

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064824.D
 Acq On : 19 Nov 2025 20:47
 Operator : RC/JU
 Sample : PB170608BSD
 Misc : LOD-WATER-4PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170608BSD

Quant Time: Nov 20 00:35:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.160	152	59735	20.000	ng	0.00
21) Naphthalene-d8	10.980	136	230122	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	186302	20.000	ng	0.00
64) Phenanthrene-d10	17.502	188	441810	20.000	ng	0.00
76) Chrysene-d12	21.755	240	503250	20.000	ng	0.00
86) Perylene-d12	25.010	264	500670	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	441493	129.060	ng	0.00
7) Phenol-d6	7.313	99	589302	129.521	ng	0.00
23) Nitrobenzene-d5	9.329	82	379035	81.438	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	439533	120.968	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	1044390	78.221	ng	0.00
79) Terphenyl-d14	20.087	244	2200994	86.032	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.524	88	41350	31.223	ng	98
3) Pyridine	3.935	79	124509	31.554	ng	92
4) n-Nitrosodimethylamine	3.847	42	76258	37.971	ng	# 76
6) Aniline	7.478	93	199362	32.873	ng	96
8) 2-Chlorophenol	7.725	128	177048	47.135	ng	96
9) Benzaldehyde	7.284	77	86137	28.921	ng	97
10) Phenol	7.343	94	226145	45.682	ng	94
11) bis(2-Chloroethyl)ether	7.572	93	152181	43.200	ng	98
12) 1,3-Dichlorobenzene	8.054	146	187075	43.283	ng	97
13) 1,4-Dichlorobenzene	8.201	146	189239	42.998	ng	99
14) 1,2-Dichlorobenzene	8.524	146	189929	44.507	ng	98
15) Benzyl Alcohol	8.395	79	169698	45.439	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.688	45	330740	39.666	ng	97
17) 2-Methylphenol	8.600	107	159799	45.621	ng	97
18) Hexachloroethane	9.258	117	67705	40.617	ng	97
19) n-Nitroso-di-n-propyla...	8.970	70	137408	44.666	ng	92
20) 3+4-Methylphenols	8.929	107	218860	45.609	ng	95
22) Acetophenone	8.988	105	276359	44.080	ng	96
24) Nitrobenzene	9.370	77	205544	43.707	ng	99
25) Isophorone	9.893	82	377062	42.542	ng	# 96
26) 2-Nitrophenol	10.081	139	100928	47.714	ng	93
27) 2,4-Dimethylphenol	10.140	122	174618	46.467	ng	97
28) bis(2-Chloroethoxy)met...	10.369	93	220015	45.216	ng	100
29) 2,4-Dichlorophenol	10.621	162	194777	48.277	ng	98
30) 1,2,4-Trichlorobenzene	10.839	180	220679	45.297	ng	98
31) Naphthalene	11.033	128	550618	42.209	ng	100
32) Benzoic acid	10.292	122	113921	43.571	ng	94
33) 4-Chloroaniline	11.127	127	78140	14.974	ng	95
34) Hexachlorobutadiene	11.321	225	169083	40.450	ng	96
35) Caprolactam	11.902	113	28837	23.897	ng	97
36) 4-Chloro-3-methylphenol	12.237	107	200297	44.603	ng	97
37) 2-Methylnaphthalene	12.625	142	374287	38.341	ng	98
38) 1-Methylnaphthalene	12.836	142	393088	40.537	ng	99
40) 1,2,4,5-Tetrachloroben...	12.989	216	308367	42.531	ng	99
41) Hexachlorocyclopentadiene	12.972	237	433702	83.455	ng	97
43) 2,4,6-Trichlorophenol	13.218	196	191851	45.085	ng	99

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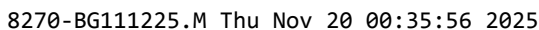
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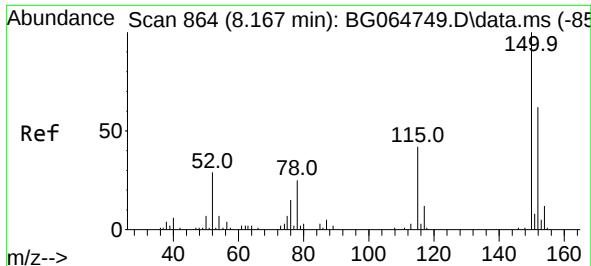
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.289	196	214404	44.924	ng	98
46) 1,1'-Biphenyl	13.618	154	574649	42.946	ng	96
47) 2-Chloronaphthalene	13.659	162	442126	41.940	ng	99
48) 2-Nitroaniline	13.847	65	151437	44.663	ng	97
49) Acenaphthylene	14.499	152	768598	42.677	ng	97
50) Dimethylphthalate	14.223	163	627113	42.613	ng	99
51) 2,6-Dinitrotoluene	14.335	165	134140	47.369	ng	98
52) Acenaphthene	14.840	154	533996	49.452	ng	99
53) 3-Nitroaniline	14.664	138	76889	27.510	ng	97
54) 2,4-Dinitrophenol	14.869	184	177729	90.374	ng	96
55) Dibenzofuran	15.169	168	749605	41.990	ng	97
56) 4-Nitrophenol	14.969	139	209368	94.415	ng	94
57) 2,4-Dinitrotoluene	15.122	165	193372	45.548	ng #	95
58) Fluorene	15.815	166	583651	41.685	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.392	232	227793	48.375	ng	97
60) Diethylphthalate	15.574	149	609138	43.208	ng	99
61) 4-Chlorophenyl-phenyle...	15.798	204	349669	41.613	ng	98
62) 4-Nitroaniline	15.821	138	124104	42.861	ng	90
63) Azobenzene	16.091	77	510760	43.558	ng	98
65) 4,6-Dinitro-2-methylph...	15.880	198	126792	51.688	ng	96
66) n-Nitrosodiphenylamine	16.009	169	540413	46.698	ng	100
67) 4-Bromophenyl-phenylether	16.691	248	260215	44.850	ng	98
68) Hexachlorobenzene	16.814	284	303374	43.158	ng	97
69) Atrazine	16.949	200	249844	44.779	ng	96
70) Pentachlorophenol	17.155	266	385264	91.648	ng	97
71) Phenanthrene	17.543	178	1036973	42.898	ng	99
72) Anthracene	17.637	178	1063100	43.130	ng	100
73) Carbazole	17.895	167	910019	42.947	ng	100
74) Di-n-butylphthalate	18.447	149	1050948	44.456	ng	99
75) Fluoranthene	19.540	202	1310098	39.634	ng	99
77) Benzidine	19.705	184	462755	30.704	ng	100
78) Pyrene	19.899	202	1364731	48.386	ng	99
80) Butylbenzylphthalate	20.762	149	476439	48.024	ng	98
81) Benzo(a)anthracene	21.732	228	1503432	43.935	ng	99
82) 3,3'-Dichlorobenzidine	21.638	252	332141	26.371	ng	97
83) Chrysene	21.802	228	1402677	43.479	ng	99
84) Bis(2-ethylhexyl)phtha...	21.626	149	676674	46.677	ng	99
85) Di-n-octyl phthalate	22.848	149	1137067	45.376	ng	98
87) Indeno(1,2,3-cd)pyrene	28.741	276	1547450	44.987	ng #	97
88) Benzo(b)fluoranthene	23.976	252	1459675	45.813	ng	99
89) Benzo(k)fluoranthene	24.047	252	1451853	45.356	ng	100
90) Benzo(a)pyrene	24.863	252	1346766	45.567	ng	99
91) Dibenzo(a,h)anthracene	28.806	278	1280020	45.424	ng	96
92) Benzo(g,h,i)perylene	29.910	276	1218814	44.942	ng #	96

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

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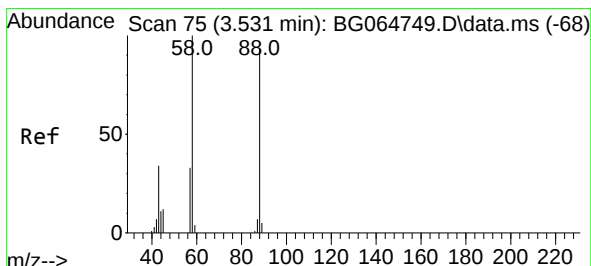
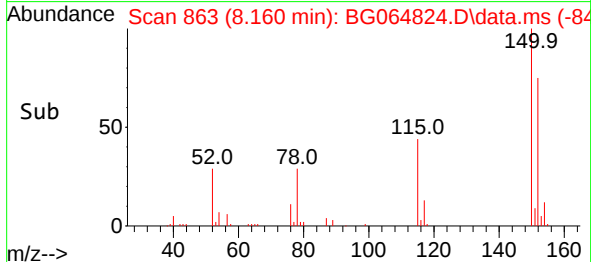
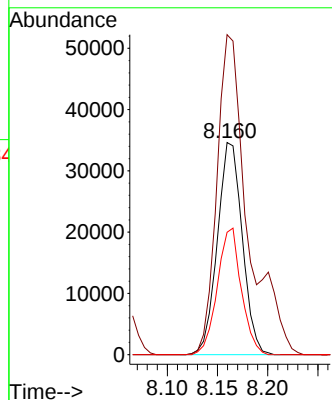
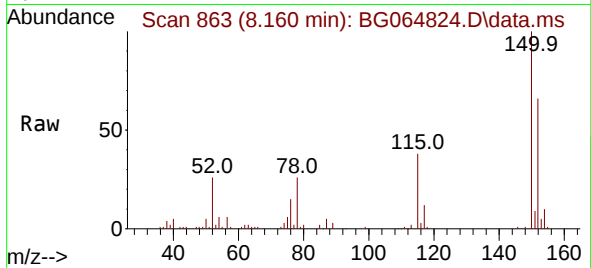




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.160 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BG064824.D
 Acq: 19 Nov 2025 20:47

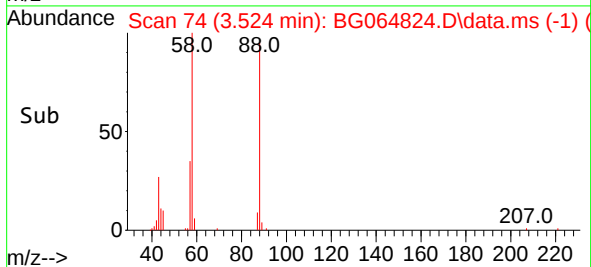
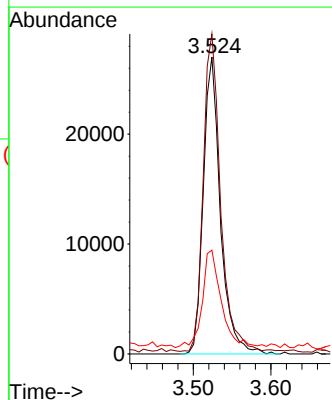
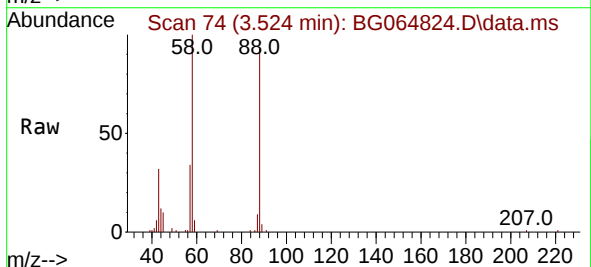
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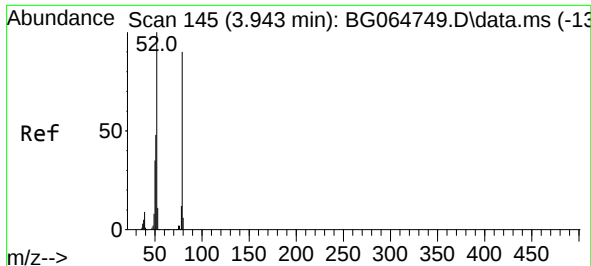
Tgt Ion:152 Resp: 59735
 Ion Ratio Lower Upper
 152 100
 150 150.9 129.2 193.8
 115 57.7 53.7 80.5



#2
 1,4-Dioxane
 Concen: 31.223 ng
 RT: 3.524 min Scan# 74
 Delta R.T. -0.008 min
 Lab File: BG064824.D
 Acq: 19 Nov 2025 20:47

Tgt Ion: 88 Resp: 41350
 Ion Ratio Lower Upper
 88 100
 58 108.1 84.6 126.8
 43 36.3 30.0 45.0





#3

Pyridine

Concen: 31.554 ng

RT: 3.935 min Scan# 14

Delta R.T. -0.008 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Instrument :

BNA_G

ClientSampleId :

PB170608BSD

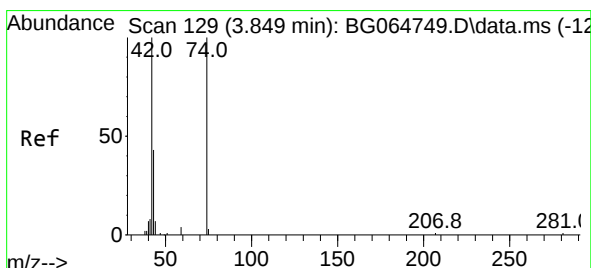
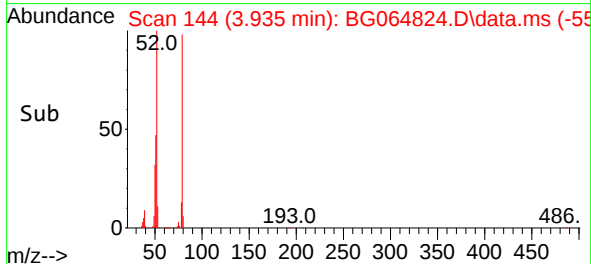
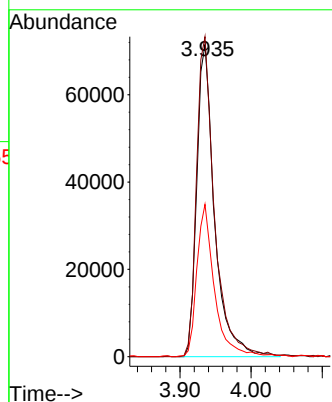
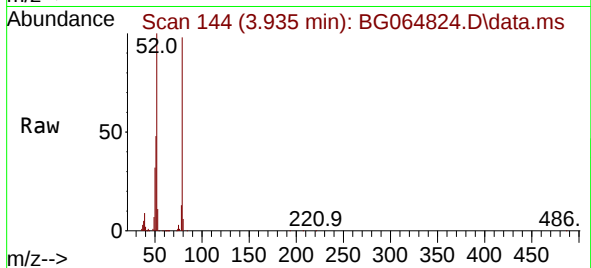
Tgt Ion: 79 Resp: 124509

Ion Ratio Lower Upper

79 100

52 102.5 89.0 133.4

51 48.8 43.4 65.0



#4

n-Nitrosodimethylamine

Concen: 37.971 ng

RT: 3.847 min Scan# 129

Delta R.T. -0.002 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

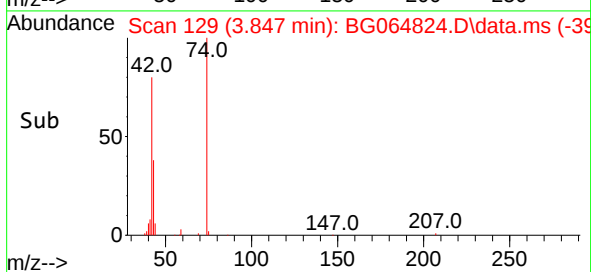
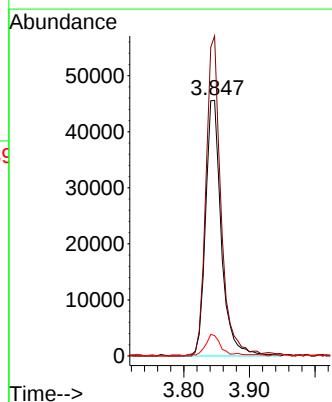
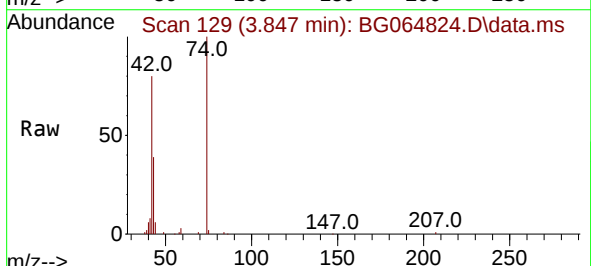
Tgt Ion: 42 Resp: 76258

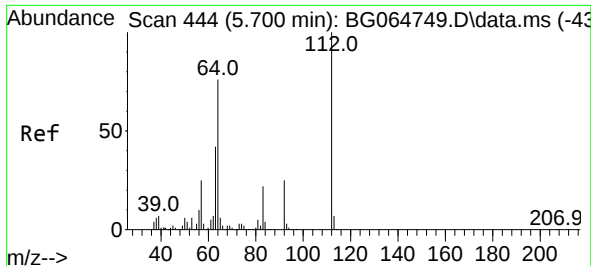
Ion Ratio Lower Upper

42 100

74 125.2 79.8 119.6#

44 8.0 5.9 8.9

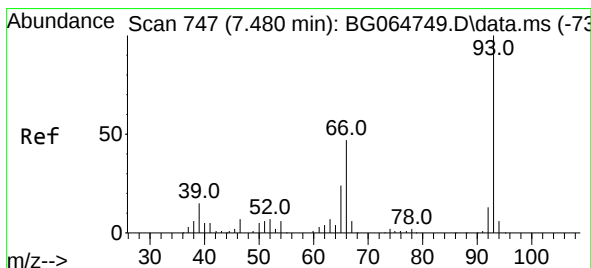
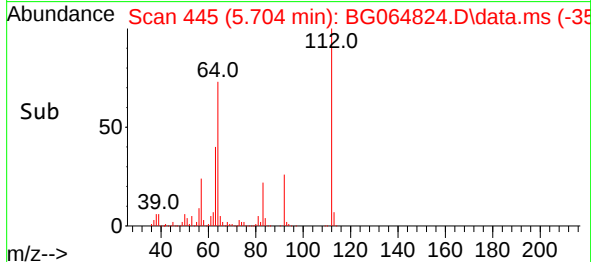
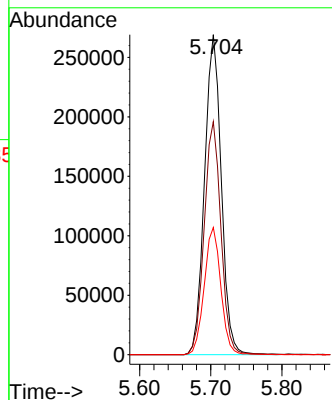
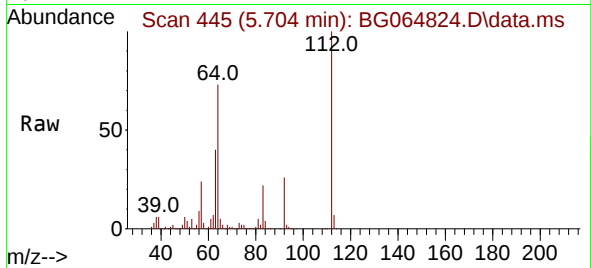




#5
2-Fluorophenol
Concen: 129.060 ng
RT: 5.704 min Scan# 444
Delta R.T. 0.004 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

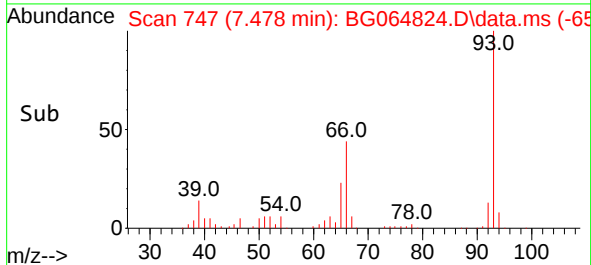
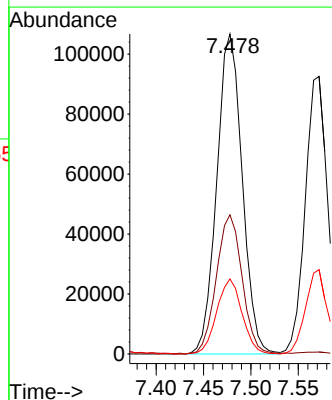
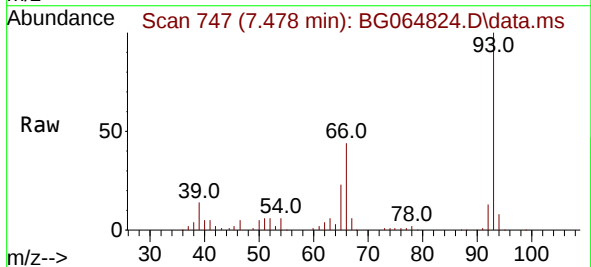
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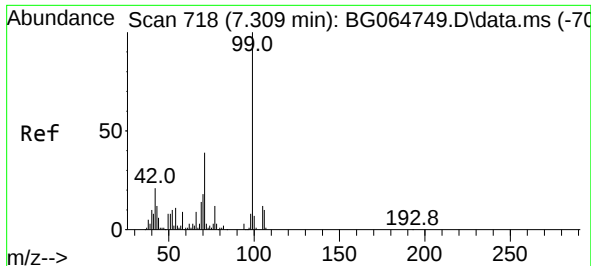
Tgt Ion:112 Resp: 441493
Ion Ratio Lower Upper
112 100
64 72.8 61.0 91.4
63 39.8 33.3 49.9



#6
Aniline
Concen: 32.873 ng
RT: 7.478 min Scan# 747
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion: 93 Resp: 199362
Ion Ratio Lower Upper
93 100
66 43.5 37.7 56.5
65 23.5 19.1 28.7

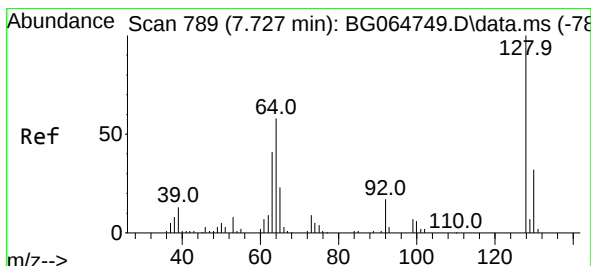
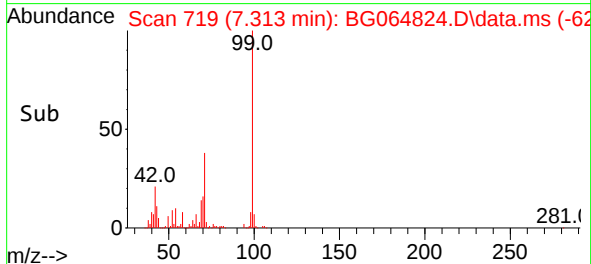
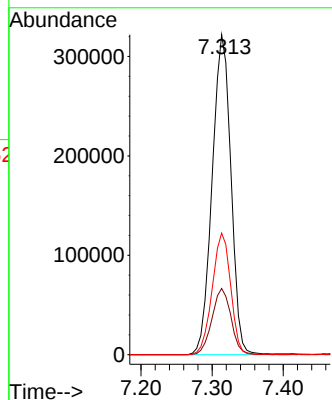
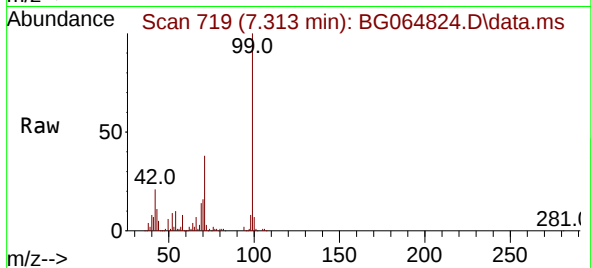




#7
Phenol-d6
Concen: 129.521 ng
RT: 7.313 min Scan# 718
Delta R.T. 0.004 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

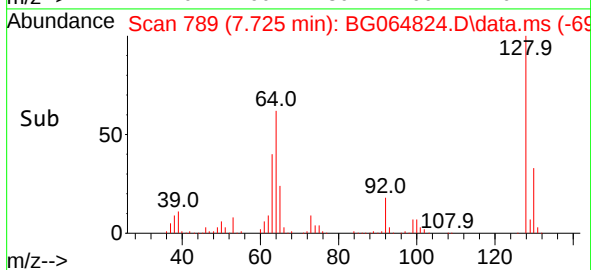
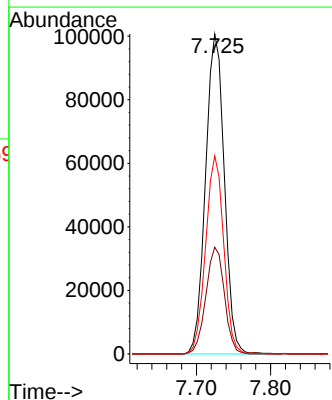
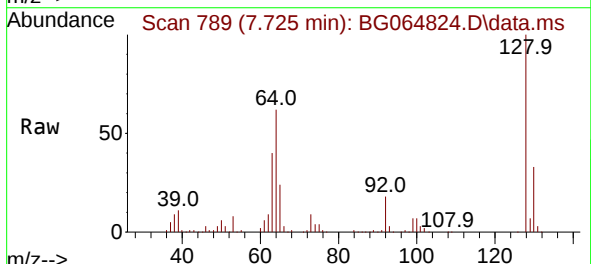
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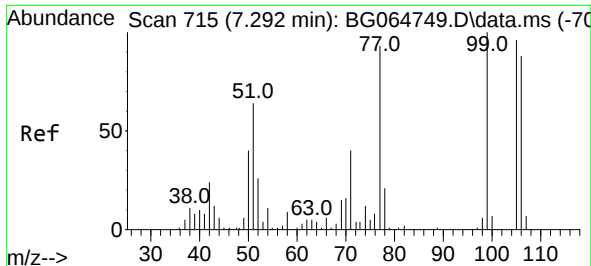
Tgt Ion: 99 Resp: 589302
Ion Ratio Lower Upper
99 100
42 20.7 16.8 25.2
71 38.0 31.1 46.7



#8
2-Chlorophenol
Concen: 47.135 ng
RT: 7.725 min Scan# 789
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion: 128 Resp: 177048
Ion Ratio Lower Upper
128 100
130 33.4 11.9 51.9
64 61.9 38.4 78.4

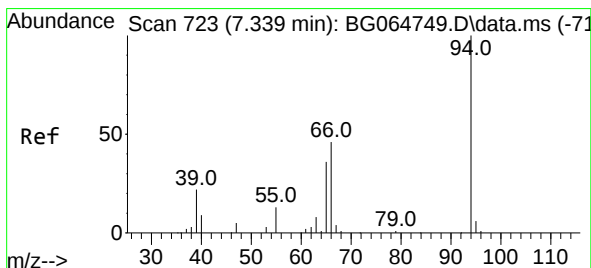
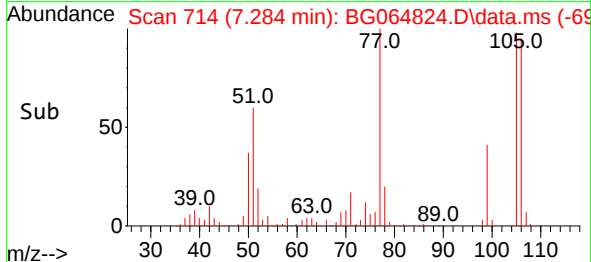
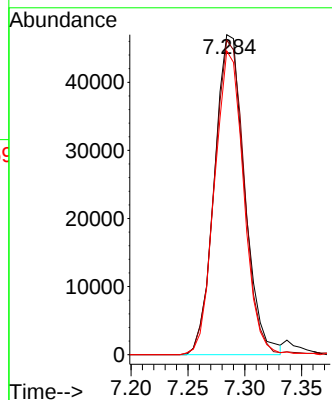
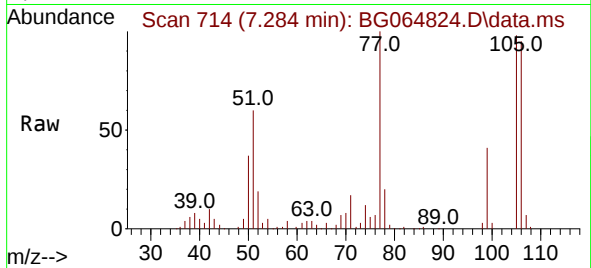




#9
Benzaldehyde
Concen: 28.921 ng
RT: 7.284 min Scan# 715
Delta R.T. -0.008 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

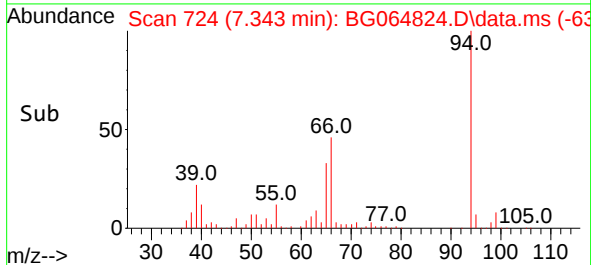
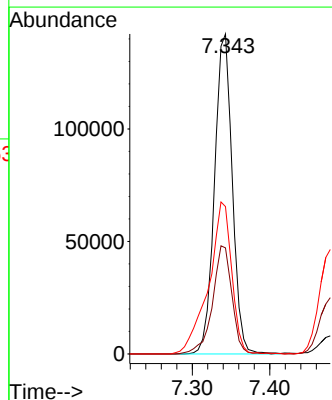
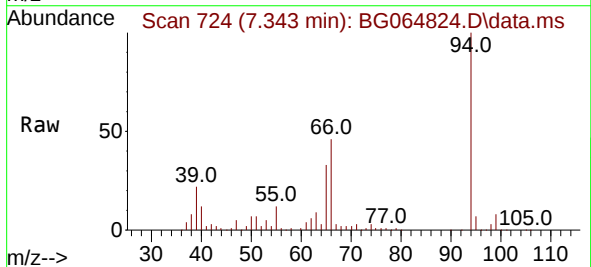
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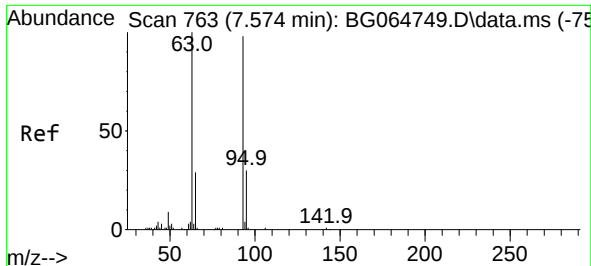
Tgt Ion: 77 Resp: 86137
Ion Ratio Lower Upper
77 100
105 98.3 83.8 123.8
106 94.9 74.3 114.3



#10
Phenol
Concen: 45.682 ng
RT: 7.343 min Scan# 724
Delta R.T. 0.004 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion: 94 Resp: 226145
Ion Ratio Lower Upper
94 100
65 33.2 17.0 57.0
66 46.0 29.8 69.8

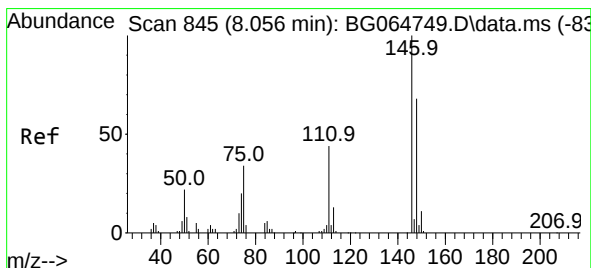
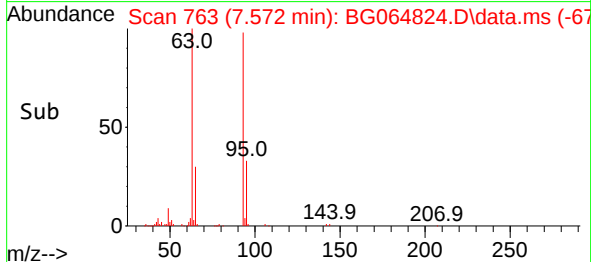
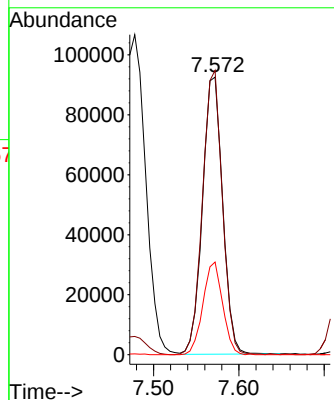
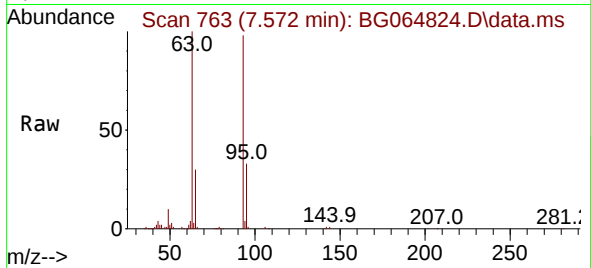




#11
bis(2-Chloroethyl)ether
Concen: 43.200 ng
RT: 7.572 min Scan# 763
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

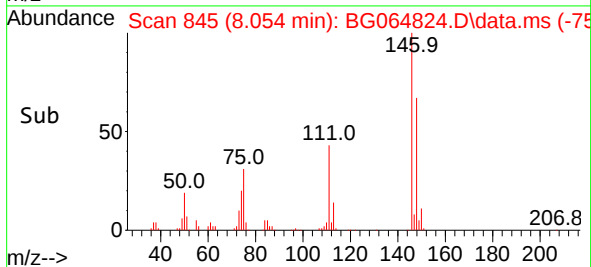
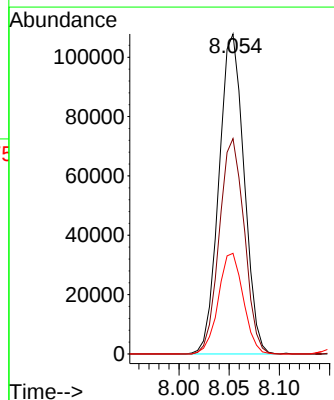
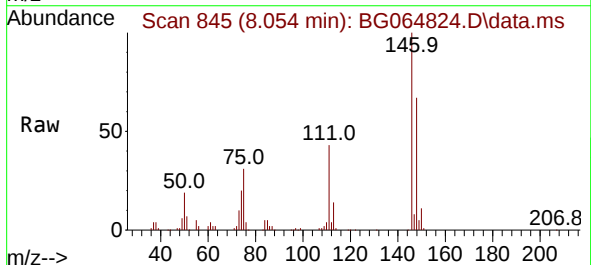
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

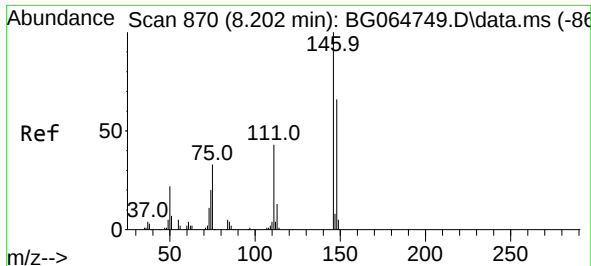
Tgt Ion: 93 Resp: 152181
Ion Ratio Lower Upper
93 100
63 102.4 81.8 121.8
95 33.4 10.3 50.3



#12
1,3-Dichlorobenzene
Concen: 43.283 ng
RT: 8.054 min Scan# 845
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:146 Resp: 187075
Ion Ratio Lower Upper
146 100
148 67.3 54.6 82.0
75 31.4 27.6 41.4

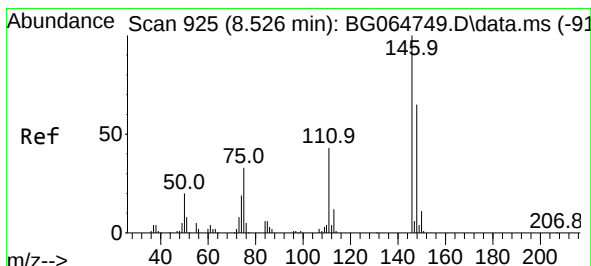
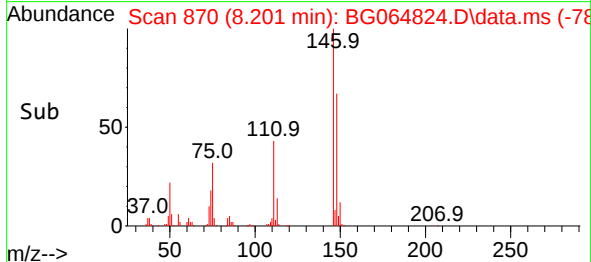
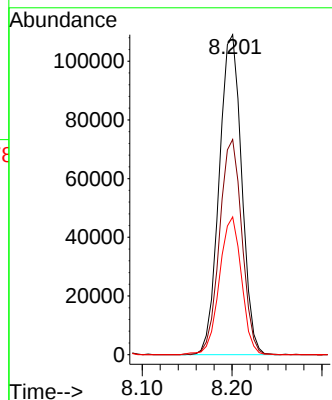
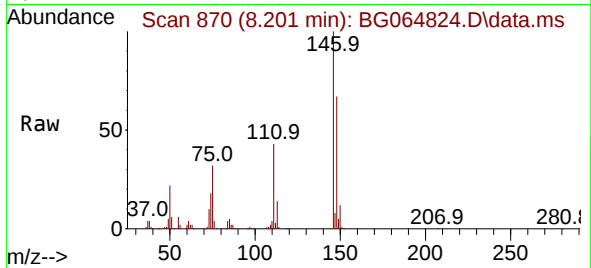




#13
1,4-Dichlorobenzene
Concen: 42.998 ng
RT: 8.201 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

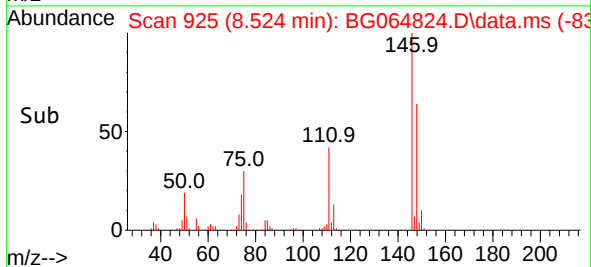
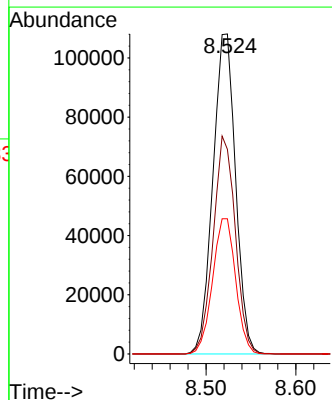
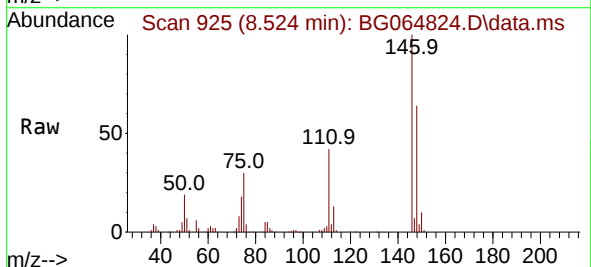
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

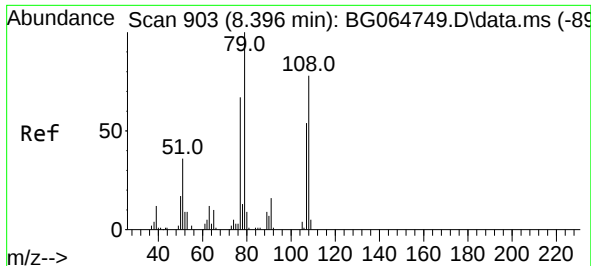
Tgt Ion:146 Resp: 189239
Ion Ratio Lower Upper
146 100
148 67.3 53.1 79.7
111 43.0 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 44.507 ng
RT: 8.524 min Scan# 925
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:146 Resp: 189929
Ion Ratio Lower Upper
146 100
148 63.9 52.0 78.0
111 42.2 34.7 52.1

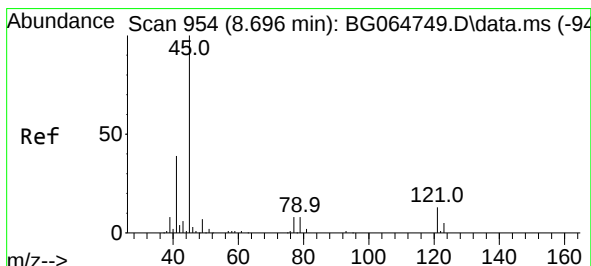
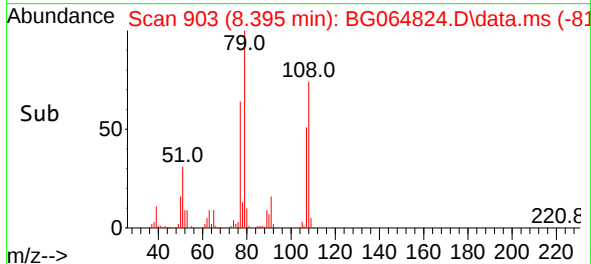
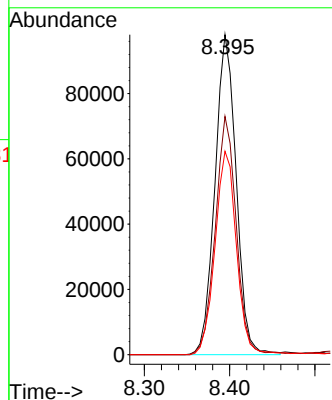
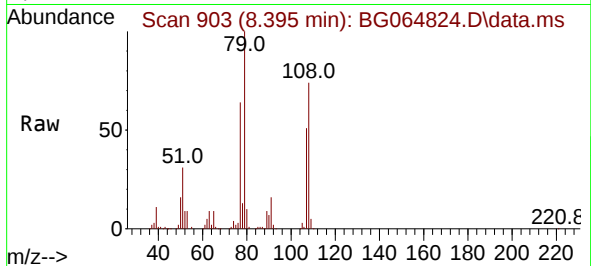




#15
Benzyl Alcohol
Concen: 45.439 ng
RT: 8.395 min Scan# 903
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

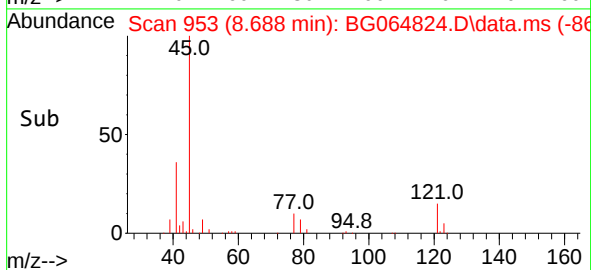
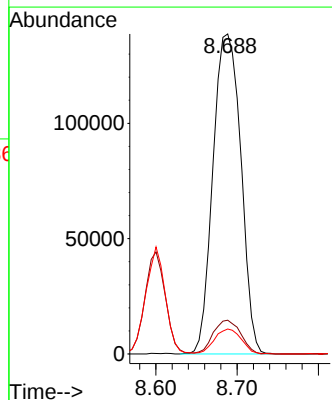
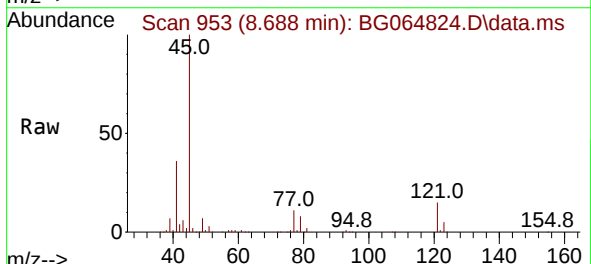
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

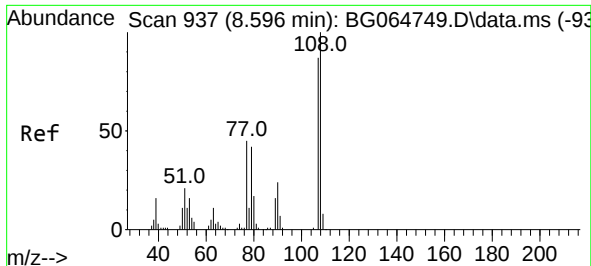
Tgt Ion: 79 Resp: 169698
Ion Ratio Lower Upper
79 100
108 74.4 62.3 93.5
77 63.5 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.666 ng
RT: 8.688 min Scan# 953
Delta R.T. -0.008 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

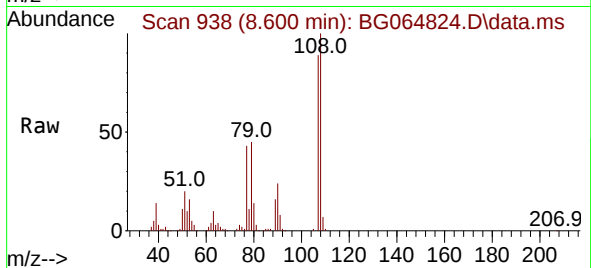
Tgt Ion: 45 Resp: 330740
Ion Ratio Lower Upper
45 100
77 10.6 0.0 28.8
79 7.8 0.0 28.1



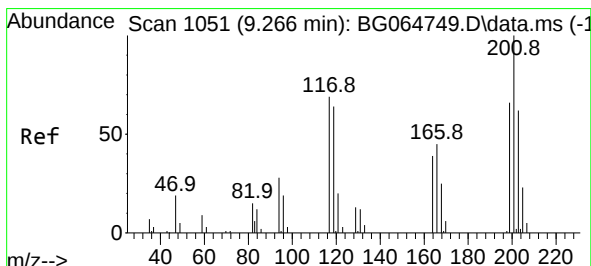
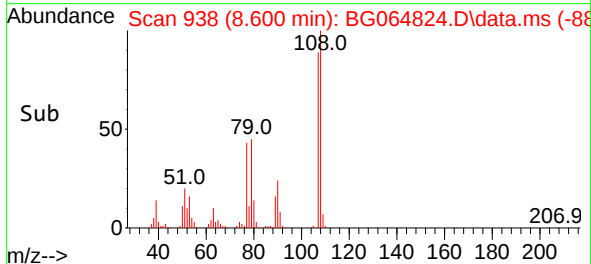
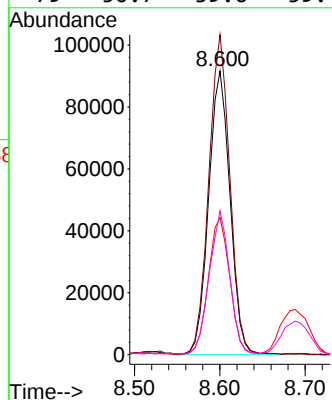


#17
2-Methylphenol
Concen: 45.621 ng
RT: 8.600 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Instrument :
BNA_G
ClientSampleId :
PB170608BSD

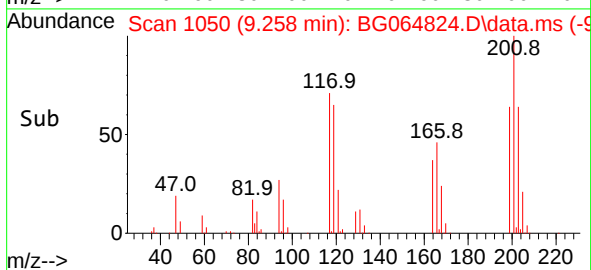
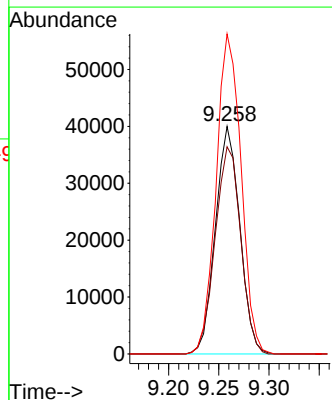
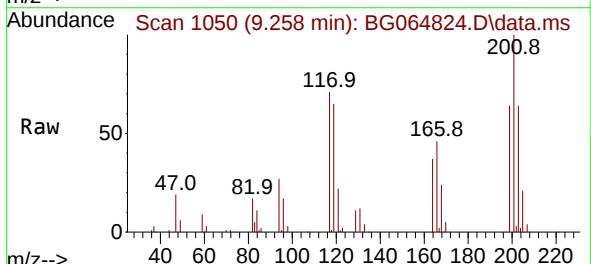


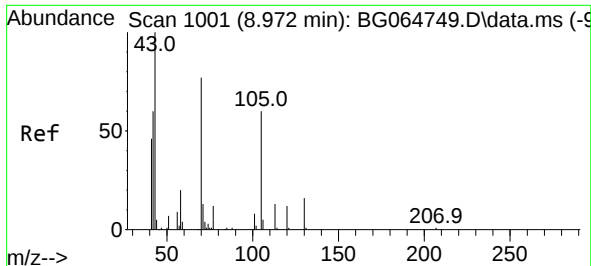
Tgt Ion:	107	Resp:	159799
Ion	Ratio	Lower	Upper
107	100		
108	112.8	92.6	138.8
77	48.3	41.2	61.8
79	50.7	39.6	59.4



#18
Hexachloroethane
Concen: 40.617 ng
RT: 9.258 min Scan# 1050
Delta R.T. -0.008 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:	117	Resp:	67705
Ion	Ratio	Lower	Upper
117	100		
119	91.0	74.4	111.6
201	140.6	116.5	174.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.666 ng

RT: 8.970 min Scan# 1001

Delta R.T. -0.002 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Instrument :

BNA_G

ClientSampleId :

PB170608BSD

Tgt Ion: 70 Resp: 137408

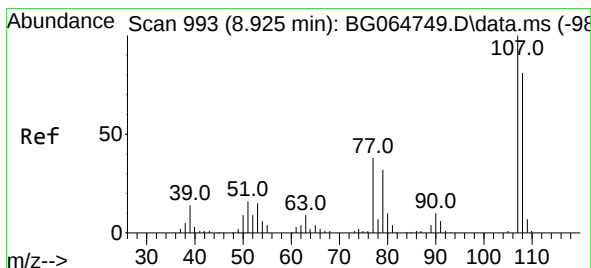
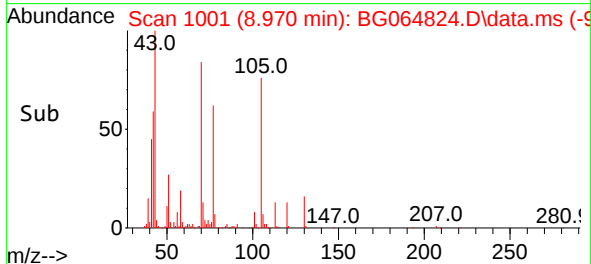
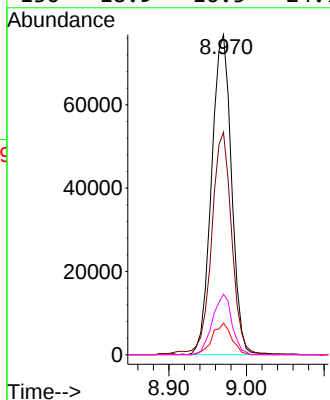
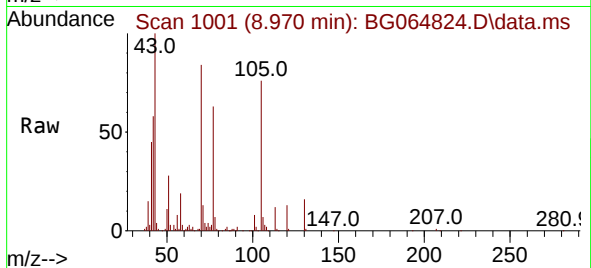
Ion Ratio Lower Upper

70 100

42 69.5 62.6 93.8

101 9.9 8.0 12.0

130 18.9 16.5 24.7



#20

3+4-Methylphenols

Concen: 45.609 ng

RT: 8.929 min Scan# 994

Delta R.T. 0.004 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Tgt Ion: 107 Resp: 218860

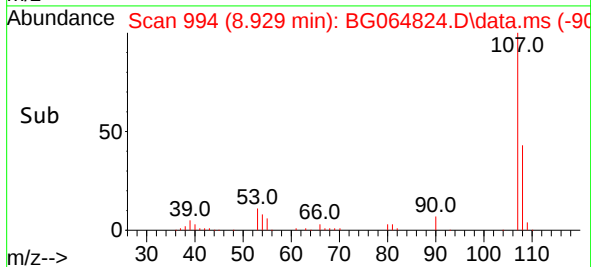
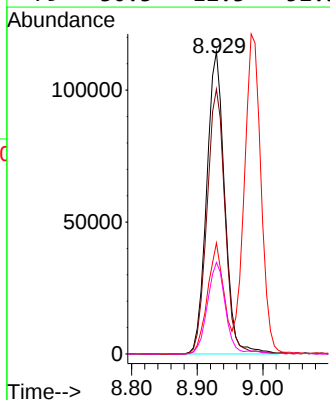
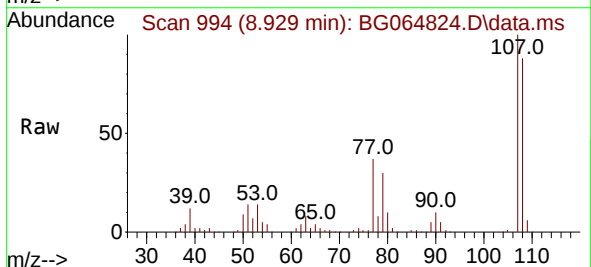
Ion Ratio Lower Upper

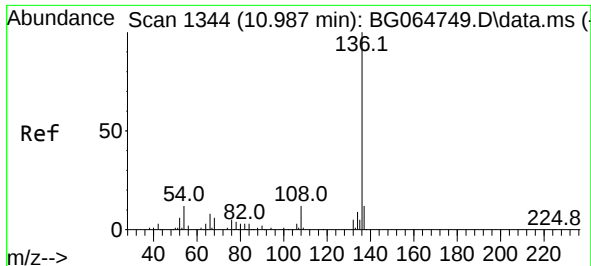
107 100

108 87.6 61.0 101.0

77 36.8 17.6 57.6

79 30.3 12.3 52.3

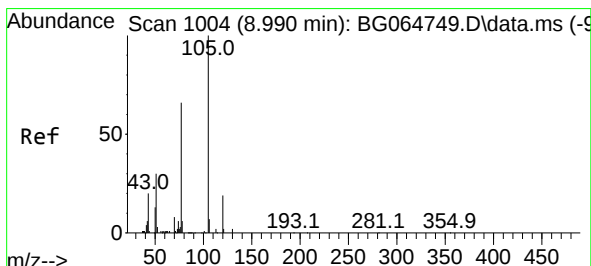
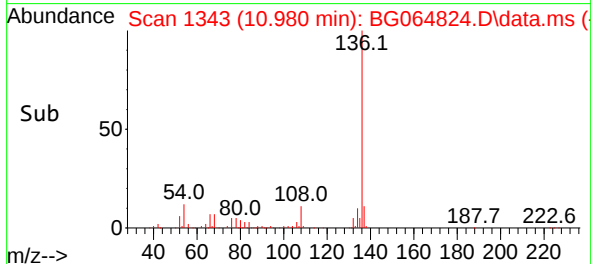
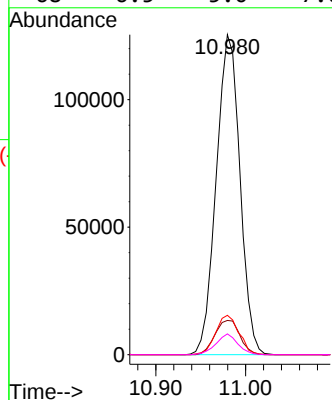
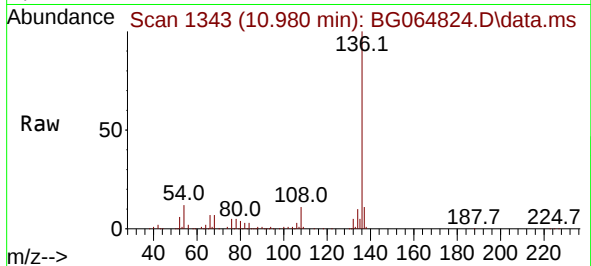




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

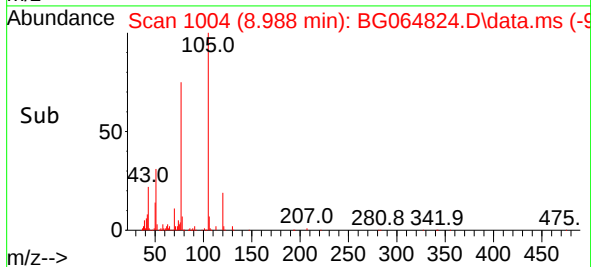
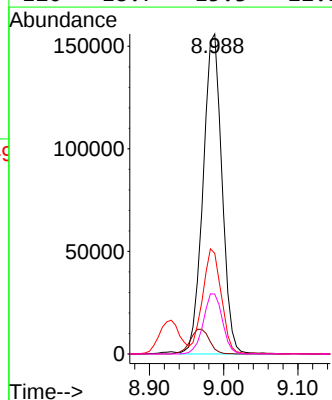
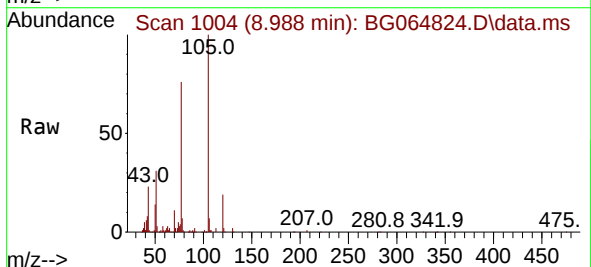
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

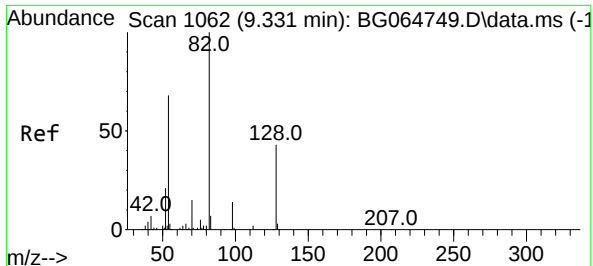
Tgt Ion:	136	Resp:	230122
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.3	13.9
54	12.3	9.3	13.9
68	6.5	5.0	7.6



#22
Acetophenone
Concen: 44.080 ng
RT: 8.988 min Scan# 1004
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:	105	Resp:	276359
Ion Ratio	Lower	Upper	
105	100		
71	1.5	1.3	1.9
51	31.4	27.9	41.9
120	18.7	15.3	22.9

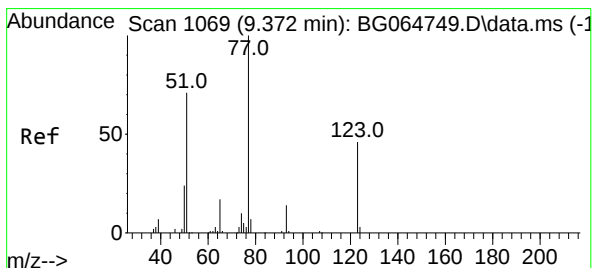
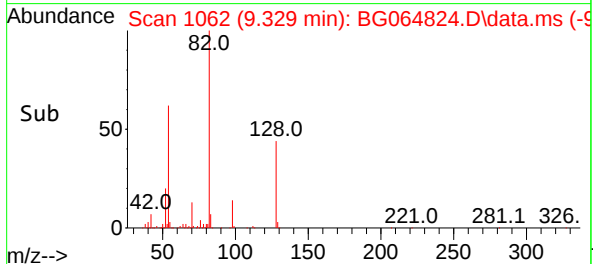
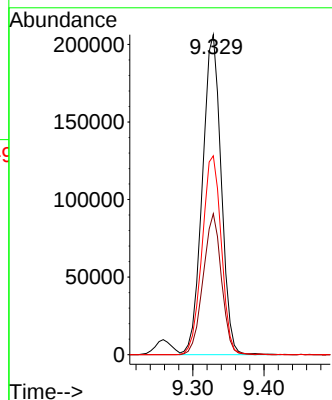
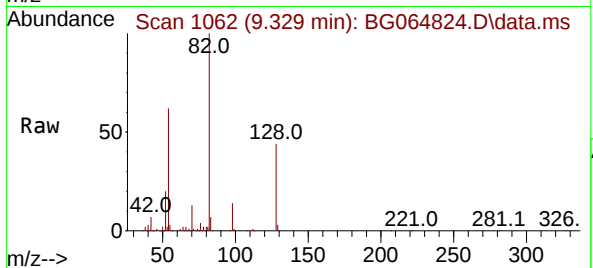




#23
Nitrobenzene-d5
Concen: 81.438 ng
RT: 9.329 min Scan# 1062
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

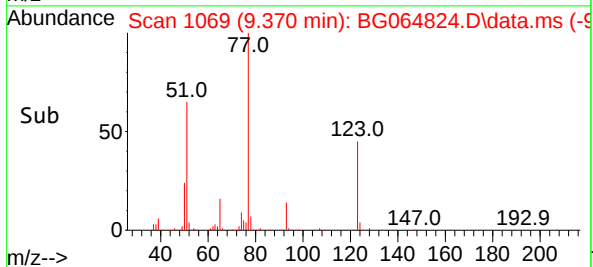
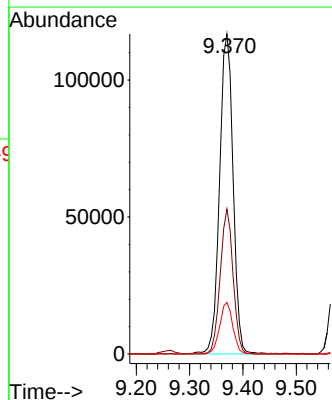
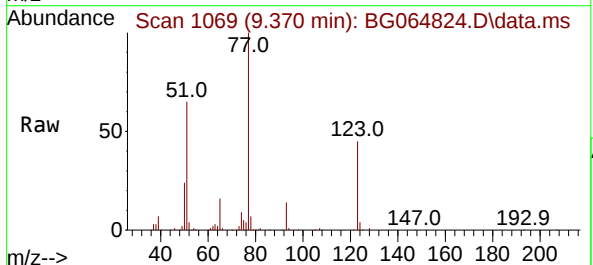
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

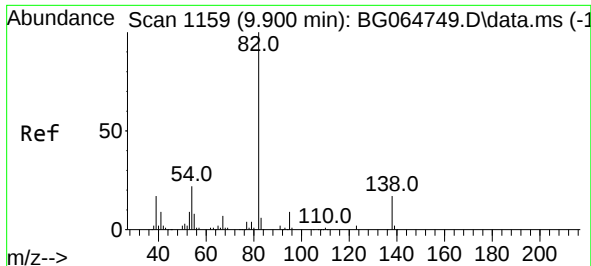
Tgt Ion: 82 Resp: 379035
Ion Ratio Lower Upper
82 100
128 44.0 34.1 51.1
54 62.2 54.3 81.5



#24
Nitrobenzene
Concen: 43.707 ng
RT: 9.370 min Scan# 1069
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion: 77 Resp: 205544
Ion Ratio Lower Upper
77 100
123 45.3 36.5 54.7
65 16.1 13.5 20.3

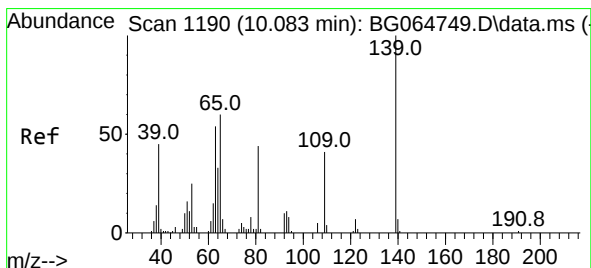
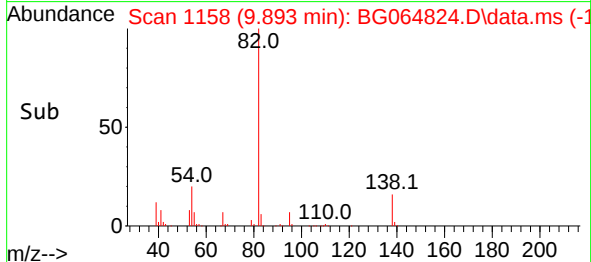
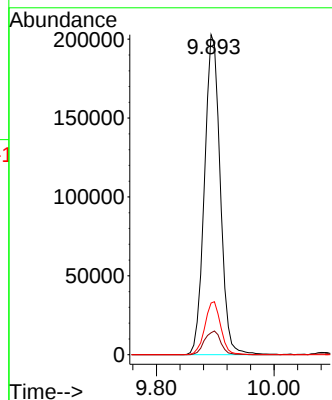
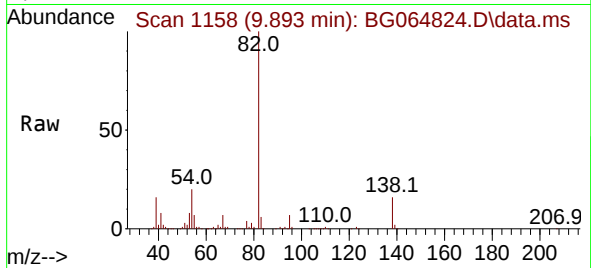




#25
Isophorone
Concen: 42.542 ng
RT: 9.893 min Scan# 1158
Delta R.T. -0.008 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

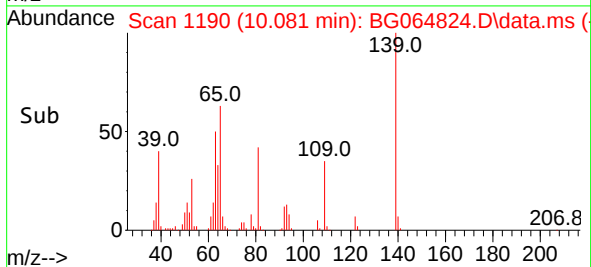
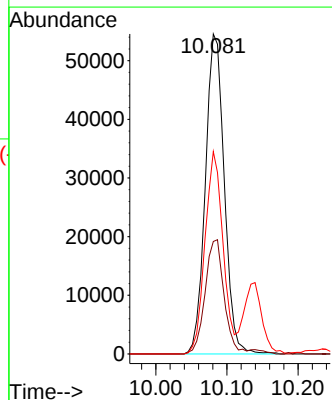
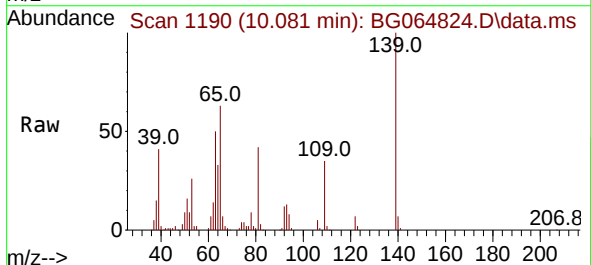
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

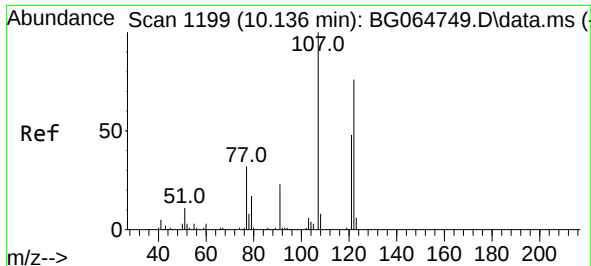
Tgt Ion: 82 Resp: 377062
Ion Ratio Lower Upper
82 100
95 6.8 6.9 10.3#
138 16.2 13.9 20.9



#26
2-Nitrophenol
Concen: 47.714 ng
RT: 10.081 min Scan# 1190
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:139 Resp: 100928
Ion Ratio Lower Upper
139 100
109 35.2 32.5 48.7
65 63.2 47.6 71.4

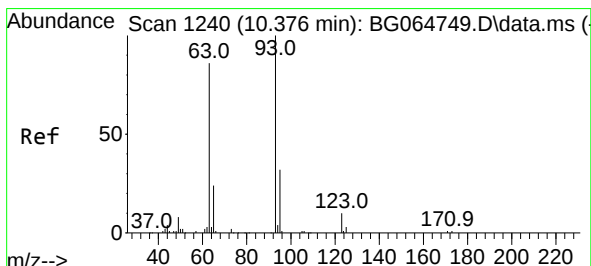
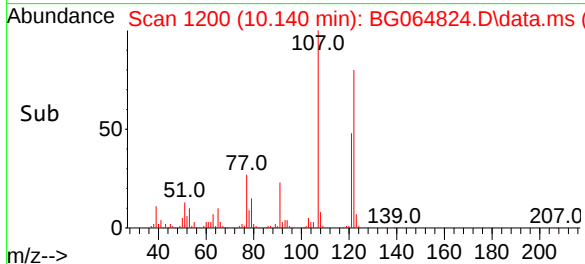
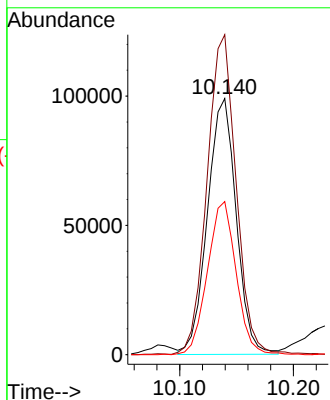
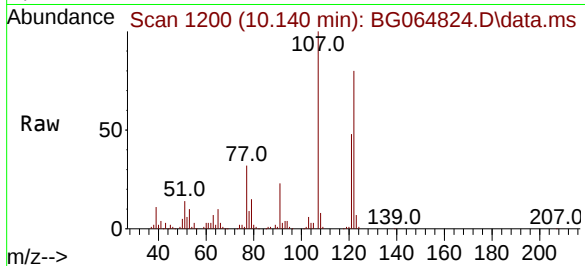




#27
2,4-Dimethylphenol
Concen: 46.467 ng
RT: 10.140 min Scan# 1199
Delta R.T. 0.004 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

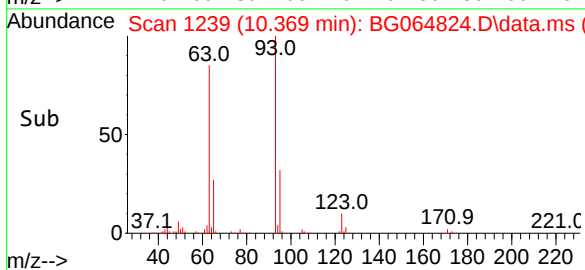
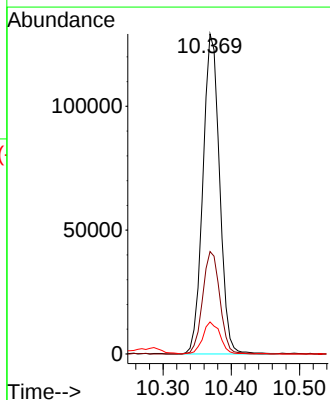
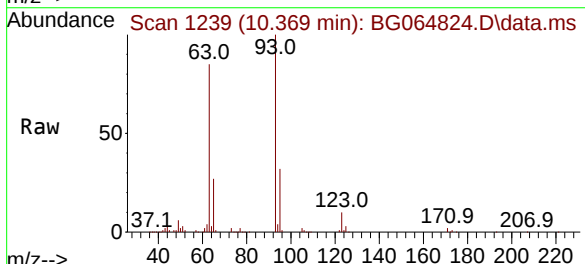
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

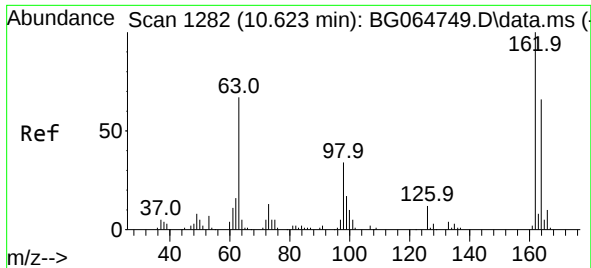
Tgt Ion:122 Resp: 174618
Ion Ratio Lower Upper
122 100
107 124.9 102.5 153.7
121 59.8 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.216 ng
RT: 10.369 min Scan# 1239
Delta R.T. -0.008 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion: 93 Resp: 220015
Ion Ratio Lower Upper
93 100
95 32.0 25.4 38.2
123 10.0 8.1 12.1

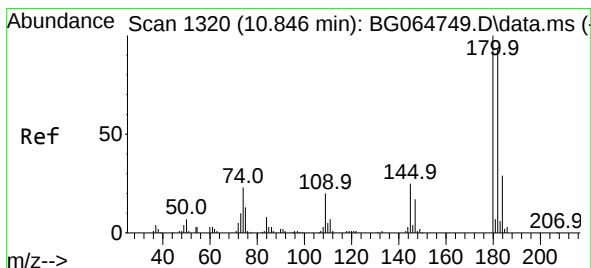
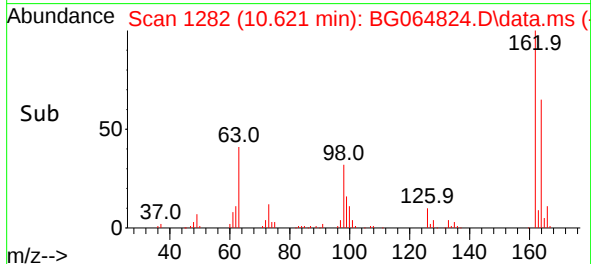
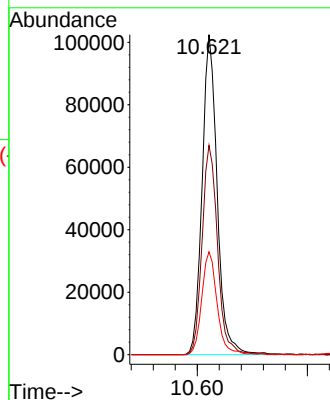
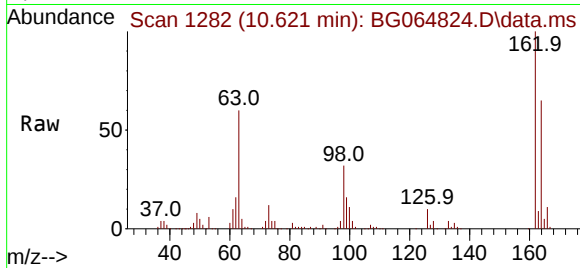




#29
2,4-Dichlorophenol
Concen: 48.277 ng
RT: 10.621 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

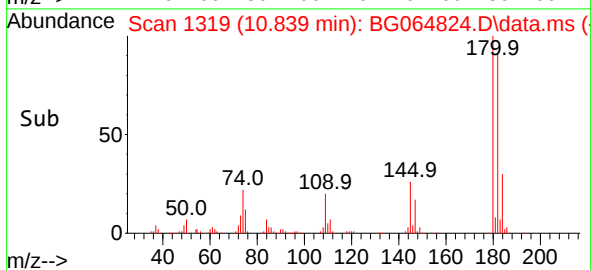
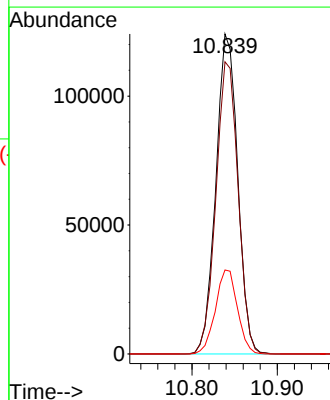
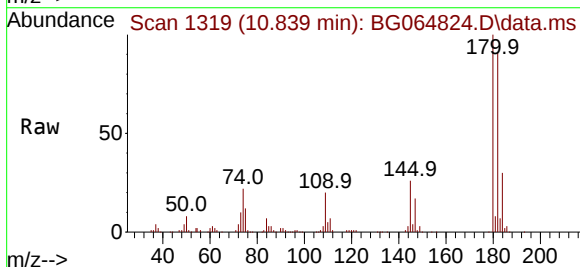
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

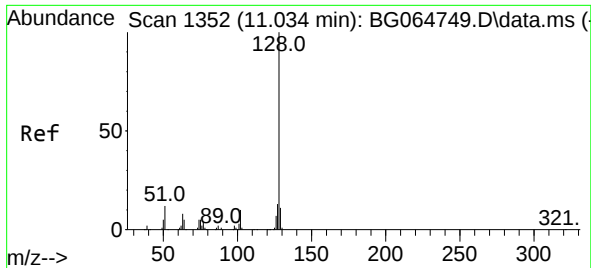
Tgt Ion:162 Resp: 194777
Ion Ratio Lower Upper
162 100
164 65.4 46.0 86.0
98 32.1 14.2 54.2



#30
1,2,4-Trichlorobenzene
Concen: 45.297 ng
RT: 10.839 min Scan# 1319
Delta R.T. -0.008 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:180 Resp: 220679
Ion Ratio Lower Upper
180 100
182 91.3 74.2 111.4
145 26.3 20.0 30.0

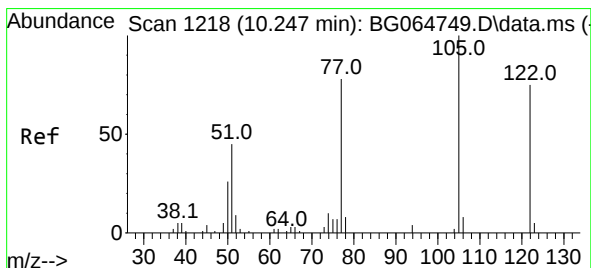
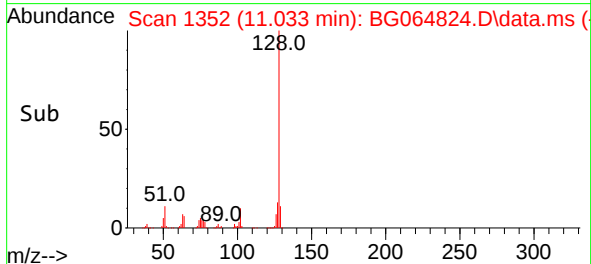
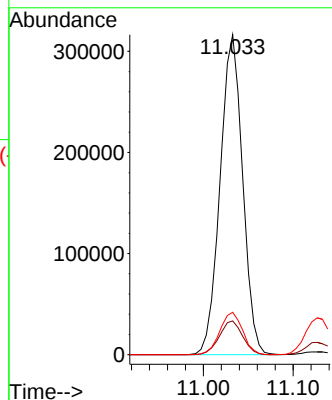
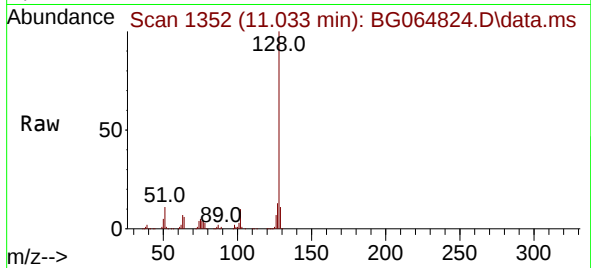




#31
Naphthalene
Concen: 42.209 ng
RT: 11.033 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

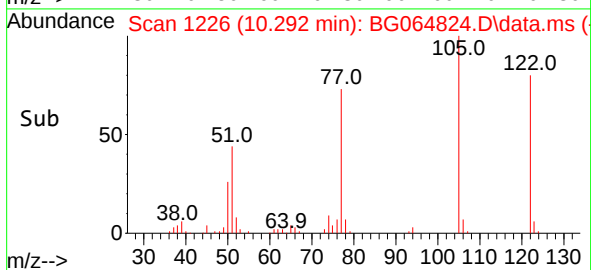
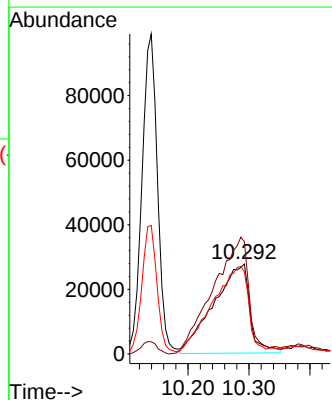
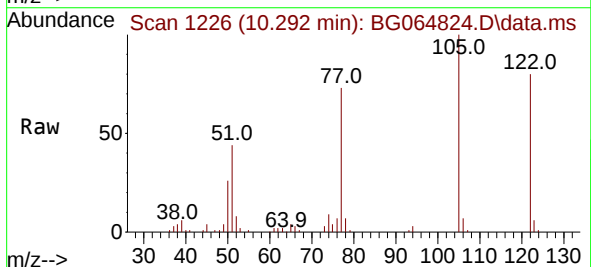
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

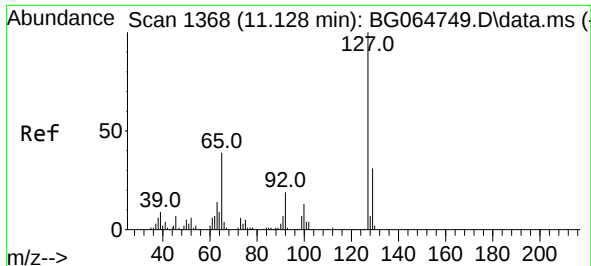
Tgt Ion:128 Resp: 550618
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 43.571 ng
RT: 10.292 min Scan# 1226
Delta R.T. 0.045 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:122 Resp: 113921
Ion Ratio Lower Upper
122 100
105 124.9 107.6 147.6
77 91.4 82.5 122.5

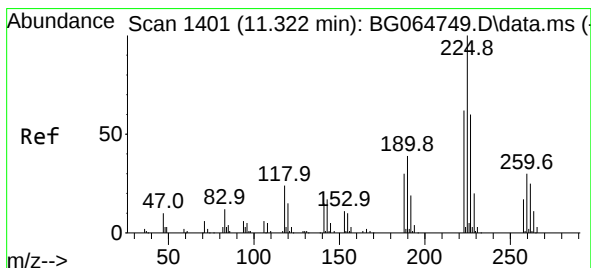
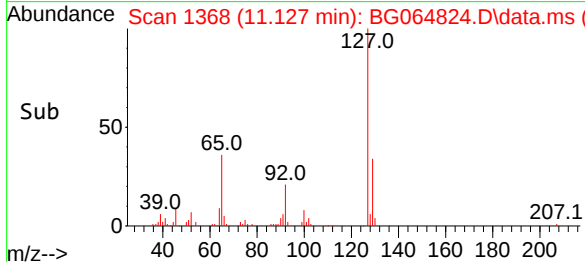
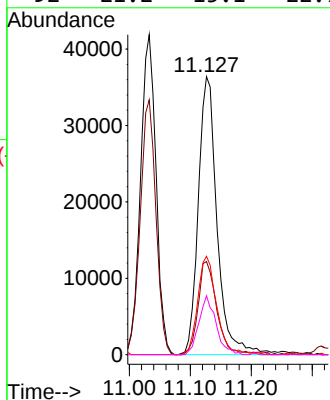
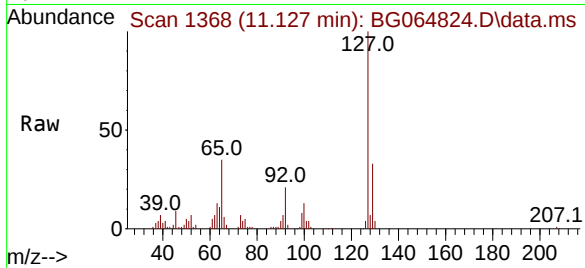




#33
4-Chloroaniline
Concen: 14.974 ng
RT: 11.127 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

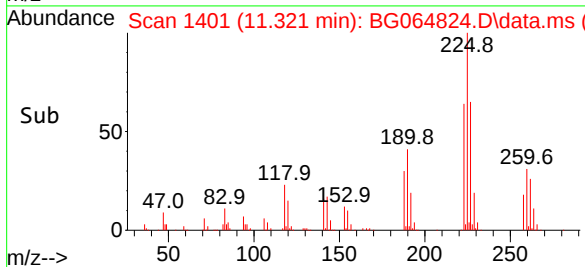
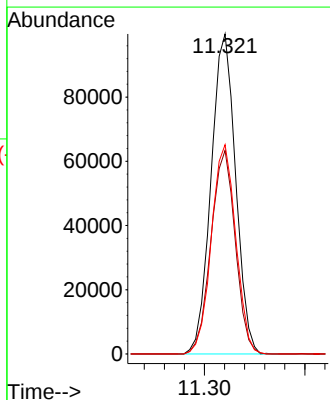
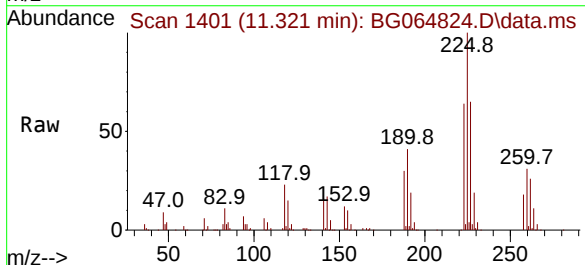
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

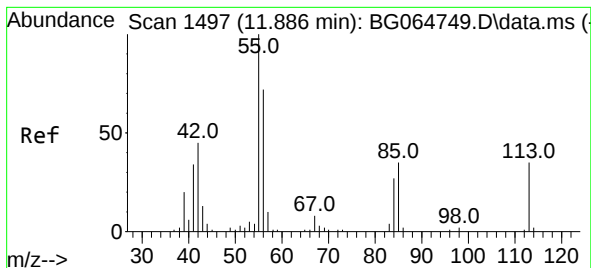
Tgt Ion:	127	Resp:	78140
Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.9	37.3
65	35.4	30.9	46.3
92	21.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 40.450 ng
RT: 11.321 min Scan# 1401
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:	225	Resp:	169083
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.9	74.9
227	68.4	50.6	75.8





#35

Caprolactam

Concen: 23.897 ng

RT: 11.902 min Scan# 1

Delta R.T. 0.016 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Instrument :

BNA_G

ClientSampleId :

PB170608BSD

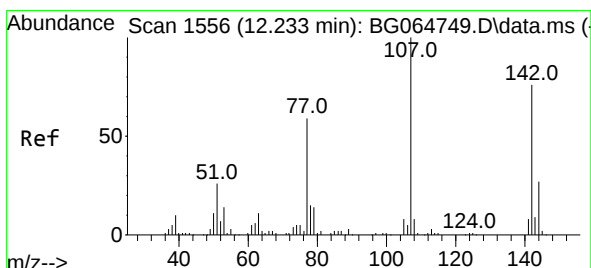
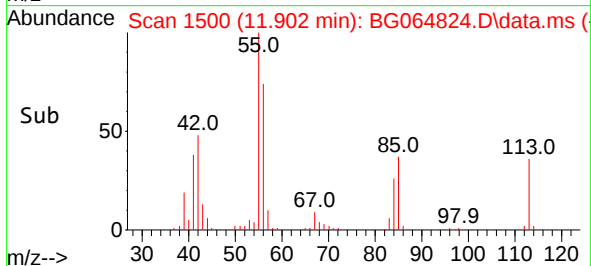
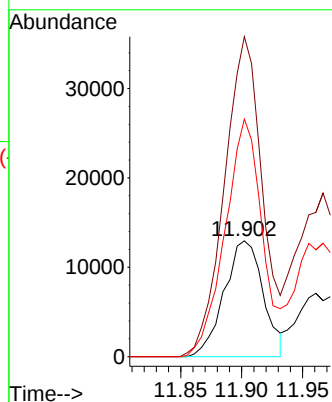
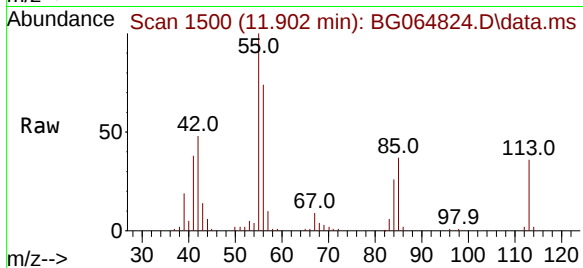
Tgt Ion:113 Resp: 28837

Ion Ratio Lower Upper

113 100

55 276.4 263.7 303.7

56 205.2 184.0 224.0



#36

4-Chloro-3-methylphenol

Concen: 44.603 ng

RT: 12.237 min Scan# 1557

Delta R.T. 0.004 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

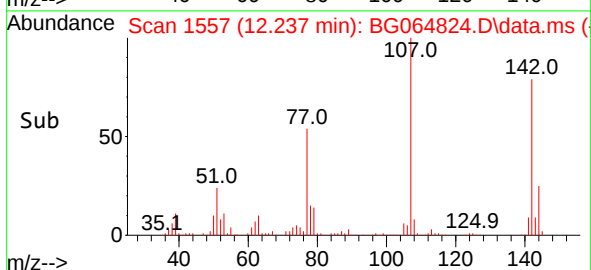
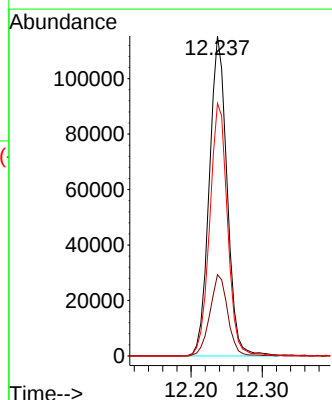
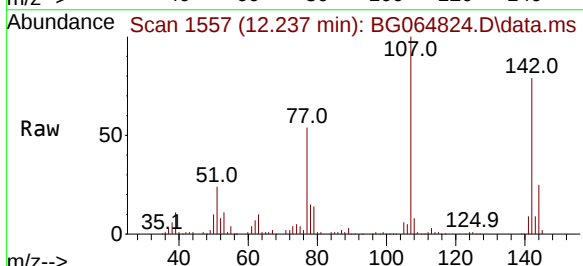
Tgt Ion:107 Resp: 200297

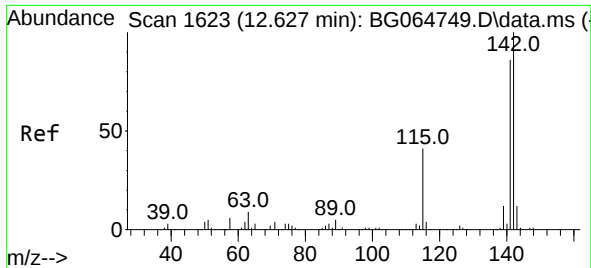
Ion Ratio Lower Upper

107 100

144 25.4 21.7 32.5

142 79.0 60.8 91.2

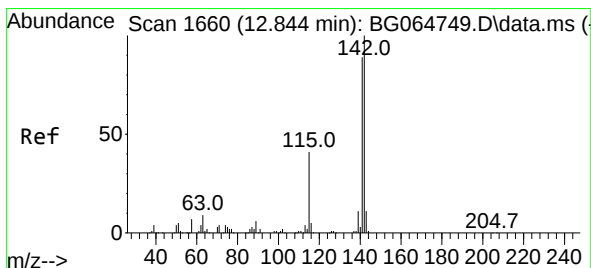
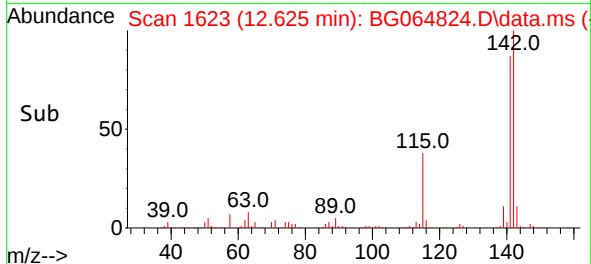
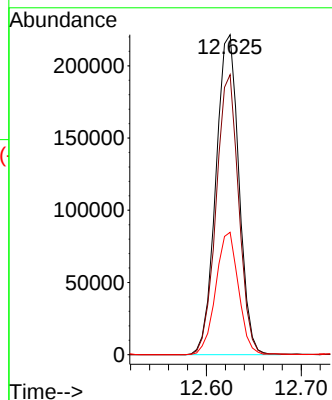
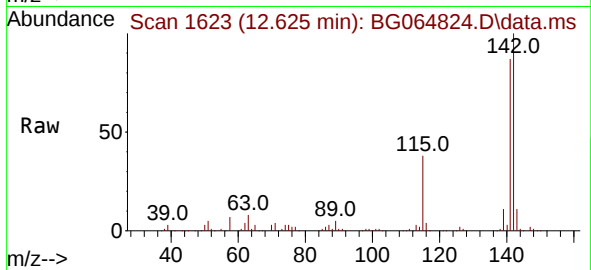




#37
2-Methylnaphthalene
Concen: 38.341 ng
RT: 12.625 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

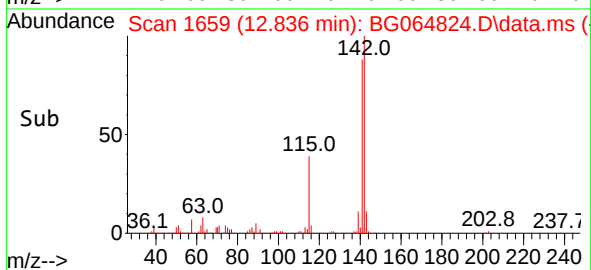
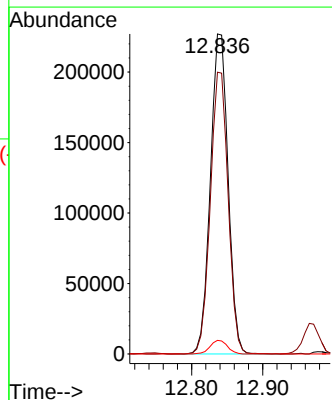
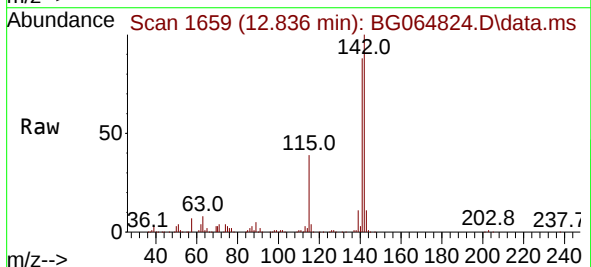
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

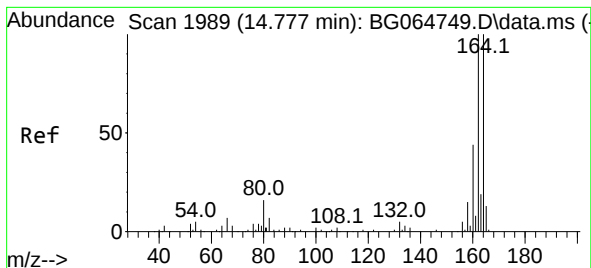
Tgt Ion:142 Resp: 374287
Ion Ratio Lower Upper
142 100
141 87.5 69.1 103.7
115 38.3 32.9 49.3



#38
1-Methylnaphthalene
Concen: 40.537 ng
RT: 12.836 min Scan# 1659
Delta R.T. -0.008 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:142 Resp: 393088
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2
116 4.2 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Instrument :

BNA_G

ClientSampleId :

PB170608BSD

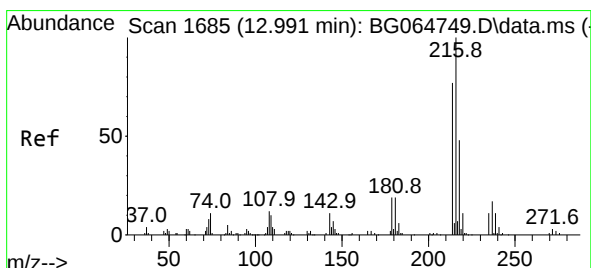
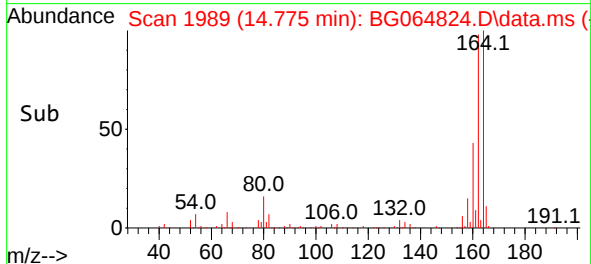
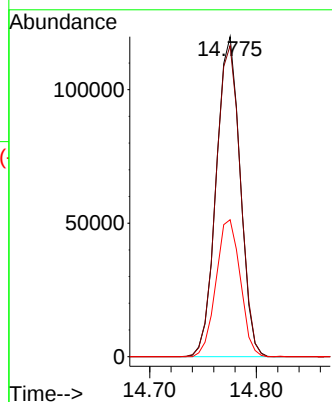
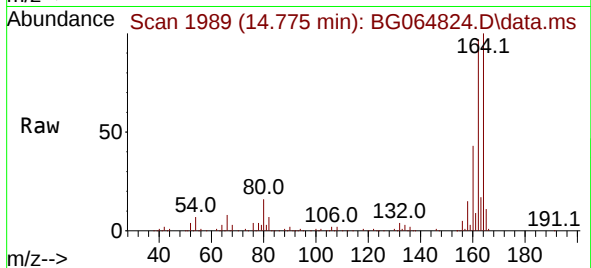
Tgt Ion:164 Resp: 186302

Ion Ratio Lower Upper

164 100

162 97.2 79.8 119.6

160 42.8 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.531 ng

RT: 12.989 min Scan# 1685

Delta R.T. -0.002 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Tgt Ion:216 Resp: 308367

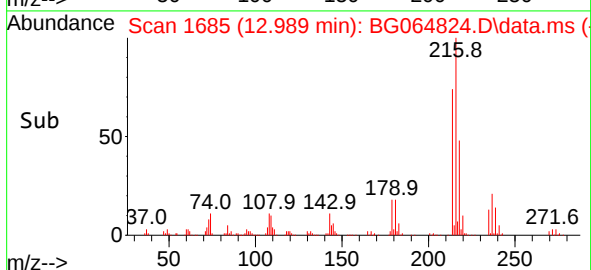
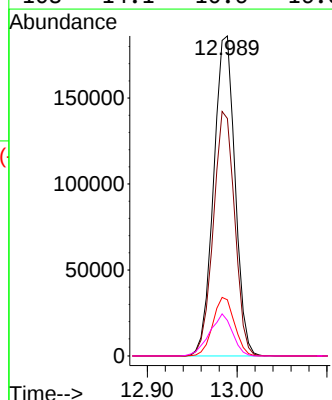
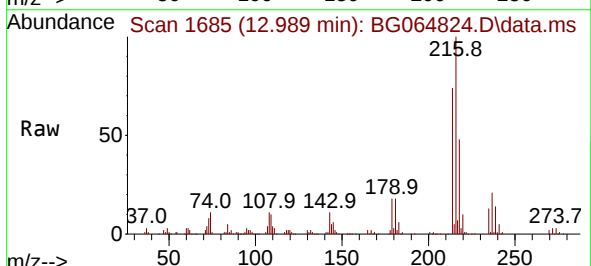
Ion Ratio Lower Upper

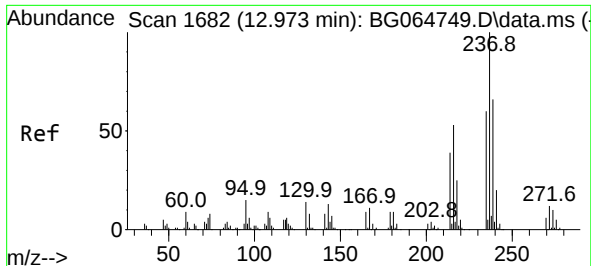
216 100

214 76.1 60.5 90.7

179 18.5 14.7 22.1

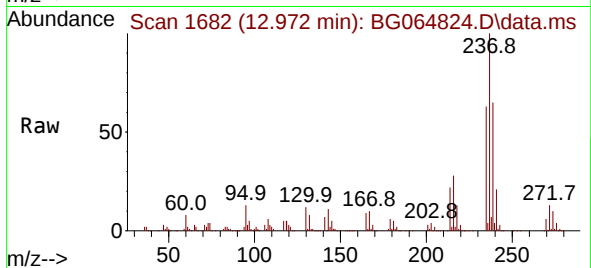
108 14.1 10.6 16.0



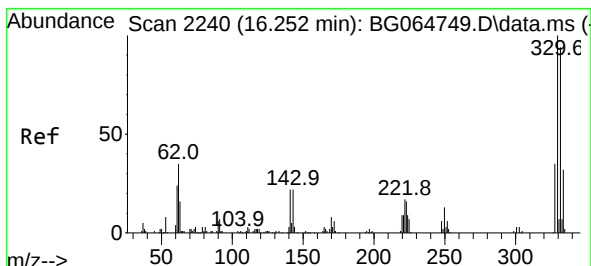
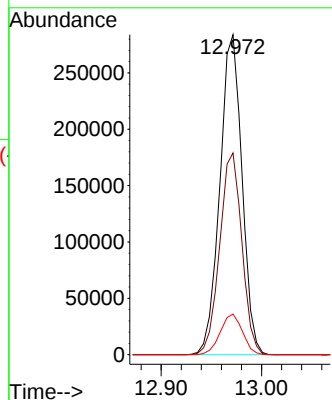
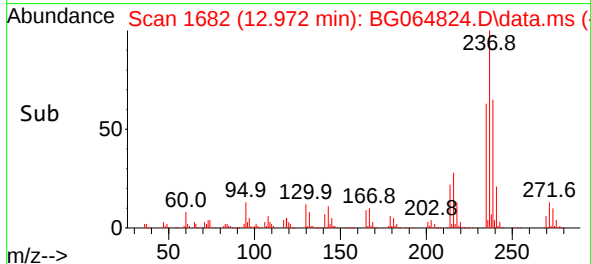


#41
Hexachlorocyclopentadiene
Concen: 83.455 ng
RT: 12.972 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

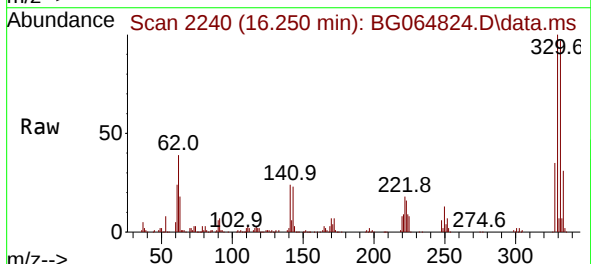
Instrument :
BNA_G
ClientSampleId :
PB170608BSD



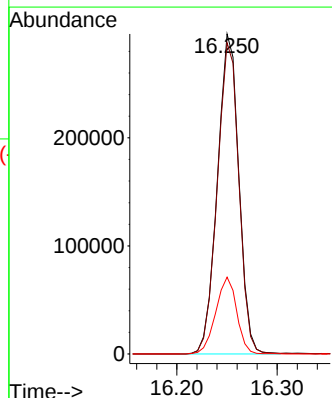
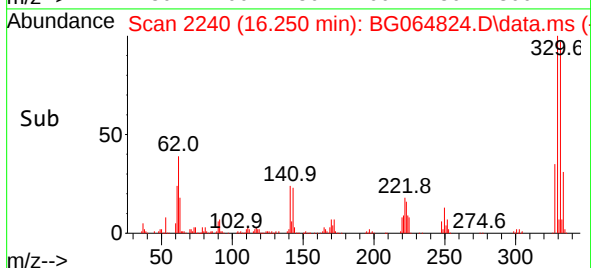
Tgt Ion:237 Resp: 433702
Ion Ratio Lower Upper
237 100
235 63.1 40.2 80.2
272 12.7 0.0 31.9

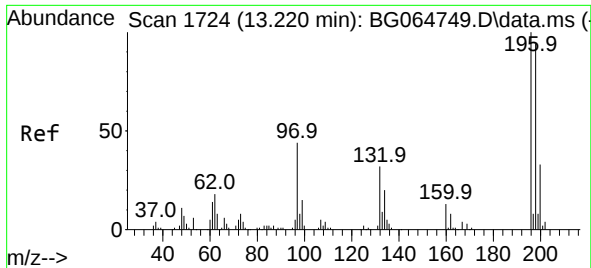


#42
2,4,6-Tribromophenol
Concen: 120.968 ng
RT: 16.250 min Scan# 2240
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47



Tgt Ion:330 Resp: 439533
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 23.4 18.2 27.2

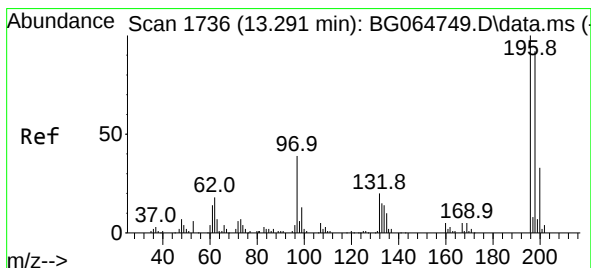
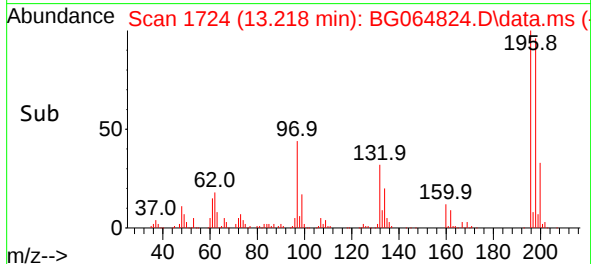
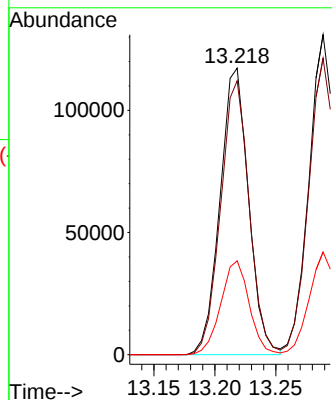
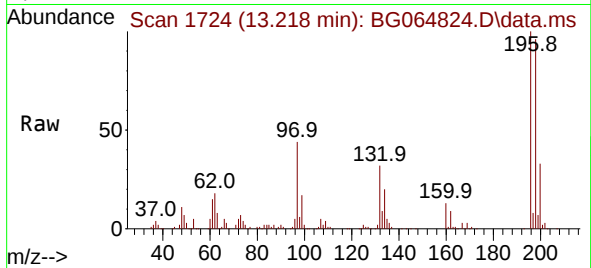




#43
2,4,6-Trichlorophenol
Concen: 45.085 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

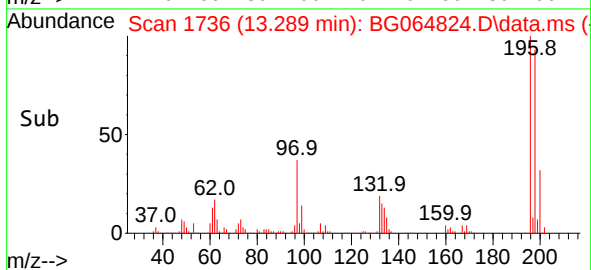
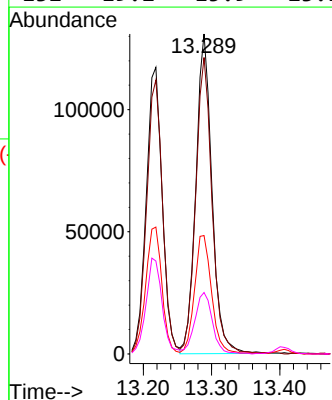
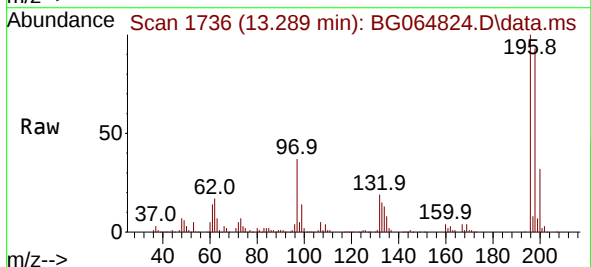
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

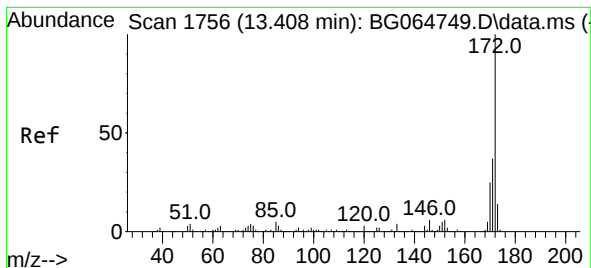
Tgt Ion:196 Resp: 191851
Ion Ratio Lower Upper
196 100
198 95.6 75.3 112.9
200 32.8 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 44.924 ng
RT: 13.289 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:196 Resp: 214404
Ion Ratio Lower Upper
196 100
198 92.7 73.2 109.8
97 37.0 31.4 47.0
132 19.2 15.9 23.9

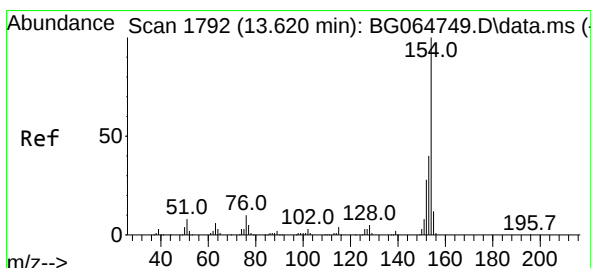
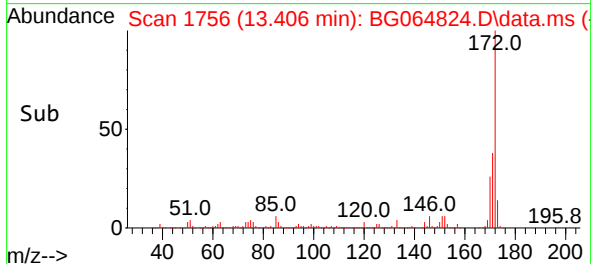
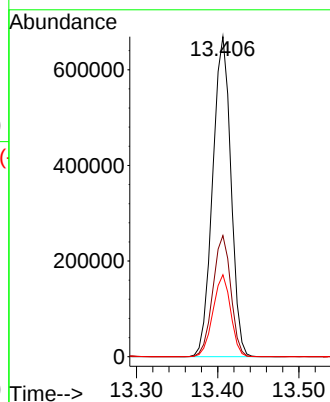
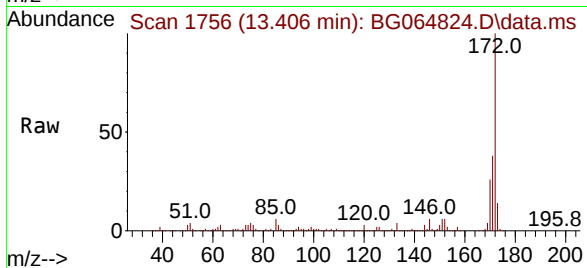




#45
2-Fluorobiphenyl
Concen: 78.221 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

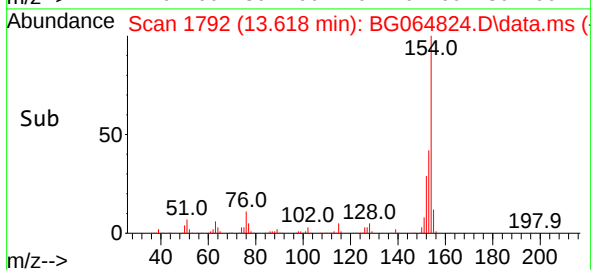
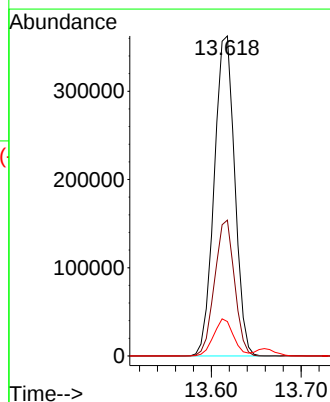
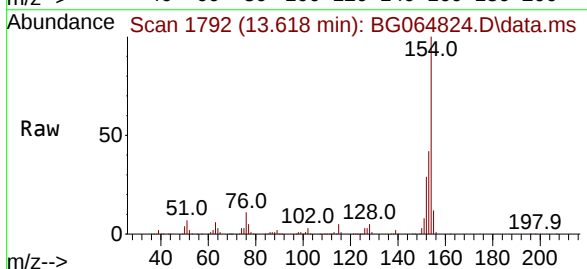
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

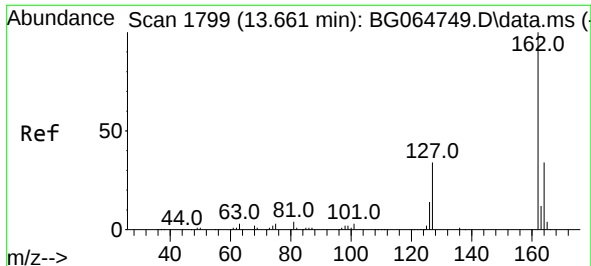
Tgt Ion:172 Resp: 1044390
Ion Ratio Lower Upper
172 100
171 37.8 29.9 44.9
170 25.6 19.8 29.6



#46
1,1'-Biphenyl
Concen: 42.946 ng
RT: 13.618 min Scan# 1792
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:154 Resp: 574649
Ion Ratio Lower Upper
154 100
153 42.5 19.8 59.8
76 10.8 0.0 30.0

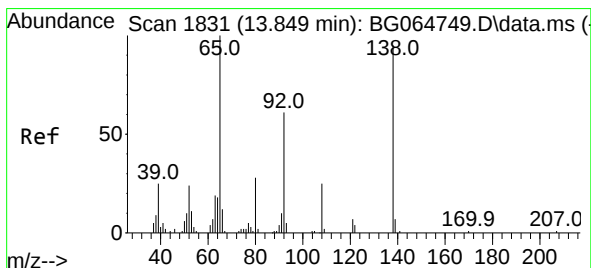
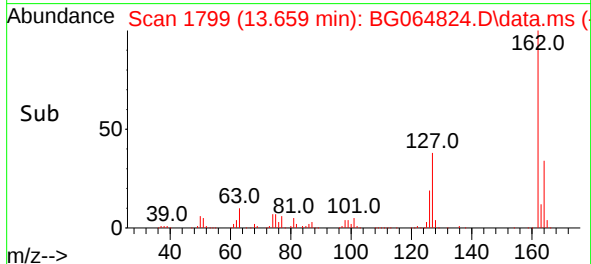
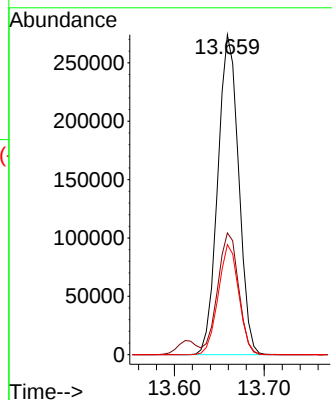
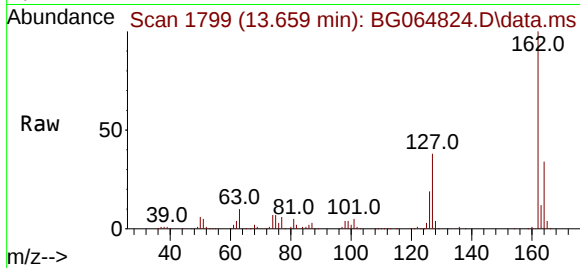




#47
2-Chloronaphthalene
Concen: 41.940 ng
RT: 13.659 min Scan# 1799
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

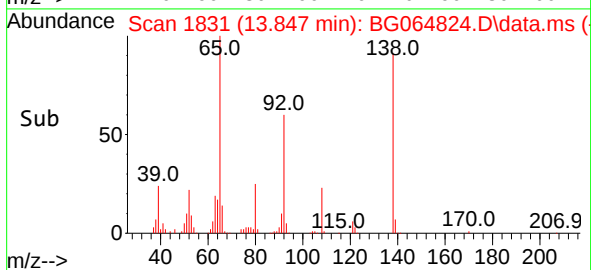
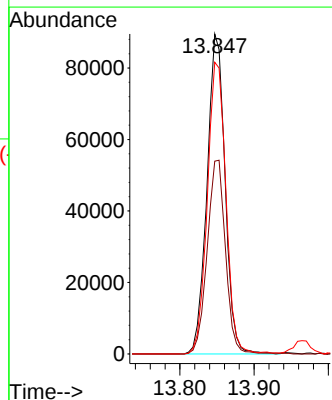
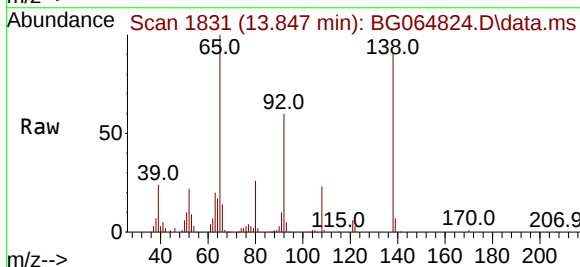
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

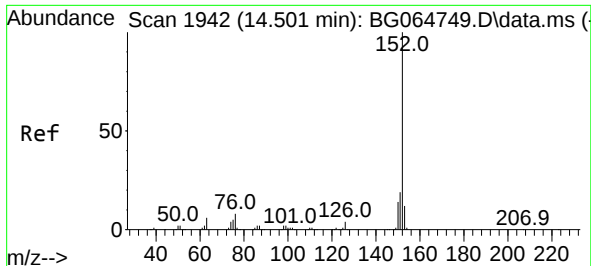
Tgt Ion:162 Resp: 442126
Ion Ratio Lower Upper
162 100
127 38.1 30.3 45.5
164 34.4 26.8 40.2



#48
2-Nitroaniline
Concen: 44.663 ng
RT: 13.847 min Scan# 1831
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion: 65 Resp: 151437
Ion Ratio Lower Upper
65 100
92 60.2 48.6 73.0
138 91.2 76.4 114.6

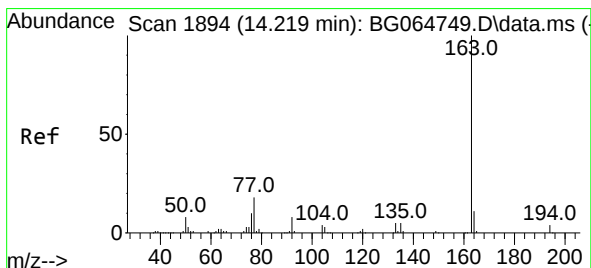
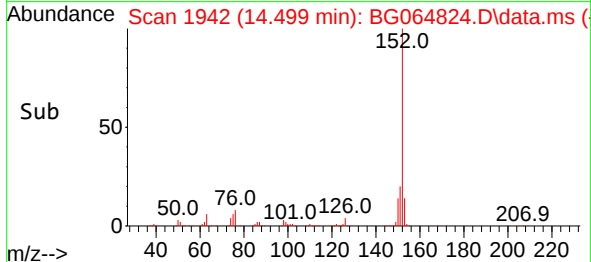
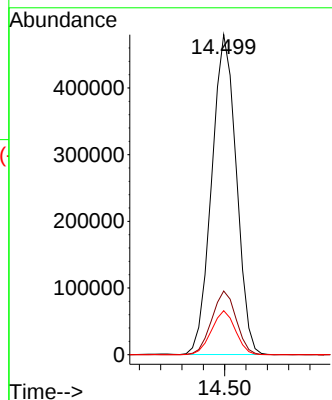
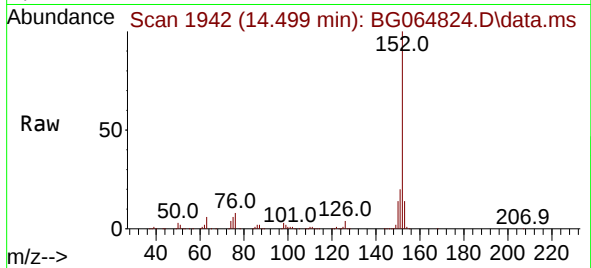




#49
Acenaphthylene
Concen: 42.677 ng
RT: 14.499 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

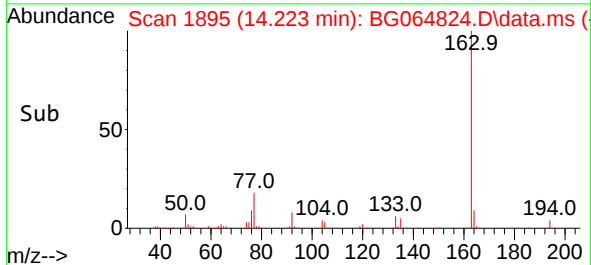
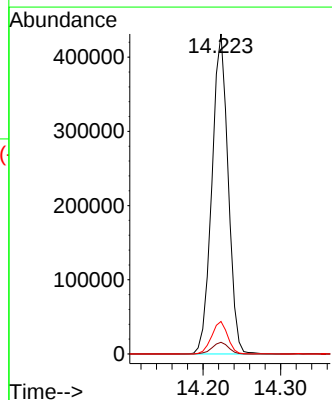
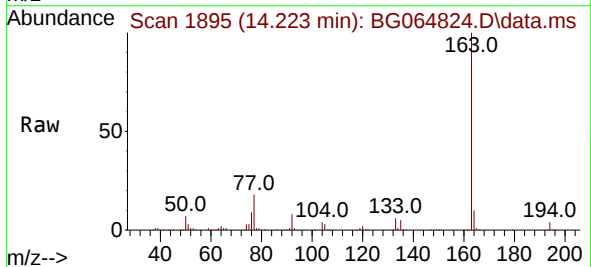
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

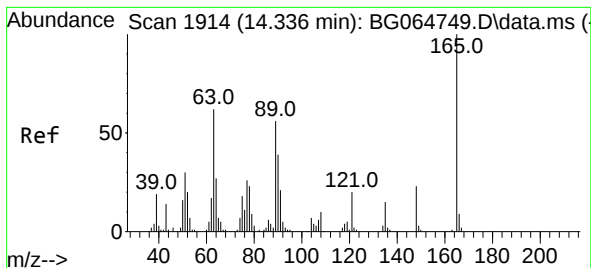
Tgt Ion:152 Resp: 768598
Ion Ratio Lower Upper
152 100
151 19.9 15.0 22.4
153 13.8 9.9 14.9



#50
Dimethylphthalate
Concen: 42.613 ng
RT: 14.223 min Scan# 1895
Delta R.T. 0.004 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:163 Resp: 627113
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.2 8.6 12.8

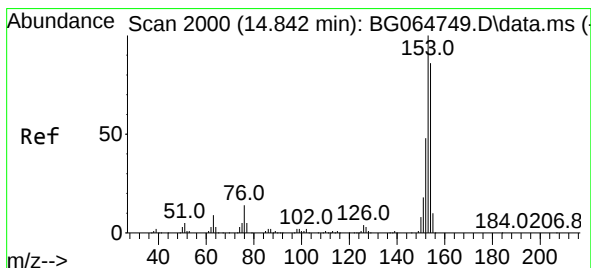
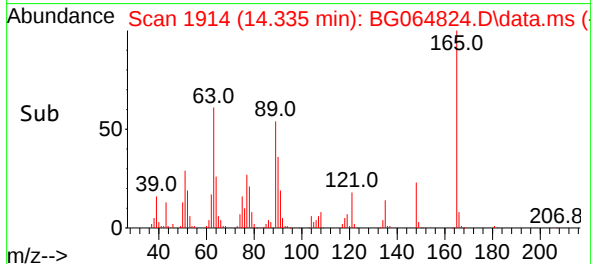
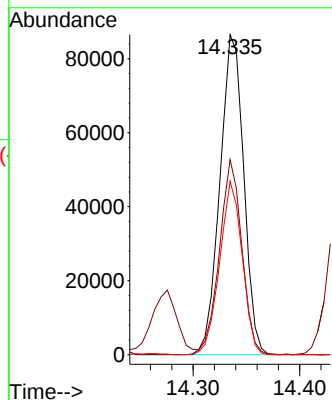
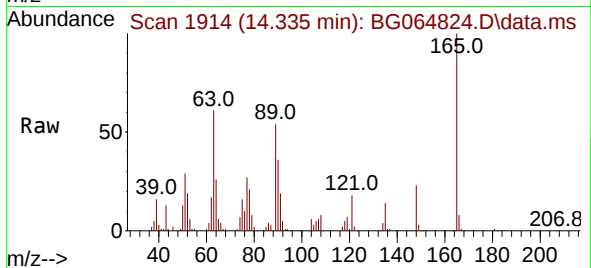




#51
2,6-Dinitrotoluene
Concen: 47.369 ng
RT: 14.335 min Scan# 1914
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

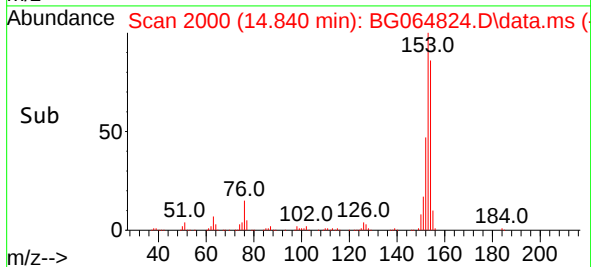
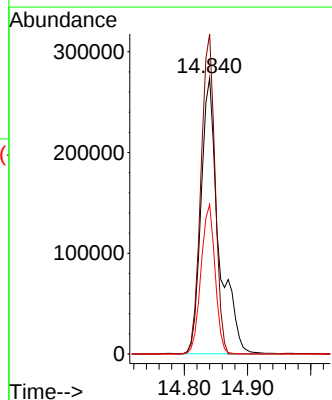
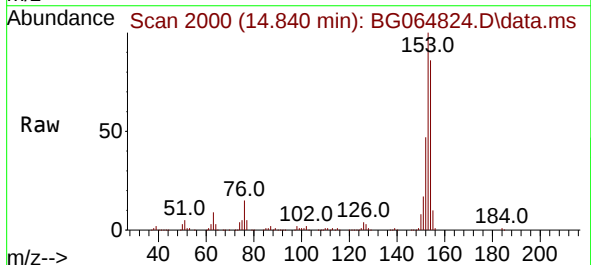
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

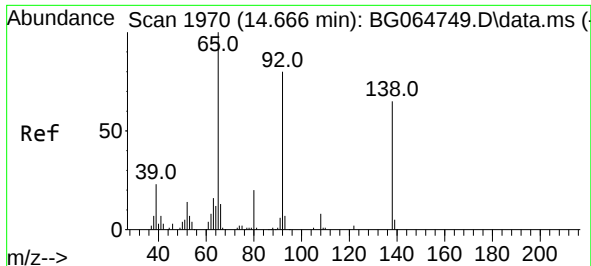
Tgt Ion:165 Resp: 134140
Ion Ratio Lower Upper
165 100
63 60.9 49.8 74.8
89 54.2 45.0 67.4



#52
Acenaphthene
Concen: 49.452 ng
RT: 14.840 min Scan# 2000
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:154 Resp: 533996
Ion Ratio Lower Upper
154 100
153 116.0 93.0 139.4
152 54.1 44.4 66.6

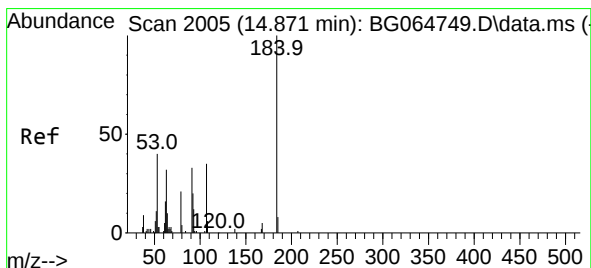
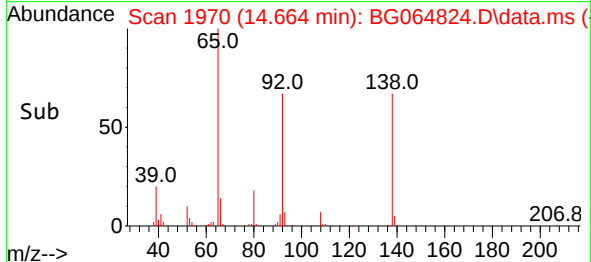
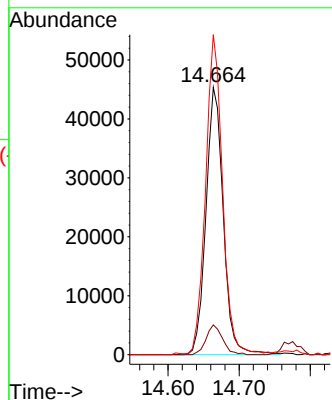
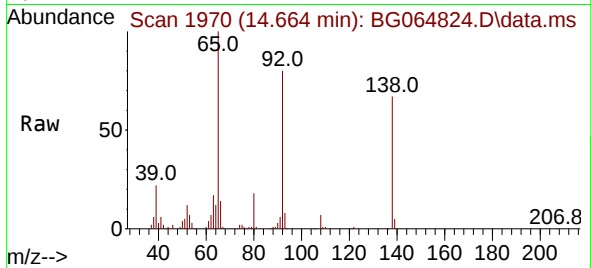




#53
3-Nitroaniline
Concen: 27.510 ng
RT: 14.664 min Scan# 1970
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

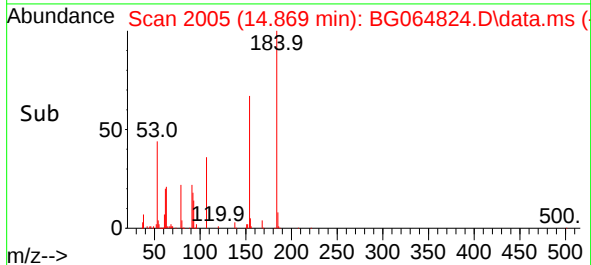
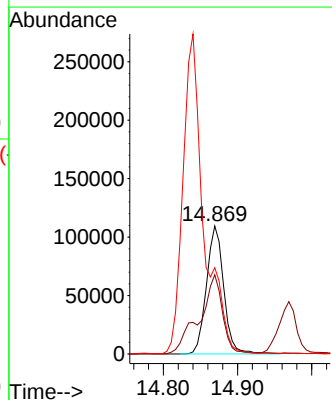
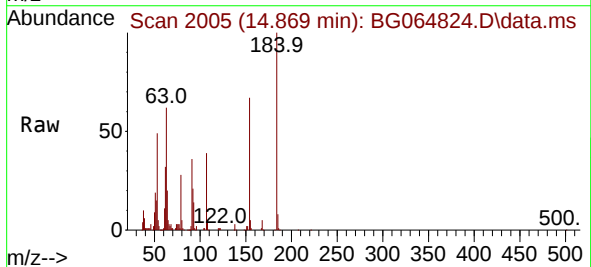
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

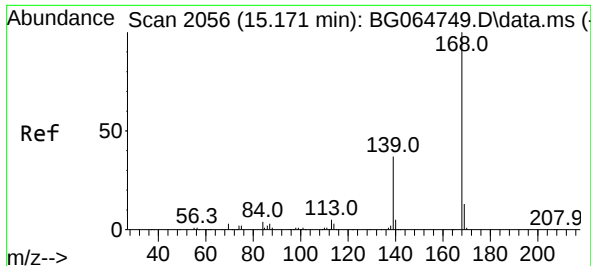
Tgt Ion:138 Resp: 76889
Ion Ratio Lower Upper
138 100
108 11.1 9.5 14.3
92 119.7 99.0 148.4



#54
2,4-Dinitrophenol
Concen: 90.374 ng
RT: 14.869 min Scan# 2005
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:184 Resp: 177729
Ion Ratio Lower Upper
184 100
63 61.9 45.8 68.6
154 67.4 52.6 78.8

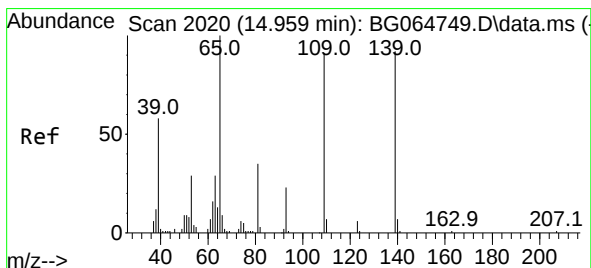
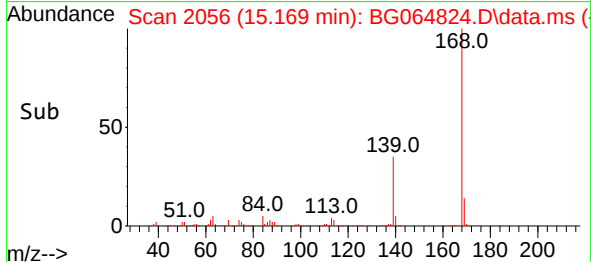
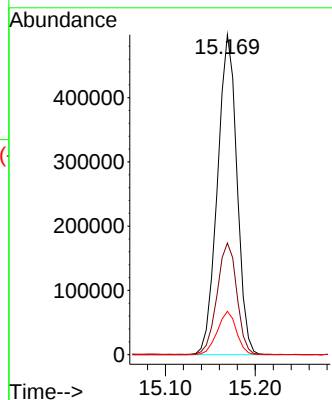
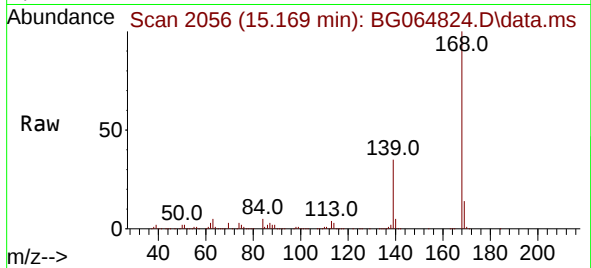




#55
Dibenzenofuran
Concen: 41.990 ng
RT: 15.169 min Scan# 2056
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

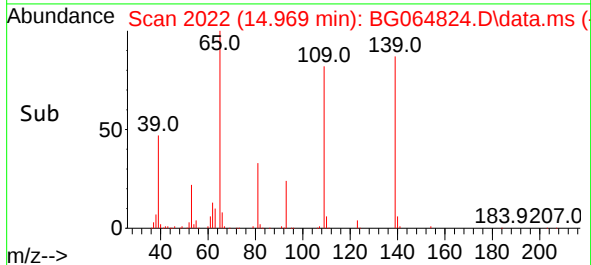
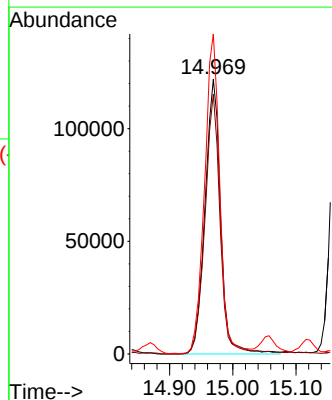
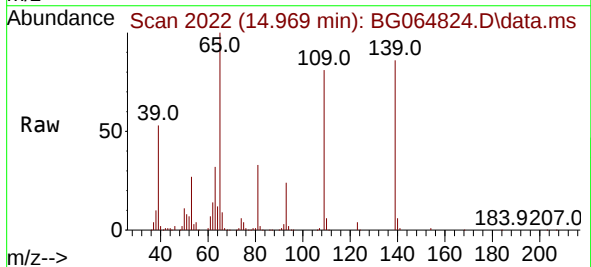
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

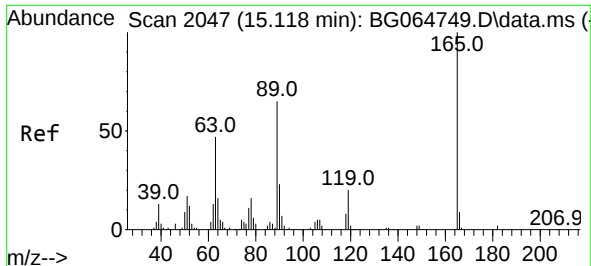
Tgt Ion:168 Resp: 749605
Ion Ratio Lower Upper
168 100
139 34.9 29.5 44.3
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 94.415 ng
RT: 14.969 min Scan# 2022
Delta R.T. 0.010 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

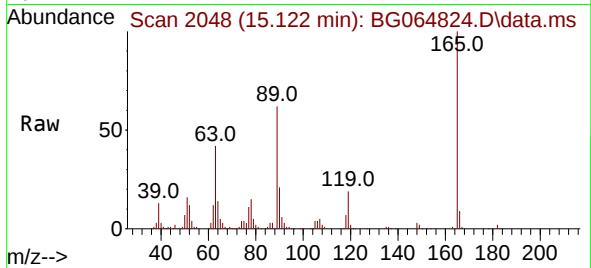
Tgt Ion:139 Resp: 209368
Ion Ratio Lower Upper
139 100
109 94.6 79.7 119.7
65 116.5 89.9 129.9



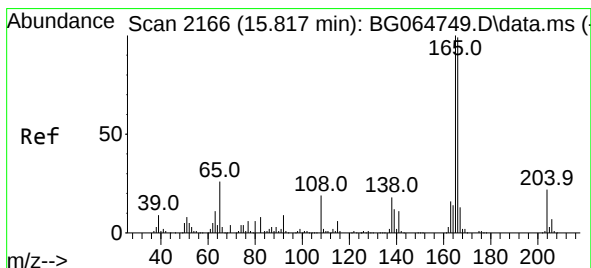
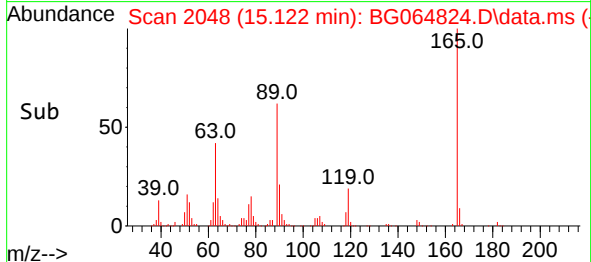
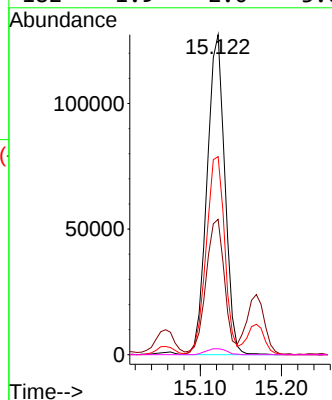


#57
2,4-Dinitrotoluene
Concen: 45.548 ng
RT: 15.122 min Scan# 2048
Delta R.T. 0.004 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Instrument :
BNA_G
ClientSampleId :
PB170608BSD

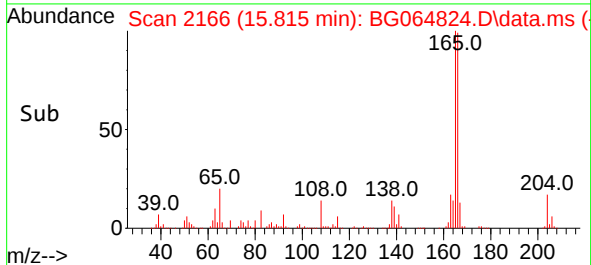
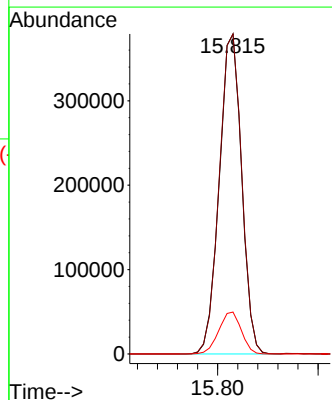
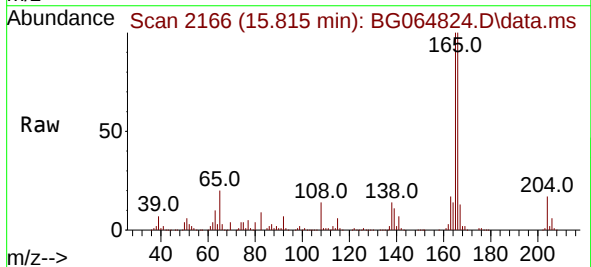


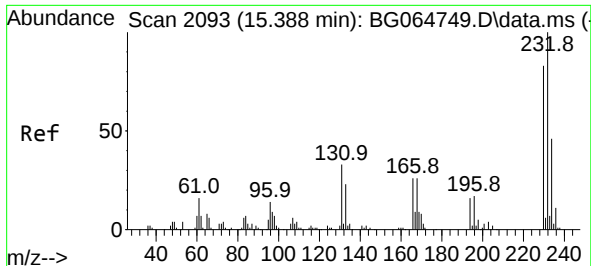
Tgt Ion:165 Resp: 193372
Ion Ratio Lower Upper
165 100
63 42.3 37.8 56.6
89 61.9 51.6 77.4
182 1.9 2.0 3.0#



#58
Fluorene
Concen: 41.685 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:166 Resp: 583651
Ion Ratio Lower Upper
166 100
165 100.0 80.5 120.7
167 13.1 10.3 15.5

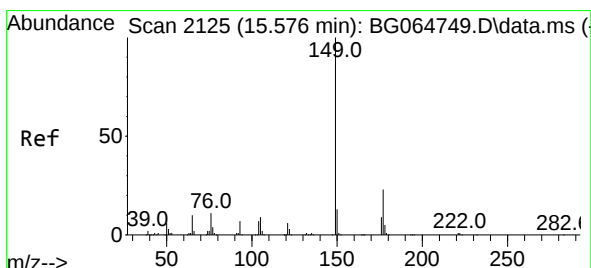
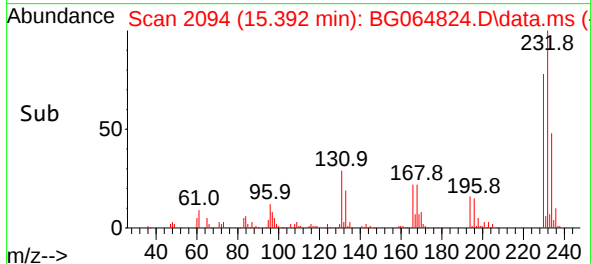
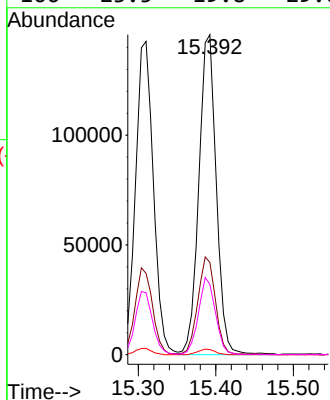
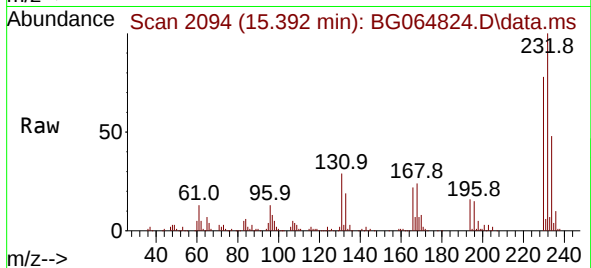




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.375 ng
RT: 15.392 min Scan# 2094
Delta R.T. 0.004 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

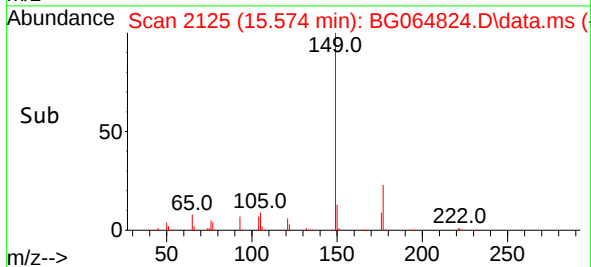
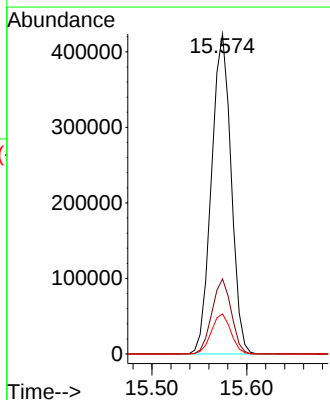
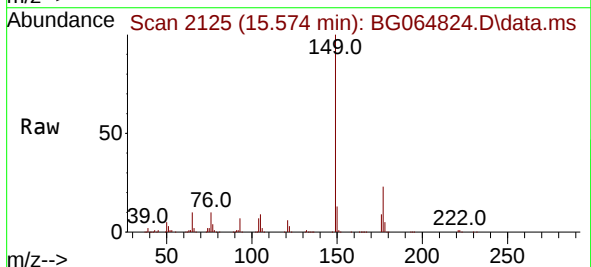
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

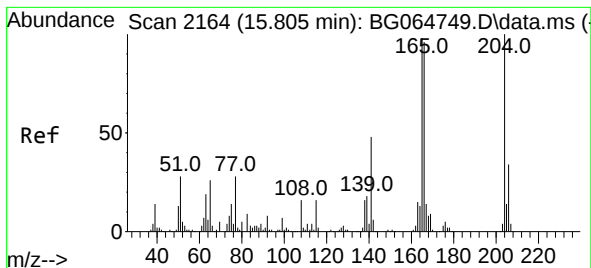
Tgt Ion:232 Resp: 227793
Ion Ratio Lower Upper
232 100
131 30.7 26.0 39.0
130 1.7 1.6 2.4
166 23.5 19.8 29.6



#60
Diethylphthalate
Concen: 43.208 ng
RT: 15.574 min Scan# 2125
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:149 Resp: 609138
Ion Ratio Lower Upper
149 100
177 23.4 18.4 27.6
150 12.5 10.1 15.1

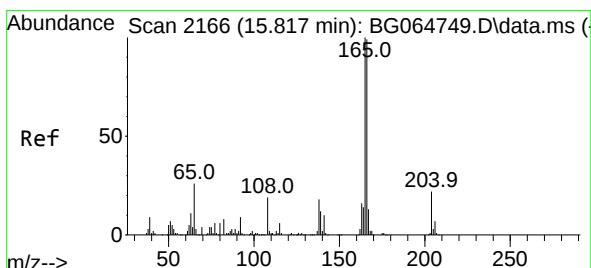
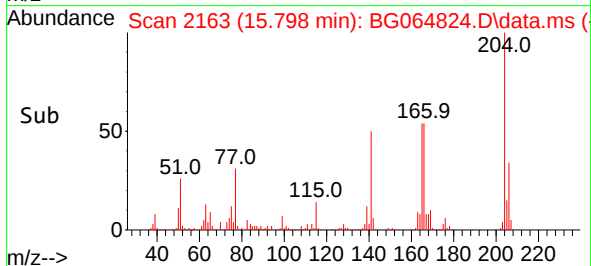
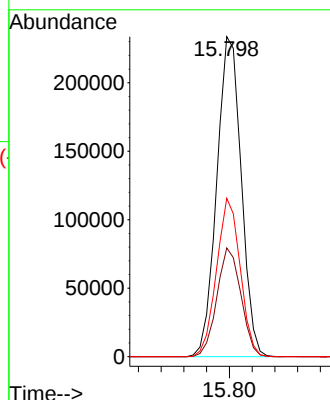
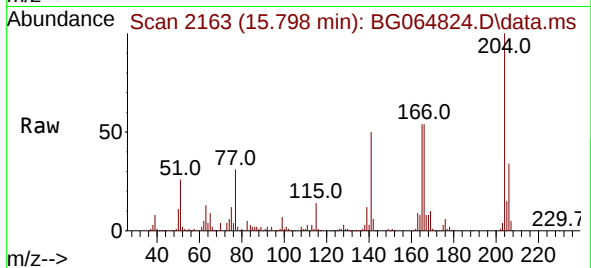




#61
4-Chlorophenyl-phenylether
Concen: 41.613 ng
RT: 15.798 min Scan# 2163
Delta R.T. -0.008 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

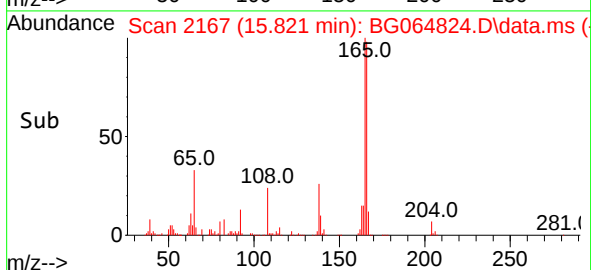
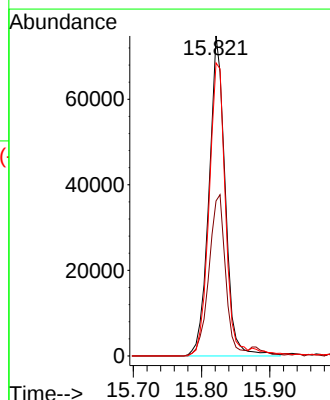
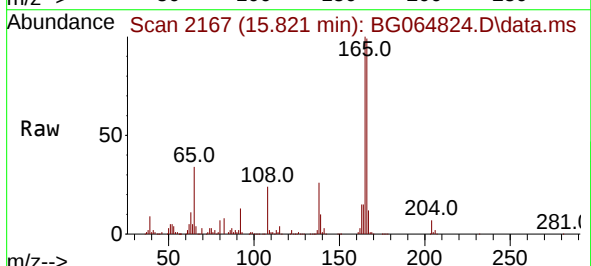
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

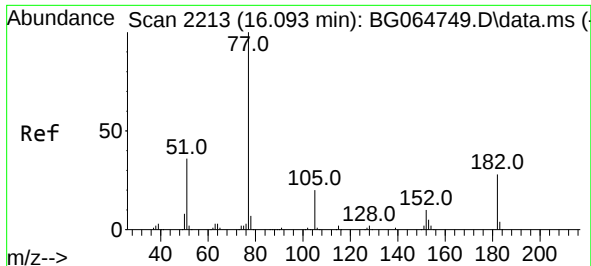
Tgt Ion:204 Resp: 349669
Ion Ratio Lower Upper
204 100
206 34.0 26.9 40.3
141 49.5 38.1 57.1



#62
4-Nitroaniline
Concen: 42.861 ng
RT: 15.821 min Scan# 2167
Delta R.T. 0.004 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:138 Resp: 124104
Ion Ratio Lower Upper
138 100
92 48.5 30.7 70.7
108 91.6 85.7 125.7

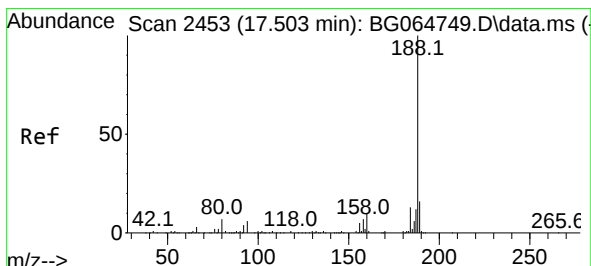
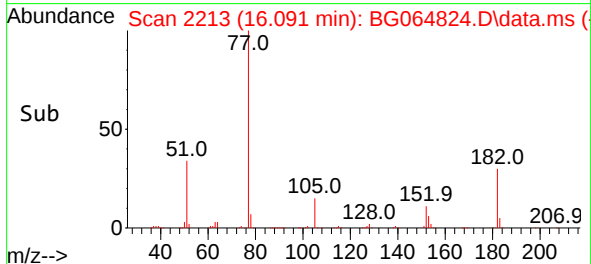
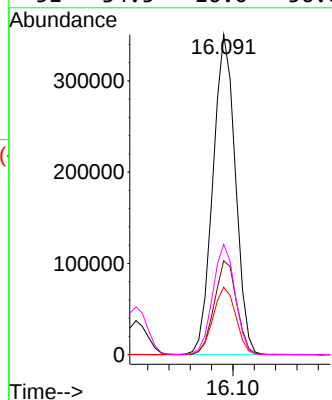
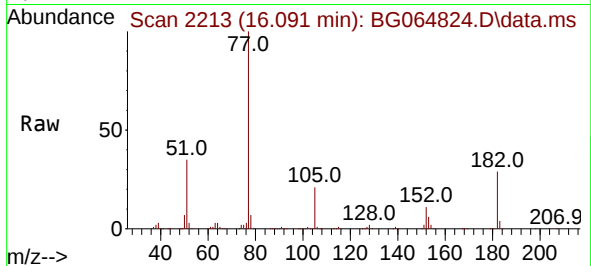




#63
Azobenzene
Concen: 43.558 ng
RT: 16.091 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

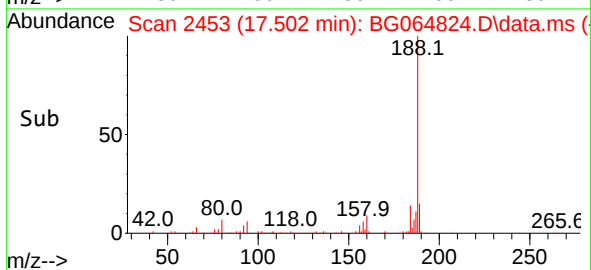
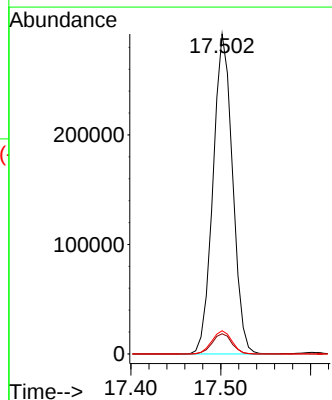
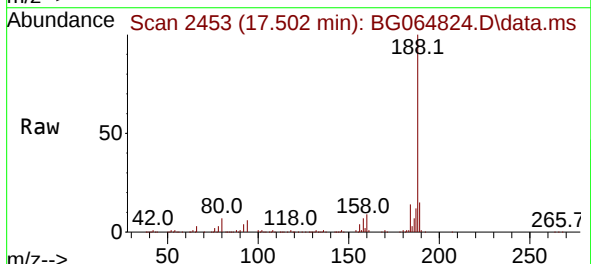
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

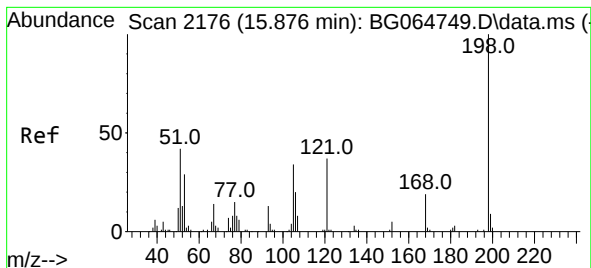
Tgt Ion:	77	Resp:	510760
Ion	Ratio	Lower	Upper
77	100		
182	29.3	8.1	48.1
105	21.1	0.1	40.1
51	34.5	16.0	56.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.502 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:	188	Resp:	441810
Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.7	7.1
80	7.3	5.4	8.2

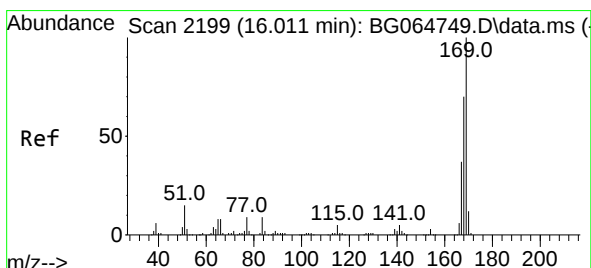
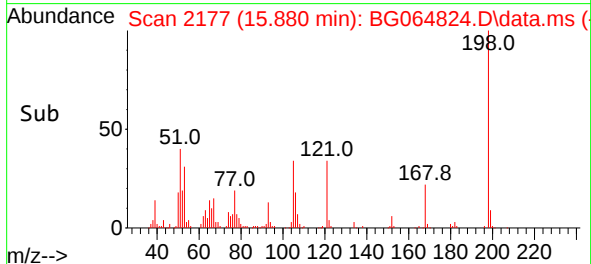
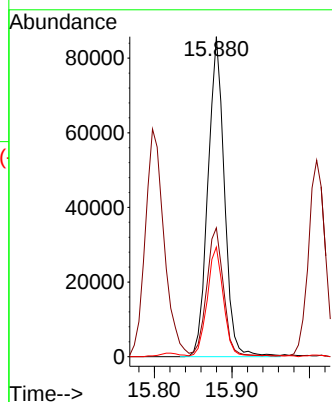
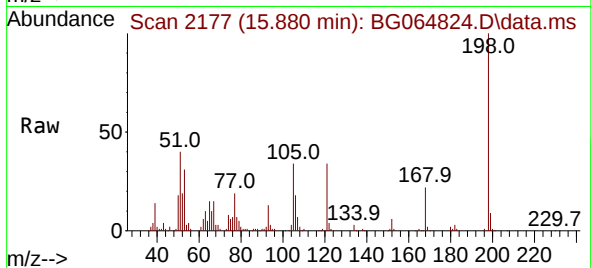




#65
4,6-Dinitro-2-methylphenol
Concen: 51.688 ng
RT: 15.880 min Scan# 2176
Delta R.T. 0.004 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

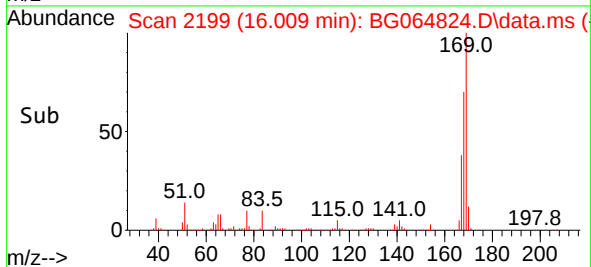
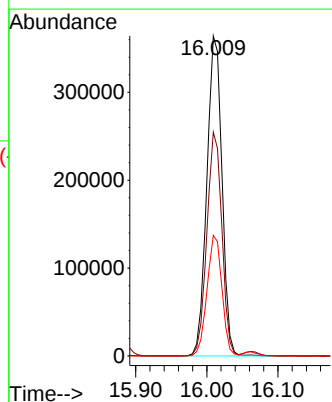
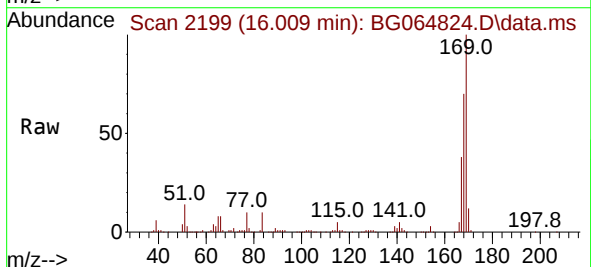
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

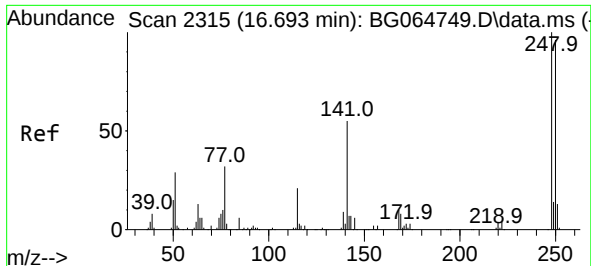
Tgt Ion:198 Resp: 126792
Ion Ratio Lower Upper
198 100
51 40.2 25.2 65.2
105 34.2 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 46.698 ng
RT: 16.009 min Scan# 2199
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:169 Resp: 540413
Ion Ratio Lower Upper
169 100
168 70.0 55.9 83.9
167 37.6 29.8 44.6

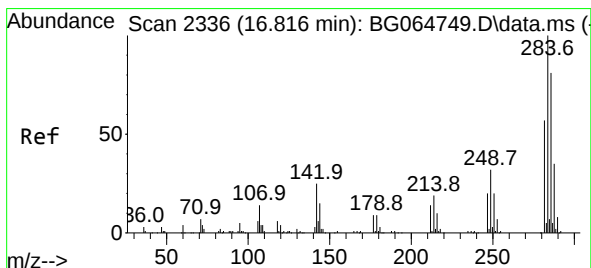
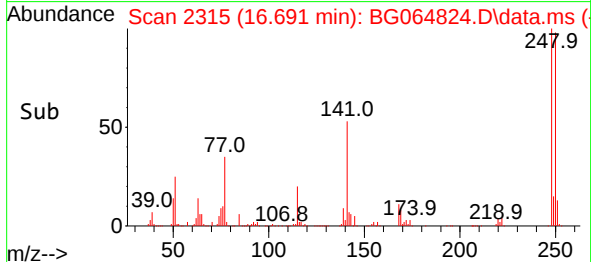
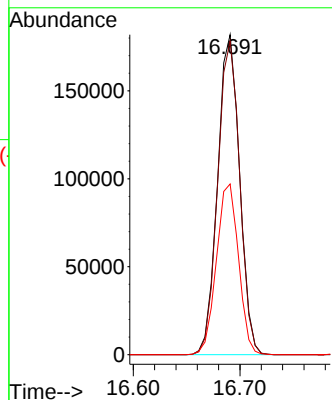
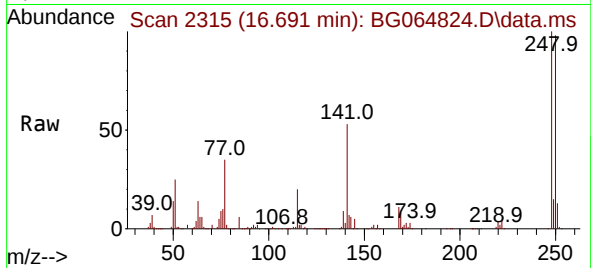




#67
4-Bromophenyl-phenylether
Concen: 44.850 ng
RT: 16.691 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

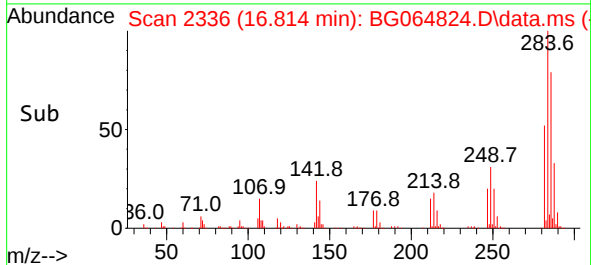
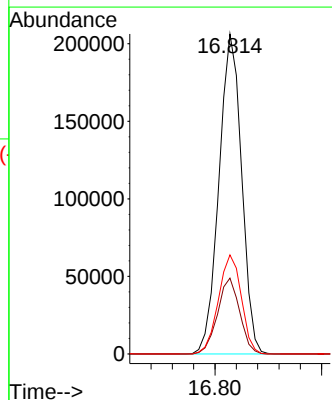
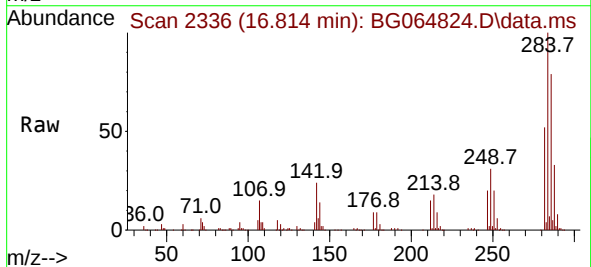
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

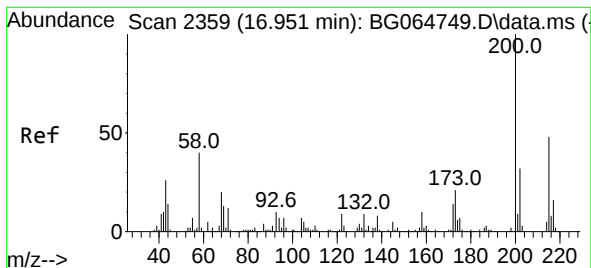
Tgt Ion:248 Resp: 260215
Ion Ratio Lower Upper
248 100
250 98.0 77.0 115.6
141 53.4 43.7 65.5



#68
Hexachlorobenzene
Concen: 43.158 ng
RT: 16.814 min Scan# 2336
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:284 Resp: 303374
Ion Ratio Lower Upper
284 100
142 23.7 19.7 29.5
249 33.3 28.1 42.1





#69

Atrazine

Concen: 44.779 ng

RT: 16.949 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Instrument :

BNA_G

ClientSampleId :

PB170608BSD

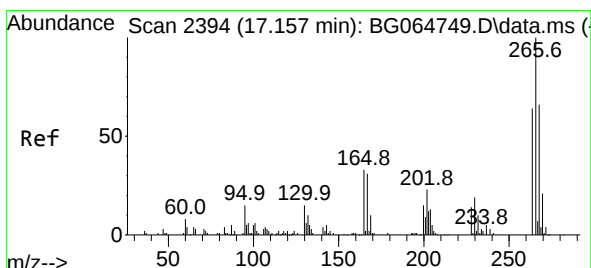
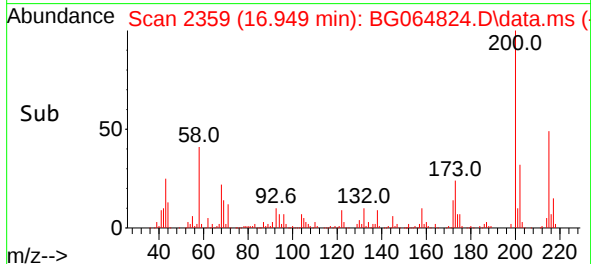
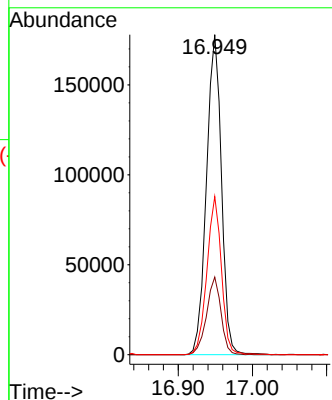
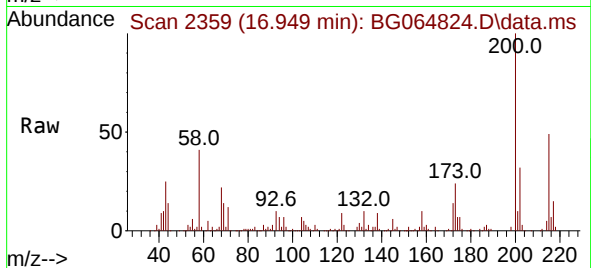
Tgt Ion:200 Resp: 249844

Ion Ratio Lower Upper

200 100

173 24.3 0.9 40.9

215 49.4 27.5 67.5



#70

Pentachlorophenol

Concen: 91.648 ng

RT: 17.155 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

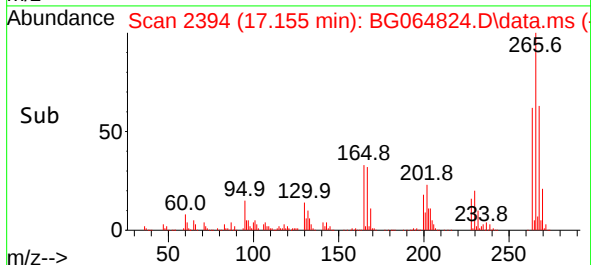
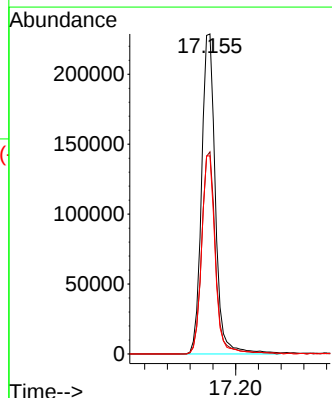
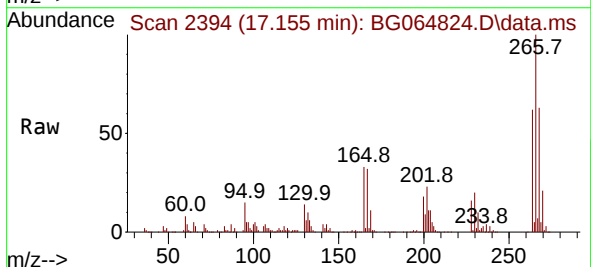
Tgt Ion:266 Resp: 385264

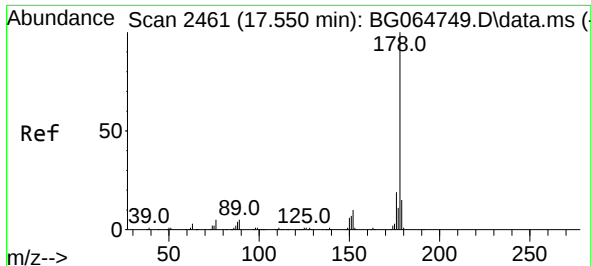
Ion Ratio Lower Upper

266 100

268 67.8 56.1 84.1

264 61.9 51.2 76.8

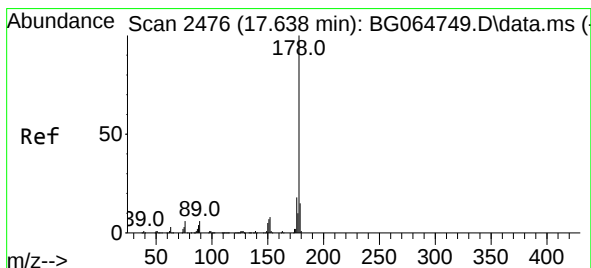
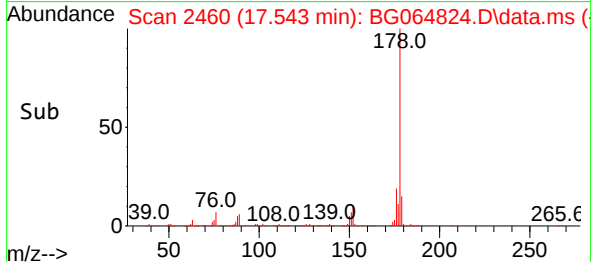
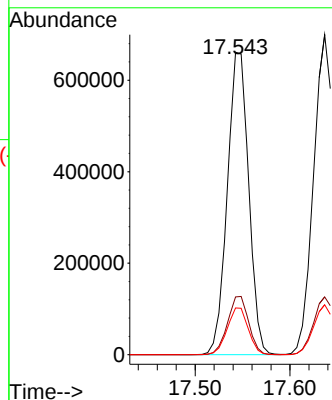
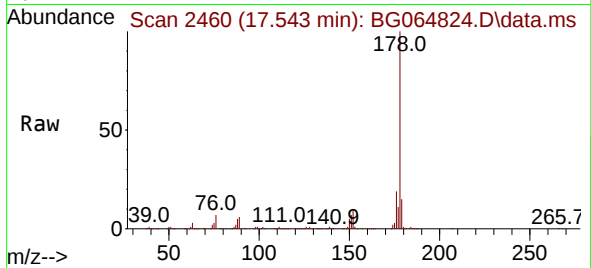




#71
Phenanthrene
Concen: 42.898 ng
RT: 17.543 min Scan# 2461
Delta R.T. -0.008 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

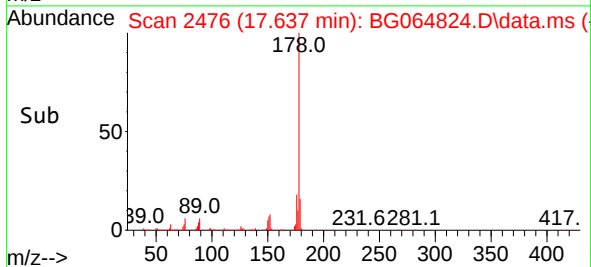
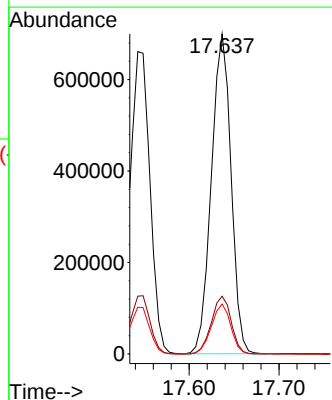
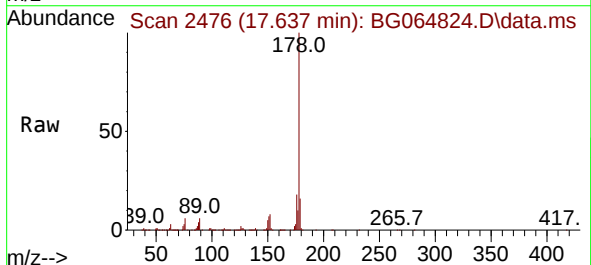
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

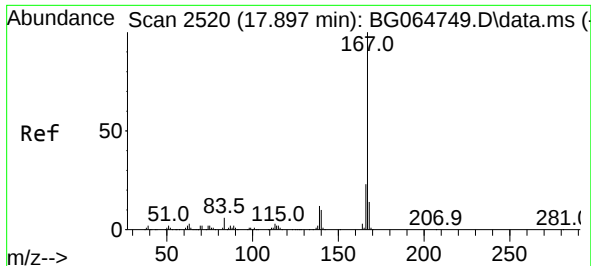
Tgt Ion:178 Resp: 1036973
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 43.130 ng
RT: 17.637 min Scan# 2476
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:178 Resp: 1063100
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.6 12.2 18.4

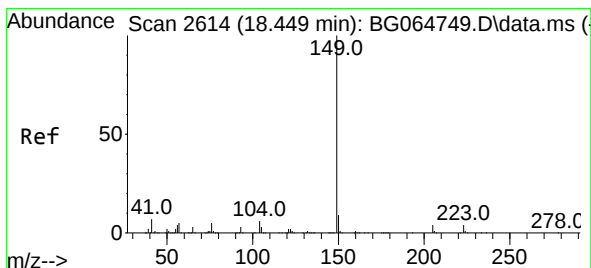
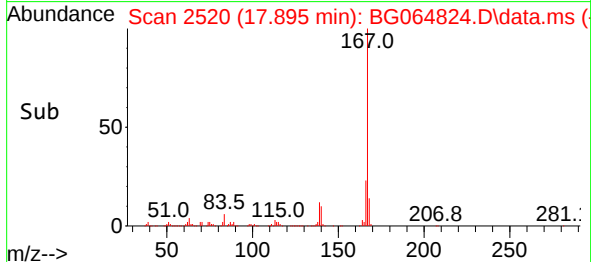
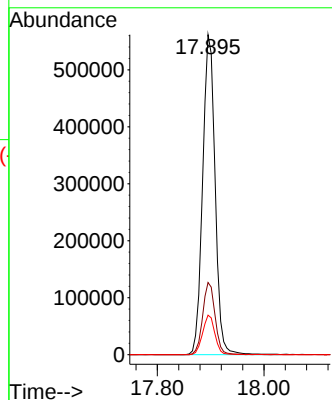
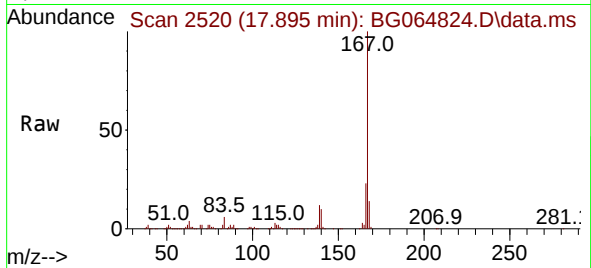




#73
 Carbazole
 Concen: 42.947 ng
 RT: 17.895 min Scan# 2520
 Delta R.T. -0.002 min
 Lab File: BG064824.D
 Acq: 19 Nov 2025 20:47

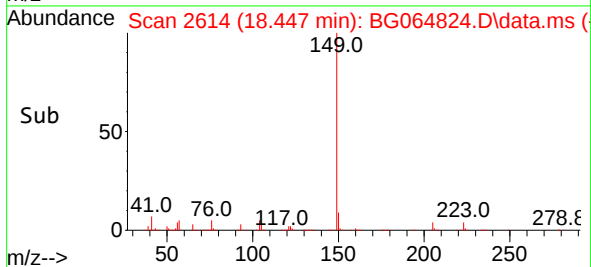
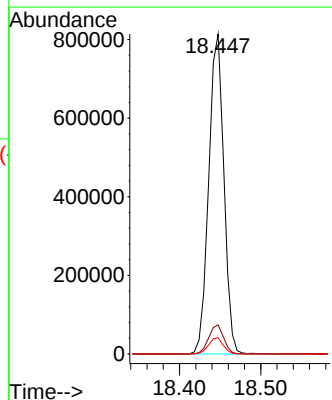
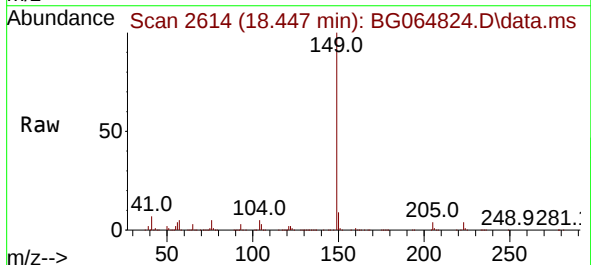
Instrument :
 BNA_G
 ClientSampleId :
 PB170608BSD

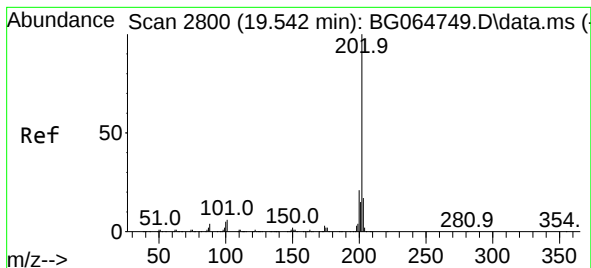
Tgt Ion:167 Resp: 910019
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 12.3 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 44.456 ng
 RT: 18.447 min Scan# 2614
 Delta R.T. -0.002 min
 Lab File: BG064824.D
 Acq: 19 Nov 2025 20:47

Tgt Ion:149 Resp: 1050948
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 39.634 ng

RT: 19.540 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Instrument :

BNA_G

ClientSampleId :

PB170608BSD

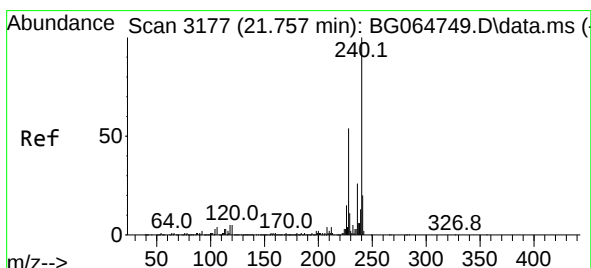
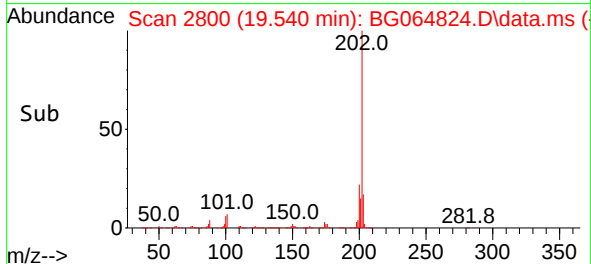
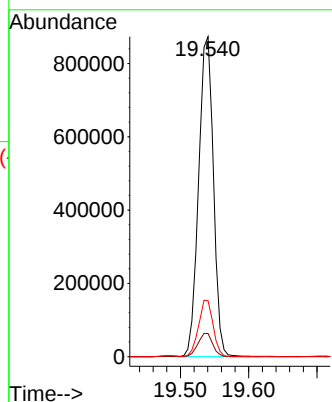
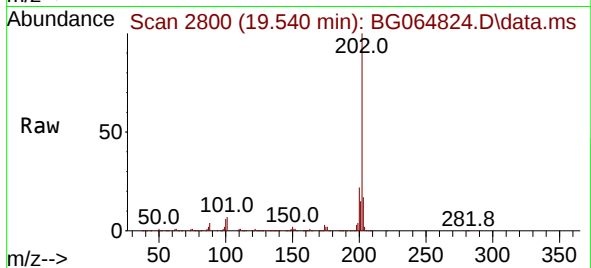
Tgt Ion:202 Resp: 1310098

Ion Ratio Lower Upper

202 100

101 7.2 0.0 26.4

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.755 min Scan# 3177

Delta R.T. -0.002 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

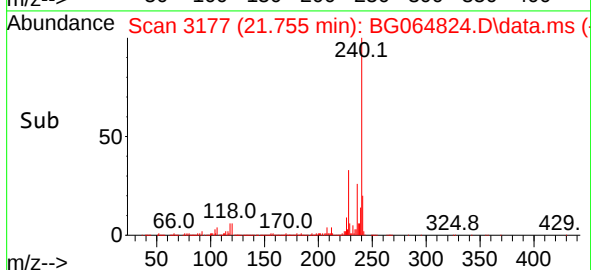
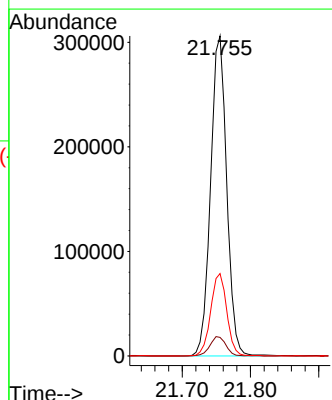
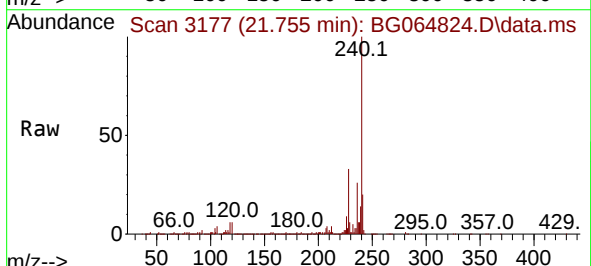
Tgt Ion:240 Resp: 503250

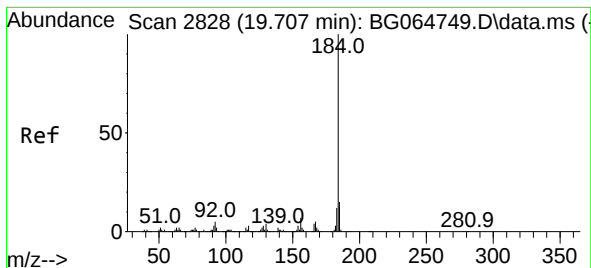
Ion Ratio Lower Upper

240 100

120 5.8 4.2 6.4

236 25.7 20.8 31.2





#77

Benzidine

Concen: 30.704 ng

RT: 19.705 min Scan# 2828

Delta R.T. -0.002 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Instrument :

BNA_G

ClientSampleId :

PB170608BSD

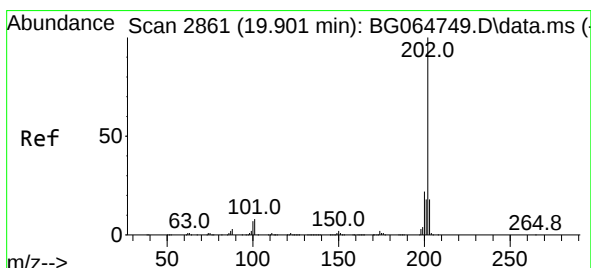
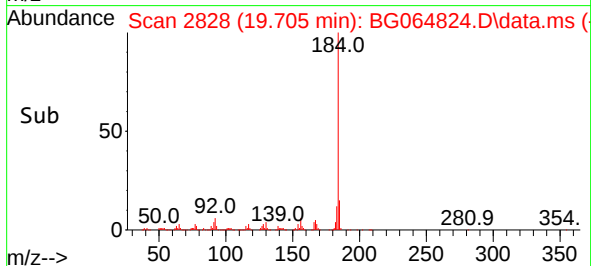
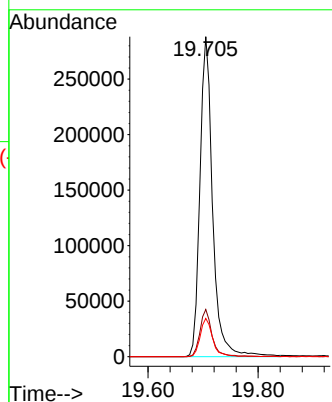
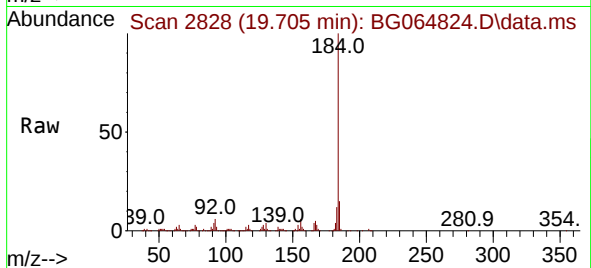
Tgt Ion:184 Resp: 462755

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.6

183 12.0 9.8 14.6



#78

Pyrene

Concen: 48.386 ng

RT: 19.899 min Scan# 2861

Delta R.T. -0.002 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

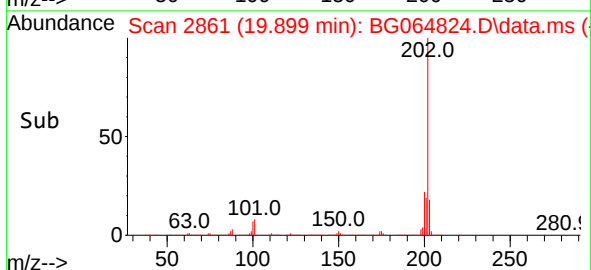
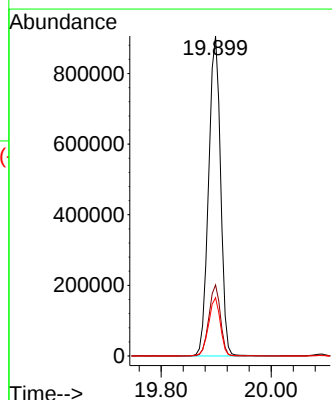
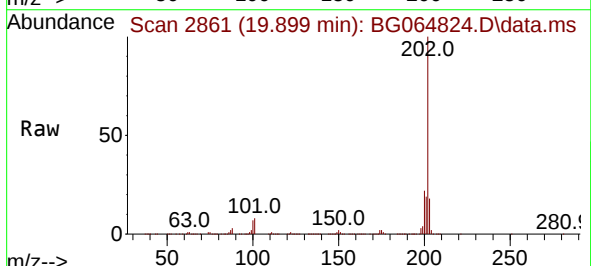
Tgt Ion:202 Resp: 1364731

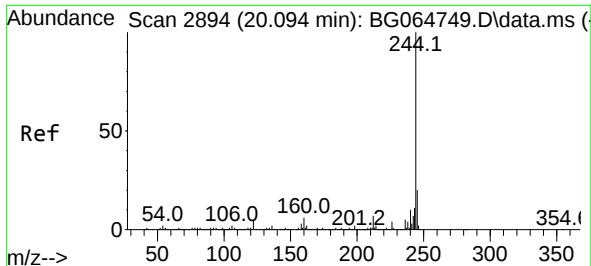
Ion Ratio Lower Upper

202 100

200 22.2 17.9 26.9

203 18.2 14.0 21.0

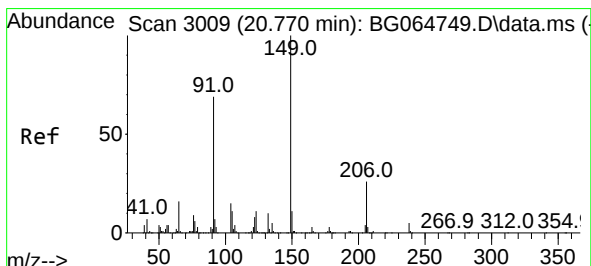
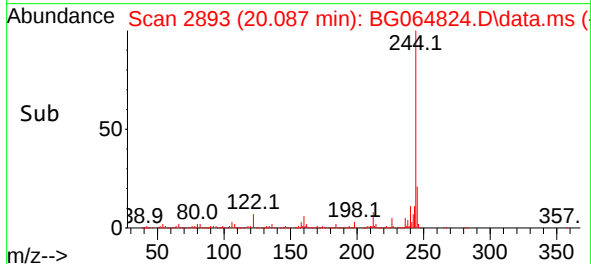
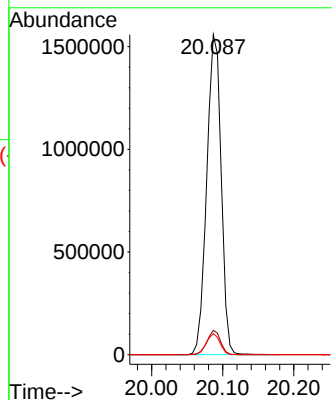
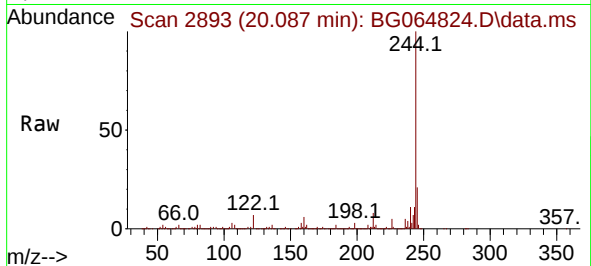




#79
 Terphenyl-d14
 Concen: 86.032 ng
 RT: 20.087 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG064824.D
 Acq: 19 Nov 2025 20:47

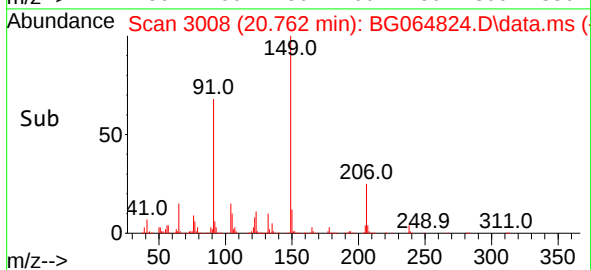
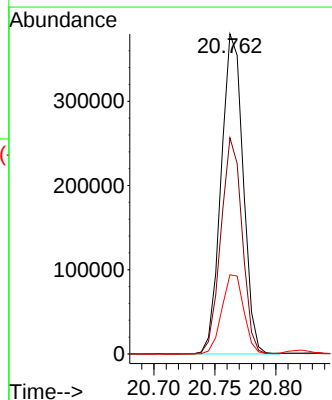
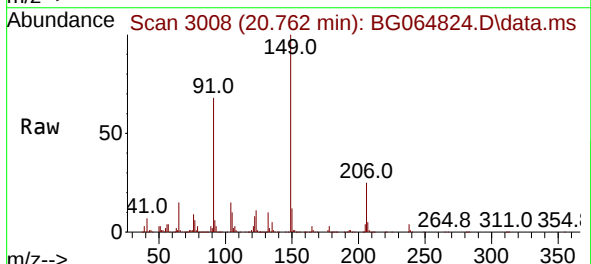
Instrument :
 BNA_G
 ClientSampleId :
 PB170608BSD

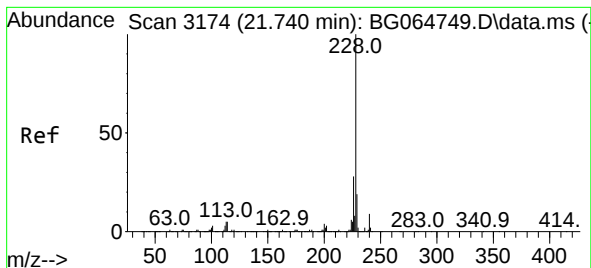
Tgt Ion:244 Resp: 2200994
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 6.6 4.3 6.5#



#80
 Butylbenzylphthalate
 Concen: 48.024 ng
 RT: 20.762 min Scan# 3008
 Delta R.T. -0.008 min
 Lab File: BG064824.D
 Acq: 19 Nov 2025 20:47

Tgt Ion:149 Resp: 476439
 Ion Ratio Lower Upper
 149 100
 91 67.6 54.9 82.3
 206 24.7 21.2 31.8





#81

Benzo(a)anthracene

Concen: 43.935 ng

RT: 21.732 min Scan# 3173

Delta R.T. -0.008 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Instrument :

BNA_G

ClientSampleId :

PB170608BSD

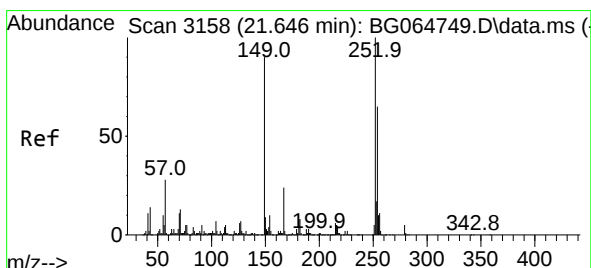
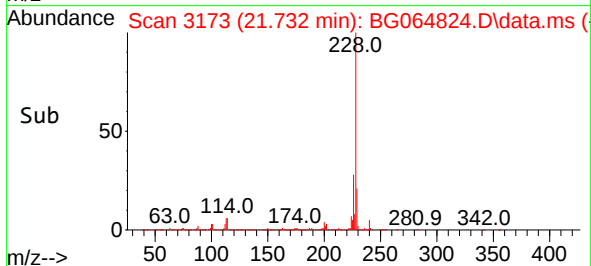
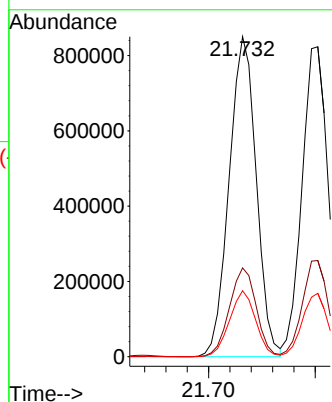
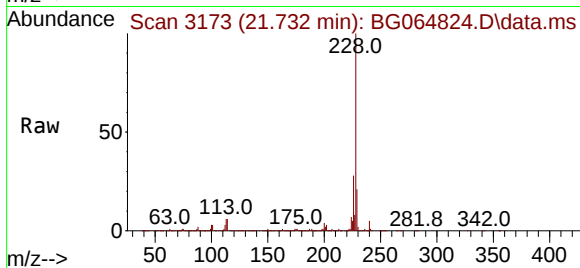
Tgt Ion:228 Resp: 1503432

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 20.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 26.371 ng

RT: 21.638 min Scan# 3157

Delta R.T. -0.008 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

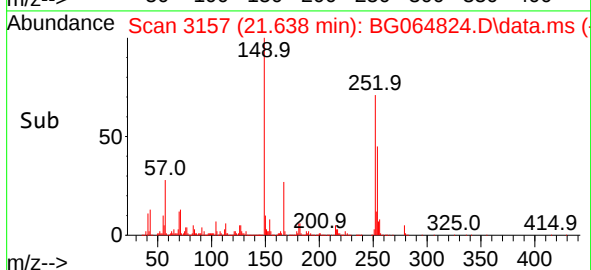
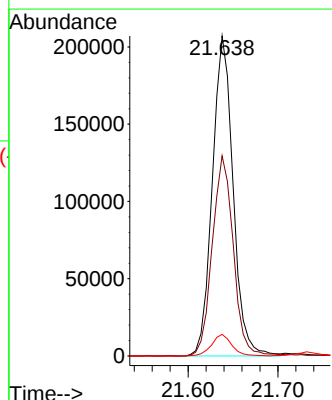
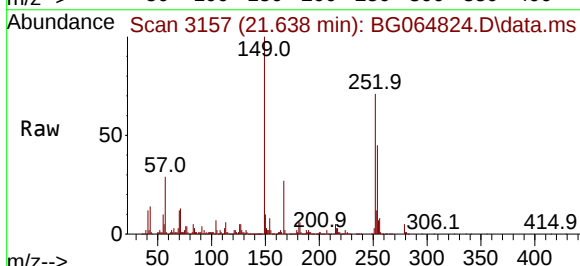
Tgt Ion:252 Resp: 332141

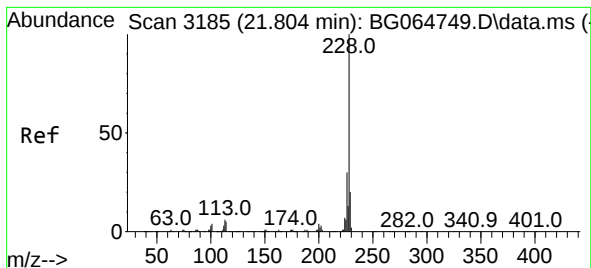
Ion Ratio Lower Upper

252 100

254 62.6 51.8 77.8

126 6.8 4.7 7.1





#83

Chrysene

Concen: 43.479 ng

RT: 21.802 min Scan# 3185

Delta R.T. -0.002 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Instrument :

BNA_G

ClientSampleId :

PB170608BSD

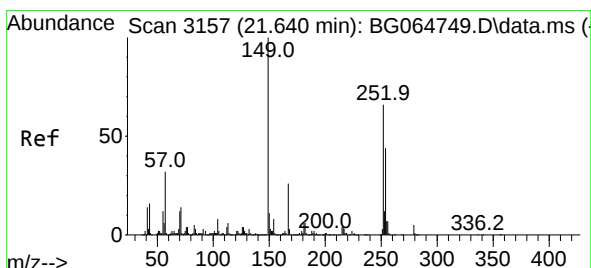
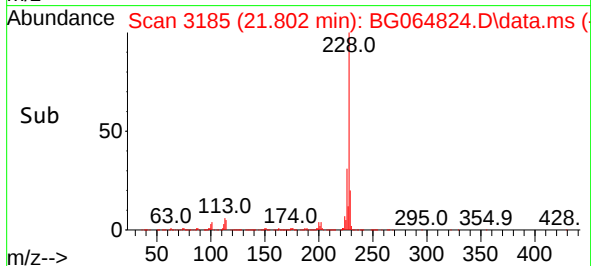
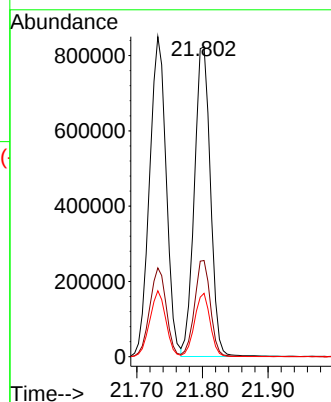
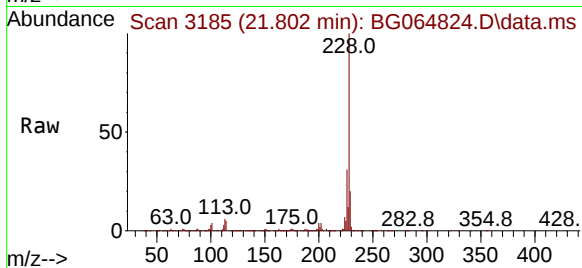
Tgt Ion:228 Resp: 1402677

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

229 20.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.677 ng

RT: 21.626 min Scan# 3155

Delta R.T. -0.014 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

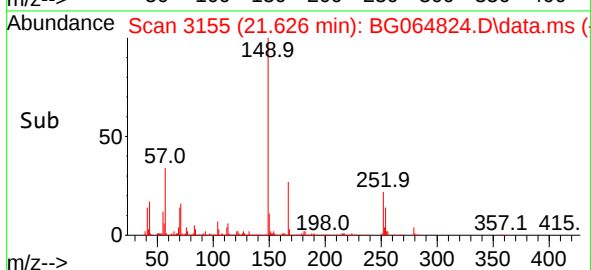
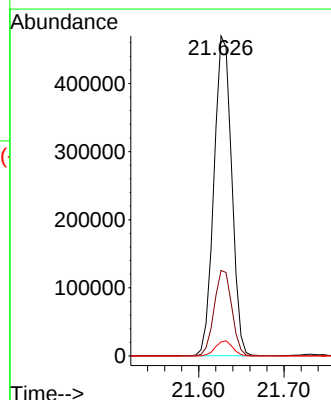
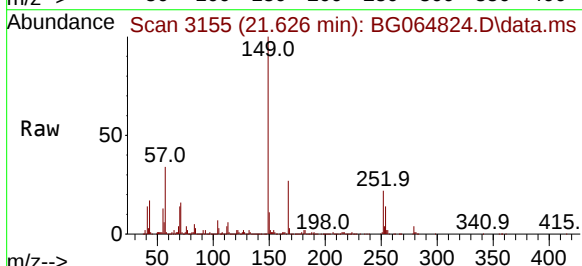
Tgt Ion:149 Resp: 676674

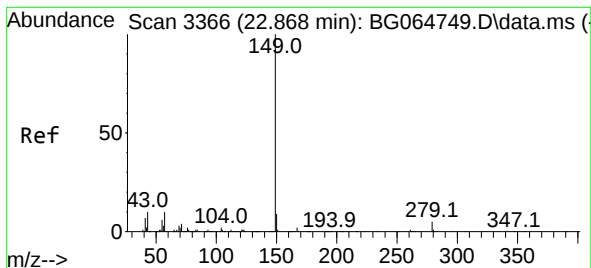
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

279 4.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 45.376 ng

RT: 22.848 min Scan# 31

Delta R.T. -0.019 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Instrument :

BNA_G

ClientSampleId :

PB170608BSD

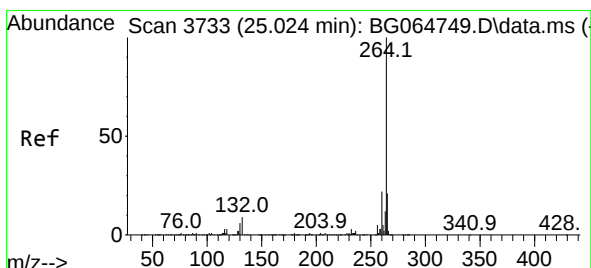
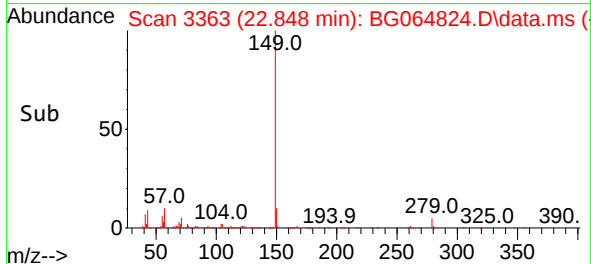
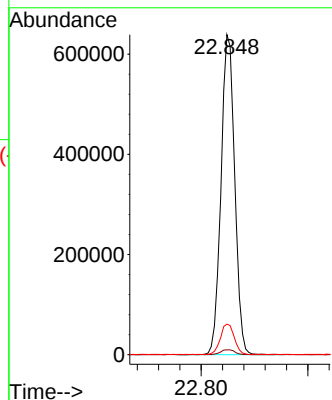
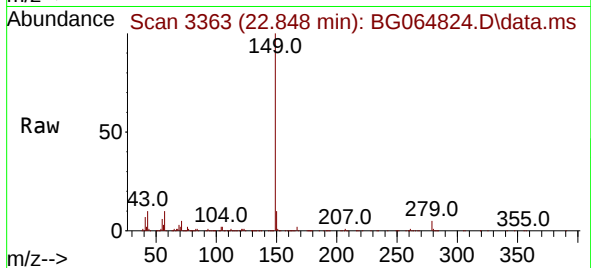
Tgt Ion:149 Resp: 1137067

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.6 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.010 min Scan# 3731

Delta R.T. -0.014 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

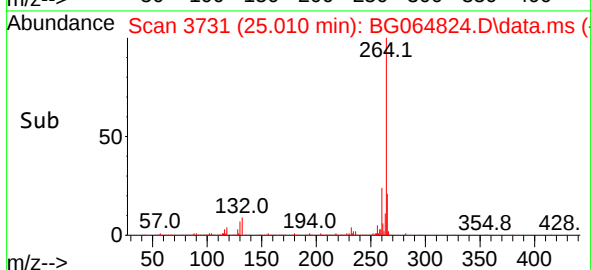
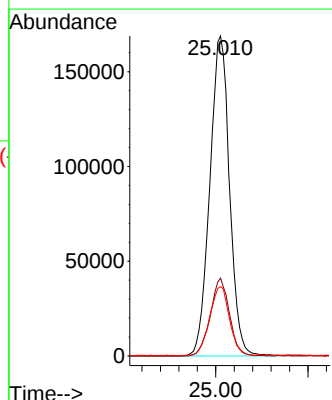
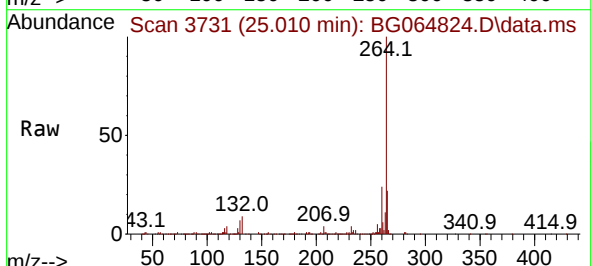
Tgt Ion:264 Resp: 500670

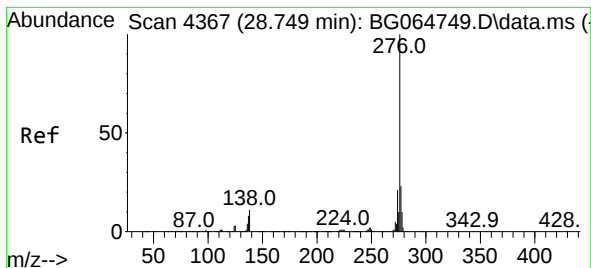
Ion Ratio Lower Upper

264 100

260 24.4 17.2 25.8

265 21.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.987 ng

RT: 28.741 min Scan# 41

Delta R.T. -0.008 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Instrument :

BNA_G

ClientSampleId :

PB170608BSD

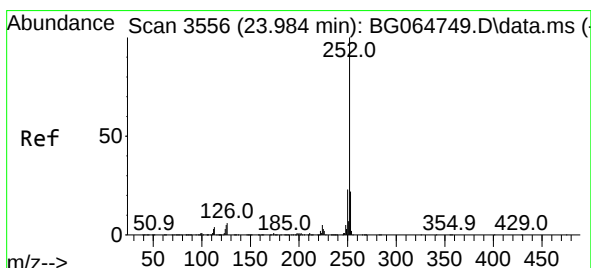
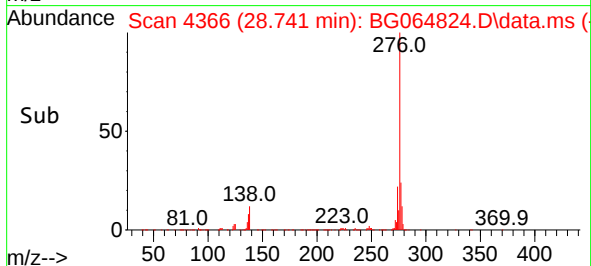
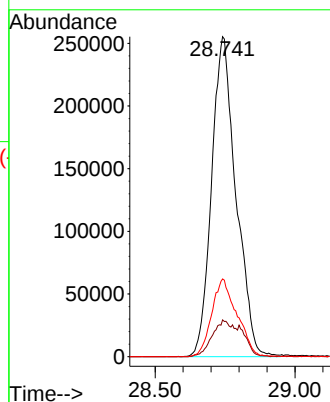
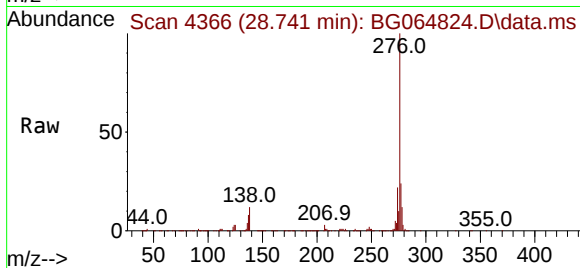
Tgt Ion:276 Resp: 1547450

Ion Ratio Lower Upper

276 100

138 10.4 4.5 6.7#

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 45.813 ng

RT: 23.976 min Scan# 3555

Delta R.T. -0.008 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

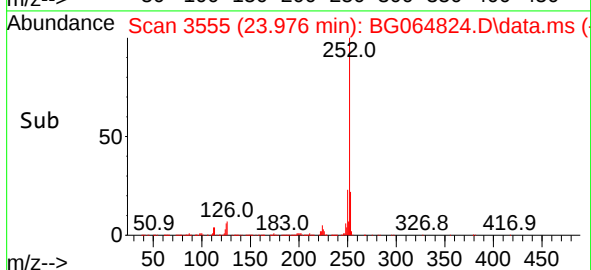
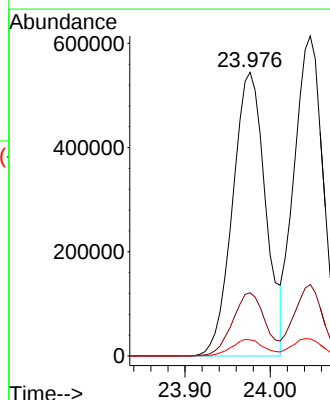
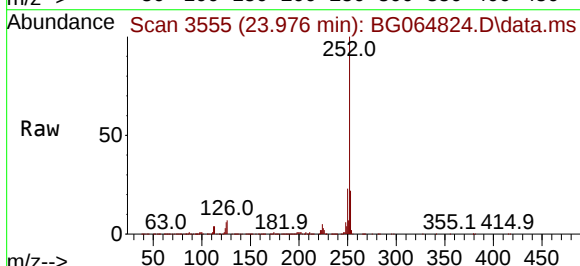
Tgt Ion:252 Resp: 1459675

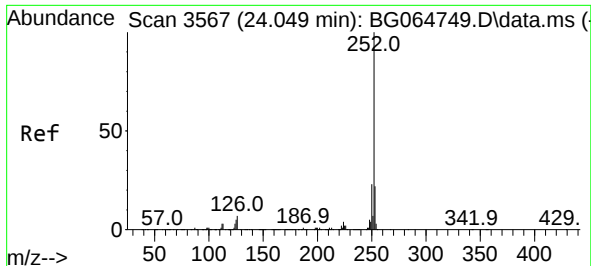
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 5.6 4.2 6.2

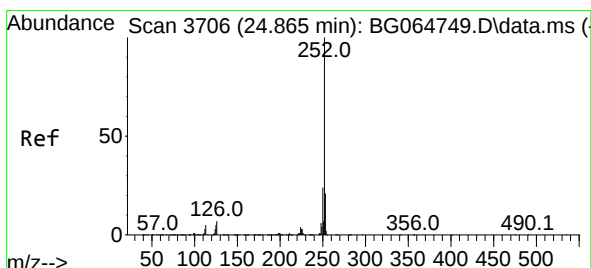
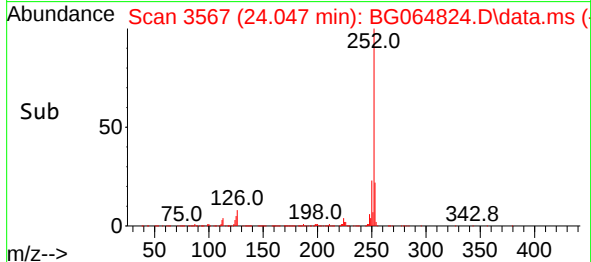
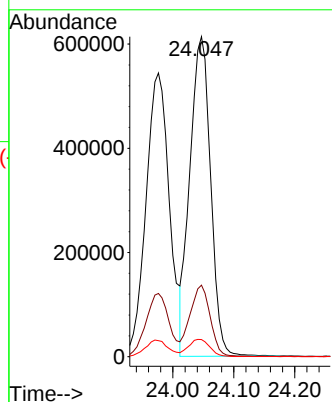
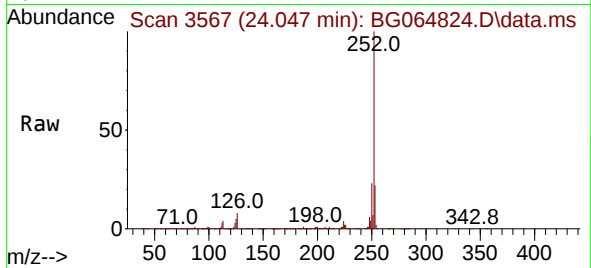




#89
Benzo(k)fluoranthene
Concen: 45.356 ng
RT: 24.047 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

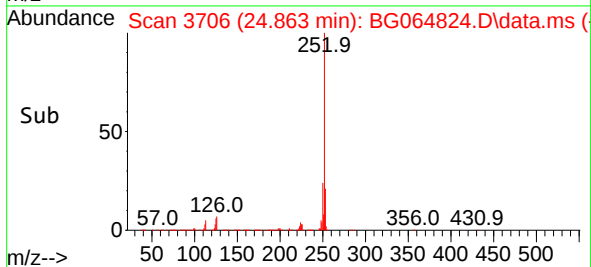
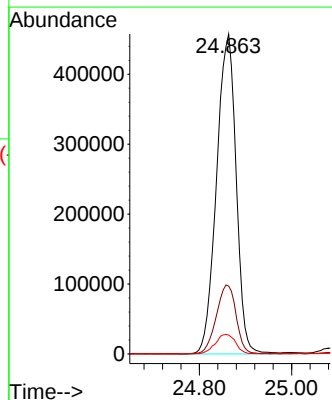
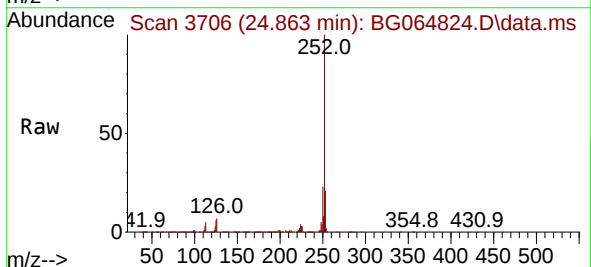
Instrument :
BNA_G
ClientSampleId :
PB170608BSD

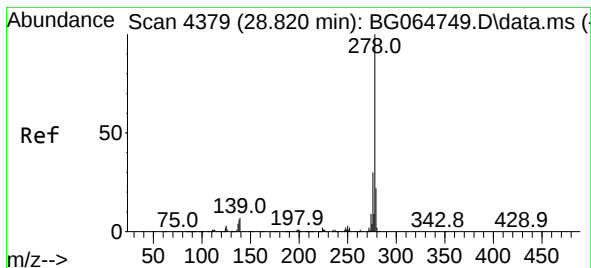
Tgt Ion:252 Resp: 1451853
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 5.3 4.1 6.1



#90
Benzo(a)pyrene
Concen: 45.567 ng
RT: 24.863 min Scan# 3706
Delta R.T. -0.002 min
Lab File: BG064824.D
Acq: 19 Nov 2025 20:47

Tgt Ion:252 Resp: 1346766
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 5.9 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 45.424 ng

RT: 28.806 min Scan# 41

Delta R.T. -0.014 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Instrument :

BNA_G

ClientSampleId :

PB170608BSD

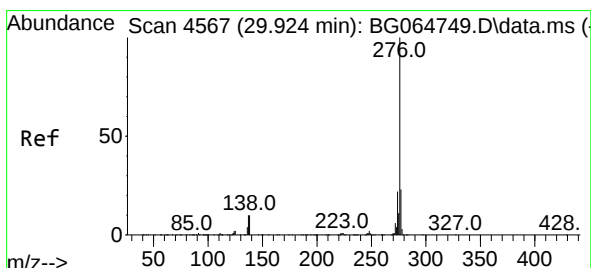
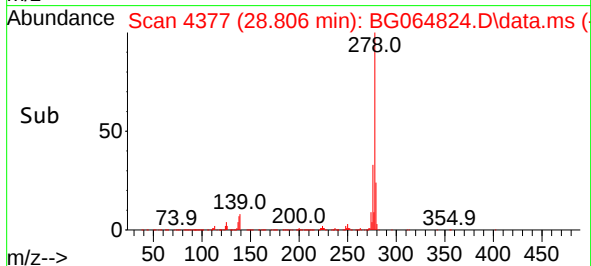
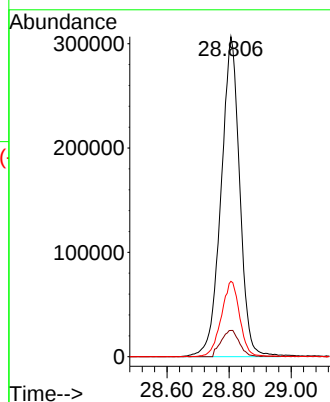
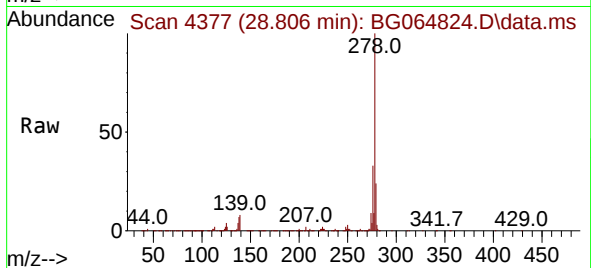
Tgt Ion:278 Resp: 1280020

Ion Ratio Lower Upper

278 100

139 8.2 5.8 8.8

279 23.6 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 44.942 ng

RT: 29.910 min Scan# 4565

Delta R.T. -0.014 min

Lab File: BG064824.D

Acq: 19 Nov 2025 20:47

Tgt Ion:276 Resp: 1218814

Ion Ratio Lower Upper

276 100

277 24.1 18.0 27.0

138 12.7 8.2 12.2#

