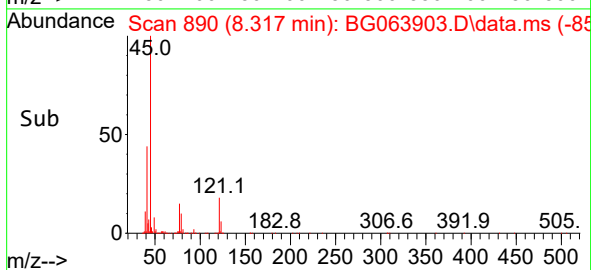
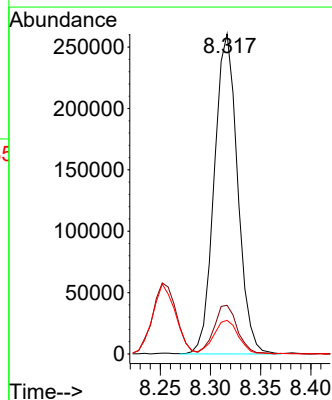
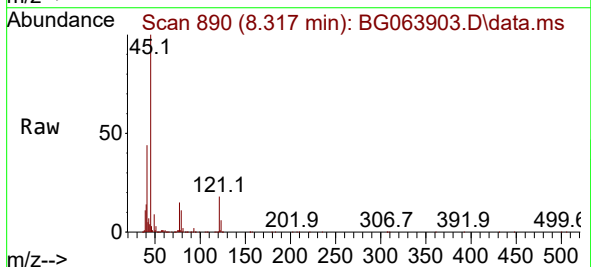
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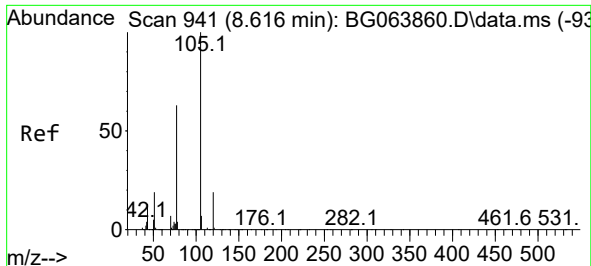
Tgt Ion:108 Resp: 208215
Ion Ratio Lower Upper
108 100
107 92.4 72.6 108.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 37.116 ng/ul
RT: 8.317 min Scan# 890
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion: 45 Resp: 420138
Ion Ratio Lower Upper
45 100
77 15.2 11.5 17.3
79 10.5 9.2 13.8

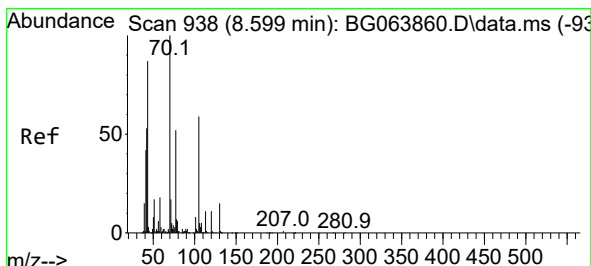
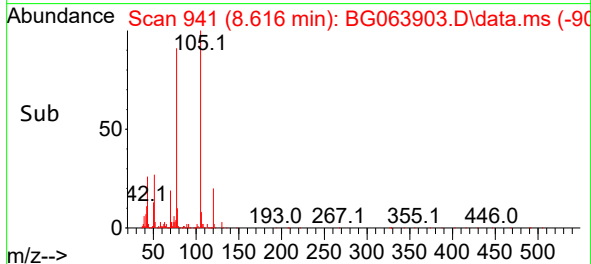
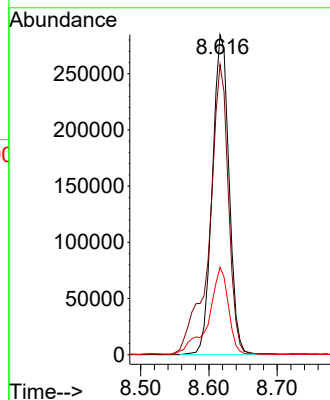
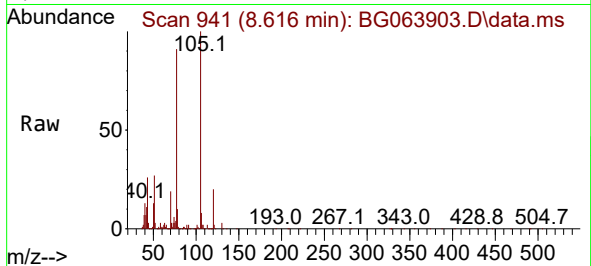




#16
Acetophenone
Concen: 39.537 ng/ul
RT: 8.616 min Scan# 941
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

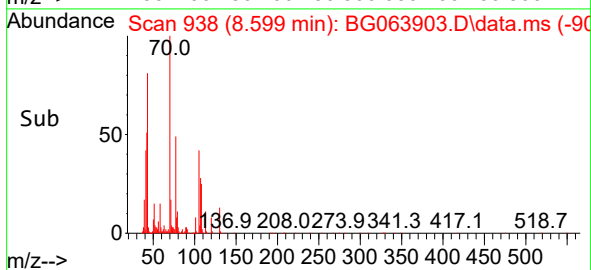
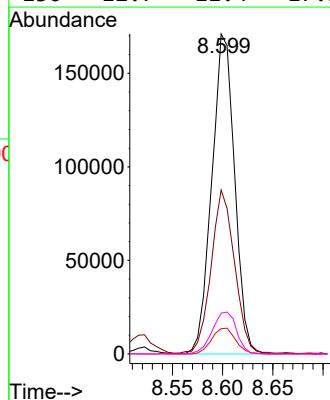
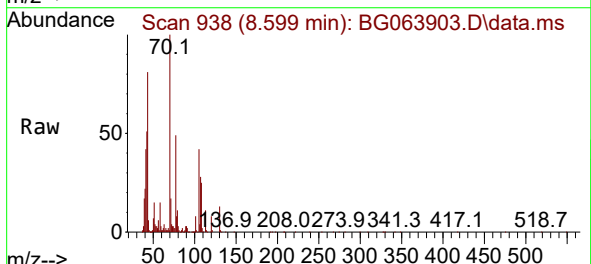
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ClientSampleId :
YE680MSD

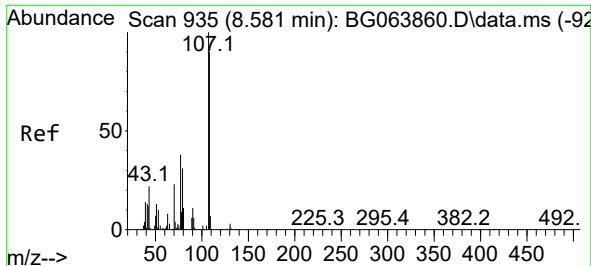
Tgt Ion:105 Resp: 486857
Ion Ratio Lower Upper
105 100
77 90.7 73.6 110.4
51 27.3 25.4 38.2



#17
N-Nitroso-di-n-propylamine
Concen: 36.939 ng/ul
RT: 8.599 min Scan# 938
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion: 70 Resp: 271408
Ion Ratio Lower Upper
70 100
42 51.3 47.4 71.0
101 7.9 6.1 9.1
130 12.7 11.4 17.2

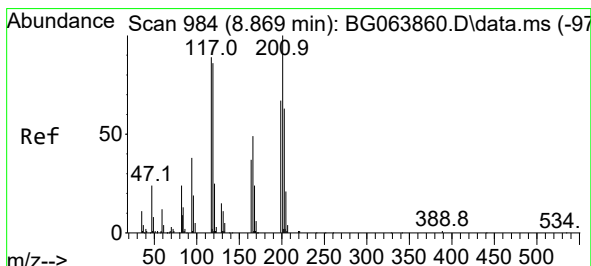
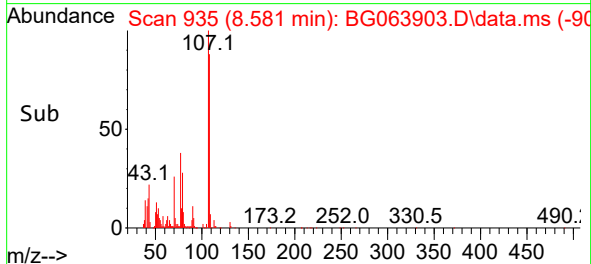
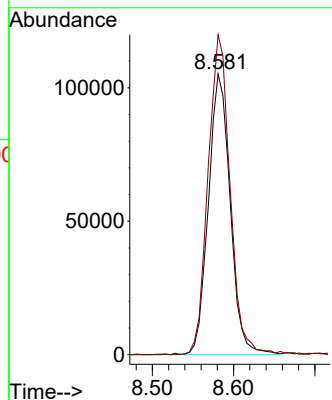
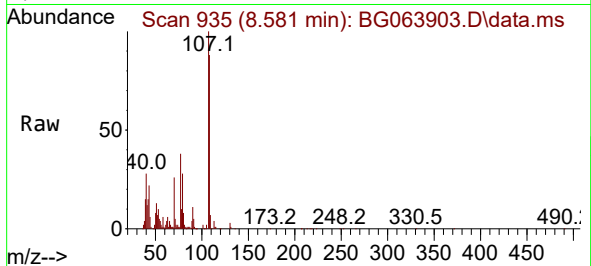




#18
4-Methylphenol
Concen: 24.884 ng/ul
RT: 8.581 min Scan# 911
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

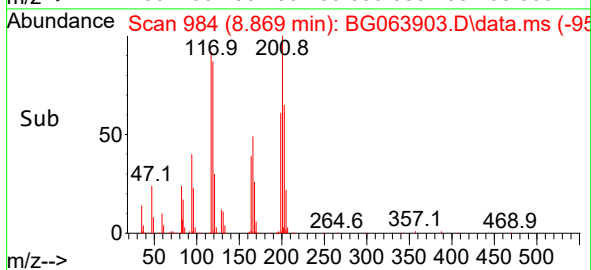
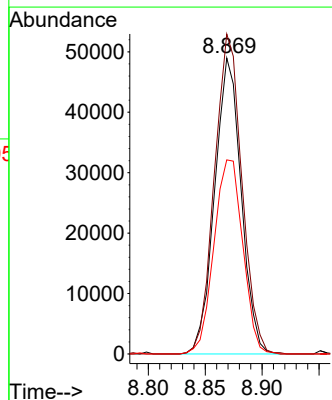
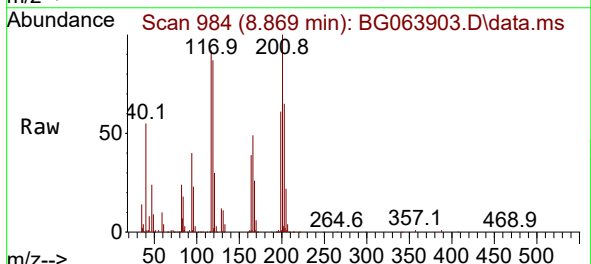
Instrument :
BNA_G
ClientSampleId :
YE680MSD

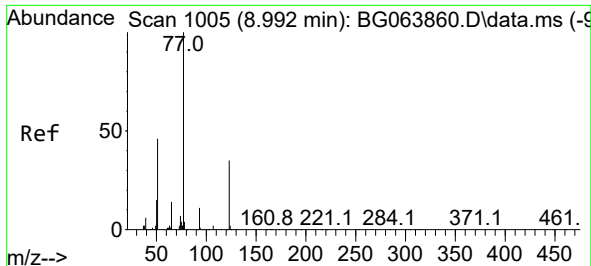
Tgt Ion:108 Resp: 196169
Ion Ratio Lower Upper
108 100
107 113.9 89.2 133.8



#19
Hexachloroethane
Concen: 26.398 ng/ul
RT: 8.869 min Scan# 984
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:117 Resp: 79484
Ion Ratio Lower Upper
117 100
201 108.1 86.8 130.2
199 65.6 59.4 89.2

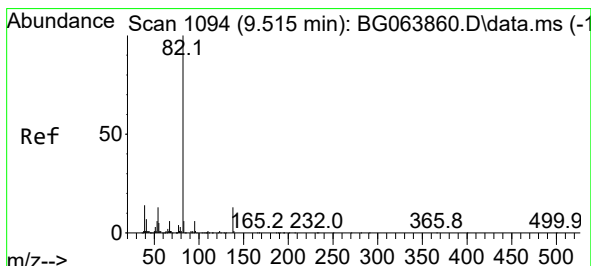
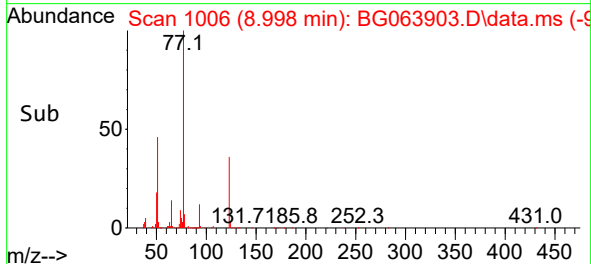
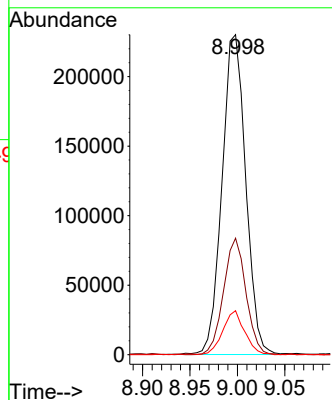
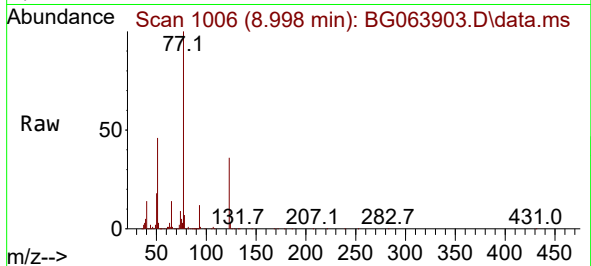




#22
Nitrobenzene
Concen: 39.825 ng/ul
RT: 8.998 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

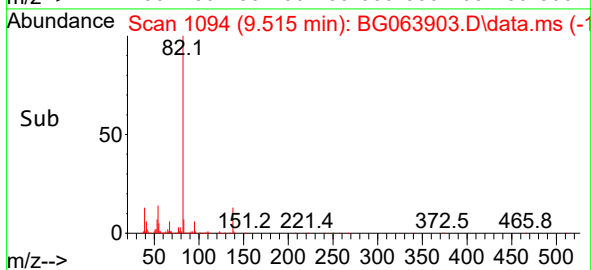
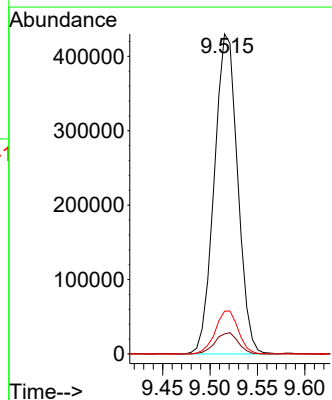
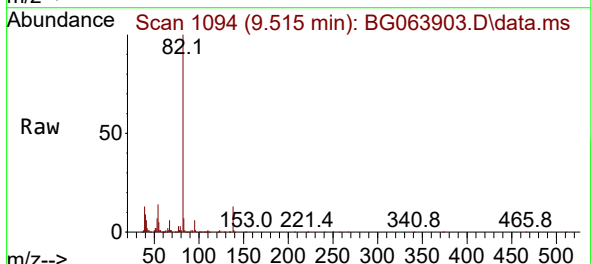
Instrument :
BNA_G
ClientSampleId :
YE680MSD

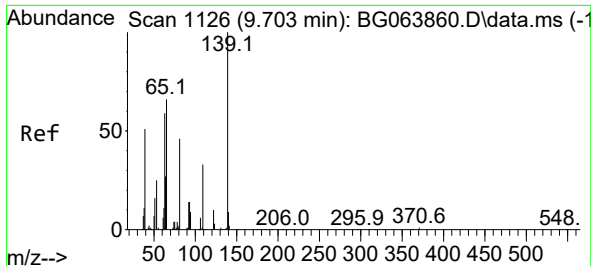
Tgt Ion: 77 Resp: 400337
Ion Ratio Lower Upper
77 100
123 36.4 27.0 40.4
65 13.8 10.8 16.2



#23
Isophorone
Concen: 38.865 ng/ul
RT: 9.515 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion: 82 Resp: 738180
Ion Ratio Lower Upper
82 100
95 6.3 5.8 8.6
138 13.4 10.3 15.5

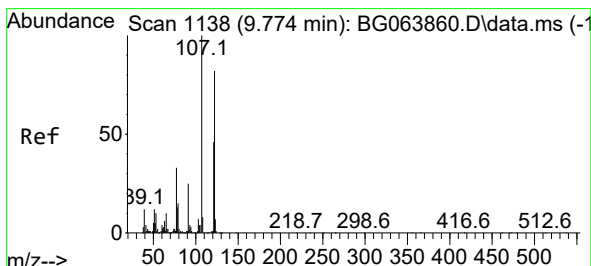
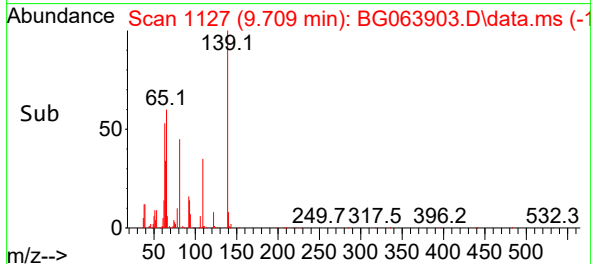
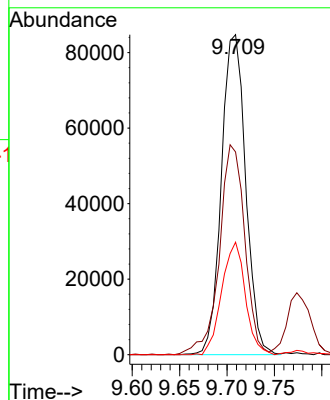
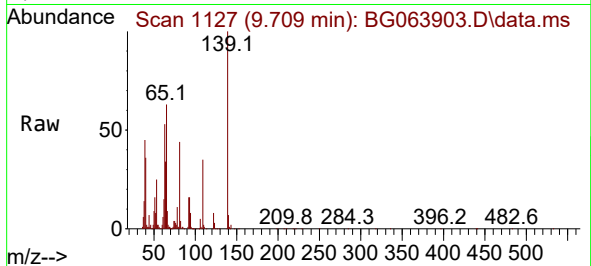




#25
2-Nitrophenol
Concen: 43.562 ng/ul
RT: 9.709 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

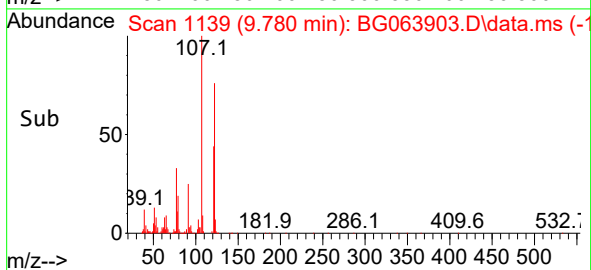
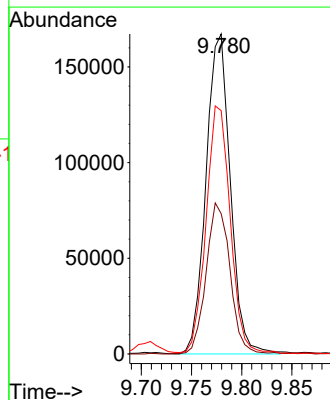
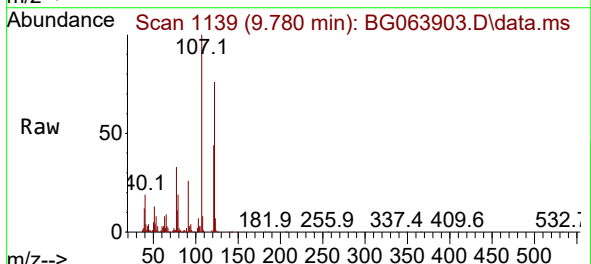
Instrument :
BNA_G
ClientSampleId :
YE680MSD

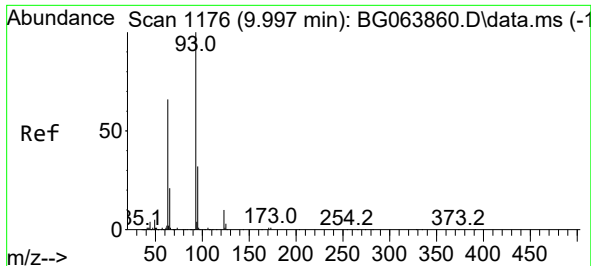
Tgt Ion:139 Resp: 151071
Ion Ratio Lower Upper
139 100
65 63.4 62.2 93.2
109 35.2 26.9 40.3



#26
2,4-Dimethylphenol
Concen: 35.843 ng/ul
RT: 9.780 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:107 Resp: 282062
Ion Ratio Lower Upper
107 100
121 43.9 38.4 57.6
122 76.0 61.8 92.8



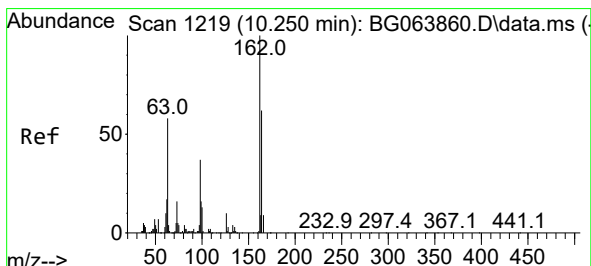
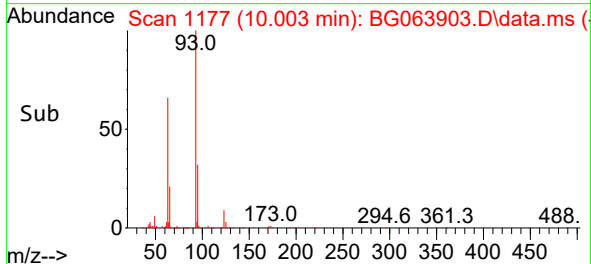
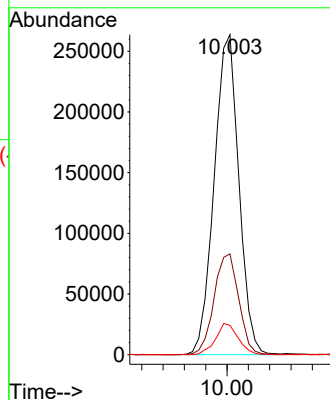
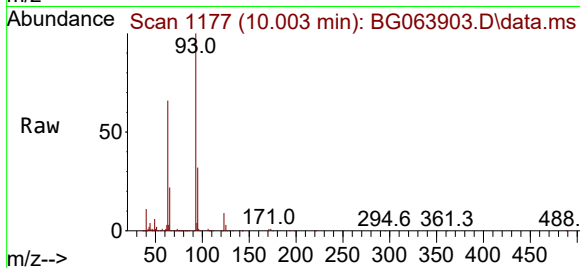


#27
 Bis(2-Chloroethoxy)methane
 Concen: 41.222 ng/ul
 RT: 10.003 min Scan# 1177
 Delta R.T. 0.006 min
 Lab File: BG063903.D
 Acq: 28 Dec 2024 14:06

Instrument :
 BNA_G
 ClientSampleId :
 YE680MSD

Tgt Ion: 93 Resp: 423485

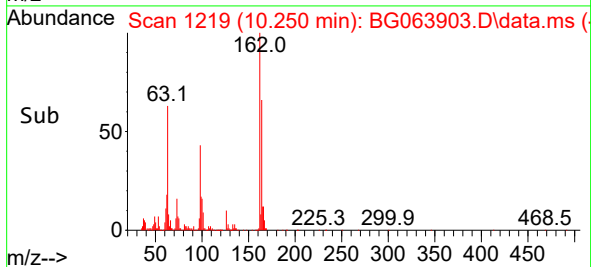
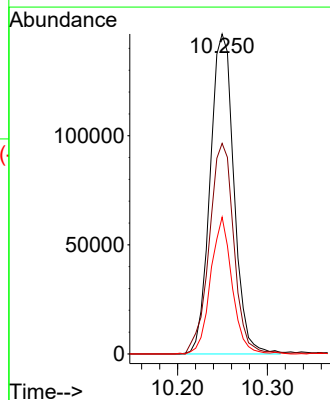
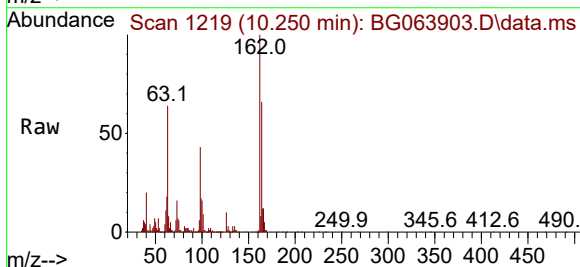
Ion	Ratio	Lower	Upper
93	100		
95	31.5	23.5	35.3
123	9.2	6.2	9.4

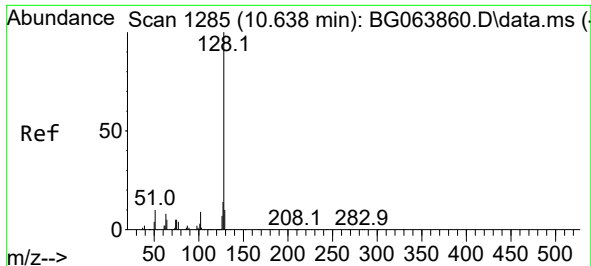


#29
 2,4-Dichlorophenol
 Concen: 41.530 ng/ul
 RT: 10.250 min Scan# 1219
 Delta R.T. 0.006 min
 Lab File: BG063903.D
 Acq: 28 Dec 2024 14:06

Tgt Ion:162 Resp: 269593

Ion	Ratio	Lower	Upper
162	100		
164	65.8	53.0	79.4
98	42.8	33.0	49.6

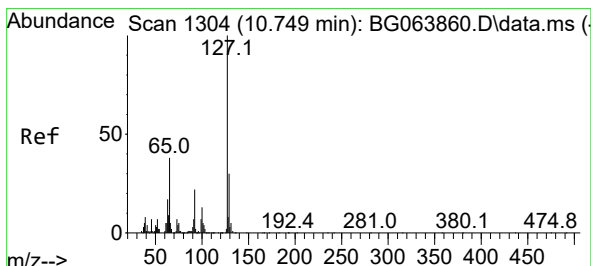
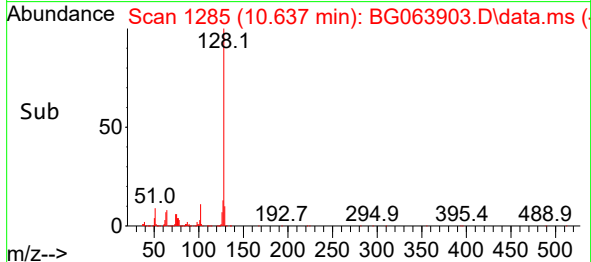
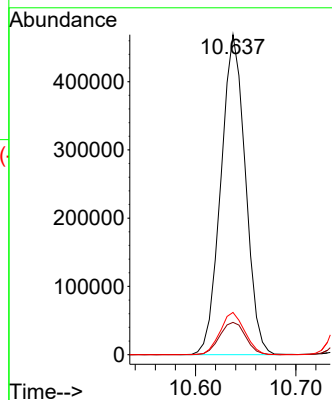
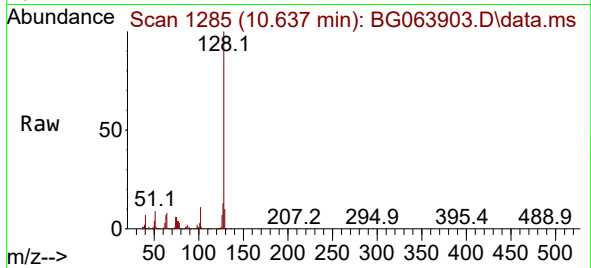




#30
Naphthalene
Concen: 37.718 ng/ul
RT: 10.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

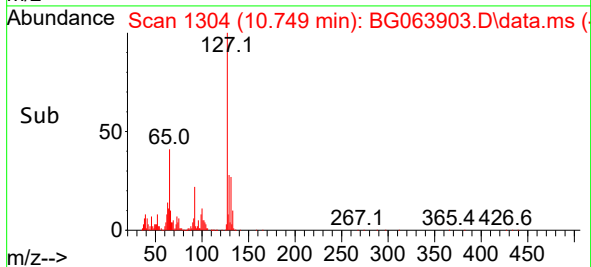
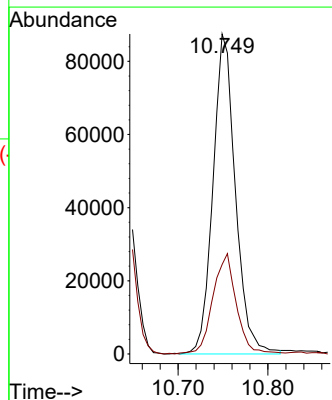
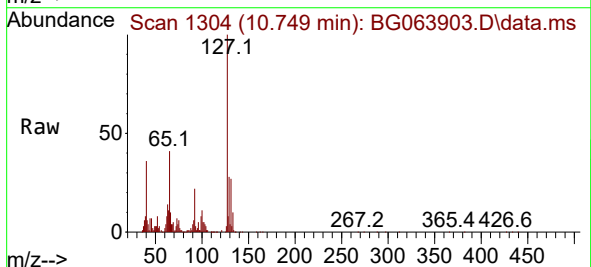
Instrument :
BNA_G
ClientSampleId :
YE680MSD

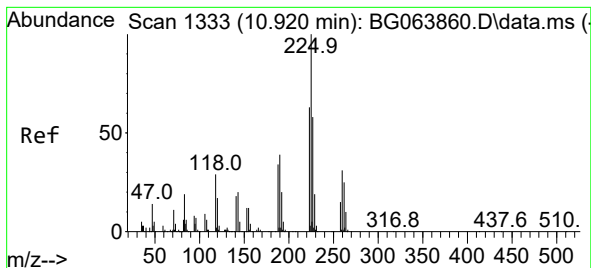
Tgt Ion:128 Resp: 795063
Ion Ratio Lower Upper
128 100
129 10.1 8.2 12.2
127 13.2 9.8 14.8



#32
4-Chloroaniline
Concen: 19.242 ng/ul
RT: 10.749 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:127 Resp: 151873
Ion Ratio Lower Upper
127 100
129 28.0 24.5 36.7

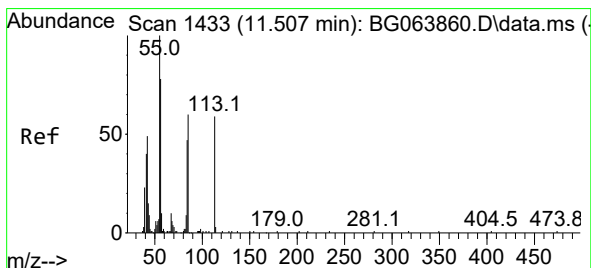
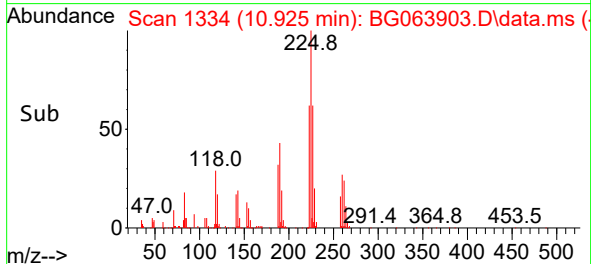
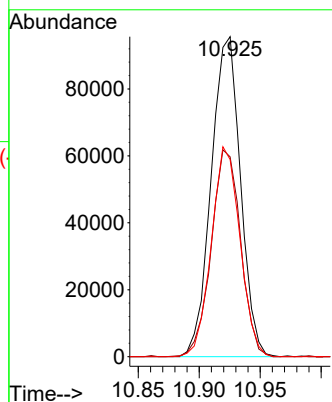
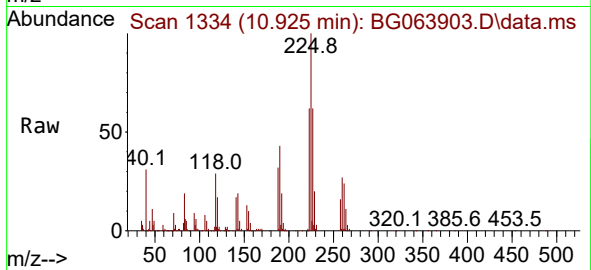




#33
Hexachlorobutadiene
Concen: 30.272 ng/ul
RT: 10.925 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

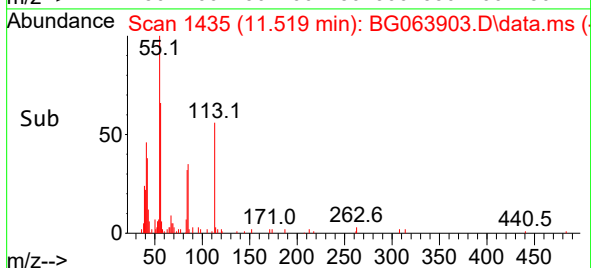
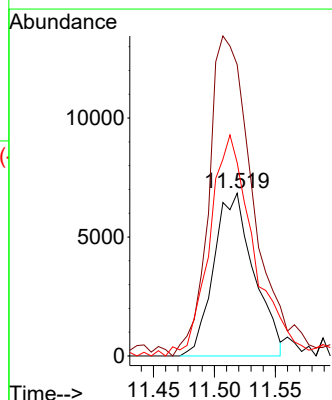
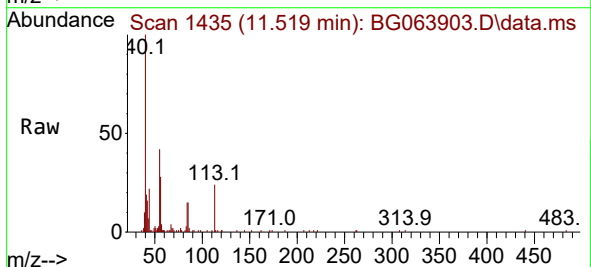
Instrument :
BNA_G
ClientSampleId :
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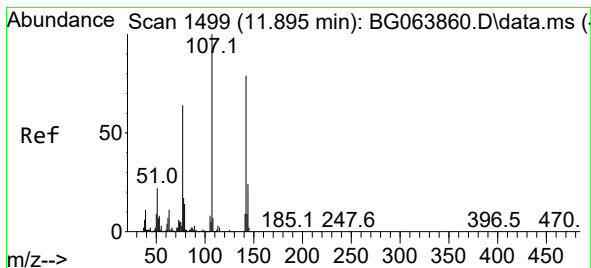
Tgt Ion:225 Resp: 159649
Ion Ratio Lower Upper
225 100
223 62.5 51.2 76.8
227 61.6 51.1 76.7



#34
Caprolactam
Concen: 6.971 ng/ul
RT: 11.519 min Scan# 1435
Delta R.T. 0.023 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:113 Resp: 15644
Ion Ratio Lower Upper
113 100
55 179.0 162.3 243.5
56 118.7 107.1 160.7

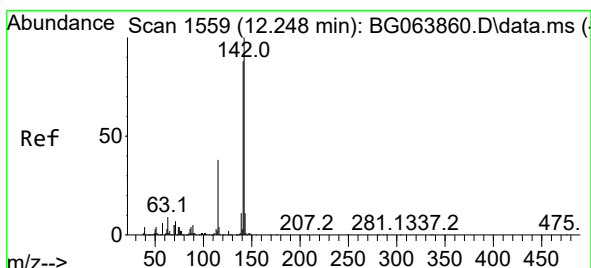
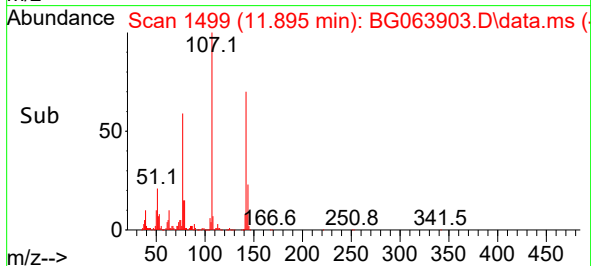
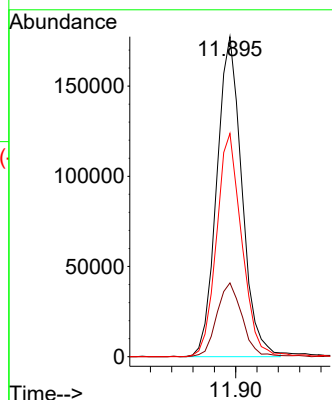
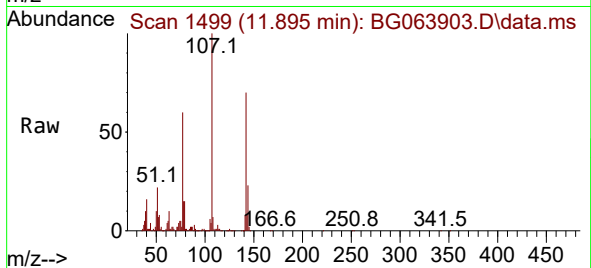




#35
4-Chloro-3-methylphenol
Concen: 38.102 ng/ul
RT: 11.895 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

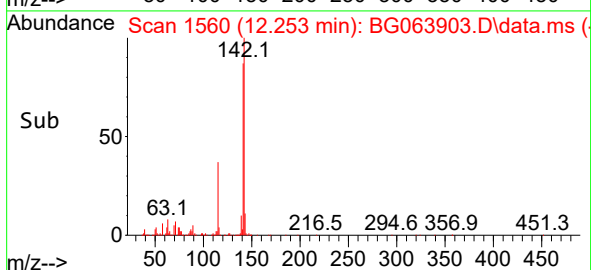
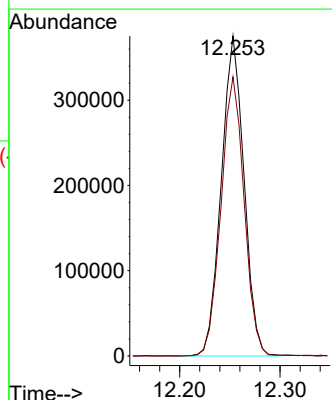
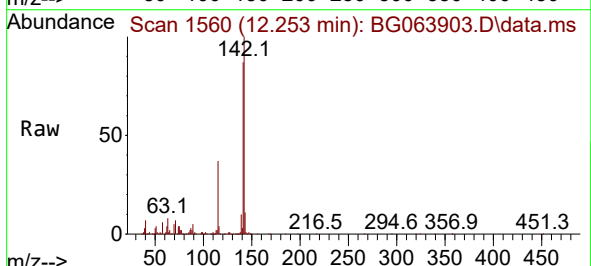
Instrument :
BNA_G
ClientSampleId :
YE680MSD

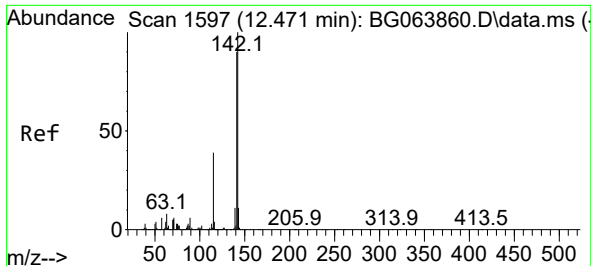
Tgt Ion:107 Resp: 290388
Ion Ratio Lower Upper
107 100
144 23.1 16.3 24.5
142 69.8 55.0 82.4



#36
2-Methylnaphthalene
Concen: 38.842 ng/ul
RT: 12.253 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:142 Resp: 588439
Ion Ratio Lower Upper
142 100
141 87.2 69.5 104.3

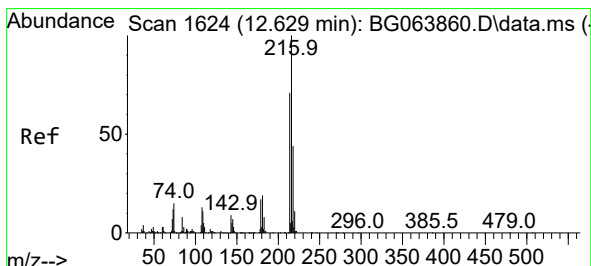
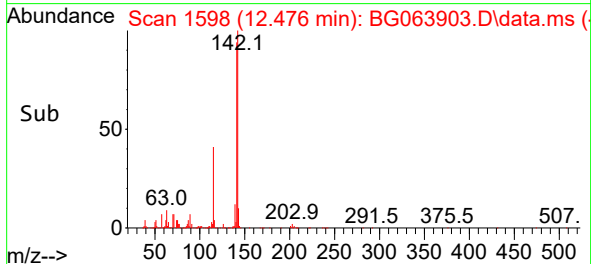
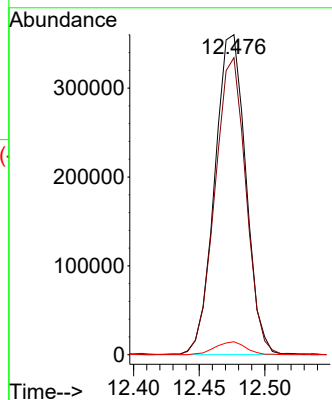
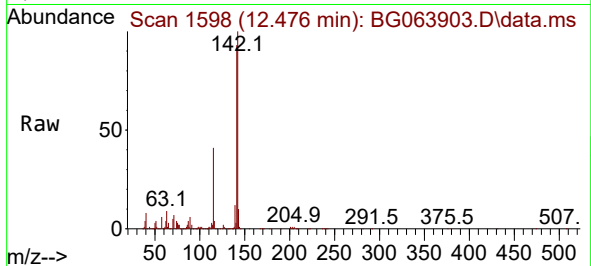




#37
1-Methylnaphthalene
Concen: 38.383 ng/ul
RT: 12.476 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

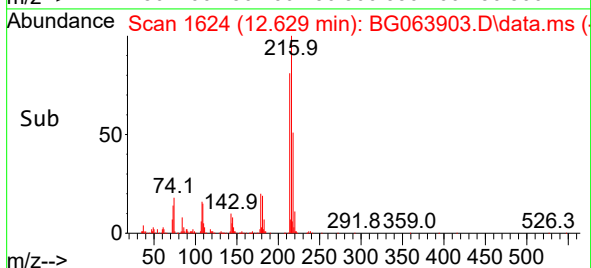
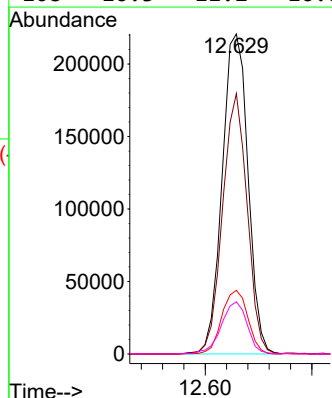
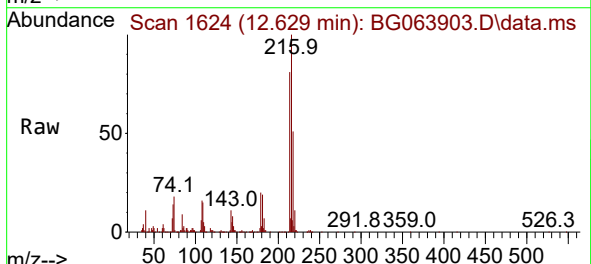
Instrument :
BNA_G
ClientSampleId :
YE680MSD

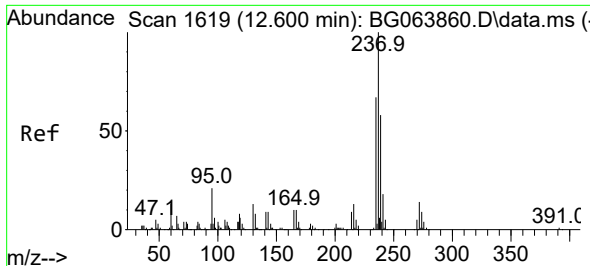
Tgt Ion:142 Resp: 592319
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.6
116 4.0 3.5 5.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.767 ng/ul
RT: 12.629 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:216 Resp: 371692
Ion Ratio Lower Upper
216 100
214 81.4 62.6 93.8
179 19.9 16.5 24.7
108 16.3 11.2 16.8

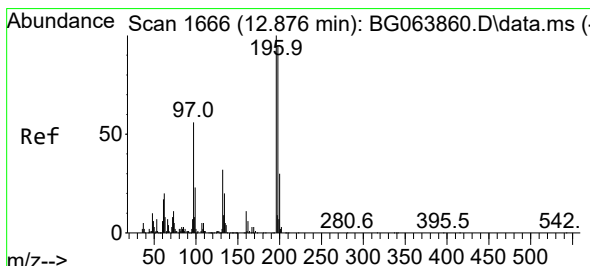
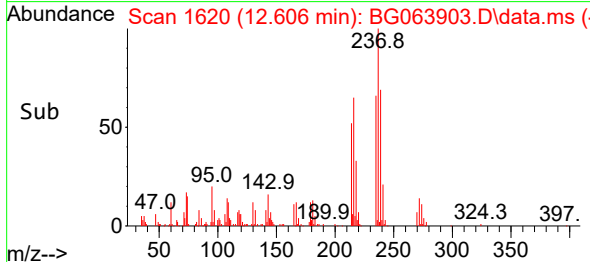
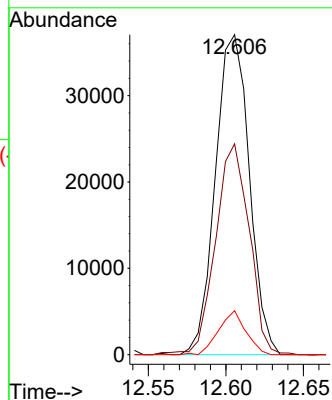
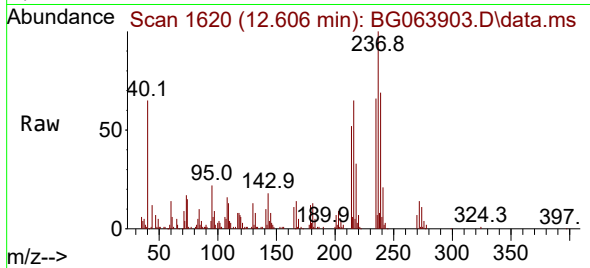




#40
Hexachlorocyclopentadiene
Concen: 15.270 ng/ul
RT: 12.606 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

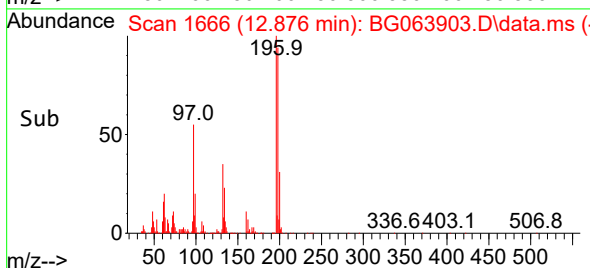
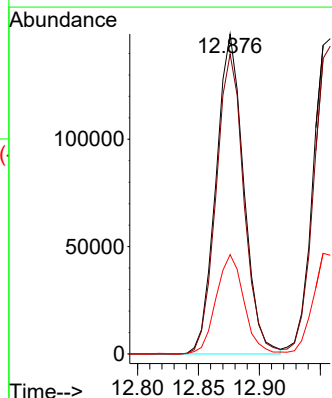
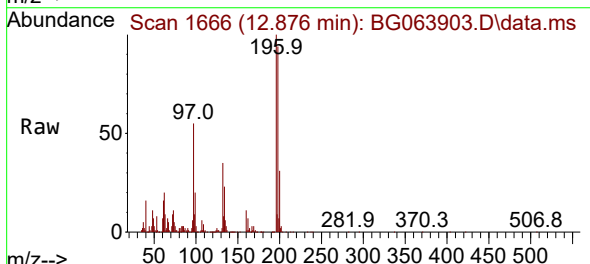
Instrument :
BNA_G
ClientSampleId :
YE680MSD

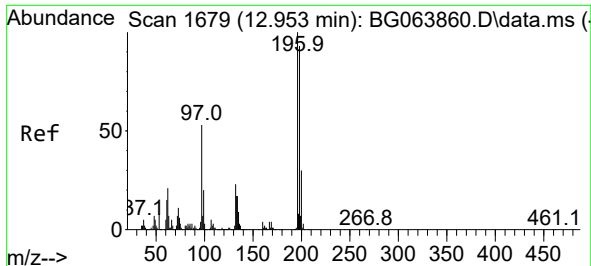
Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.9	51.0	76.6
272	14.8	9.7	14.5



#41
2,4,6-Trichlorophenol
Concen: 44.580 ng/ul
RT: 12.876 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	72.4	108.6
200	31.1	22.5	33.7

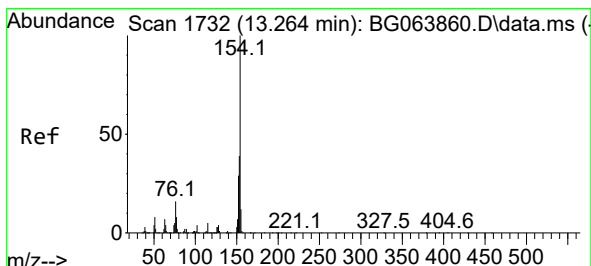
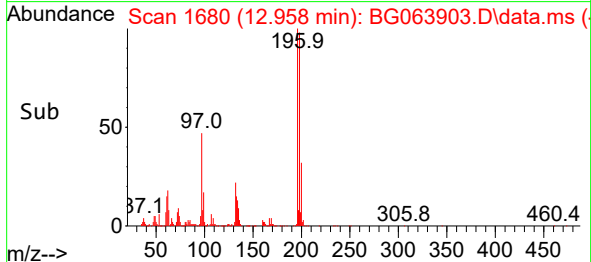
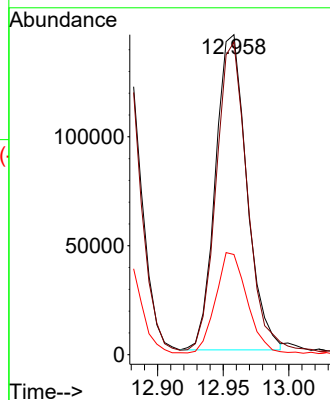
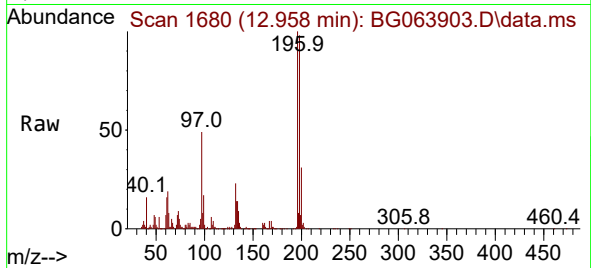




#42
2,4,5-Trichlorophenol
Concen: 43.554 ng/ul
RT: 12.958 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

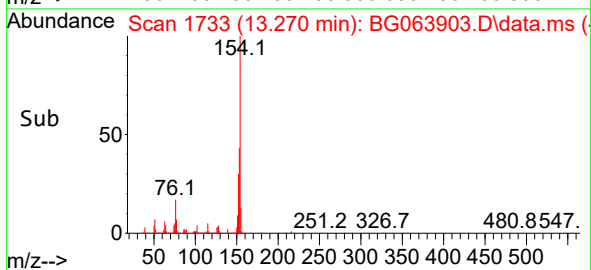
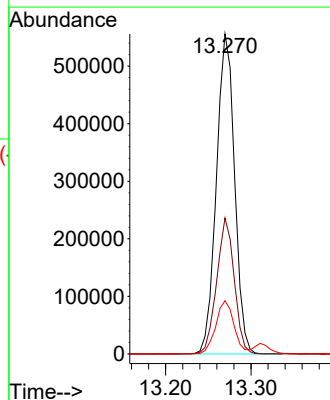
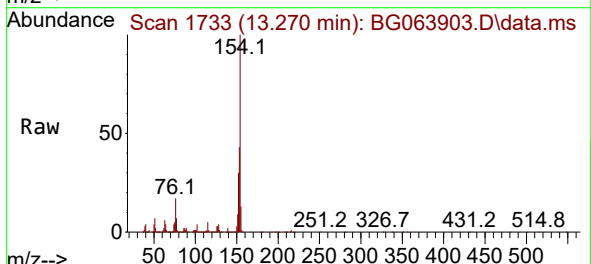
Instrument :
BNA_G
ClientSampleId :
YE680MSD

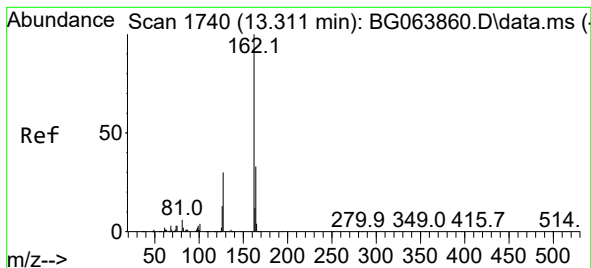
Tgt Ion:196 Resp: 240121
Ion Ratio Lower Upper
196 100
198 97.6 74.2 111.4
200 31.3 23.5 35.3



#43
1,1'-Biphenyl
Concen: 42.842 ng/ul
RT: 13.270 min Scan# 1733
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:154 Resp: 824933
Ion Ratio Lower Upper
154 100
153 42.5 35.1 52.7
76 16.7 13.4 20.2





#44

2-Chloronaphthalene

Concen: 42.881 ng/ul

RT: 13.311 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Instrument :

BNA_G

ClientSampleId :

YE680MSD

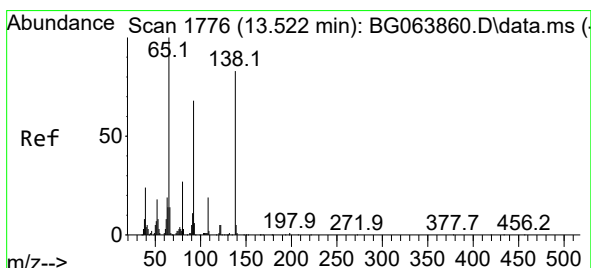
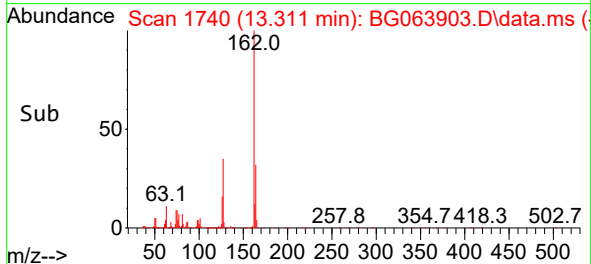
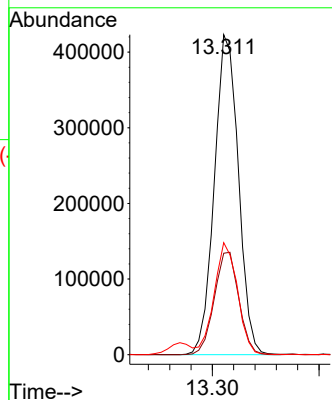
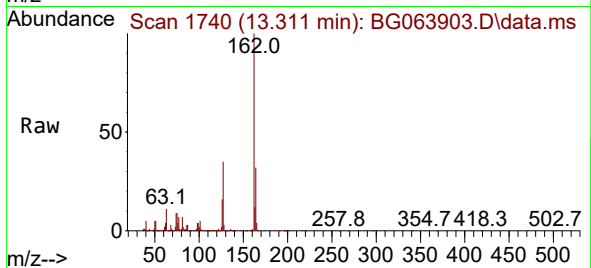
Tgt Ion:162 Resp: 663042

Ion Ratio Lower Upper

162 100

164 31.7 25.2 37.8

127 35.0 29.2 43.8



#45

2-Nitroaniline

Concen: 48.908 ng/ul

RT: 13.522 min Scan# 1776

Delta R.T. 0.006 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

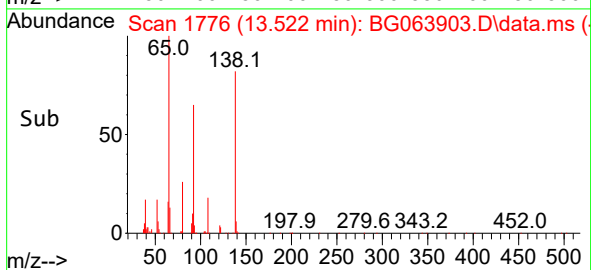
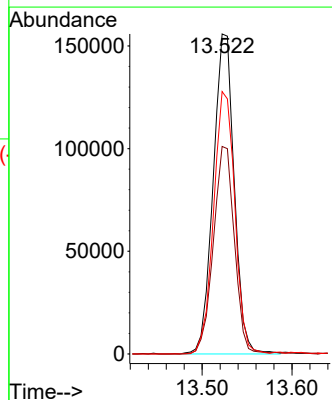
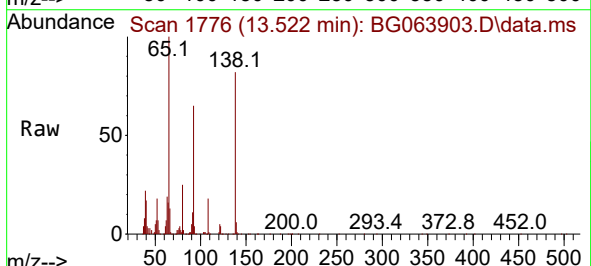
Tgt Ion: 65 Resp: 253304

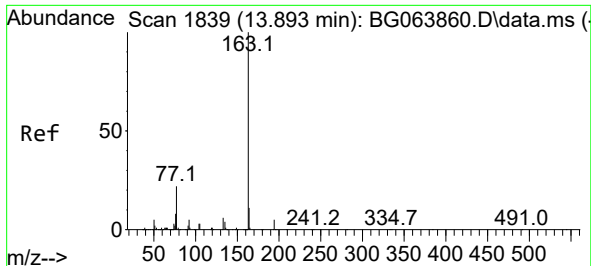
Ion Ratio Lower Upper

65 100

92 64.9 49.5 74.3

138 82.0 61.8 92.8

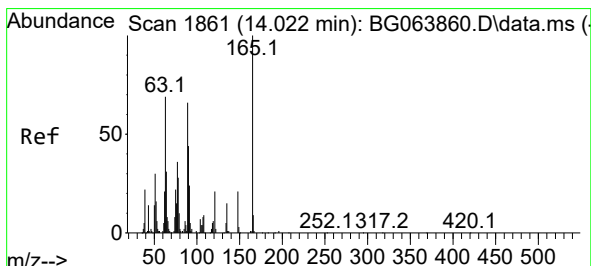
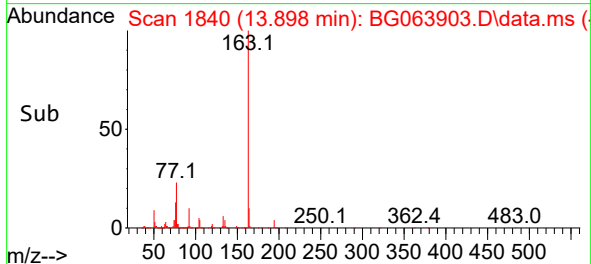
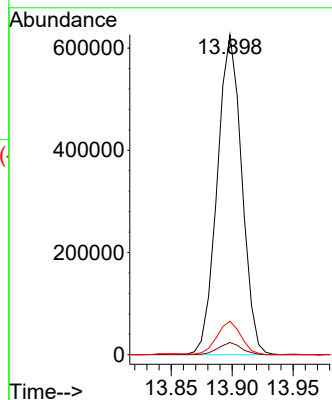
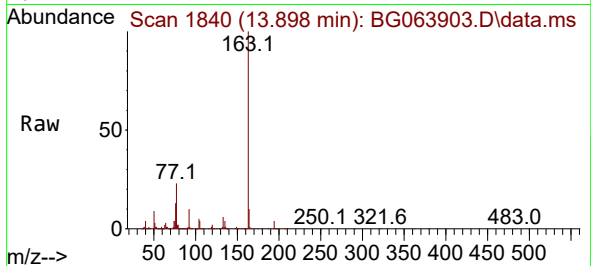




#47
Dimethylphthalate
Concen: 44.098 ng/ul
RT: 13.898 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

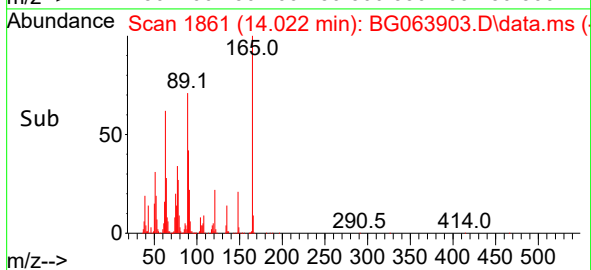
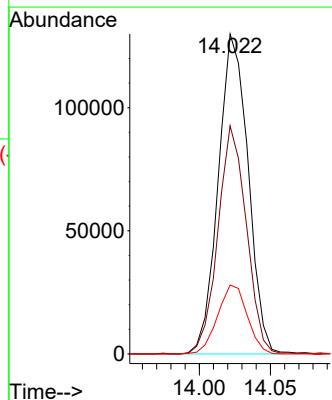
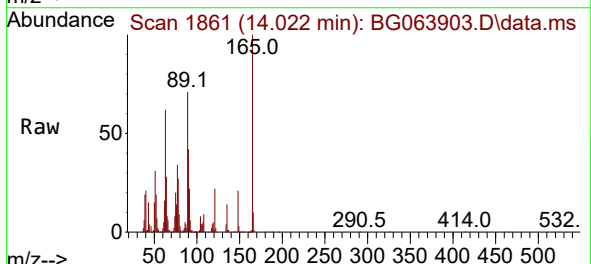
Instrument :
BNA_G
ClientSampleId :
YE680MSD

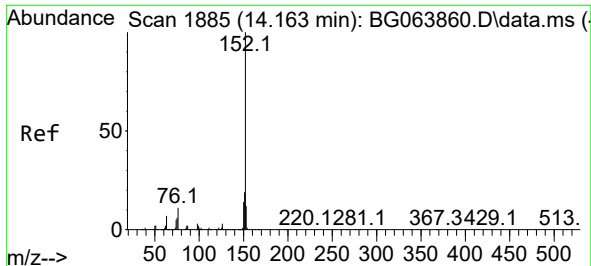
Tgt Ion:163 Resp: 878064
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.5 8.8 13.2



#48
2,6-Dinitrotoluene
Concen: 51.278 ng/ul
RT: 14.022 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:165 Resp: 189622
Ion Ratio Lower Upper
165 100
89 71.3 59.4 89.2
121 21.5 20.8 31.2

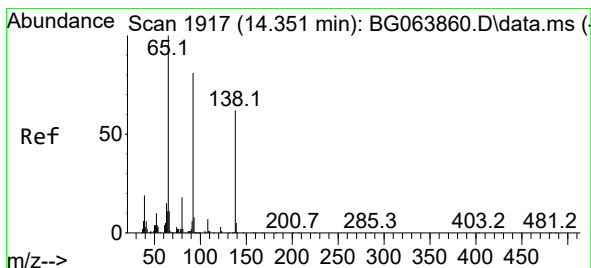
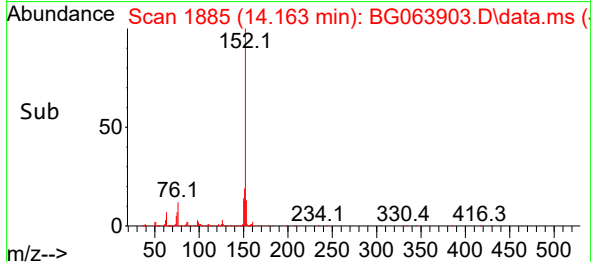
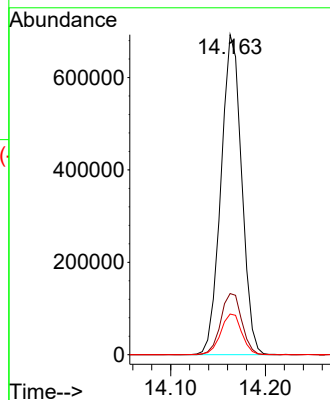
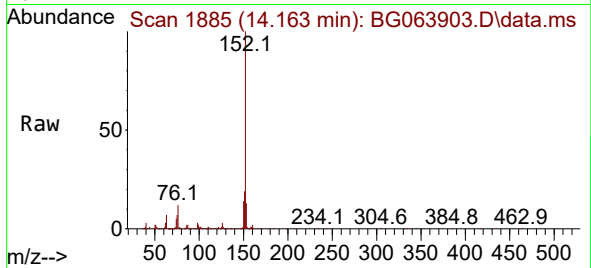




#50
Acenaphthylene
Concen: 43.315 ng/ul
RT: 14.163 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

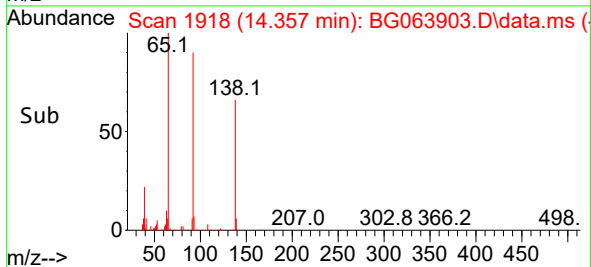
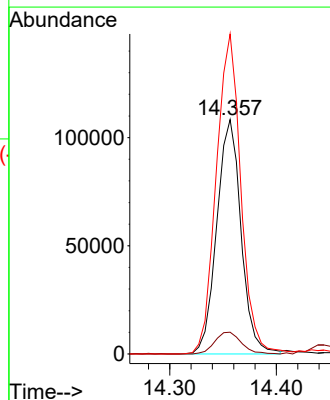
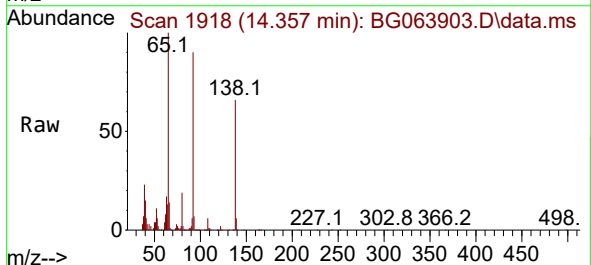
Instrument :
BNA_G
ClientSampleId :
YE680MSD

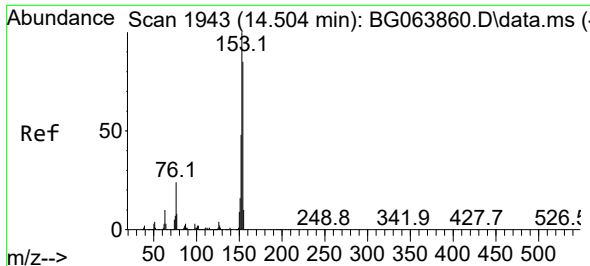
Tgt Ion:152 Resp: 1051870
Ion Ratio Lower Upper
152 100
151 19.1 14.6 22.0
153 12.7 10.0 15.0



#51
3-Nitroaniline
Concen: 50.124 ng/ul
RT: 14.357 min Scan# 1918
Delta R.T. 0.012 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:138 Resp: 171371
Ion Ratio Lower Upper
138 100
108 9.3 8.4 12.6
92 136.5 120.4 180.6

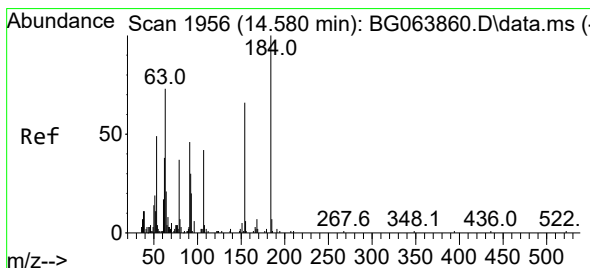
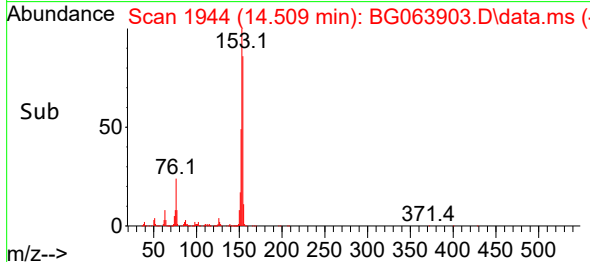
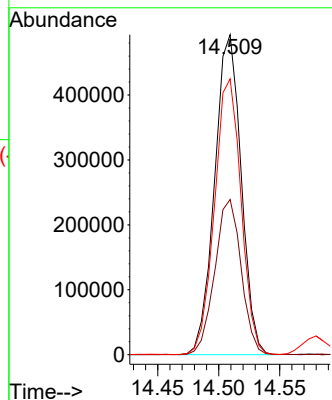
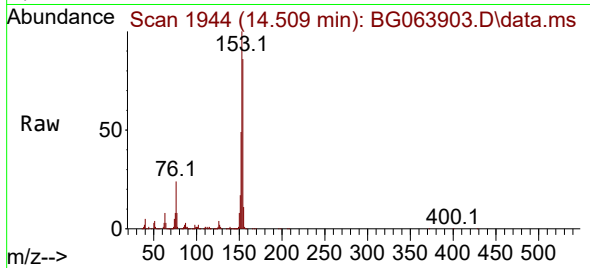




#52
Acenaphthene
Concen: 43.346 ng/ul
RT: 14.509 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

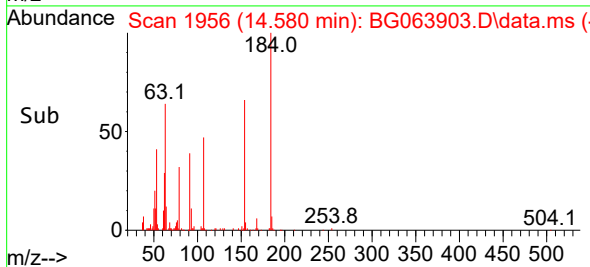
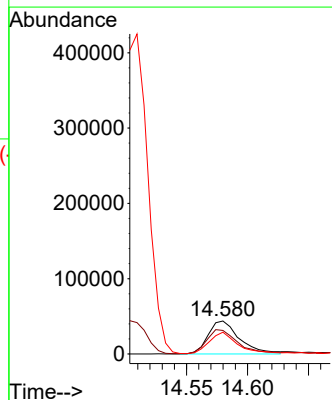
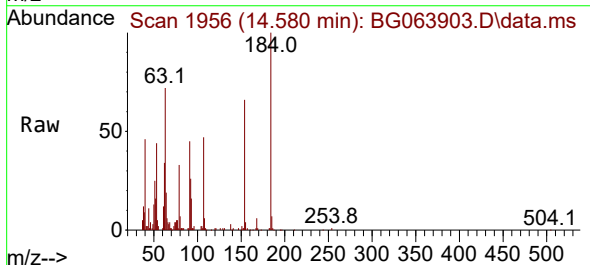
Instrument :
BNA_G
ClientSampleId :
YE680MSD

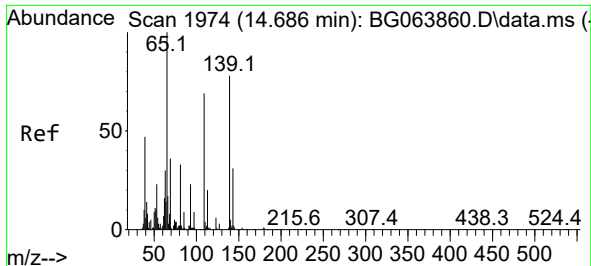
Tgt Ion:153 Resp: 746077
Ion Ratio Lower Upper
153 100
152 48.5 40.2 60.4
154 86.2 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 41.570 ng/ul
RT: 14.580 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:184 Resp: 78560
Ion Ratio Lower Upper
184 100
63 71.6 52.1 78.1
154 66.2 47.8 71.6

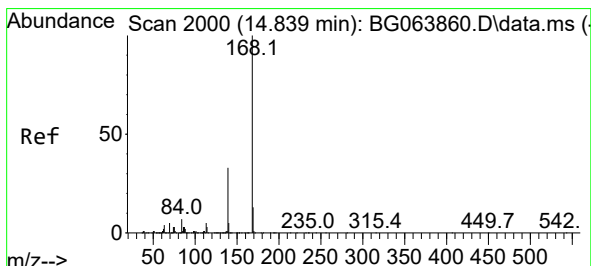
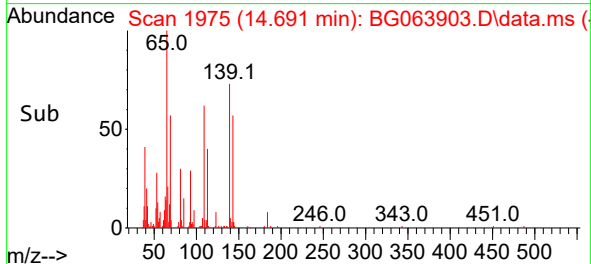
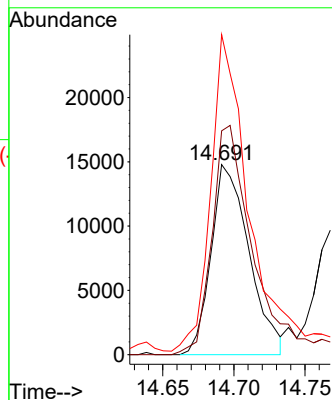
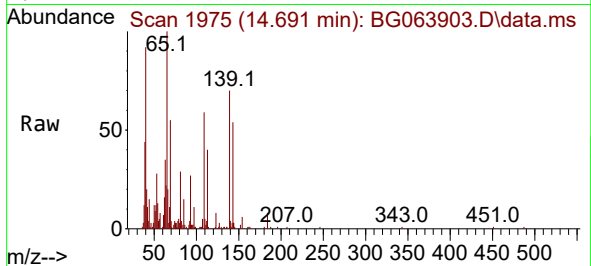




#55
4-Nitrophenol
Concen: 9.397 ng/ul
RT: 14.691 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

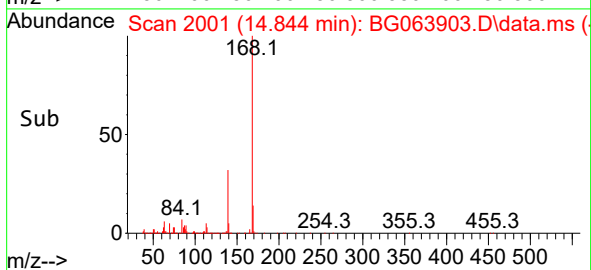
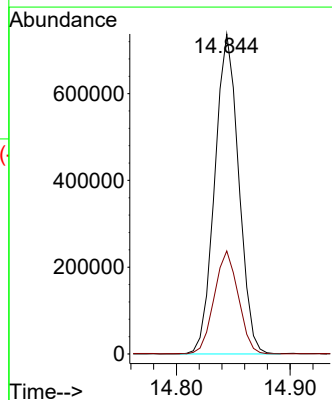
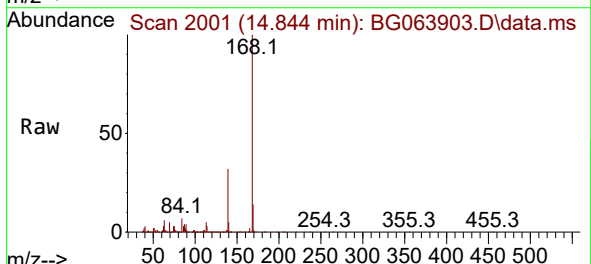
Instrument :
BNA_G
ClientSampleId :
YE680MSD

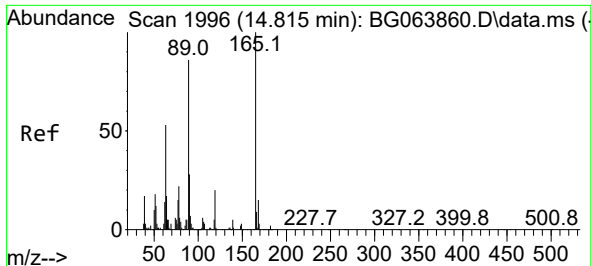
Tgt Ion:109 Resp: 27468
Ion Ratio Lower Upper
109 100
139 117.8 86.4 129.6
65 168.4 127.0 190.4



#56
Dibenzofuran
Concen: 44.530 ng/ul
RT: 14.844 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:168 Resp: 1080568
Ion Ratio Lower Upper
168 100
139 32.2 27.8 41.8

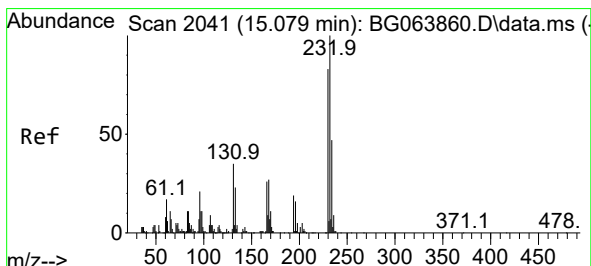
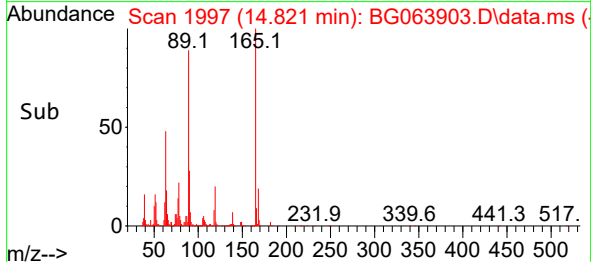
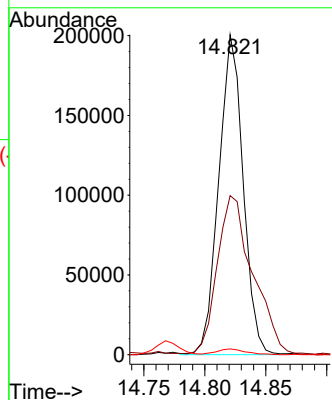
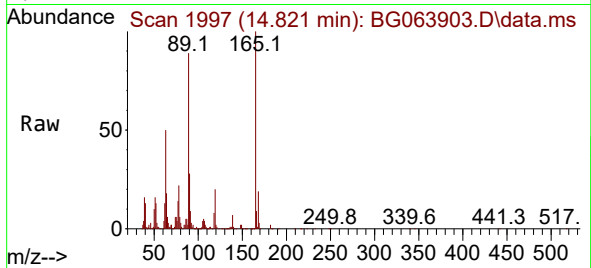




#57
2,4-Dinitrotoluene
Concen: 50.848 ng/ul
RT: 14.821 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

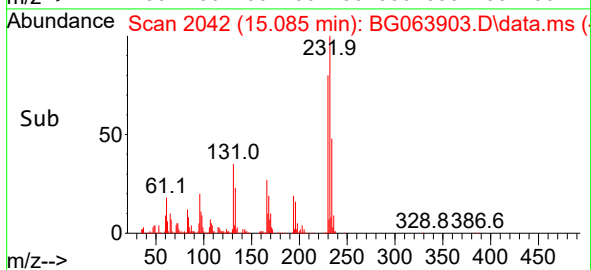
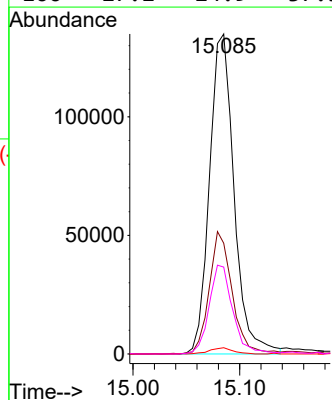
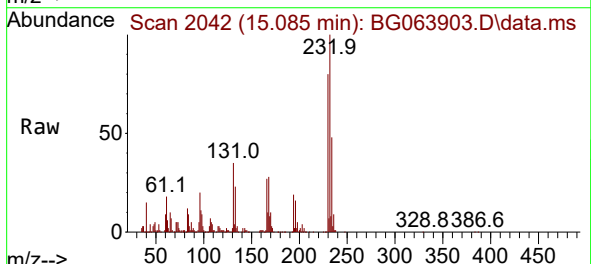
Instrument :
BNA_G
ClientSampleId :
YE680MSD

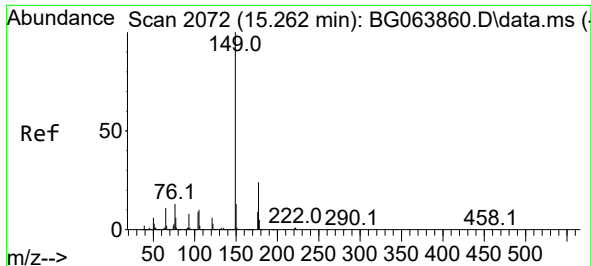
Tgt Ion:165 Resp: 279401
Ion Ratio Lower Upper
165 100
63 49.7 45.0 67.4
182 1.8 1.8 2.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.438 ng/ul
RT: 15.085 min Scan# 2042
Delta R.T. 0.012 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:232 Resp: 215942
Ion Ratio Lower Upper
232 100
131 34.6 30.3 45.5
130 2.0 1.8 2.6
166 27.2 24.9 37.3





#59

Diethylphthalate

Concen: 46.753 ng/ul

RT: 15.267 min Scan# 2072

Delta R.T. 0.006 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Instrument :

BNA_G

ClientSampleId :

YE680MSD

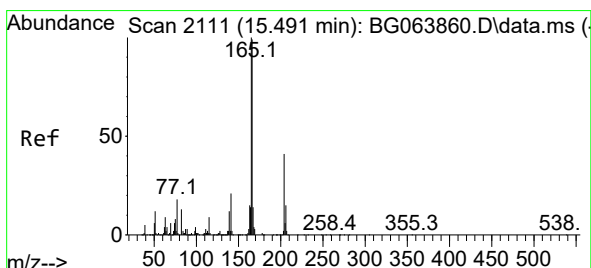
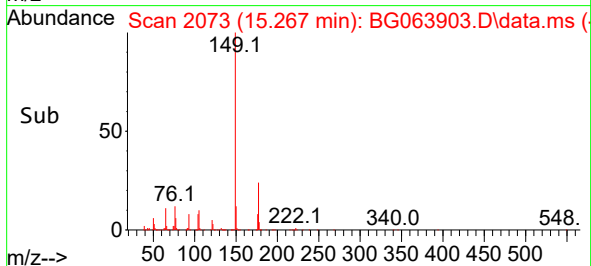
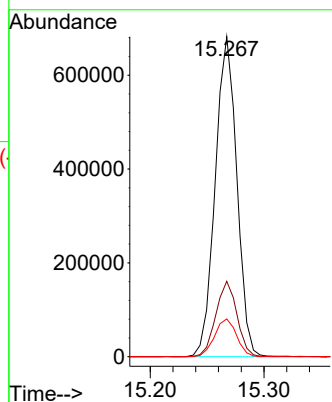
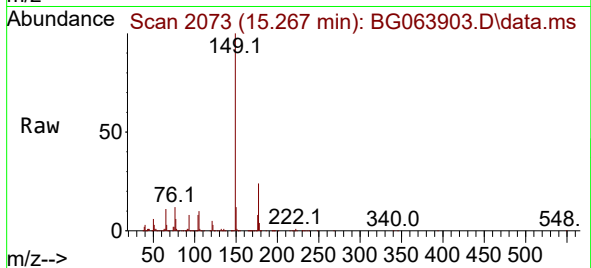
Tgt Ion:149 Resp: 899946

Ion Ratio Lower Upper

149 100

177 23.5 17.6 26.4

150 11.8 9.0 13.4



#61

Fluorene

Concen: 44.222 ng/ul

RT: 15.496 min Scan# 2112

Delta R.T. 0.006 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

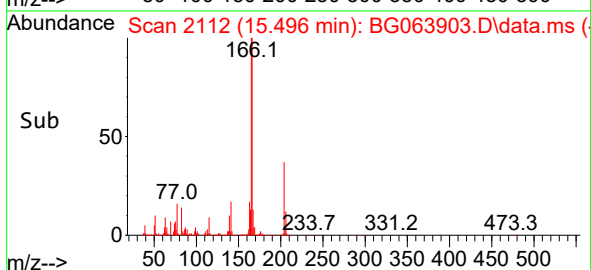
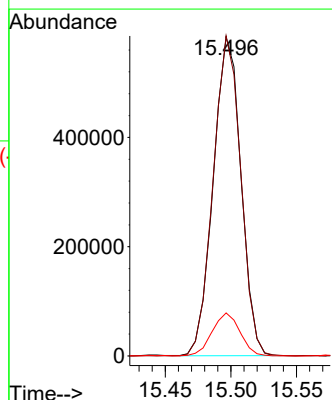
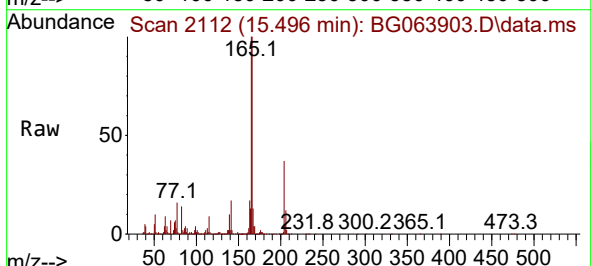
Tgt Ion:166 Resp: 856866

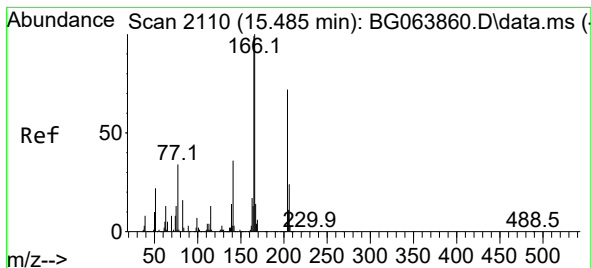
Ion Ratio Lower Upper

166 100

165 100.3 81.9 122.9

167 13.5 11.4 17.0

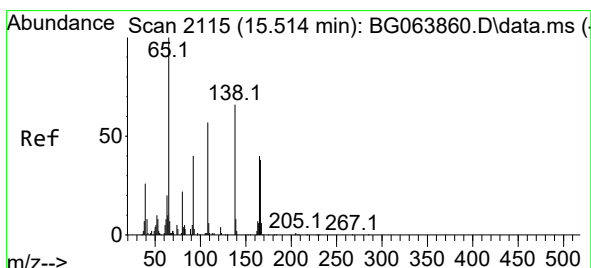
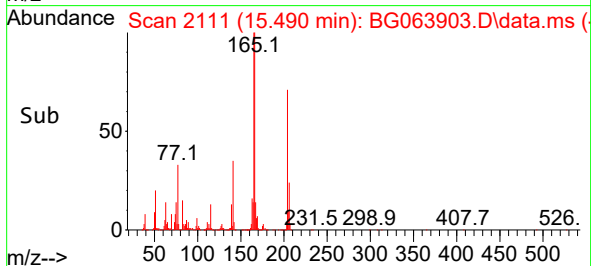
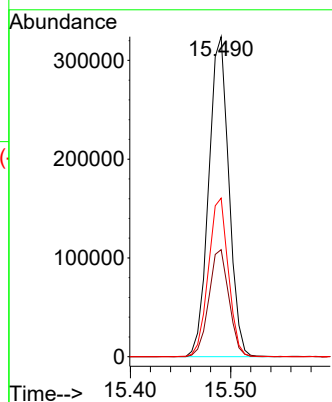
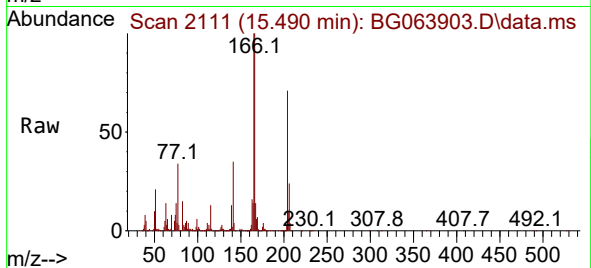




#62
4-Chlorophenyl-phenylether
Concen: 41.783 ng/ul
RT: 15.490 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

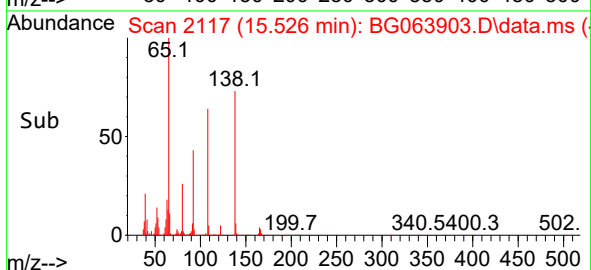
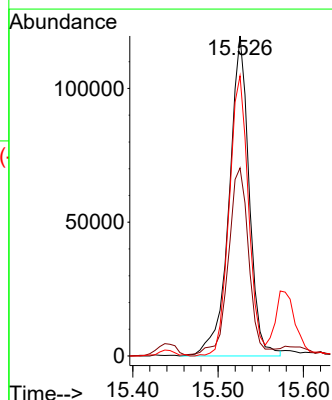
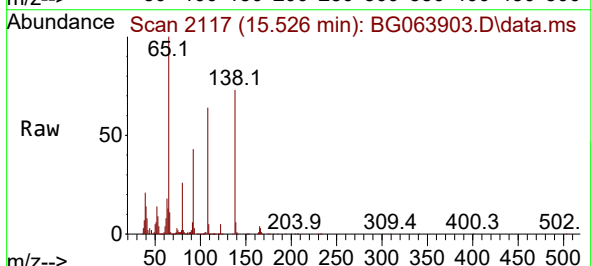
Instrument :
BNA_G
ClientSampleId :
YE680MSD

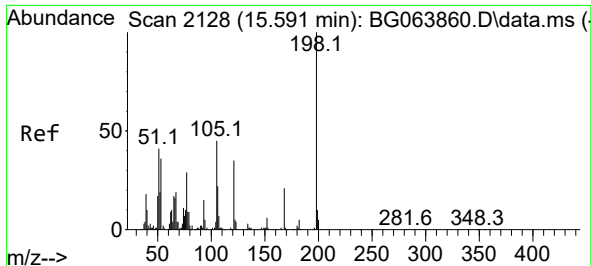
Tgt Ion:204 Resp: 451045
Ion Ratio Lower Upper
204 100
206 33.5 25.6 38.4
141 49.5 42.3 63.5



#63
4-Nitroaniline
Concen: 57.360 ng/ul
RT: 15.526 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:138 Resp: 196334
Ion Ratio Lower Upper
138 100
92 58.8 53.2 79.8
108 87.6 79.4 119.0

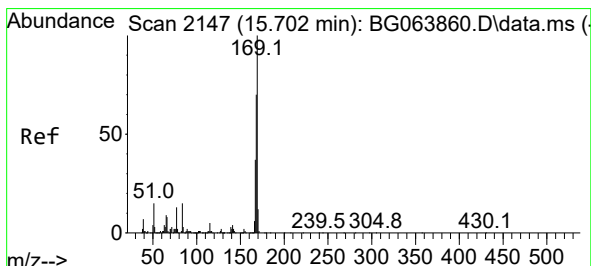
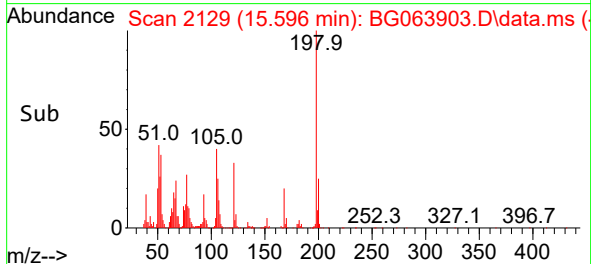
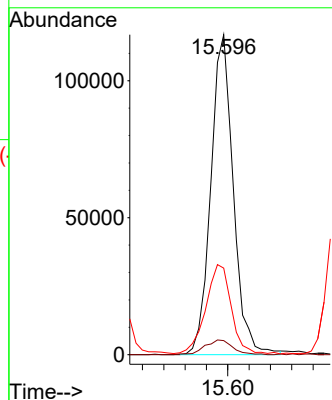
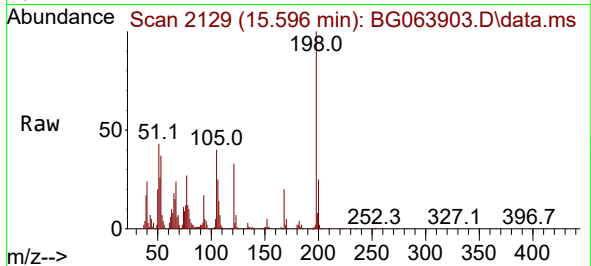




#66
4,6-Dinitro-2-methylphenol
Concen: 45.143 ng/ul
RT: 15.596 min Scan# 2128
Delta R.T. 0.012 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

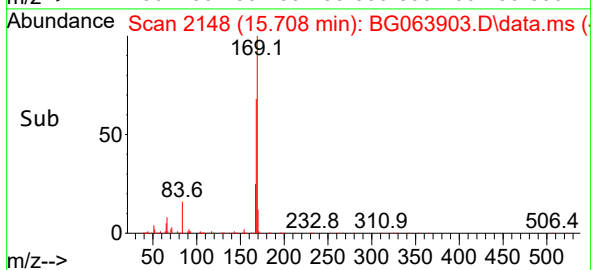
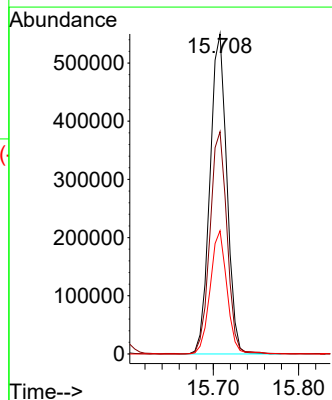
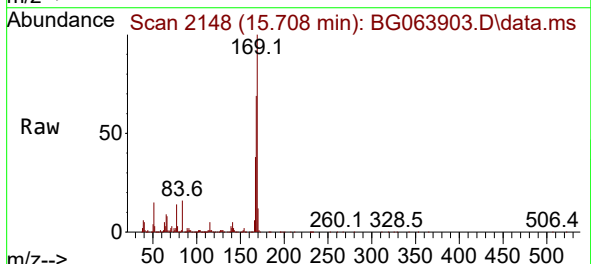
Instrument :
BNA_G
ClientSampleId :
YE680MSD

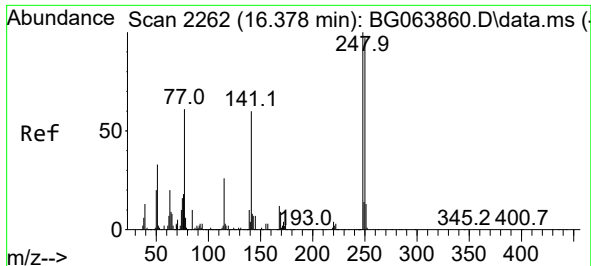
Tgt Ion:198 Resp: 170978
Ion Ratio Lower Upper
198 100
182 4.4 3.4 5.2
77 27.1 25.2 37.8



#67
N-Nitrosodiphenylamine
Concen: 44.072 ng/ul
RT: 15.708 min Scan# 2148
Delta R.T. 0.012 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:169 Resp: 755676
Ion Ratio Lower Upper
169 100
168 69.5 54.0 81.0
167 38.5 29.8 44.8

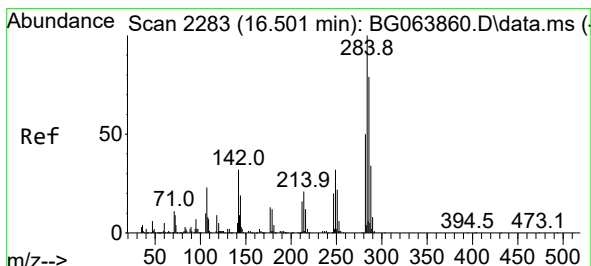
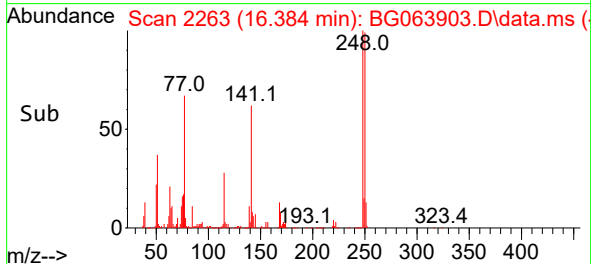
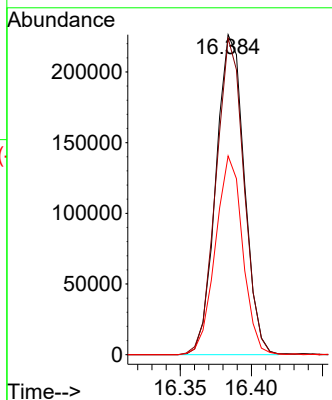
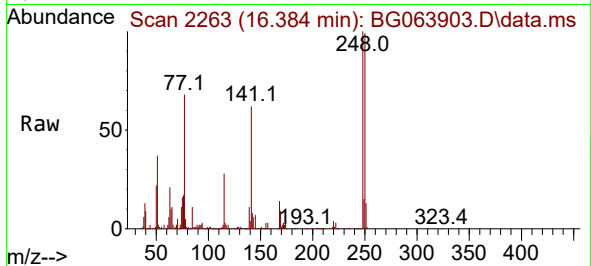




#68
4-Bromophenyl-phenylether
Concen: 43.484 ng/ul
RT: 16.384 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

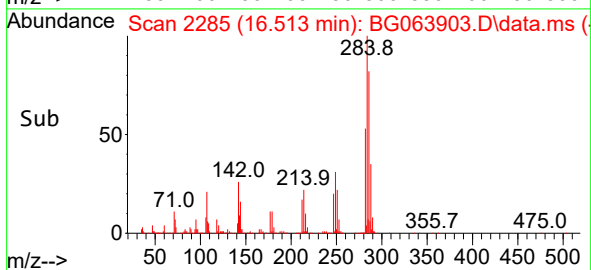
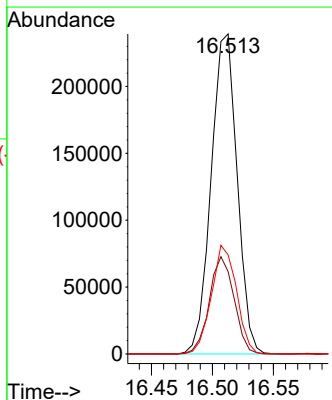
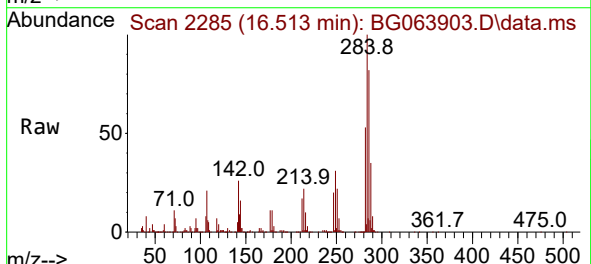
Instrument :
BNA_G
ClientSampleId :
YE680MSD

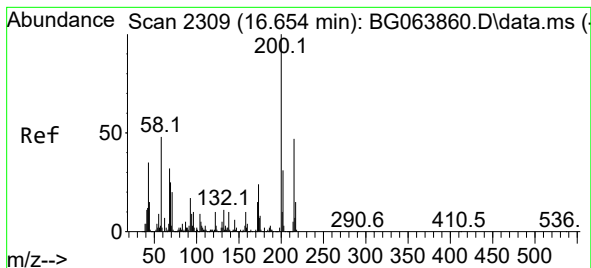
Tgt Ion:248 Resp: 313794
Ion Ratio Lower Upper
248 100
250 98.9 76.1 114.1
141 62.1 46.0 69.0



#69
Hexachlorobenzene
Concen: 43.937 ng/ul
RT: 16.513 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:284 Resp: 355229
Ion Ratio Lower Upper
284 100
142 25.8 23.9 35.9
249 31.0 24.6 36.8





#70

Atrazine

Concen: 45.012 ng/ul

RT: 16.660 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Instrument :

BNA_G

ClientSampleId :

YE680MSD

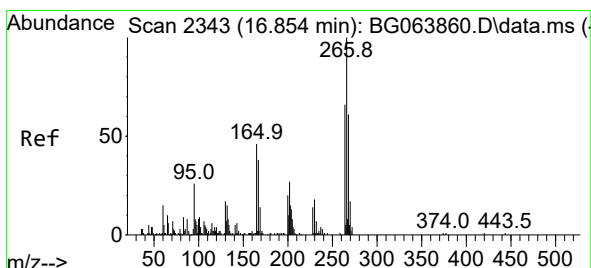
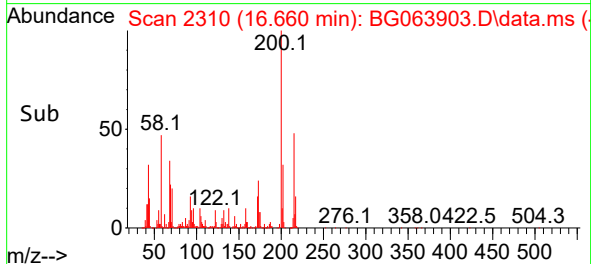
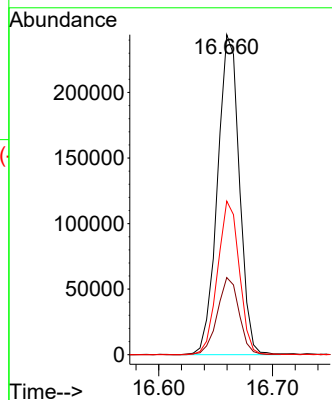
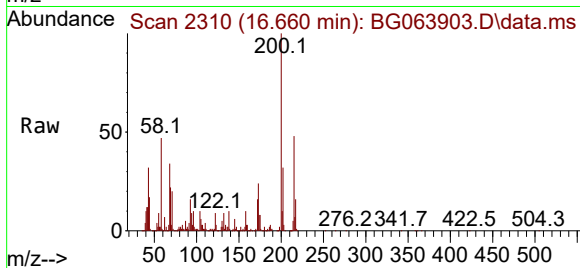
Tgt Ion:200 Resp: 326252

Ion Ratio Lower Upper

200 100

173 24.1 21.3 31.9

215 48.0 37.8 56.8



#71

Pentachlorophenol

Concen: 38.683 ng/ul

RT: 16.859 min Scan# 2344

Delta R.T. 0.006 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

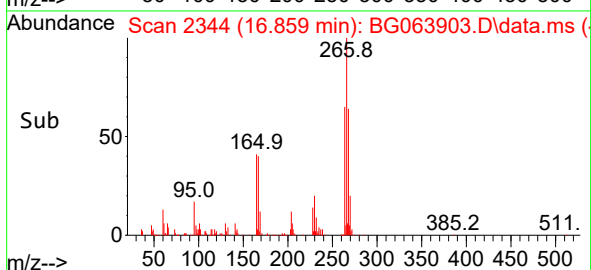
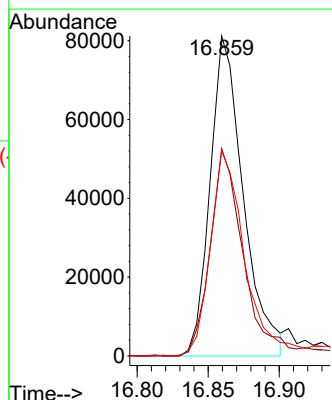
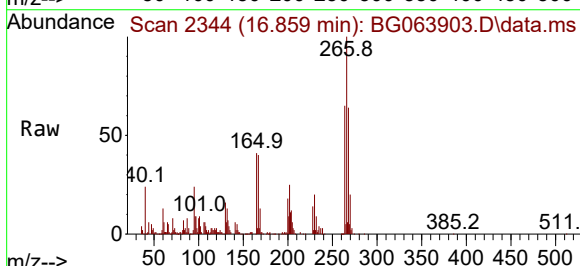
Tgt Ion:266 Resp: 131866

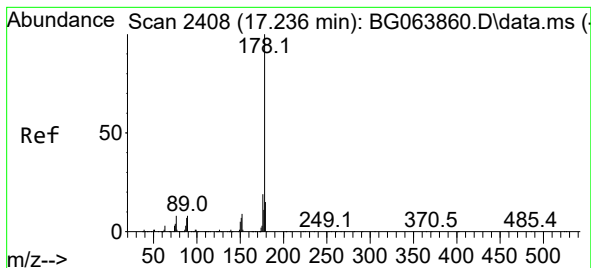
Ion Ratio Lower Upper

266 100

264 64.8 49.3 73.9

268 64.2 50.5 75.7





#72

Phenanthrene

Concen: 47.309 ng/ul

RT: 17.241 min Scan# 2409

Delta R.T. 0.012 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Instrument :

BNA_G

ClientSampleId :

YE680MSD

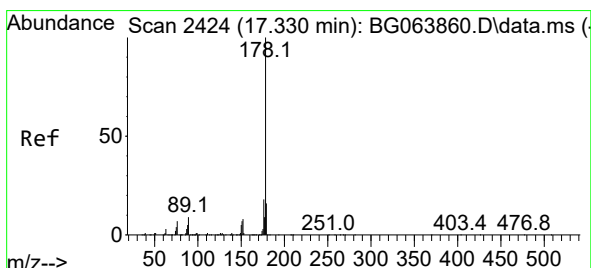
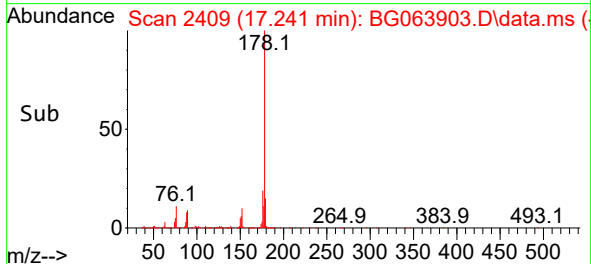
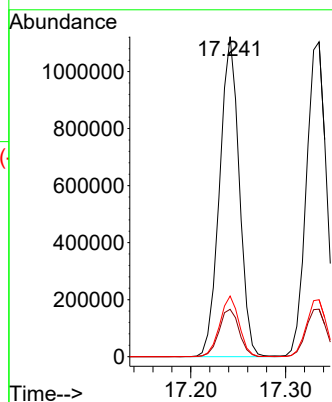
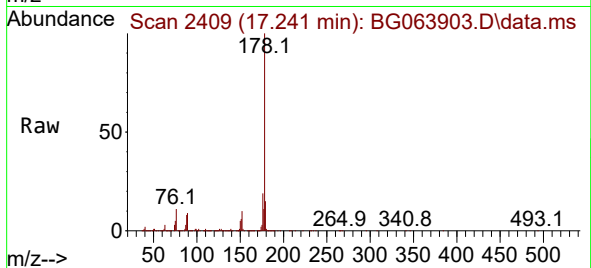
Tgt Ion:178 Resp: 1614268

Ion Ratio Lower Upper

178 100

179 14.8 12.2 18.2

176 19.0 15.8 23.6



#74

Anthracene

Concen: 46.841 ng/ul

RT: 17.335 min Scan# 2425

Delta R.T. 0.012 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

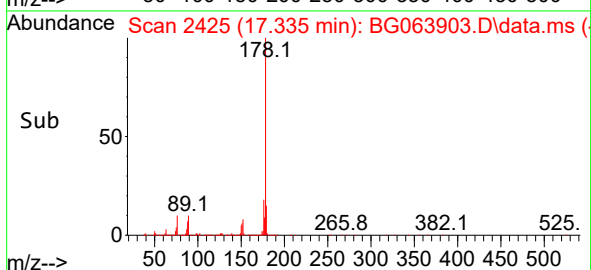
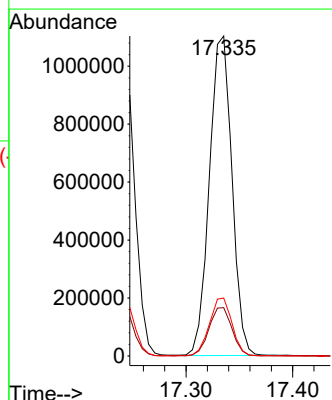
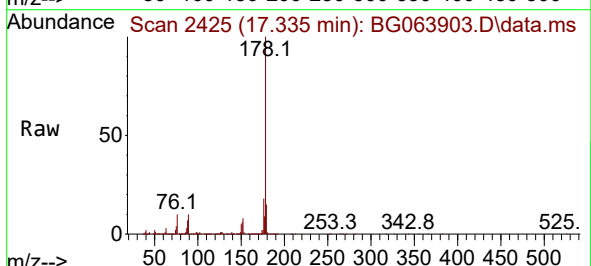
Tgt Ion:178 Resp: 1617733

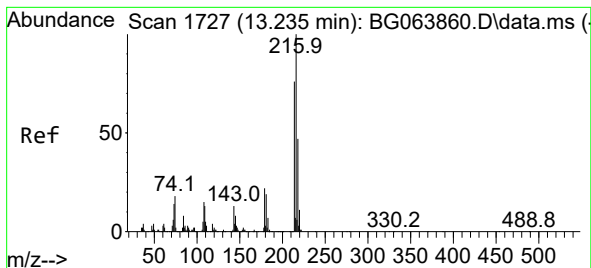
Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 18.1 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 39.459 ng/ul

RT: 13.240 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Instrument :

BNA_G

ClientSampleId :

YE680MSD

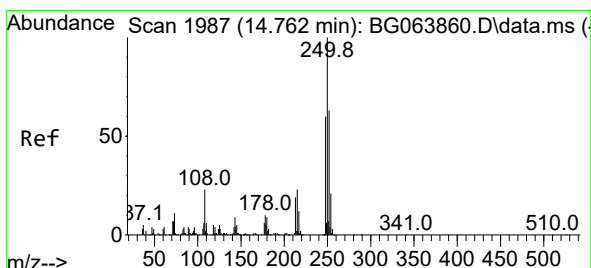
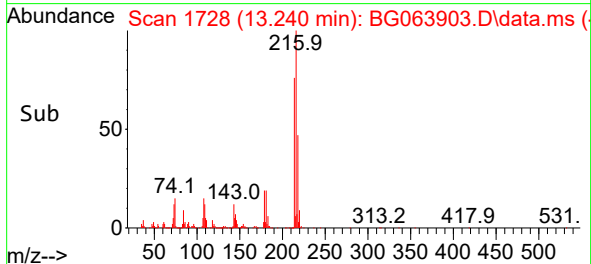
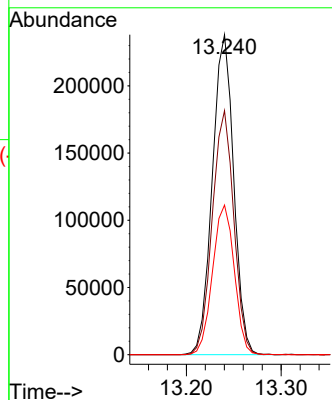
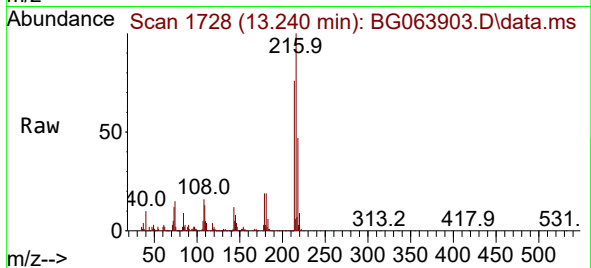
Tgt Ion:216 Resp: 372784

Ion Ratio Lower Upper

216 100

214 76.2 60.2 90.4

218 46.8 37.6 56.4



#76

Pentachlorobenzene

Concen: 41.506 ng/ul

RT: 14.768 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

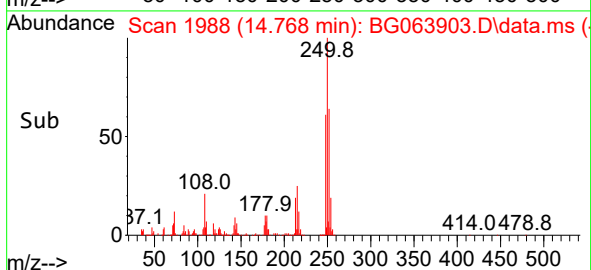
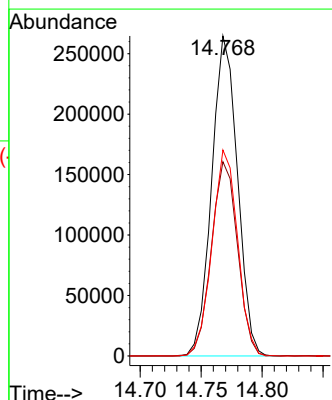
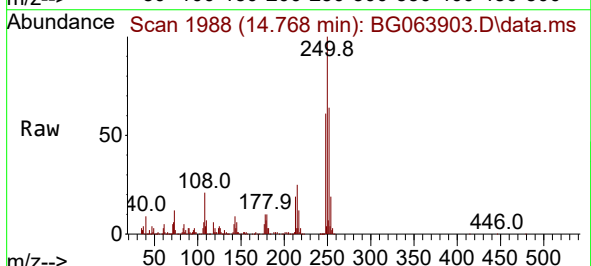
Tgt Ion:250 Resp: 388461

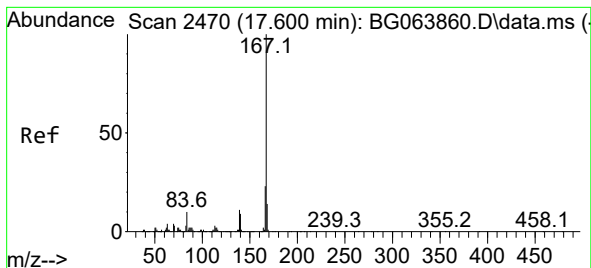
Ion Ratio Lower Upper

250 100

248 60.7 49.8 74.8

252 64.4 50.4 75.6





#77

Carbazole

Concen: 51.576 ng/ul

RT: 17.606 min Scan# 2471

Delta R.T. 0.012 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Instrument :

BNA_G

ClientSampleId :

YE680MSD

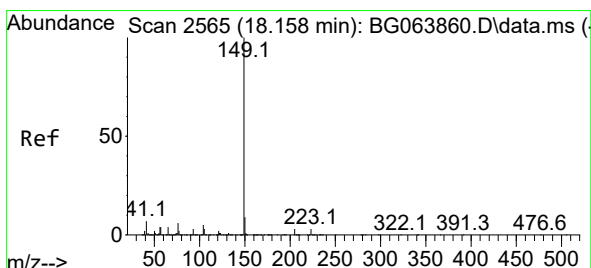
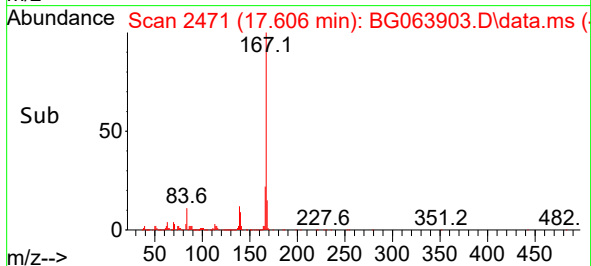
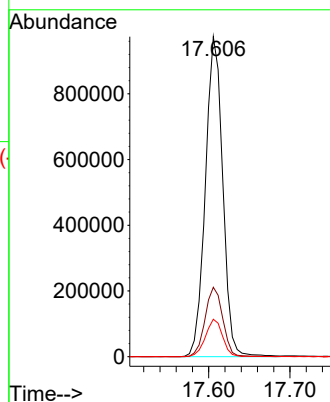
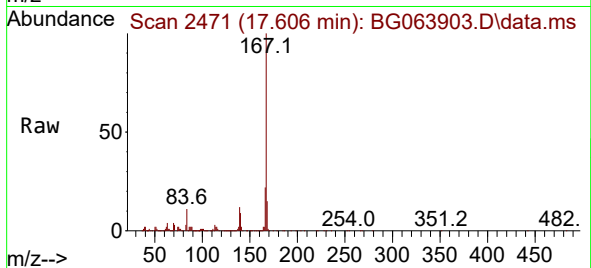
Tgt Ion:167 Resp: 1441868

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.4

139 11.7 10.1 15.1



#78

Di-n-butylphthalate

Concen: 51.211 ng/ul

RT: 18.164 min Scan# 2566

Delta R.T. 0.012 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

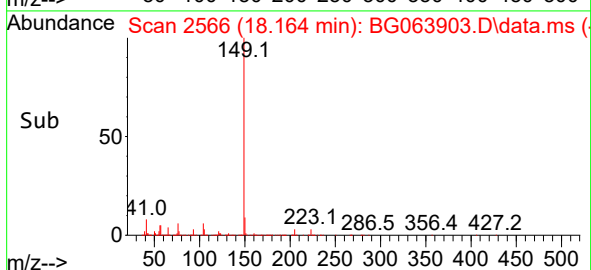
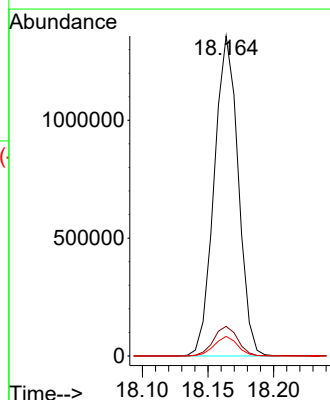
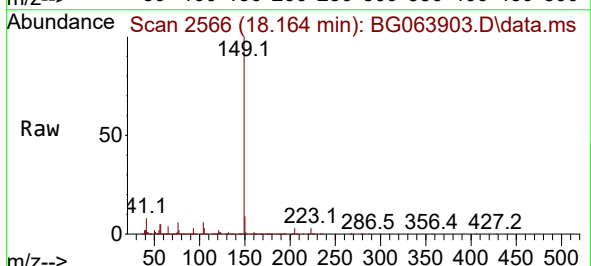
Tgt Ion:149 Resp: 1729000

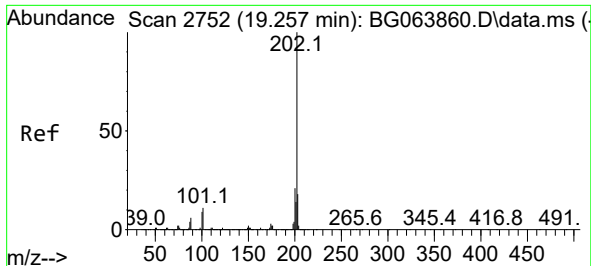
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 6.1 5.4 8.0

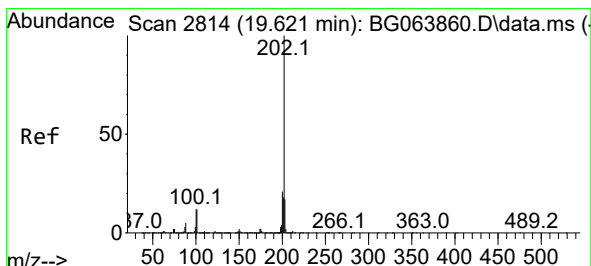
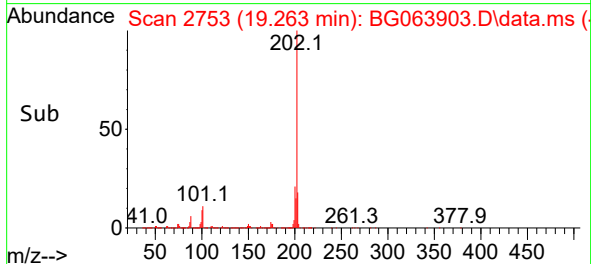
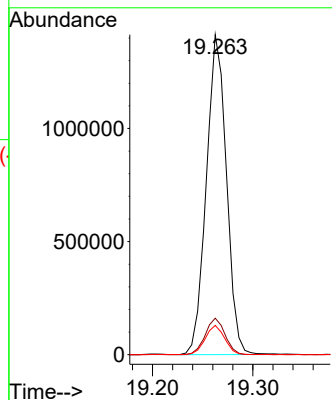
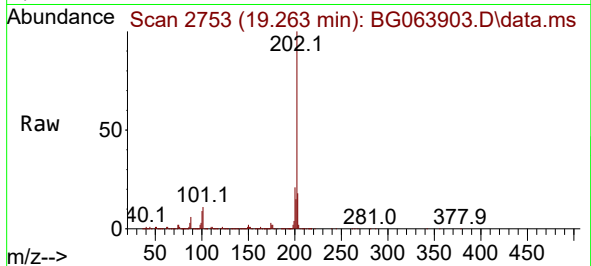




#80
Fluoranthene
Concen: 46.818 ng/ul
RT: 19.263 min Scan# 21
Delta R.T. 0.012 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

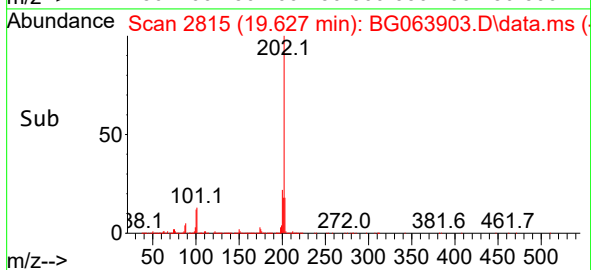
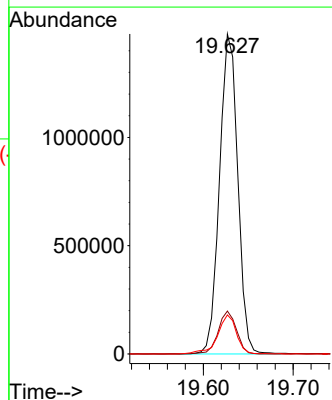
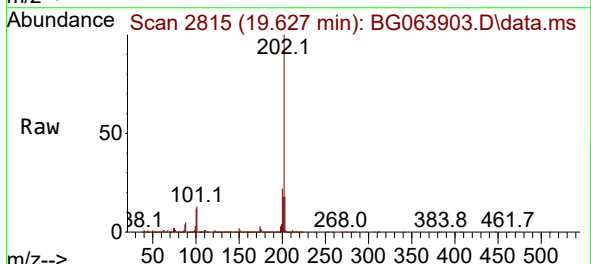
Instrument :
BNA_G
ClientSampleId :
YE680MSD

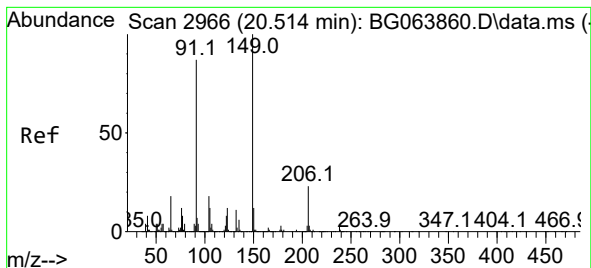
Tgt Ion:202 Resp: 1978454
Ion Ratio Lower Upper
202 100
101 11.4 8.1 12.1
100 9.1 6.5 9.7



#82
Pyrene
Concen: 46.335 ng/ul
RT: 19.627 min Scan# 2815
Delta R.T. 0.012 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:202 Resp: 2083175
Ion Ratio Lower Upper
202 100
101 13.4 8.7 13.1#
100 12.2 7.8 11.6#





#83

Butylbenzylphthalate

Concen: 54.887 ng/ul

RT: 20.520 min Scan# 2967

Delta R.T. 0.012 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Instrument :

BNA_G

ClientSampleId :

YE680MSD

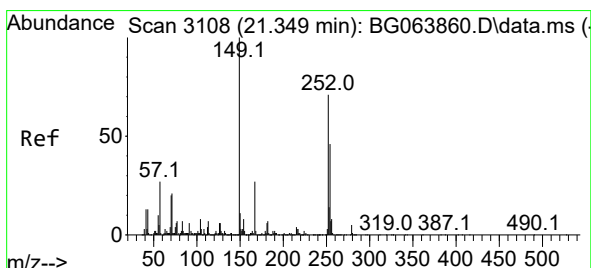
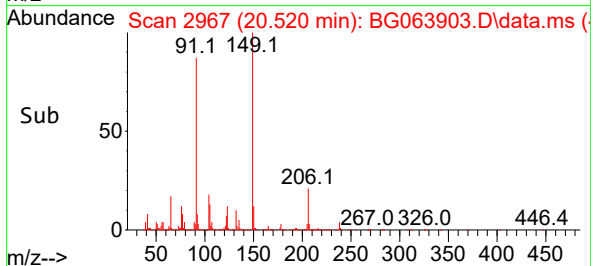
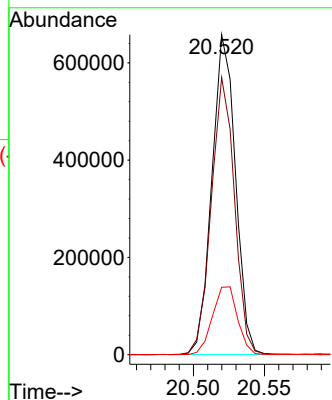
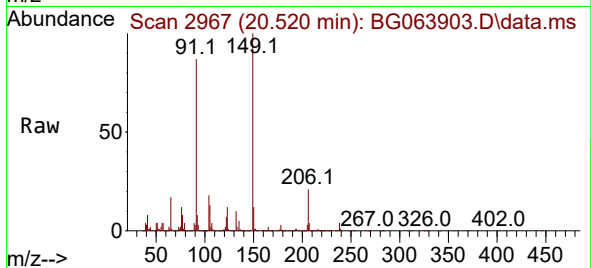
Tgt Ion:149 Resp: 757507

Ion Ratio Lower Upper

149 100

91 86.6 68.7 103.1

206 21.0 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 45.138 ng/ul

RT: 21.354 min Scan# 3109

Delta R.T. 0.012 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

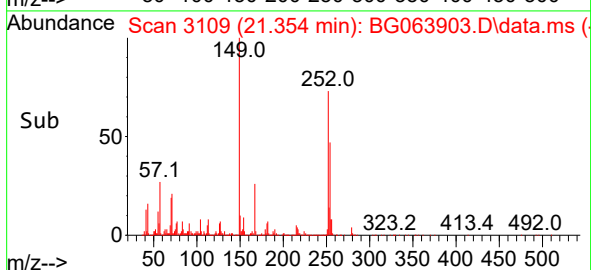
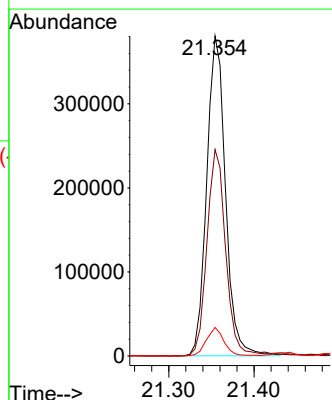
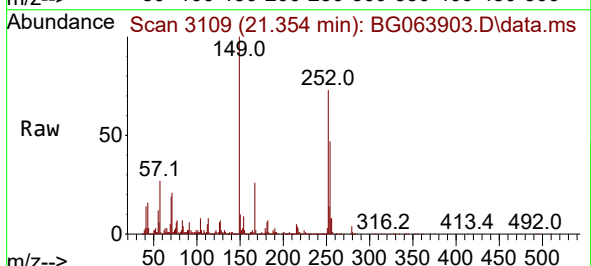
Tgt Ion:252 Resp: 582175

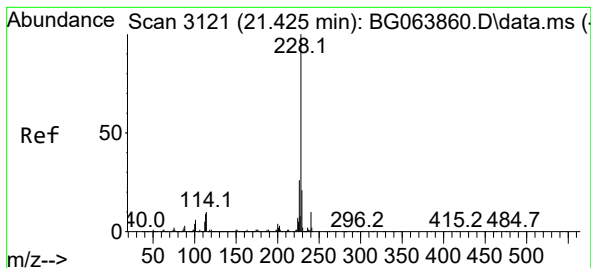
Ion Ratio Lower Upper

252 100

254 64.5 55.8 83.6

126 8.9 6.4 9.6





#85

Benzo(a)anthracene

Concen: 44.720 ng/ul

RT: 21.436 min Scan# 3121

Delta R.T. 0.017 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Instrument :

BNA_G

ClientSampleId :

YE680MSD

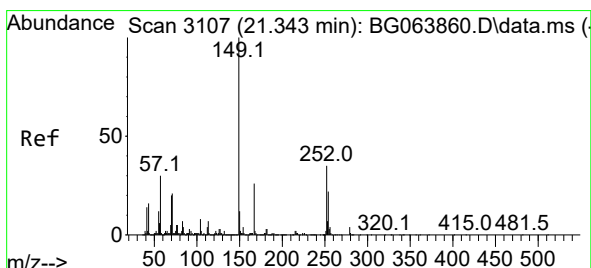
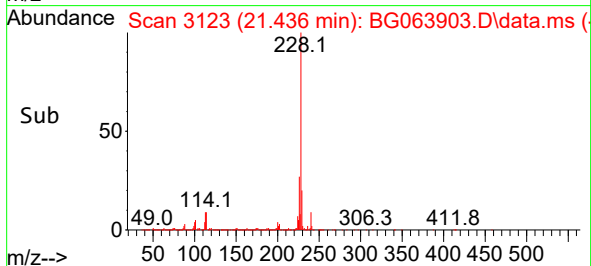
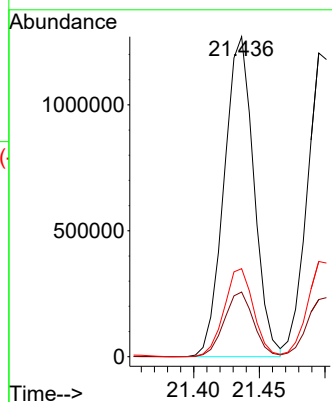
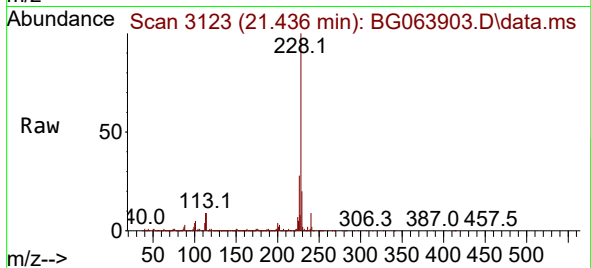
Tgt Ion:228 Resp: 2002421

Ion Ratio Lower Upper

228 100

229 20.2 15.7 23.5

226 27.5 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 55.234 ng/ul

RT: 21.342 min Scan# 3107

Delta R.T. 0.012 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

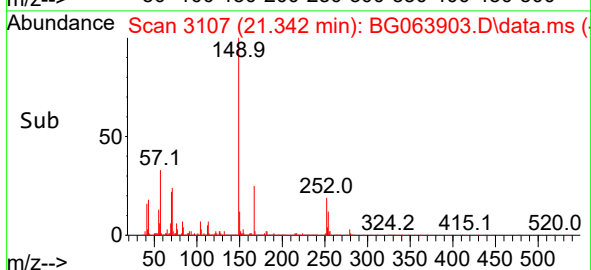
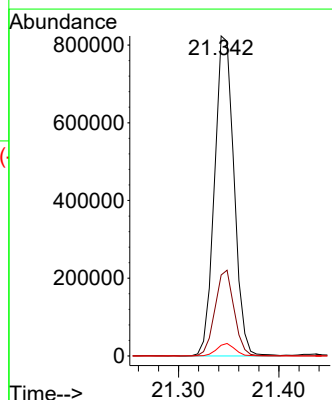
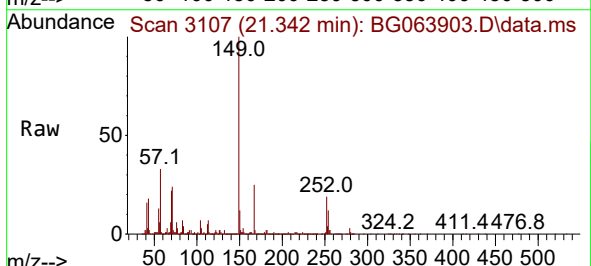
Tgt Ion:149 Resp: 1108883

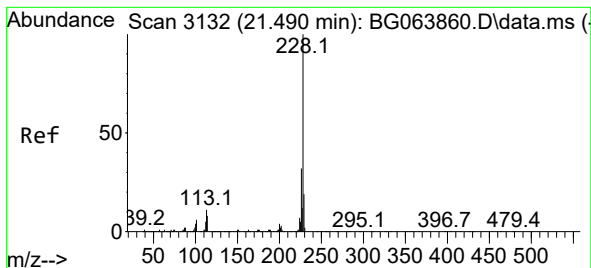
Ion Ratio Lower Upper

149 100

167 25.3 22.1 33.1

279 3.4 2.9 4.3





#87

Chrysene

Concen: 44.606 ng/ul

RT: 21.495 min Scan# 31

Delta R.T. 0.012 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Instrument :

BNA_G

ClientSampleId :

YE680MSD

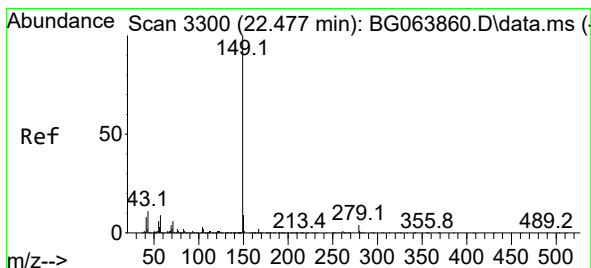
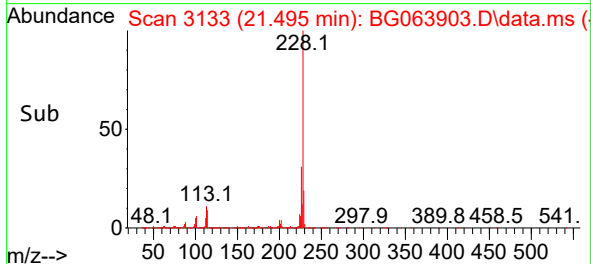
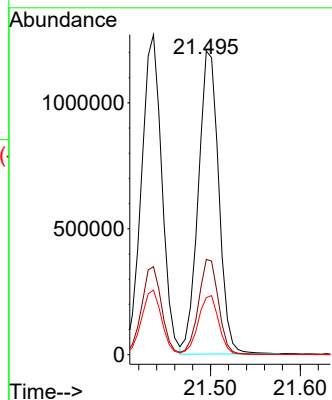
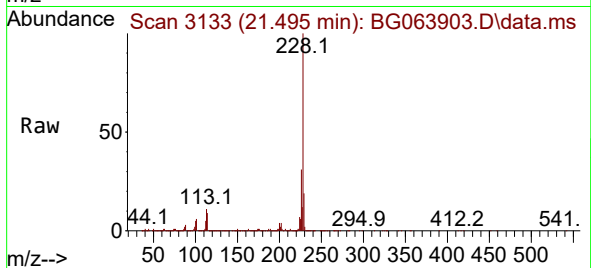
Tgt Ion:228 Resp: 1903650

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.0

229 18.8 14.8 22.2



#89

Di-n-octyl phthalate

Concen: 61.011 ng/ul

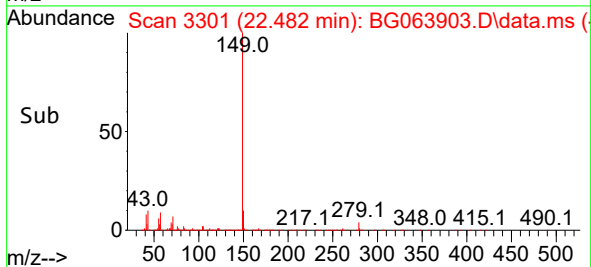
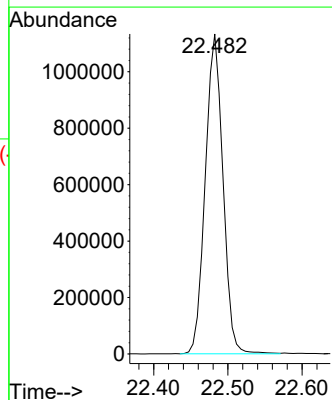
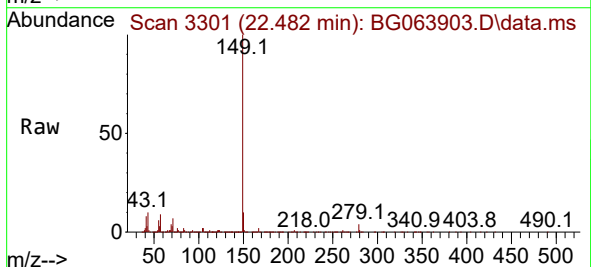
RT: 22.482 min Scan# 3301

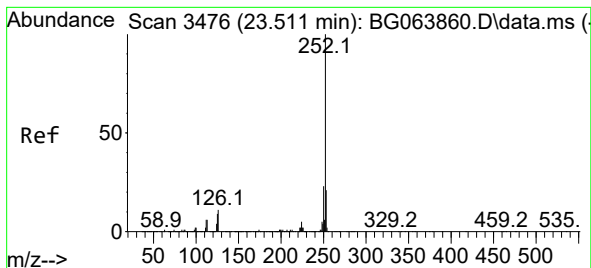
Delta R.T. 0.017 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Tgt Ion:149 Resp: 1872660





#90

Benzo(b)fluoranthene

Concen: 47.875 ng/ul

RT: 23.522 min Scan# 3476

Delta R.T. 0.023 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Instrument :

BNA_G

ClientSampleId :

YE680MSD

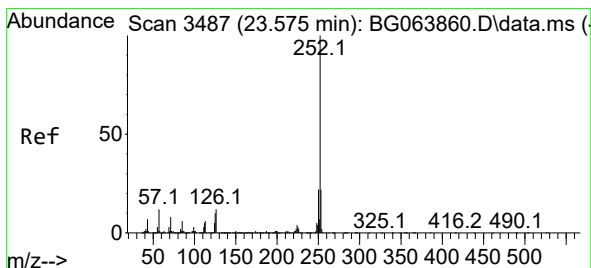
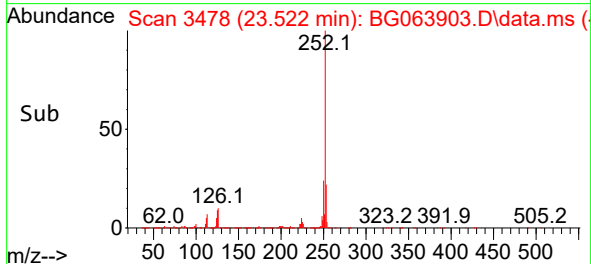
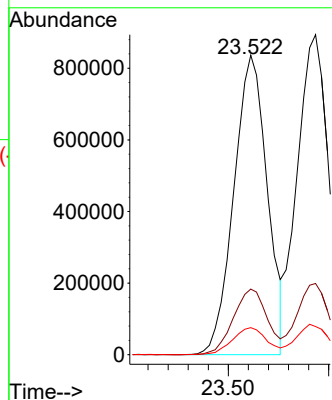
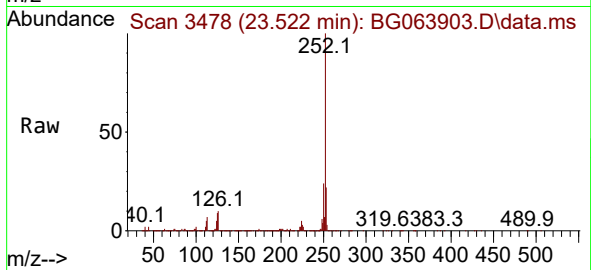
Tgt Ion:252 Resp: 1934990

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.0 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 48.829 ng/ul

RT: 23.587 min Scan# 3489

Delta R.T. 0.029 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

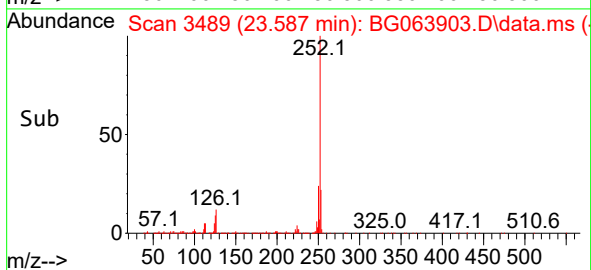
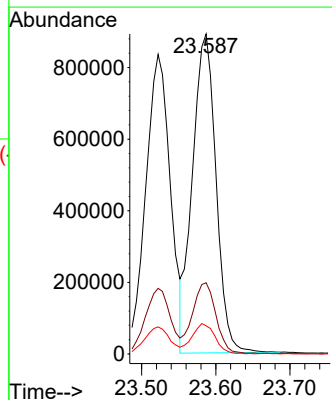
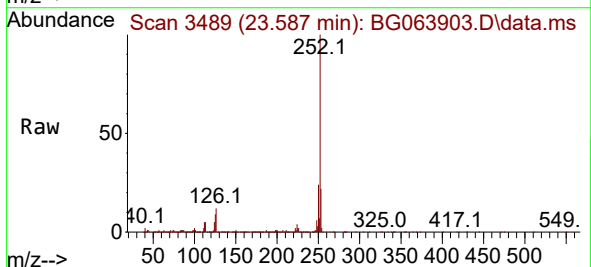
Tgt Ion:252 Resp: 1968580

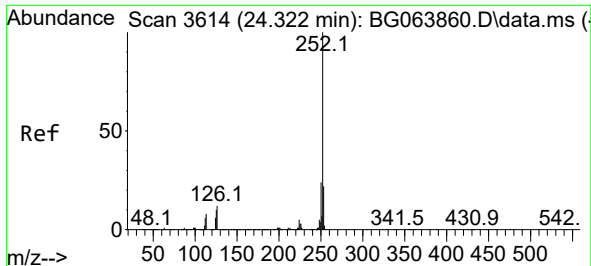
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.8 6.5 9.7

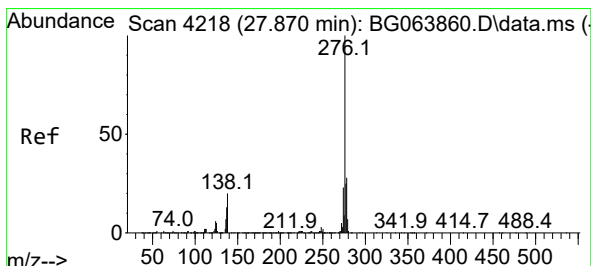
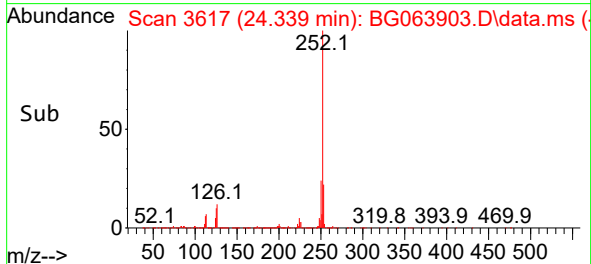
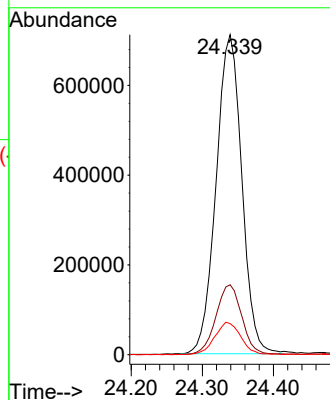
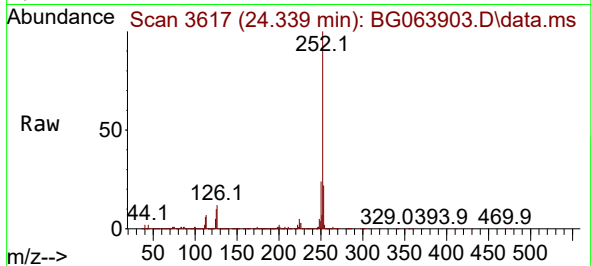




#93
Benzo(a)pyrene
Concen: 46.957 ng/ul
RT: 24.339 min Scan# 3
Delta R.T. 0.035 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

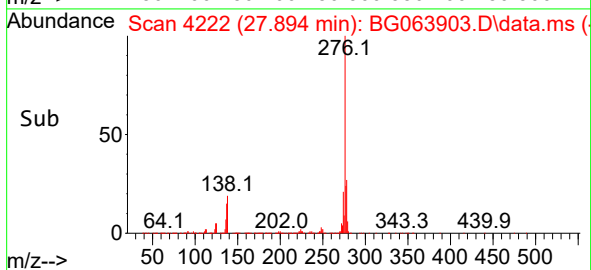
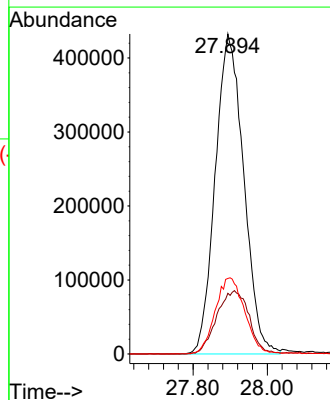
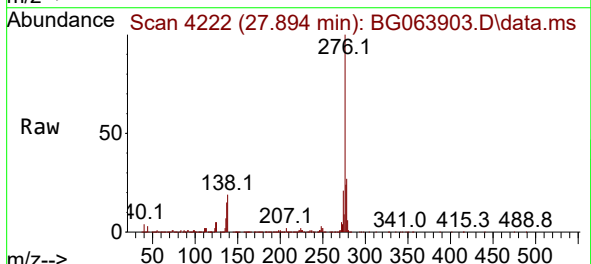
Instrument :
BNA_G
ClientSampleId :
YE680MSD

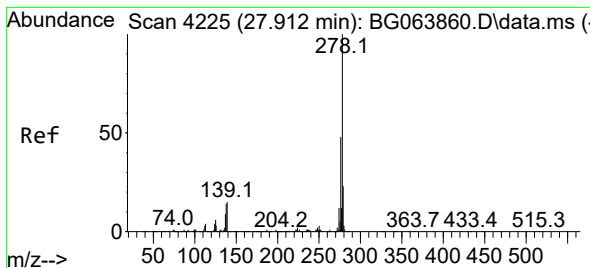
Tgt Ion:252 Resp: 1781419
Ion Ratio Lower Upper
252 100
253 21.9 16.6 24.8
125 9.7 8.0 12.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 49.689 ng/ul
RT: 27.894 min Scan# 4222
Delta R.T. 0.047 min
Lab File: BG063903.D
Acq: 28 Dec 2024 14:06

Tgt Ion:276 Resp: 2302105
Ion Ratio Lower Upper
276 100
138 19.0 13.7 20.5
277 23.6 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 50.178 ng/ul

RT: 27.941 min Scan# 41

Delta R.T. 0.053 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Instrument :

BNA_G

ClientSampleId :

YE680MSD

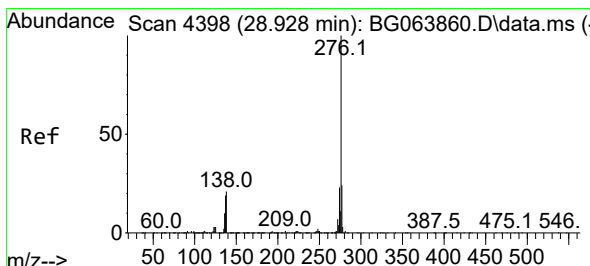
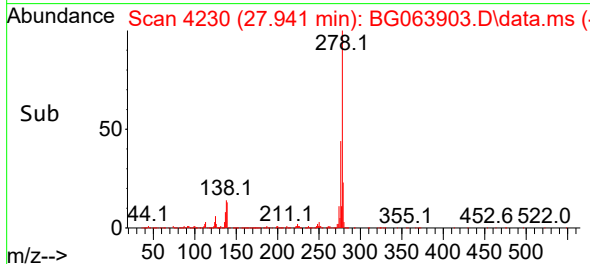
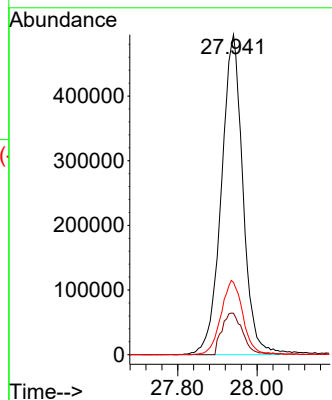
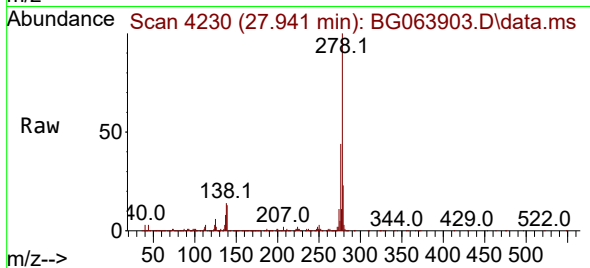
Tgt Ion:278 Resp: 1860158

Ion Ratio Lower Upper

278 100

139 13.0 9.7 14.5

279 22.6 17.3 25.9



#96

Benzo(g,h,i)perylene

Concen: 48.504 ng/ul

RT: 28.957 min Scan# 4403

Delta R.T. 0.059 min

Lab File: BG063903.D

Acq: 28 Dec 2024 14:06

Tgt Ion:276 Resp: 1783188

Ion Ratio Lower Upper

276 100

138 19.6 13.8 20.8

277 23.9 17.8 26.8

