

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
 Data File : BG060693.D
 Acq On : 20 Mar 2024 15:56
 Operator : MA/JU
 Sample : P1803-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRENCH-PITMSD

Quant Time: Mar 20 16:36:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 18 14:26:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	92920	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	399106	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	284846	20.000	ng	0.00
64) Phenanthrene-d10	17.676	188	647500	20.000	ng	0.00
76) Chrysene-d12	21.995	240	618086	20.000	ng	0.00
86) Perylene-d12	25.532	264	756649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	545678	92.316	ng	0.00
7) Phenol-d6	7.412	99	916397	106.874	ng	0.00
23) Nitrobenzene-d5	9.492	82	605464	78.953	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	417842	126.589	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	1163173	55.211	ng	0.00
79) Terphenyl-d14	20.256	244	1855780	54.271	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.616	88	100777	40.731	ng	96
3) Pyridine	4.039	79	246223	33.672	ng	94
4) n-Nitrosodimethylamine	3.963	42	156191	43.542	ng	99
6) Aniline	7.618	93	222211	21.208	ng	98
8) 2-Chlorophenol	7.841	128	280760	43.451	ng	99
9) Benzaldehyde	7.436	77	64362	13.409	ng	93
10) Phenol	7.441	94	389148	45.231	ng	100
11) bis(2-Chloroethyl)ether	7.706	93	260970	38.051	ng	97
12) 1,3-Dichlorobenzene	8.176	146	291723	41.866	ng	96
13) 1,4-Dichlorobenzene	8.329	146	299490	42.401	ng	98
14) 1,2-Dichlorobenzene	8.646	146	298375	42.534	ng	99
15) Benzyl Alcohol	8.534	79	287336	42.386	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.793	45	519321	39.004	ng	98
17) 2-Methylphenol	8.716	107	275679	41.729	ng	99
18) Hexachloroethane	9.380	117	115956	48.058	ng	95
19) n-Nitroso-di-n-propyla...	9.098	70	248777	41.857	ng	100
20) 3+4-Methylphenols	9.045	107	392033	43.999	ng	98
22) Acetophenone	9.139	105	492470	46.024	ng	# 98
24) Nitrobenzene	9.539	77	356011	46.436	ng	99
25) Isophorone	10.044	82	707323	46.084	ng	99
26) 2-Nitrophenol	10.244	139	159086	51.075	ng	93
27) 2,4-Dimethylphenol	10.267	122	259017	38.128	ng	99
28) bis(2-Chloroethoxy)met...	10.526	93	373096	40.548	ng	98
29) 2,4-Dichlorophenol	10.761	162	288081	47.250	ng	98
30) 1,2,4-Trichlorobenzene	10.984	180	279289	43.142	ng	98
31) Naphthalene	11.190	128	956623	42.913	ng	100
32) Benzoic acid	10.391	122	223366	49.779	ng	94
33) 4-Chloroaniline	11.307	127	137095	14.584	ng	93
34) Hexachlorobutadiene	11.419	225	179320	40.610	ng	95
35) Caprolactam	12.101	113	73055	35.594	ng	94
36) 4-Chloro-3-methylphenol	12.377	107	364447	48.776	ng	98
37) 2-Methylnaphthalene	12.770	142	647674	42.066	ng	98
38) 1-Methylnaphthalene	12.988	142	616002	42.626	ng	98
40) 1,2,4,5-Tetrachloroben...	13.117	216	360977	41.266	ng	99
41) Hexachlorocyclopentadiene	13.070	237	311607	72.438	ng	99
43) 2,4,6-Trichlorophenol	13.358	196	261541	46.563	ng	98

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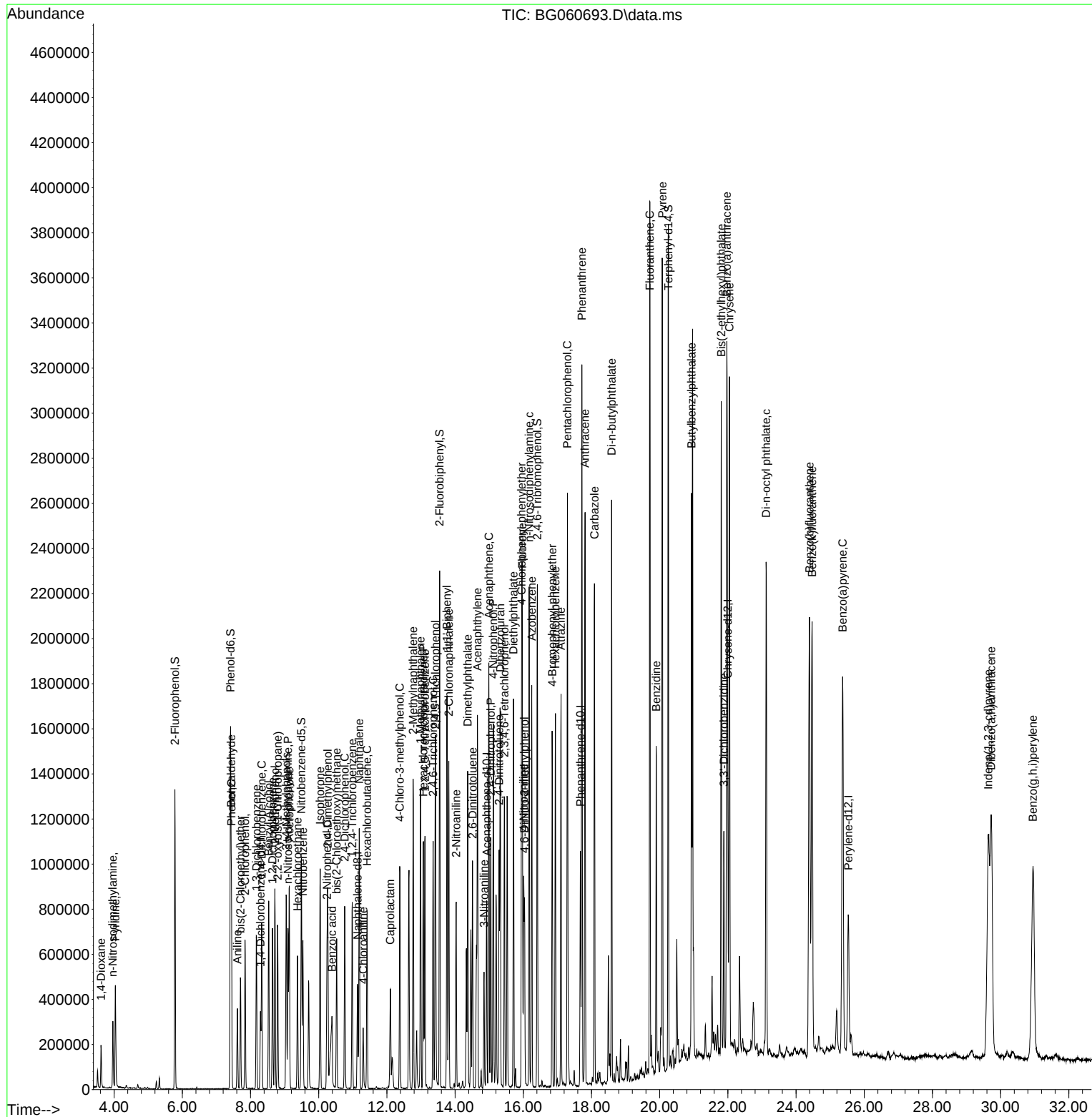
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.428	196	287107	43.209	ng	97
46) 1,1'-Biphenyl	13.763	154	881876	40.730	ng	99
47) 2-Chloronaphthalene	13.816	162	692409	42.374	ng	96
48) 2-Nitroaniline	14.034	65	254364	47.165	ng	93
49) Acenaphthylene	14.656	152	1203705	45.219	ng	99
50) Dimethylphthalate	14.369	163	923275	43.218	ng	99
51) 2,6-Dinitrotoluene	14.515	165	191201	48.573	ng	90
52) Acenaphthene	14.991	154	676269	42.514	ng	96
53) 3-Nitroaniline	14.850	138	118253	26.091	ng	96
54) 2,4-Dinitrophenol	15.050	184	227858	110.240	ng	98
55) Dibenzofuran	15.326	168	1130482	43.893	ng	99
56) 4-Nitrophenol	15.121	139	371169	109.747	ng	99
57) 2,4-Dinitrotoluene	15.291	165	273644	55.260	ng	# 95
58) Fluorene	15.973	166	928311	45.049	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.450	232	277175	50.020	ng	100
60) Diethylphthalate	15.714	149	979919	44.581	ng	100
61) 4-Chlorophenyl-phenyle...	15.949	204	442881	42.431	ng	99
62) 4-Nitroaniline	16.014	138	227460	49.009	ng	98
63) Azobenzene	16.249	77	1000005	43.960	ng	97
65) 4,6-Dinitro-2-methylph...	16.037	198	154560	52.340	ng	94
66) n-Nitrosodiphenylamine	16.172	169	841033	41.503	ng	99
67) 4-Bromophenyl-phenylether	16.848	248	307204	43.997	ng	99
68) Hexachlorobenzene	16.942	284	358056	44.601	ng	99
69) Atrazine	17.107	200	318773	47.032	ng	98
70) Pentachlorophenol	17.295	266	477815	91.830	ng	98
71) Phenanthrene	17.718	178	1969951	56.479	ng	99
72) Anthracene	17.812	178	1609483	45.638	ng	99
73) Carbazole	18.088	167	1462302	47.687	ng	100
74) Di-n-butylphthalate	18.593	149	1716120	45.924	ng	99
75) Fluoranthene	19.715	202	2431071	63.011	ng	99
77) Benzidine	19.903	184	855022	56.555	ng	98
78) Pyrene	20.079	202	2394717	55.518	ng	100
80) Butylbenzylphthalate	20.931	149	790070	48.450	ng	99
81) Benzo(a)anthracene	21.971	228	2179241	51.207	ng	98
82) 3,3'-Dichlorobenzidine	21.883	252	380670	26.538	ng	96
83) Chrysene	22.048	228	2105400	50.951	ng	98
84) Bis(2-ethylhexyl)phtha...	21.807	149	1212126	50.323	ng	98
85) Di-n-octyl phthalate	23.123	149	2043855	51.529	ng	98
87) Indeno(1,2,3-cd)pyrene	29.639	276	2624051	50.842	ng	# 88
88) Benzo(b)fluoranthene	24.392	252	2262887	54.362	ng	100
89) Benzo(k)fluoranthene	24.468	252	2124249	48.575	ng	99
90) Benzo(a)pyrene	25.367	252	2077166	50.898	ng	99
91) Dibenzo(a,h)anthracene	29.721	278	1994780	45.528	ng	99
92) Benzo(g,h,i)perylene	30.949	276	2075147	48.918	ng	99

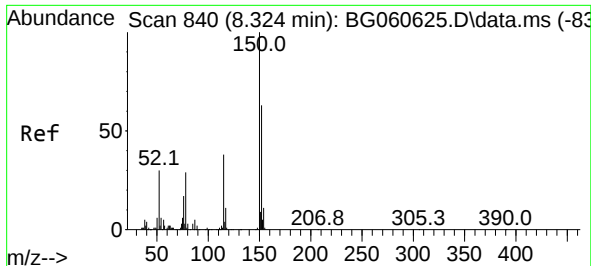
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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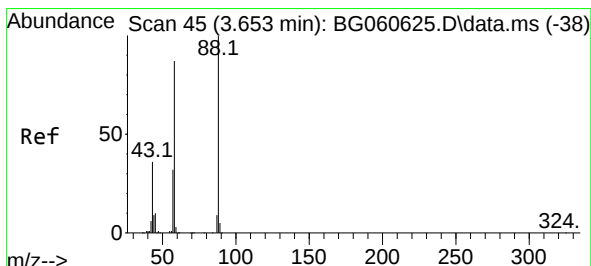
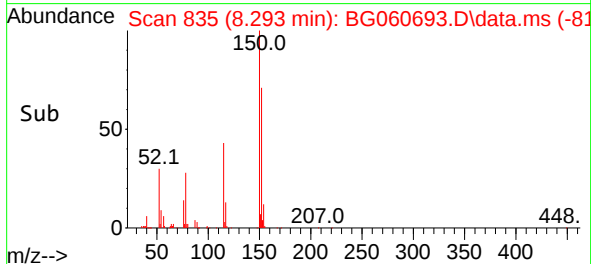
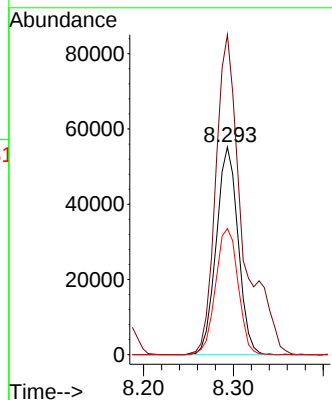
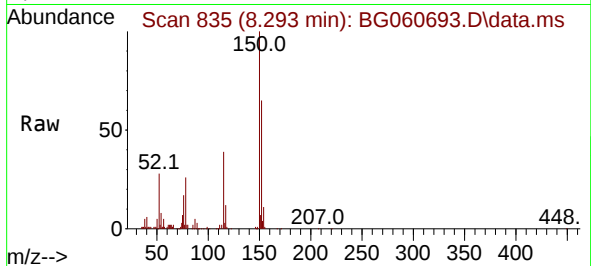




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.293 min Scan# 81
 Delta R.T. 0.005 min
 Lab File: BG060693.D
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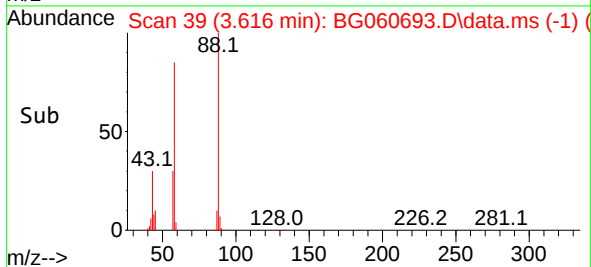
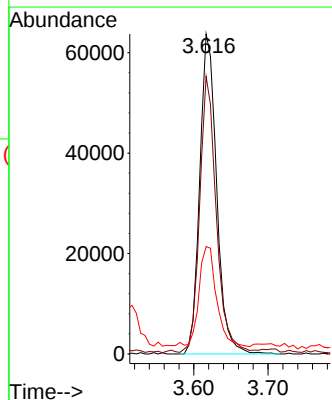
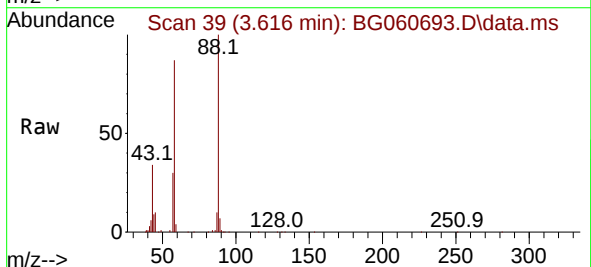
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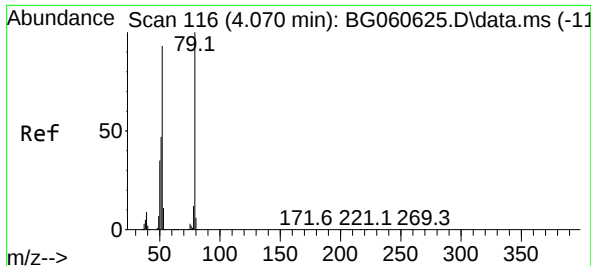
Tgt Ion:152 Resp: 92920
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.6 190.0
 115 60.7 47.8 71.8



#2
 1,4-Dioxane
 Concen: 40.731 ng
 RT: 3.616 min Scan# 39
 Delta R.T. -0.001 min
 Lab File: BG060693.D
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Tgt Ion: 88 Resp: 100777
 Ion Ratio Lower Upper
 88 100
 58 84.7 70.6 106.0
 43 32.7 27.9 41.9

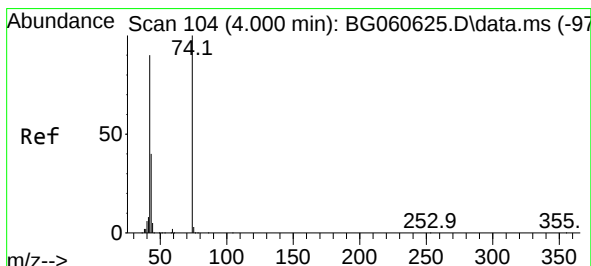
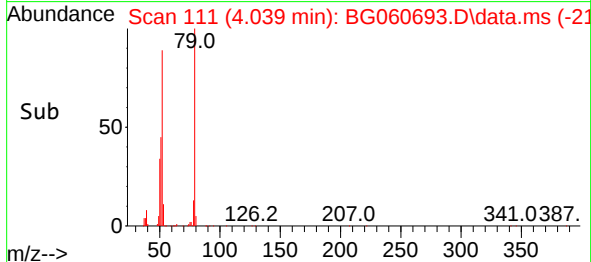
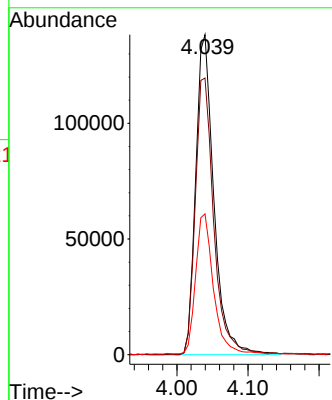
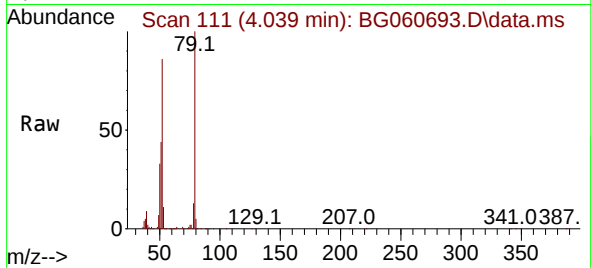




#3
Pyridine
Concen: 33.672 ng
RT: 4.039 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

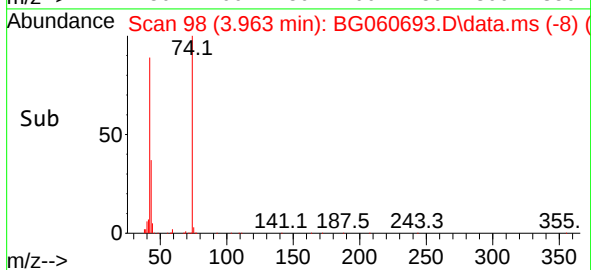
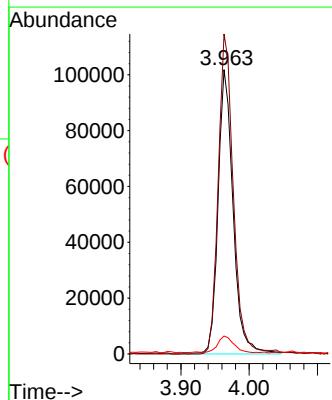
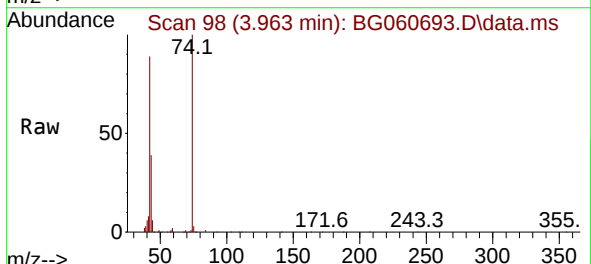
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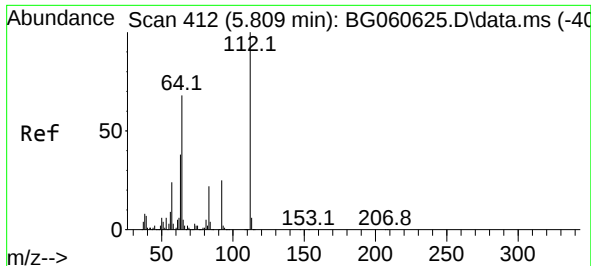
Tgt Ion: 79 Resp: 246223
Ion Ratio Lower Upper
79 100
52 86.5 74.6 112.0
51 44.0 38.0 57.0



#4
n-Nitrosodimethylamine
Concen: 43.542 ng
RT: 3.963 min Scan# 98
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion: 42 Resp: 156191
Ion Ratio Lower Upper
42 100
74 112.6 89.0 133.6
44 6.3 4.7 7.1

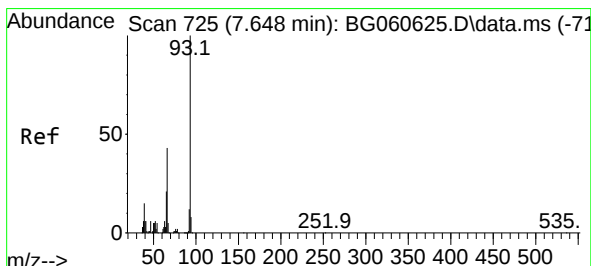
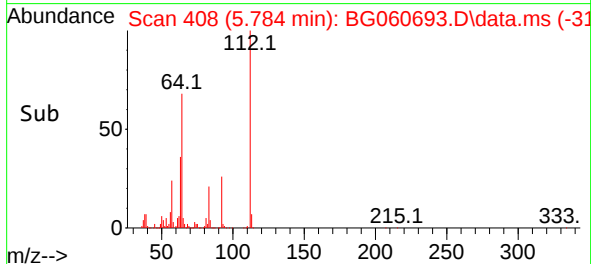
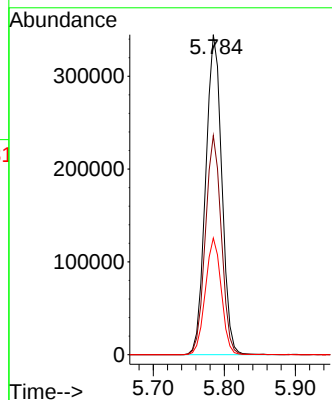
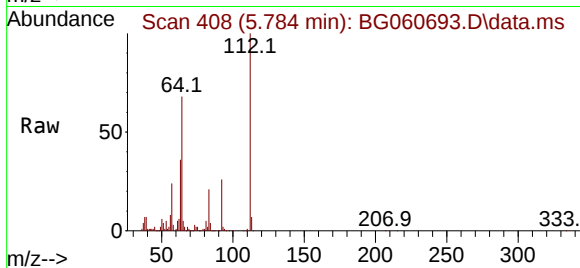




#5
2-Fluorophenol
Concen: 92.316 ng
RT: 5.784 min Scan# 40
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

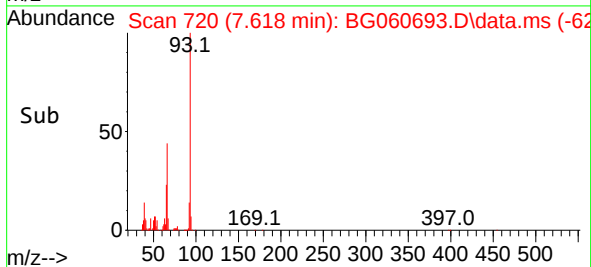
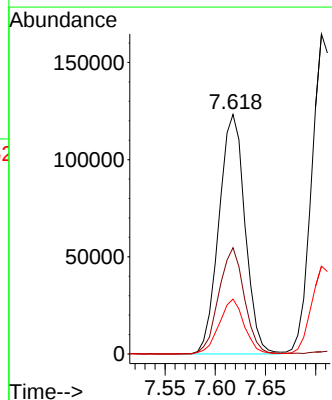
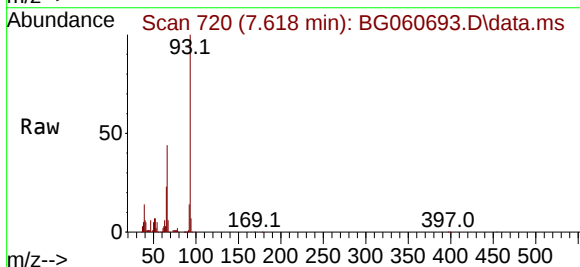
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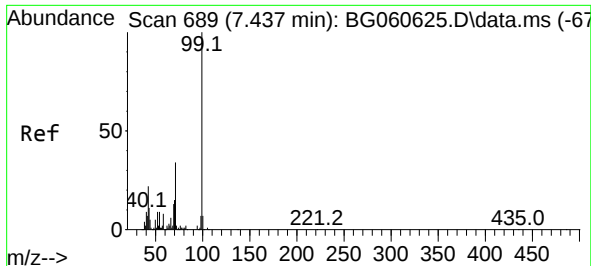
Tgt Ion:112 Resp: 545678
Ion Ratio Lower Upper
112 100
64 68.4 54.1 81.1
63 36.4 30.3 45.5



#6
Aniline
Concen: 21.208 ng
RT: 7.618 min Scan# 720
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion: 93 Resp: 222211
Ion Ratio Lower Upper
93 100
66 44.3 34.5 51.7
65 22.9 17.0 25.4

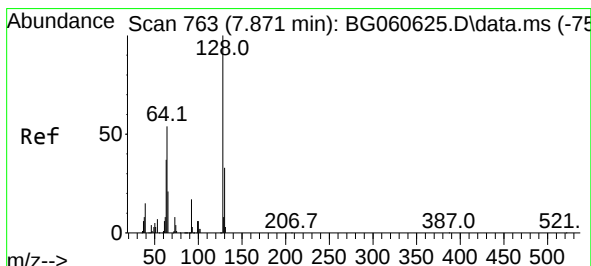
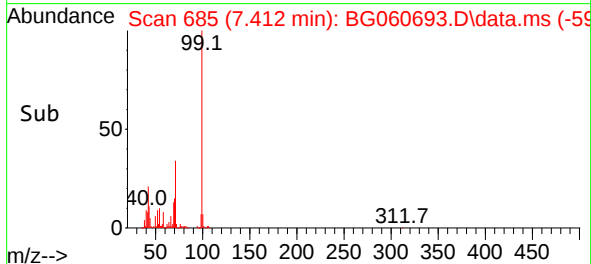
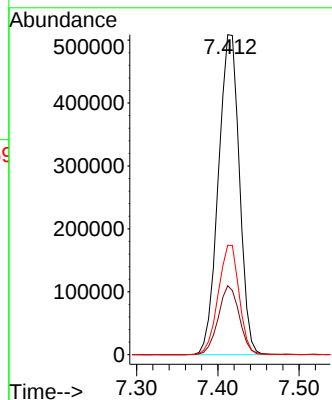
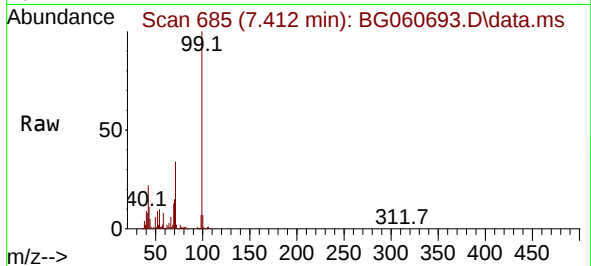




#7
Phenol-d6
Concen: 106.874 ng
RT: 7.412 min Scan# 61
Delta R.T. 0.005 min
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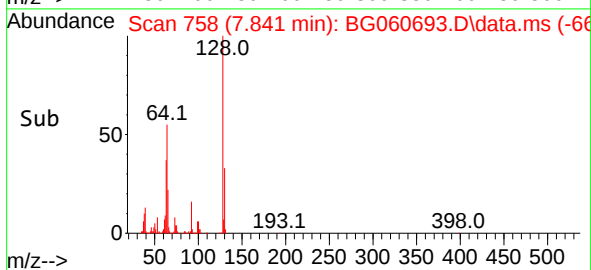
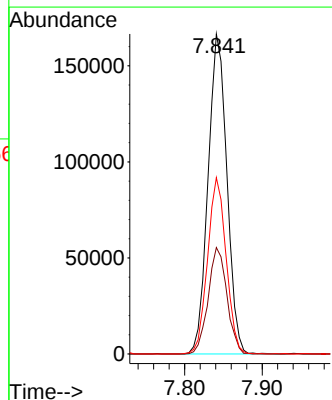
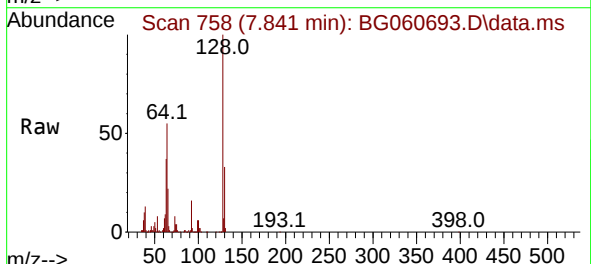
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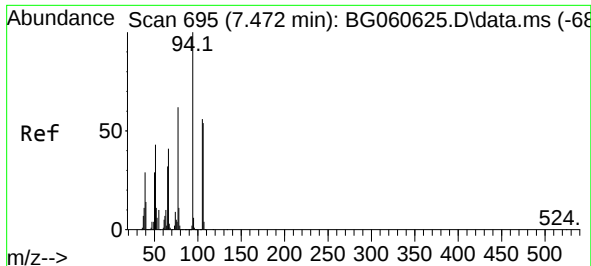
Tgt Ion: 99 Resp: 916397
Ion Ratio Lower Upper
99 100
42 21.5 17.5 26.3
71 34.2 27.4 41.0



#8
2-Chlorophenol
Concen: 43.451 ng
RT: 7.841 min Scan# 758
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion: 128 Resp: 280760
Ion Ratio Lower Upper
128 100
130 33.3 13.2 53.2
64 55.1 35.8 75.8

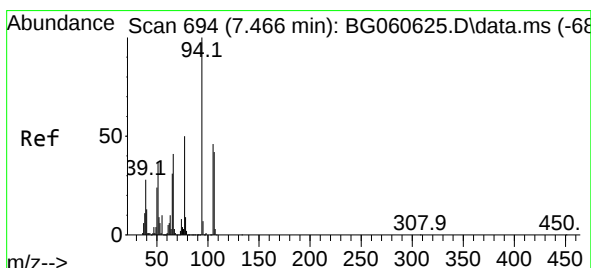
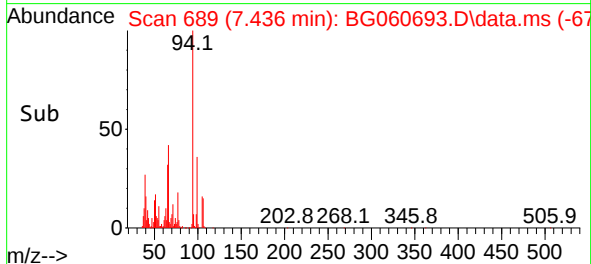
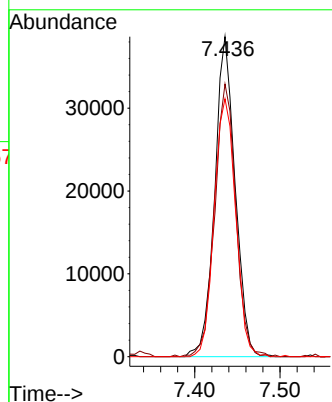
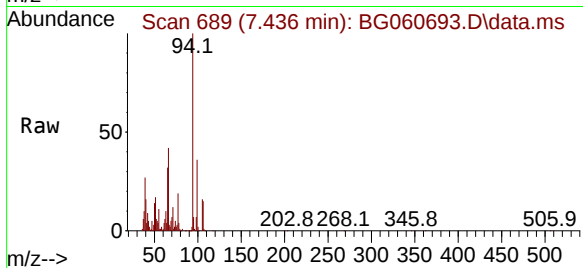




#9
Benzaldehyde
Concen: 13.409 ng
RT: 7.436 min Scan# 61
Delta R.T. 0.005 min
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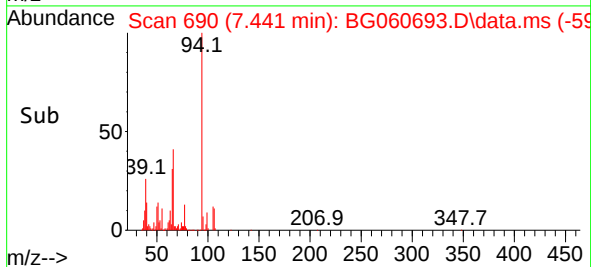
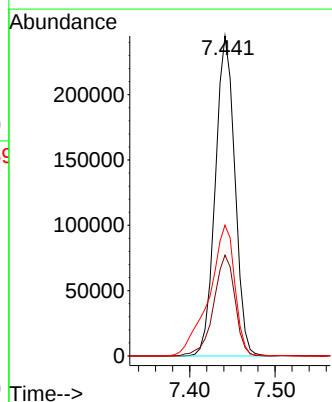
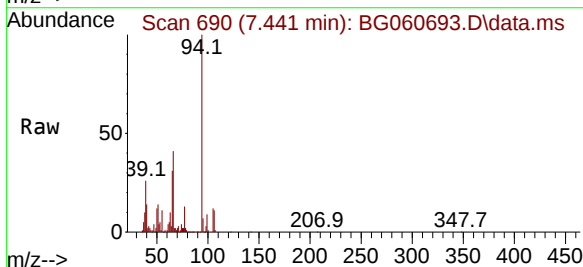
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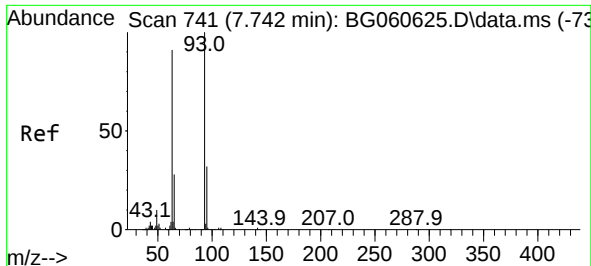
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Ion Ratio Lower Upper
77 100
105 85.2 71.4 111.4
106 80.6 67.1 107.1



#10
Phenol
Concen: 45.231 ng
RT: 7.441 min Scan# 690
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion: 94 Resp: 389148
Ion Ratio Lower Upper
94 100
65 31.5 11.2 51.2
66 40.9 21.0 61.0

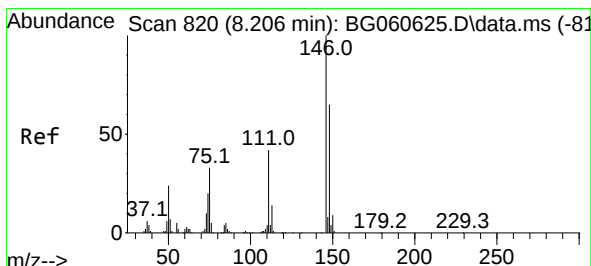
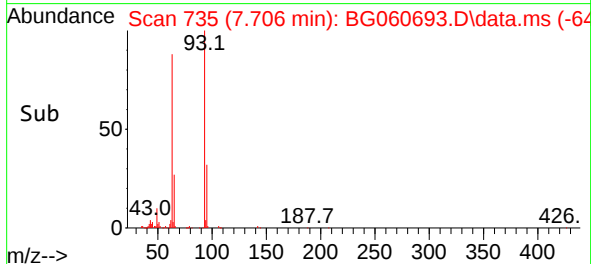
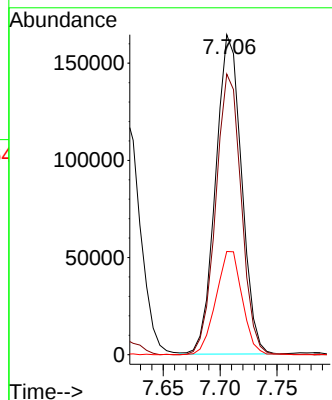
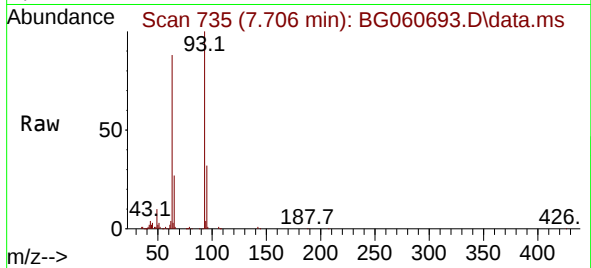




#11
bis(2-Chloroethyl)ether
Concen: 38.051 ng
RT: 7.706 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

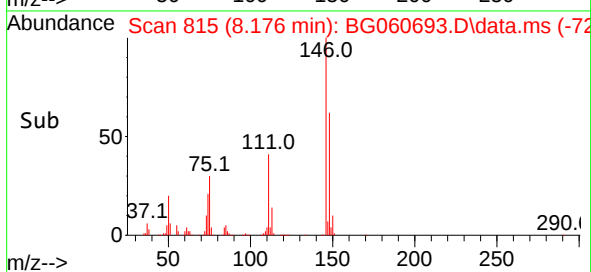
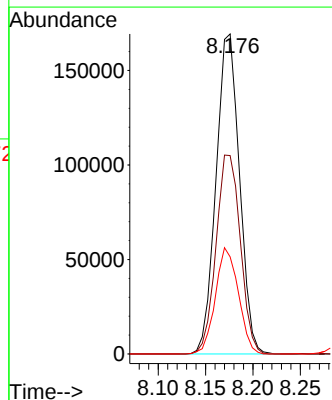
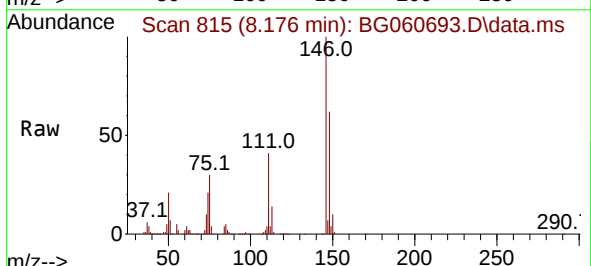
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

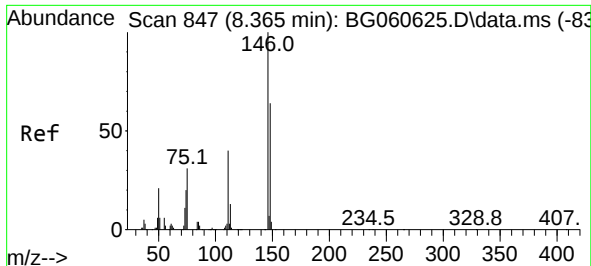
Tgt Ion: 93 Resp: 260970
Ion Ratio Lower Upper
93 100
63 87.7 70.9 110.9
95 32.2 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 41.866 ng
RT: 8.176 min Scan# 815
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:146 Resp: 291723
Ion Ratio Lower Upper
146 100
148 62.0 52.1 78.1
75 30.3 26.3 39.5

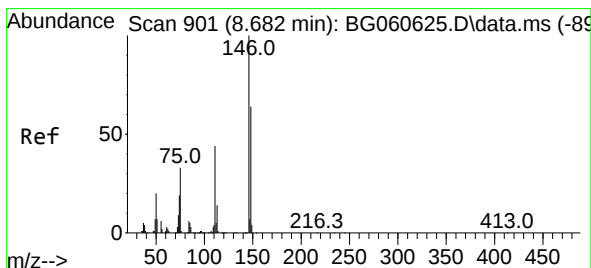
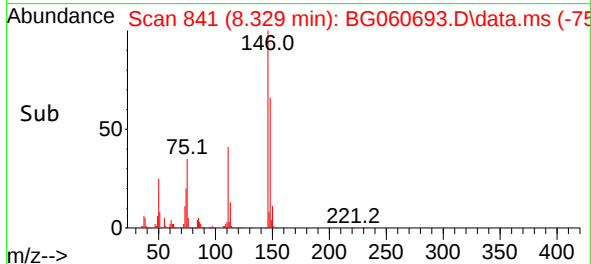
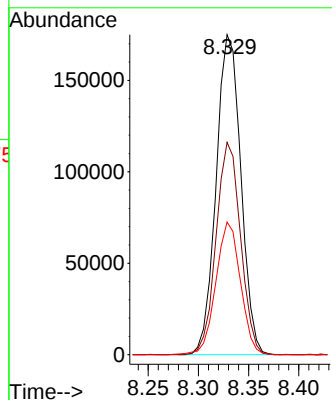
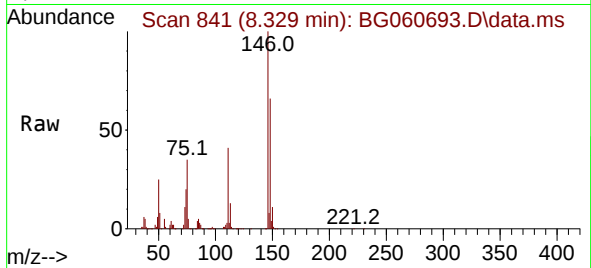




#13
1,4-Dichlorobenzene
Concen: 42.401 ng
RT: 8.329 min Scan# 841
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

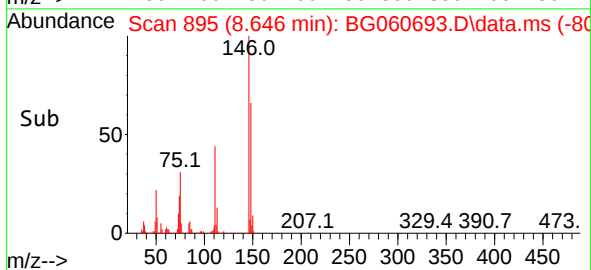
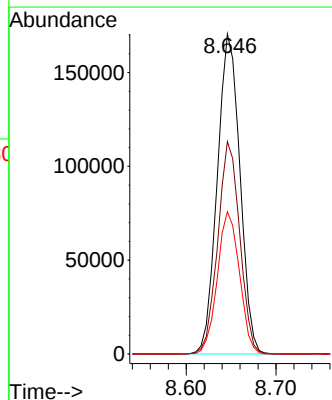
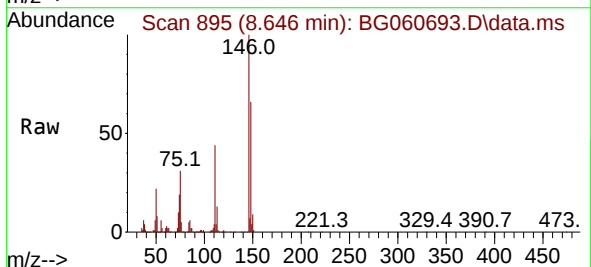
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

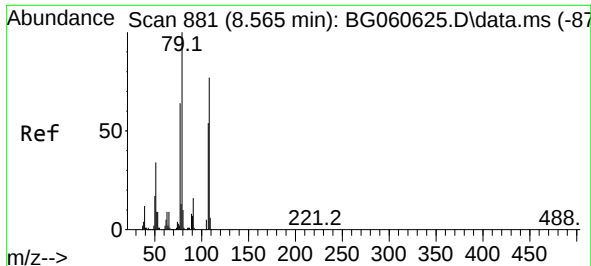
Tgt Ion:146 Resp: 299490
Ion Ratio Lower Upper
146 100
148 66.3 51.5 77.3
111 41.4 32.2 48.2



#14
1,2-Dichlorobenzene
Concen: 42.534 ng
RT: 8.646 min Scan# 895
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:146 Resp: 298375
Ion Ratio Lower Upper
146 100
148 66.4 51.8 77.6
111 44.5 35.5 53.3

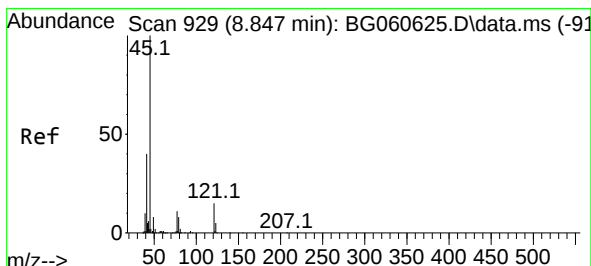
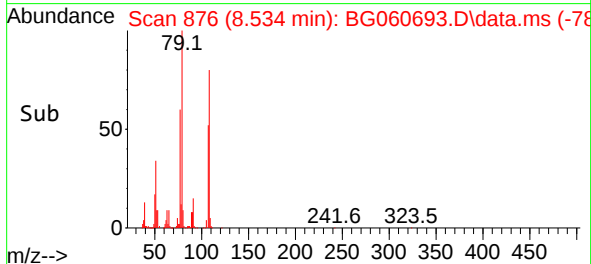
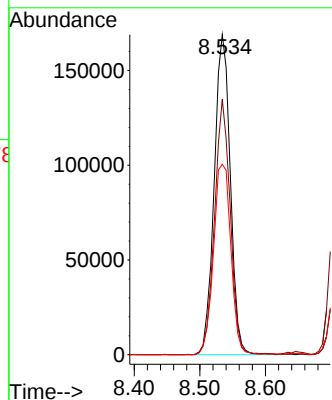
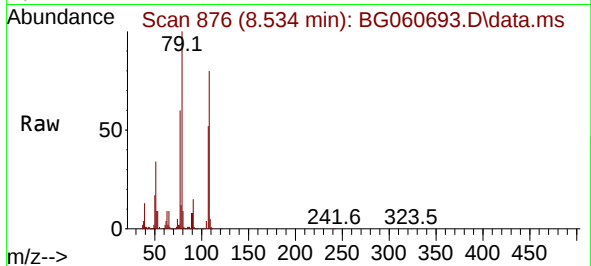




#15
Benzyl Alcohol
Concen: 42.386 ng
RT: 8.534 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

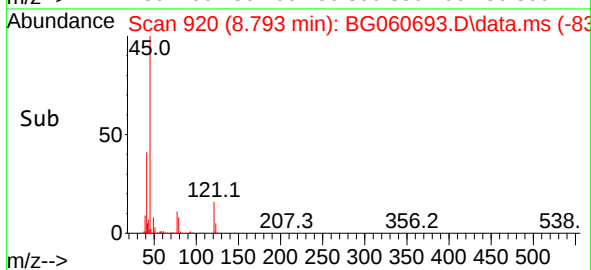
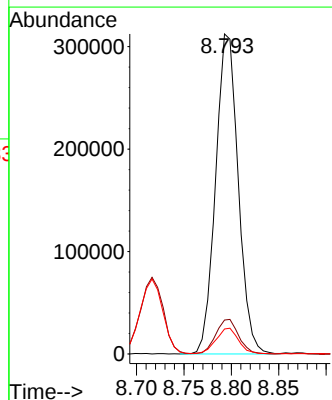
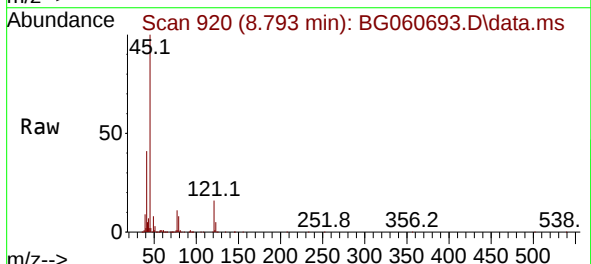
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

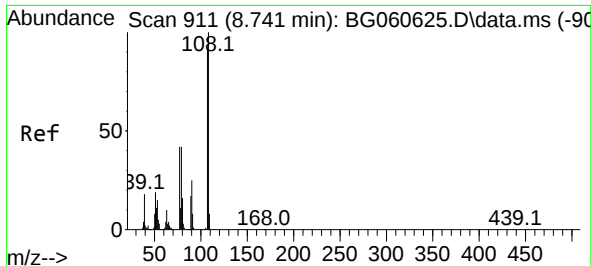
Tgt Ion: 79 Resp: 287336
Ion Ratio Lower Upper
79 100
108 79.8 61.4 92.2
77 59.5 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.004 ng
RT: 8.793 min Scan# 920
Delta R.T. -0.007 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion: 45 Resp: 519321
Ion Ratio Lower Upper
45 100
77 10.6 0.0 31.0
79 7.8 0.0 28.8

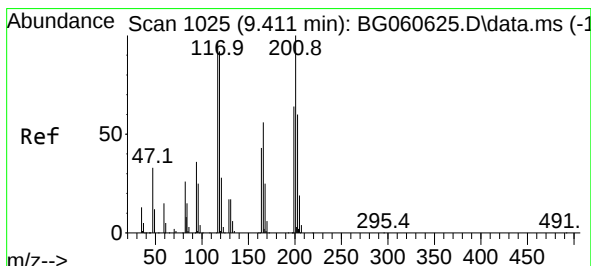
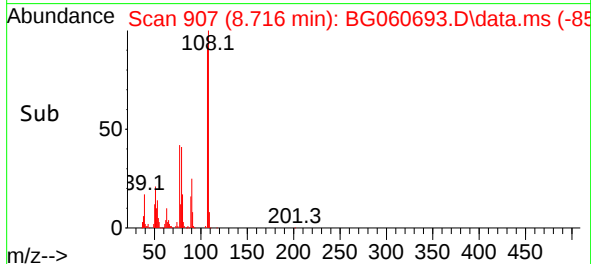
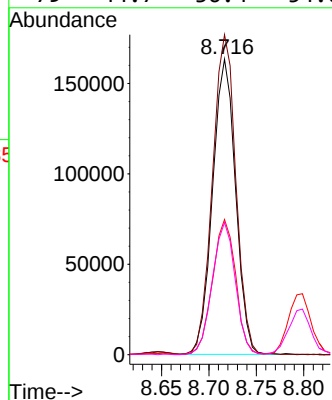
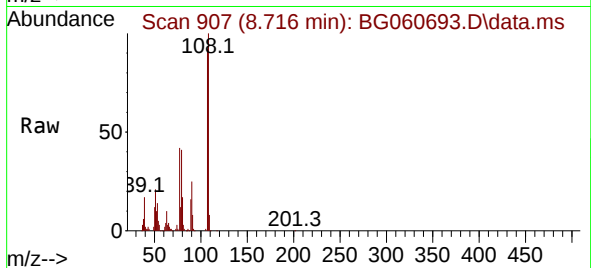




#17
2-Methylphenol
Concen: 41.729 ng
RT: 8.716 min Scan# 907
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

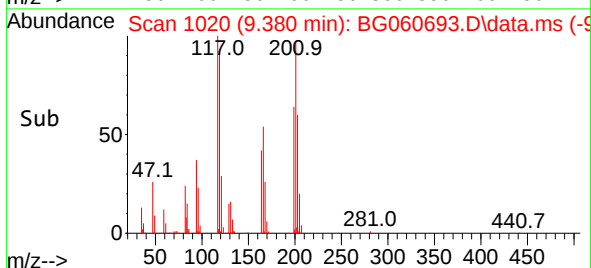
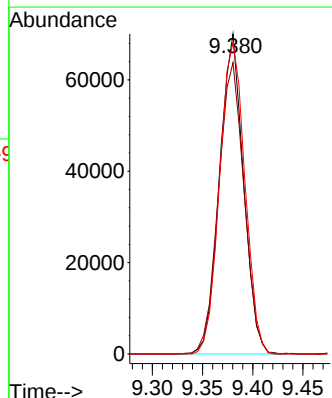
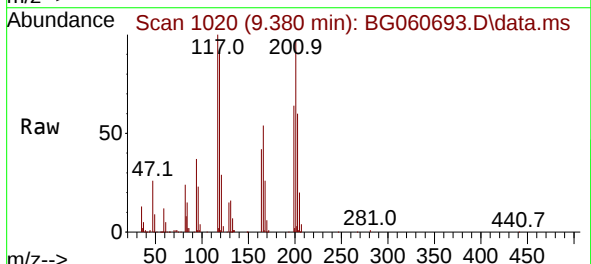
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

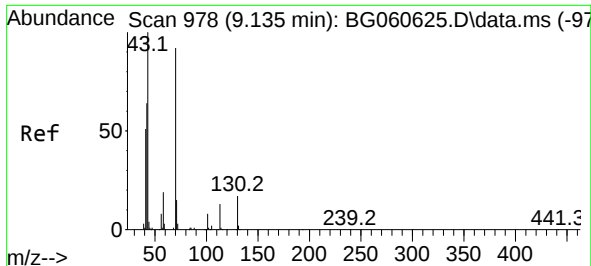
Tgt Ion:	107	Resp:	275679
Ion	Ratio	Lower	Upper
107	100		
108	108.3	87.4	131.2
77	45.8	37.0	55.6
79	44.7	36.4	54.6



#18
Hexachloroethane
Concen: 48.058 ng
RT: 9.380 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:	117	Resp:	115956
Ion	Ratio	Lower	Upper
117	100		
119	92.3	76.7	115.1
201	97.4	83.0	124.6

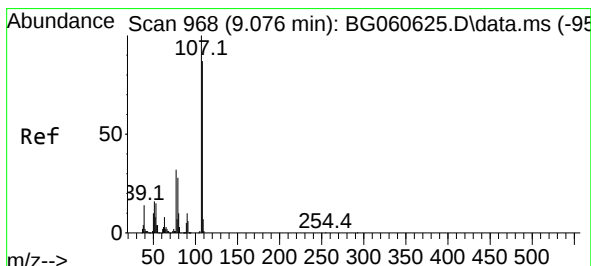
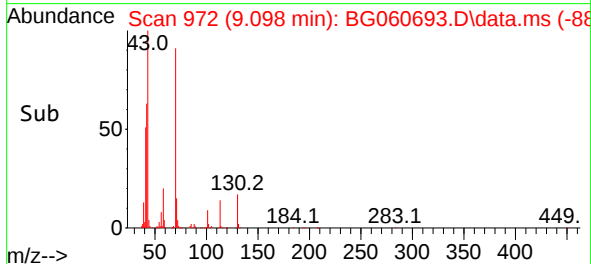
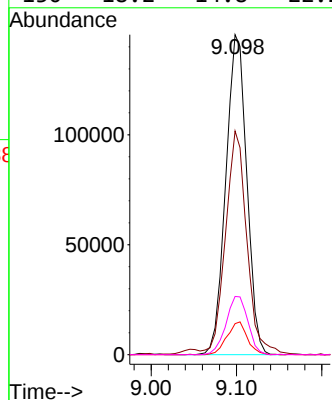
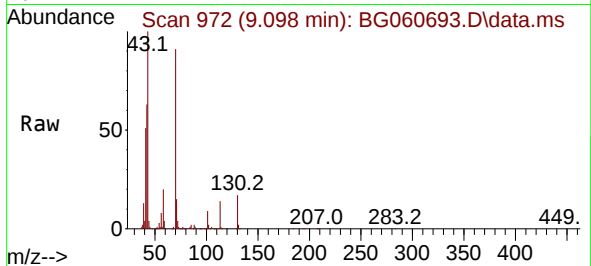




#19
n-Nitroso-di-n-propylamine
Concen: 41.857 ng
RT: 9.098 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

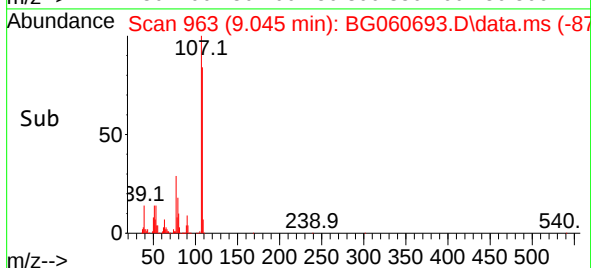
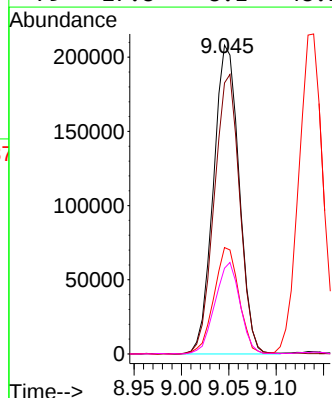
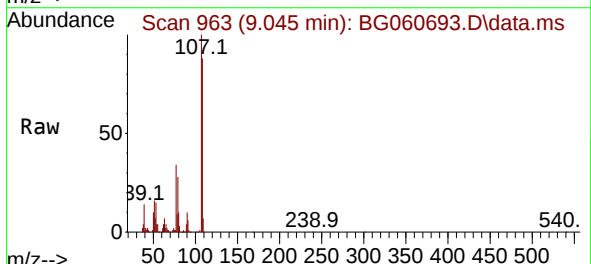
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

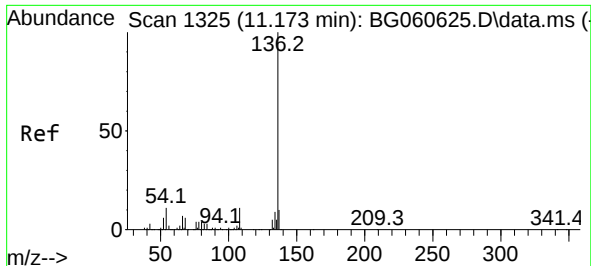
Tgt Ion: 70 Resp: 248777
Ion Ratio Lower Upper
70 100
42 69.9 56.2 84.2
101 9.7 7.4 11.0
130 18.2 14.8 22.2



#20
3+4-Methylphenols
Concen: 43.999 ng
RT: 9.045 min Scan# 963
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:107 Resp: 392033
Ion Ratio Lower Upper
107 100
108 87.8 66.8 106.8
77 34.5 12.4 52.4
79 27.8 8.1 48.1

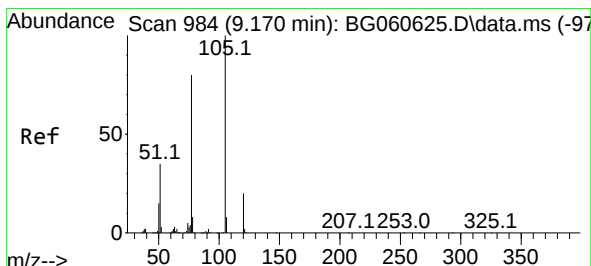
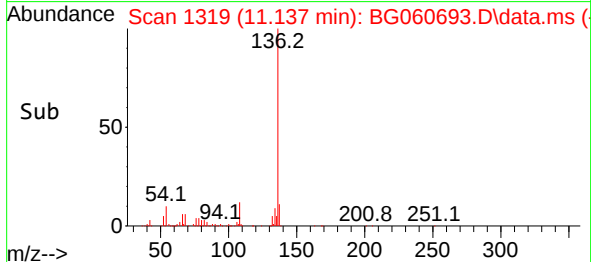
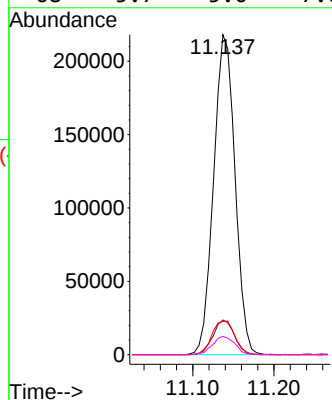
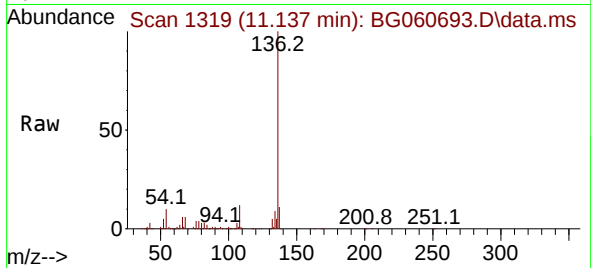




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

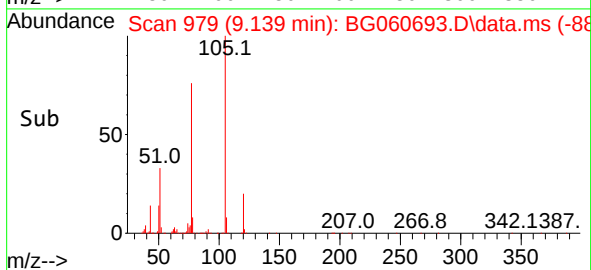
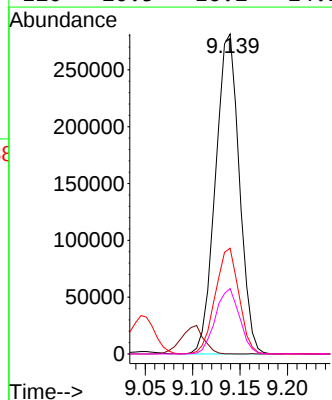
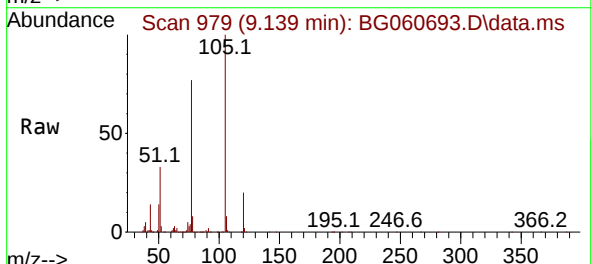
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

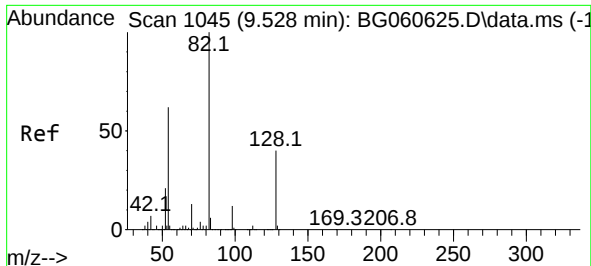
Tgt Ion:	136	Resp:	399106
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	10.4	8.5	12.7
68	5.7	5.0	7.6



#22
Acetophenone
Concen: 46.024 ng
RT: 9.139 min Scan# 979
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:	105	Resp:	492470
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.1	0.1#
51	33.1	28.0	42.0
120	20.5	16.2	24.2





#23

Nitrobenzene-d5

Concen: 78.953 ng

RT: 9.492 min Scan# 1039

Delta R.T. -0.001 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMSD

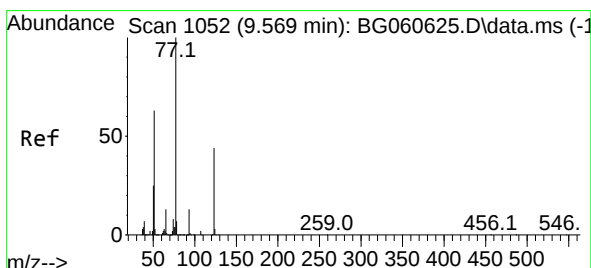
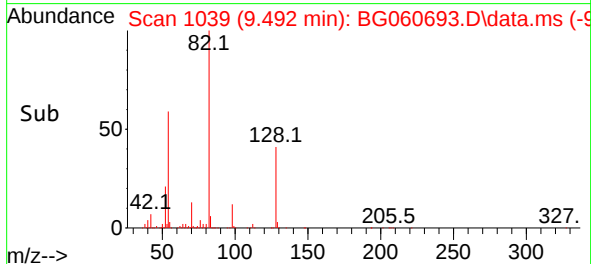
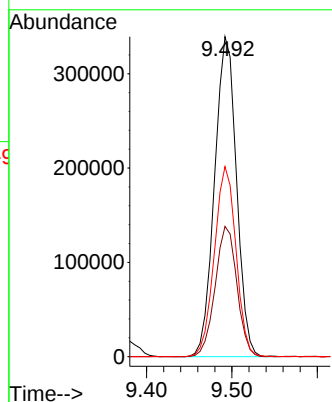
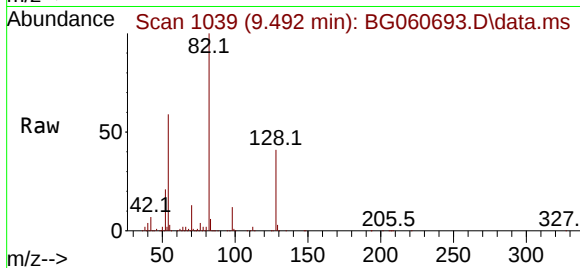
Tgt Ion: 82 Resp: 605464

Ion Ratio Lower Upper

82 100

128 40.7 31.6 47.4

54 59.4 49.3 73.9



#24

Nitrobenzene

Concen: 46.436 ng

RT: 9.539 min Scan# 1047

Delta R.T. 0.005 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

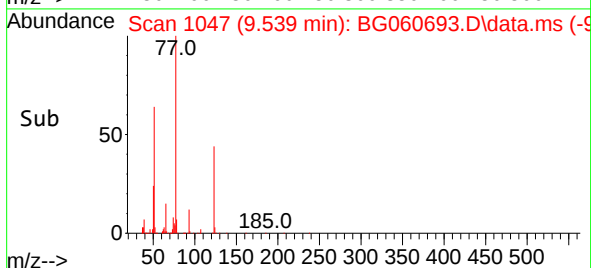
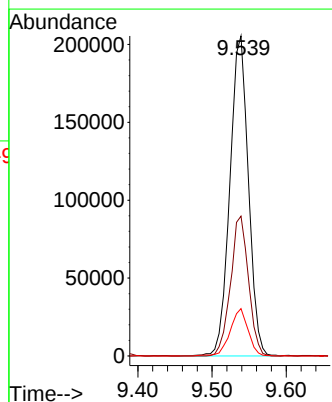
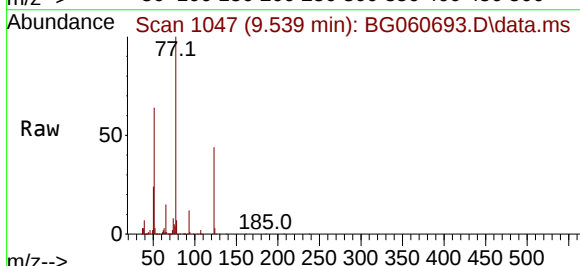
Tgt Ion: 77 Resp: 356011

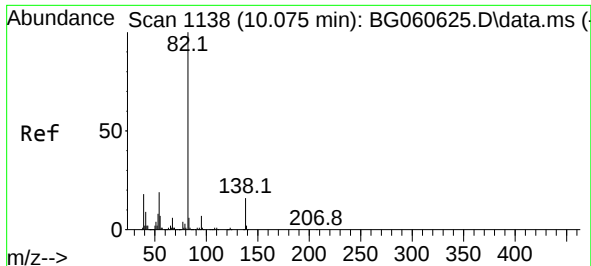
Ion Ratio Lower Upper

77 100

123 43.7 34.8 52.2

65 14.8 10.6 15.8

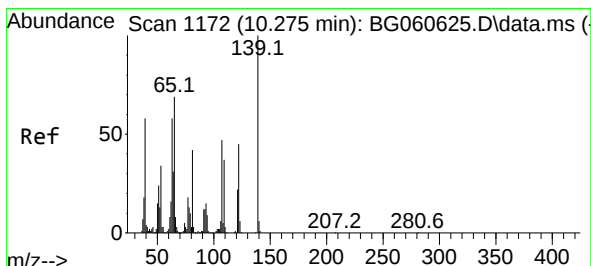
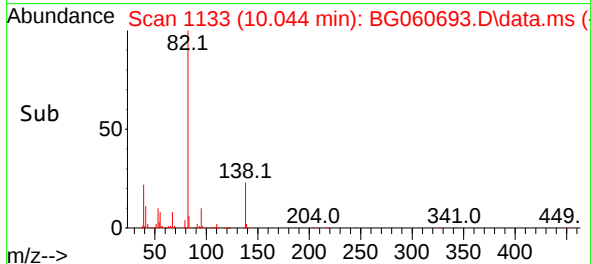
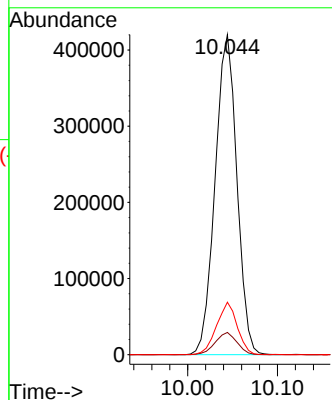
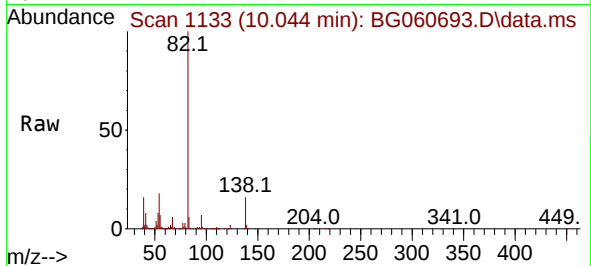




#25
Isophorone
Concen: 46.084 ng
RT: 10.044 min Scan# 1133
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

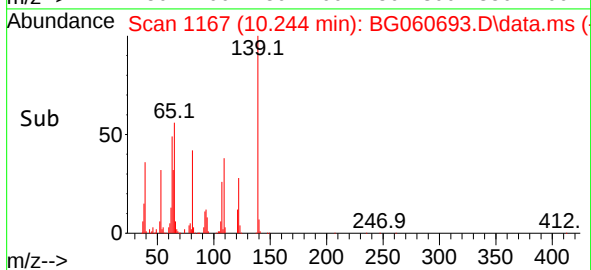
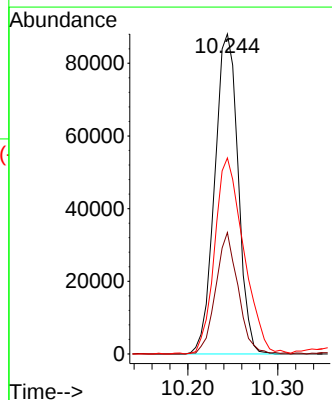
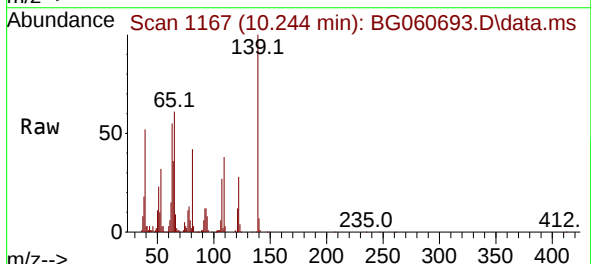
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

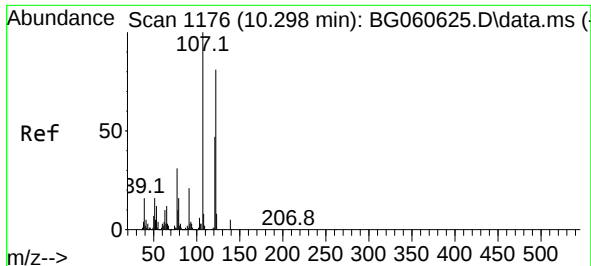
Tgt Ion: 82 Resp: 707323
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 16.4 13.0 19.6



#26
2-Nitrophenol
Concen: 51.075 ng
RT: 10.244 min Scan# 1167
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:139 Resp: 159086
Ion Ratio Lower Upper
139 100
109 38.0 29.5 44.3
65 61.2 55.0 82.4





#27

2,4-Dimethylphenol

Concen: 38.128 ng

RT: 10.267 min Scan# 1171

Delta R.T. 0.005 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMSD

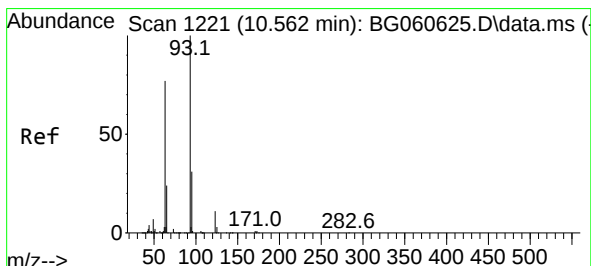
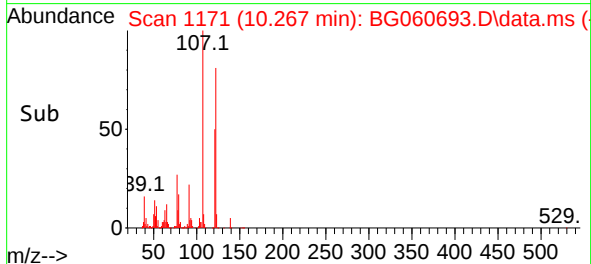
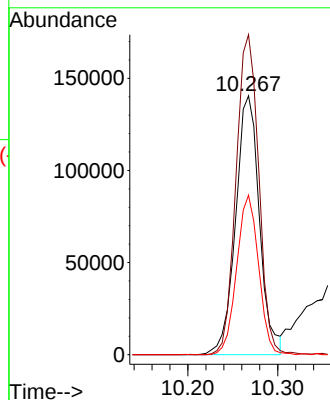
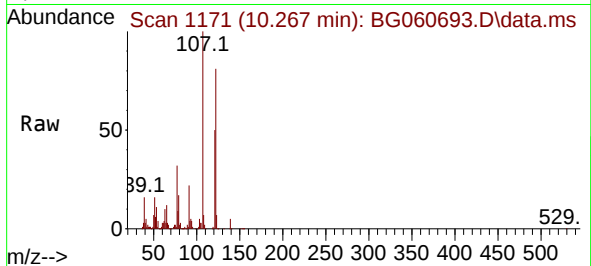
Tgt Ion:122 Resp: 259017

Ion Ratio Lower Upper

122 100

107 123.6 99.3 148.9

121 61.7 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 40.548 ng

RT: 10.526 min Scan# 1215

Delta R.T. -0.001 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

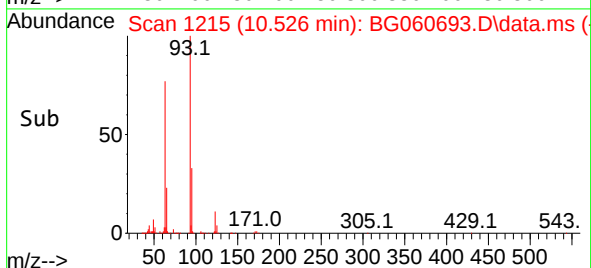
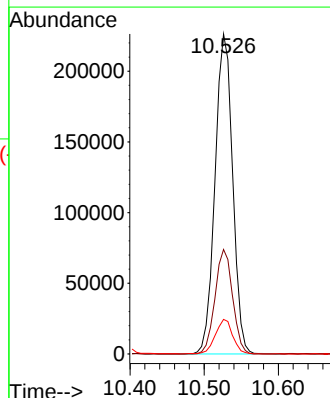
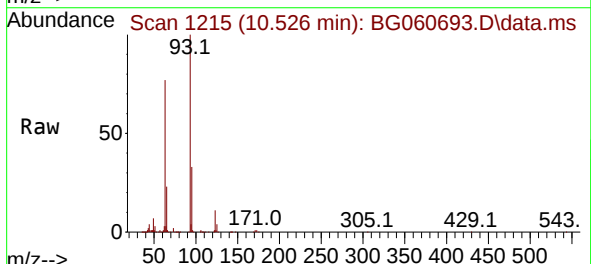
Tgt Ion: 93 Resp: 373096

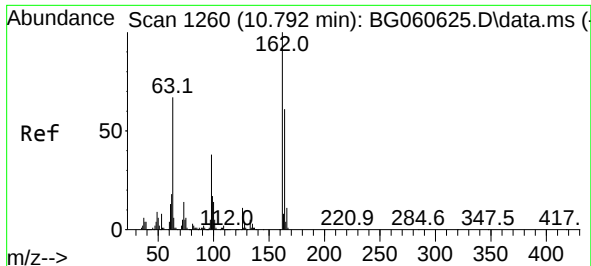
Ion Ratio Lower Upper

93 100

95 32.7 25.1 37.7

123 10.8 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 47.250 ng

RT: 10.761 min Scan# 1255

Delta R.T. -0.001 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMSD

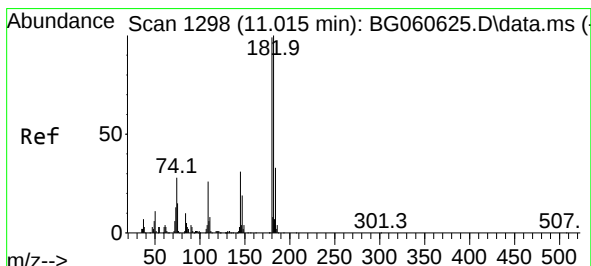
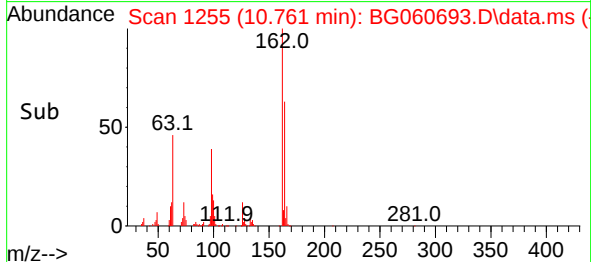
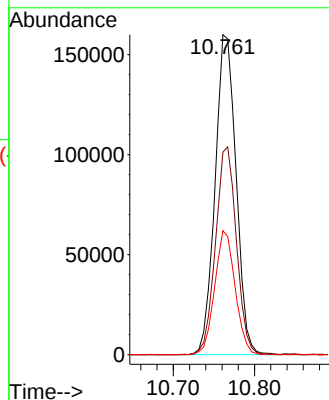
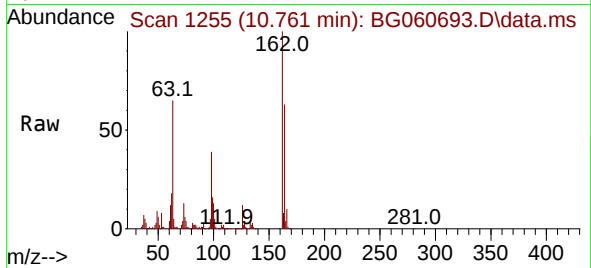
Tgt Ion:162 Resp: 288081

Ion Ratio Lower Upper

162 100

164 63.3 41.0 81.0

98 38.8 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 43.142 ng

RT: 10.984 min Scan# 1293

Delta R.T. -0.001 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

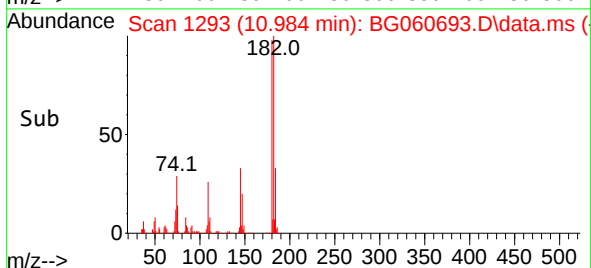
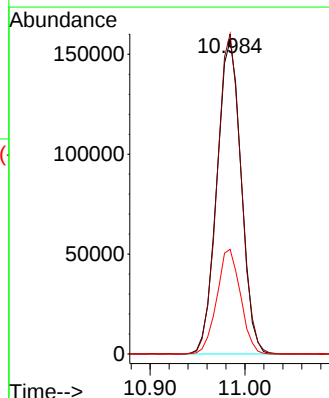
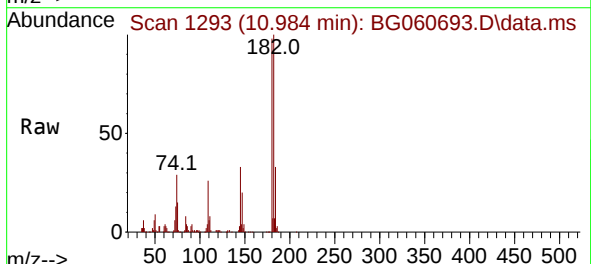
Tgt Ion:180 Resp: 279289

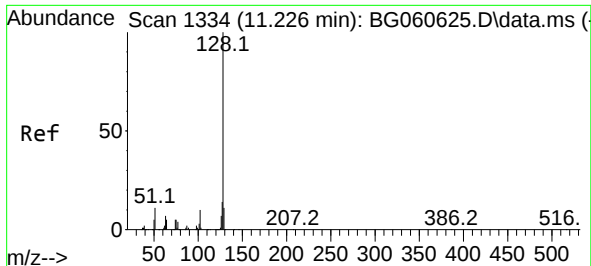
Ion Ratio Lower Upper

180 100

182 102.0 80.7 121.1

145 33.4 25.4 38.2

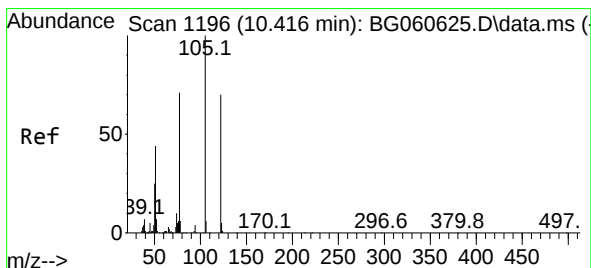
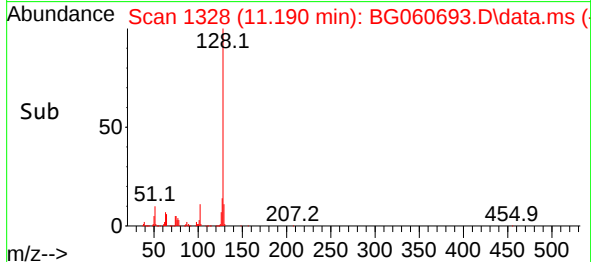
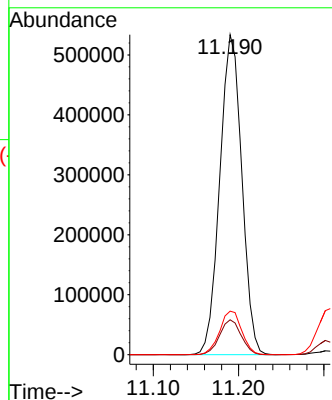
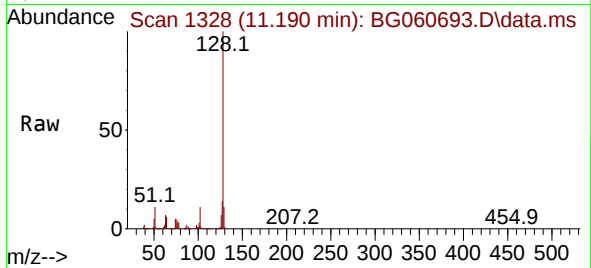




#31
Naphthalene
Concen: 42.913 ng
RT: 11.190 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

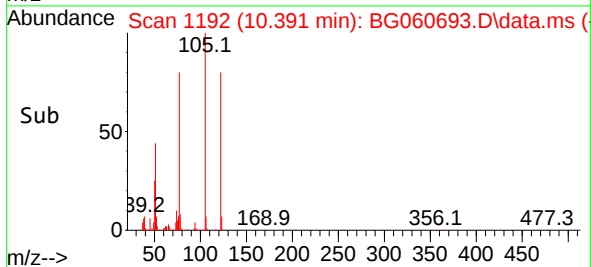
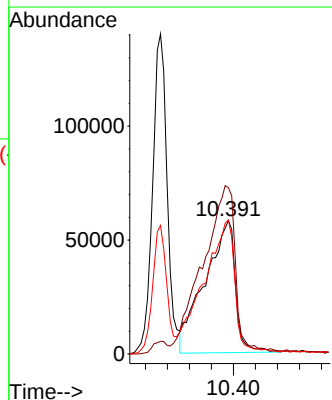
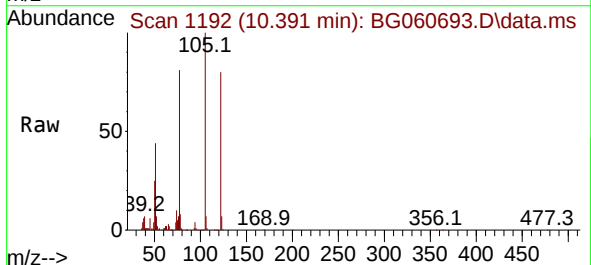
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

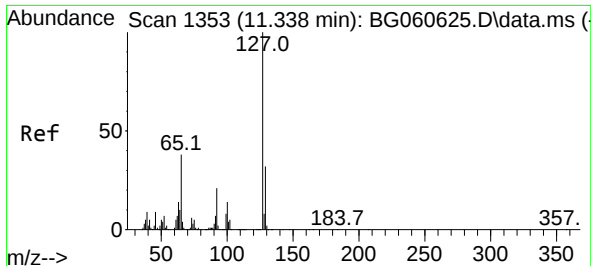
Tgt Ion:128 Resp: 956623
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.6 11.0 16.4



#32
Benzoic acid
Concen: 49.779 ng
RT: 10.391 min Scan# 1192
Delta R.T. 0.023 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:122 Resp: 223366
Ion Ratio Lower Upper
122 100
105 124.6 115.0 155.0
77 100.5 79.0 119.0

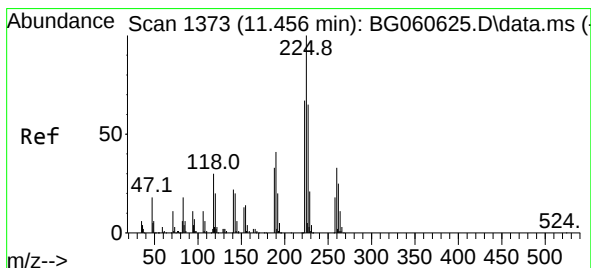
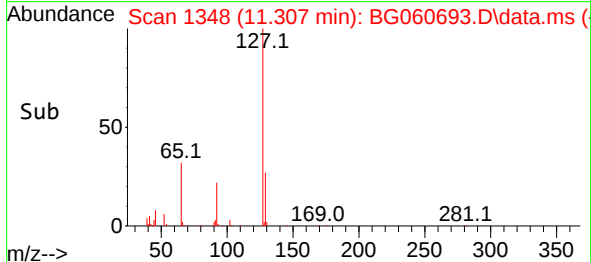
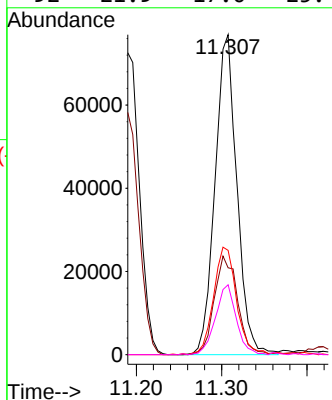
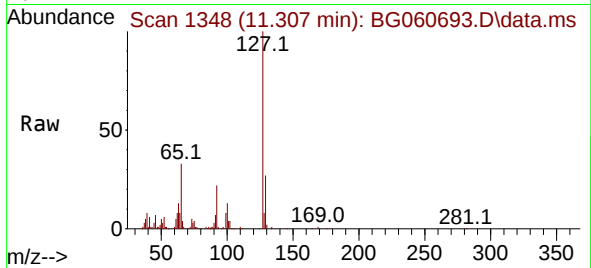




#33
4-Chloroaniline
Concen: 14.584 ng
RT: 11.307 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

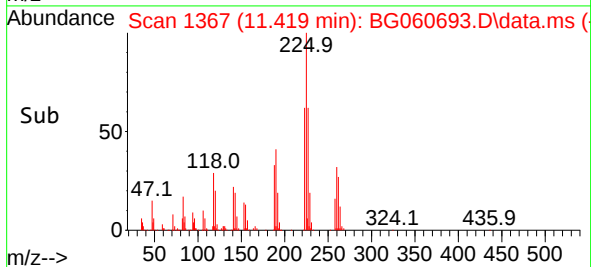
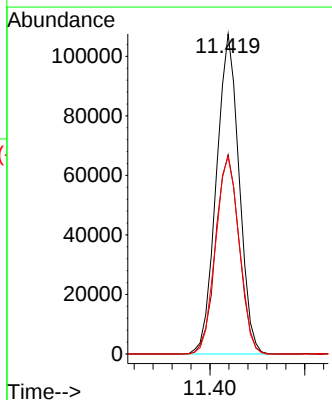
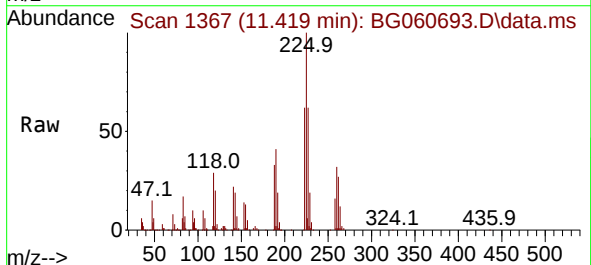
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

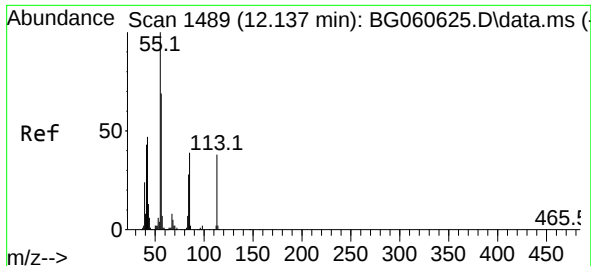
Tgt Ion:	127	Resp:	137095
Ion	Ratio	Lower	Upper
127	100		
129	27.1	25.6	38.4
65	32.6	30.2	45.4
92	21.9	17.0	25.4



#34
Hexachlorobutadiene
Concen: 40.610 ng
RT: 11.419 min Scan# 1367
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:	225	Resp:	179320
Ion	Ratio	Lower	Upper
225	100		
223	62.3	53.5	80.3
227	61.6	52.0	78.0

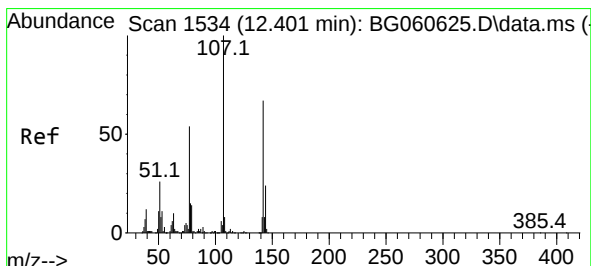
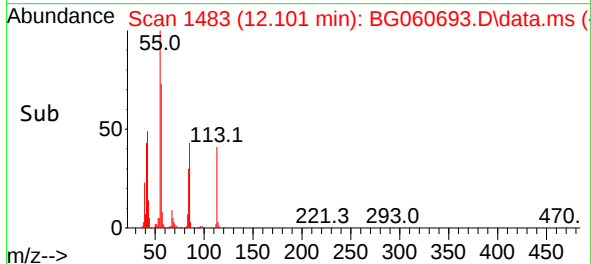
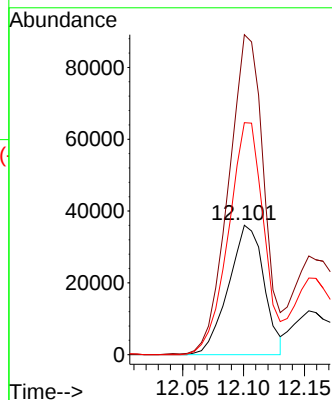
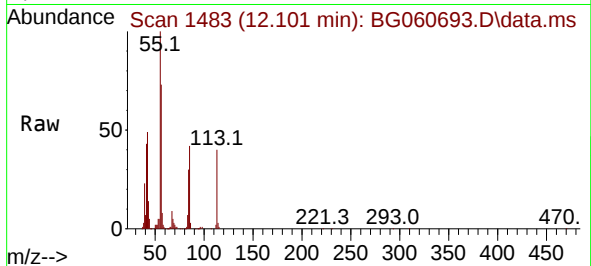




#35
Caprolactam
Concen: 35.594 ng
RT: 12.101 min Scan# 1489
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

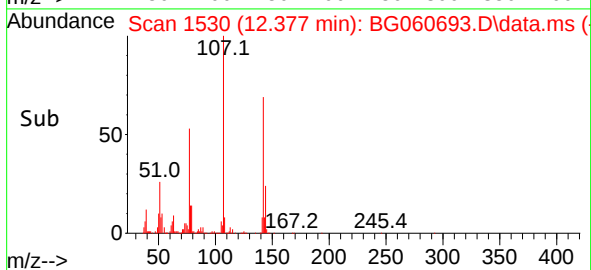
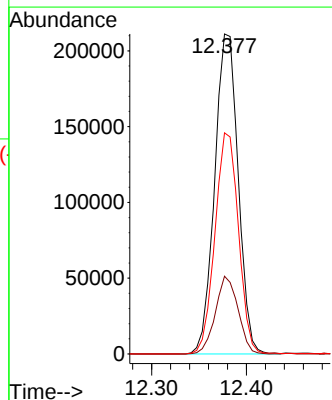
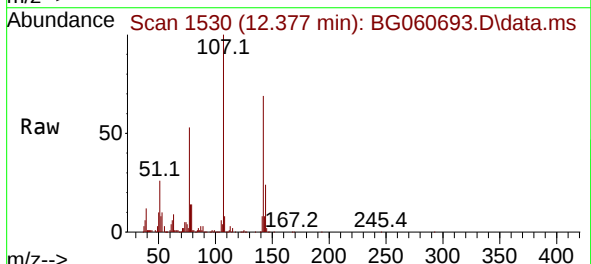
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

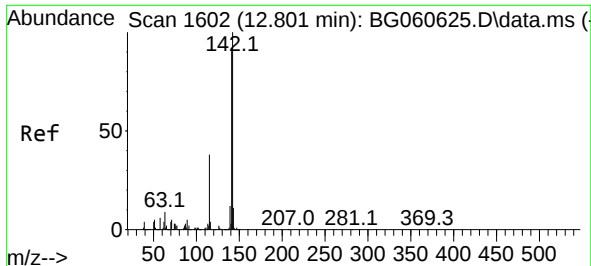
Tgt Ion	Ratio	Lower	Upper
113	100		
55	247.2	242.3	282.3
56	179.3	162.1	202.1



#36
4-Chloro-3-methylphenol
Concen: 48.776 ng
RT: 12.377 min Scan# 1530
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.0	28.6
142	69.1	53.7	80.5





#37

2-Methylnaphthalene

Concen: 42.066 ng

RT: 12.770 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMSD

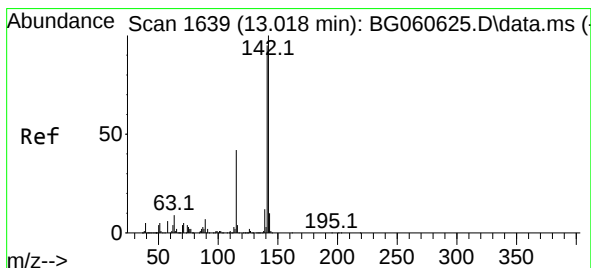
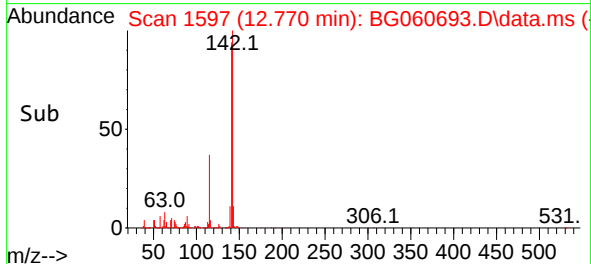
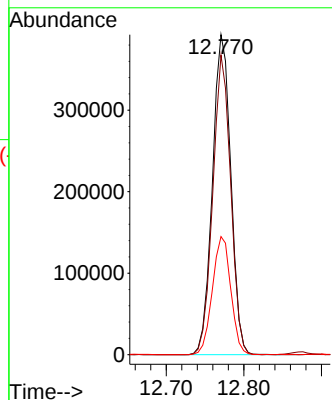
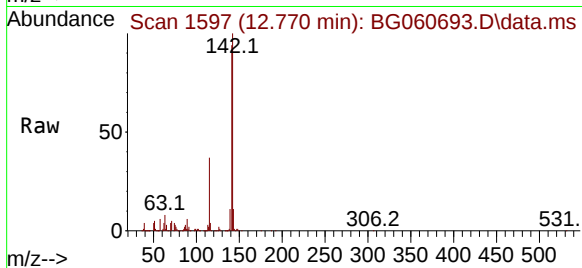
Tgt Ion:142 Resp: 647674

Ion Ratio Lower Upper

142 100

141 93.6 72.7 109.1

115 36.9 30.2 45.2



#38

1-Methylnaphthalene

Concen: 42.626 ng

RT: 12.988 min Scan# 1634

Delta R.T. -0.001 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

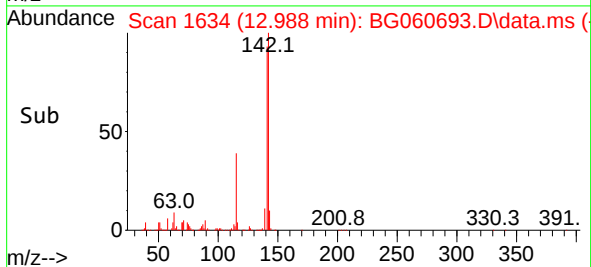
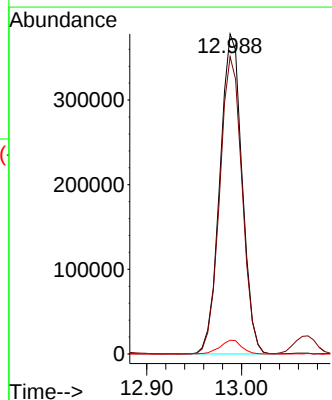
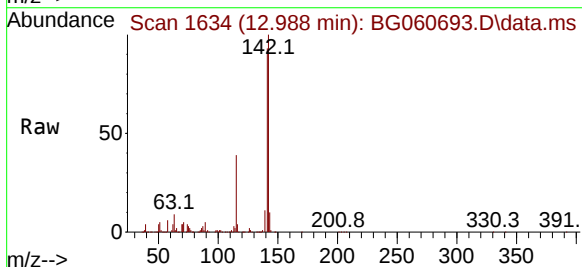
Tgt Ion:142 Resp: 616002

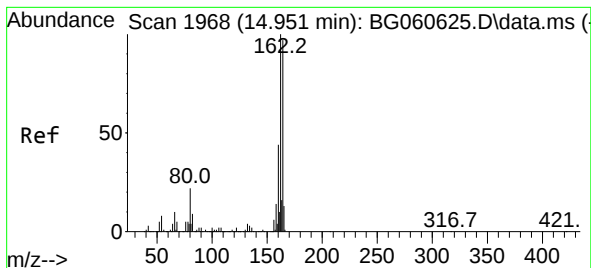
Ion Ratio Lower Upper

142 100

141 92.9 76.3 114.5

116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.927 min Scan# 1964

Delta R.T. -0.001 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMSD

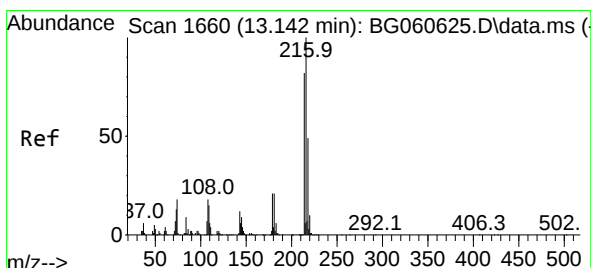
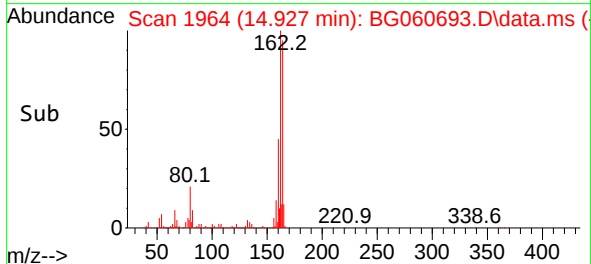
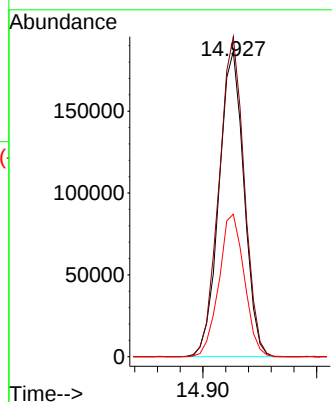
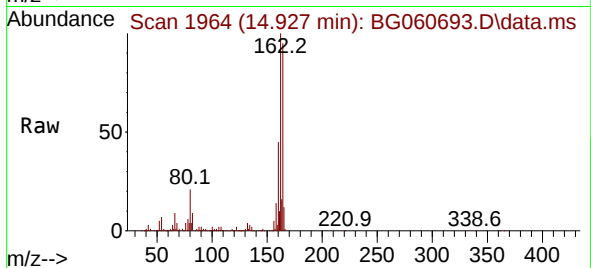
Tgt Ion:164 Resp: 284846

Ion Ratio Lower Upper

164 100

162 104.8 82.5 123.7

160 46.7 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.266 ng

RT: 13.117 min Scan# 1656

Delta R.T. 0.005 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Tgt Ion:216 Resp: 360977

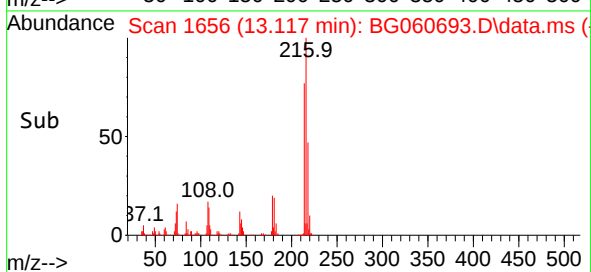
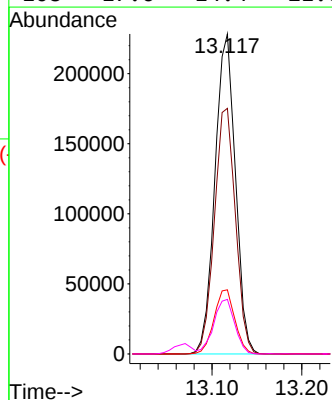
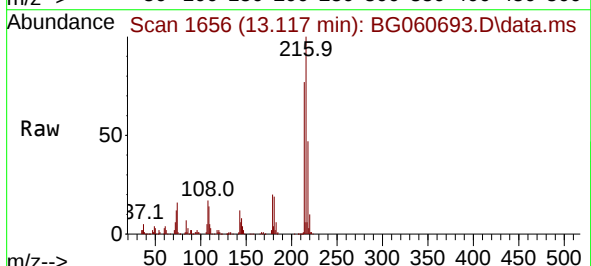
Ion Ratio Lower Upper

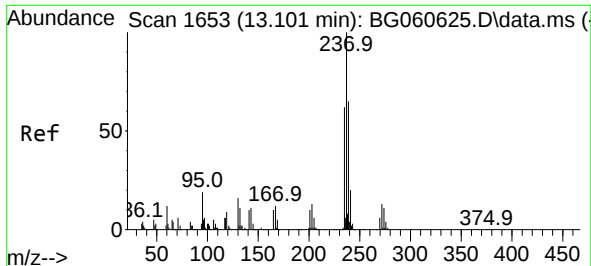
216 100

214 79.0 63.5 95.3

179 20.4 16.4 24.6

108 17.6 14.4 21.6

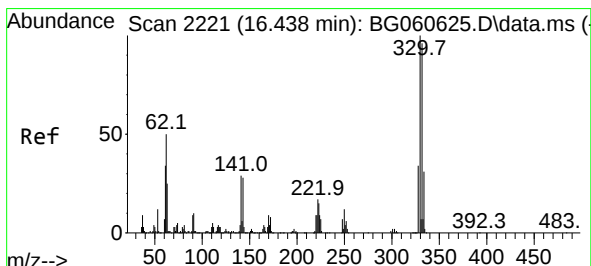
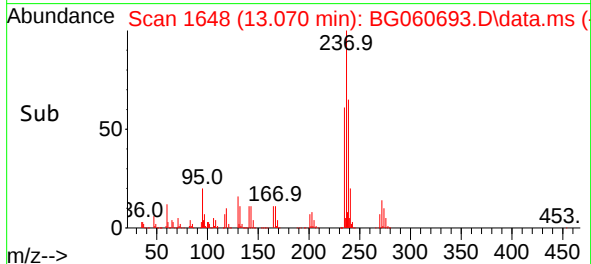
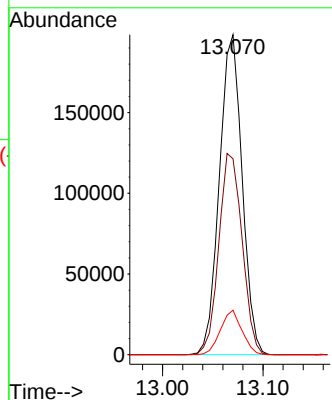
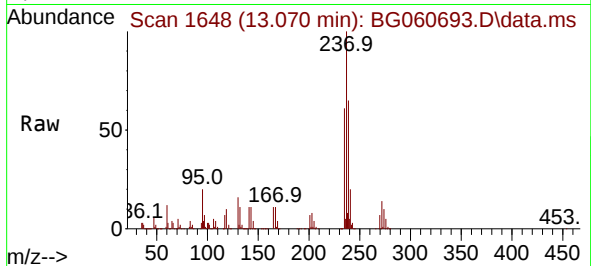




#41
Hexachlorocyclopentadiene
Concen: 72.438 ng
RT: 13.070 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

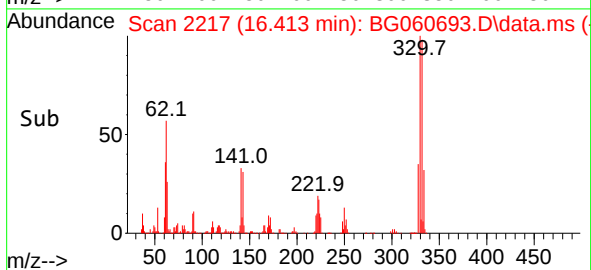
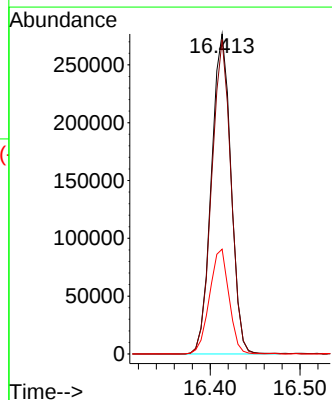
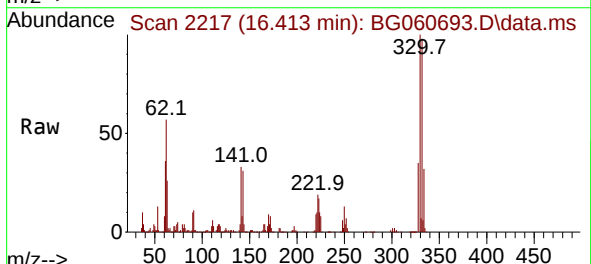
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

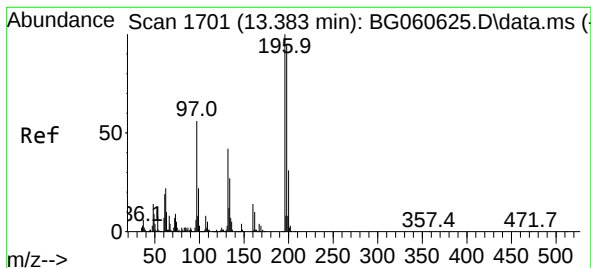
Tgt Ion:237 Resp: 311607
Ion Ratio Lower Upper
237 100
235 61.2 41.6 81.6
272 13.9 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 126.589 ng
RT: 16.413 min Scan# 2217
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:330 Resp: 417842
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 32.8 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 46.563 ng

RT: 13.358 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMSD

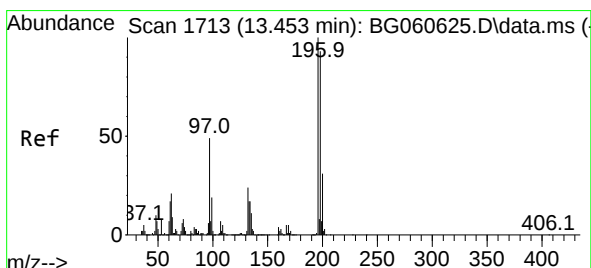
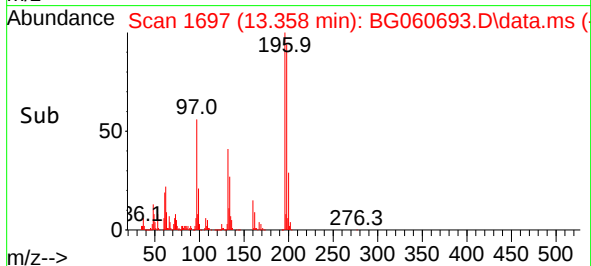
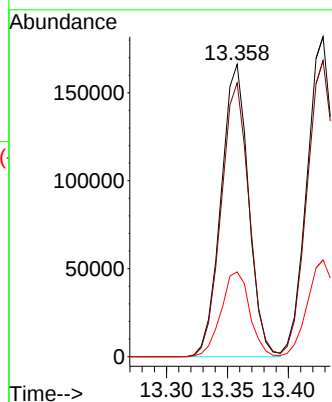
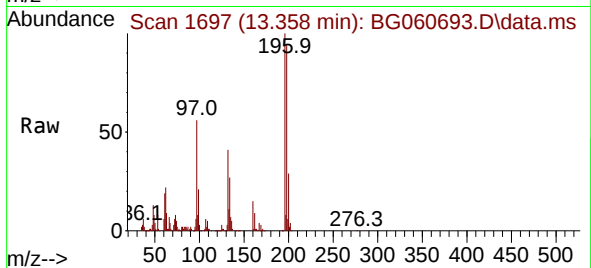
Tgt Ion:196 Resp: 261541

Ion Ratio Lower Upper

196 100

198 93.6 76.2 114.2

200 29.0 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 43.209 ng

RT: 13.428 min Scan# 1709

Delta R.T. 0.005 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Tgt Ion:196 Resp: 287107

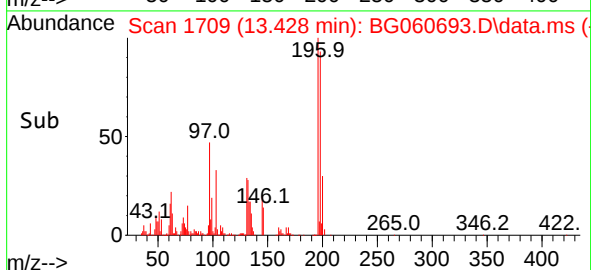
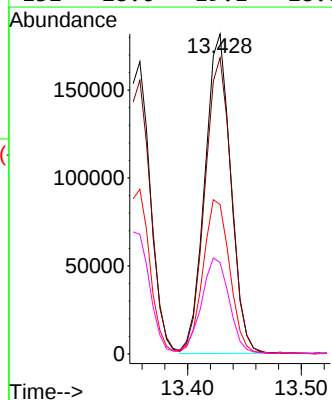
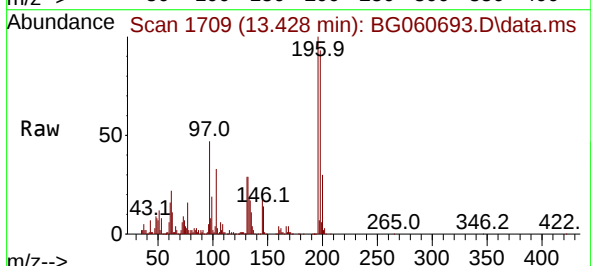
Ion Ratio Lower Upper

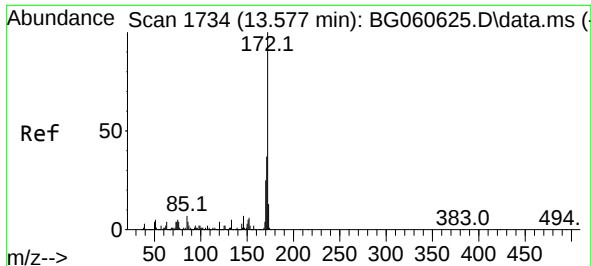
196 100

198 92.5 74.6 112.0

97 46.7 39.3 58.9

132 28.6 19.1 28.7

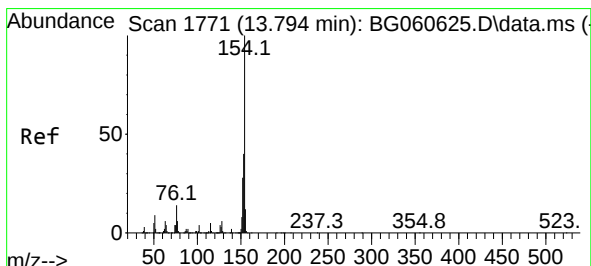
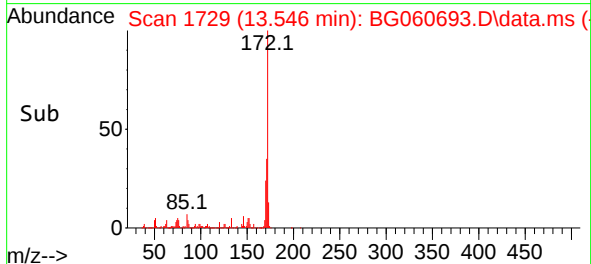
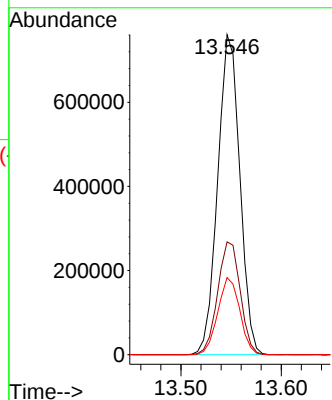
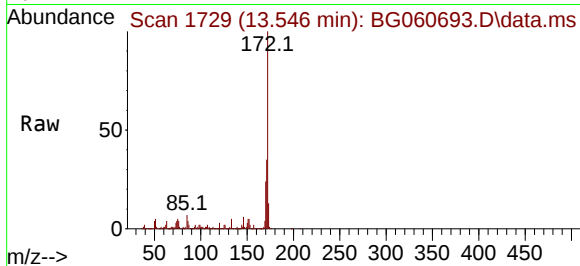




#45
2-Fluorobiphenyl
Concen: 55.211 ng
RT: 13.546 min Scan# 1729
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

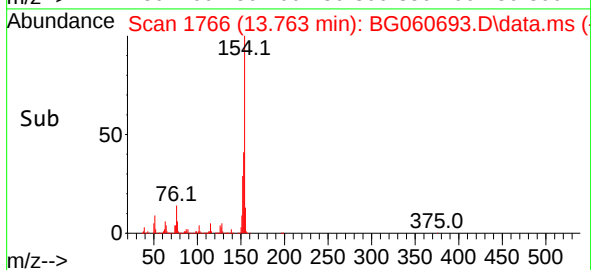
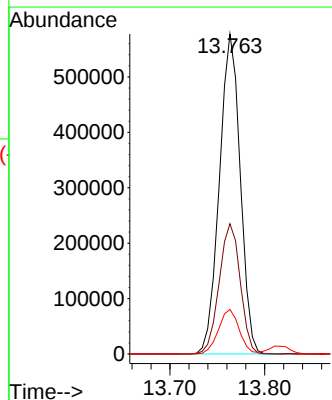
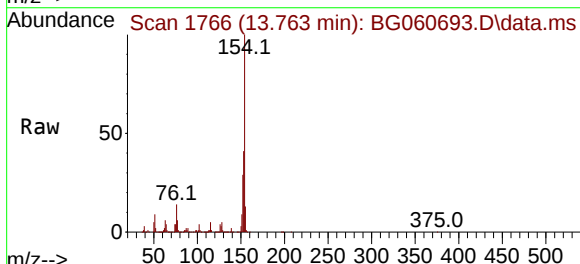
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

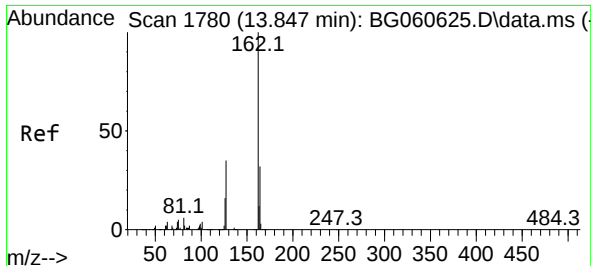
Tgt Ion:172 Resp: 1163173
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 24.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 40.730 ng
RT: 13.763 min Scan# 1766
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:154 Resp: 881876
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 13.9 0.0 34.3

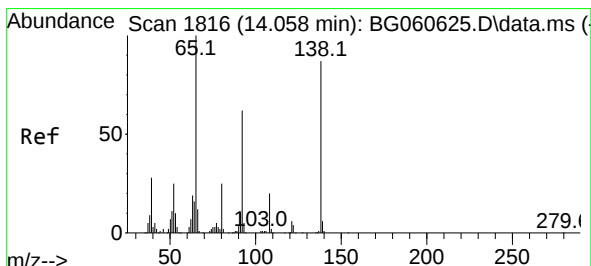
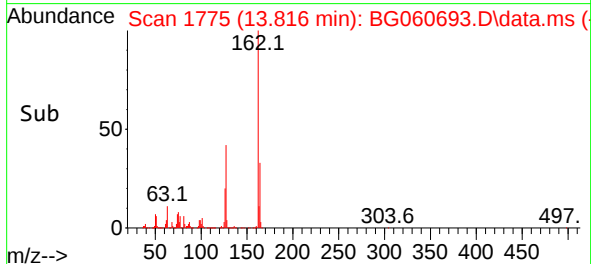
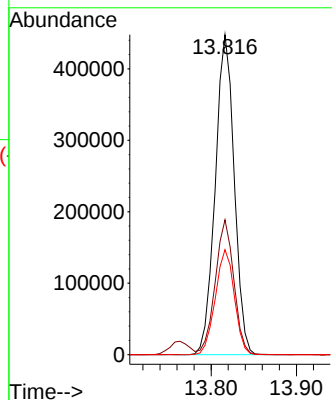
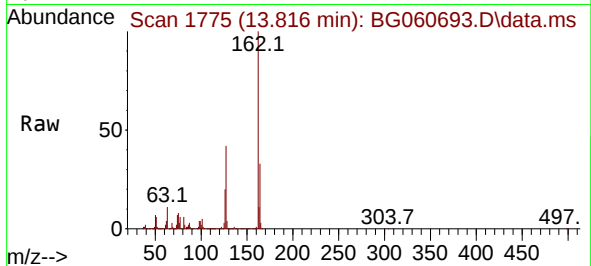




#47
2-Chloronaphthalene
Concen: 42.374 ng
RT: 13.816 min Scan# 1775
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

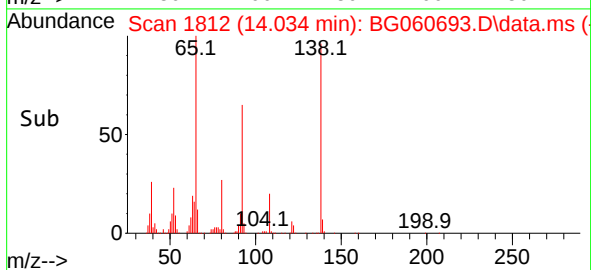
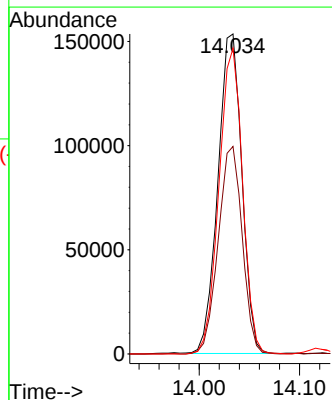
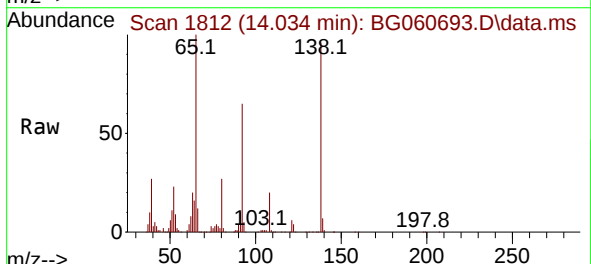
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

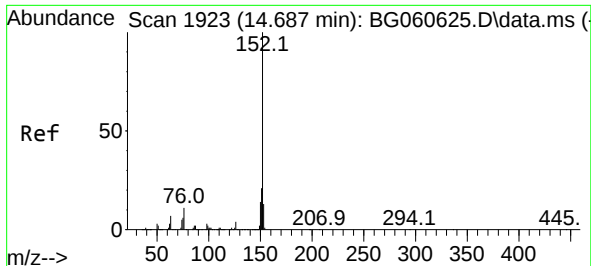
Tgt Ion:162 Resp: 692409
Ion Ratio Lower Upper
162 100
127 42.1 30.8 46.2
164 32.8 25.8 38.6



#48
2-Nitroaniline
Concen: 47.165 ng
RT: 14.034 min Scan# 1812
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion: 65 Resp: 254364
Ion Ratio Lower Upper
65 100
92 64.9 49.8 74.6
138 95.5 69.8 104.8

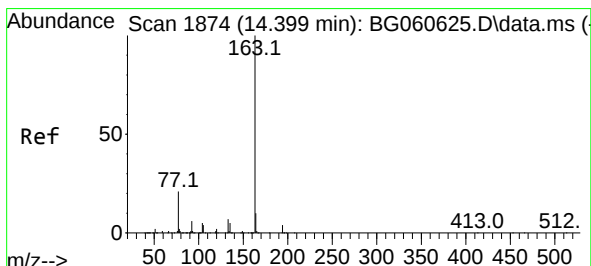
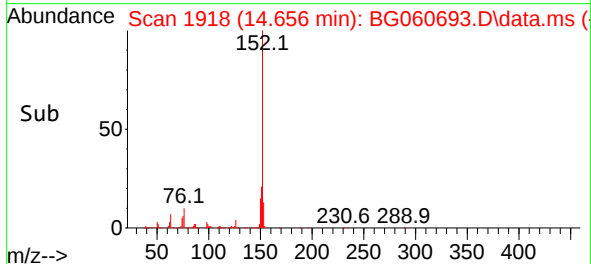
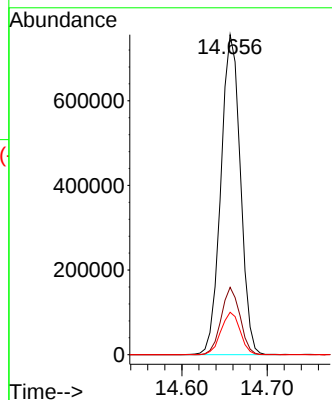
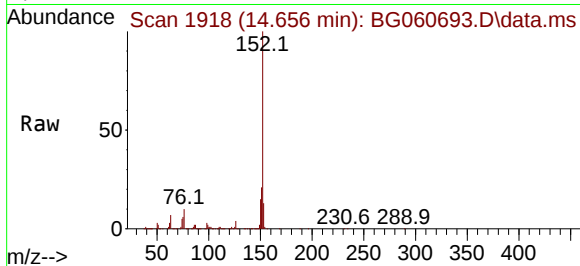




#49
Acenaphthylene
Concen: 45.219 ng
RT: 14.656 min Scan# 1918
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

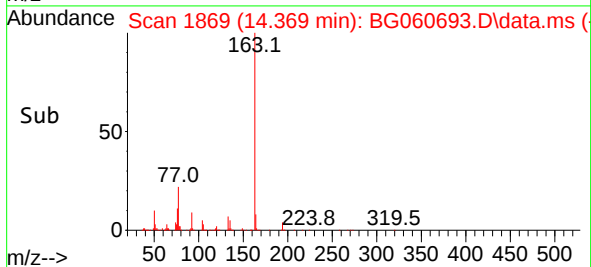
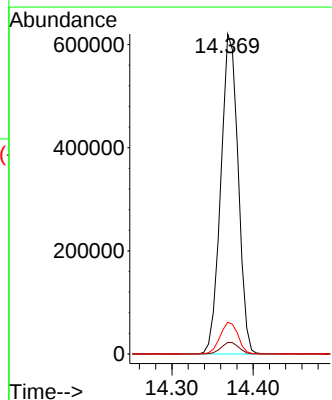
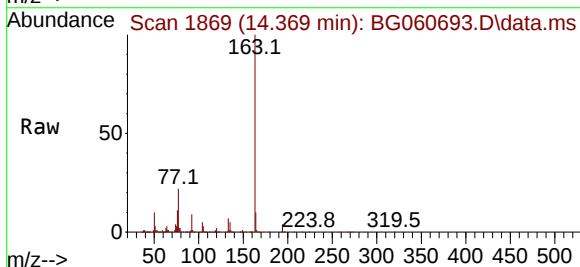
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

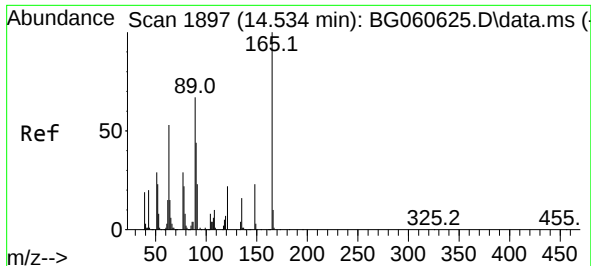
Tgt Ion:152 Resp: 1203705
Ion Ratio Lower Upper
152 100
151 21.1 17.1 25.7
153 13.2 10.3 15.5



#50
Dimethylphthalate
Concen: 43.218 ng
RT: 14.369 min Scan# 1869
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:163 Resp: 923275
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.9 7.6 11.4

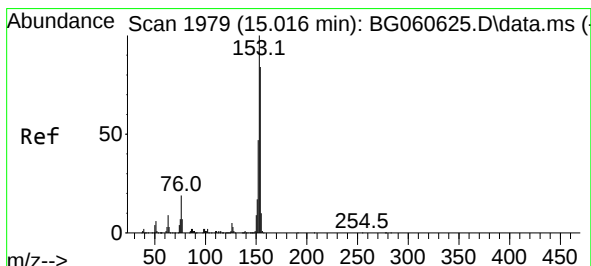
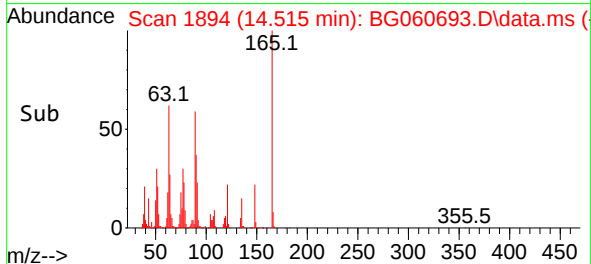
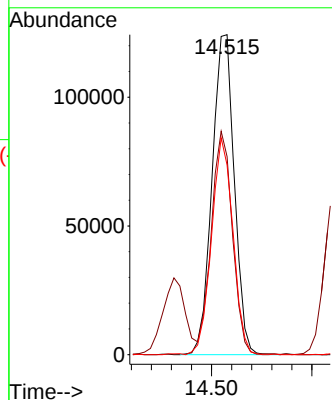
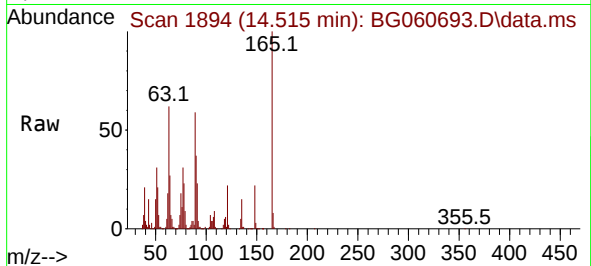




#51
2,6-Dinitrotoluene
Concen: 48.573 ng
RT: 14.515 min Scan# 1894
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

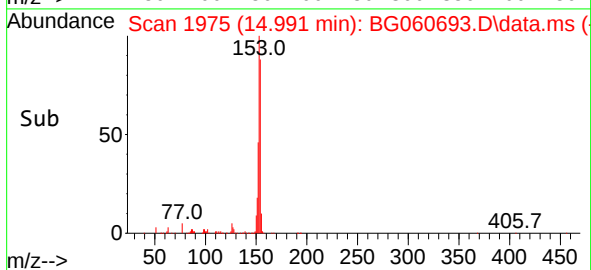
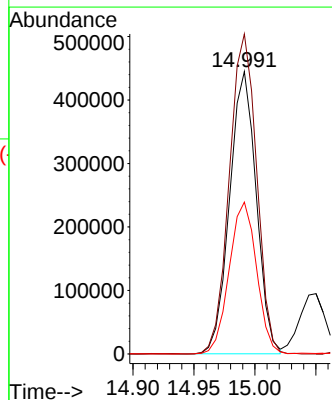
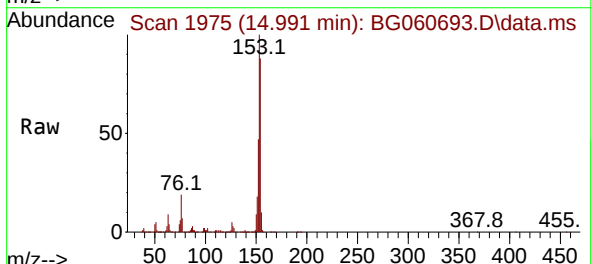
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

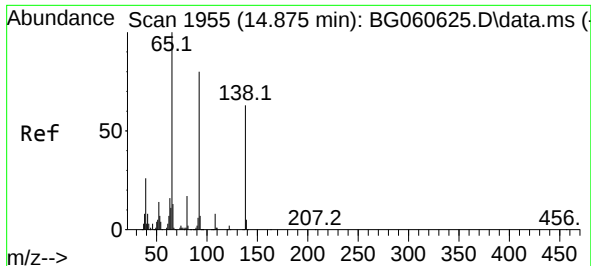
Tgt Ion:165 Resp: 191201
Ion Ratio Lower Upper
165 100
63 61.9 55.8 83.6
89 59.2 54.1 81.1



#52
Acenaphthene
Concen: 42.514 ng
RT: 14.991 min Scan# 1975
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:154 Resp: 676269
Ion Ratio Lower Upper
154 100
153 113.3 94.8 142.2
152 53.8 44.8 67.2

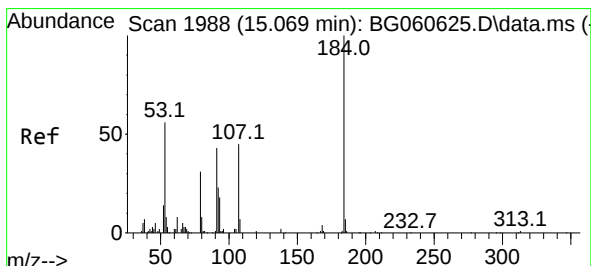
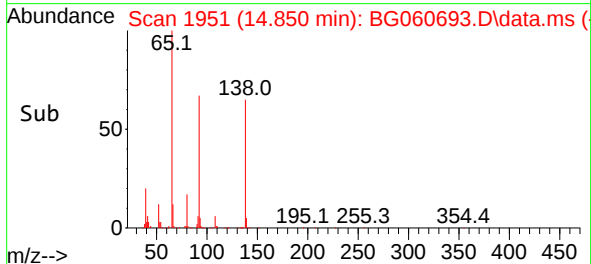
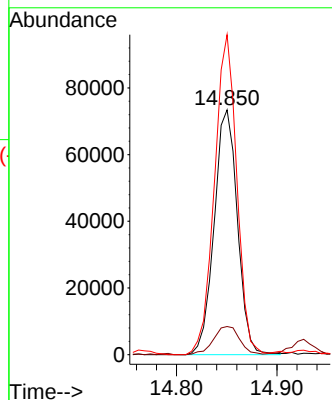
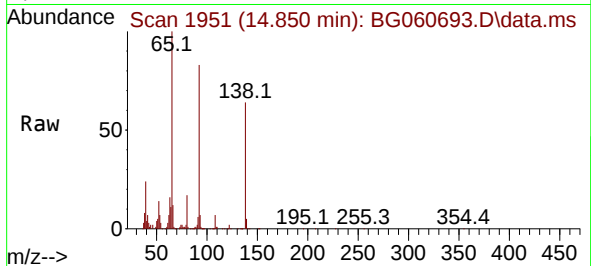




#53
3-Nitroaniline
Concen: 26.091 ng
RT: 14.850 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

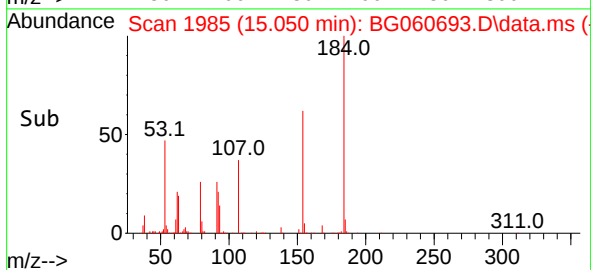
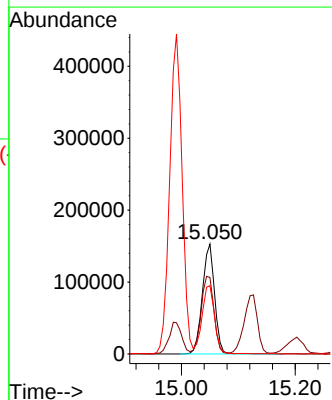
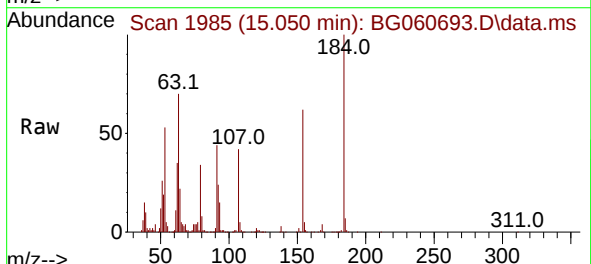
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

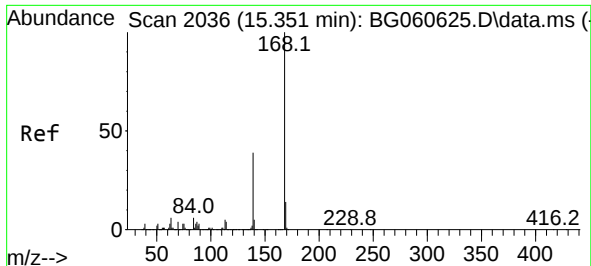
Tgt Ion:138 Resp: 118253
Ion Ratio Lower Upper
138 100
108 11.5 9.8 14.8
92 130.7 101.0 151.6



#54
2,4-Dinitrophenol
Concen: 110.240 ng
RT: 15.050 min Scan# 1985
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:184 Resp: 227858
Ion Ratio Lower Upper
184 100
63 69.7 54.4 81.6
154 62.2 50.4 75.6

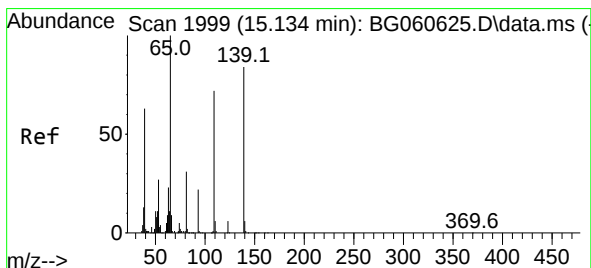
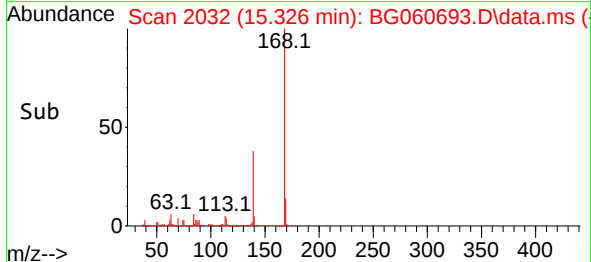
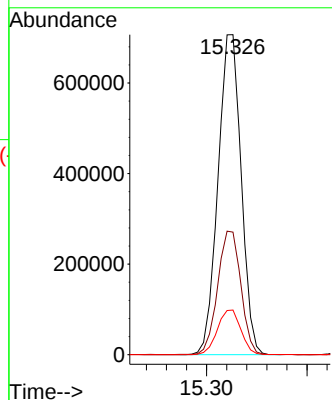
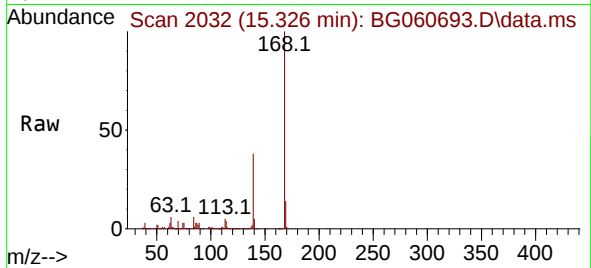




#55
Dibenzofuran
Concen: 43.893 ng
RT: 15.326 min Scan# 2032
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

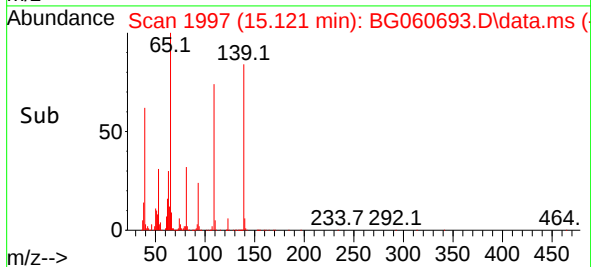
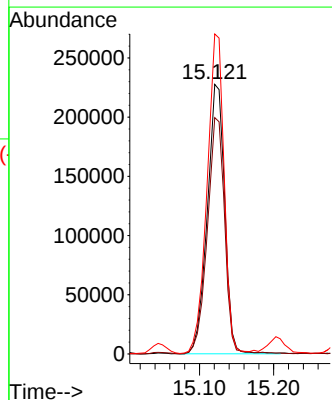
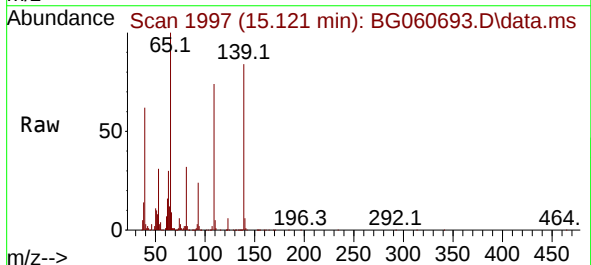
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

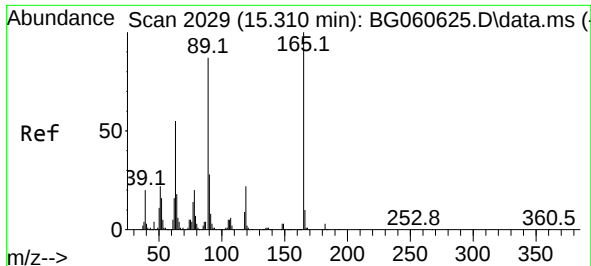
Tgt Ion:168 Resp: 1130482
Ion Ratio Lower Upper
168 100
139 38.3 30.9 46.3
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 109.747 ng
RT: 15.121 min Scan# 1997
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:139 Resp: 371169
Ion Ratio Lower Upper
139 100
109 87.7 66.1 106.1
65 118.7 99.7 139.7

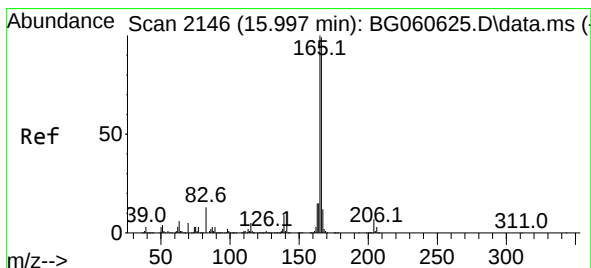
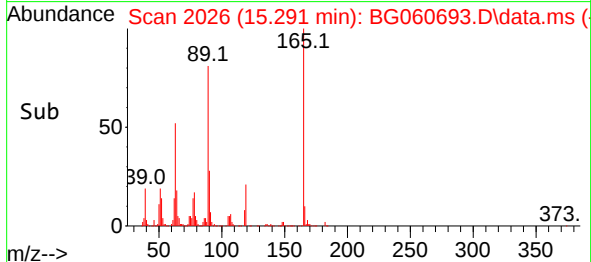
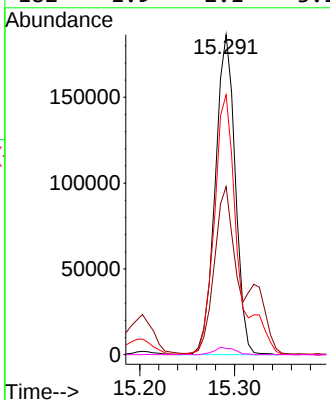
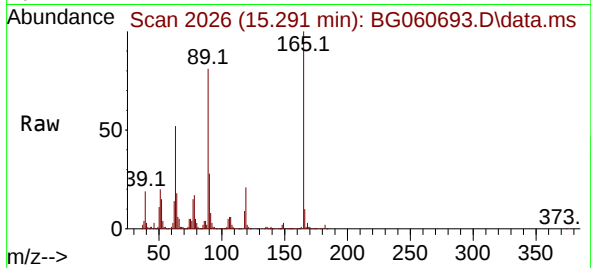




#57
2,4-Dinitrotoluene
Concen: 55.260 ng
RT: 15.291 min Scan# 20
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

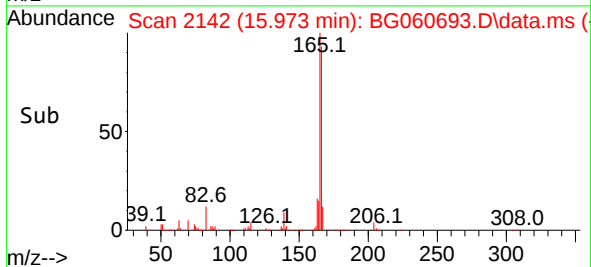
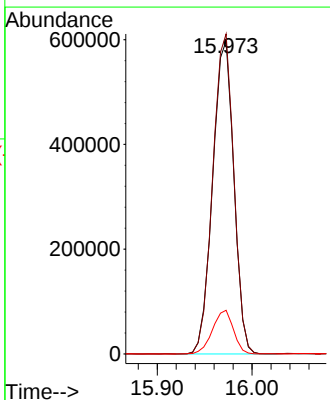
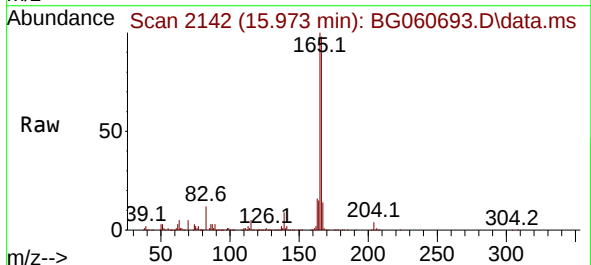
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

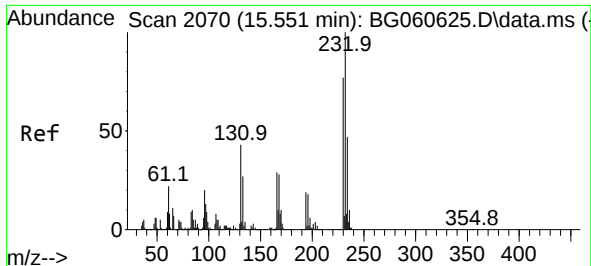
Tgt Ion:165 Resp: 273644
Ion Ratio Lower Upper
165 100
63 52.5 44.1 66.1
89 81.2 69.7 104.5
182 1.9 2.1 3.1#



#58
Fluorene
Concen: 45.049 ng
RT: 15.973 min Scan# 2142
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:166 Resp: 928311
Ion Ratio Lower Upper
166 100
165 102.2 80.5 120.7
167 14.0 9.9 14.9

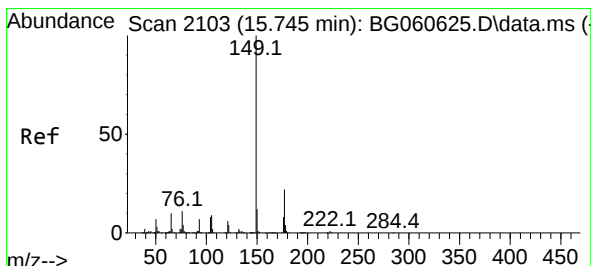
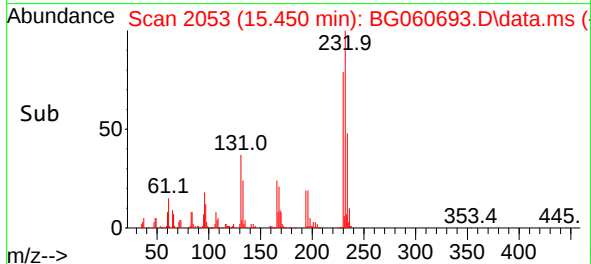
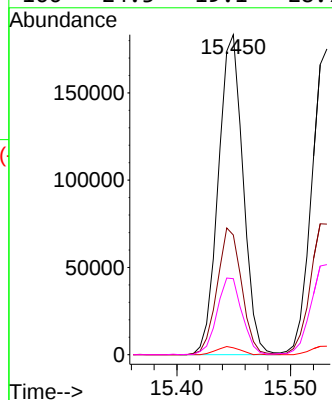
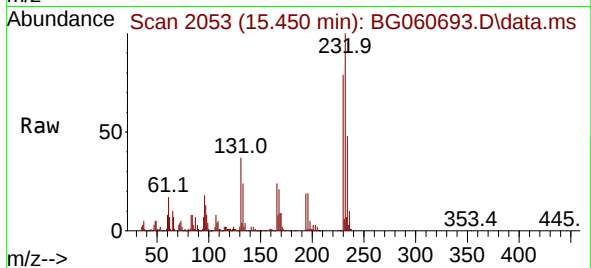




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.020 ng
RT: 15.450 min Scan# 2070
Delta R.T. -0.077 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

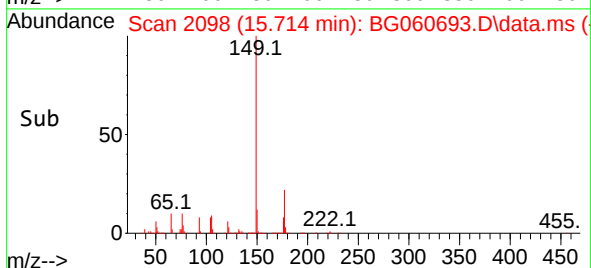
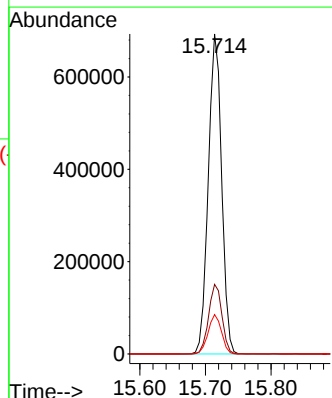
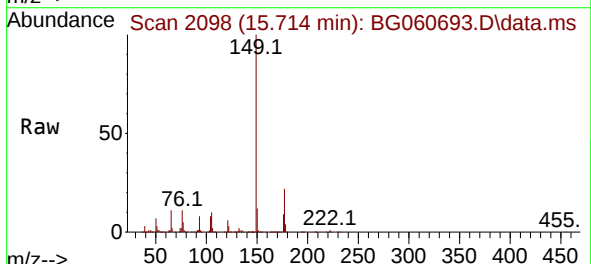
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

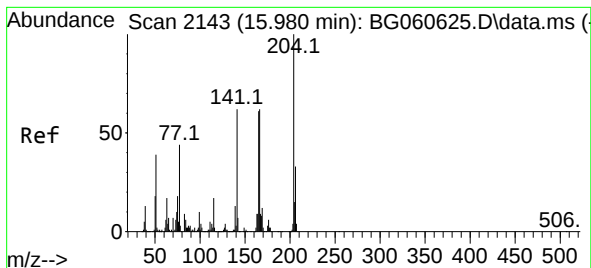
Tgt Ion:232 Resp: 277175
Ion Ratio Lower Upper
232 100
131 39.1 31.2 46.8
130 2.4 2.1 3.1
166 24.3 19.1 28.7



#60
Diethylphthalate
Concen: 44.581 ng
RT: 15.714 min Scan# 2098
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:149 Resp: 979919
Ion Ratio Lower Upper
149 100
177 21.8 17.3 25.9
150 12.3 9.8 14.6

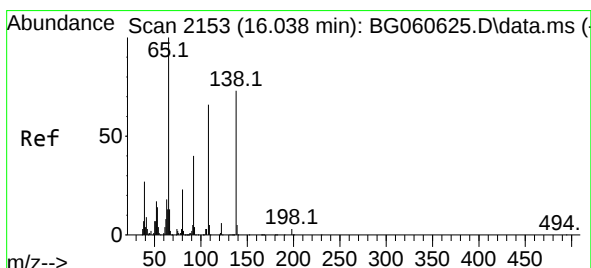
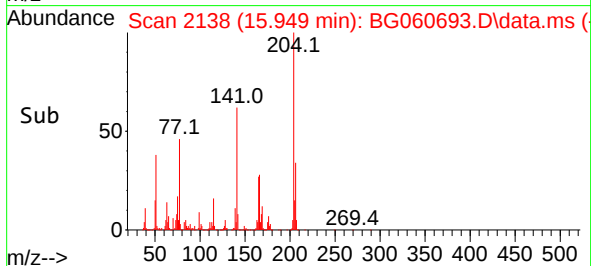
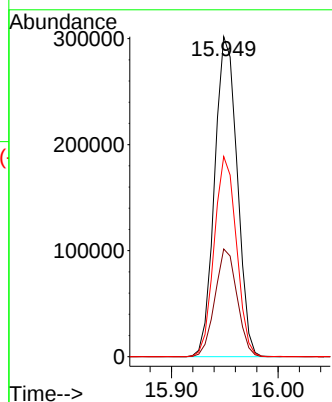
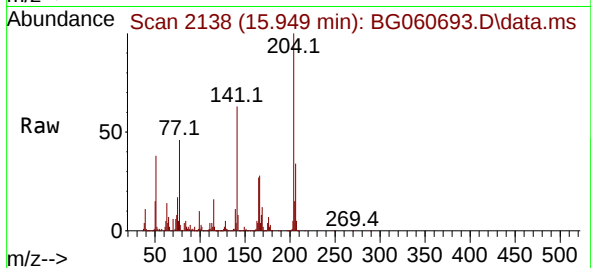




#61
4-Chlorophenyl-phenylether
Concen: 42.431 ng
RT: 15.949 min Scan# 2113
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

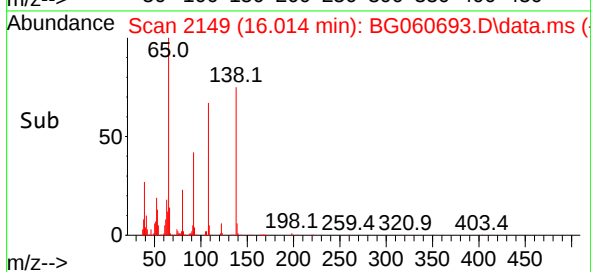
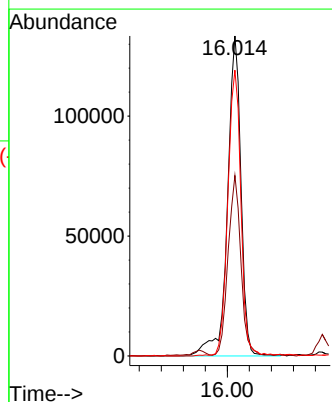
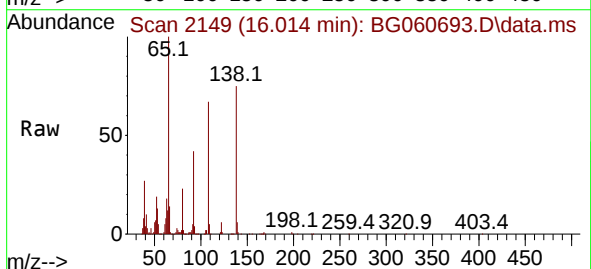
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

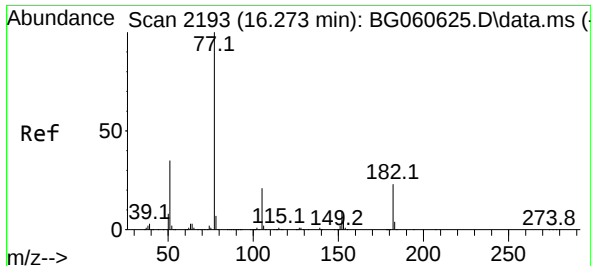
Tgt Ion:204 Resp: 442881
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 62.6 49.4 74.2



#62
4-Nitroaniline
Concen: 49.009 ng
RT: 16.014 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:138 Resp: 227460
Ion Ratio Lower Upper
138 100
92 56.4 35.4 75.4
108 89.3 70.8 110.8



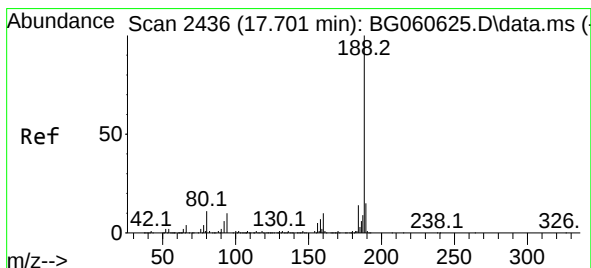
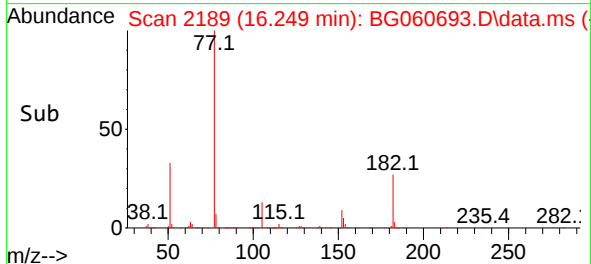
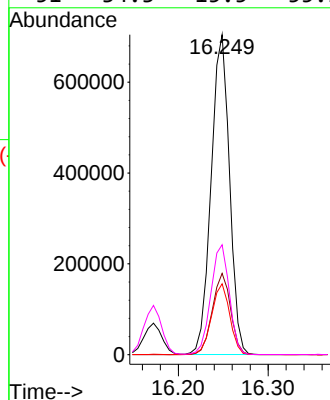
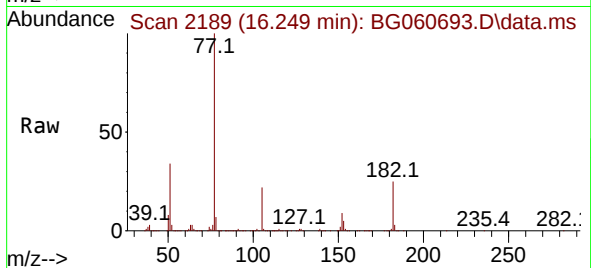


#63
Azobenzene
Concen: 43.960 ng
RT: 16.249 min Scan# 2193
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

Tgt Ion: 77 Resp: 1000005

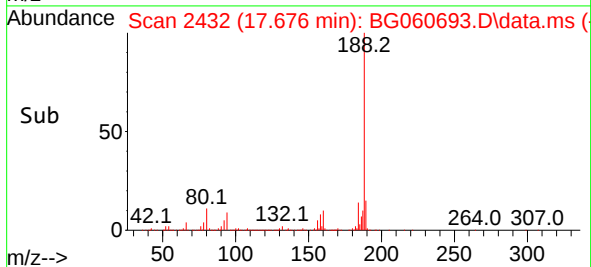
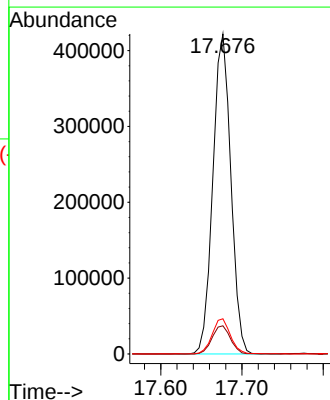
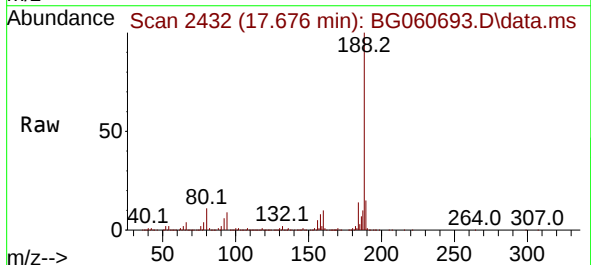
Ion	Ratio	Lower	Upper
77	100		
182	25.4	3.4	43.4
105	22.1	0.5	40.5
51	34.3	15.5	55.5

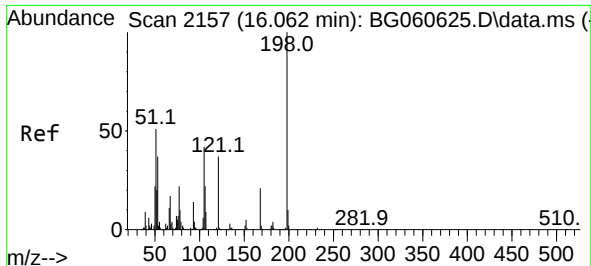


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.676 min Scan# 2432
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion: 188 Resp: 647500

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	11.0	8.6	13.0

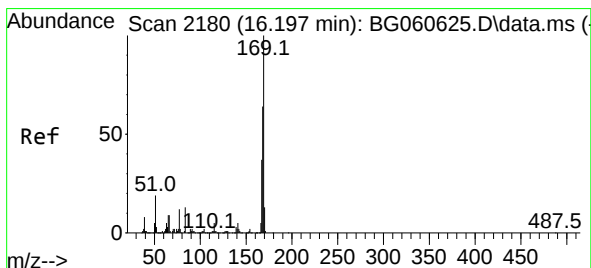
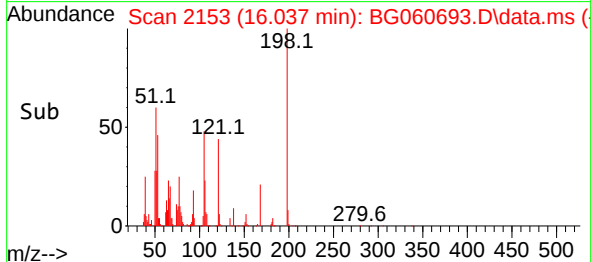
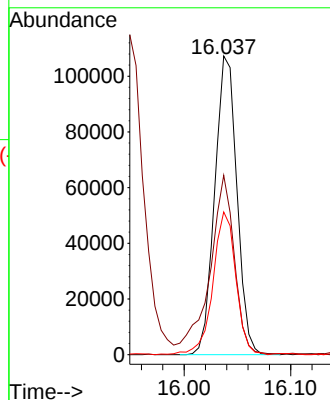
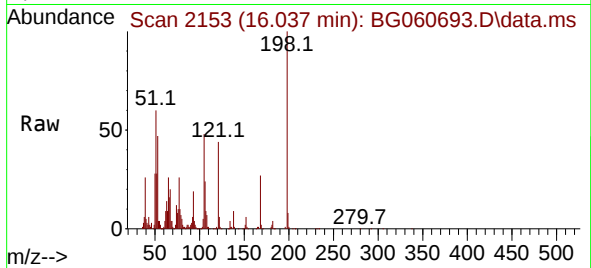




#65
4,6-Dinitro-2-methylphenol
Concen: 52.340 ng
RT: 16.037 min Scan# 2153
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

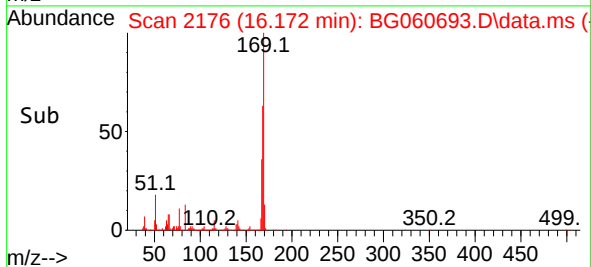
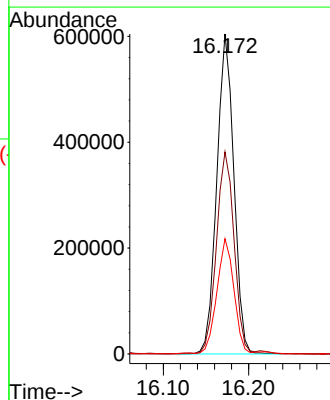
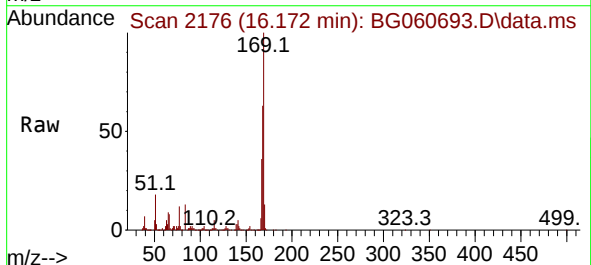
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

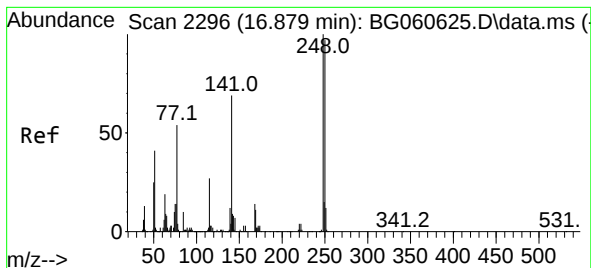
Tgt Ion:198 Resp: 154560
Ion Ratio Lower Upper
198 100
51 60.0 36.9 76.9
105 47.7 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 41.503 ng
RT: 16.172 min Scan# 2176
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:169 Resp: 841033
Ion Ratio Lower Upper
169 100
168 63.1 51.1 76.7
167 36.0 29.4 44.2

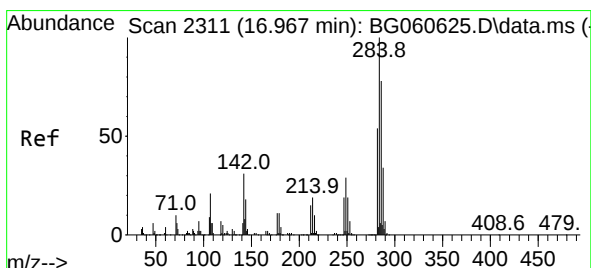
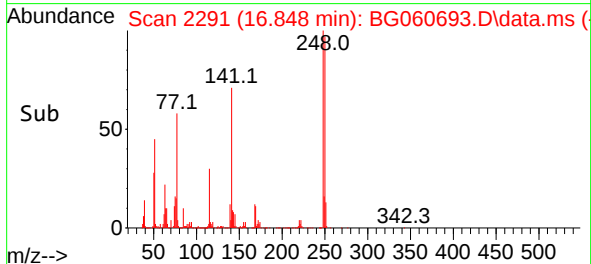
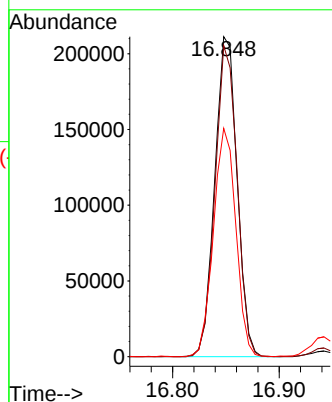
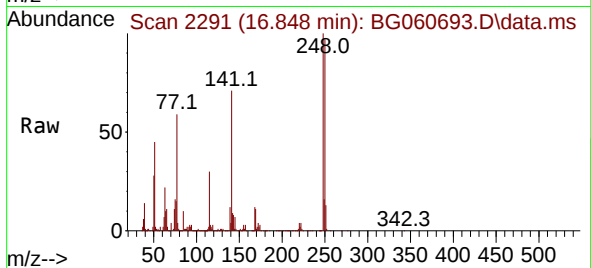




#67
4-Bromophenyl-phenylether
Concen: 43.997 ng
RT: 16.848 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

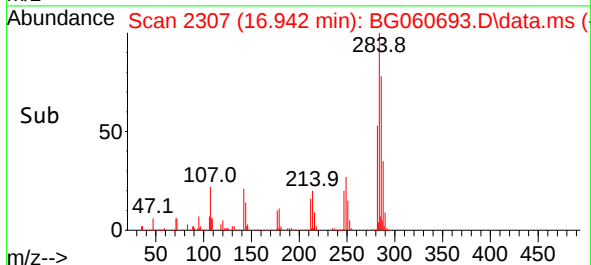
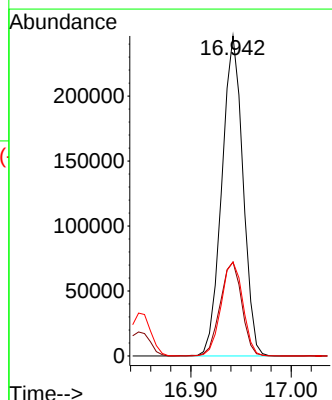
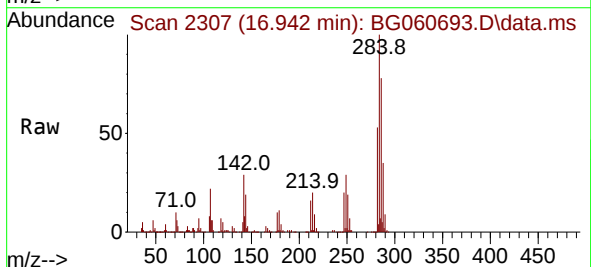
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

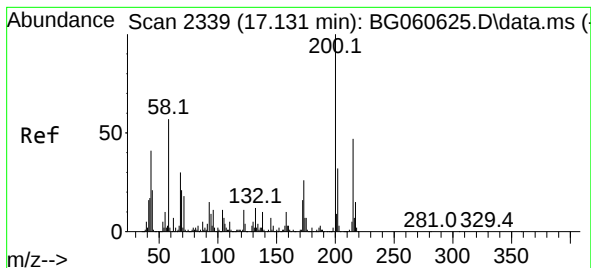
Tgt Ion:248 Resp: 307204
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 71.3 55.1 82.7



#68
Hexachlorobenzene
Concen: 44.601 ng
RT: 16.942 min Scan# 2307
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:284 Resp: 358056
Ion Ratio Lower Upper
284 100
142 29.4 24.6 37.0
249 29.3 23.4 35.0





#69

Atrazine

Concen: 47.032 ng

RT: 17.107 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMSD

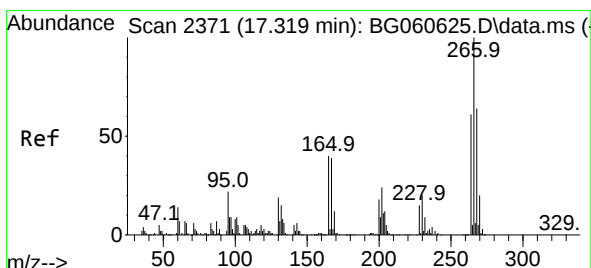
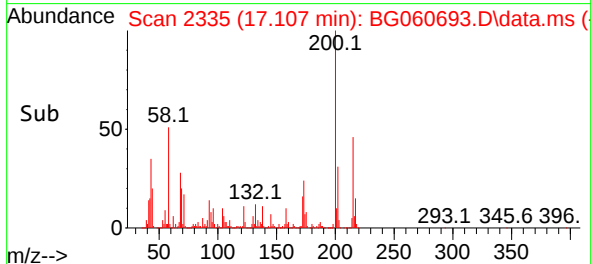
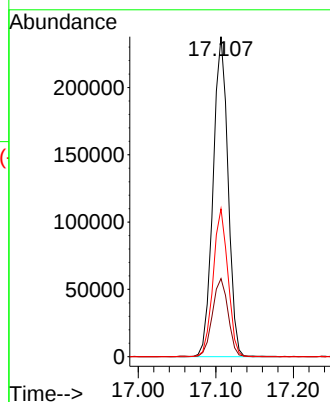
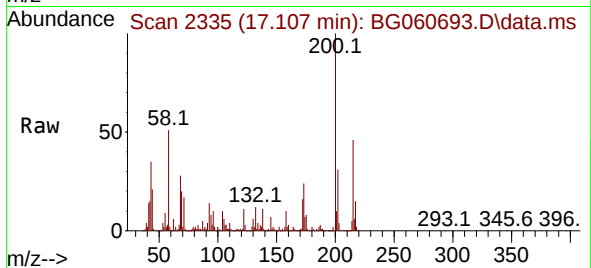
Tgt Ion:200 Resp: 318773

Ion Ratio Lower Upper

200 100

173 24.4 5.7 45.7

215 46.2 27.1 67.1



#70

Pentachlorophenol

Concen: 91.830 ng

RT: 17.295 min Scan# 2367

Delta R.T. -0.001 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

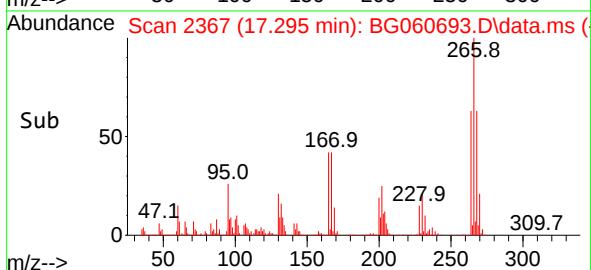
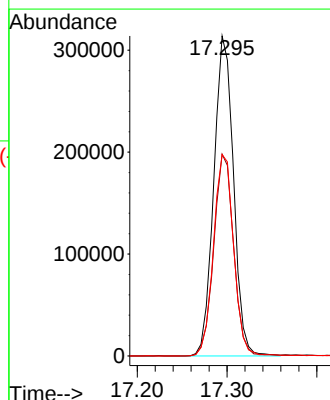
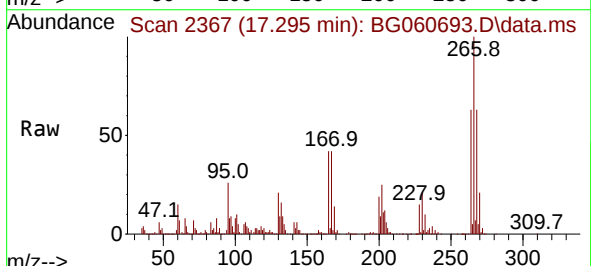
Tgt Ion:266 Resp: 477815

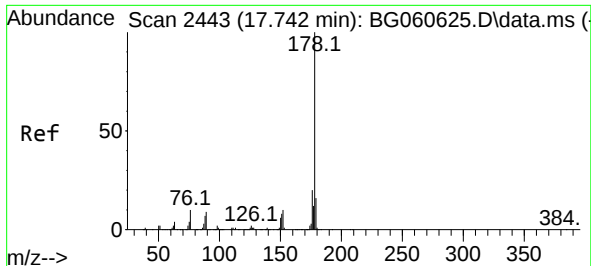
Ion Ratio Lower Upper

266 100

268 63.1 51.5 77.3

264 63.0 48.9 73.3

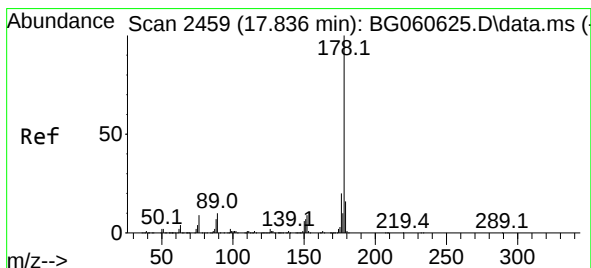
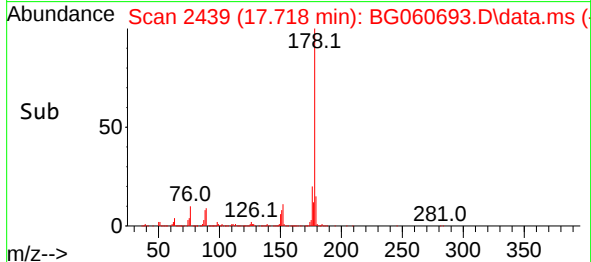
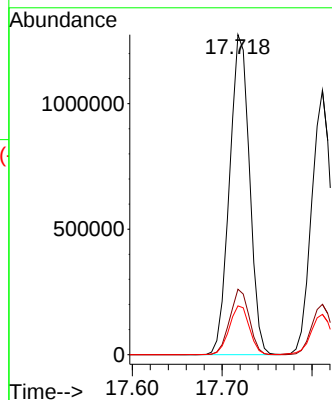
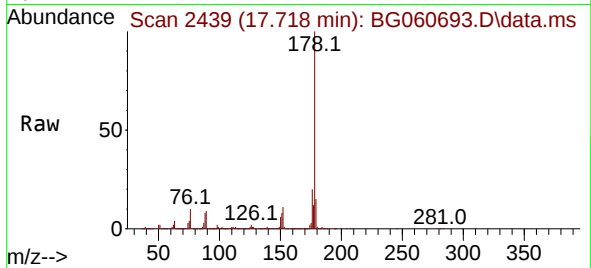




#71
Phenanthrene
Concen: 56.479 ng
RT: 17.718 min Scan# 2443
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

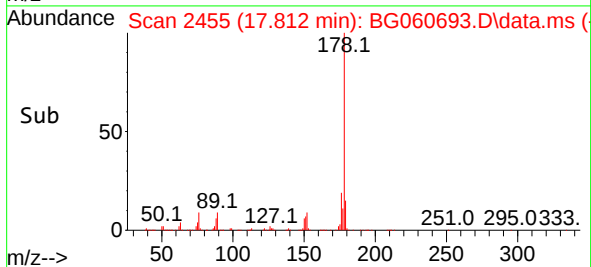
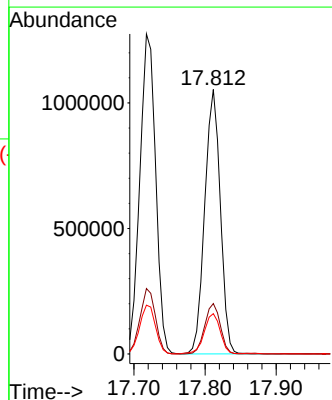
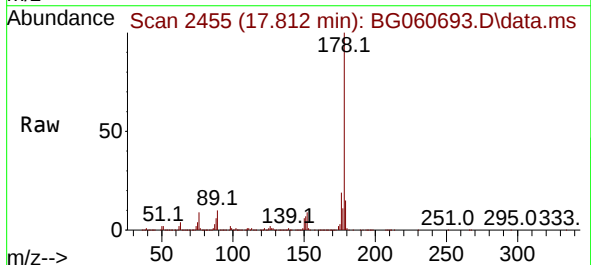
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

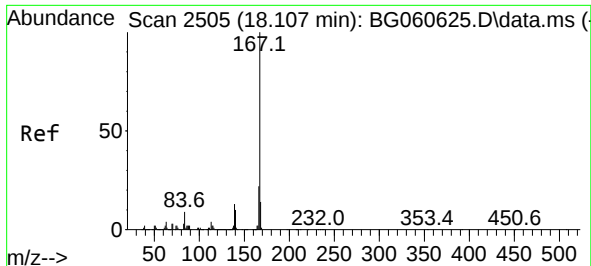
Tgt Ion:178 Resp: 1969951
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 15.2 12.9 19.3



#72
Anthracene
Concen: 45.638 ng
RT: 17.812 min Scan# 2455
Delta R.T. -0.001 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:178 Resp: 1609483
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.2 12.6 19.0

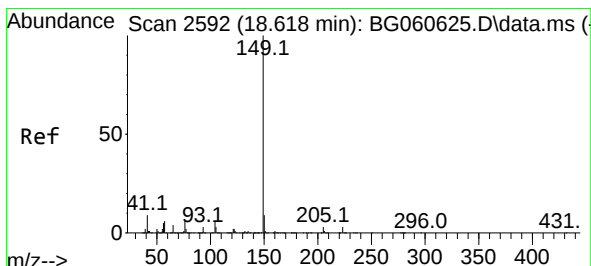
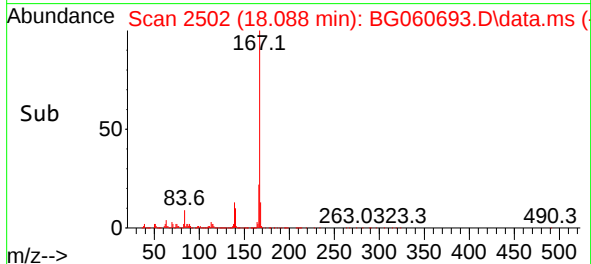
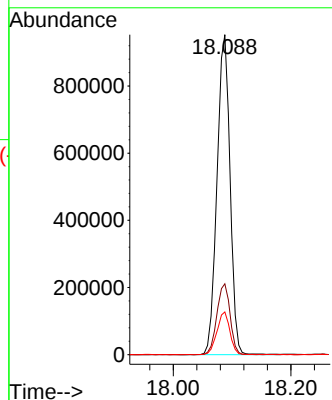
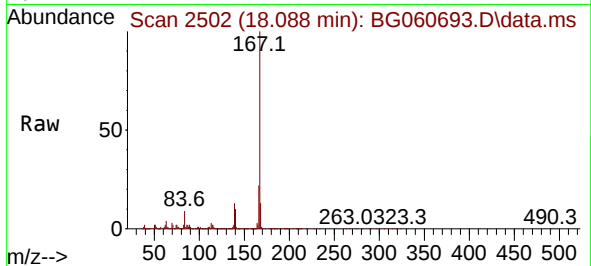




#73
 Carbazole
 Concen: 47.687 ng
 RT: 18.088 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG060693.D
 Acq: 20 Mar 2024 15:56

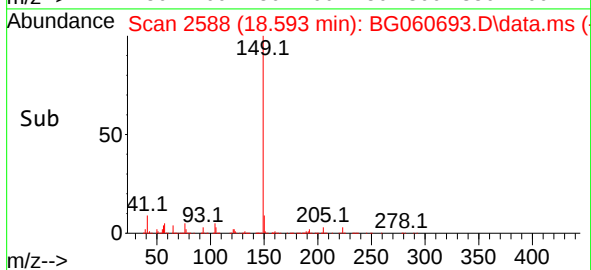
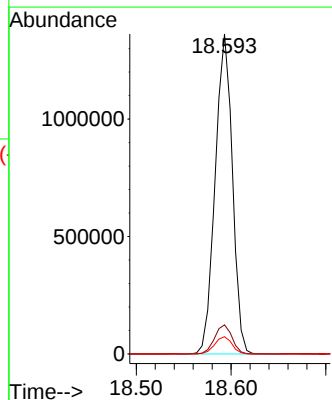
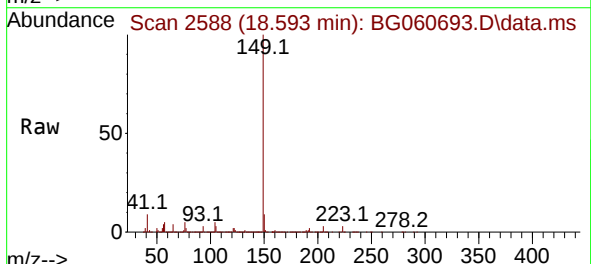
Instrument :
 BNA_G
 ClientSampleId :
 TRENCH-PITMSD

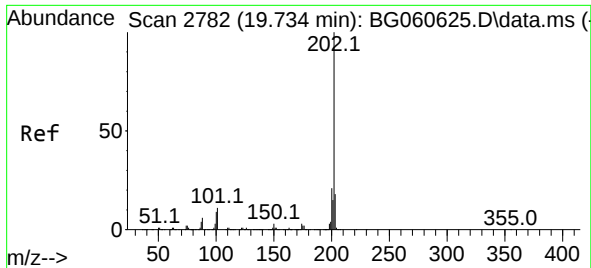
Tgt Ion:167 Resp: 1462302
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 13.3 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 45.924 ng
 RT: 18.593 min Scan# 2588
 Delta R.T. -0.001 min
 Lab File: BG060693.D
 Acq: 20 Mar 2024 15:56

Tgt Ion:149 Resp: 1716120
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.4 4.8 7.2

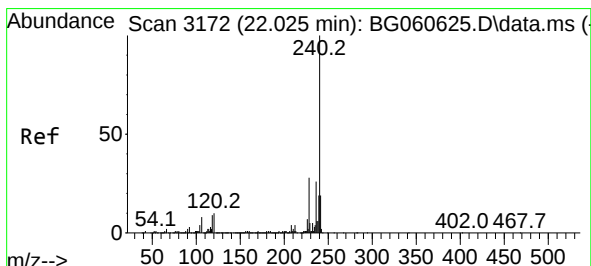
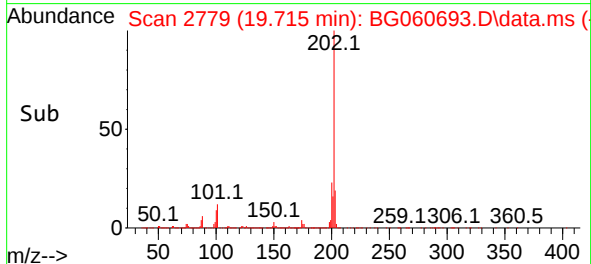
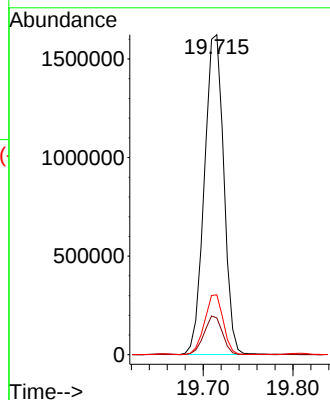
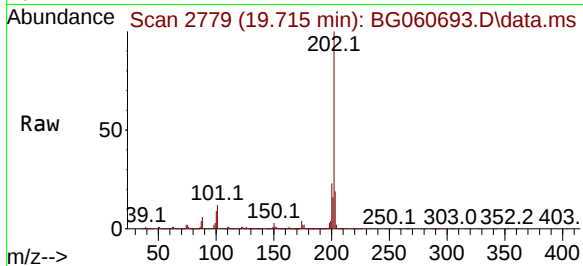




#75
Fluoranthene
Concen: 63.011 ng
RT: 19.715 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

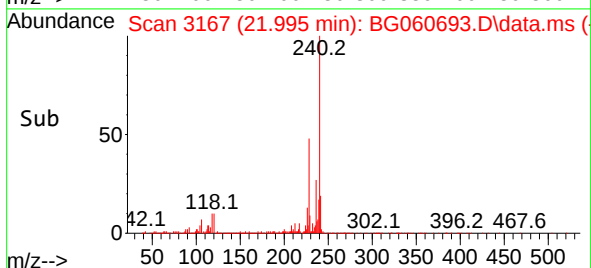
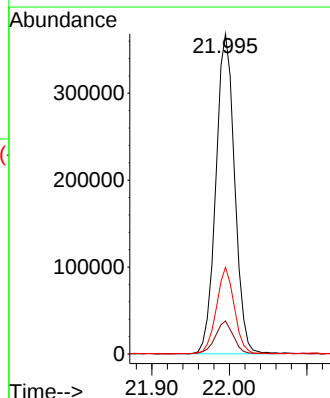
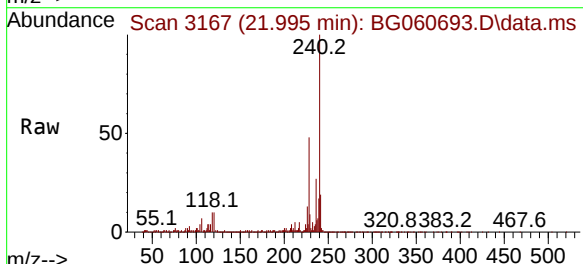
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

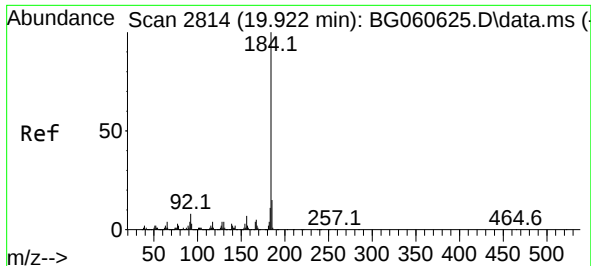
Tgt Ion:202 Resp: 2431071
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.2
203 18.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.995 min Scan# 3167
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:240 Resp: 618086
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.8
236 27.1 20.6 31.0

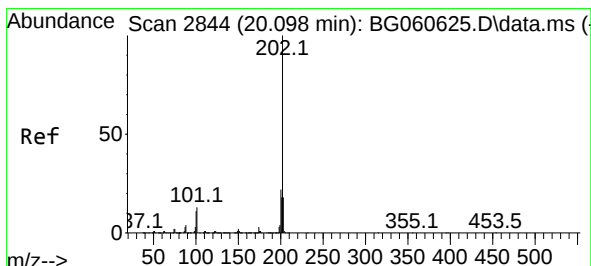
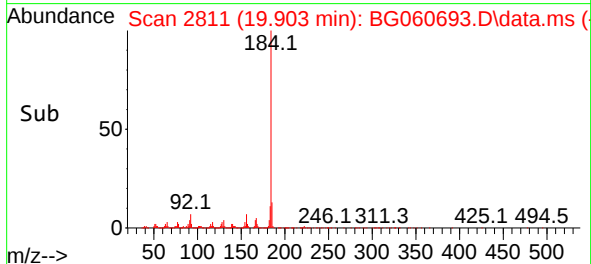
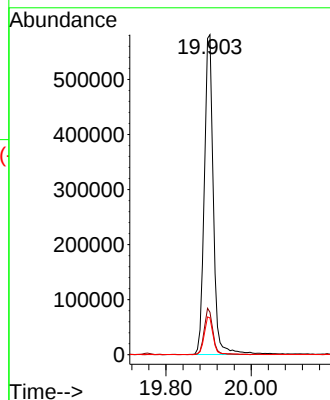
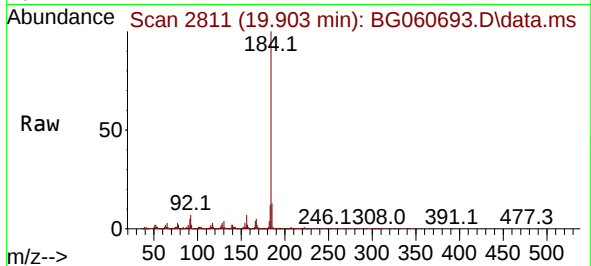




#77
Benzidine
Concen: 56.555 ng
RT: 19.903 min Scan# 2811
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

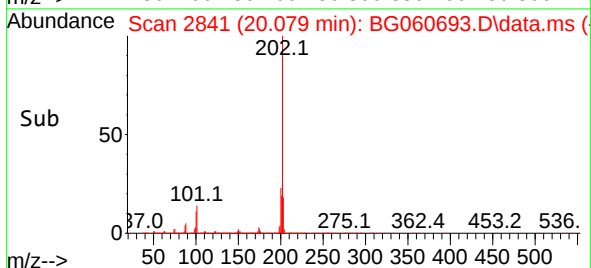
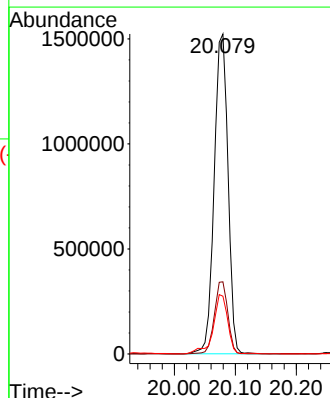
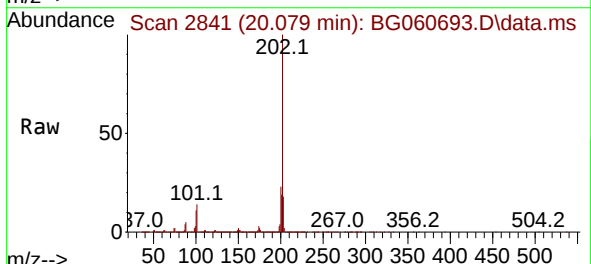
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

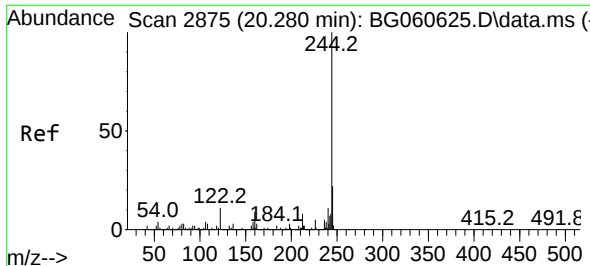
Tgt Ion:184 Resp: 855022
Ion Ratio Lower Upper
184 100
185 13.2 11.7 17.5
183 11.5 9.2 13.8



#78
Pyrene
Concen: 55.518 ng
RT: 20.079 min Scan# 2841
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:202 Resp: 2394717
Ion Ratio Lower Upper
202 100
200 22.6 17.9 26.9
203 18.0 14.3 21.5

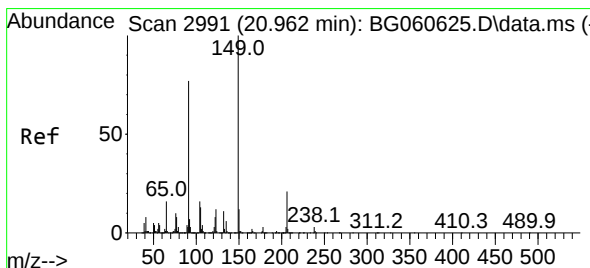
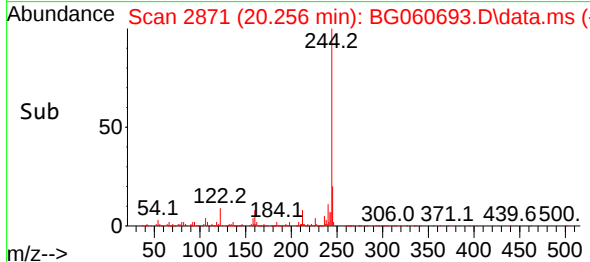
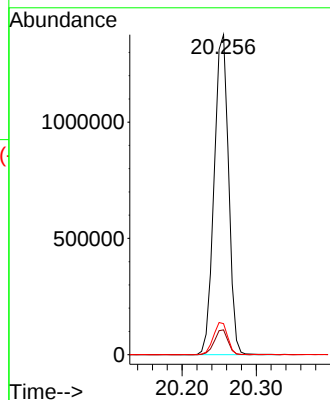
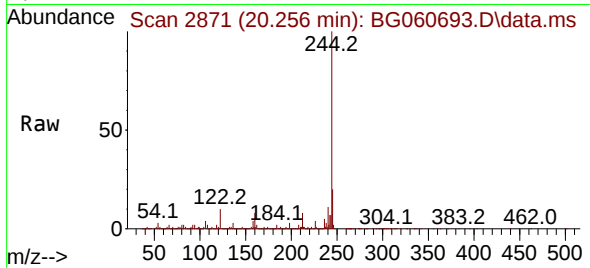




#79
 Terphenyl-d14
 Concen: 54.271 ng
 RT: 20.256 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060693.D
 Acq: 20 Mar 2024 15:56

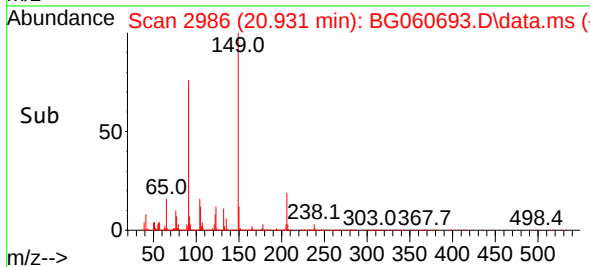
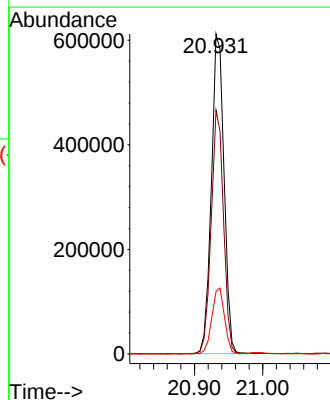
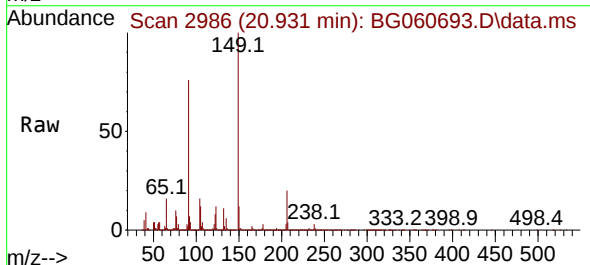
Instrument :
 BNA_G
 ClientSampleId :
 TRENCH-PITMSD

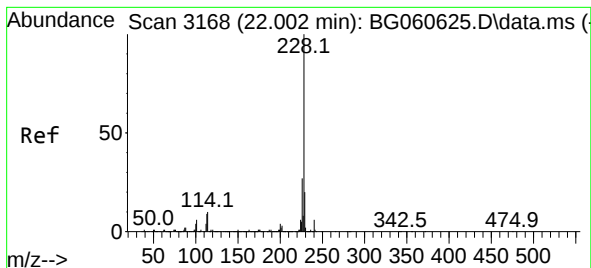
Tgt Ion:244 Resp: 1855780
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 9.7 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 48.450 ng
 RT: 20.931 min Scan# 2986
 Delta R.T. -0.001 min
 Lab File: BG060693.D
 Acq: 20 Mar 2024 15:56

Tgt Ion:149 Resp: 790070
 Ion Ratio Lower Upper
 149 100
 91 76.1 61.5 92.3
 206 19.5 16.9 25.3





#81

Benzo(a)anthracene

Concen: 51.207 ng

RT: 21.971 min Scan# 3163

Delta R.T. -0.001 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMSD

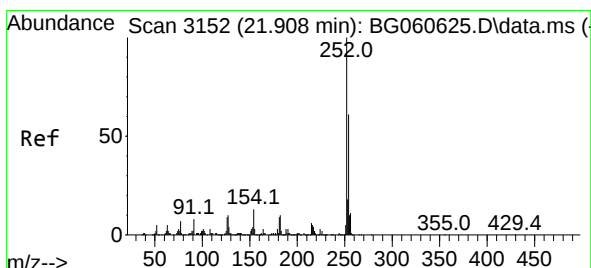
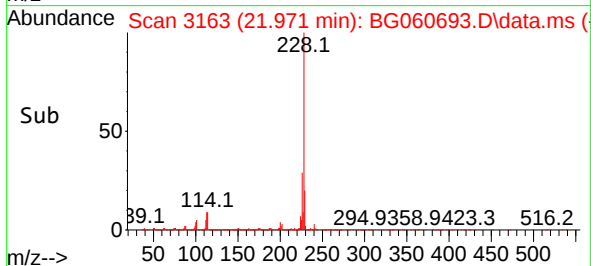
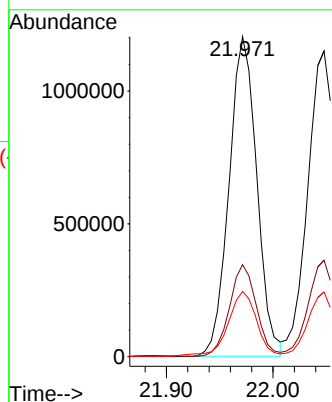
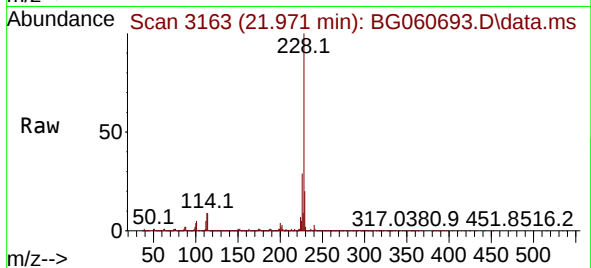
Tgt Ion:228 Resp: 2179241

Ion Ratio Lower Upper

228 100

226 28.7 21.8 32.8

229 20.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 26.538 ng

RT: 21.883 min Scan# 3148

Delta R.T. -0.001 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

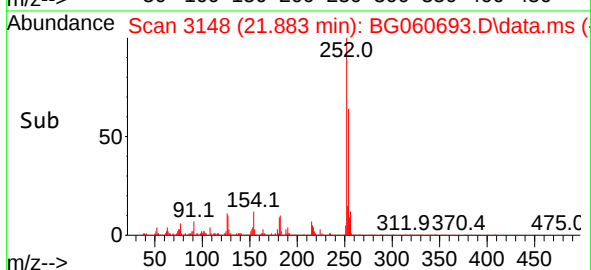
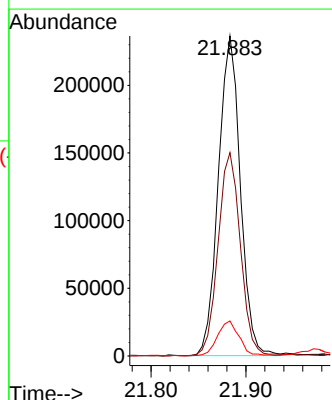
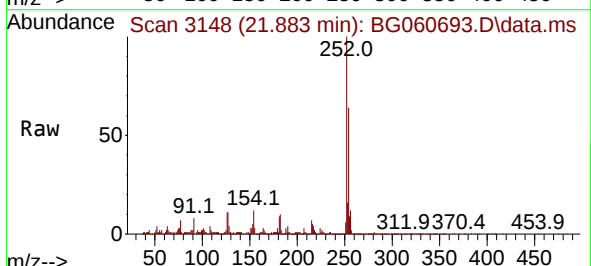
Tgt Ion:252 Resp: 380670

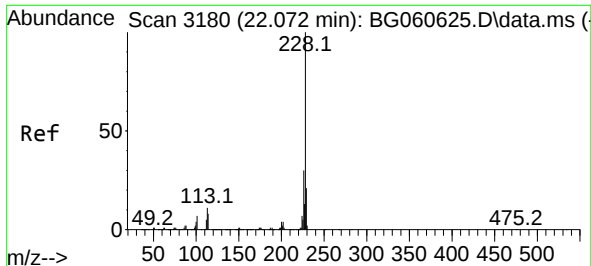
Ion Ratio Lower Upper

252 100

254 63.6 48.7 73.1

126 11.0 7.4 11.2





#83

Chrysene

Concen: 50.951 ng

RT: 22.048 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMSD

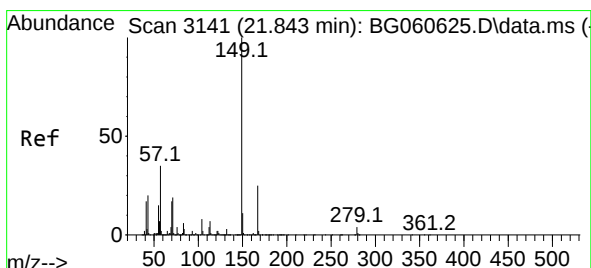
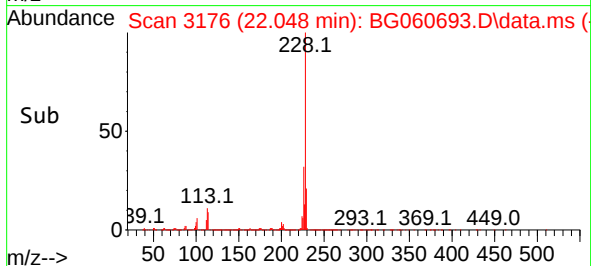
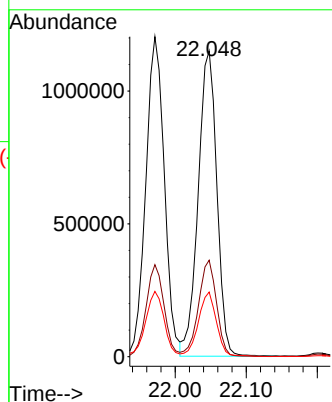
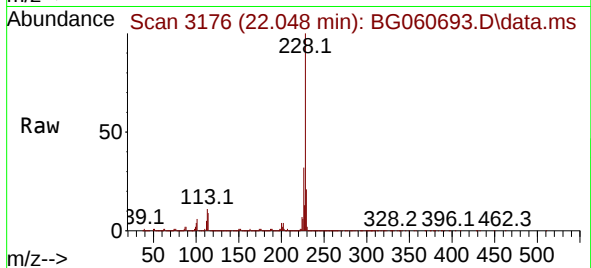
Tgt Ion:228 Resp: 2105400

Ion Ratio Lower Upper

228 100

226 31.6 24.2 36.2

229 21.2 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.323 ng

RT: 21.807 min Scan# 3135

Delta R.T. -0.001 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

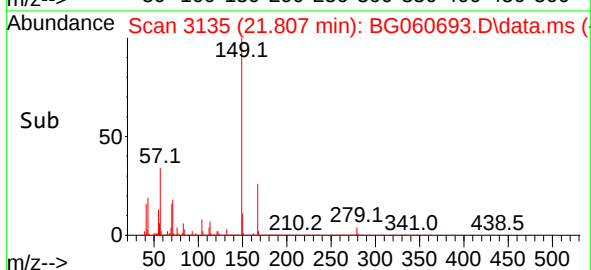
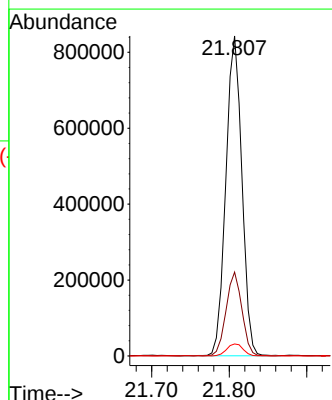
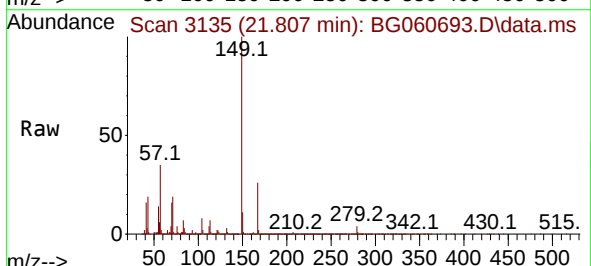
Tgt Ion:149 Resp: 1212126

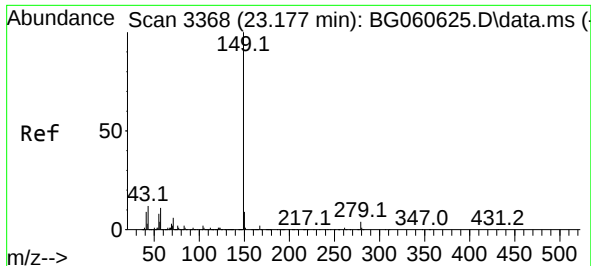
Ion Ratio Lower Upper

149 100

167 26.2 19.9 29.9

279 3.7 3.0 4.6

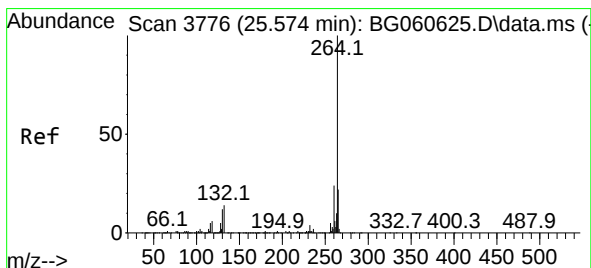
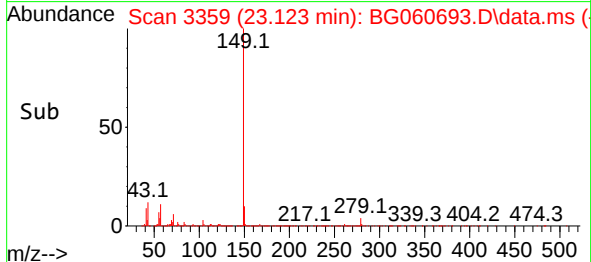
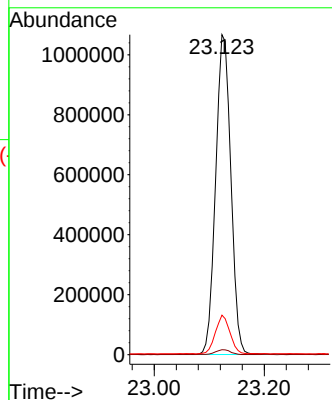
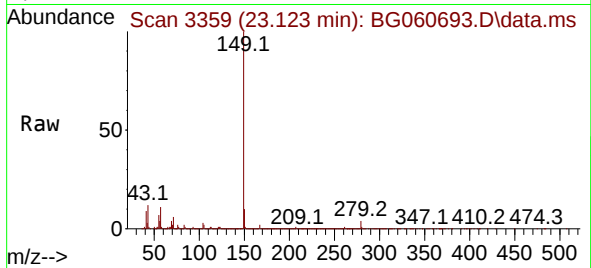




#85
Di-n-octyl phthalate
Concen: 51.529 ng
RT: 23.123 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

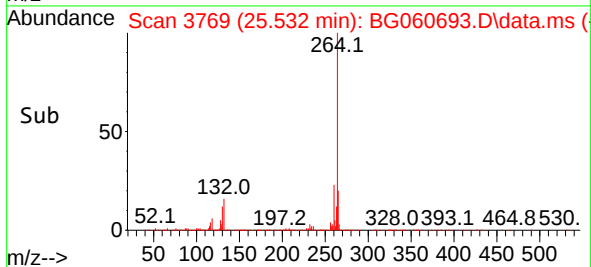
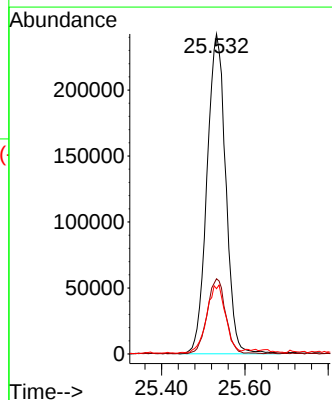
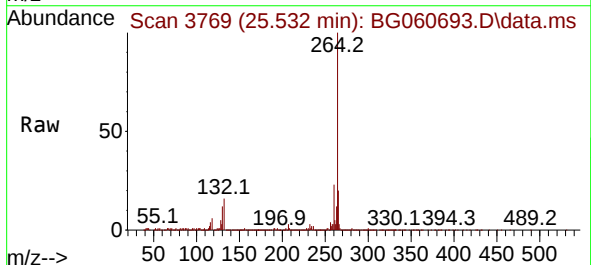
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

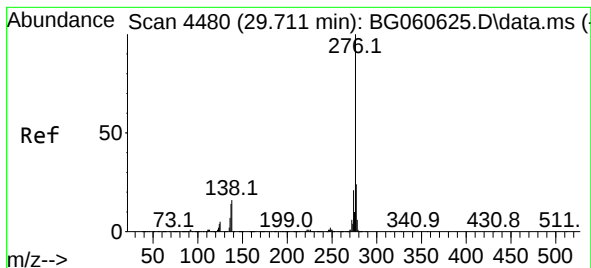
Tgt Ion:149 Resp: 2043855
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 10.0 15.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.532 min Scan# 3769
Delta R.T. 0.005 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:264 Resp: 756649
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 20.4 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.842 ng

RT: 29.639 min Scan# 4468

Delta R.T. 0.005 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMSD

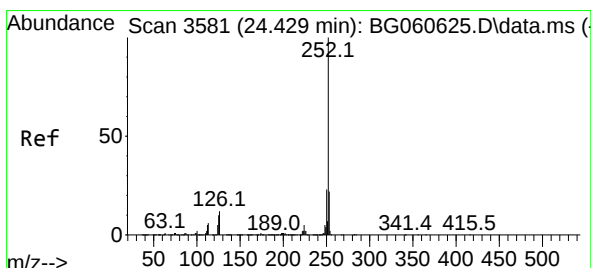
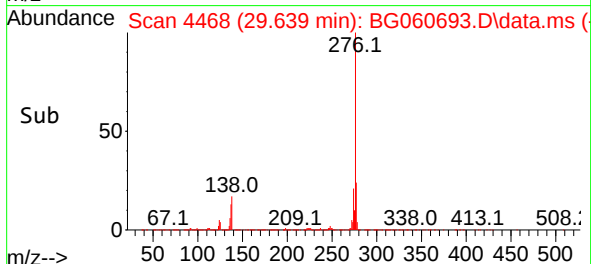
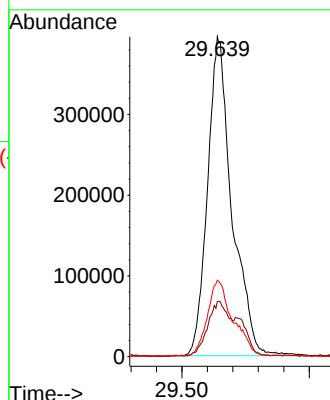
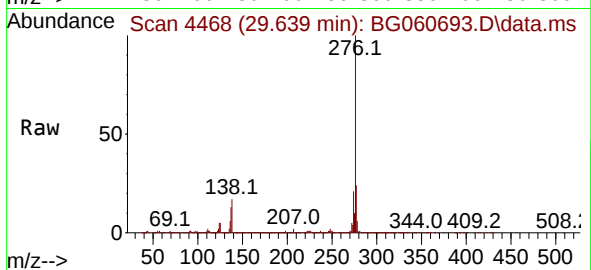
Tgt Ion:276 Resp: 2624051

Ion Ratio Lower Upper

276 100

138 15.4 6.6 10.0#

277 24.7 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 54.362 ng

RT: 24.392 min Scan# 3575

Delta R.T. 0.005 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

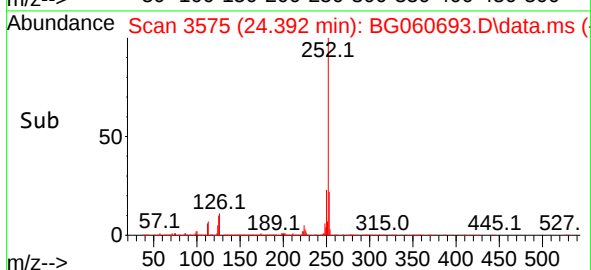
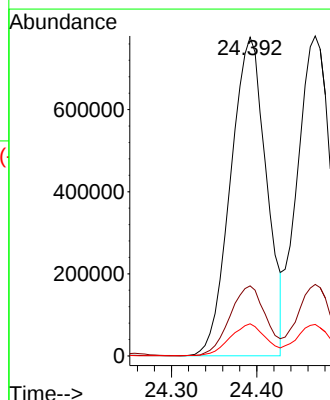
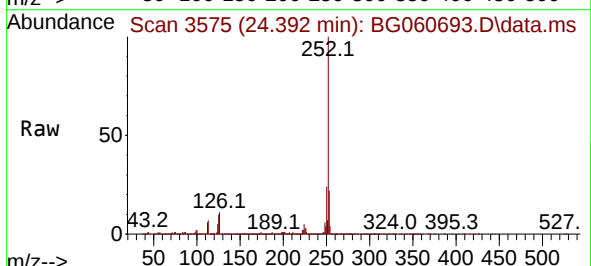
Tgt Ion:252 Resp: 2262887

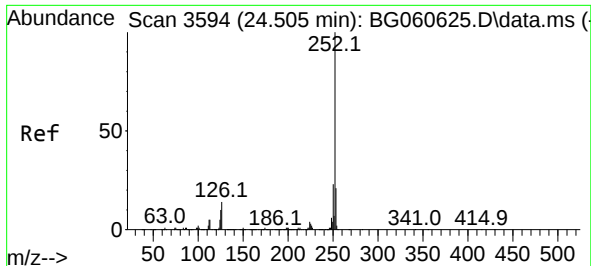
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.1 7.8 11.6

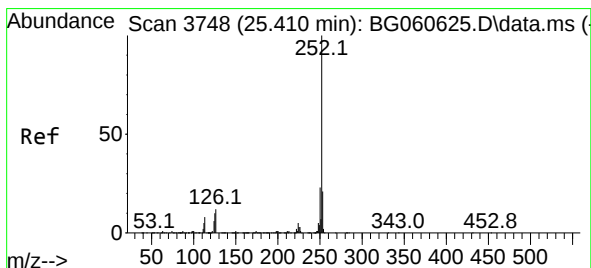
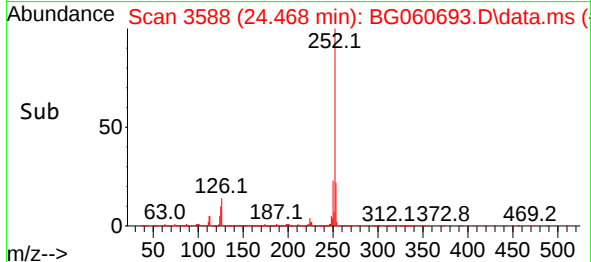
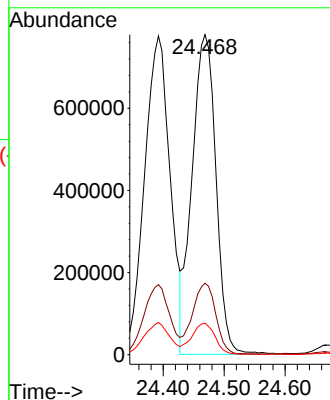
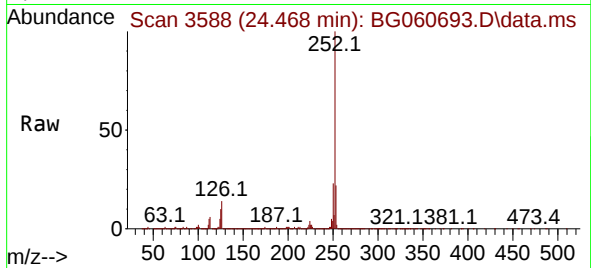




#89
Benzo(k)fluoranthene
Concen: 48.575 ng
RT: 24.468 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

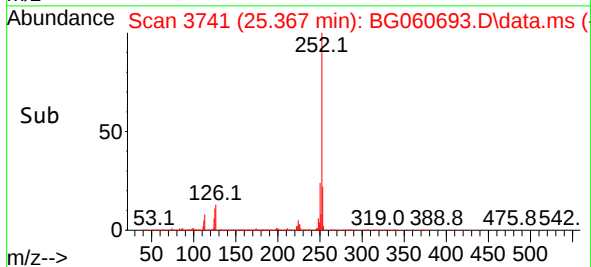
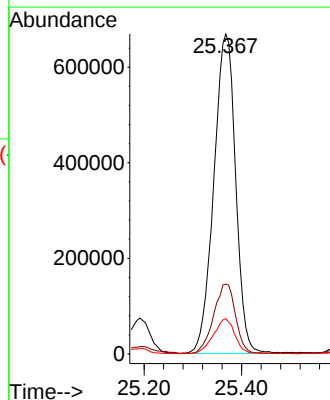
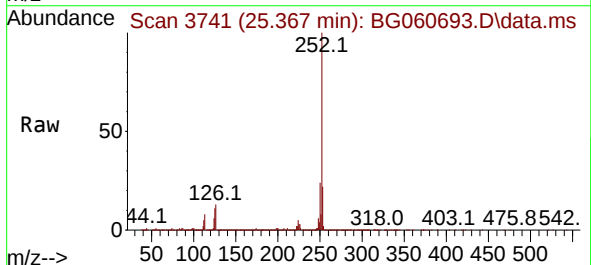
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

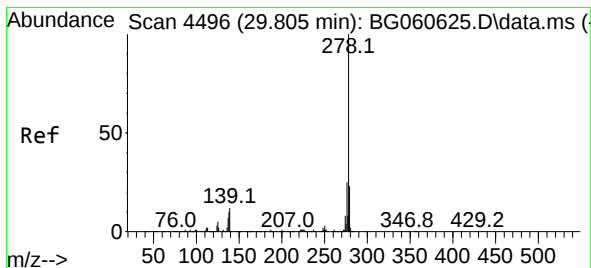
Tgt Ion:252 Resp: 2124249
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 9.9 8.0 12.0



#90
Benzo(a)pyrene
Concen: 50.898 ng
RT: 25.367 min Scan# 3741
Delta R.T. 0.011 min
Lab File: BG060693.D
Acq: 20 Mar 2024 15:56

Tgt Ion:252 Resp: 2077166
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.0 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 45.528 ng

RT: 29.721 min Scan# 4496

Delta R.T. 0.005 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMSD

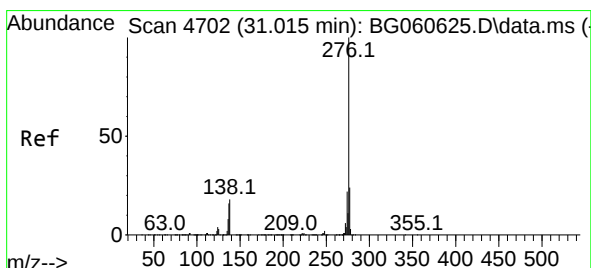
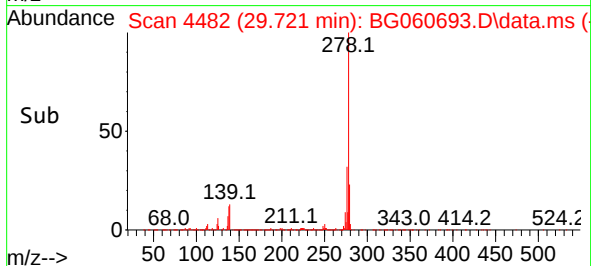
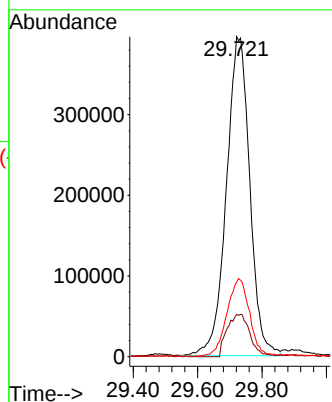
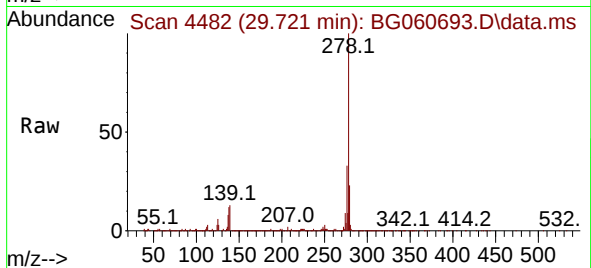
Tgt Ion:278 Resp: 1994780

Ion Ratio Lower Upper

278 100

139 13.2 9.8 14.8

279 23.3 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 48.918 ng

RT: 30.949 min Scan# 4691

Delta R.T. 0.011 min

Lab File: BG060693.D

Acq: 20 Mar 2024 15:56

Tgt Ion:276 Resp: 2075147

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 18.3 14.4 21.6

