

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
 Data File : BG060692.D
 Acq On : 20 Mar 2024 15:16
 Operator : MA/JU
 Sample : P1803-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRENCH-PITMS

Quant Time: Mar 20 15:55:51 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	8.291	152	84457	20.000	ng	0.00
21) Naphthalene-d8	11.135	136	381111	20.000	ng	0.00
39) Acenaphthene-d10	14.925	164	271437	20.000	ng	0.00
64) Phenanthrene-d10	17.675	188	628549	20.000	ng	0.00
76) Chrysene-d12	21.993	240	587149	20.000	ng	0.00
86) Perylene-d12	25.536	264	708505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.783	112	526328	97.965	ng	0.00
7) Phenol-d6	7.416	99	888395	113.991	ng	0.00
23) Nitrobenzene-d5	9.490	82	584718	79.848	ng	0.00
42) 2,4,6-Tribromophenol	16.411	330	418261	132.976	ng	0.00
45) 2-Fluorobiphenyl	13.550	172	1143130	56.940	ng	0.00
79) Terphenyl-d14	20.254	244	1833048	56.430	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.621	88	96203	42.778	ng	99
3) Pyridine	4.038	79	229308	34.501	ng	93
4) n-Nitrosodimethylamine	3.961	42	145675	44.680	ng	96
6) Aniline	7.616	93	224716	23.596	ng	98
8) 2-Chlorophenol	7.845	128	281192	47.879	ng	96
9) Benzaldehyde	7.434	77	62394	14.302	ng	97
10) Phenol	7.440	94	383035	48.982	ng	99
11) bis(2-Chloroethyl)ether	7.704	93	248374	39.843	ng	97
12) 1,3-Dichlorobenzene	8.174	146	282927	44.672	ng	97
13) 1,4-Dichlorobenzene	8.327	146	287326	44.755	ng	97
14) 1,2-Dichlorobenzene	8.650	146	280355	43.969	ng	97
15) Benzyl Alcohol	8.532	79	280336	45.498	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.797	45	497953	41.146	ng	99
17) 2-Methylphenol	8.715	107	259054	43.142	ng	99
18) Hexachloroethane	9.378	117	109390	49.879	ng	94
19) n-Nitroso-di-n-propyla...	9.096	70	235416	43.578	ng	99
20) 3+4-Methylphenols	9.049	107	383289	47.328	ng	96
22) Acetophenone	9.138	105	468729	45.874	ng	# 97
24) Nitrobenzene	9.537	77	346718	47.359	ng	97
25) Isophorone	10.042	82	681354	46.488	ng	98
26) 2-Nitrophenol	10.242	139	150652	50.669	ng	93
27) 2,4-Dimethylphenol	10.266	122	251272	38.734	ng	96
28) bis(2-Chloroethoxy)met...	10.524	93	358410	40.791	ng	98
29) 2,4-Dichlorophenol	10.765	162	280941	48.254	ng	94
30) 1,2,4-Trichlorobenzene	10.982	180	276340	44.702	ng	95
31) Naphthalene	11.194	128	923128	43.366	ng	99
32) Benzoic acid	10.389	122	216126	50.360	ng	93
33) 4-Chloroaniline	11.306	127	138579	15.438	ng	99
34) Hexachlorobutadiene	11.417	225	176641	41.893	ng	96
35) Caprolactam	12.099	113	74510	38.018	ng	# 89
36) 4-Chloro-3-methylphenol	12.381	107	353372	49.527	ng	94
37) 2-Methylnaphthalene	12.769	142	631789	42.971	ng	100
38) 1-Methylnaphthalene	12.986	142	588244	42.627	ng	99
40) 1,2,4,5-Tetrachloroben...	13.115	216	345031	41.391	ng	99
41) Hexachlorocyclopentadiene	13.068	237	319783	78.011	ng	98
43) 2,4,6-Trichlorophenol	13.356	196	255025	47.646	ng	98

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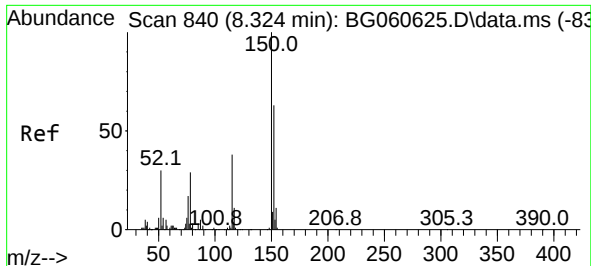
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 18 14:26:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.427	196	276453	43.661	ng	# 95
46) 1,1'-Biphenyl	13.762	154	865893	41.968	ng	100
47) 2-Chloronaphthalene	13.814	162	677831	43.531	ng	98
48) 2-Nitroaniline	14.032	65	245366	47.744	ng	92
49) Acenaphthylene	14.661	152	1183886	46.671	ng	99
50) Dimethylphthalate	14.373	163	907575	44.582	ng	99
51) 2,6-Dinitrotoluene	14.514	165	186892	49.824	ng	93
52) Acenaphthene	14.990	154	665775	43.922	ng	99
53) 3-Nitroaniline	14.849	138	118204	27.368	ng	99
54) 2,4-Dinitrophenol	15.048	184	214598	109.034	ng	98
55) Dibenzofuran	15.324	168	1111553	45.290	ng	100
56) 4-Nitrophenol	15.125	139	362747	112.555	ng	96
57) 2,4-Dinitrotoluene	15.289	165	266673	56.513	ng	94
58) Fluorene	15.971	166	909748	46.330	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.448	232	276283	52.322	ng	99
60) Diethylphthalate	15.712	149	969160	46.269	ng	99
61) 4-Chlorophenyl-phenyle...	15.953	204	433240	43.557	ng	99
62) 4-Nitroaniline	16.012	138	209369	47.339	ng	96
63) Azobenzene	16.247	77	974165	44.940	ng	97
65) 4,6-Dinitro-2-methylph...	16.041	198	147152	51.427	ng	96
66) n-Nitrosodiphenylamine	16.171	169	823790	41.878	ng	97
67) 4-Bromophenyl-phenylether	16.852	248	297724	43.925	ng	96
68) Hexachlorobenzene	16.940	284	349189	44.808	ng	98
69) Atrazine	17.105	200	304086	46.218	ng	98
70) Pentachlorophenol	17.299	266	477343	94.505	ng	98
71) Phenanthrene	17.722	178	1940822	57.322	ng	99
72) Anthracene	17.810	178	1596438	46.633	ng	99
73) Carbazole	18.086	167	1428757	47.998	ng	100
74) Di-n-butylphthalate	18.591	149	1697568	46.797	ng	99
75) Fluoranthene	19.713	202	2382714	63.620	ng	98
77) Benzidine	19.901	184	819525	57.064	ng	99
78) Pyrene	20.078	202	2345888	57.252	ng	97
80) Butylbenzylphthalate	20.936	149	768731	49.626	ng	98
81) Benzo(a)anthracene	21.970	228	2121354	52.473	ng	99
82) 3,3'-Dichlorobenzidine	21.881	252	386242	28.346	ng	99
83) Chrysene	22.046	228	2051340	52.258	ng	98
84) Bis(2-ethylhexyl)phtha...	21.805	149	1178652	51.512	ng	99
85) Di-n-octyl phthalate	23.127	149	1993035	52.895	ng	98
87) Indeno(1,2,3-cd)pyrene	29.637	276	2549758	52.760	ng	# 88
88) Benzo(b)fluoranthene	24.390	252	2261038	58.009	ng	100
89) Benzo(k)fluoranthene	24.467	252	1997936	48.791	ng	98
90) Benzo(a)pyrene	25.366	252	2010132	52.603	ng	99
91) Dibenzo(a,h)anthracene	29.731	278	1942178	47.340	ng	97
92) Benzo(g,h,i)perylene	30.947	276	2027058	51.031	ng	99

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

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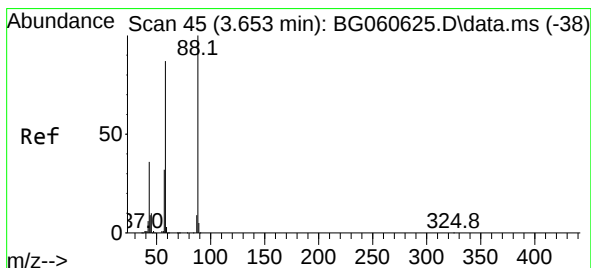
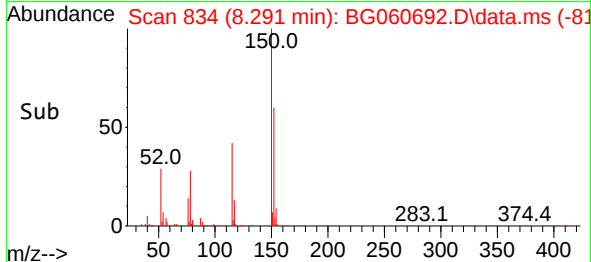
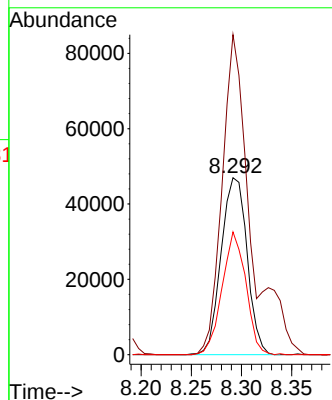
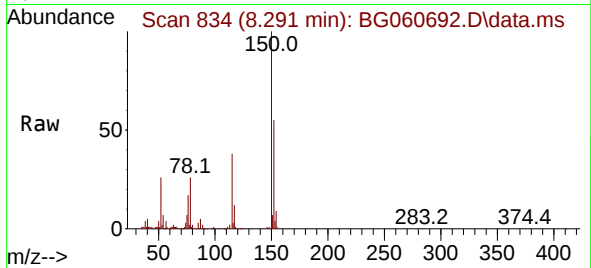
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.291 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: BG060692.D
 Acq: 20 Mar 2024 15:16

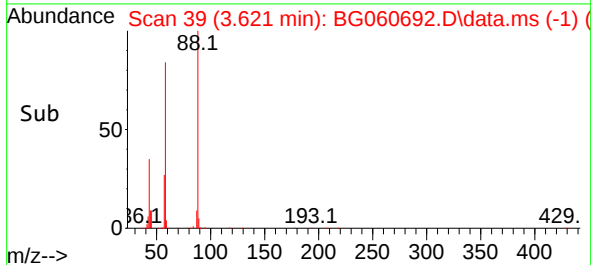
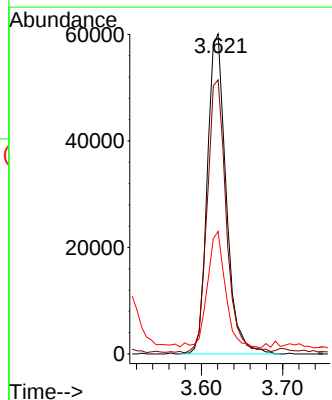
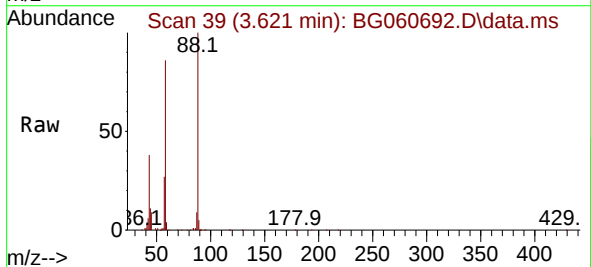
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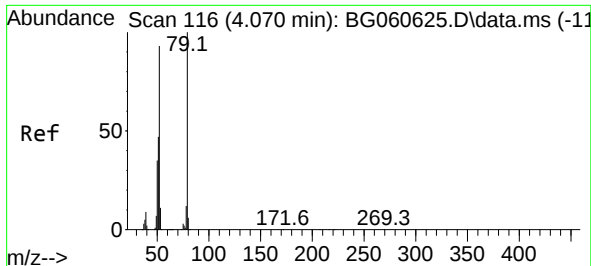
Tgt Ion:152 Resp: 84457
 Ion Ratio Lower Upper
 152 100
 150 180.8 126.6 190.0
 115 69.4 47.8 71.8



#2
 1,4-Dioxane
 Concen: 42.778 ng
 RT: 3.621 min Scan# 39
 Delta R.T. 0.003 min
 Lab File: BG060692.D
 Acq: 20 Mar 2024 15:16

Tgt Ion: 88 Resp: 96203
 Ion Ratio Lower Upper
 88 100
 58 86.9 70.6 106.0
 43 35.4 27.9 41.9

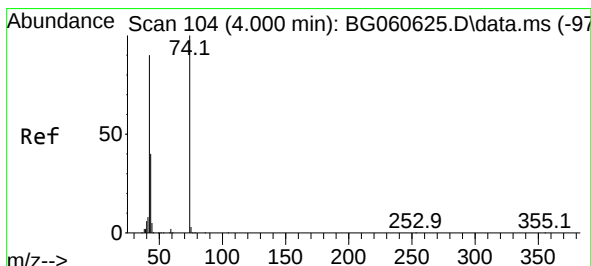
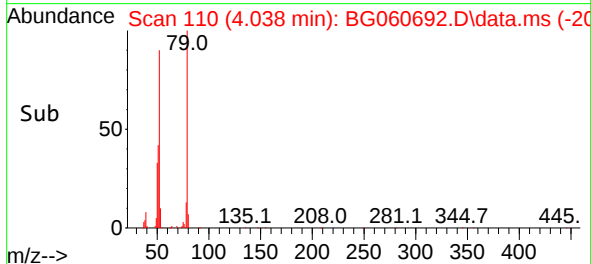
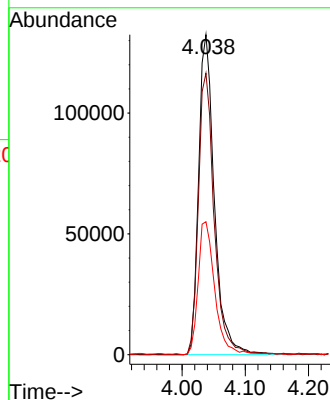
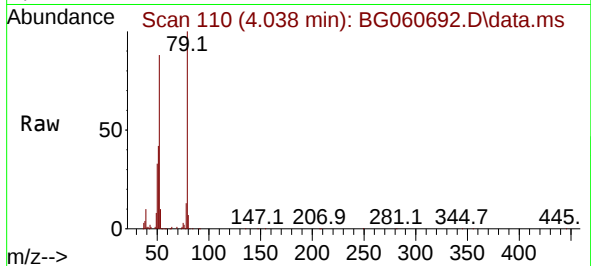




#3
Pyridine
Concen: 34.501 ng
RT: 4.038 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

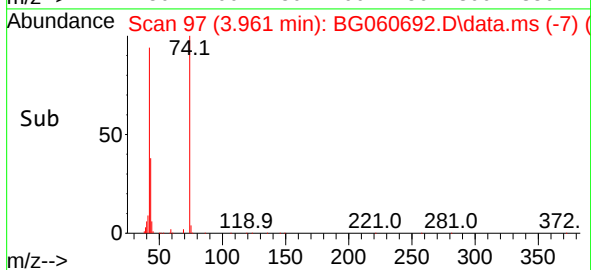
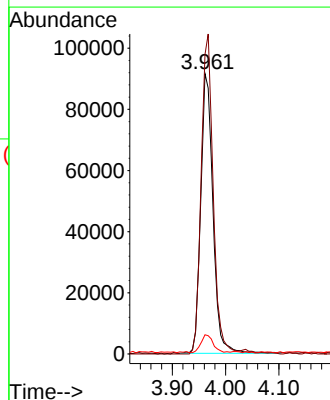
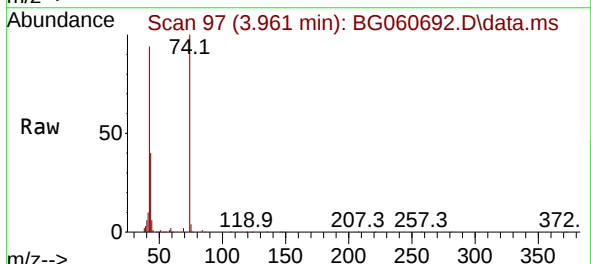
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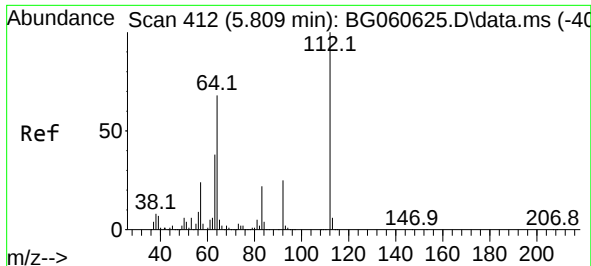
Tgt Ion: 79 Resp: 229308
Ion Ratio Lower Upper
79 100
52 87.9 74.6 112.0
51 41.5 38.0 57.0



#4
n-Nitrosodimethylamine
Concen: 44.680 ng
RT: 3.961 min Scan# 97
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion: 42 Resp: 145675
Ion Ratio Lower Upper
42 100
74 106.9 89.0 133.6
44 6.8 4.7 7.1

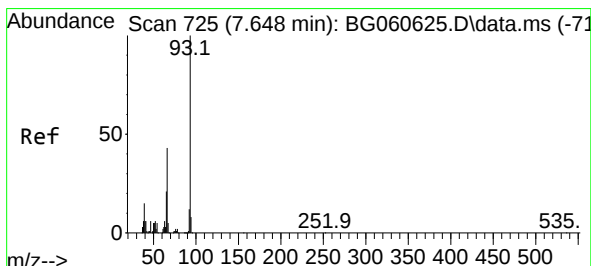
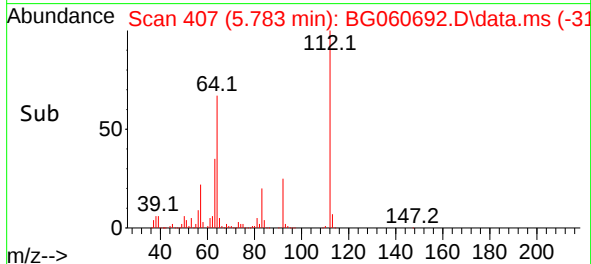
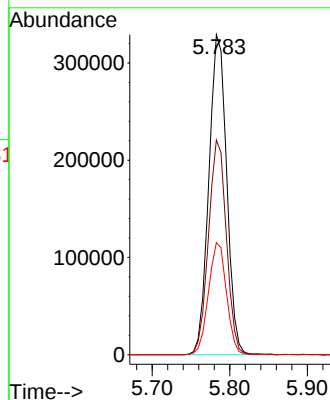
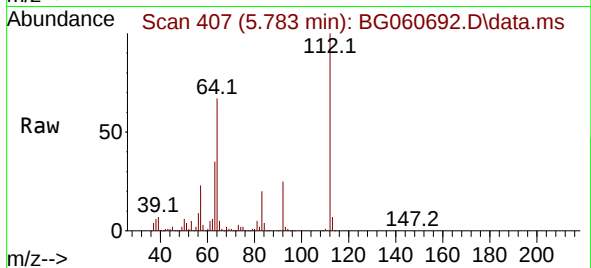




#5
2-Fluorophenol
Concen: 97.965 ng
RT: 5.783 min Scan# 412
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

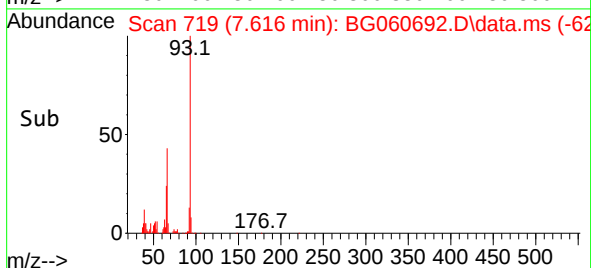
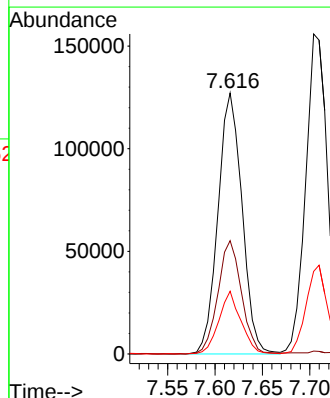
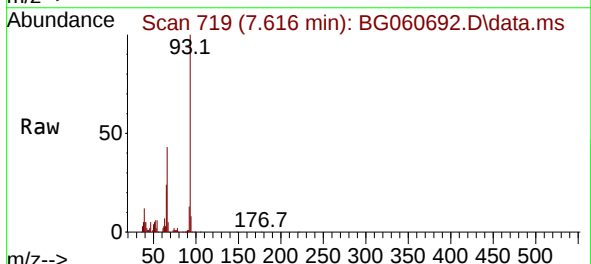
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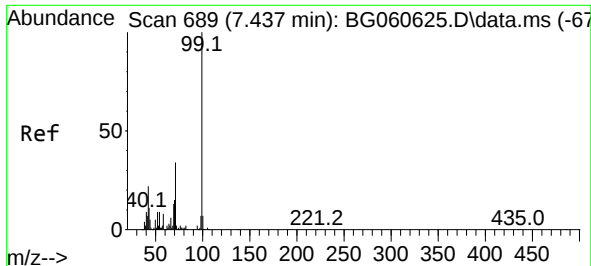
Tgt Ion:112 Resp: 526328
Ion Ratio Lower Upper
112 100
64 67.1 54.1 81.1
63 35.0 30.3 45.5



#6
Aniline
Concen: 23.596 ng
RT: 7.616 min Scan# 719
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion: 93 Resp: 224716
Ion Ratio Lower Upper
93 100
66 43.4 34.5 51.7
65 24.1 17.0 25.4

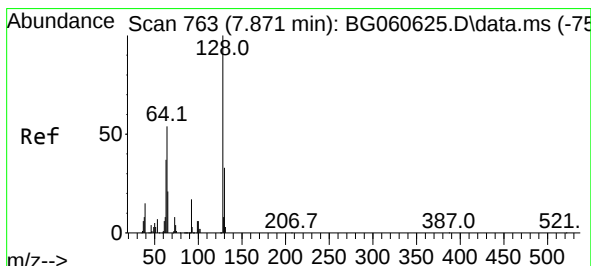
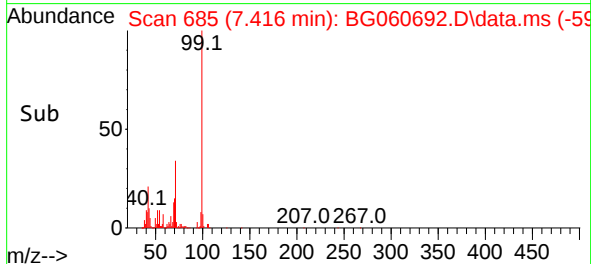
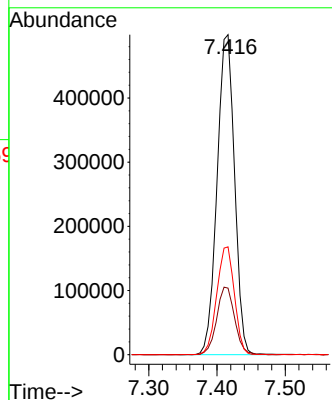
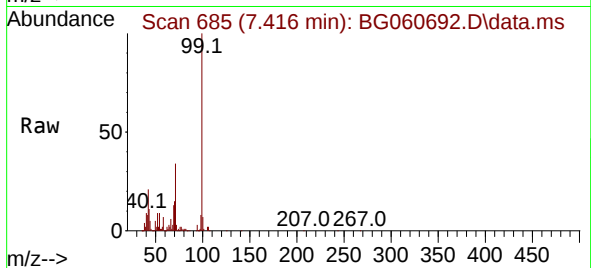




#7
Phenol-d6
Concen: 113.991 ng
RT: 7.416 min Scan# 61
Delta R.T. 0.009 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

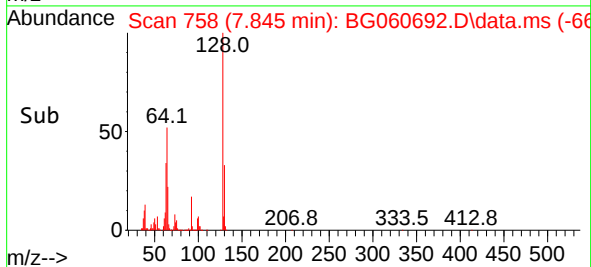
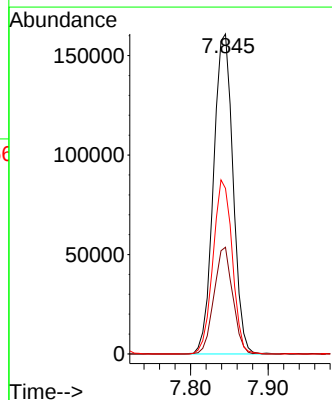
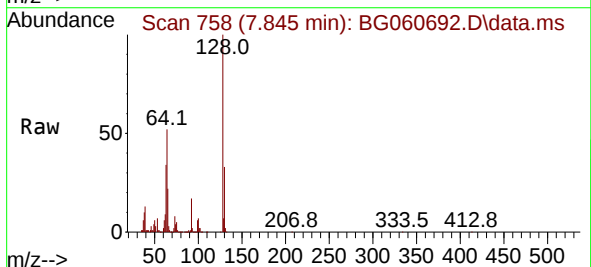
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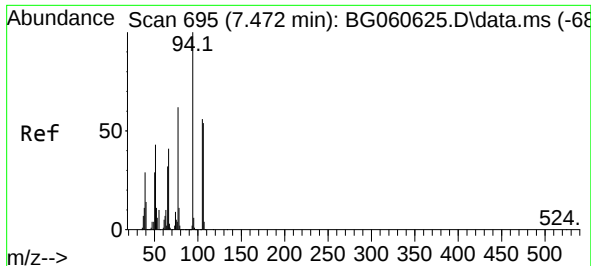
Tgt Ion: 99 Resp: 888395
Ion Ratio Lower Upper
99 100
42 20.8 17.5 26.3
71 33.7 27.4 41.0



#8
2-Chlorophenol
Concen: 47.879 ng
RT: 7.845 min Scan# 758
Delta R.T. 0.009 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion: 128 Resp: 281192
Ion Ratio Lower Upper
128 100
130 33.3 13.2 53.2
64 51.8 35.8 75.8

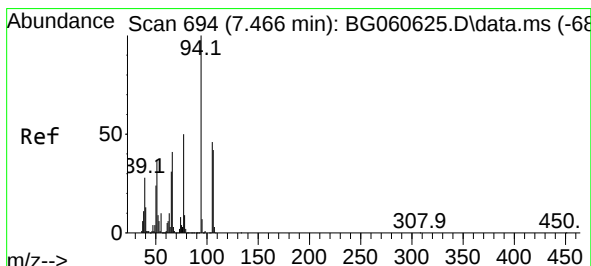
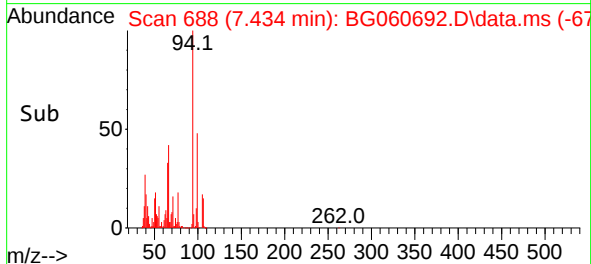
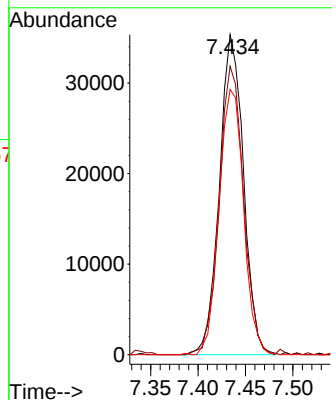
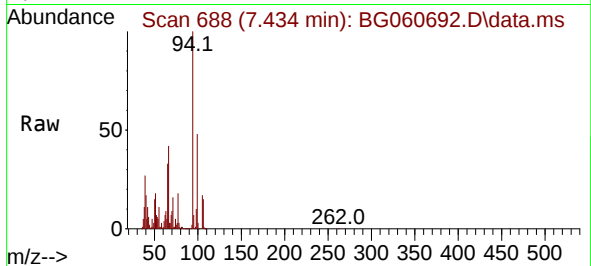




#9
Benzaldehyde
Concen: 14.302 ng
RT: 7.434 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

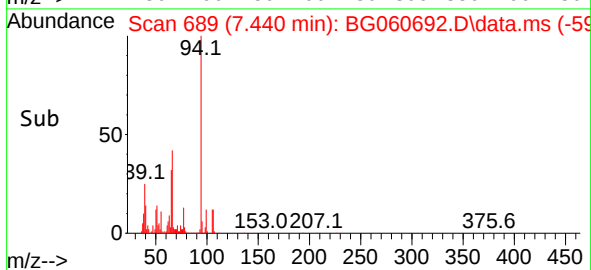
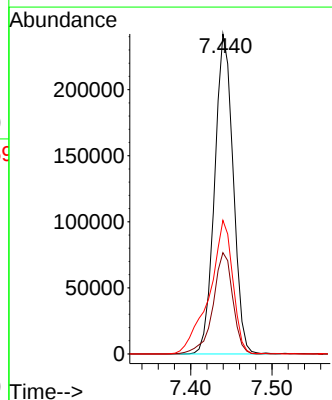
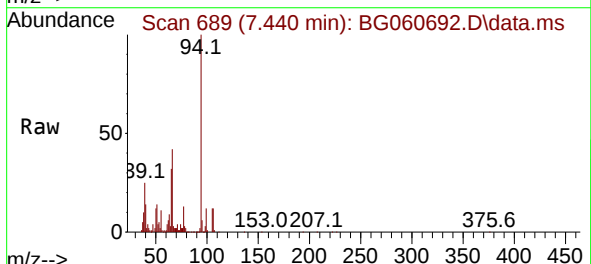
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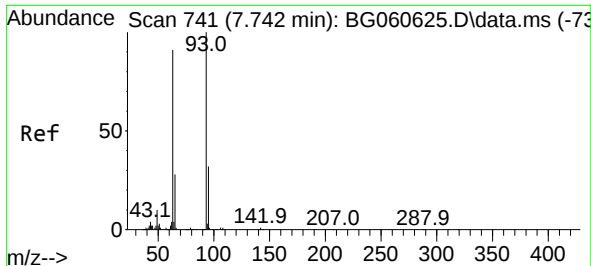
Tgt Ion: 77 Resp: 62394
Ion Ratio Lower Upper
77 100
105 90.1 71.4 111.4
106 82.9 67.1 107.1



#10
Phenol
Concen: 48.982 ng
RT: 7.440 min Scan# 689
Delta R.T. 0.003 min
Lab File: BG060692.D
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Tgt Ion: 94 Resp: 383035
Ion Ratio Lower Upper
94 100
65 31.7 11.2 51.2
66 41.7 21.0 61.0

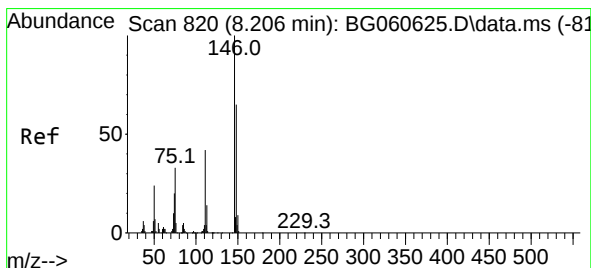
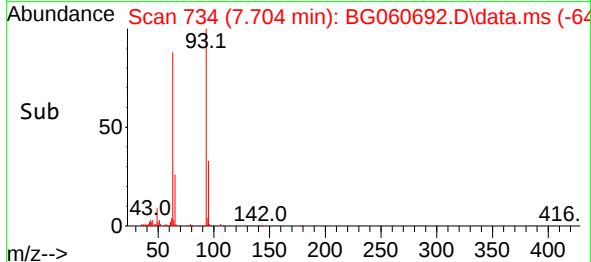
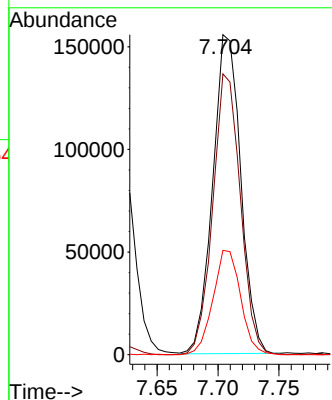
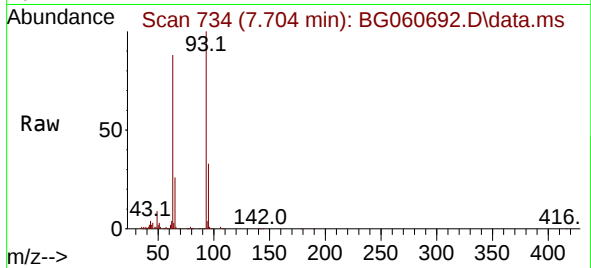




#11
 bis(2-Chloroethyl)ether
 Concen: 39.843 ng
 RT: 7.704 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: BG060692.D
 Acq: 20 Mar 2024 15:16

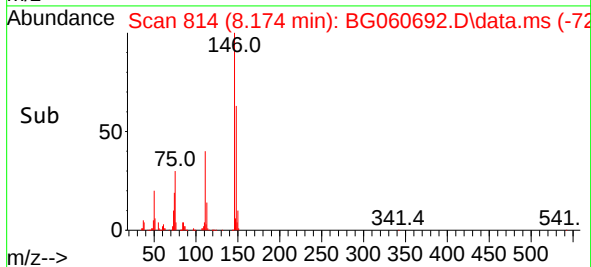
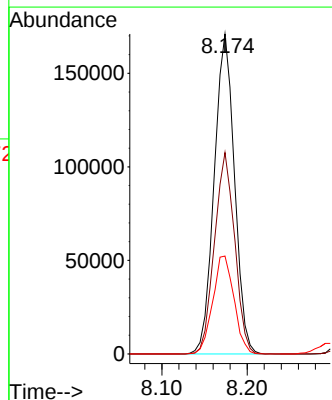
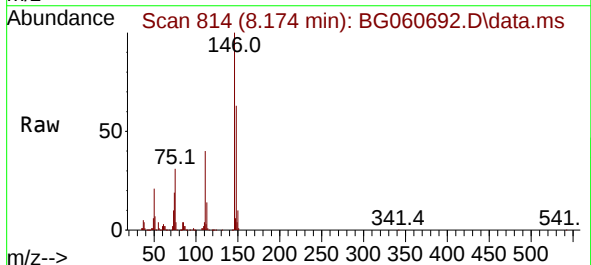
Instrument :
 BNA_G
 ClientSampleId :
 TRENCH-PITMS

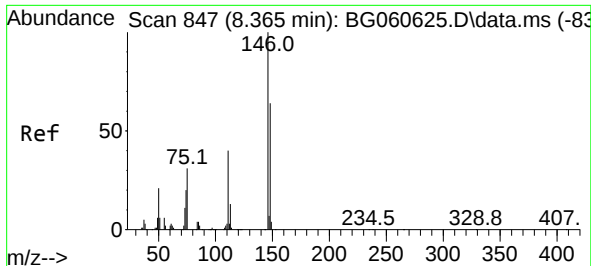
Tgt Ion: 93 Resp: 248374
 Ion Ratio Lower Upper
 93 100
 63 87.8 70.9 110.9
 95 32.6 12.0 52.0



#12
 1,3-Dichlorobenzene
 Concen: 44.672 ng
 RT: 8.174 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: BG060692.D
 Acq: 20 Mar 2024 15:16

Tgt Ion:146 Resp: 282927
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.1 78.1
 75 30.6 26.3 39.5

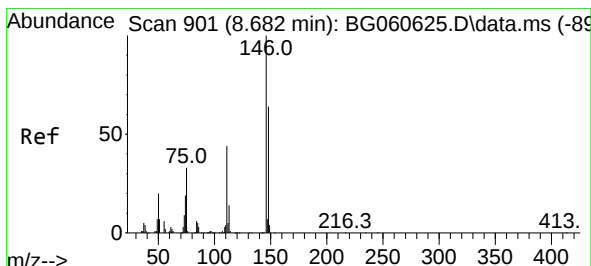
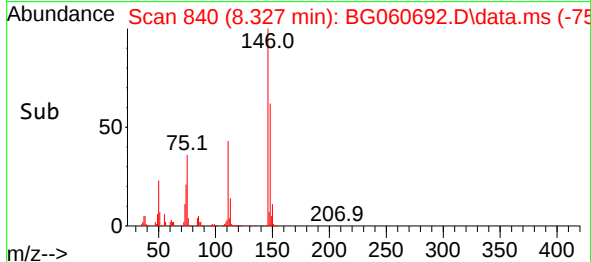
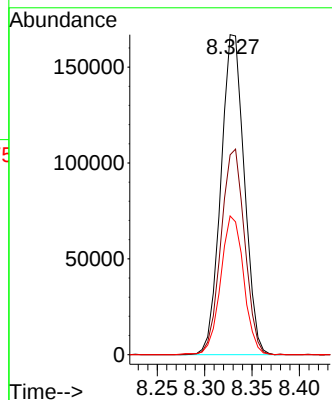
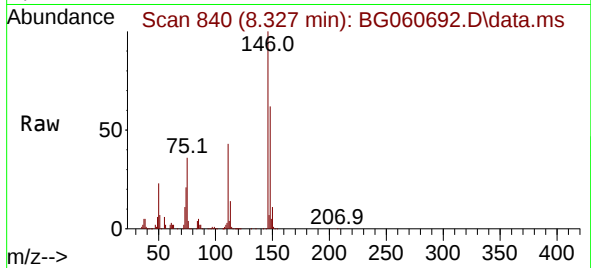




#13
1,4-Dichlorobenzene
Concen: 44.755 ng
RT: 8.327 min Scan# 841
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

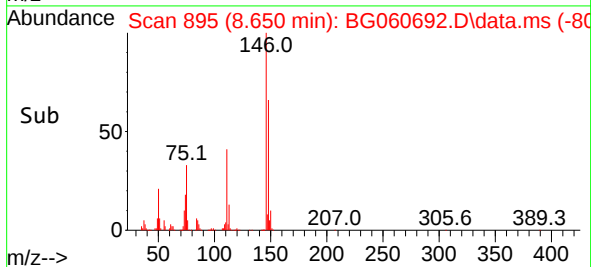
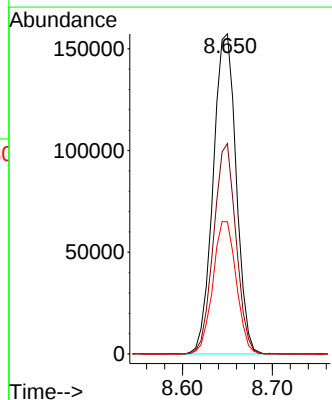
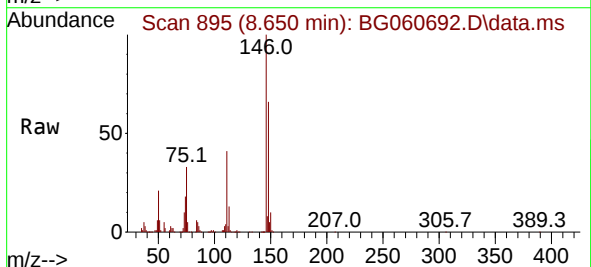
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

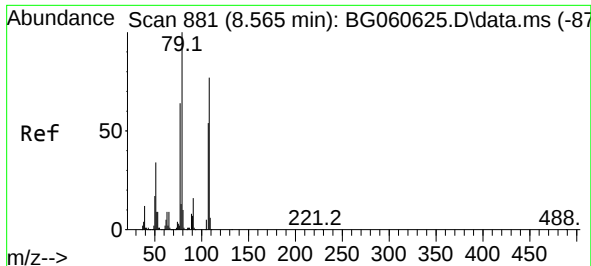
Tgt Ion:146 Resp: 287326
Ion Ratio Lower Upper
146 100
148 62.5 51.5 77.3
111 43.4 32.2 48.2



#14
1,2-Dichlorobenzene
Concen: 43.969 ng
RT: 8.650 min Scan# 895
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:146 Resp: 280355
Ion Ratio Lower Upper
146 100
148 65.7 51.8 77.6
111 41.3 35.5 53.3

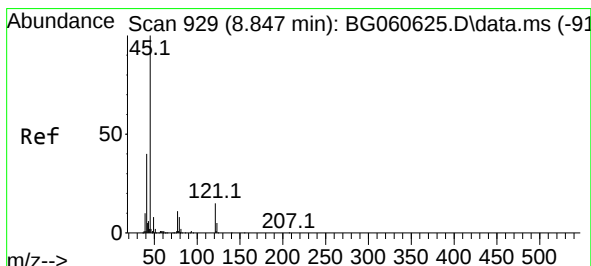
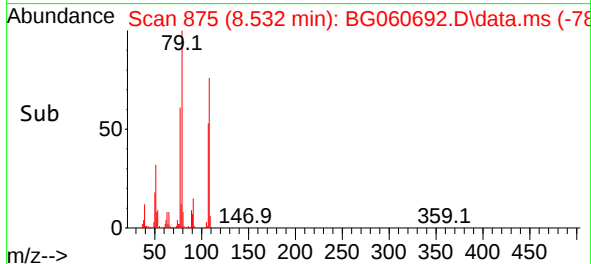
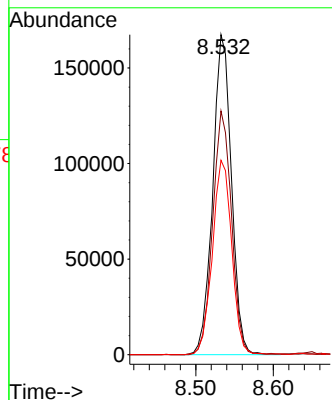
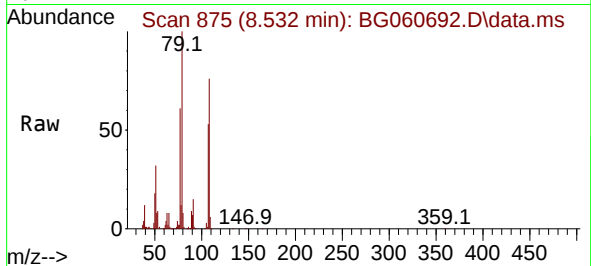




#15
Benzyl Alcohol
Concen: 45.498 ng
RT: 8.532 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

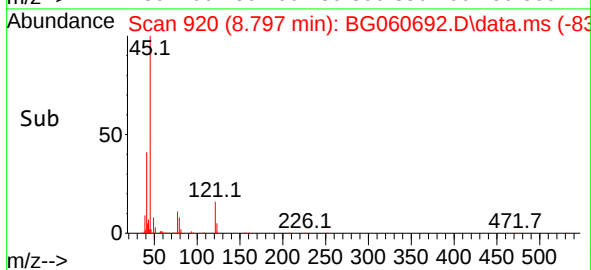
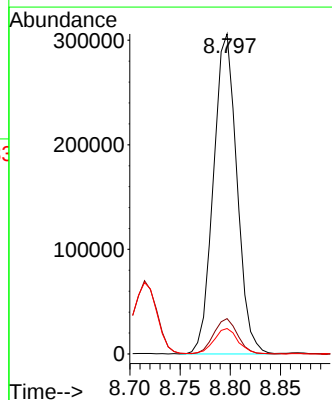
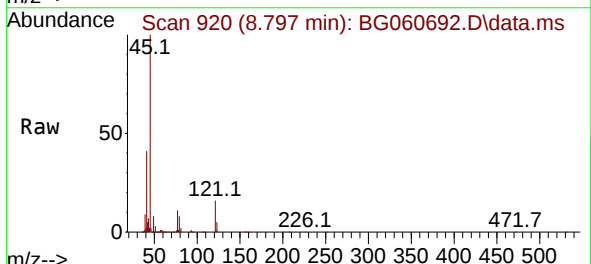
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

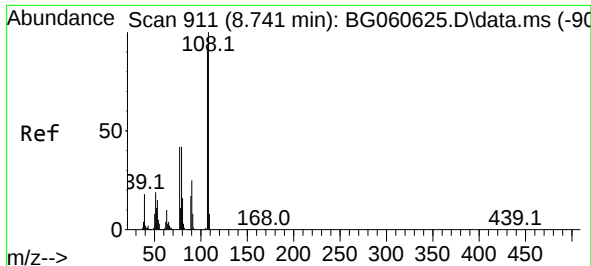
Tgt Ion: 79 Resp: 280336
Ion Ratio Lower Upper
79 100
108 76.2 61.4 92.2
77 60.7 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.146 ng
RT: 8.797 min Scan# 920
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion: 45 Resp: 497953
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.0
79 7.9 0.0 28.8

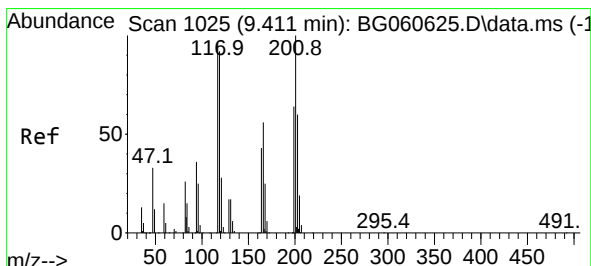
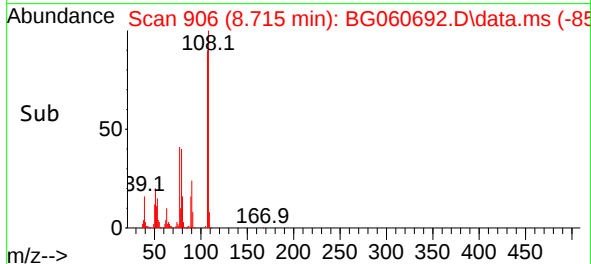
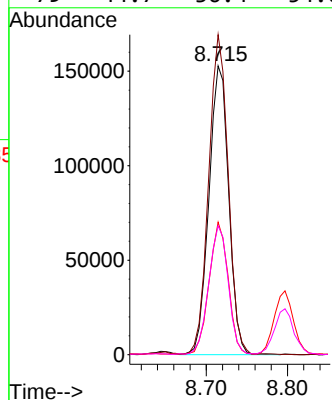
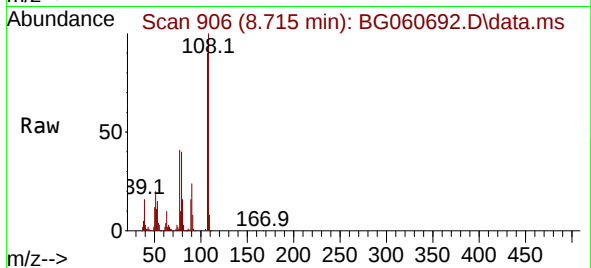




#17
2-Methylphenol
Concen: 43.142 ng
RT: 8.715 min Scan# 906
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

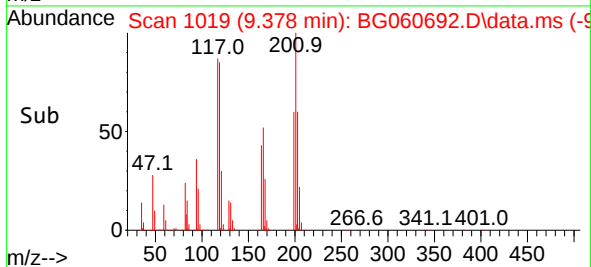
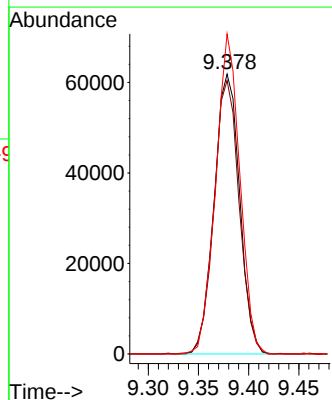
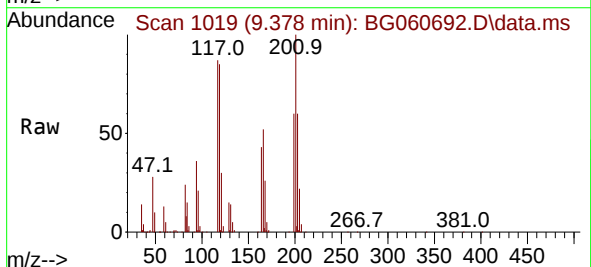
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

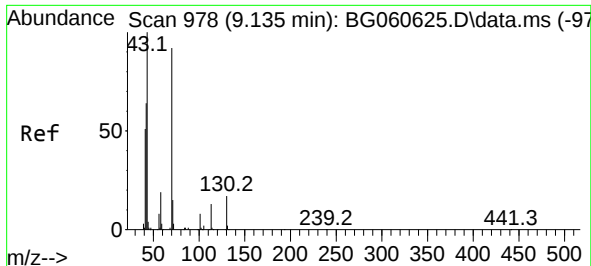
Tgt Ion:	107	Resp:	259054
Ion	Ratio	Lower	Upper
107	100		
108	110.8	87.4	131.2
77	45.8	37.0	55.6
79	44.7	36.4	54.6



#18
Hexachloroethane
Concen: 49.879 ng
RT: 9.378 min Scan# 1019
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:	117	Resp:	109390
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.7	115.1
201	114.3	83.0	124.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.578 ng

RT: 9.096 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMS

Tgt Ion: 70 Resp: 235416

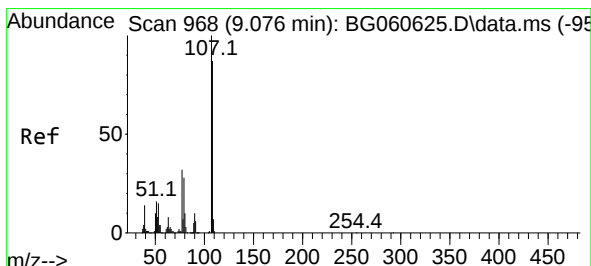
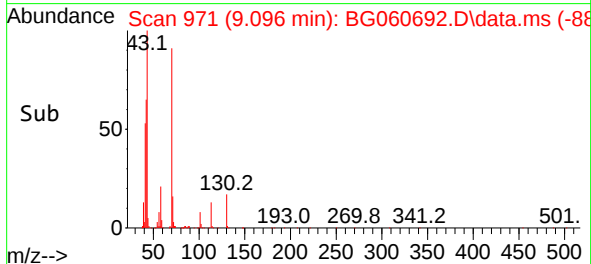
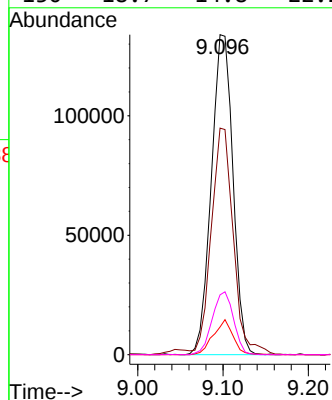
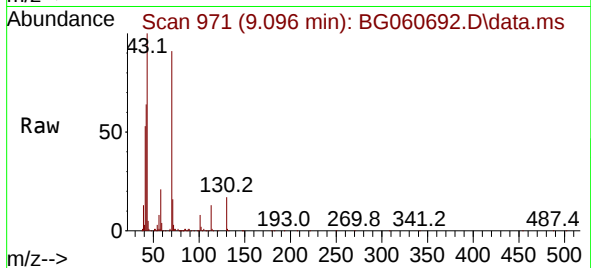
Ion Ratio Lower Upper

70 100

42 70.8 56.2 84.2

101 8.7 7.4 11.0

130 18.7 14.8 22.2



#20

3+4-Methylphenols

Concen: 47.328 ng

RT: 9.049 min Scan# 963

Delta R.T. 0.009 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Tgt Ion: 107 Resp: 383289

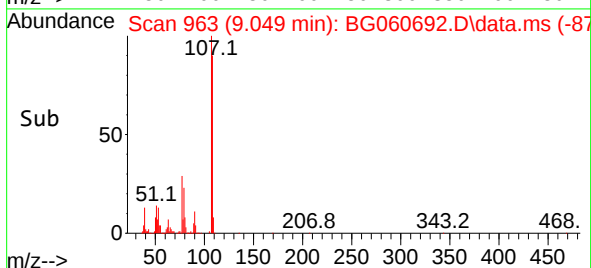
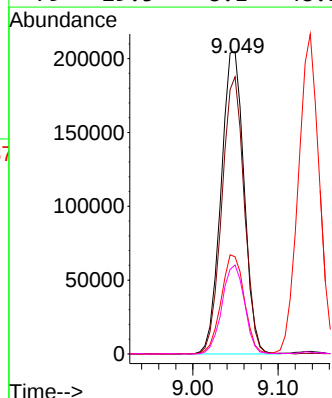
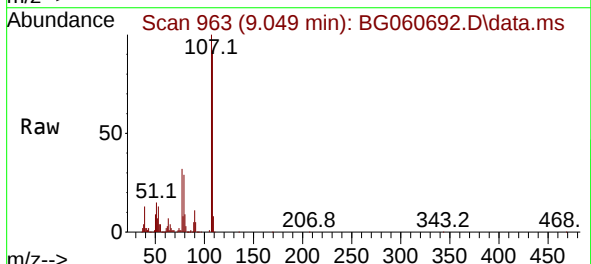
Ion Ratio Lower Upper

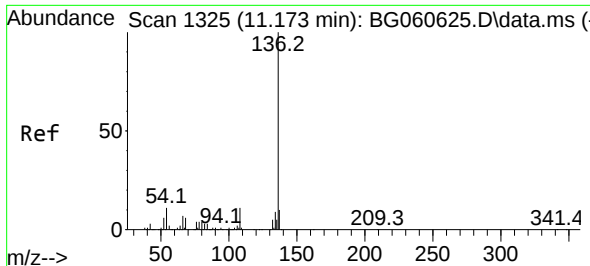
107 100

108 91.7 66.8 106.8

77 32.1 12.4 52.4

79 29.5 8.1 48.1

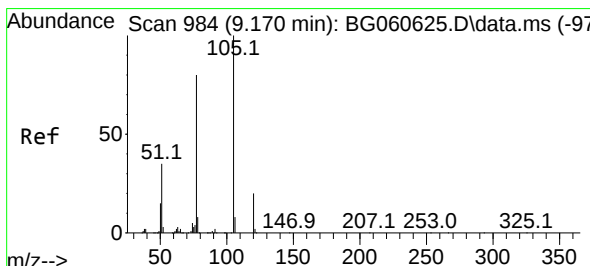
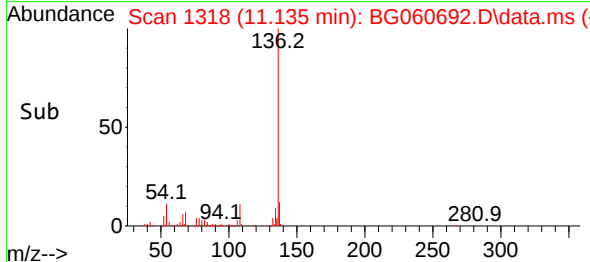
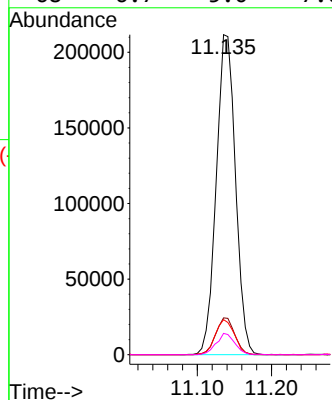
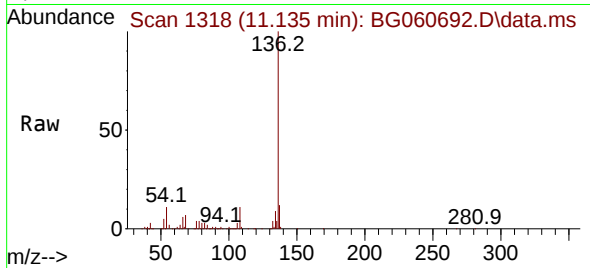




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.135 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

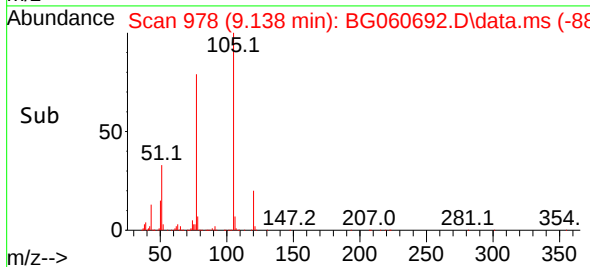
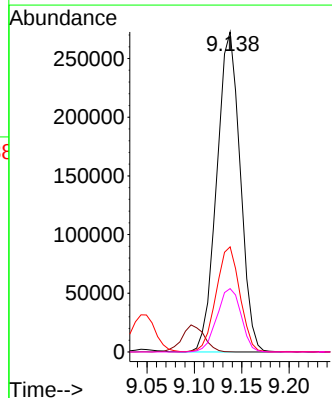
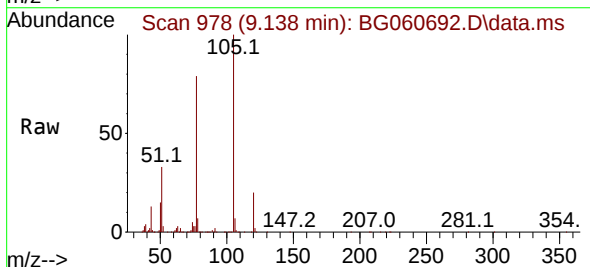
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

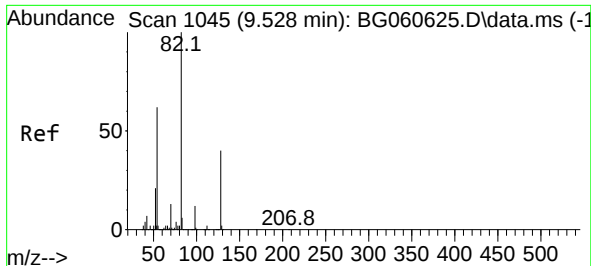
Tgt Ion:136 Resp: 381111
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 10.9 8.5 12.7
68 6.7 5.0 7.6



#22
Acetophenone
Concen: 45.874 ng
RT: 9.138 min Scan# 978
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:105 Resp: 468729
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 32.8 28.0 42.0
120 19.8 16.2 24.2

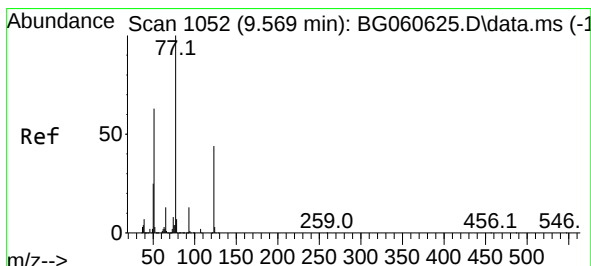
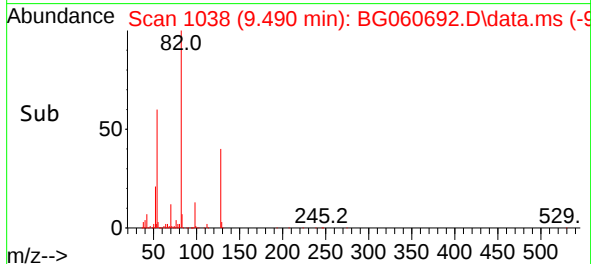
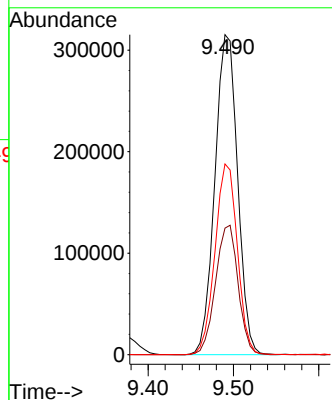
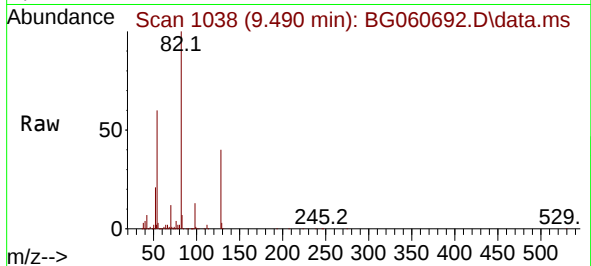




#23
Nitrobenzene-d5
Concen: 79.848 ng
RT: 9.490 min Scan# 1038
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

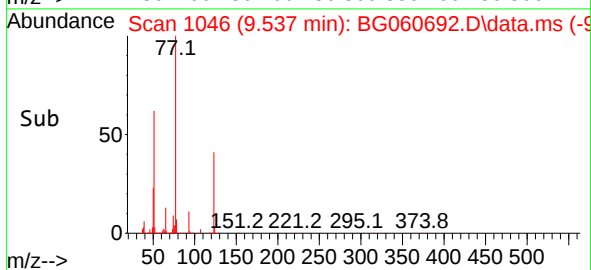
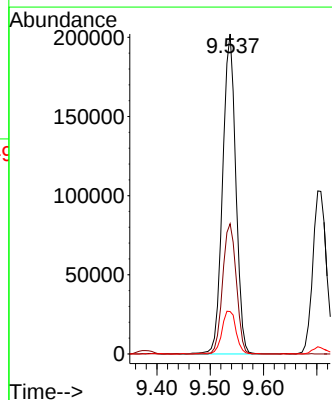
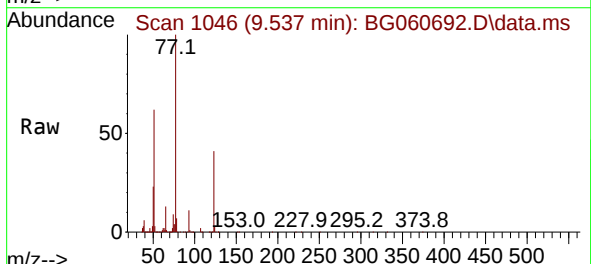
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

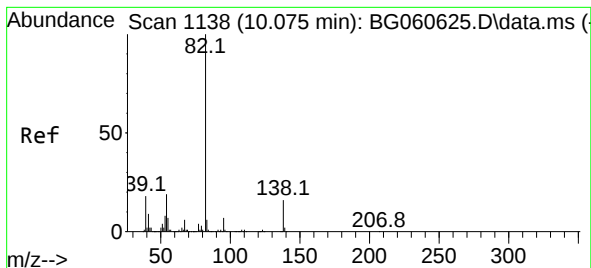
Tgt Ion: 82 Resp: 584718
Ion Ratio Lower Upper
82 100
128 39.6 31.6 47.4
54 59.6 49.3 73.9



#24
Nitrobenzene
Concen: 47.359 ng
RT: 9.537 min Scan# 1046
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion: 77 Resp: 346718
Ion Ratio Lower Upper
77 100
123 40.7 34.8 52.2
65 13.3 10.6 15.8





#25

Isophorone

Concen: 46.488 ng

RT: 10.042 min Scan# 1166

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMS

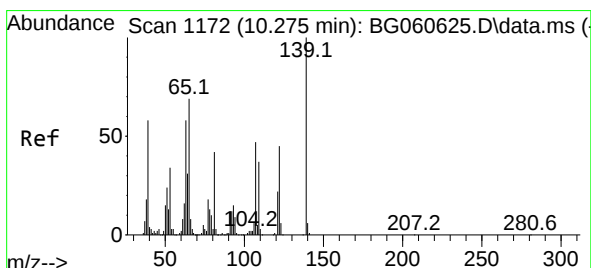
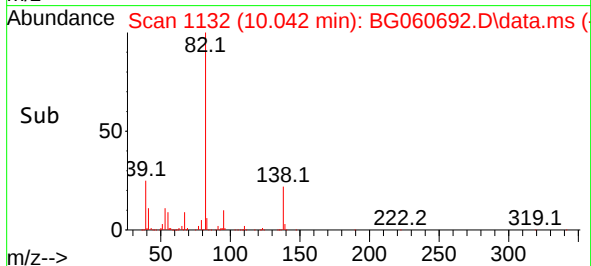
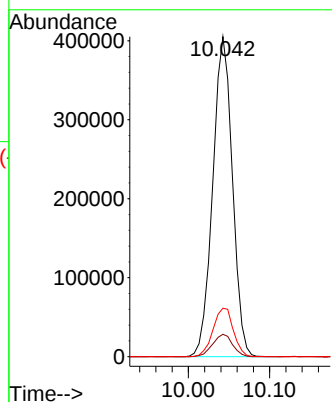
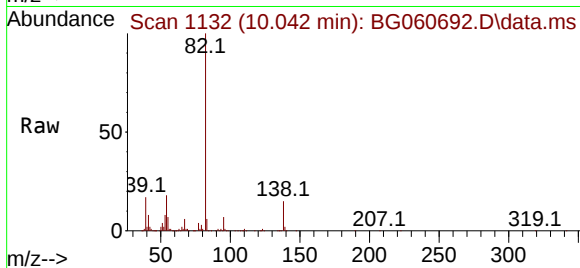
Tgt Ion: 82 Resp: 681354

Ion Ratio Lower Upper

82 100

95 7.0 6.0 9.0

138 15.1 13.0 19.6



#26

2-Nitrophenol

Concen: 50.669 ng

RT: 10.242 min Scan# 1166

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

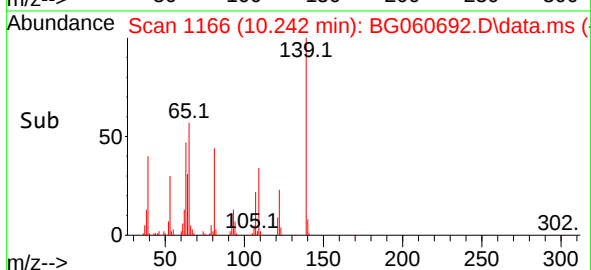
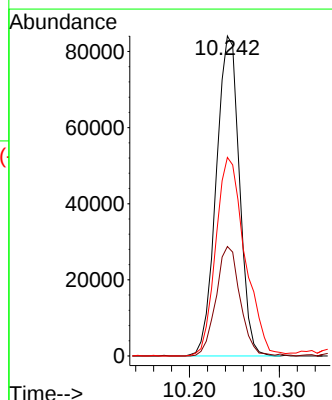
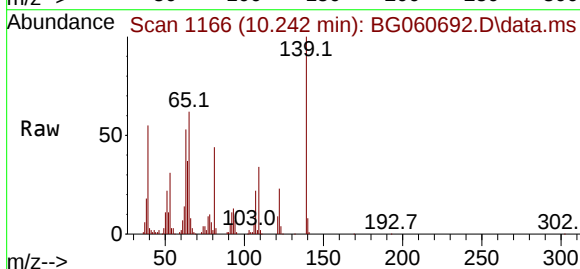
Tgt Ion:139 Resp: 150652

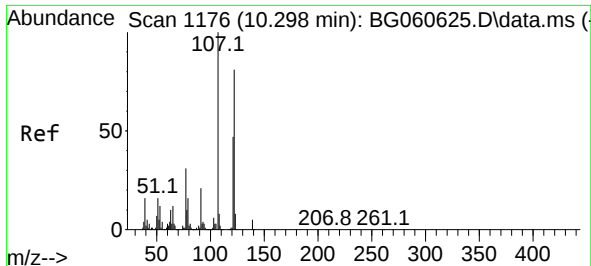
Ion Ratio Lower Upper

139 100

109 34.2 29.5 44.3

65 62.0 55.0 82.4

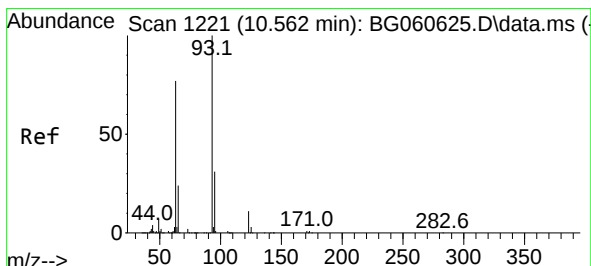
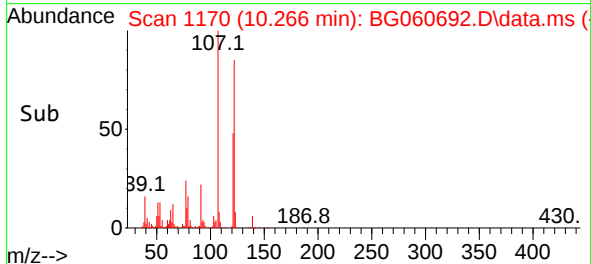
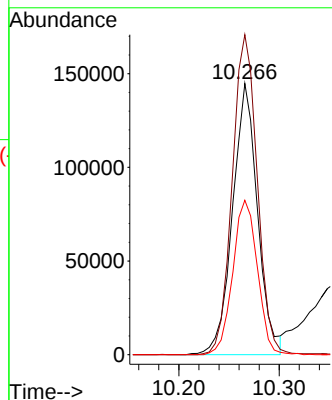
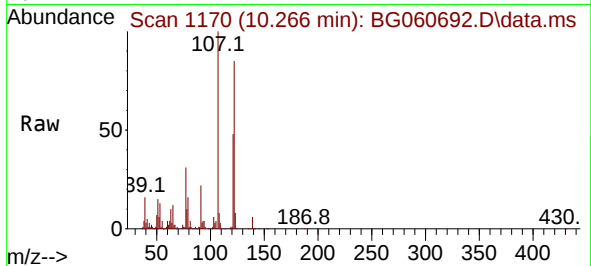




#27
2,4-Dimethylphenol
Concen: 38.734 ng
RT: 10.266 min Scan# 1170
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

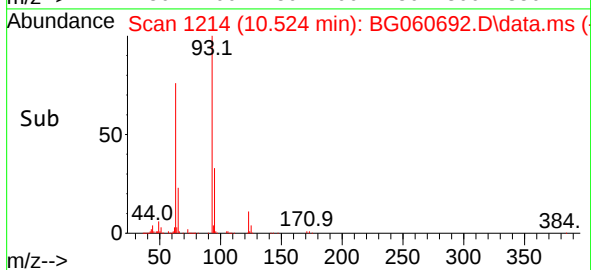
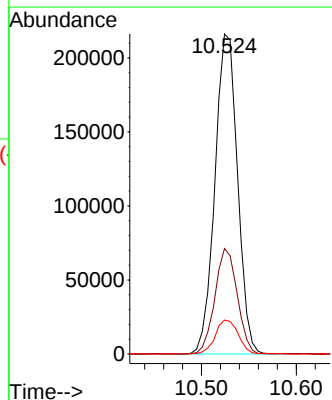
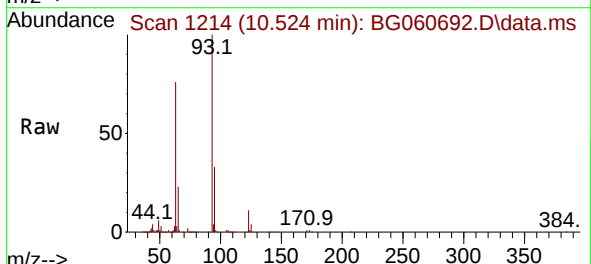
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

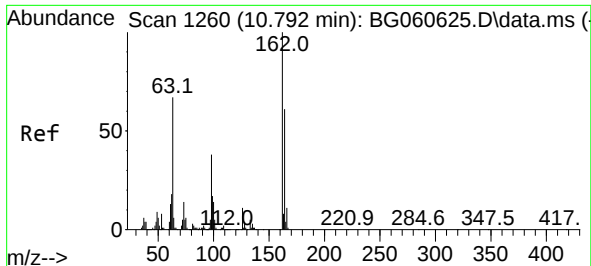
Tgt Ion:122 Resp: 251272
Ion Ratio Lower Upper
122 100
107 118.0 99.3 148.9
121 57.0 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 40.791 ng
RT: 10.524 min Scan# 1214
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion: 93 Resp: 358410
Ion Ratio Lower Upper
93 100
95 32.9 25.1 37.7
123 10.6 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 48.254 ng

RT: 10.765 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMS

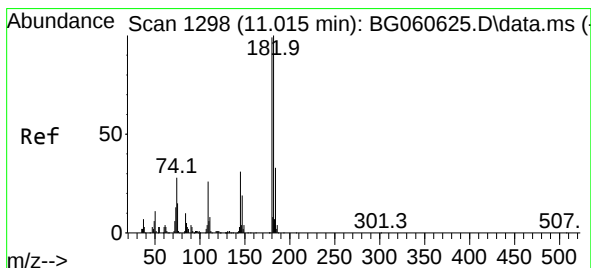
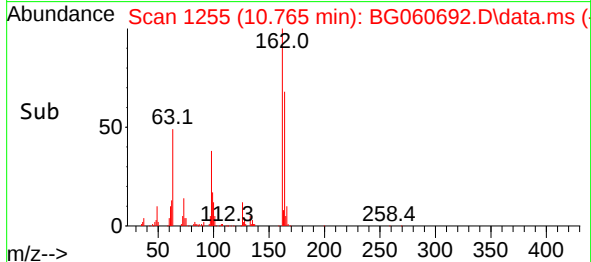
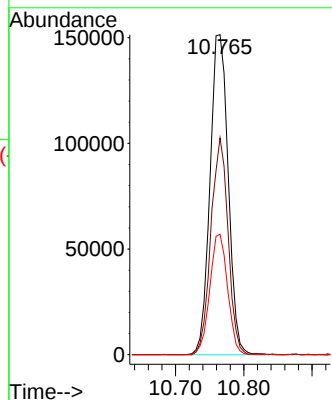
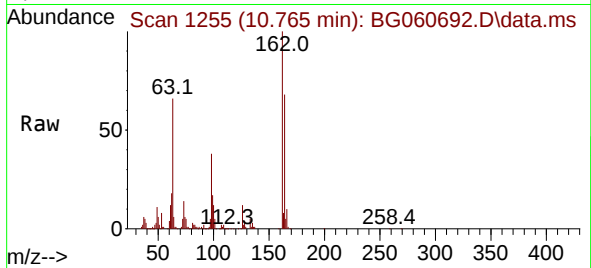
Tgt Ion:162 Resp: 280941

Ion Ratio Lower Upper

162 100

164 67.8 41.0 81.0

98 37.7 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 44.702 ng

RT: 10.982 min Scan# 1292

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

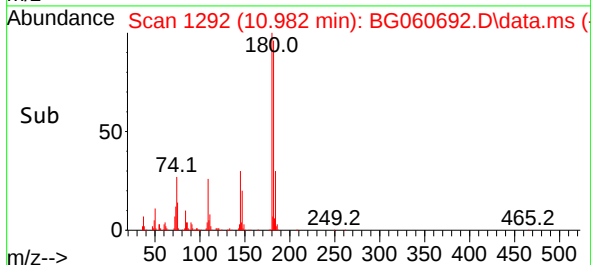
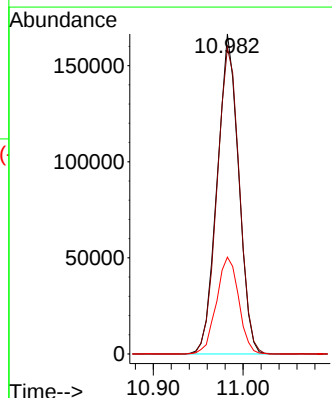
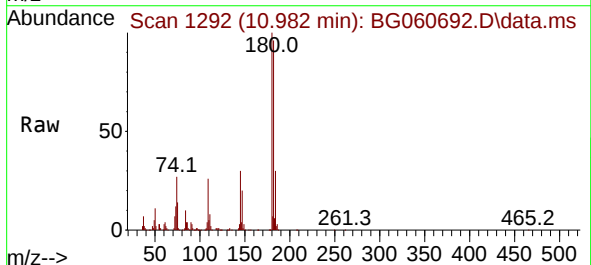
Tgt Ion:180 Resp: 276340

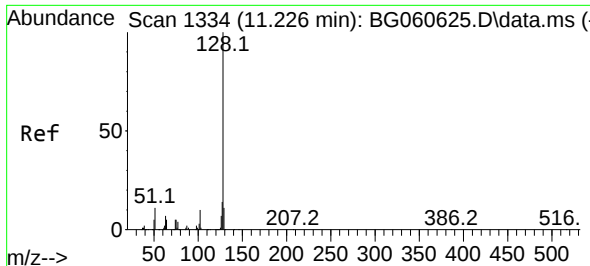
Ion Ratio Lower Upper

180 100

182 95.7 80.7 121.1

145 30.2 25.4 38.2

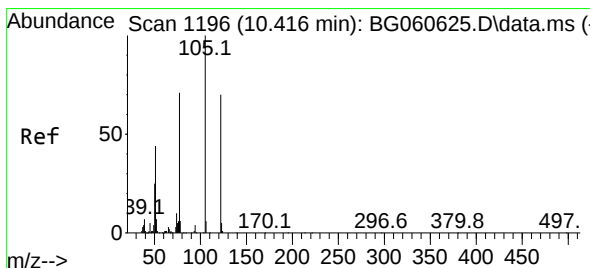
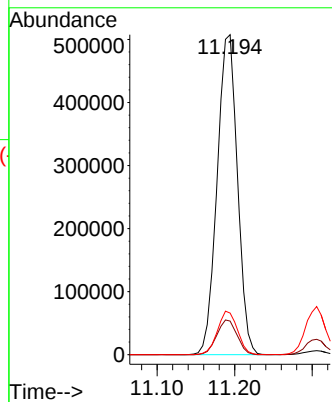
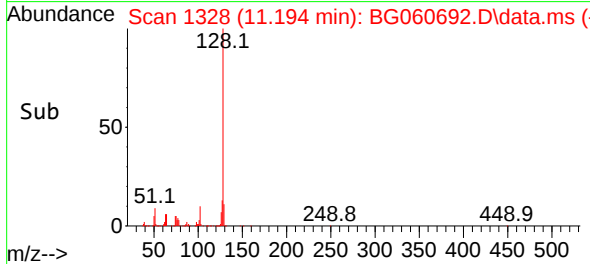
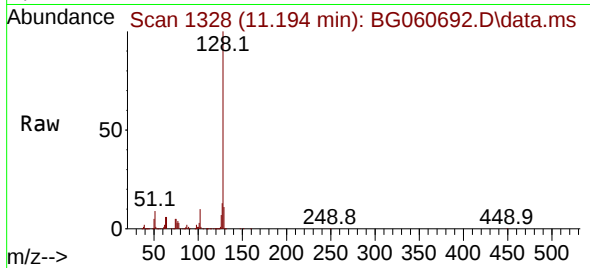




#31
Naphthalene
Concen: 43.366 ng
RT: 11.194 min Scan# 11194
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

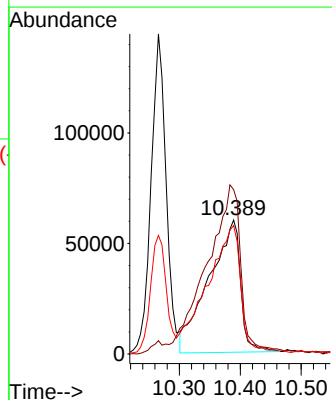
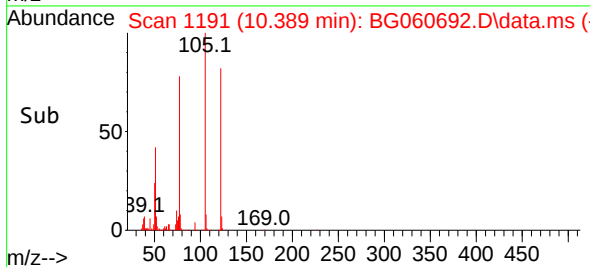
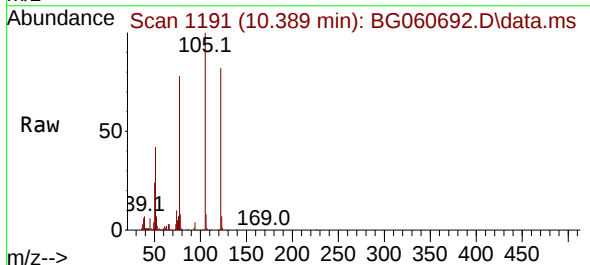
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

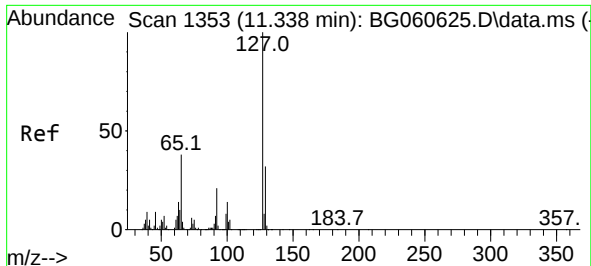
Tgt Ion:128 Resp: 923128
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.0 11.0 16.4



#32
Benzoic acid
Concen: 50.360 ng
RT: 10.389 min Scan# 1191
Delta R.T. 0.021 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:122 Resp: 216126
Ion Ratio Lower Upper
122 100
105 122.7 115.0 155.0
77 95.9 79.0 119.0

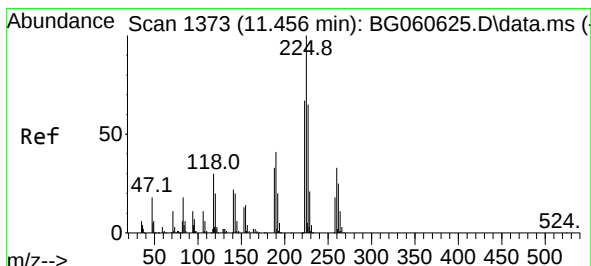
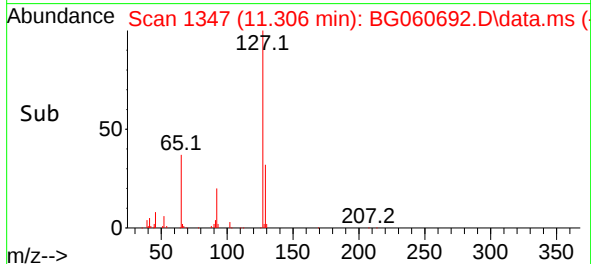
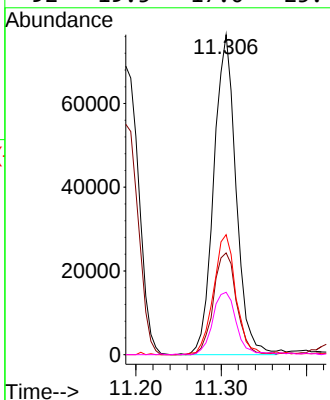
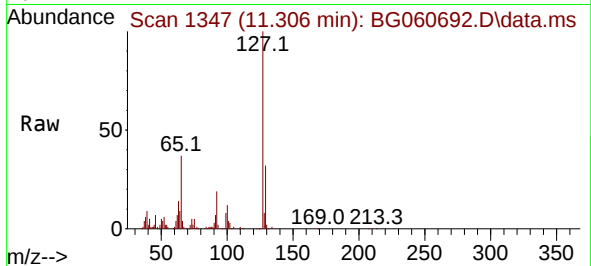




#33
4-Chloroaniline
Concen: 15.438 ng
RT: 11.306 min Scan# 1136
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

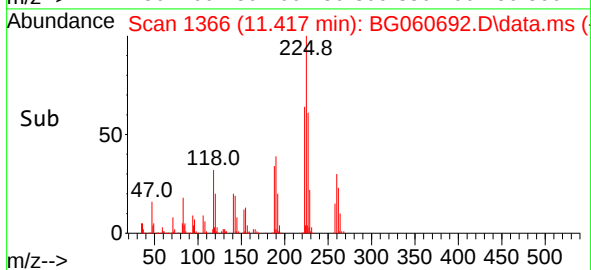
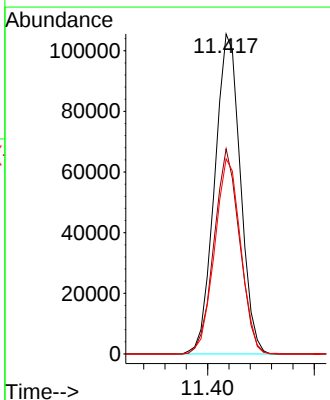
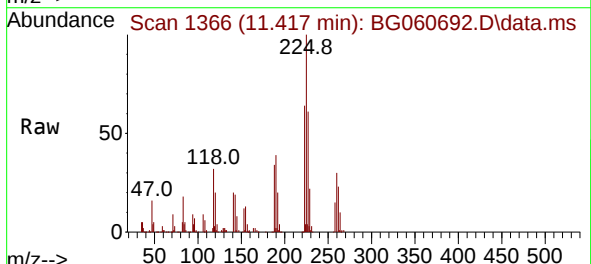
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

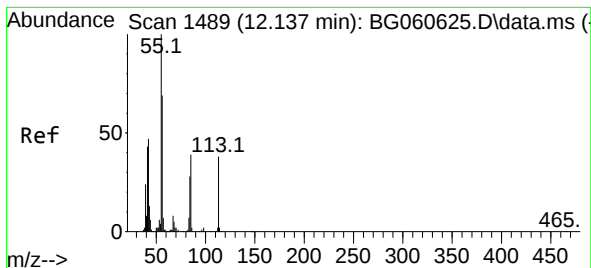
Tgt Ion:	127	Resp:	138579
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.6	38.4
65	37.5	30.2	45.4
92	19.5	17.0	25.4



#34
Hexachlorobutadiene
Concen: 41.893 ng
RT: 11.417 min Scan# 1366
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:	225	Resp:	176641
Ion	Ratio	Lower	Upper
225	100		
223	64.1	53.5	80.3
227	61.0	52.0	78.0

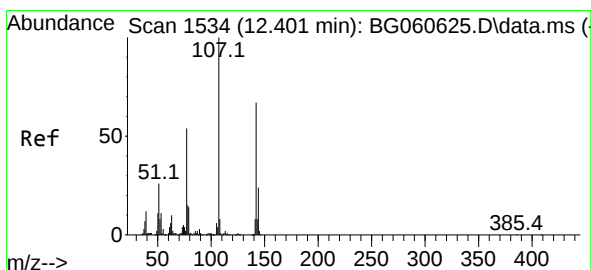
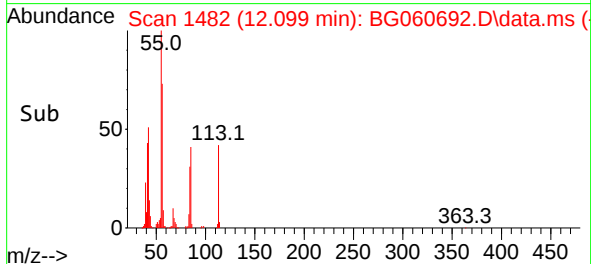
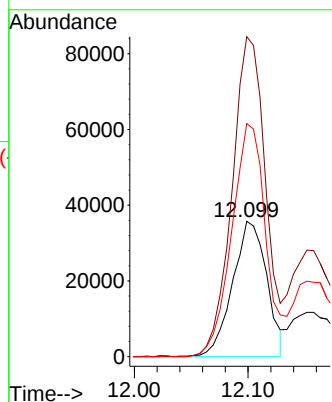
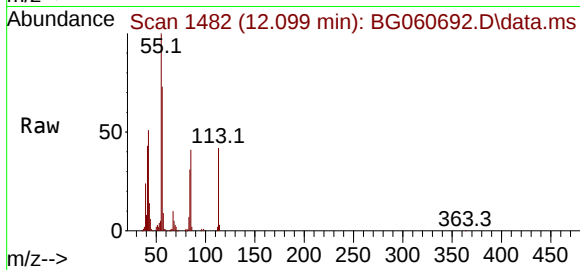




#35
Caprolactam
Concen: 38.018 ng
RT: 12.099 min Scan# 1489
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

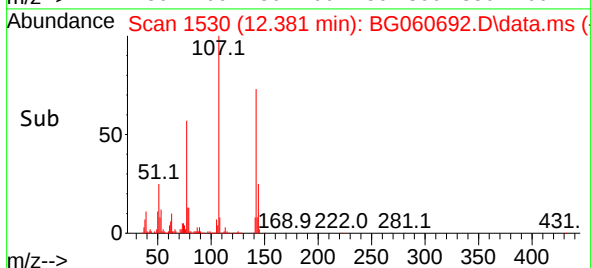
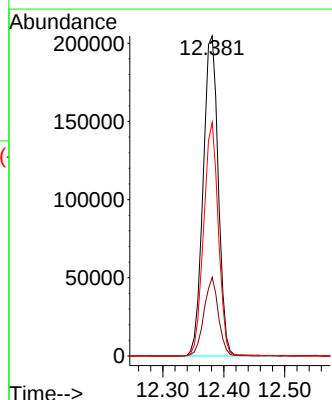
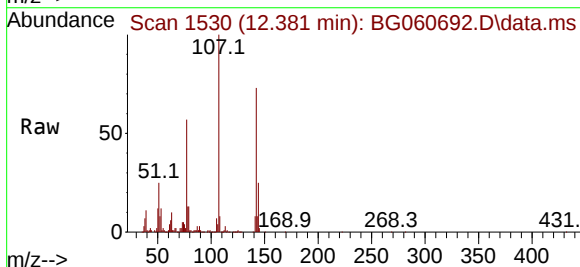
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

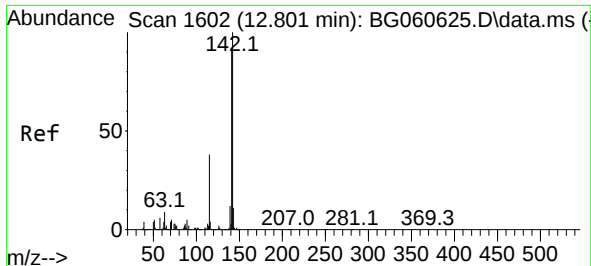
Tgt Ion:113 Resp: 74510
Ion Ratio Lower Upper
113 100
55 236.5 242.3 282.3#
56 172.3 162.1 202.1



#36
4-Chloro-3-methylphenol
Concen: 49.527 ng
RT: 12.381 min Scan# 1530
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:107 Resp: 353372
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.6
142 73.0 53.7 80.5





#37

2-Methylnaphthalene

Concen: 42.971 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMS

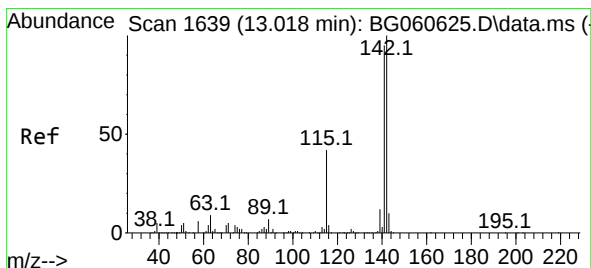
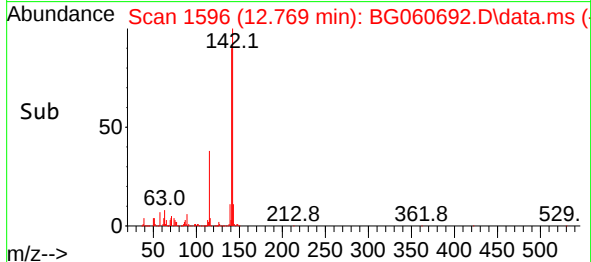
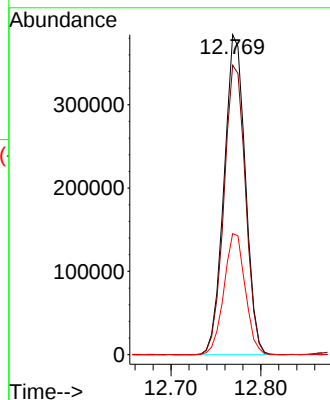
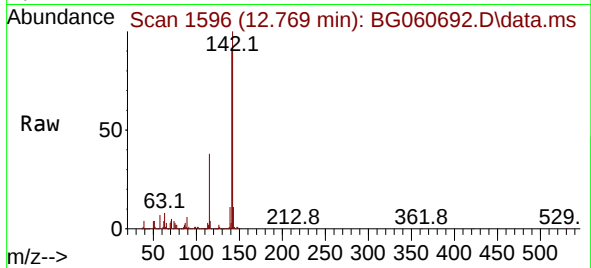
Tgt Ion:142 Resp: 631789

Ion Ratio Lower Upper

142 100

141 90.4 72.7 109.1

115 37.8 30.2 45.2



#38

1-Methylnaphthalene

Concen: 42.627 ng

RT: 12.986 min Scan# 1633

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

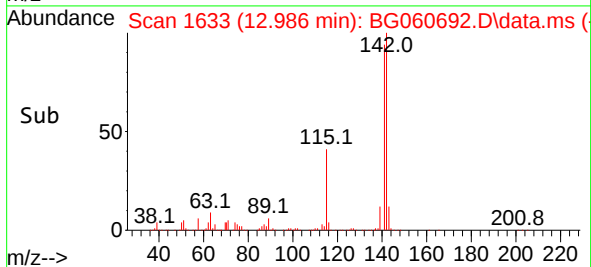
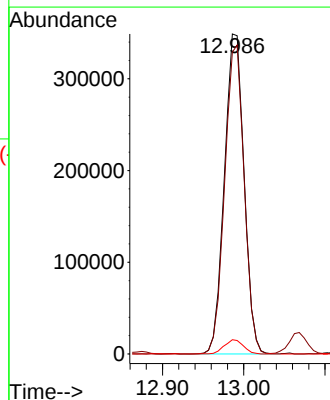
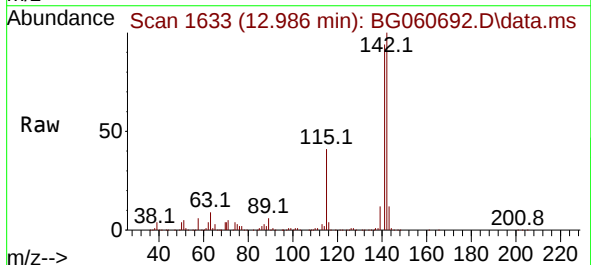
Tgt Ion:142 Resp: 588244

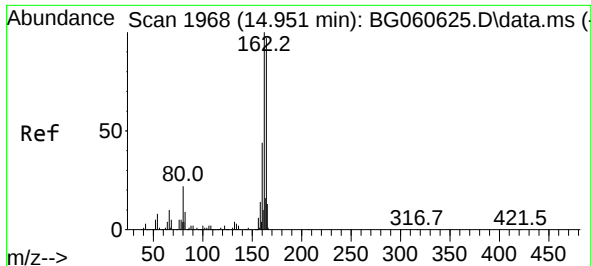
Ion Ratio Lower Upper

142 100

141 94.3 76.3 114.5

116 4.5 3.4 5.2

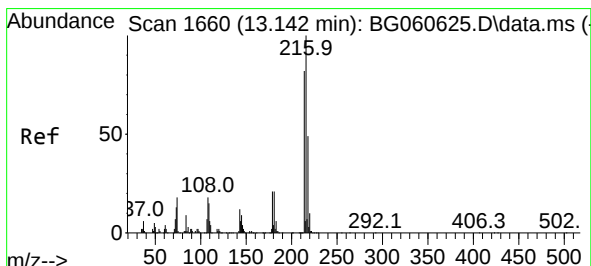
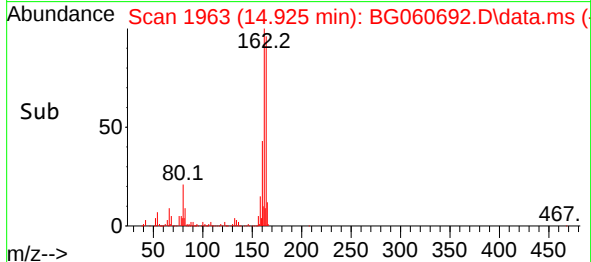
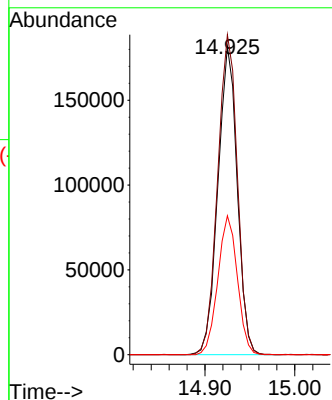
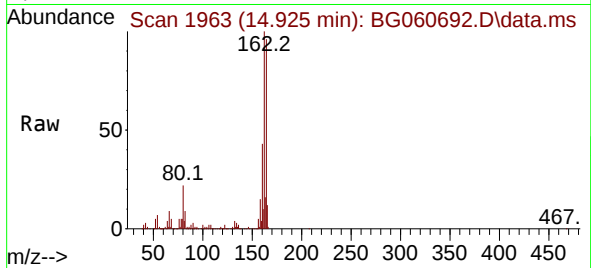




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.925 min Scan# 1963
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

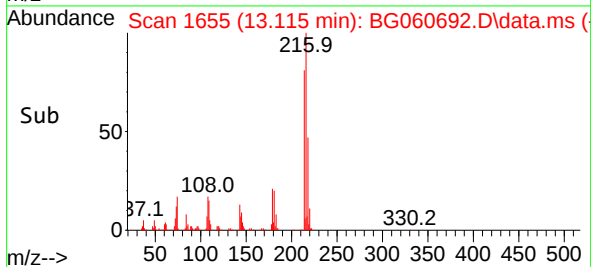
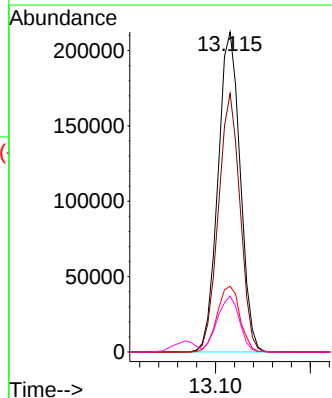
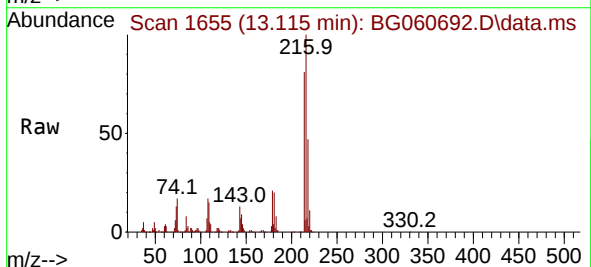
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

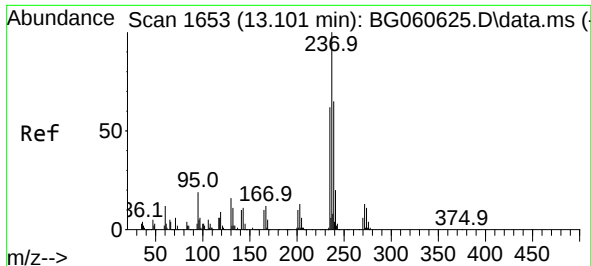
Tgt Ion:164 Resp: 271437
Ion Ratio Lower Upper
164 100
162 103.8 82.5 123.7
160 45.1 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.391 ng
RT: 13.115 min Scan# 1655
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:216 Resp: 345031
Ion Ratio Lower Upper
216 100
214 78.7 63.5 95.3
179 21.2 16.4 24.6
108 17.4 14.4 21.6

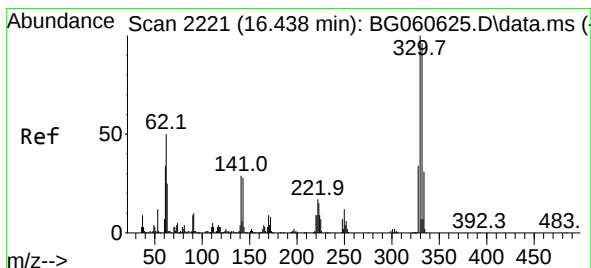
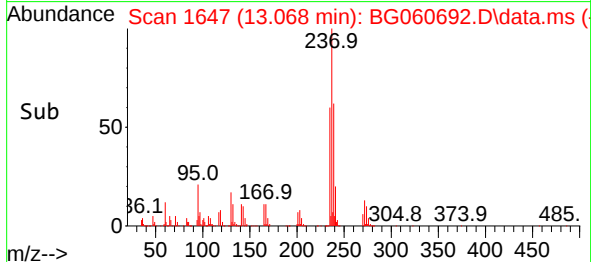
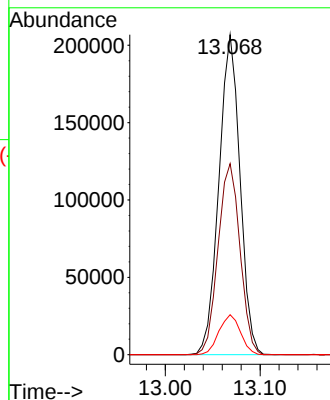
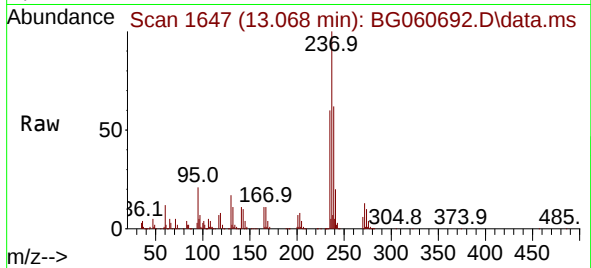




#41
Hexachlorocyclopentadiene
Concen: 78.011 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

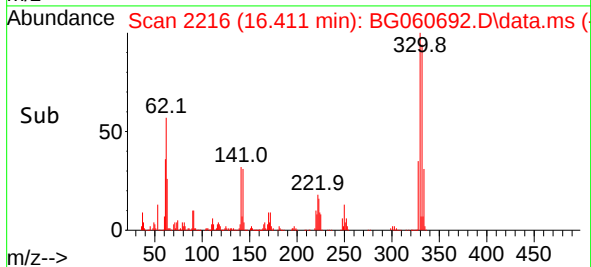
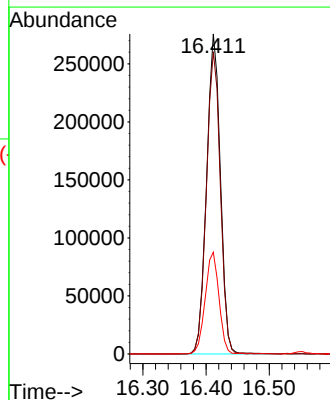
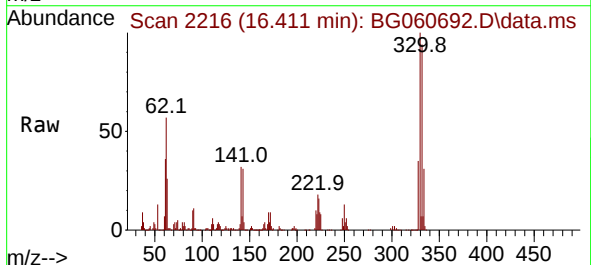
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

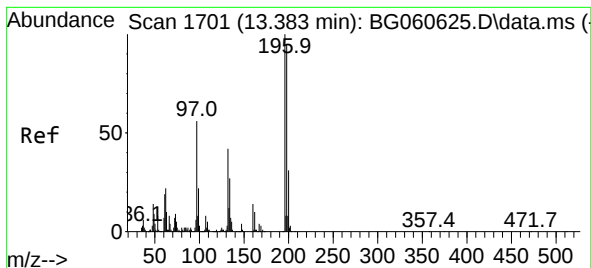
Tgt Ion:237 Resp: 319783
Ion Ratio Lower Upper
237 100
235 59.7 41.6 81.6
272 12.5 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 132.976 ng
RT: 16.411 min Scan# 2216
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:330 Resp: 418261
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 32.0 25.4 38.2

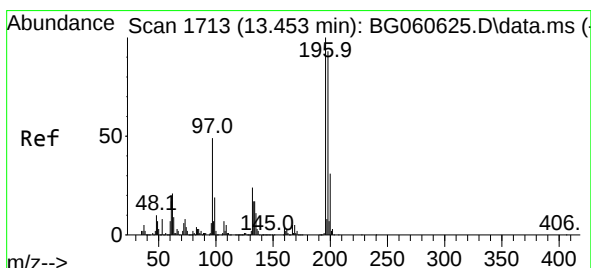
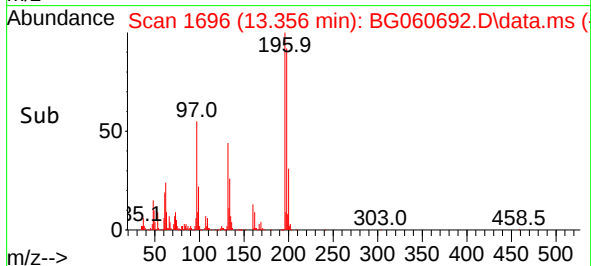
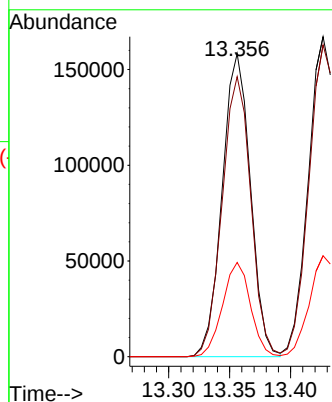
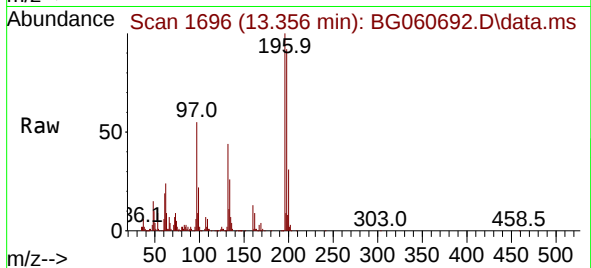




#43
2,4,6-Trichlorophenol
Concen: 47.646 ng
RT: 13.356 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

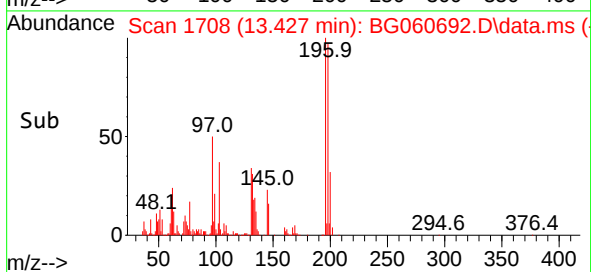
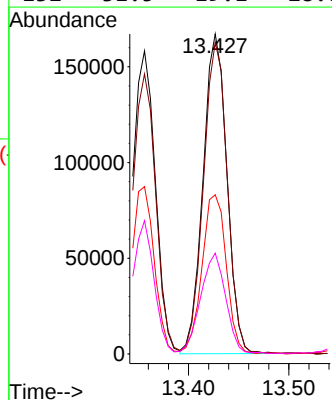
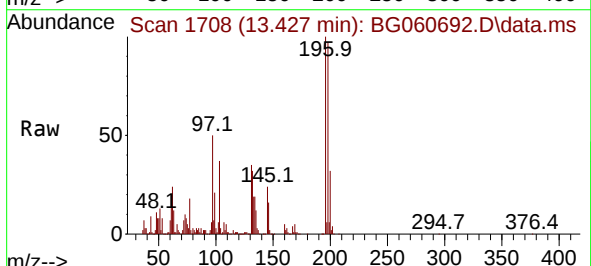
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

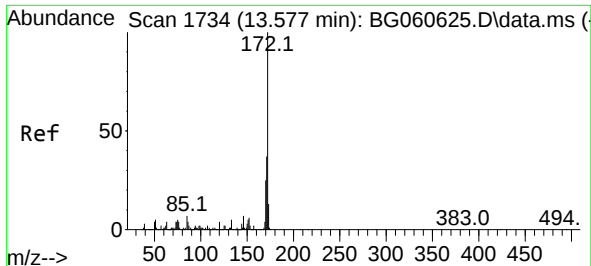
Tgt Ion:196 Resp: 255025
Ion Ratio Lower Upper
196 100
198 92.4 76.2 114.2
200 31.1 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 43.661 ng
RT: 13.427 min Scan# 1708
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:196 Resp: 276453
Ion Ratio Lower Upper
196 100
198 97.4 74.6 112.0
97 49.7 39.3 58.9
132 31.5 19.1 28.7#

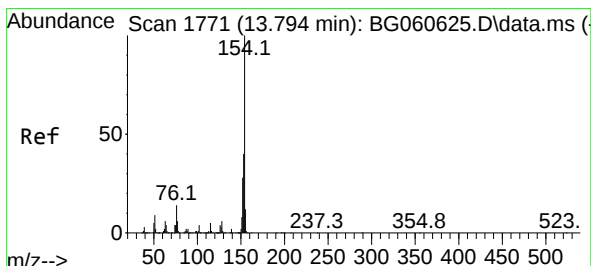
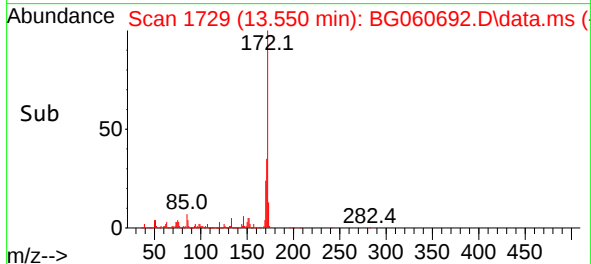
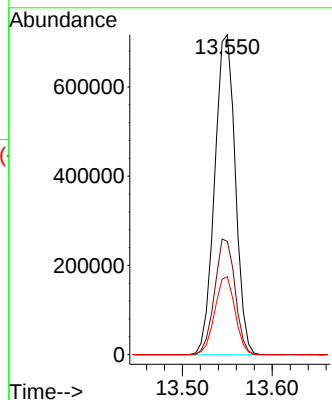
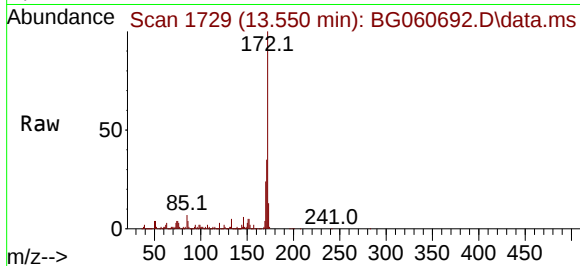




#45
2-Fluorobiphenyl
Concen: 56.940 ng
RT: 13.550 min Scan# 1729
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

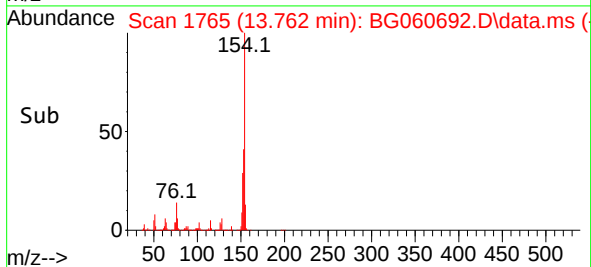
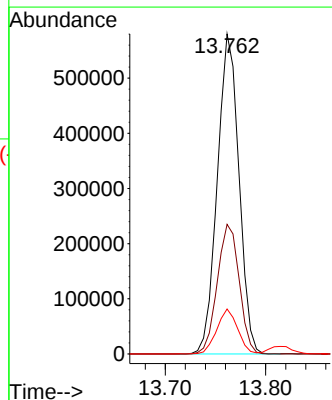
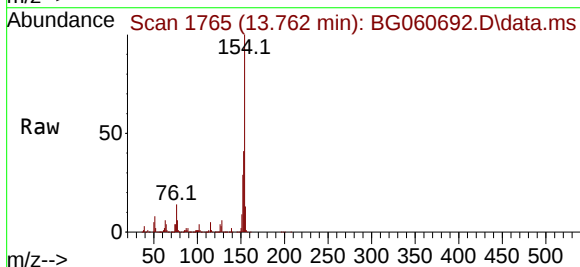
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

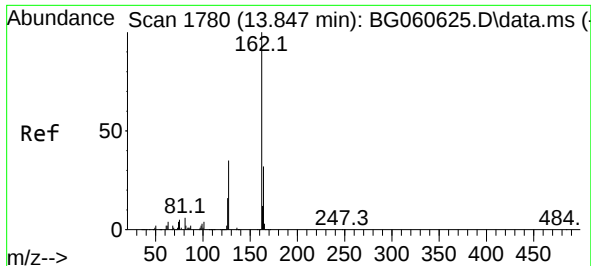
Tgt Ion:172 Resp: 1143130
Ion Ratio Lower Upper
172 100
171 35.4 29.9 44.9
170 24.4 19.8 29.6



#46
1,1'-Biphenyl
Concen: 41.968 ng
RT: 13.762 min Scan# 1765
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:154 Resp: 865893
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 14.0 0.0 34.3

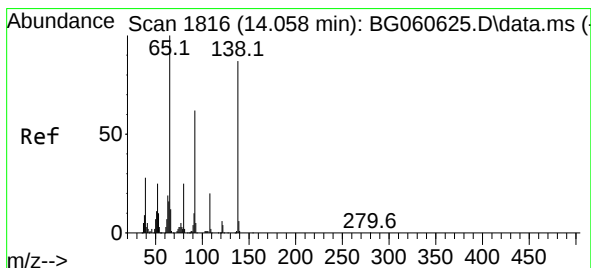
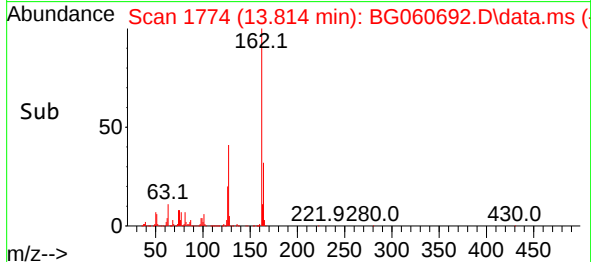
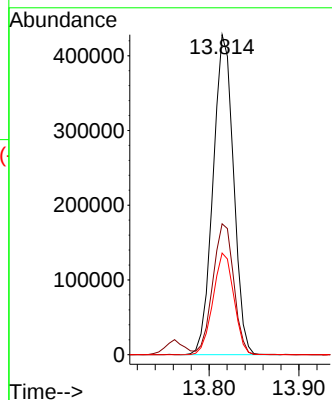
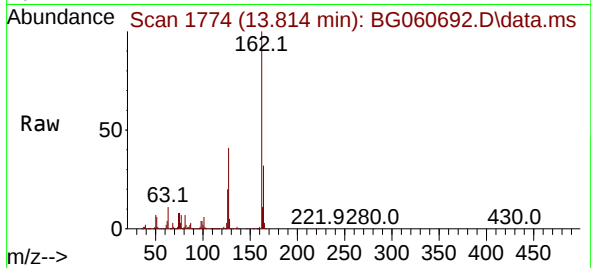




#47
2-Chloronaphthalene
Concen: 43.531 ng
RT: 13.814 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

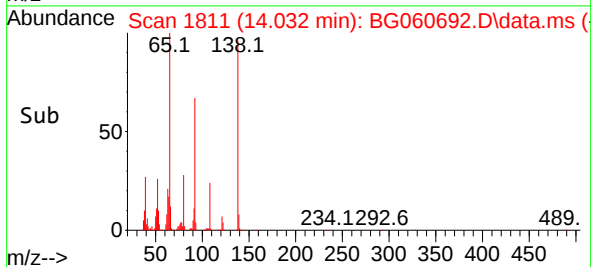
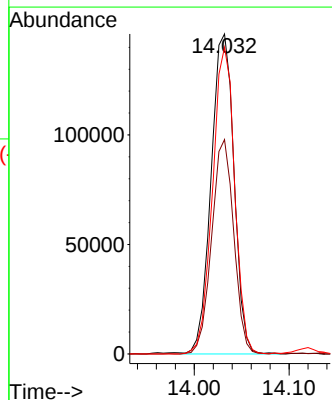
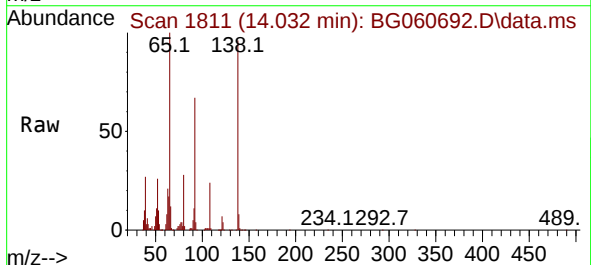
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

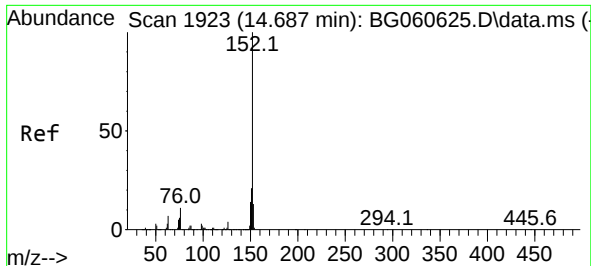
Tgt Ion:162 Resp: 677831
Ion Ratio Lower Upper
162 100
127 40.9 30.8 46.2
164 31.8 25.8 38.6



#48
2-Nitroaniline
Concen: 47.744 ng
RT: 14.032 min Scan# 1811
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion: 65 Resp: 245366
Ion Ratio Lower Upper
65 100
92 67.0 49.8 74.6
138 95.8 69.8 104.8

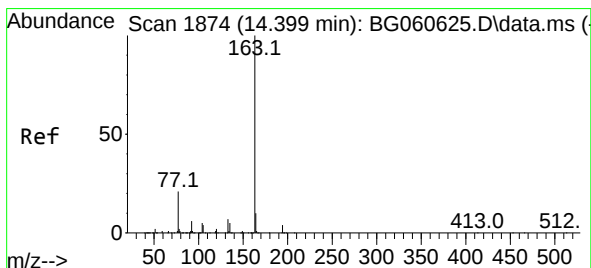
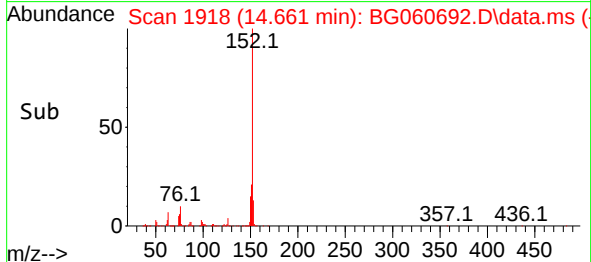
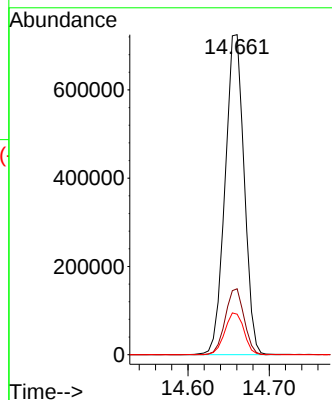
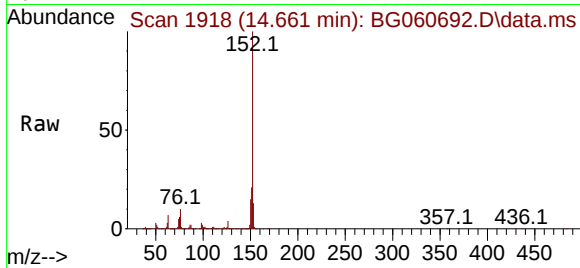




#49
Acenaphthylene
Concen: 46.671 ng
RT: 14.661 min Scan# 1918
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

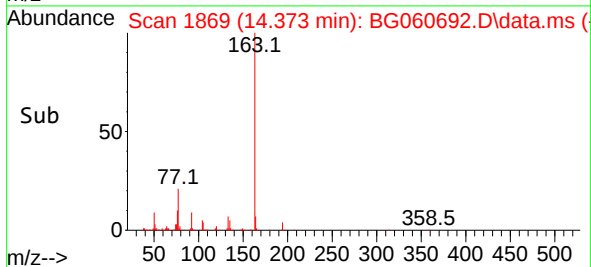
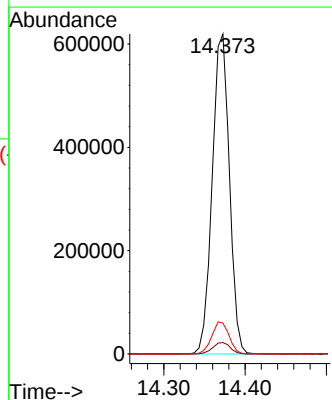
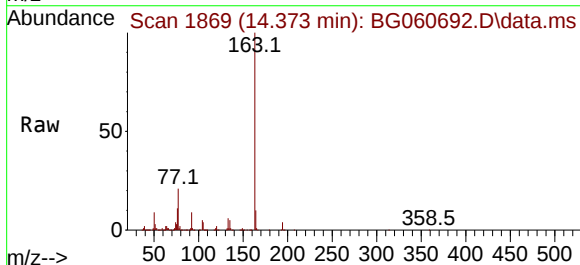
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

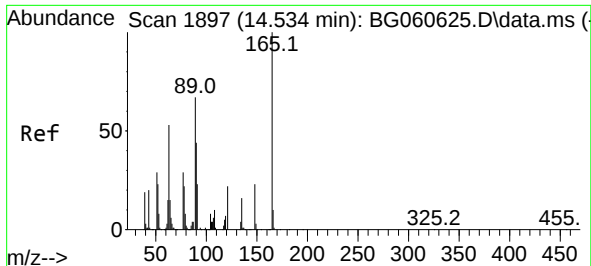
Tgt Ion:152 Resp: 1183886
Ion Ratio Lower Upper
152 100
151 20.6 17.1 25.7
153 12.7 10.3 15.5



#50
Dimethylphthalate
Concen: 44.582 ng
RT: 14.373 min Scan# 1869
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:163 Resp: 907575
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 9.7 7.6 11.4

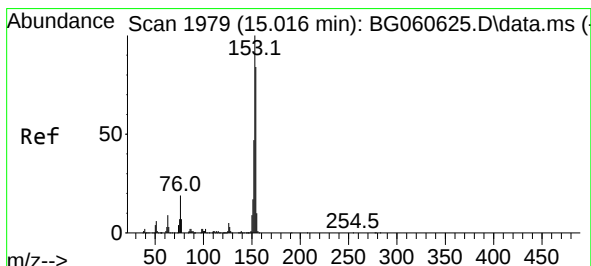
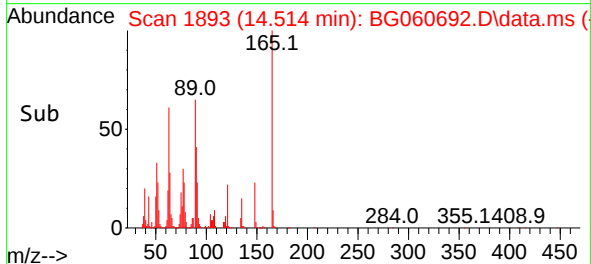
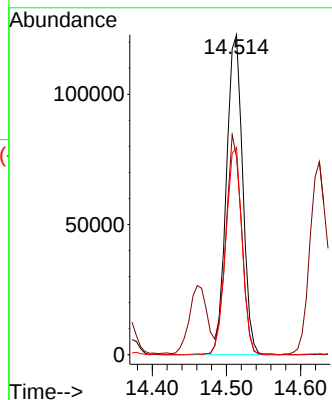
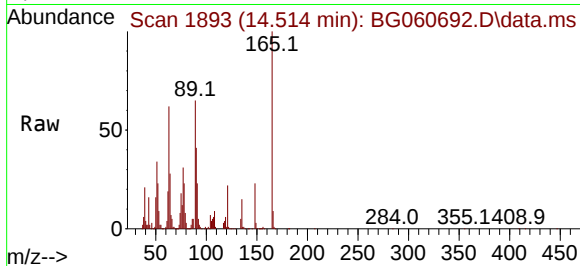




#51
2,6-Dinitrotoluene
Concen: 49.824 ng
RT: 14.514 min Scan# 1893
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

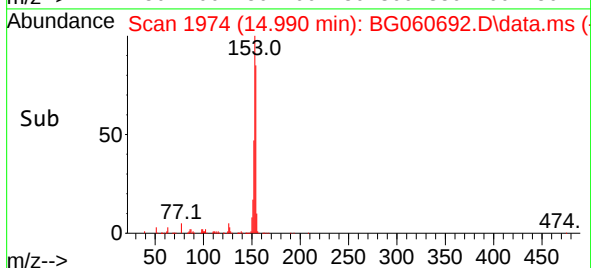
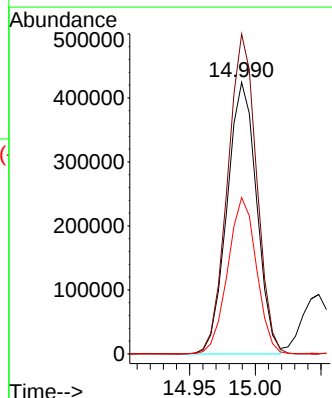
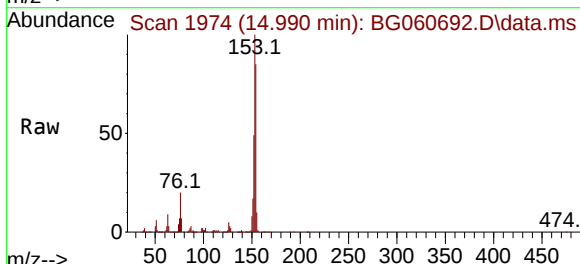
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

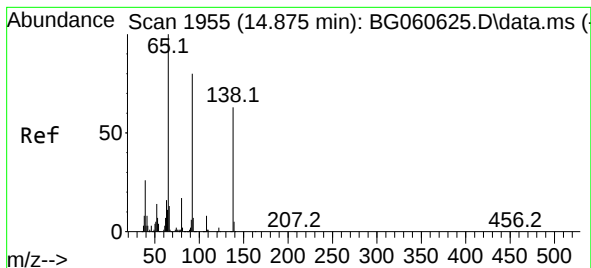
Tgt Ion:165 Resp: 186892
Ion Ratio Lower Upper
165 100
63 61.7 55.8 83.6
89 64.8 54.1 81.1



#52
Acenaphthene
Concen: 43.922 ng
RT: 14.990 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:154 Resp: 665775
Ion Ratio Lower Upper
154 100
153 117.8 94.8 142.2
152 57.6 44.8 67.2

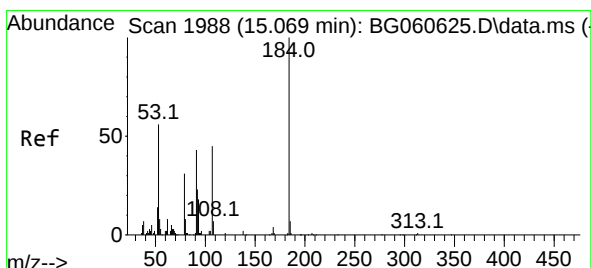
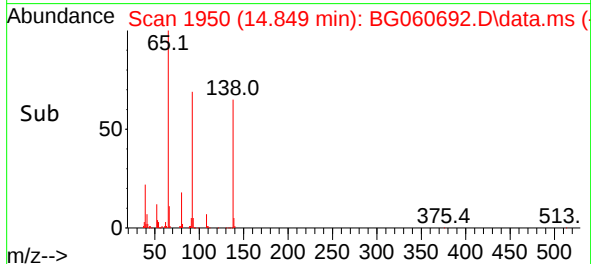
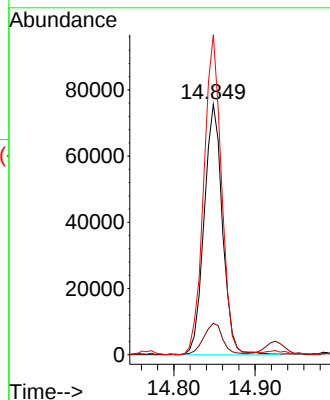
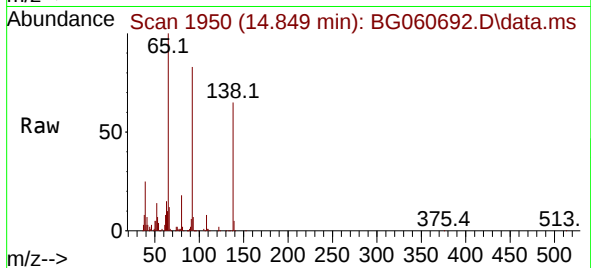




#53
3-Nitroaniline
Concen: 27.368 ng
RT: 14.849 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

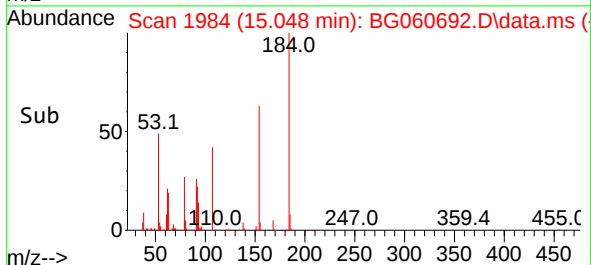
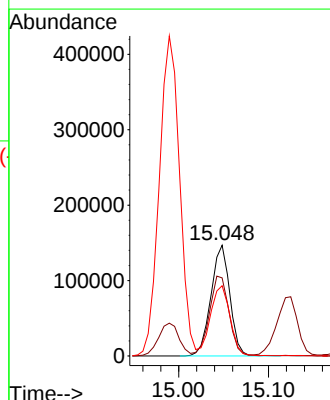
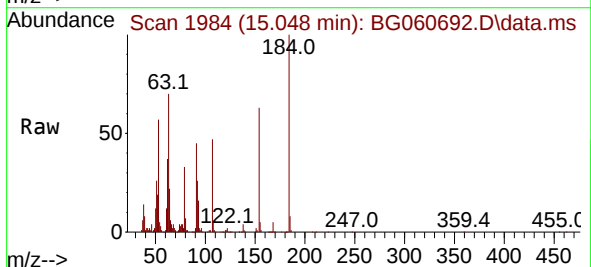
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

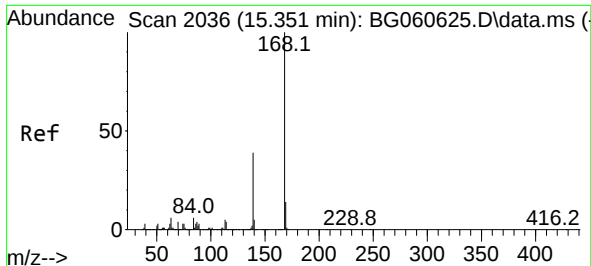
Tgt Ion:138 Resp: 118204
Ion Ratio Lower Upper
138 100
108 12.5 9.8 14.8
92 127.8 101.0 151.6



#54
2,4-Dinitrophenol
Concen: 109.034 ng
RT: 15.048 min Scan# 1984
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:184 Resp: 214598
Ion Ratio Lower Upper
184 100
63 70.5 54.4 81.6
154 63.4 50.4 75.6

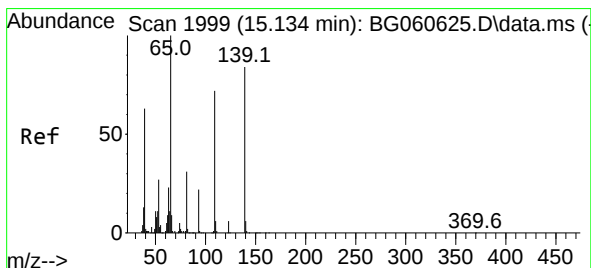
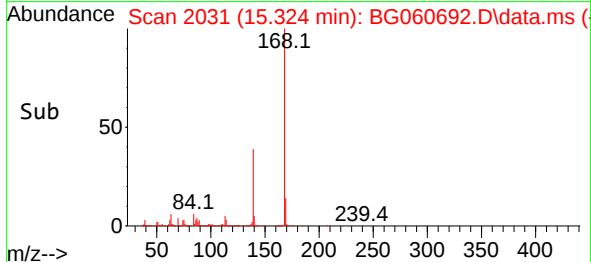
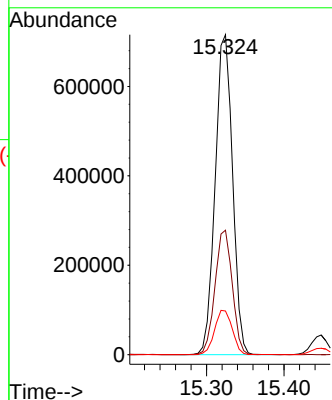
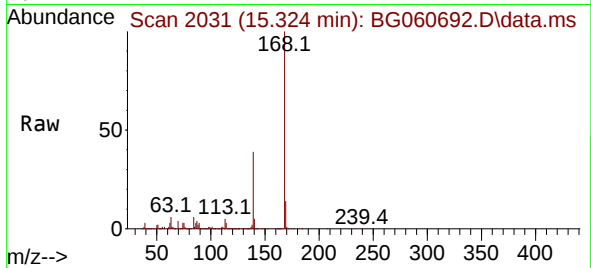




#55
Dibenzenofuran
Concen: 45.290 ng
RT: 15.324 min Scan# 2036
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

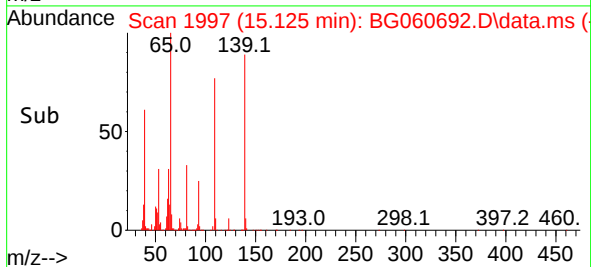
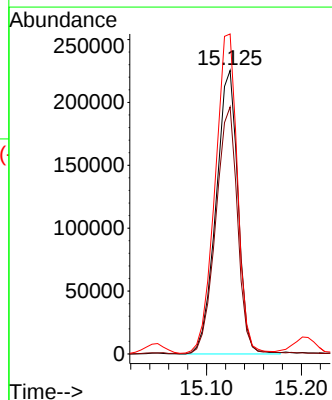
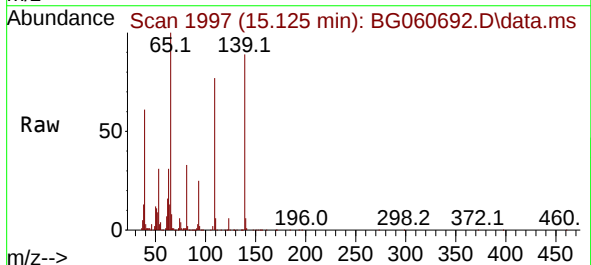
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

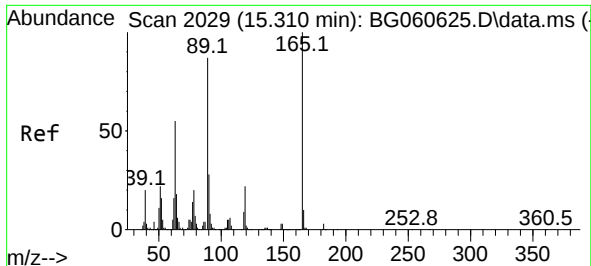
Tgt Ion:168 Resp: 1111553
Ion Ratio Lower Upper
168 100
139 38.9 30.9 46.3
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 112.555 ng
RT: 15.125 min Scan# 1997
Delta R.T. 0.009 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:139 Resp: 362747
Ion Ratio Lower Upper
139 100
109 87.1 66.1 106.1
65 112.9 99.7 139.7





#57

2,4-Dinitrotoluene

Concen: 56.513 ng

RT: 15.289 min Scan# 20

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMS

Tgt Ion:165 Resp: 266673

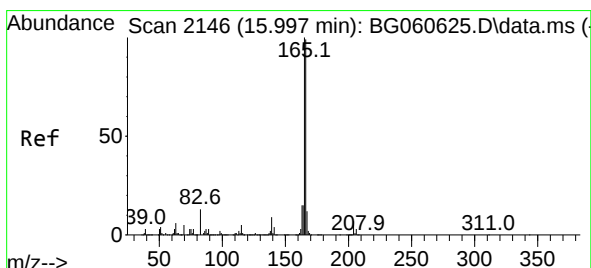
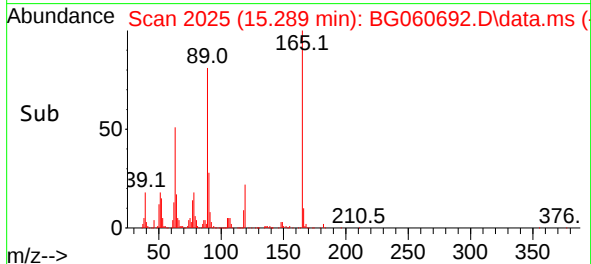
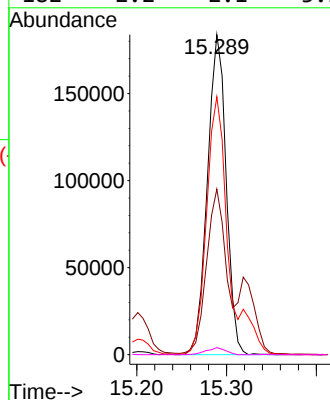
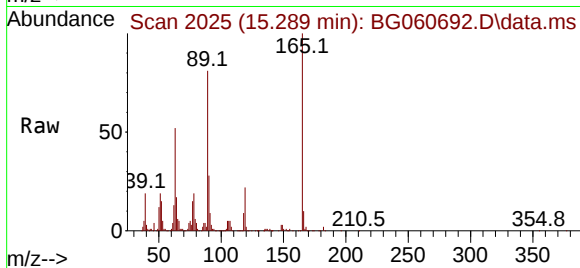
Ion Ratio Lower Upper

165 100

63 51.7 44.1 66.1

89 80.6 69.7 104.5

182 2.2 2.1 3.1



#58

Fluorene

Concen: 46.330 ng

RT: 15.971 min Scan# 2141

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

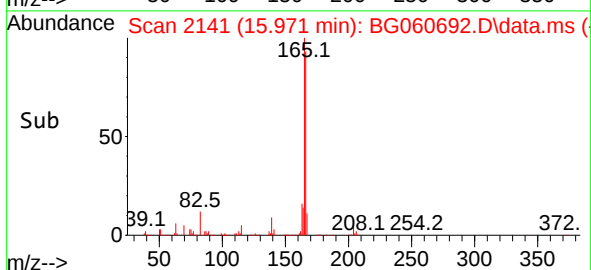
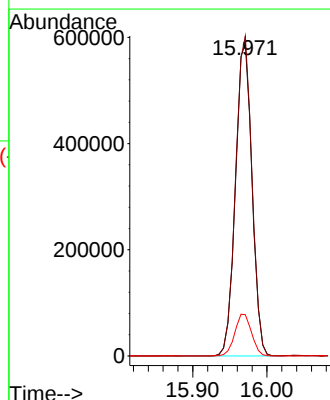
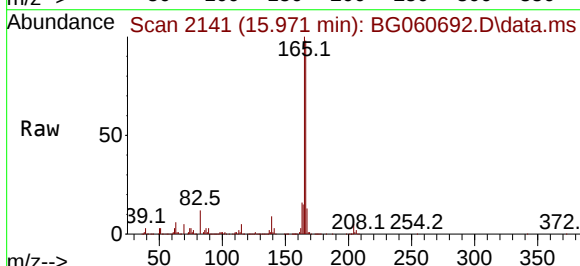
Tgt Ion:166 Resp: 909748

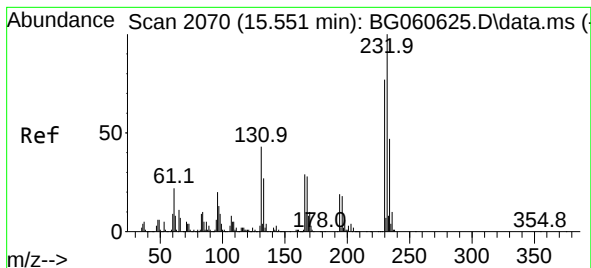
Ion Ratio Lower Upper

166 100

165 102.5 80.5 120.7

167 13.2 9.9 14.9



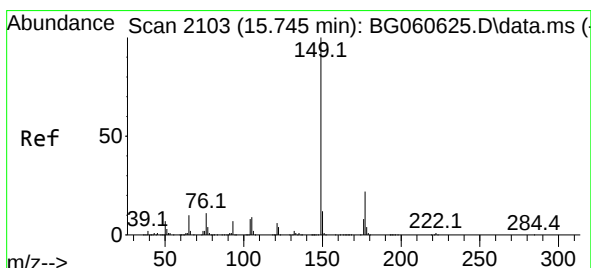
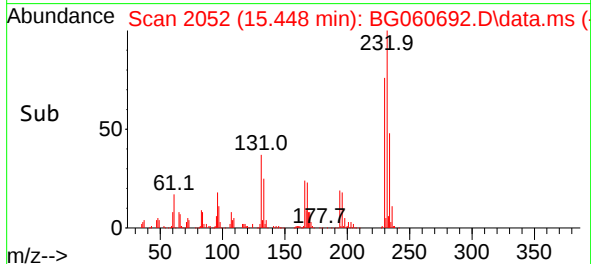
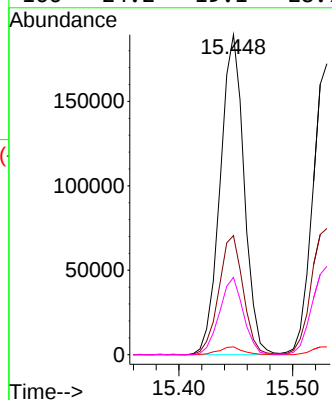
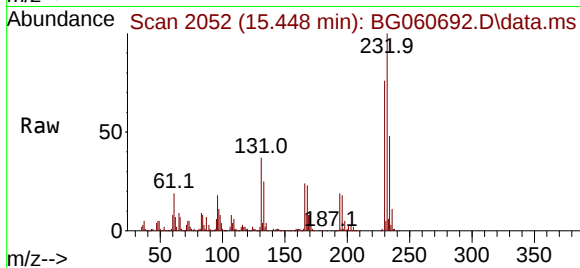


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.322 ng
RT: 15.448 min Scan# 2052
Delta R.T. -0.079 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

Tgt Ion:232 Resp: 276283

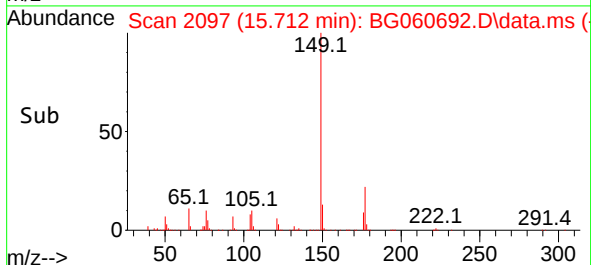
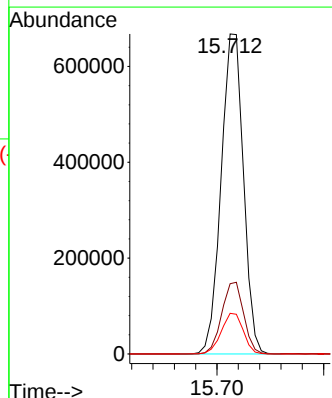
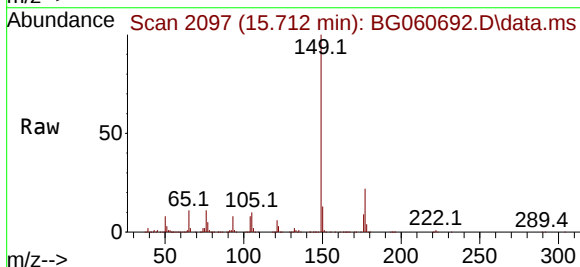
Ion	Ratio	Lower	Upper
232	100		
131	38.1	31.2	46.8
130	2.4	2.1	3.1
166	24.2	19.1	28.7

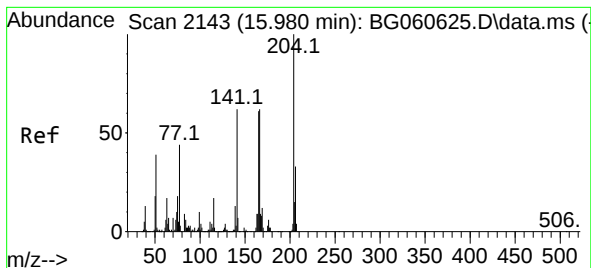


#60
Diethylphthalate
Concen: 46.269 ng
RT: 15.712 min Scan# 2097
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:149 Resp: 969160

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.7	9.8	14.6

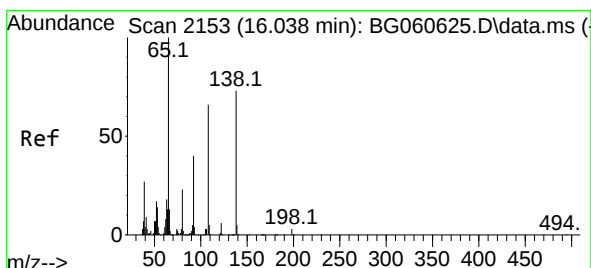
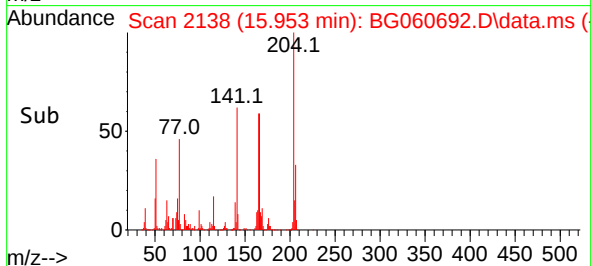
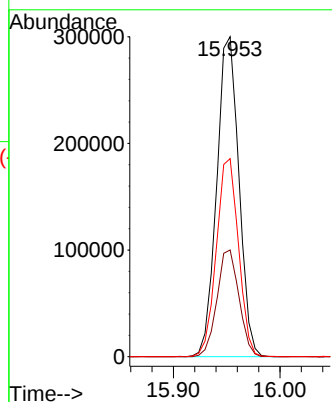
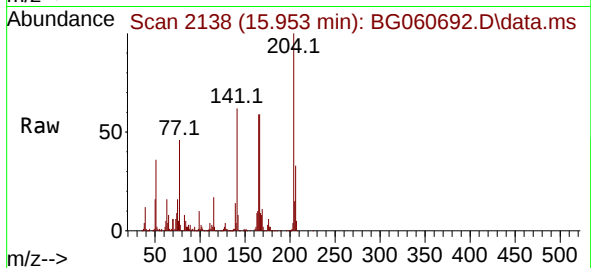




#61
4-Chlorophenyl-phenylether
Concen: 43.557 ng
RT: 15.953 min Scan# 2143
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

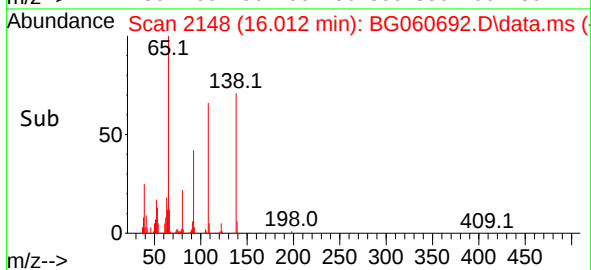
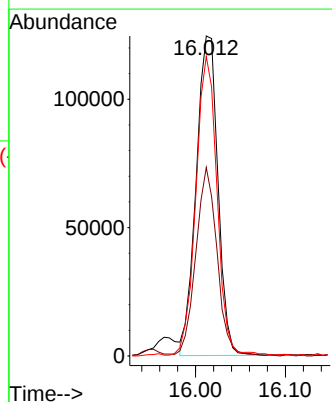
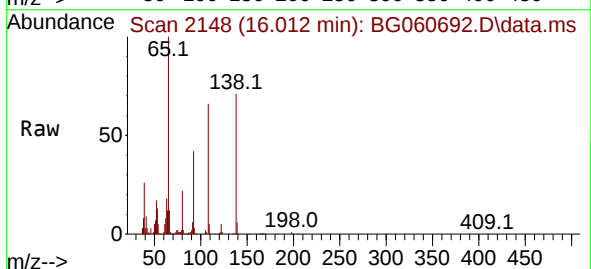
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

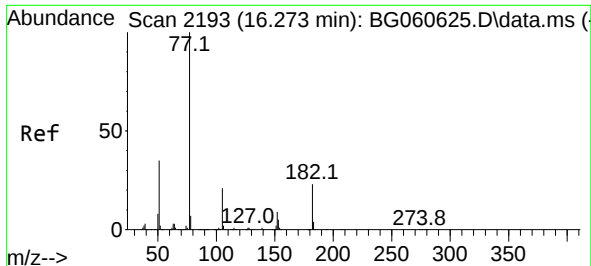
Tgt Ion:204 Resp: 433240
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 61.9 49.4 74.2



#62
4-Nitroaniline
Concen: 47.339 ng
RT: 16.012 min Scan# 2148
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:138 Resp: 209369
Ion Ratio Lower Upper
138 100
92 58.9 35.4 75.4
108 93.6 70.8 110.8



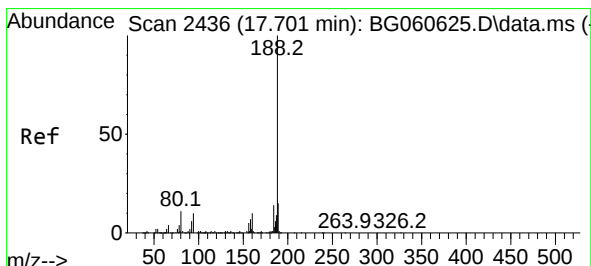
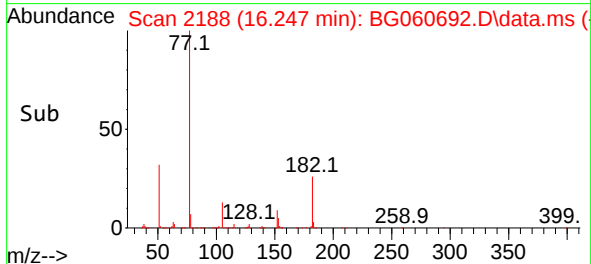
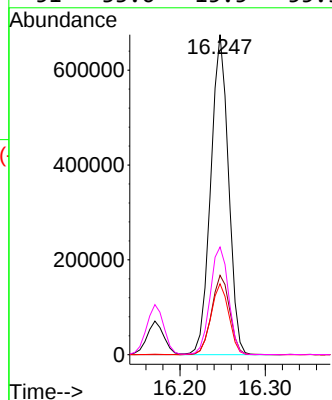
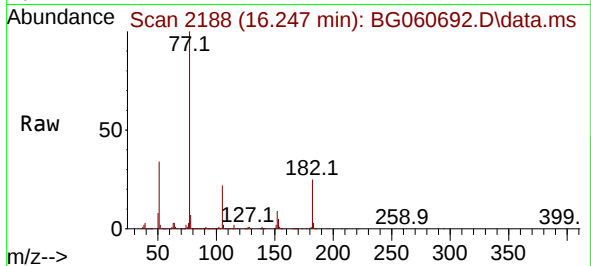


#63
Azobenzene
Concen: 44.940 ng
RT: 16.247 min Scan# 2193
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

Tgt Ion: 77 Resp: 974165

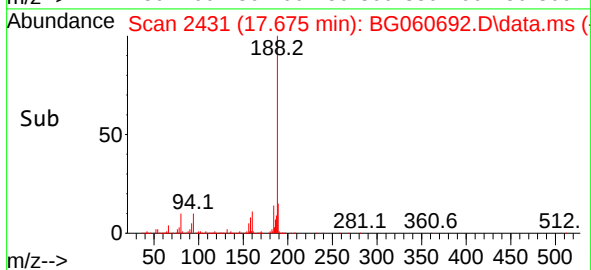
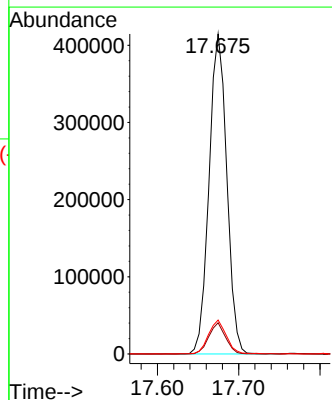
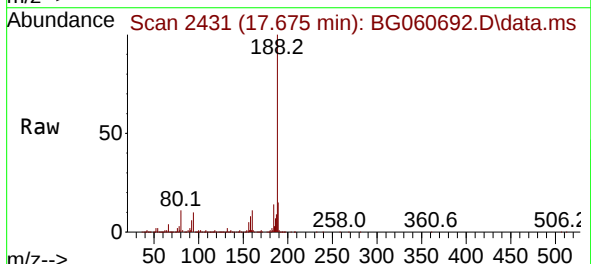
Ion	Ratio	Lower	Upper
77	100		
182	24.8	3.4	43.4
105	22.2	0.5	40.5
51	33.6	15.5	55.5

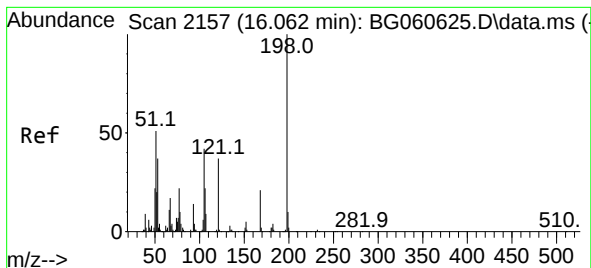


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.675 min Scan# 2431
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion: 188 Resp: 628549

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.9	11.9
80	10.6	8.6	13.0

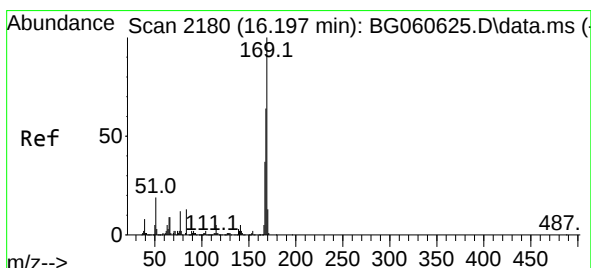
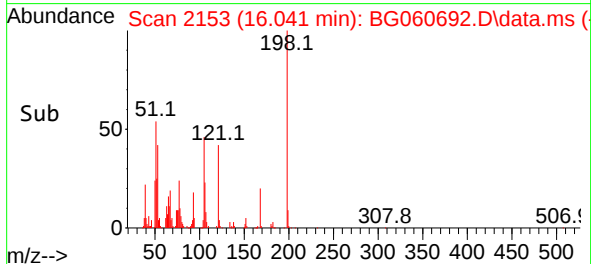
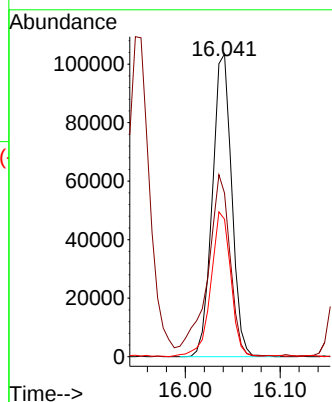
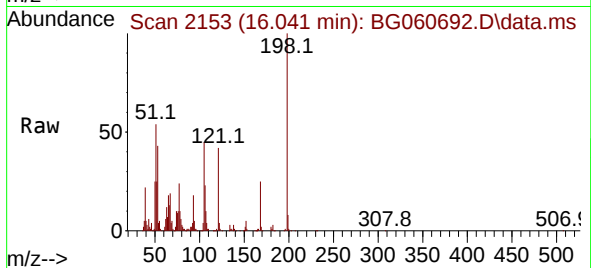




#65
4,6-Dinitro-2-methylphenol
Concen: 51.427 ng
RT: 16.041 min Scan# 2157
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

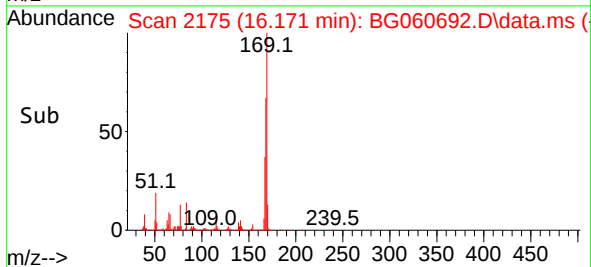
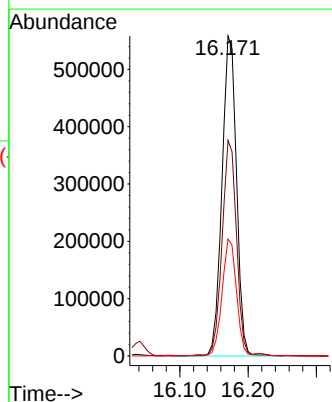
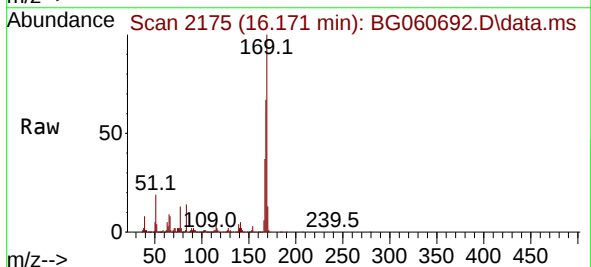
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

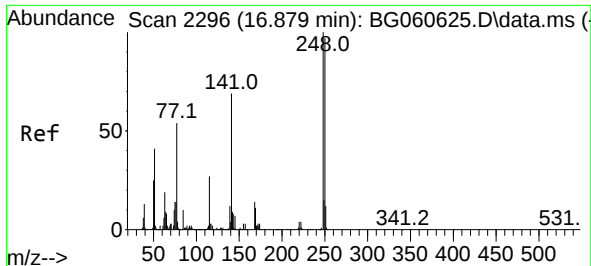
Tgt Ion:198 Resp: 147152
Ion Ratio Lower Upper
198 100
51 54.0 36.9 76.9
105 45.4 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 41.878 ng
RT: 16.171 min Scan# 2175
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:169 Resp: 823790
Ion Ratio Lower Upper
169 100
168 67.4 51.1 76.7
167 36.5 29.4 44.2

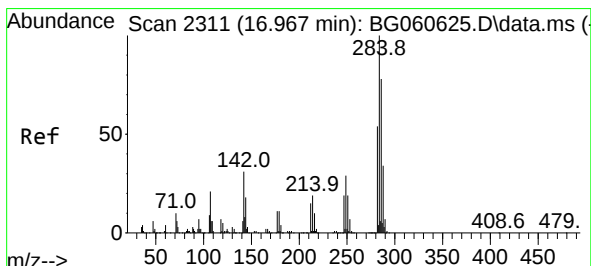
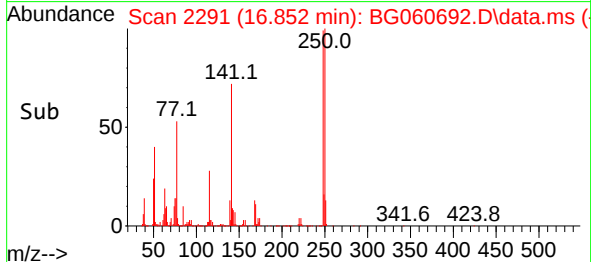
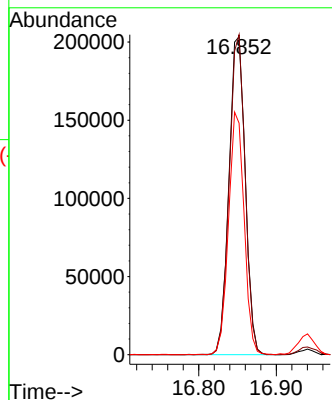
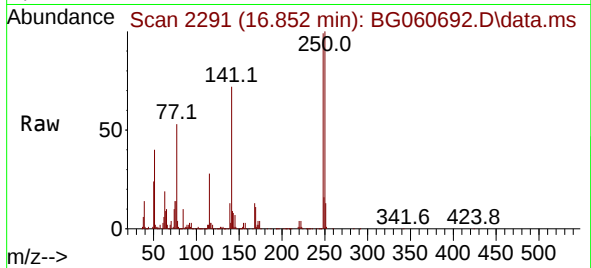




#67
4-Bromophenyl-phenylether
Concen: 43.925 ng
RT: 16.852 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

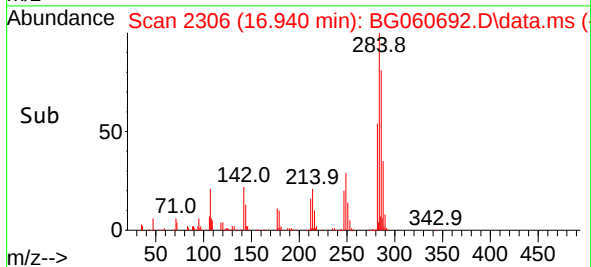
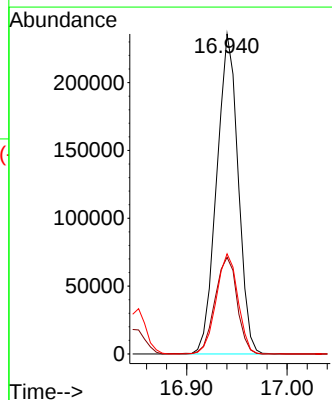
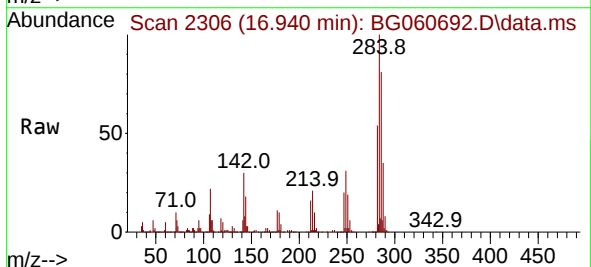
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

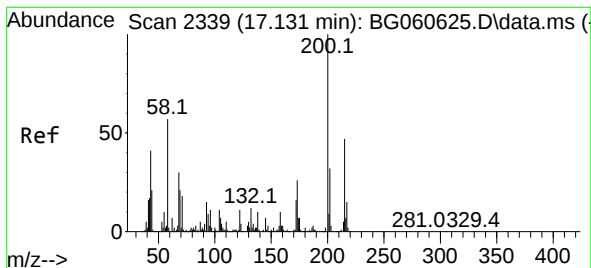
Tgt Ion:248 Resp: 297724
Ion Ratio Lower Upper
248 100
250 100.6 77.8 116.6
141 72.8 55.1 82.7



#68
Hexachlorobenzene
Concen: 44.808 ng
RT: 16.940 min Scan# 2306
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:284 Resp: 349189
Ion Ratio Lower Upper
284 100
142 30.2 24.6 37.0
249 31.3 23.4 35.0





#69

Atrazine

Concen: 46.218 ng

RT: 17.105 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMS

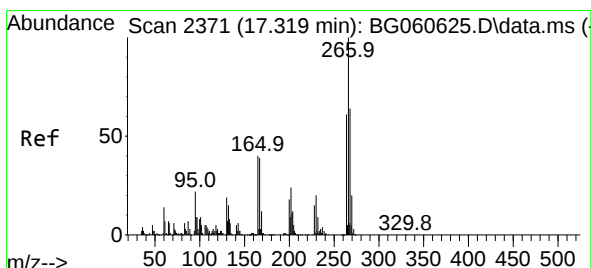
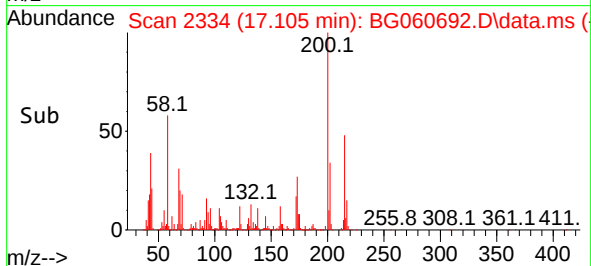
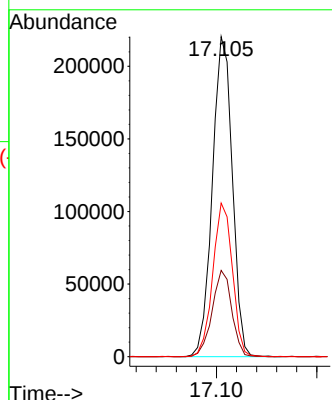
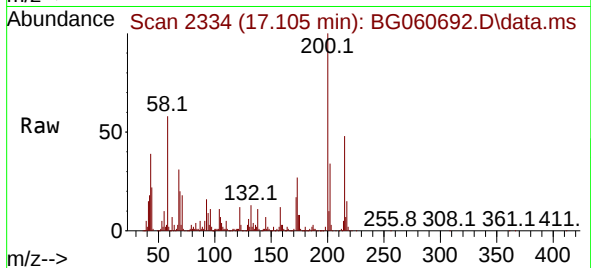
Tgt Ion:200 Resp: 304086

Ion Ratio Lower Upper

200 100

173 27.0 5.7 45.7

215 48.0 27.1 67.1



#70

Pentachlorophenol

Concen: 94.505 ng

RT: 17.299 min Scan# 2367

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

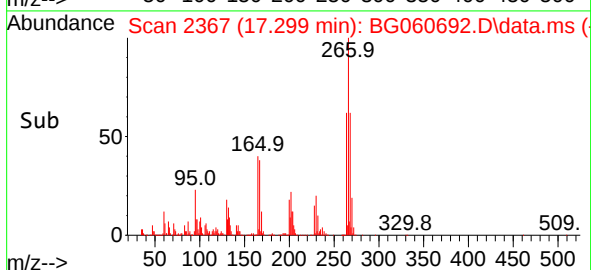
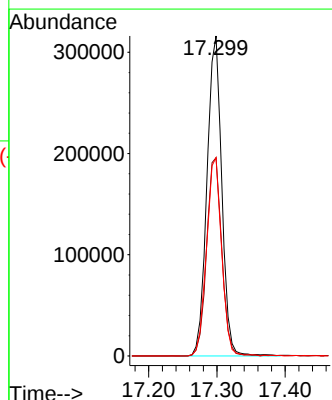
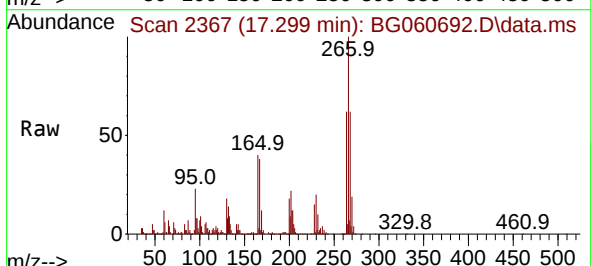
Tgt Ion:266 Resp: 477343

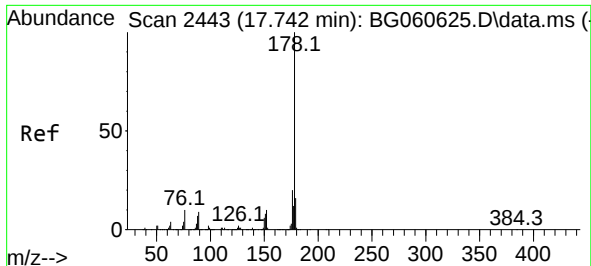
Ion Ratio Lower Upper

266 100

268 62.0 51.5 77.3

264 61.9 48.9 73.3

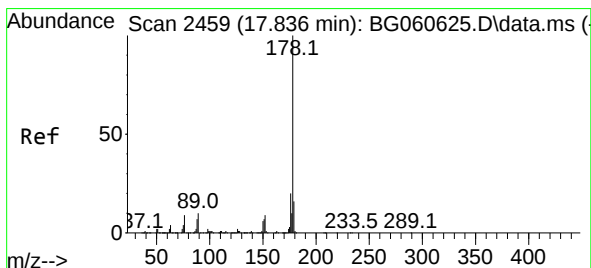
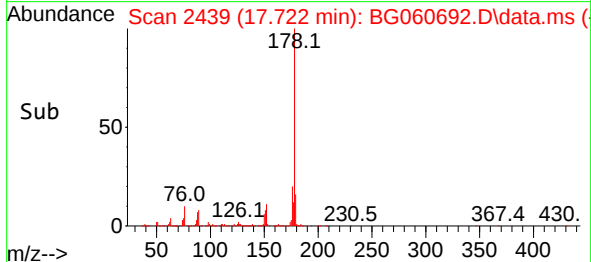
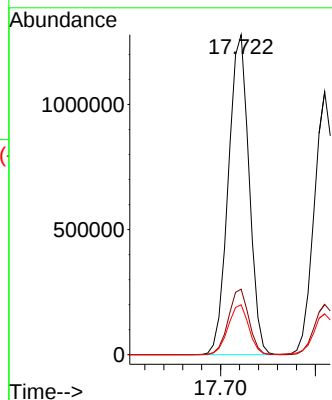
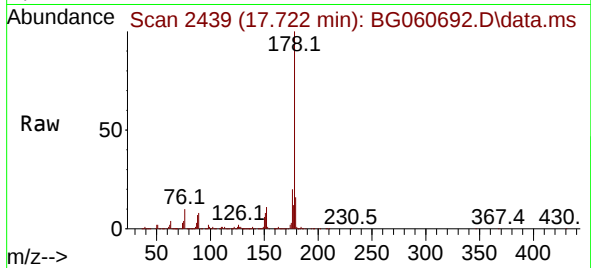




#71
Phenanthrene
Concen: 57.322 ng
RT: 17.722 min Scan# 2443
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

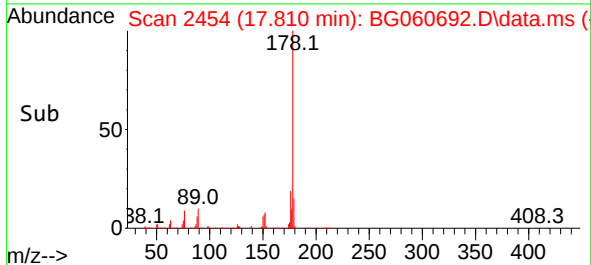
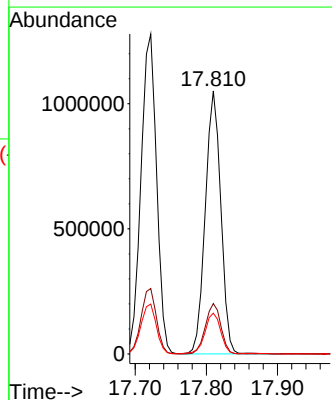
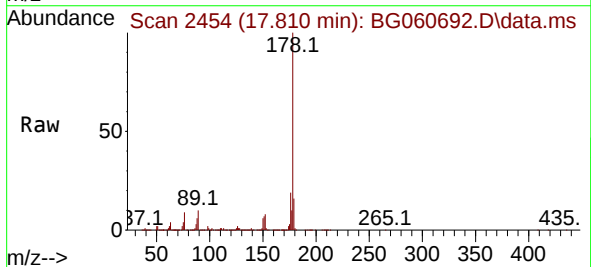
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

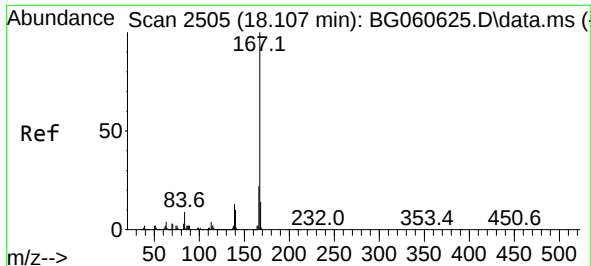
Tgt Ion:178 Resp: 1940822
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 15.6 12.9 19.3



#72
Anthracene
Concen: 46.633 ng
RT: 17.810 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:178 Resp: 1596438
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.5 12.6 19.0

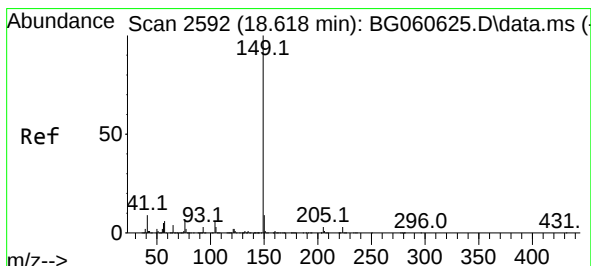
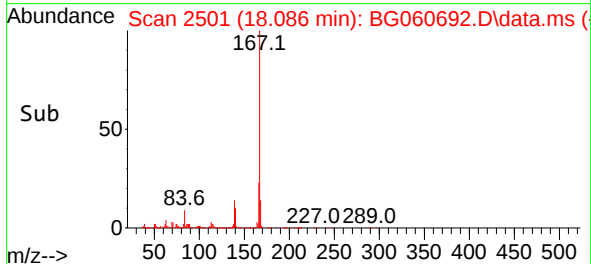
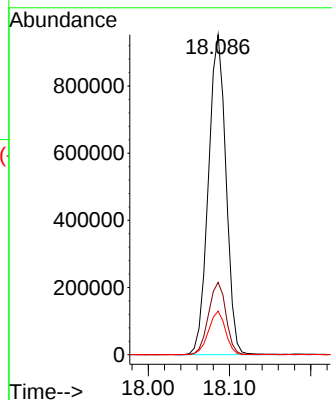
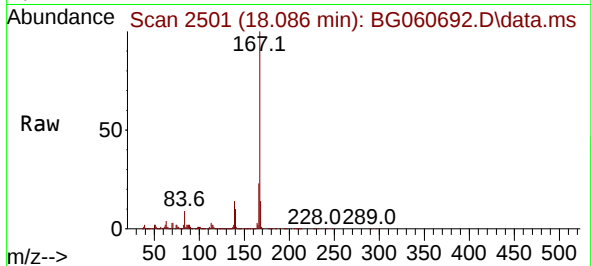




#73
 Carbazole
 Concen: 47.998 ng
 RT: 18.086 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG060692.D
 Acq: 20 Mar 2024 15:16

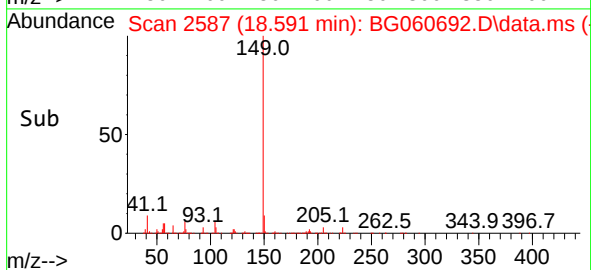
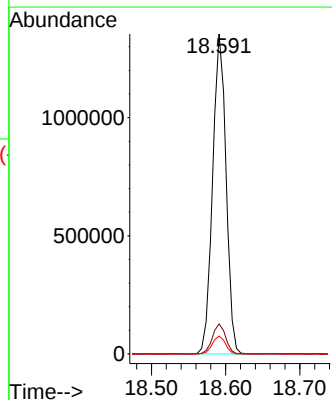
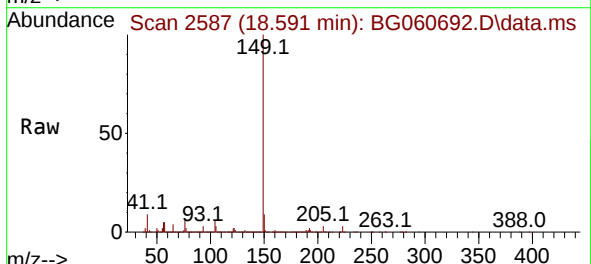
Instrument :
 BNA_G
 ClientSampleId :
 TRENCH-PITMS

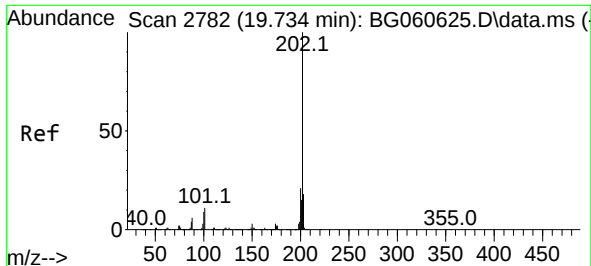
Tgt Ion:167 Resp: 1428757
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 13.6 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 46.797 ng
 RT: 18.591 min Scan# 2587
 Delta R.T. -0.003 min
 Lab File: BG060692.D
 Acq: 20 Mar 2024 15:16

Tgt Ion:149 Resp: 1697568
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.6 4.8 7.2

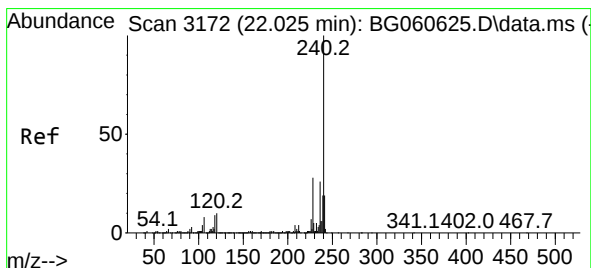
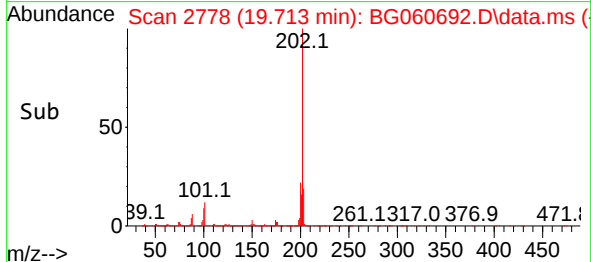
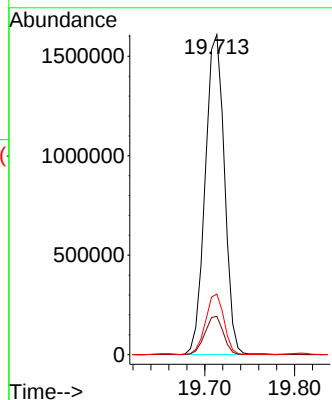
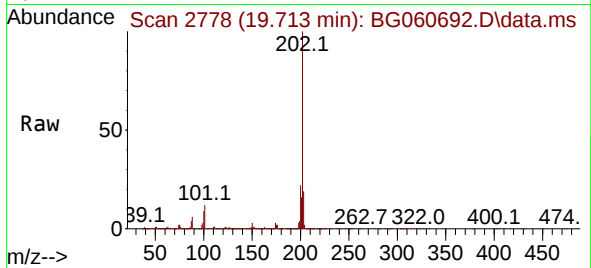




#75
Fluoranthene
Concen: 63.620 ng
RT: 19.713 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

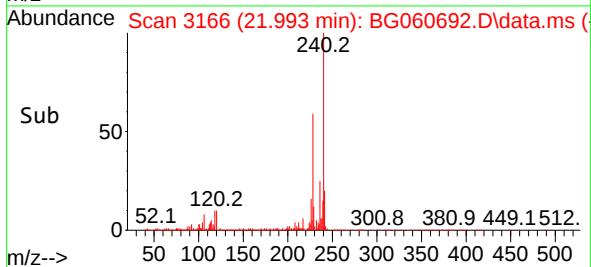
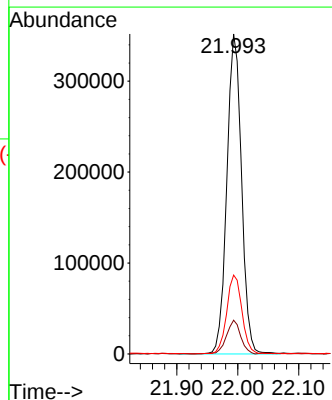
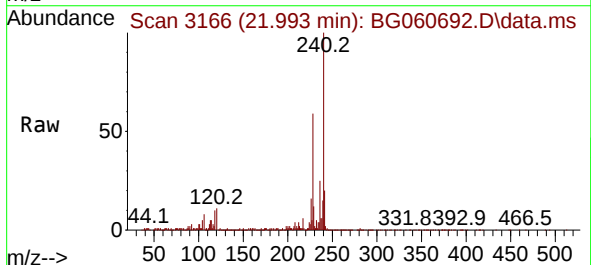
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

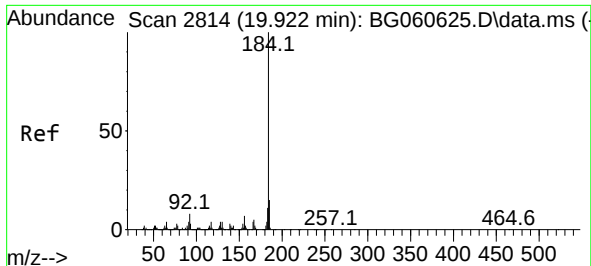
Tgt Ion:202 Resp: 2382714
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.2
203 18.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.993 min Scan# 3166
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:240 Resp: 587149
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.8
236 24.7 20.6 31.0

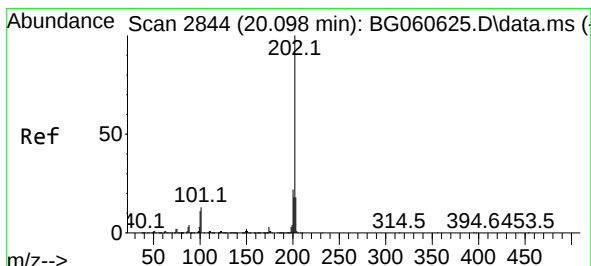
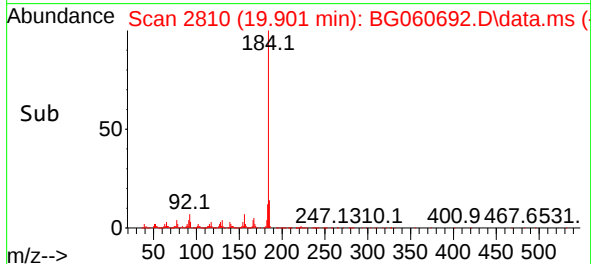
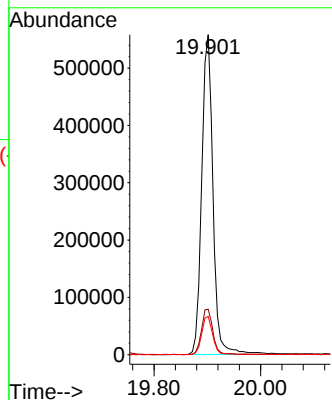
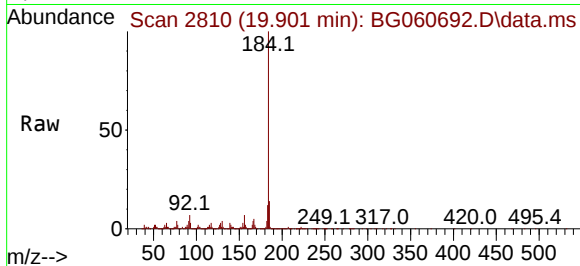




#77
Benzidine
Concen: 57.064 ng
RT: 19.901 min Scan# 2810
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

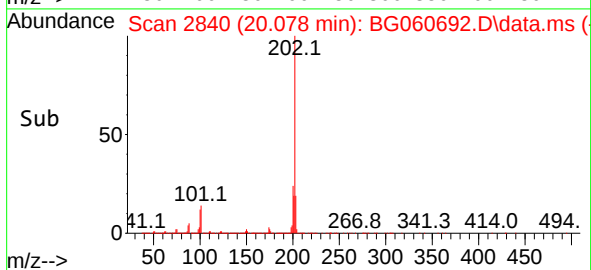
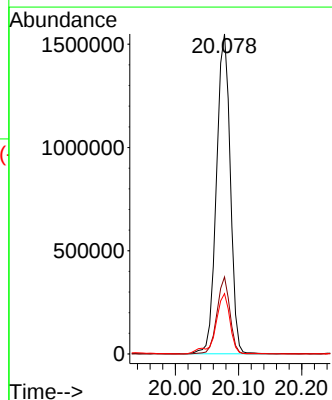
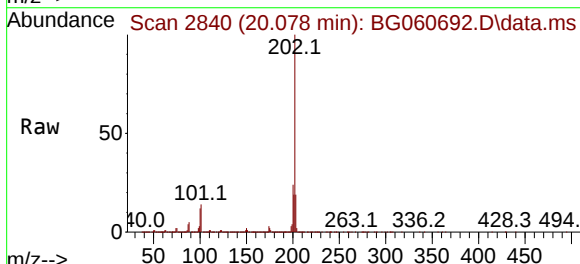
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

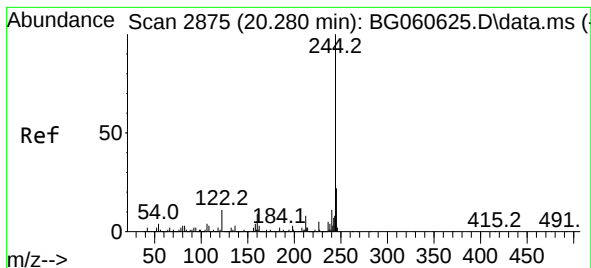
Tgt Ion:184 Resp: 819525
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.9 9.2 13.8



#78
Pyrene
Concen: 57.252 ng
RT: 20.078 min Scan# 2840
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:202 Resp: 2345888
Ion Ratio Lower Upper
202 100
200 24.1 17.9 26.9
203 18.9 14.3 21.5





#79

Terphenyl-d14

Concen: 56.430 ng

RT: 20.254 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMS

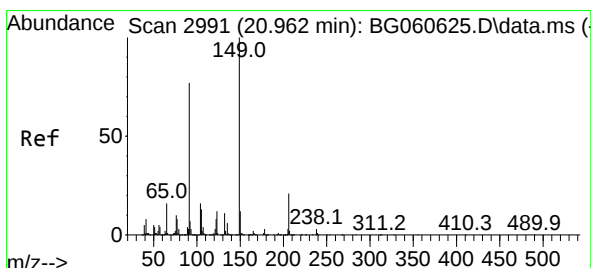
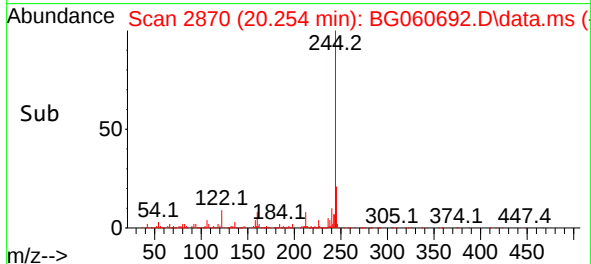
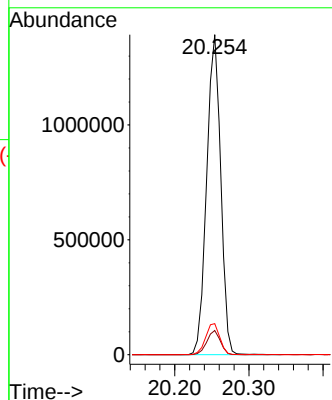
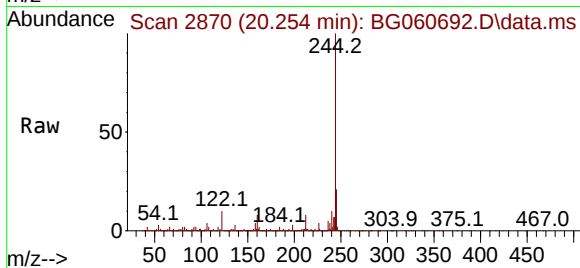
Tgt Ion:244 Resp: 1833048

Ion Ratio Lower Upper

244 100

212 7.6 6.6 9.8

122 9.7 8.5 12.7



#80

Butylbenzylphthalate

Concen: 49.626 ng

RT: 20.936 min Scan# 2986

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

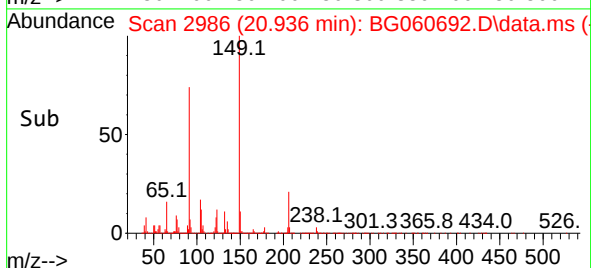
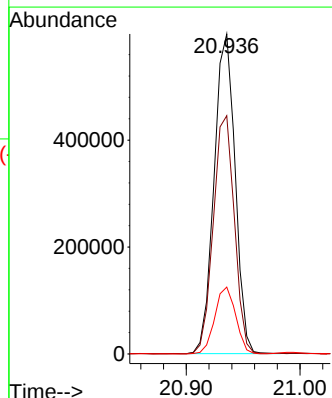
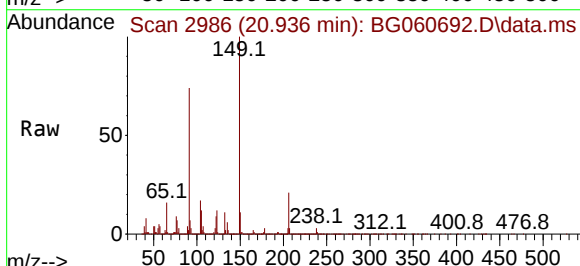
Tgt Ion:149 Resp: 768731

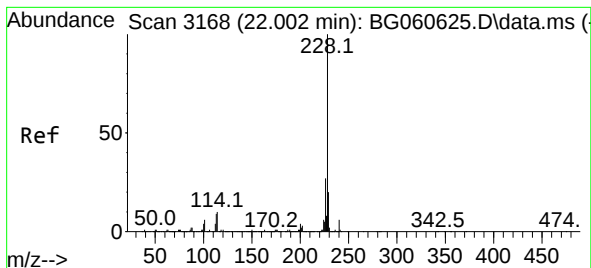
Ion Ratio Lower Upper

149 100

91 74.5 61.5 92.3

206 20.9 16.9 25.3





#81

Benzo(a)anthracene

Concen: 52.473 ng

RT: 21.970 min Scan# 3162

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMS

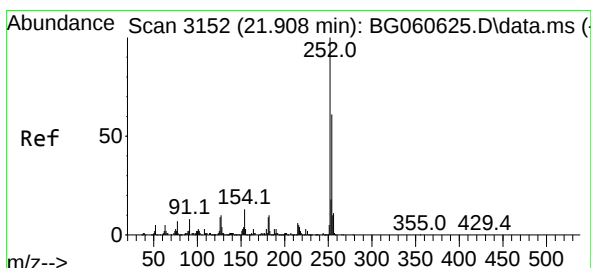
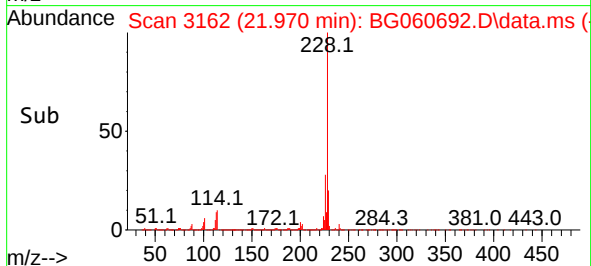
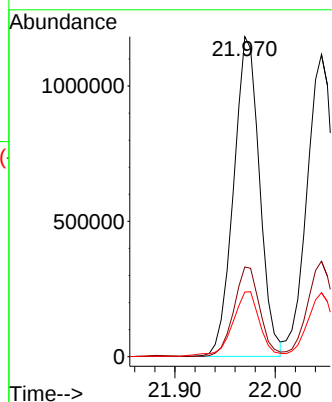
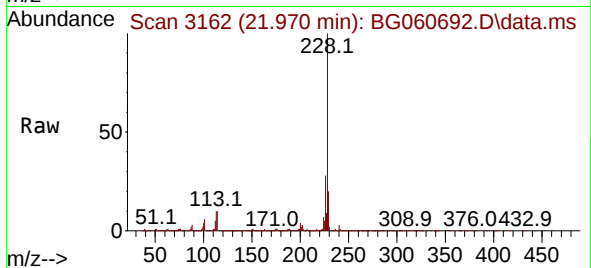
Tgt Ion:228 Resp: 2121354

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.8

229 20.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 28.346 ng

RT: 21.881 min Scan# 3147

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

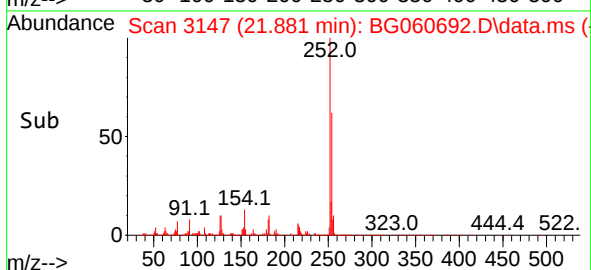
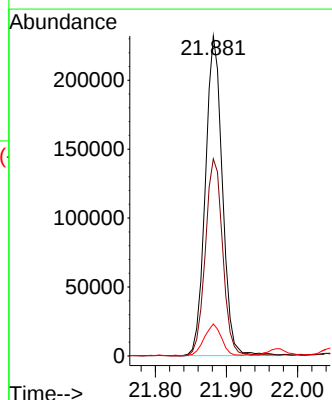
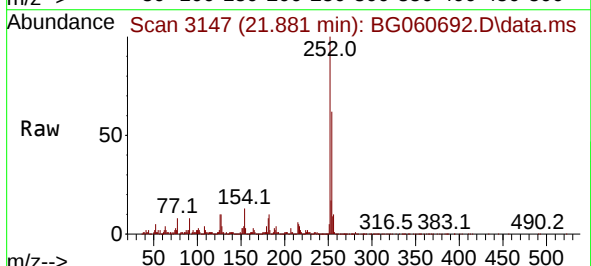
Tgt Ion:252 Resp: 386242

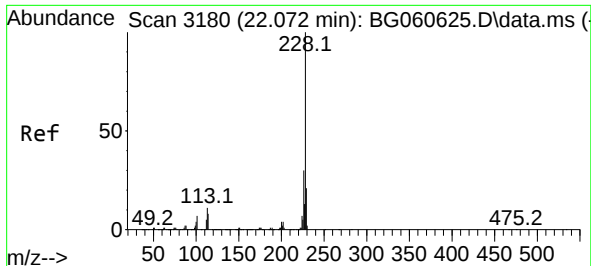
Ion Ratio Lower Upper

252 100

254 61.6 48.7 73.1

126 10.0 7.4 11.2

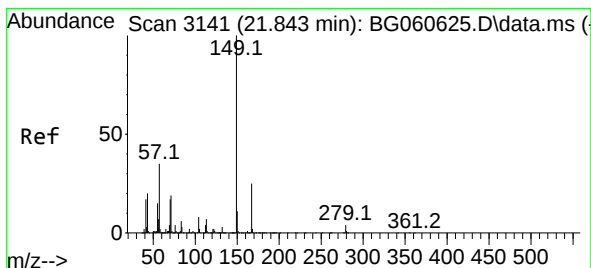
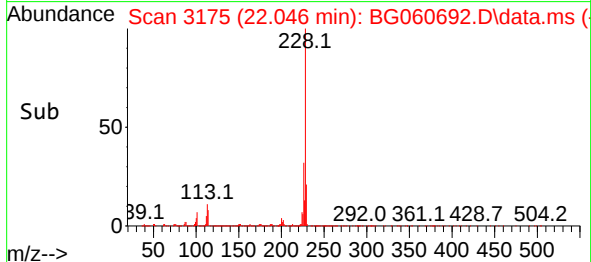
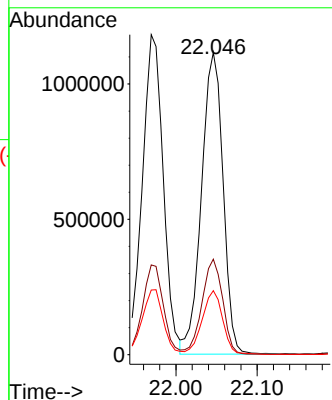
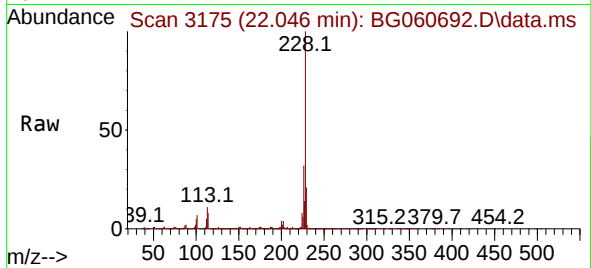




#83
Chrysene
Concen: 52.258 ng
RT: 22.046 min Scan# 3180
Delta R.T. 0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

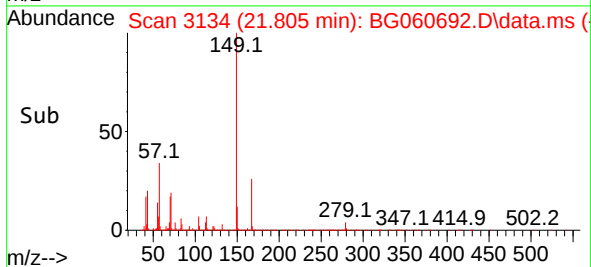
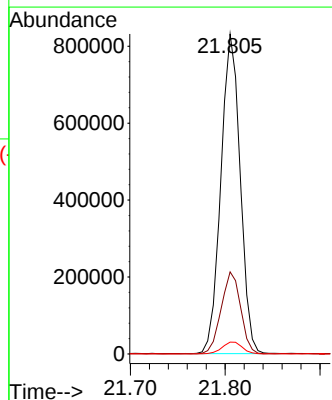
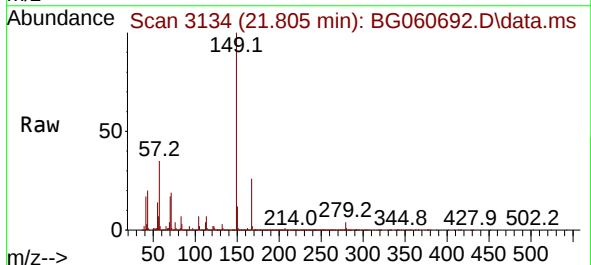
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

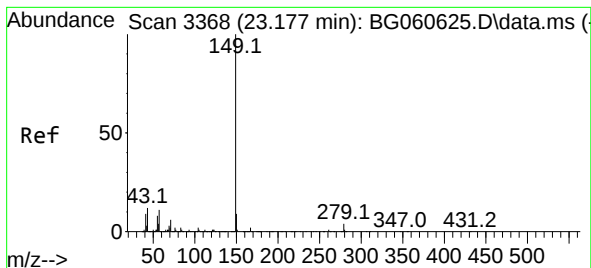
Tgt Ion:228 Resp: 2051340
Ion Ratio Lower Upper
228 100
226 31.6 24.2 36.2
229 21.2 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.512 ng
RT: 21.805 min Scan# 3134
Delta R.T. -0.003 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:149 Resp: 1178652
Ion Ratio Lower Upper
149 100
167 25.7 19.9 29.9
279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 52.895 ng

RT: 23.127 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMS

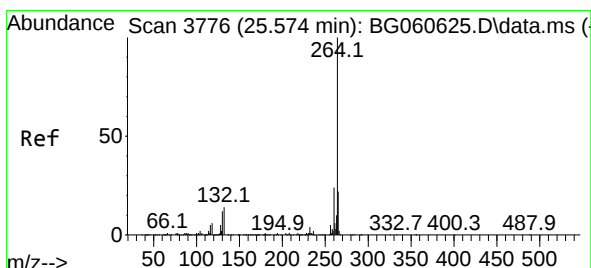
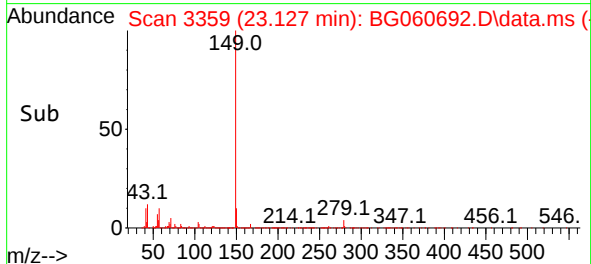
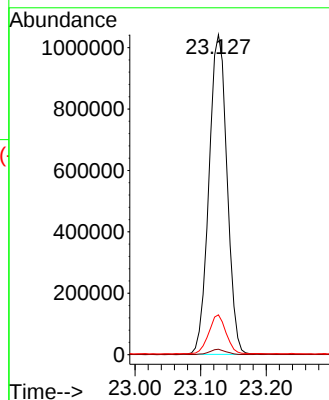
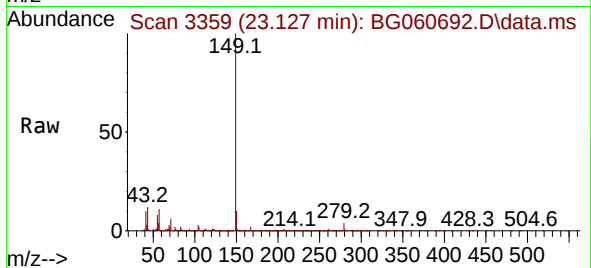
Tgt Ion:149 Resp: 1993035

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.7 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.536 min Scan# 3769

Delta R.T. 0.009 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

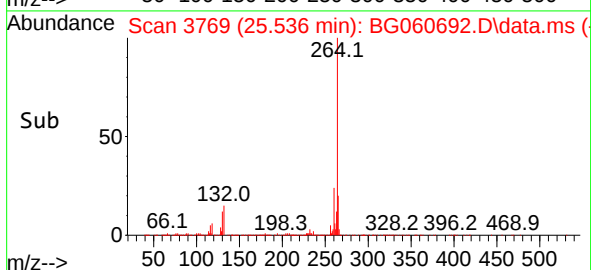
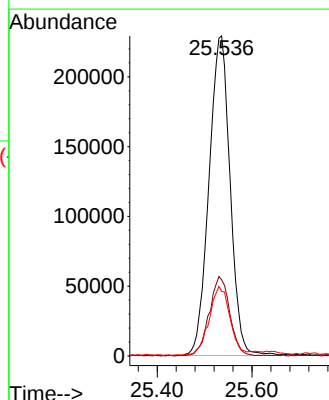
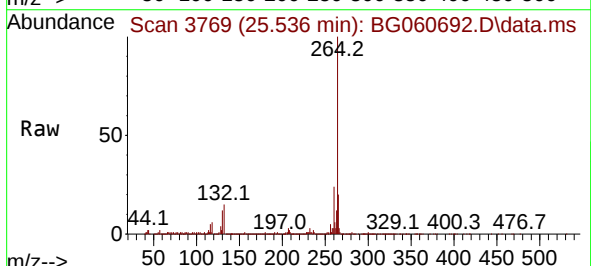
Tgt Ion:264 Resp: 708505

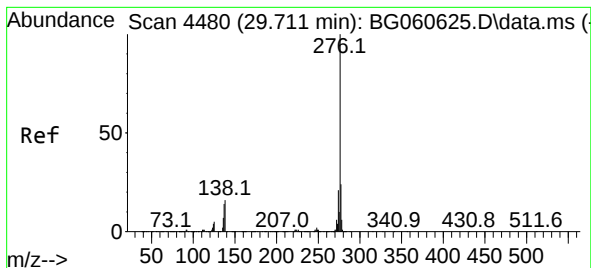
Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 20.2 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.760 ng

RT: 29.637 min Scan# 4480

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMS

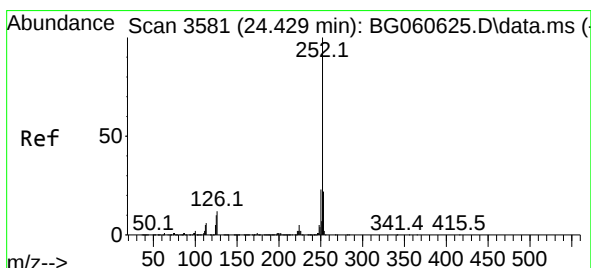
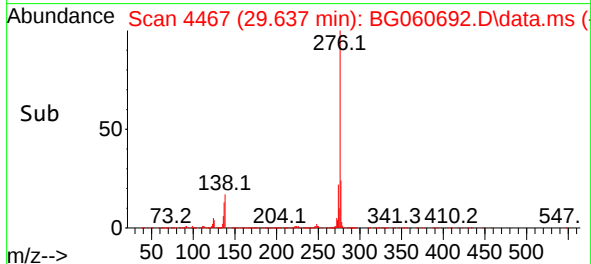
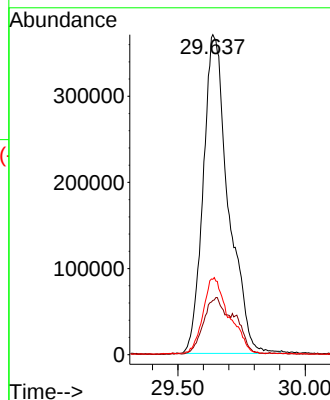
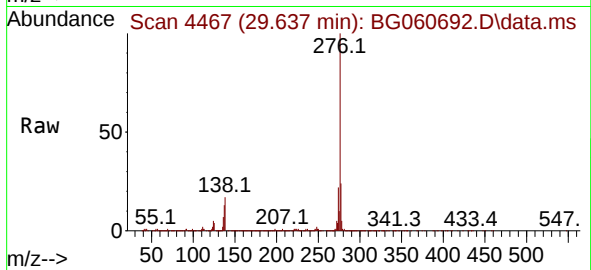
Tgt Ion:276 Resp: 2549758

Ion Ratio Lower Upper

276 100

138 16.0 6.6 10.0#

277 24.4 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 58.009 ng

RT: 24.390 min Scan# 3574

Delta R.T. 0.003 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

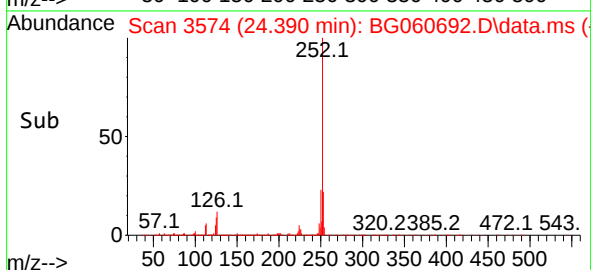
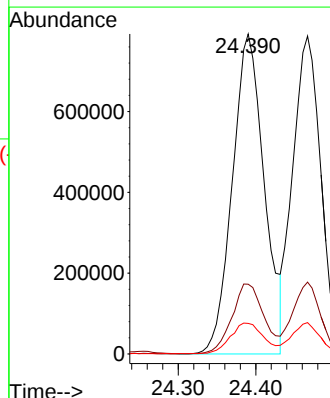
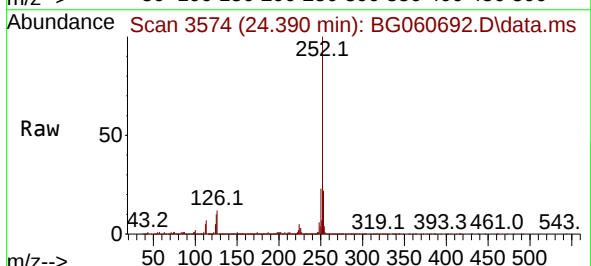
Tgt Ion:252 Resp: 2261038

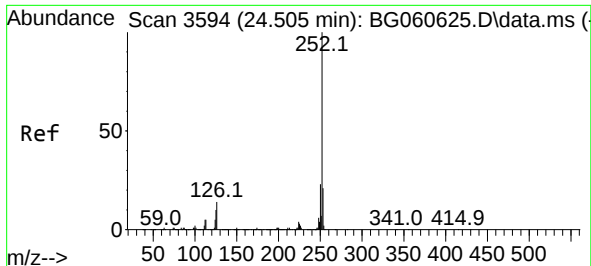
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.5 7.8 11.6

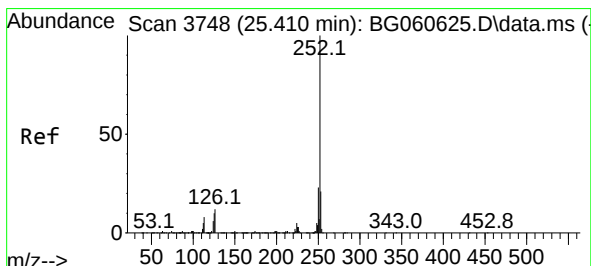
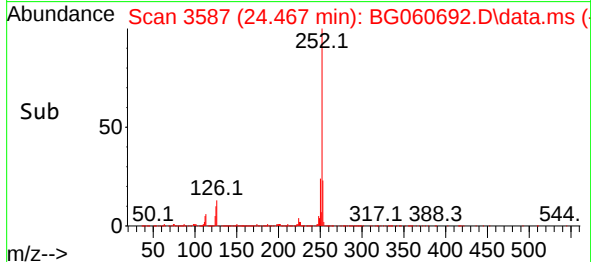
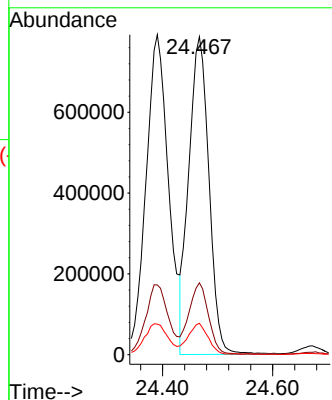
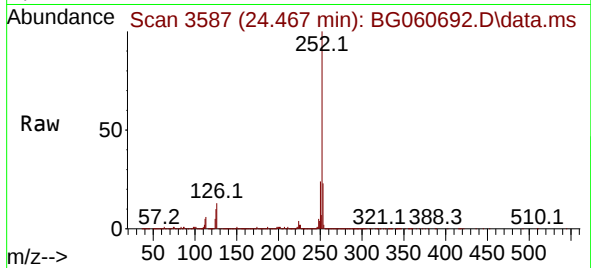




#89
Benzo(k)fluoranthene
Concen: 48.791 ng
RT: 24.467 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

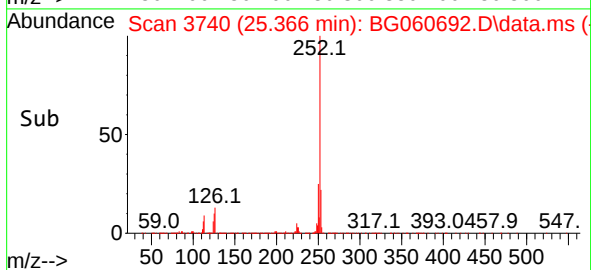
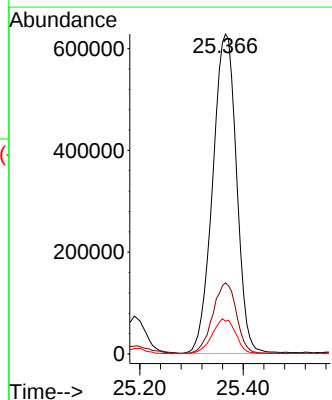
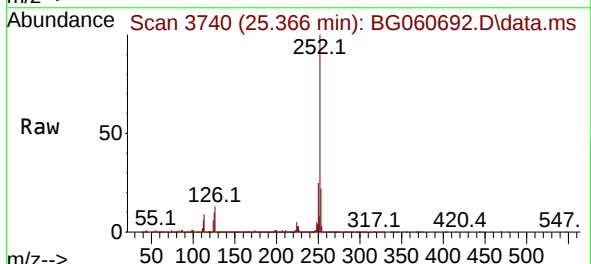
Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

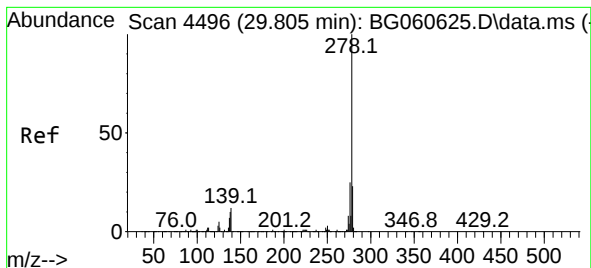
Tgt Ion:252 Resp: 1997936
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 9.9 8.0 12.0



#90
Benzo(a)pyrene
Concen: 52.603 ng
RT: 25.366 min Scan# 3740
Delta R.T. 0.009 min
Lab File: BG060692.D
Acq: 20 Mar 2024 15:16

Tgt Ion:252 Resp: 2010132
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 10.2 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 47.340 ng

RT: 29.731 min Scan# 4496

Delta R.T. 0.015 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Instrument :

BNA_G

ClientSampleId :

TRENCH-PITMS

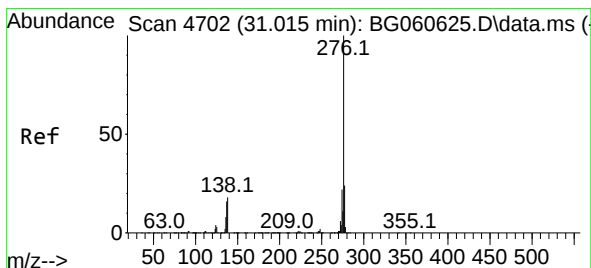
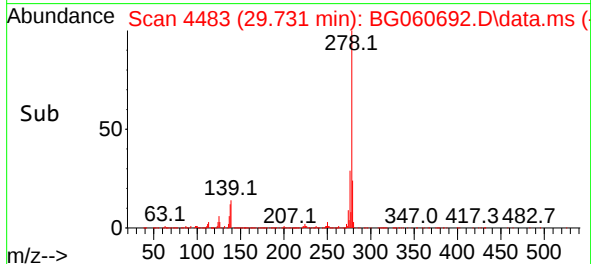
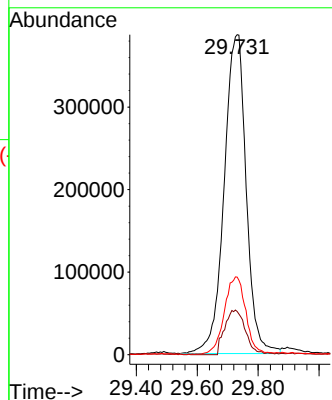
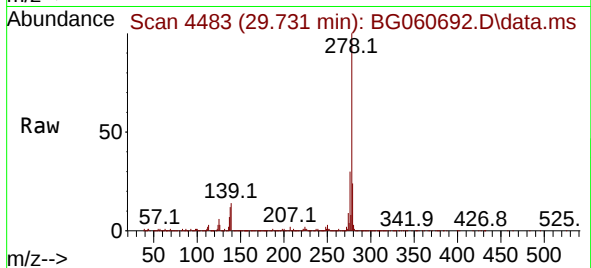
Tgt Ion:278 Resp: 1942178

Ion Ratio Lower Upper

278 100

139 13.5 9.8 14.8

279 24.3 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 51.031 ng

RT: 30.947 min Scan# 4690

Delta R.T. 0.009 min

Lab File: BG060692.D

Acq: 20 Mar 2024 15:16

Tgt Ion:276 Resp: 2027058

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 18.1 14.4 21.6

