

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064627.D
 Acq On : 29 Oct 2025 17:34
 Operator : RC/JU
 Sample : Q3419-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-132-S16-015094-20251021MS

Quant Time: Oct 30 04:56:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	30488	20.000	ng	0.00
21) Naphthalene-d8	11.042	136	121320	20.000	ng	-0.01
39) Acenaphthene-d10	14.838	164	93614	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	229619	20.000	ng	0.00
76) Chrysene-d12	21.853	240	271892	20.000	ng	#-0.01
86) Perylene-d12	25.191	264	296767	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	173396	95.462	ng	0.00
7) Phenol-d6	7.353	99	248444	99.678	ng	0.00
23) Nitrobenzene-d5	9.380	82	155421	76.945	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	166810	123.459	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	372604	60.330	ng	-0.01
79) Terphenyl-d14	20.167	244	870859	60.445	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	32986	41.019	ng	99
3) Pyridine	3.992	79	91699	37.972	ng	98
4) n-Nitrosodimethylamine	3.898	42	64506	49.810	ng	98
6) Aniline	7.529	93	110647	32.624	ng	97
8) 2-Chlorophenol	7.776	128	100885	53.064	ng	94
9) Benzaldehyde	7.335	77	47095	34.610	ng	96
10) Phenol	7.382	94	133081	48.280	ng	96
11) bis(2-Chloroethyl)ether	7.529	93	110647	32.624	ng	99
12) 1,3-Dichlorobenzene	8.111	146	106607	48.719	ng	100
13) 1,4-Dichlorobenzene	8.257	146	108820	48.909	ng	96
14) 1,2-Dichlorobenzene	8.575	146	107105	49.907	ng	97
15) Benzyl Alcohol	8.445	79	100831	49.058	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.745	45	245238	46.132	ng	99
17) 2-Methylphenol	8.445	107	50376	49.034	ng	91
18) Hexachloroethane	9.321	117	40540	51.921	ng	97
19) n-Nitroso-di-n-propyla...	9.021	70	83332	48.377	ng	98
20) 3+4-Methylphenols	8.974	107	125652	48.821	ng	98
22) Acetophenone	9.039	105	180237	54.347	ng	95
24) Nitrobenzene	9.421	77	121561	55.332	ng	95
25) Isophorone	9.955	82	240580	49.637	ng	98
26) 2-Nitrophenol	10.138	139	54118	62.810	ng	93
27) 2,4-Dimethylphenol	10.196	122	103937	56.519	ng	88
28) bis(2-Chloroethoxy)met...	10.431	93	132986	48.190	ng	97
29) 2,4-Dichlorophenol	10.678	162	109647	56.512	ng	99
30) 1,2,4-Trichlorobenzene	10.901	180	120137	54.496	ng	96
31) Naphthalene	11.095	128	328094	48.777	ng	100
32) Benzoic acid	10.320	122	89978	65.009	ng	90
33) 4-Chloroaniline	11.183	127	56519	21.618	ng	98
34) Hexachlorobutadiene	11.383	225	89758	52.062	ng	93
35) Caprolactam	11.947	113	19168	25.758	ng	# 89
36) 4-Chloro-3-methylphenol	12.288	107	122640	52.585	ng	96
37) 2-Methylnaphthalene	12.688	142	224108	45.380	ng	100
38) 1-Methylnaphthalene	12.905	142	231684	47.679	ng	95
40) 1,2,4,5-Tetrachloroben...	13.046	216	181893	57.895	ng	99
41) Hexachlorocyclopentadiene	13.034	237	218323	154.388	ng	99
43) 2,4,6-Trichlorophenol	13.275	196	105398	58.649	ng	97

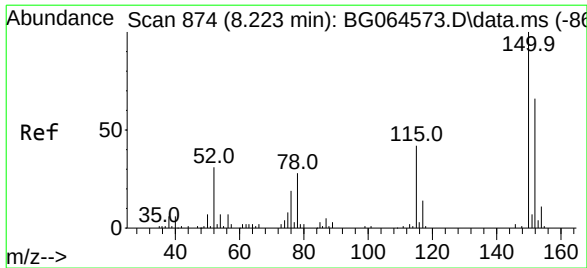
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 Response via : Initial Calibration

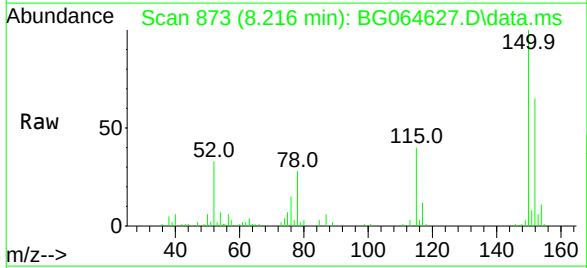
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	114236	55.084	ng	99
46) 1,1'-Biphenyl	13.680	154	374605	56.287	ng	98
47) 2-Chloronaphthalene	13.722	162	251555	50.074	ng	98
48) 2-Nitroaniline	13.910	65	95513	56.055	ng	95
49) Acenaphthylene	14.568	152	452550	57.112	ng	99
50) Dimethylphthalate	14.286	163	362240	50.569	ng	98
51) 2,6-Dinitrotoluene	14.397	165	72717	60.623	ng	97
52) Acenaphthene	14.903	154	312776	57.775	ng	99
53) 3-Nitroaniline	14.720	138	50027	40.637	ng	98
54) 2,4-Dinitrophenol	14.926	184	99300	132.948	ng	# 46
55) Dibenzofuran	15.237	168	444561	50.793	ng	100
56) 4-Nitrophenol	15.020	139	139148	121.914	ng	90
57) 2,4-Dinitrotoluene	15.179	165	108193	58.491	ng	99
58) Fluorene	15.884	166	345737	50.581	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.455	232	122956	62.001	ng	99
60) Diethylphthalate	15.643	149	365971	50.036	ng	98
61) 4-Chlorophenyl-phenyle...	15.872	204	195464	50.956	ng	99
62) 4-Nitroaniline	15.884	138	81463	59.481	ng	93
63) Azobenzene	16.160	77	358981	53.492	ng	100
65) 4,6-Dinitro-2-methylph...	15.943	198	67553	64.726	ng	94
66) n-Nitrosodiphenylamine	16.078	169	317977	51.265	ng	98
67) 4-Bromophenyl-phenylether	16.765	248	141564	52.025	ng	96
68) Hexachlorobenzene	16.888	284	160884	51.826	ng	96
69) Atrazine	17.018	200	146978	55.064	ng	99
70) Pentachlorophenol	17.223	266	220117	113.709	ng	96
71) Phenanthrene	17.623	178	634368	50.519	ng	99
72) Anthracene	17.711	178	639545	50.069	ng	100
73) Carbazole	17.970	167	577061	51.232	ng	99
74) Di-n-butylphthalate	18.528	149	670737	51.496	ng	98
75) Fluoranthene	19.615	202	802773	51.033	ng	98
77) Benzidine	19.779	184	255069	41.873	ng	98
78) Pyrene	19.973	202	842015	47.400	ng	99
80) Butylbenzylphthalate	20.849	149	309969	57.734	ng	99
81) Benzo(a)anthracene	21.836	228	915343	50.774	ng	99
82) 3,3'-Dichlorobenzidine	21.736	252	166879	27.720	ng	96
83) Chrysene	21.900	228	868130	50.608	ng	98
84) Bis(2-ethylhexyl)phtha...	21.742	149	450725	56.183	ng	98
85) Di-n-octyl phthalate	22.999	149	774721	57.277	ng	99
87) Indeno(1,2,3-cd)pyrene	29.033	276	1117747	51.200	ng	# 97
88) Benzo(b)fluoranthene	24.133	252	914206	50.237	ng	99
89) Benzo(k)fluoranthene	24.209	252	937496	51.482	ng	97
90) Benzo(a)pyrene	25.044	252	883679	52.828	ng	100
91) Dibenzo(a,h)anthracene	29.109	278	916893	51.696	ng	98
92) Benzo(g,h,i)perylene	29.033	276	1117747	51.200	ng	98

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

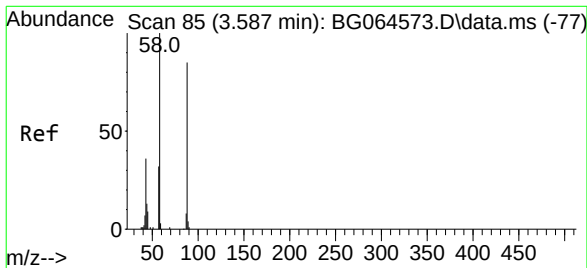
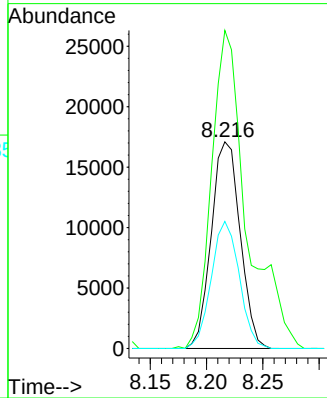
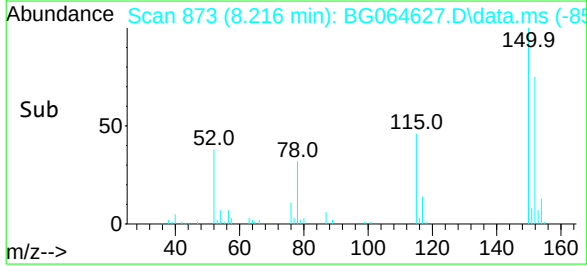


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 87
Delta R.T. -0.005 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

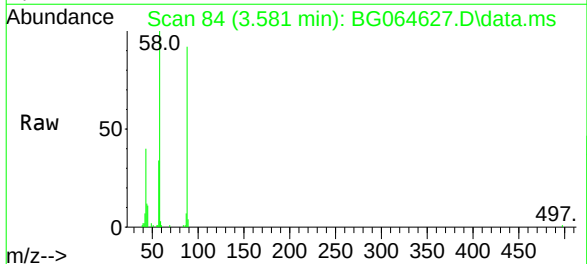
Instrument : BNA_G
ClientSampleId : PR-132-S16-015094-20251021MS



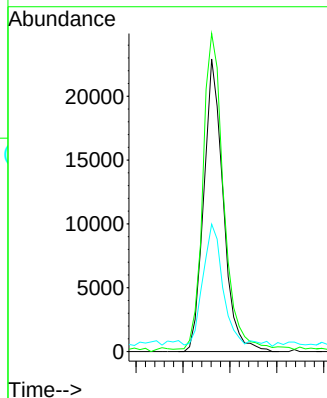
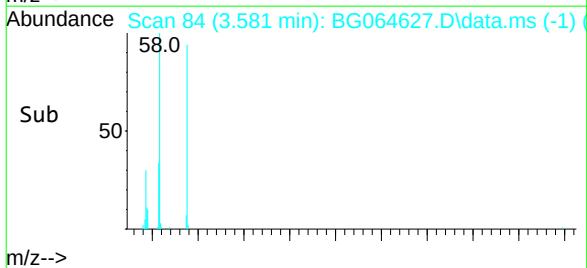
Tgt Ion: 152 Resp: 30488
Ion Ratio Lower Upper
152 100
150 153.9 122.2 183.4
115 61.5 50.8 76.2

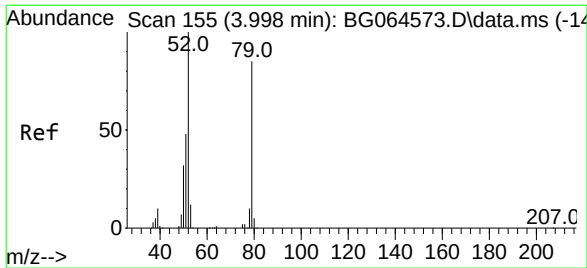


#2
1,4-Dioxane
Concen: 41.019 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34



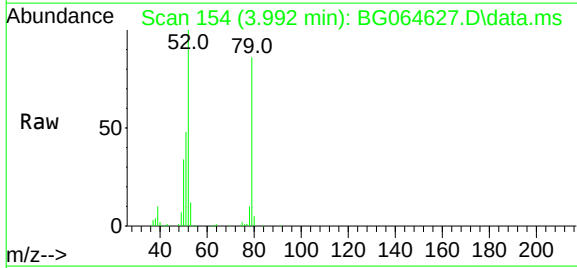
Tgt Ion: 88 Resp: 32986
Ion Ratio Lower Upper
88 100
58 115.1 92.4 138.6
43 44.0 33.0 49.6



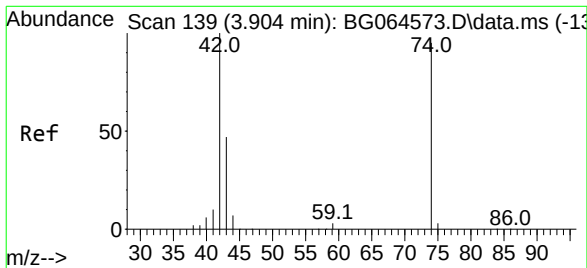
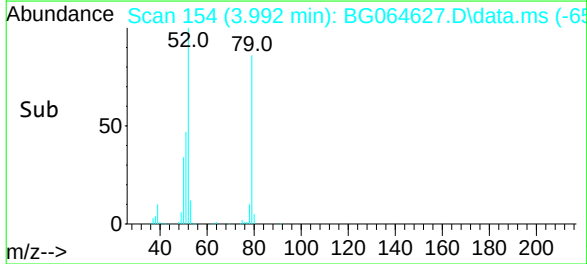
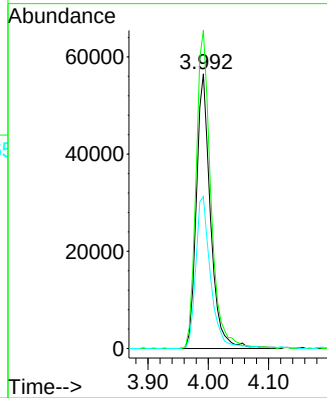


#3
Pyridine
Concen: 37.972 ng
RT: 3.992 min Scan# 15
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

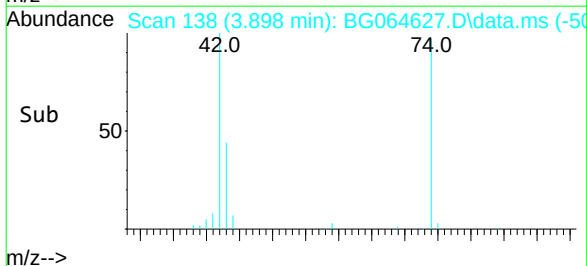
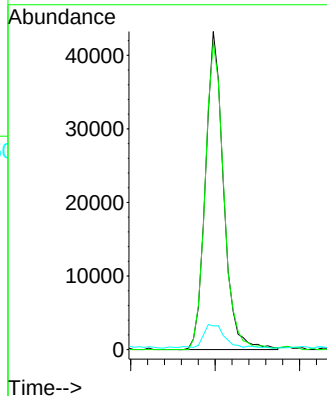
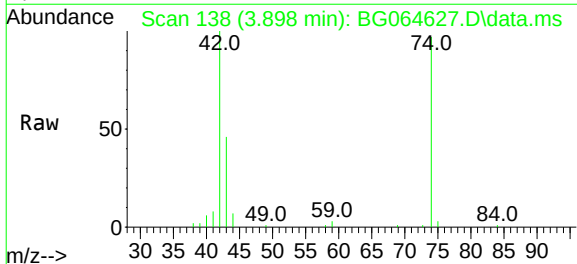


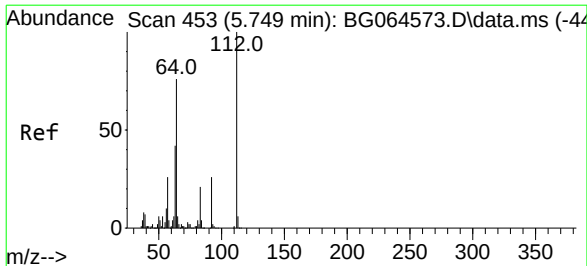
Tgt Ion	Ratio	Lower	Upper
79	100		
52	115.8	94.2	141.2
51	55.3	46.1	69.1



#4
n-Nitrosodimethylamine
Concen: 49.810 ng
RT: 3.898 min Scan# 138
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	96.6	76.1	114.1
44	7.4	6.3	9.5

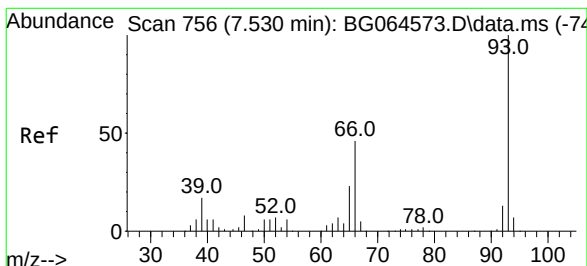
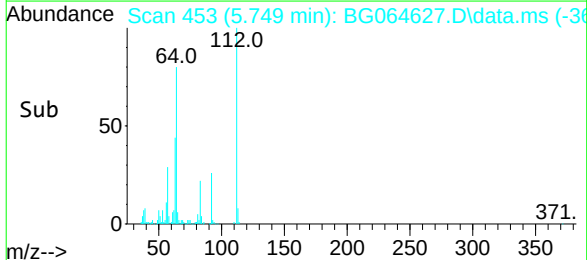
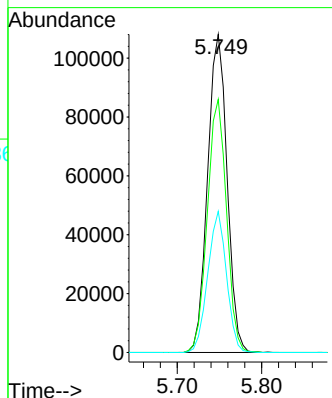
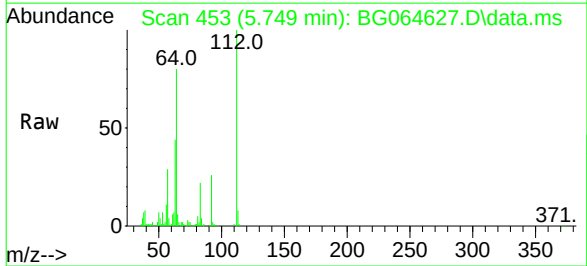




#5
2-Fluorophenol
Concen: 95.462 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

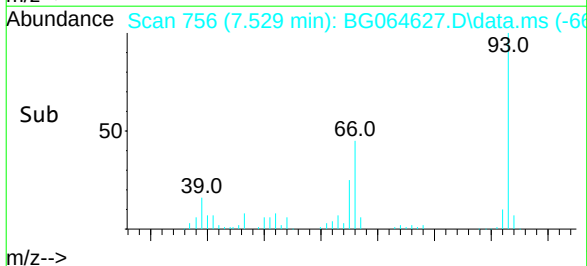
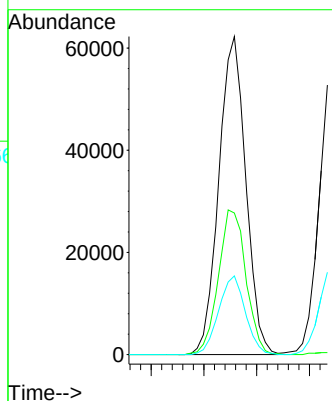
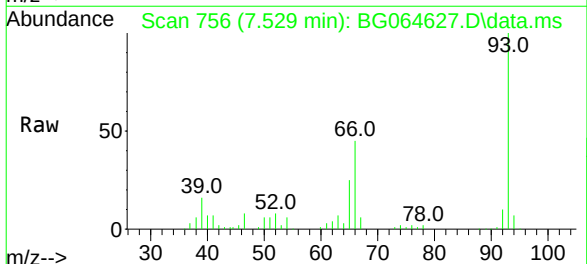
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BNA_G
ClientSampleId :
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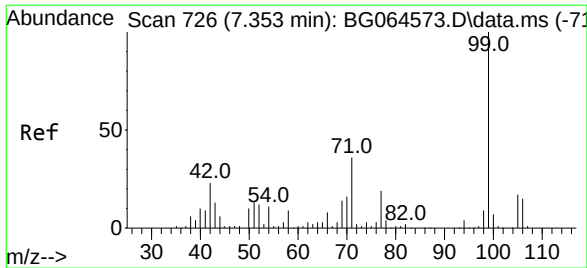
Tgt Ion:	112	Resp:	173396
Ion	Ratio	Lower	Upper
112	100		
64	79.6	60.7	91.1
63	44.4	33.4	50.0



#6
Aniline
Concen: 32.624 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:	93	Resp:	110647
Ion	Ratio	Lower	Upper
93	100		
66	44.5	37.0	55.6
65	24.7	18.3	27.5

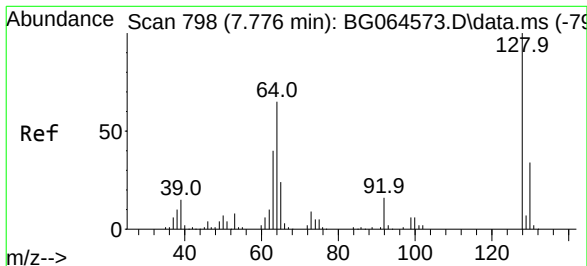
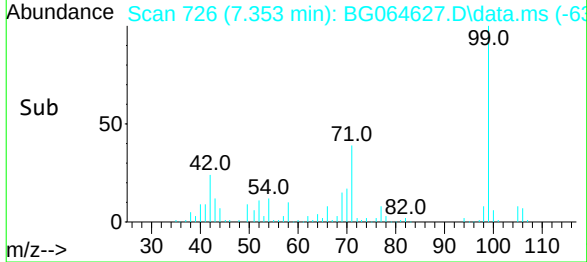
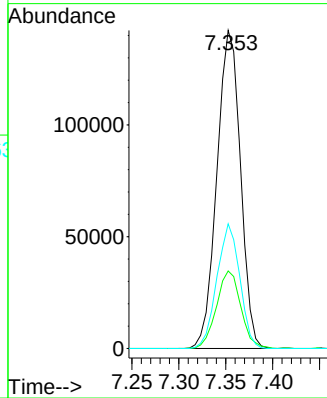
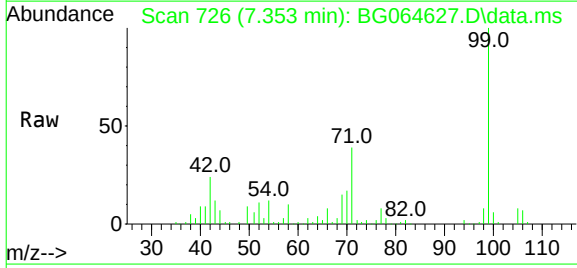




#7
Phenol-d6
Concen: 99.678 ng
RT: 7.353 min Scan# 726
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

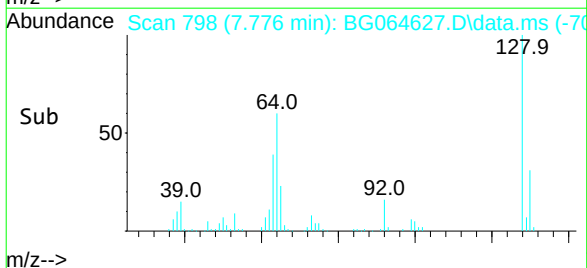
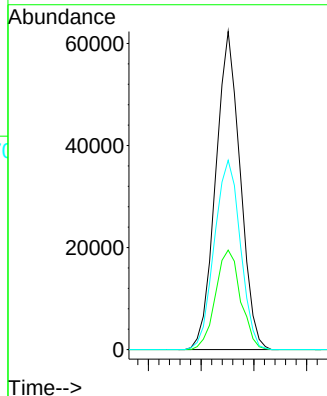
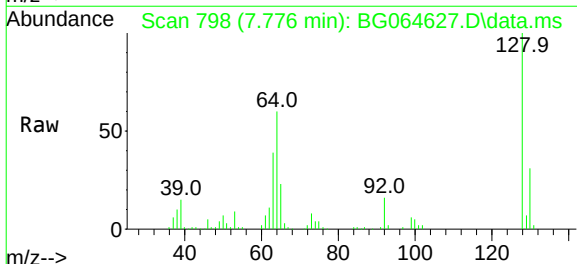
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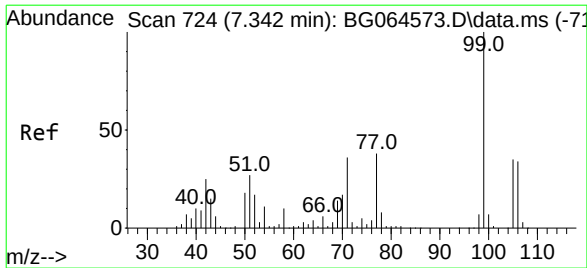
Tgt Ion:	99	Resp:	248444
Ion	Ratio	Lower	Upper
99	100		
42	24.4	18.3	27.5
71	39.2	28.6	43.0



#8
2-Chlorophenol
Concen: 53.064 ng
RT: 7.776 min Scan# 798
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:	128	Resp:	100885
Ion	Ratio	Lower	Upper
128	100		
130	31.3	13.5	53.5
64	59.5	45.2	85.2

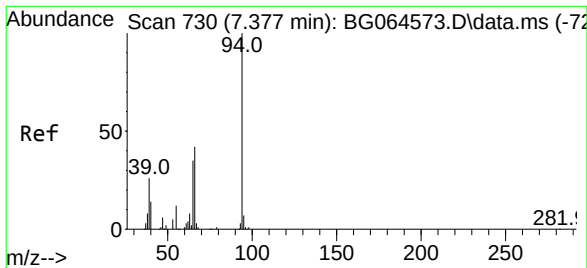
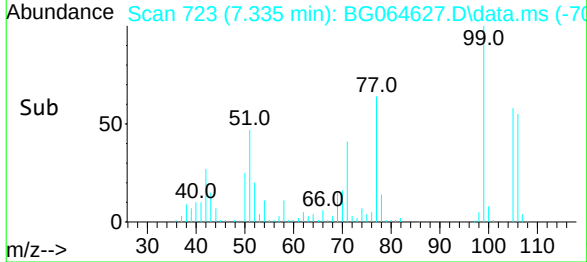
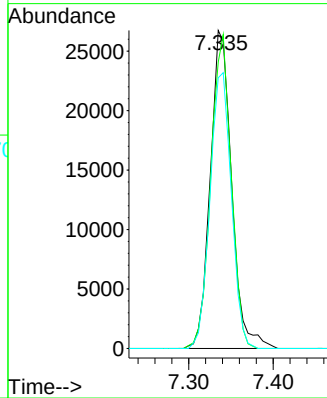
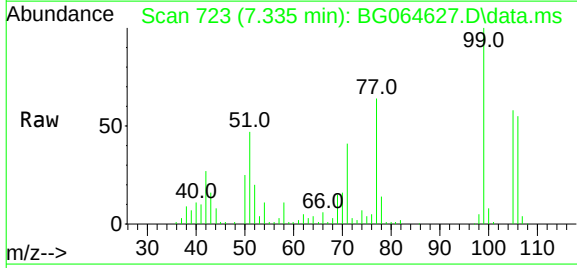




#9
Benzaldehyde
Concen: 34.610 ng
RT: 7.335 min Scan# 724
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

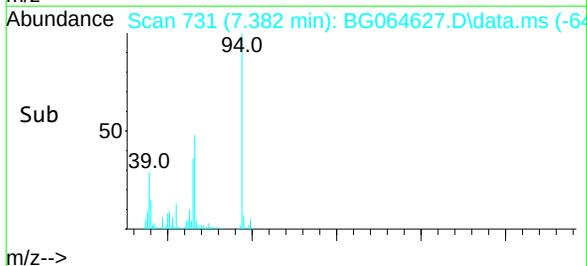
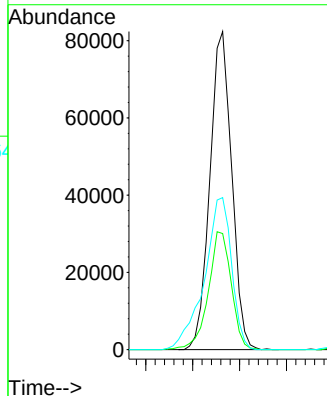
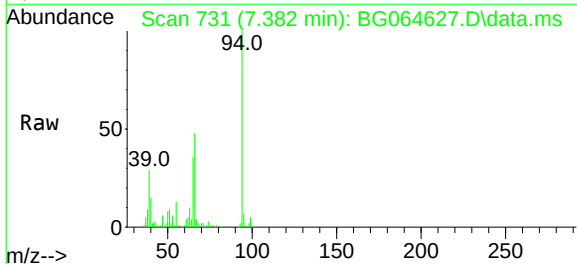
Instrument : BNA_G
ClientSampleId : PR-132-S16-015094-20251021MS

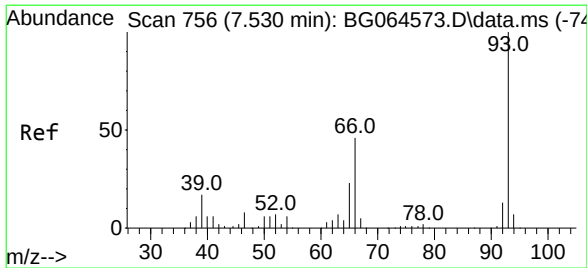
Tgt Ion: 77 Resp: 47095
Ion Ratio Lower Upper
77 100
105 90.0 72.9 112.9
106 85.1 70.8 110.8



#10
Phenol
Concen: 48.280 ng
RT: 7.382 min Scan# 731
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

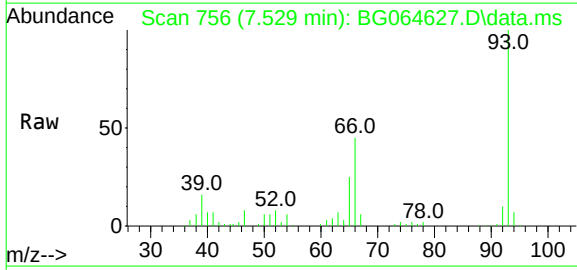
Tgt Ion: 94 Resp: 133081
Ion Ratio Lower Upper
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65 36.5 15.8 55.8
66 47.8 24.0 64.0



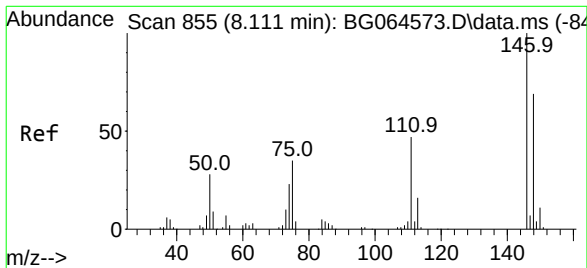
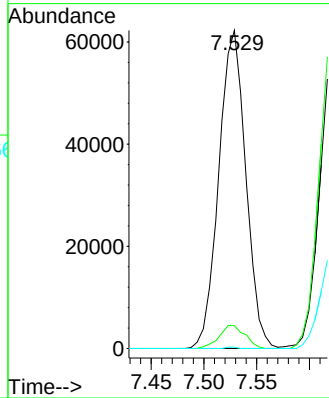
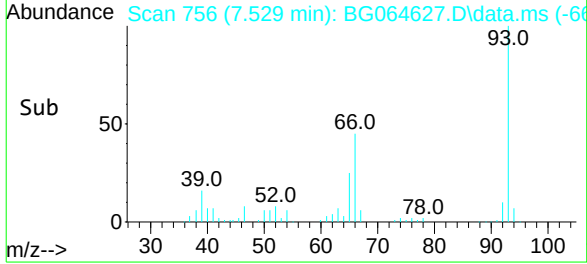


#11
bis(2-Chloroethyl)ether
Concen: 32.624 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

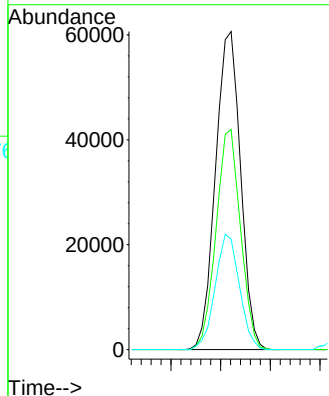
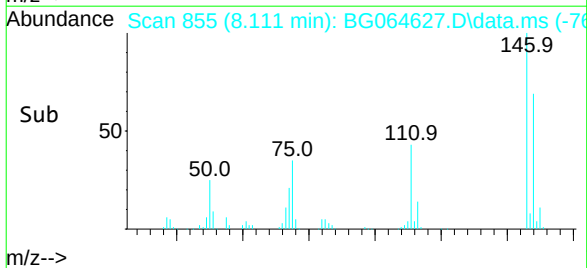
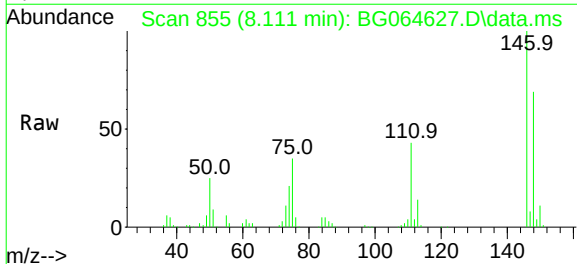


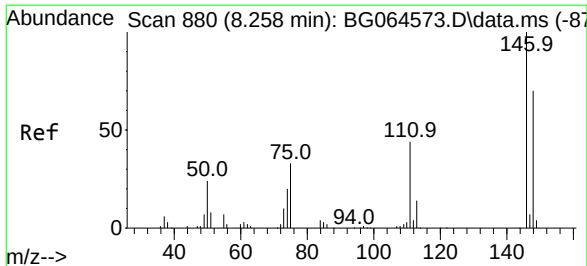
Tgt Ion: 93 Resp: 110647
Ion Ratio Lower Upper
93 100
63 7.2 0.0 27.4
95 0.4 0.0 20.2



#12
1,3-Dichlorobenzene
Concen: 48.719 ng
RT: 8.111 min Scan# 855
Delta R.T. 0.002 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

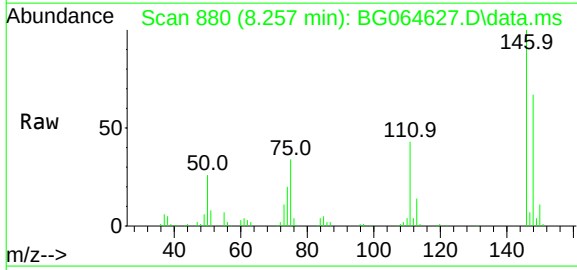
Tgt Ion: 146 Resp: 106607
Ion Ratio Lower Upper
146 100
148 69.2 55.3 82.9
75 34.8 28.2 42.2



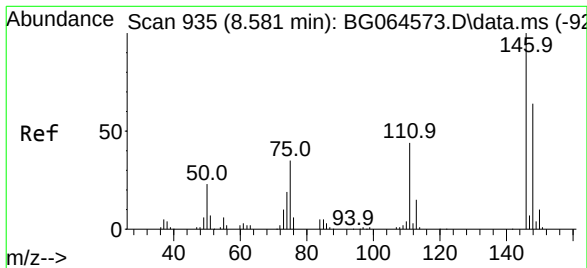
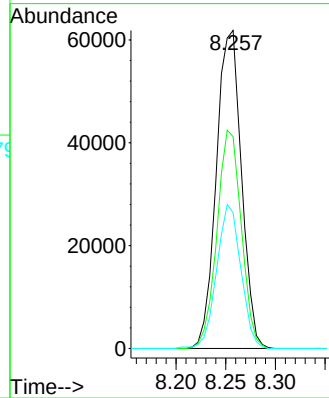
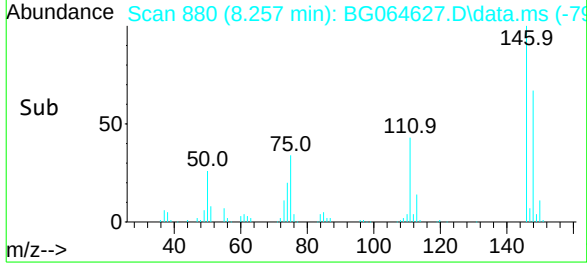


#13
1,4-Dichlorobenzene
Concen: 48.909 ng
RT: 8.257 min Scan# 88
Delta R.T. 0.002 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

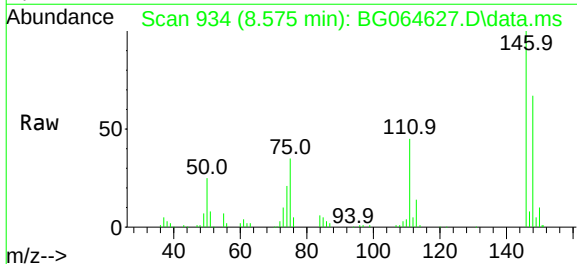
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS



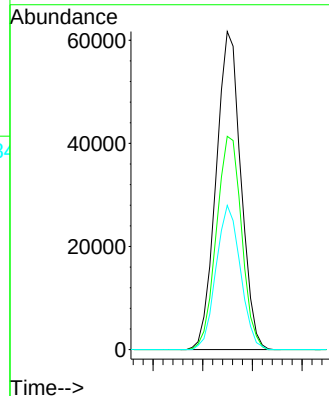
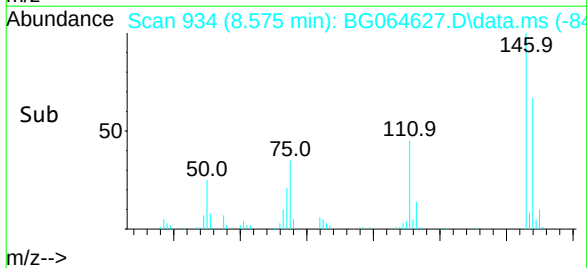
Tgt Ion:146 Resp: 108820
Ion Ratio Lower Upper
146 100
148 66.6 56.2 84.4
111 42.7 35.4 53.0

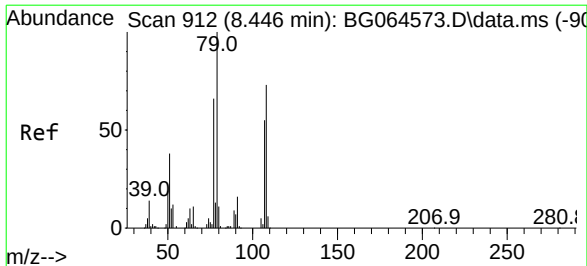


#14
1,2-Dichlorobenzene
Concen: 49.907 ng
RT: 8.575 min Scan# 934
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34



Tgt Ion:146 Resp: 107105
Ion Ratio Lower Upper
146 100
148 67.1 51.5 77.3
111 45.3 35.0 52.6

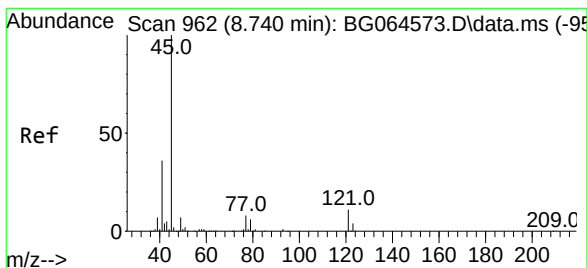
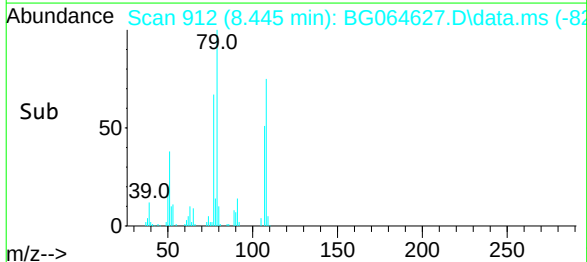
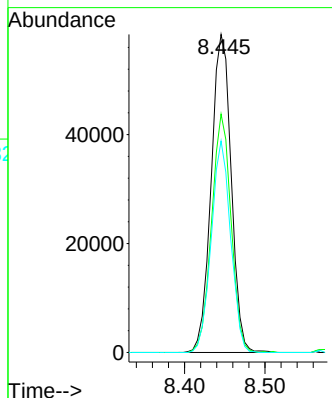
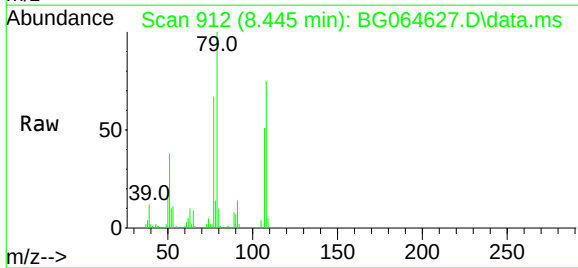




#15
Benzyl Alcohol
Concen: 49.058 ng
RT: 8.445 min Scan# 912
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

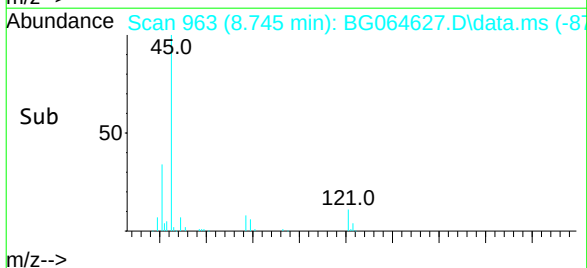
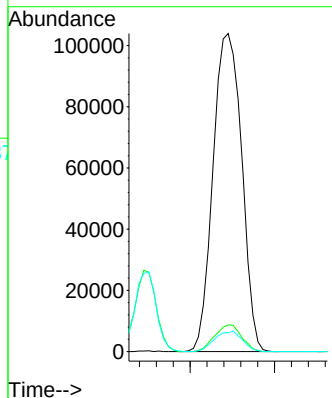
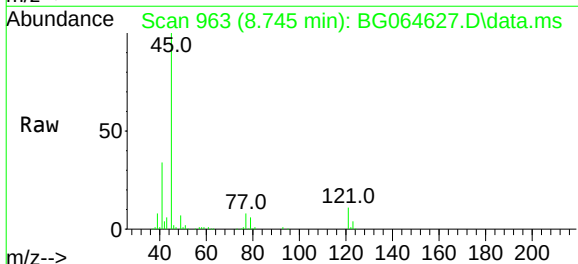
Instrument : BNA_G
ClientSampleId : PR-132-S16-015094-20251021MS

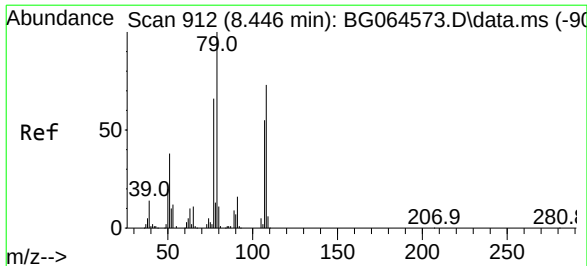
Tgt Ion:	79	Resp:	100831
Ion	Ratio	Lower	Upper
79	100		
108	75.0	58.1	87.1
77	66.5	52.8	79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.132 ng
RT: 8.745 min Scan# 963
Delta R.T. 0.002 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

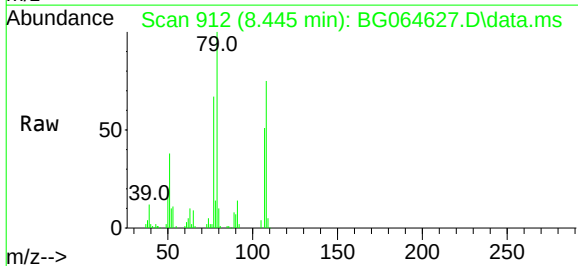
Tgt Ion:	45	Resp:	245238
Ion	Ratio	Lower	Upper
45	100		
77	8.4	0.0	28.5
79	5.9	0.0	25.6



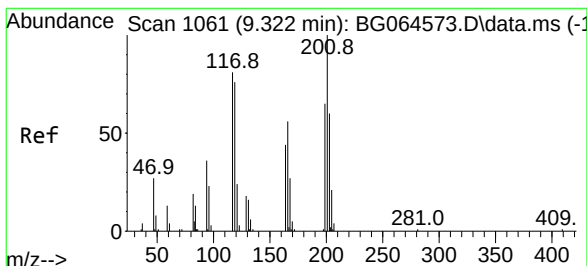
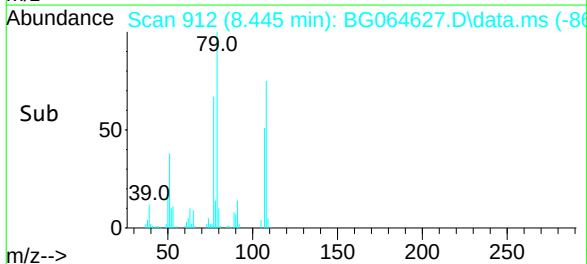
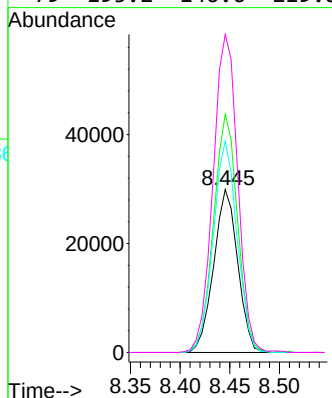


#17
2-Methylphenol
Concen: 49.034 ng
RT: 8.445 min Scan# 912
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument : BNA_G
ClientSampleId : PR-132-S16-015094-20251021MS

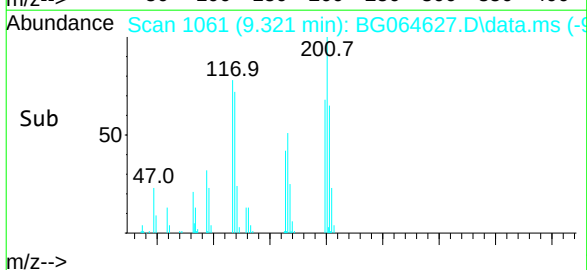
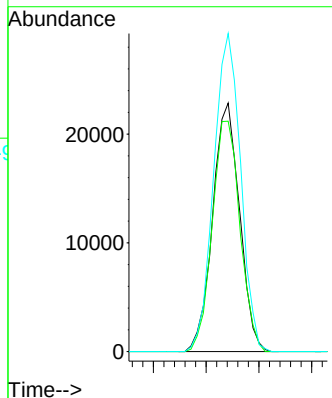
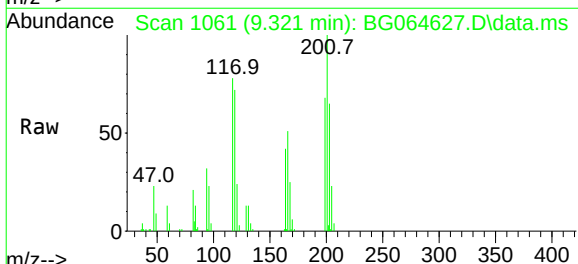


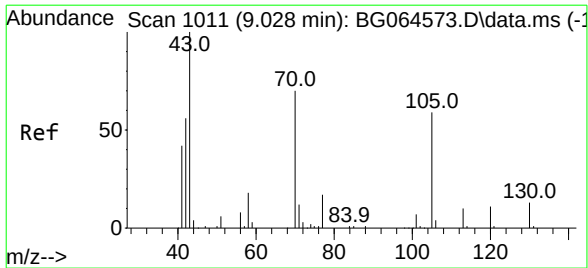
Tgt Ion:	107	Resp:	50376
Ion Ratio	Lower	Upper	
107	100		
108	146.3	106.4	159.6
77	129.8	96.7	145.1
79	195.2	146.6	219.8



#18
Hexachloroethane
Concen: 51.921 ng
RT: 9.321 min Scan# 1061
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:	117	Resp:	40540
Ion Ratio	Lower	Upper	
117	100		
119	92.7	75.4	113.2
201	128.0	99.2	148.8

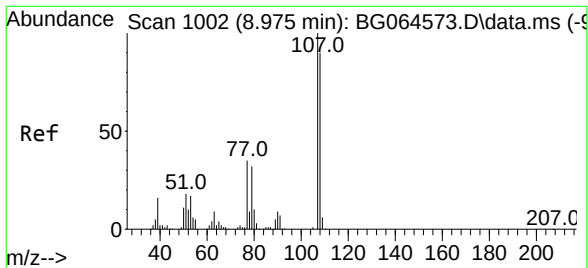
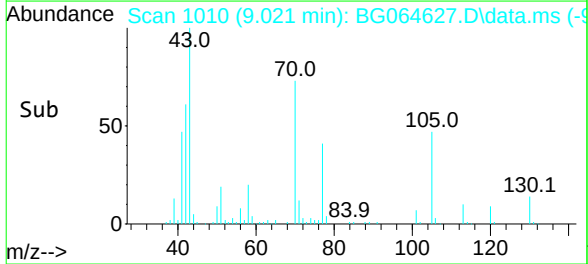
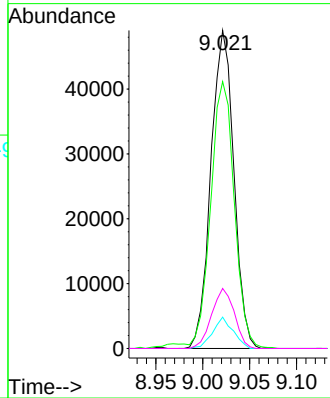
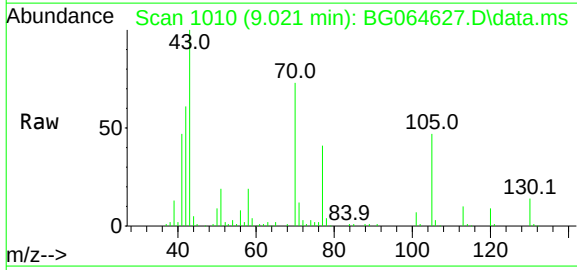




#19
n-Nitroso-di-n-propylamine
Concen: 48.377 ng
RT: 9.021 min Scan# 1011
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

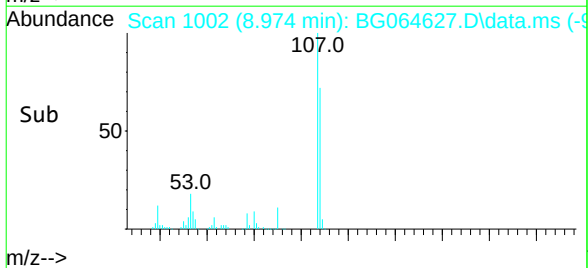
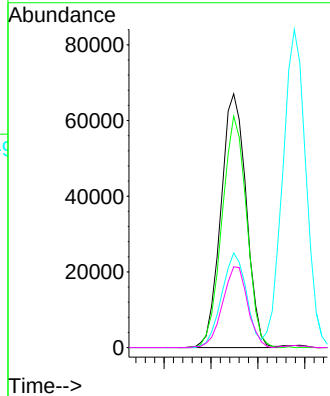
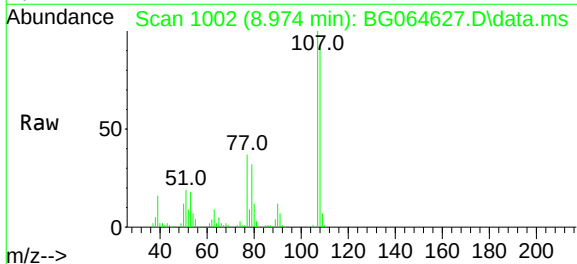
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

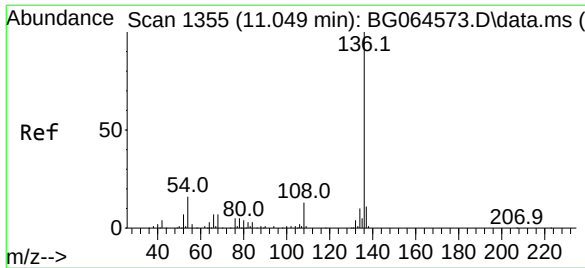
Tgt Ion:	70	Resp:	83332
Ion	Ratio	Lower	Upper
70	100		
42	83.9	65.2	97.8
101	9.9	7.9	11.9
130	18.9	14.3	21.5



#20
3+4-Methylphenols
Concen: 48.821 ng
RT: 8.974 min Scan# 1002
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

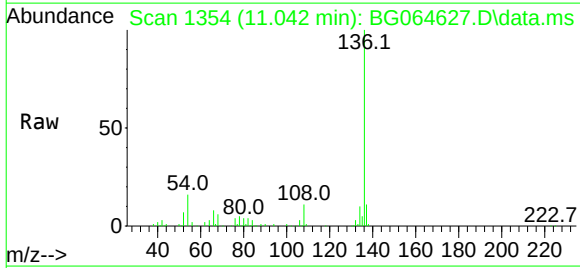
Tgt Ion:	107	Resp:	125652
Ion	Ratio	Lower	Upper
107	100		
108	91.2	70.3	110.3
77	37.3	14.6	54.6
79	31.8	11.7	51.7



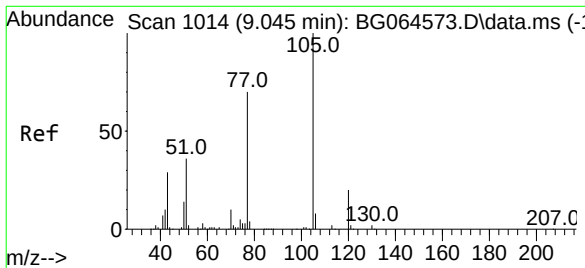
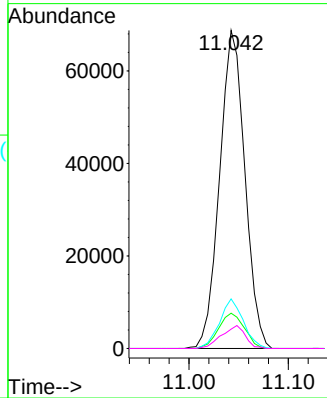
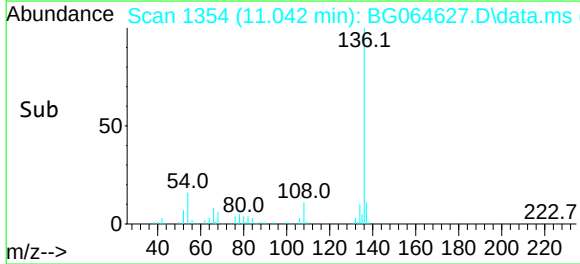


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.042 min Scan# 13
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

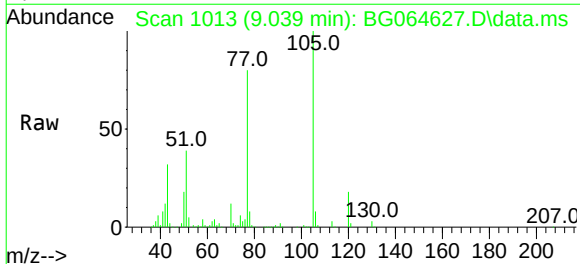
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS



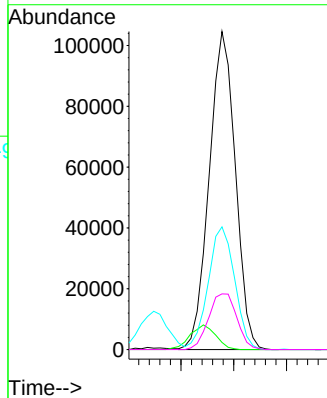
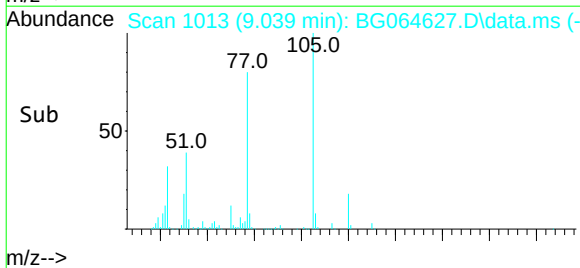
Tgt Ion:136 Resp: 121320
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 15.6 12.6 19.0
68 6.1 5.7 8.5

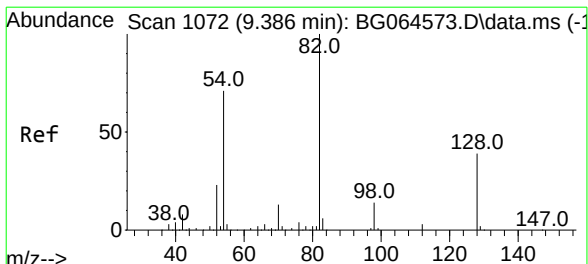


#22
Acetophenone
Concen: 54.347 ng
RT: 9.039 min Scan# 1013
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34



Tgt Ion:105 Resp: 180237
Ion Ratio Lower Upper
105 100
71 2.3 1.5 2.3
51 38.6 33.7 50.5
120 17.5 16.1 24.1





#23

Nitrobenzene-d5

Concen: 76.945 ng

RT: 9.380 min Scan# 1071

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

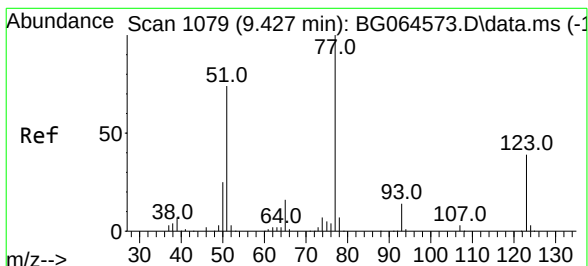
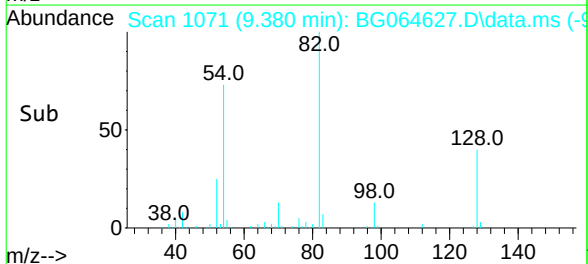
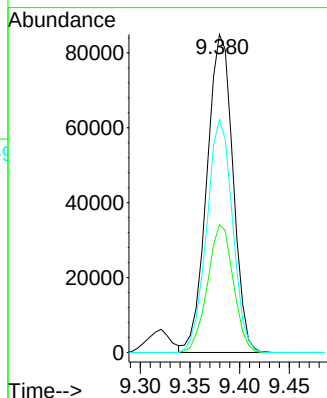
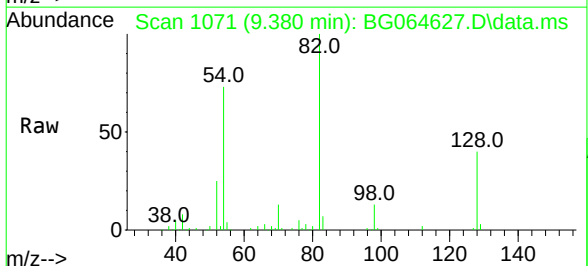
Tgt Ion: 82 Resp: 155421

Ion Ratio Lower Upper

82 100

128 40.2 31.3 46.9

54 73.2 56.6 84.8



#24

Nitrobenzene

Concen: 55.332 ng

RT: 9.421 min Scan# 1078

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

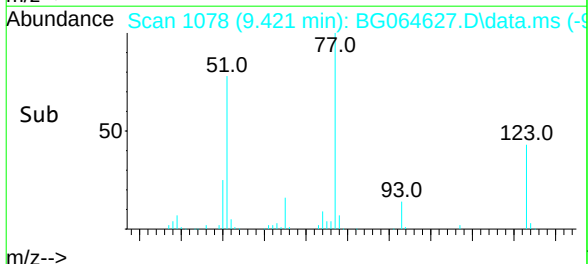
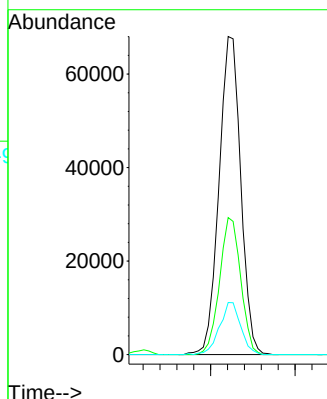
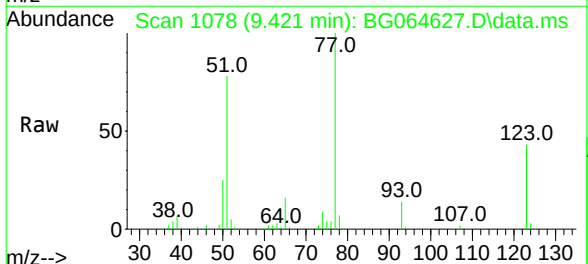
Tgt Ion: 77 Resp: 121561

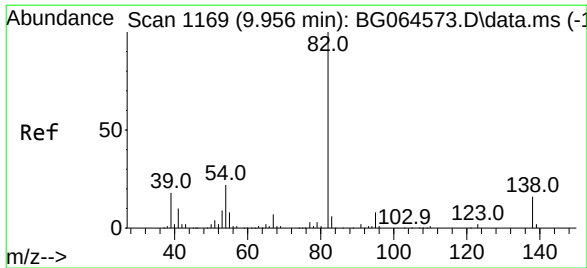
Ion Ratio Lower Upper

77 100

123 43.1 31.0 46.6

65 16.4 12.7 19.1





#25

Isophorone

Concen: 49.637 ng

RT: 9.955 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

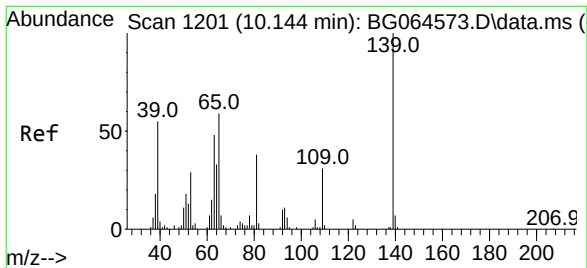
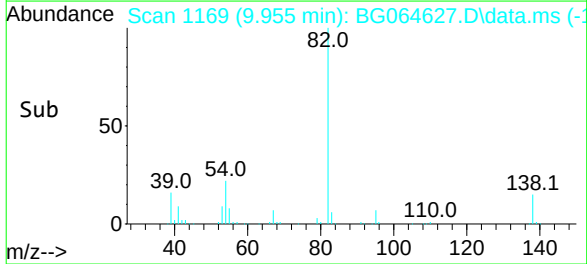
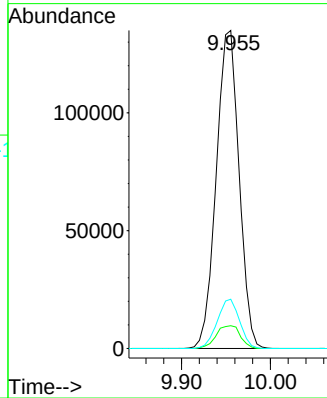
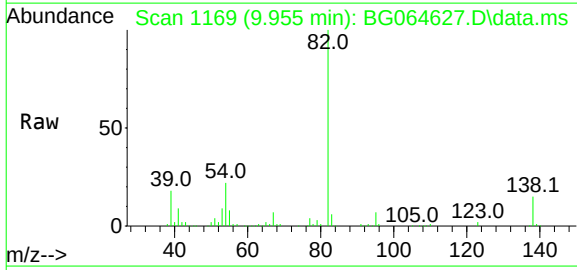
Tgt Ion: 82 Resp: 240580

Ion Ratio Lower Upper

82 100

95 7.2 6.1 9.1

138 15.5 13.0 19.4



#26

2-Nitrophenol

Concen: 62.810 ng

RT: 10.138 min Scan# 1200

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

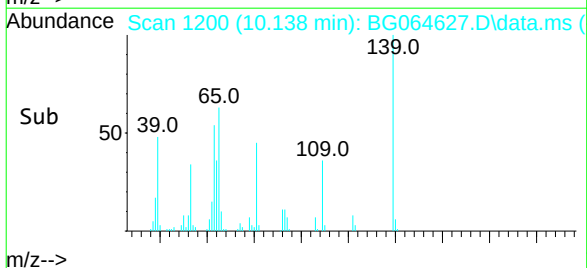
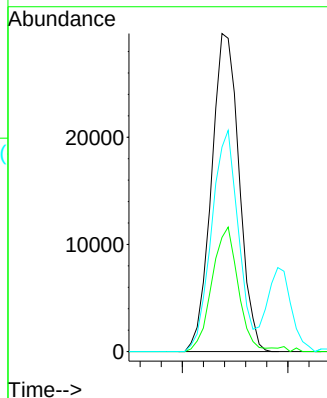
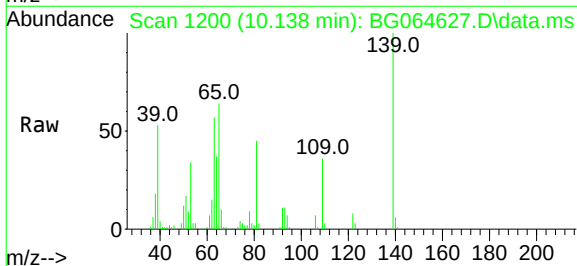
Tgt Ion:139 Resp: 54118

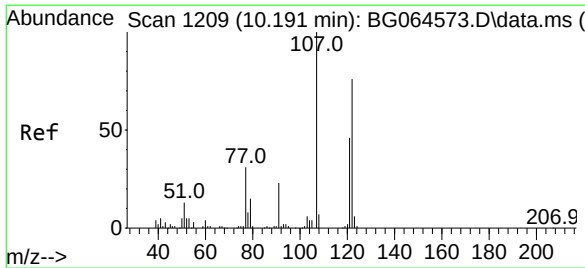
Ion Ratio Lower Upper

139 100

109 35.9 24.6 37.0

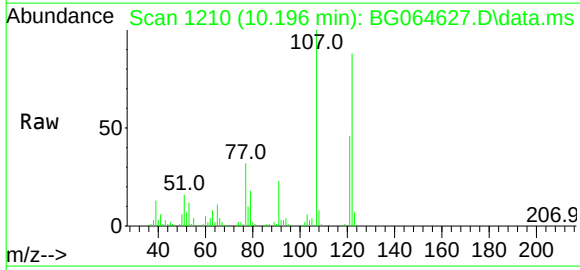
65 64.3 47.5 71.3



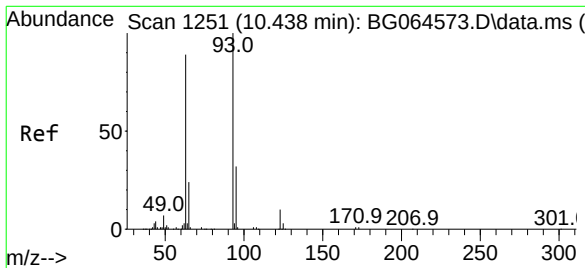
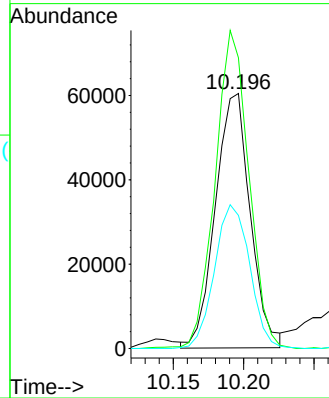
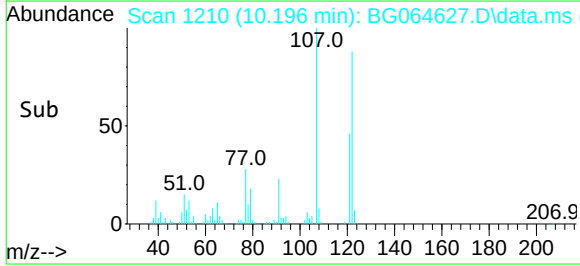


#27
2,4-Dimethylphenol
Concen: 56.519 ng
RT: 10.196 min Scan# 1210
Delta R.T. 0.002 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

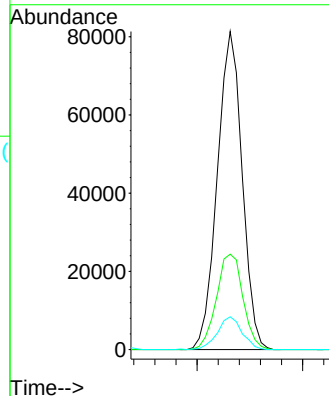
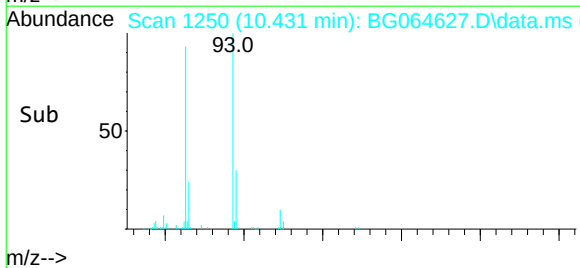
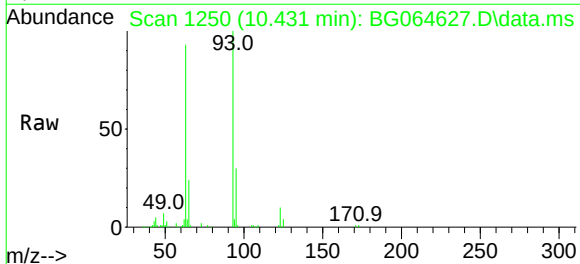


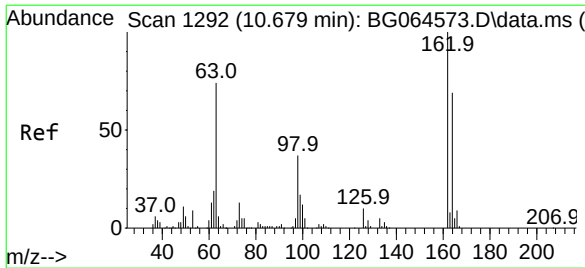
Tgt Ion:122 Resp: 103937
Ion Ratio Lower Upper
122 100
107 114.0 103.0 154.4
121 52.2 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 48.190 ng
RT: 10.431 min Scan# 1250
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion: 93 Resp: 132986
Ion Ratio Lower Upper
93 100
95 30.0 25.4 38.2
123 10.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 56.512 ng

RT: 10.678 min Scan# 12

Delta R.T. -0.004 min

Lab File: BG064627.D

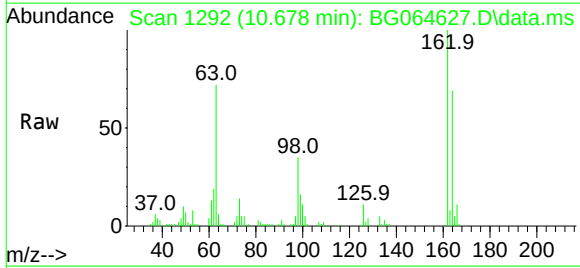
Acq: 29 Oct 2025 17:34

Instrument :

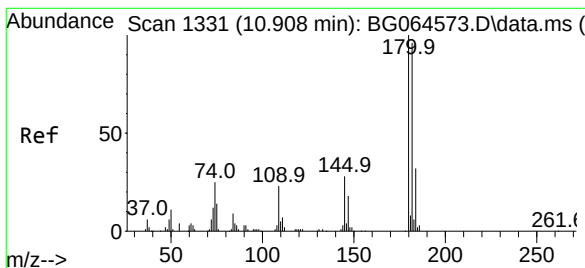
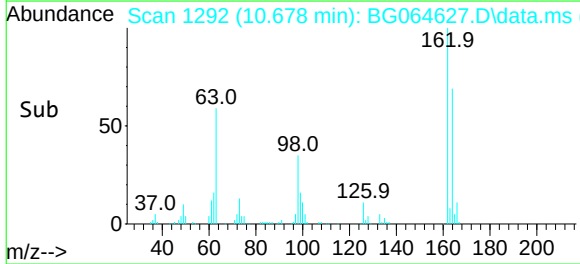
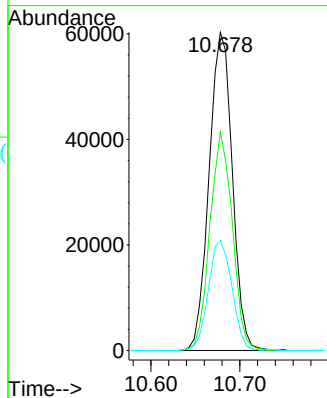
BNA_G

ClientSampleId :

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Tgt Ion:	162	Resp:	109647
Ion	Ratio	Lower	Upper
162	100		
164	68.8	48.7	88.7
98	34.6	16.9	56.9



#30

1,2,4-Trichlorobenzene

Concen: 54.496 ng

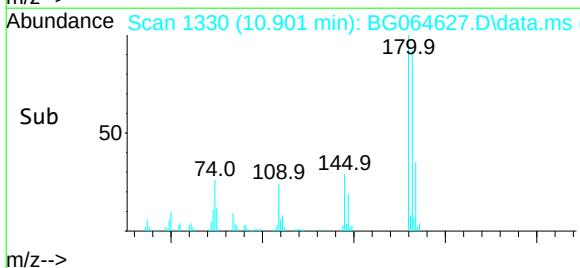
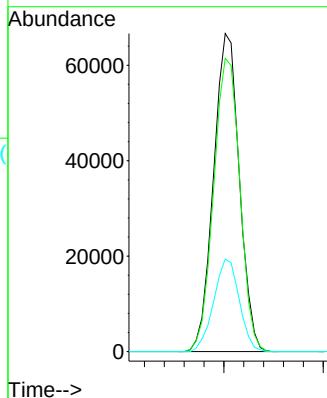
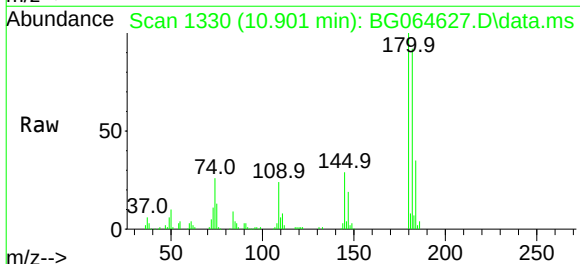
RT: 10.901 min Scan# 1330

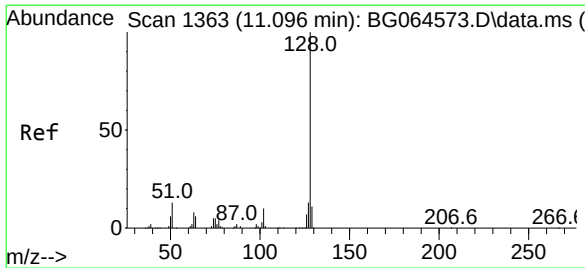
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:	180	Resp:	120137
Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.9	115.3
145	29.1	22.1	33.1

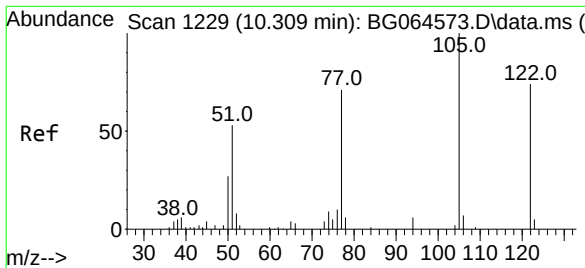
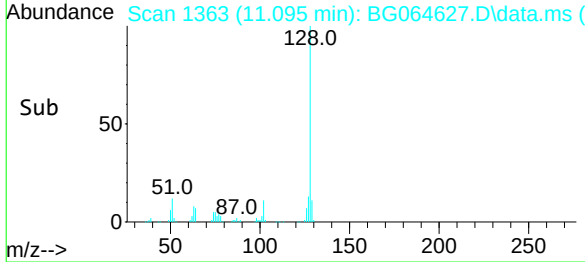
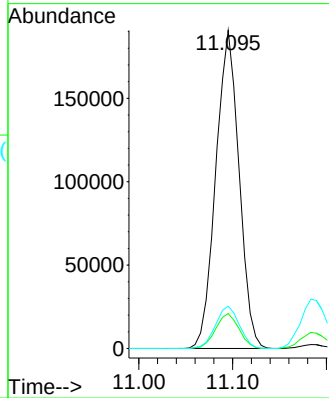
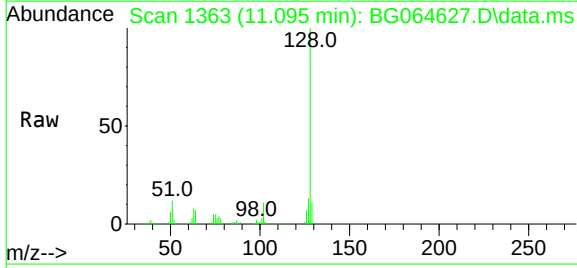




#31
Naphthalene
Concen: 48.777 ng
RT: 11.095 min Scan# 131
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

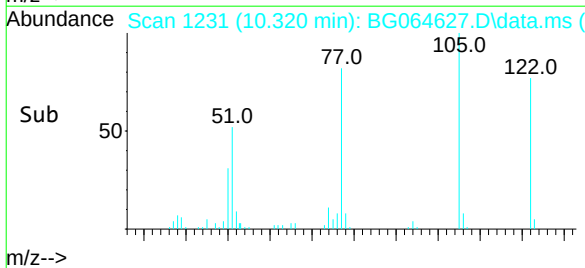
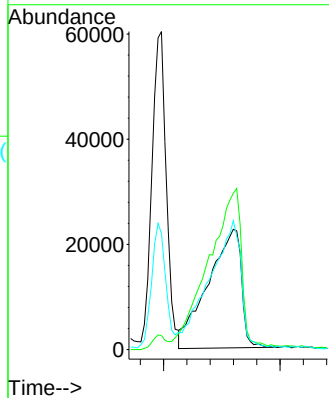
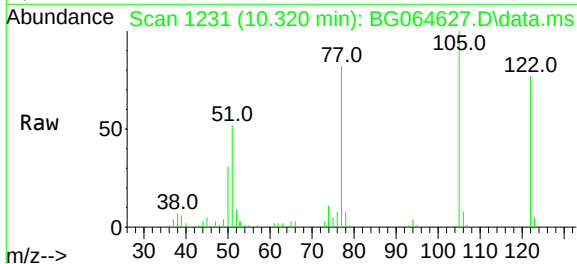
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

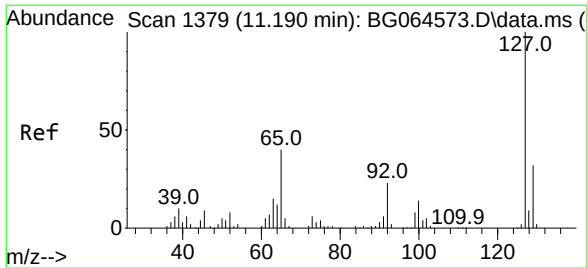
Tgt Ion:128 Resp: 328094
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 65.009 ng
RT: 10.320 min Scan# 1231
Delta R.T. -0.022 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:122 Resp: 89978
Ion Ratio Lower Upper
122 100
105 129.9 104.2 144.2
77 107.0 70.2 110.2





#33

4-Chloroaniline

Concen: 21.618 ng

RT: 11.183 min Scan# 13

Delta R.T. -0.004 min

Lab File: BG064627.D

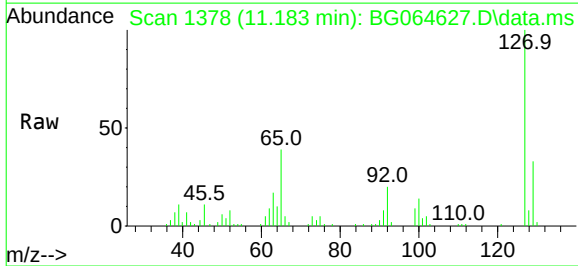
Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:127 Resp: 56519

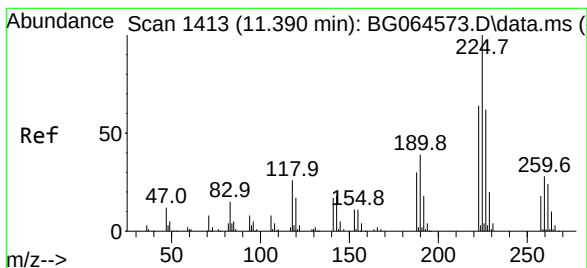
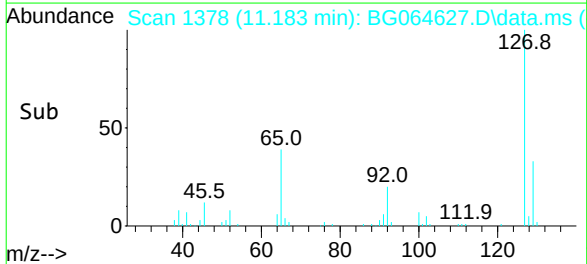
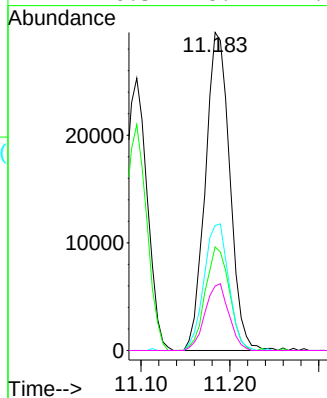
Ion Ratio Lower Upper

127 100

129 32.6 25.5 38.3

65 39.3 32.2 48.4

92 20.3 18.2 27.2



#34

Hexachlorobutadiene

Concen: 52.062 ng

RT: 11.383 min Scan# 1412

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

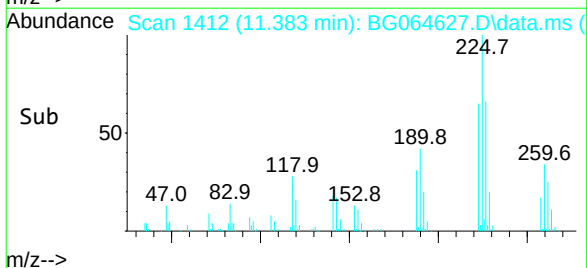
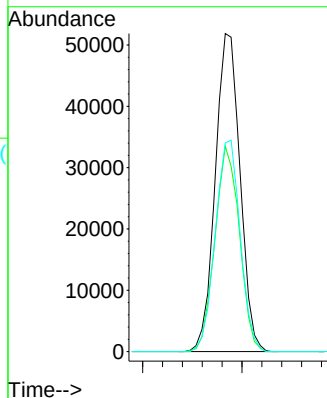
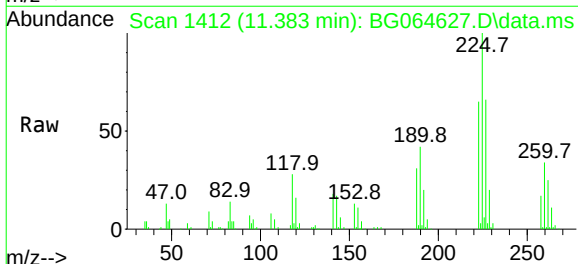
Tgt Ion:225 Resp: 89758

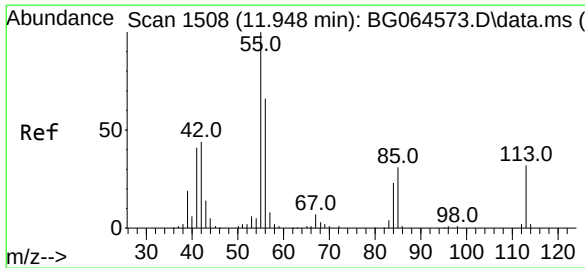
Ion Ratio Lower Upper

225 100

223 64.6 48.8 73.2

227 68.7 49.5 74.3





#35

Caprolactam

Concen: 25.758 ng

RT: 11.947 min Scan# 1508

Delta R.T. -0.028 min

Lab File: BG064627.D

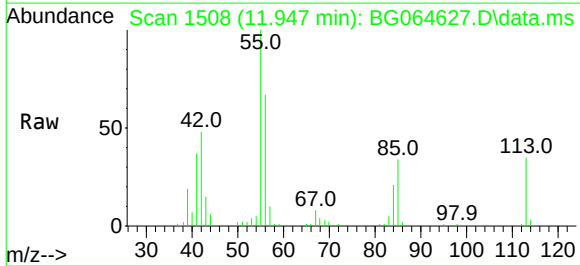
Acq: 29 Oct 2025 17:34

Instrument :

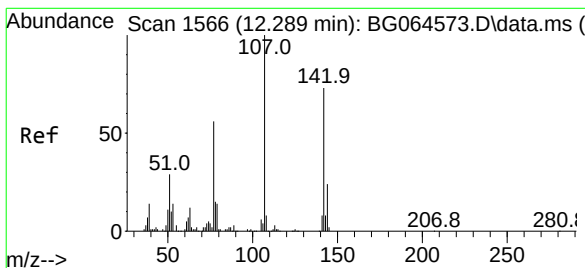
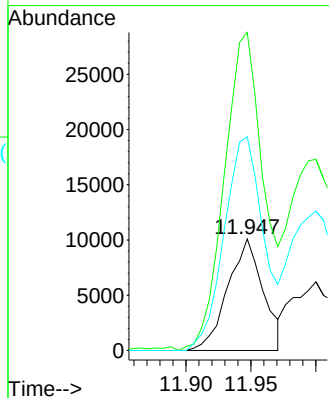
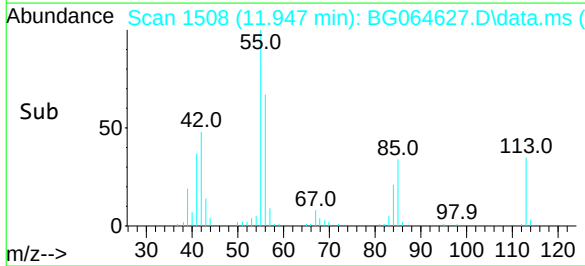
BNA_G

ClientSampleId :

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Tgt Ion:	113	Resp:	19168
Ion	Ratio	Lower	Upper
113	100		
55	284.8	290.1	330.1#
56	191.4	183.8	223.8



#36

4-Chloro-3-methylphenol

Concen: 52.585 ng

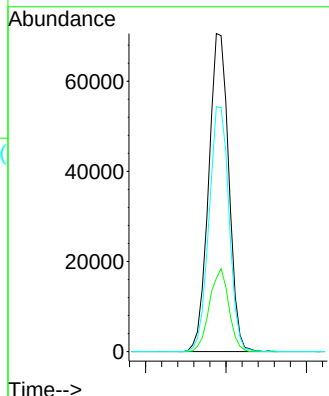
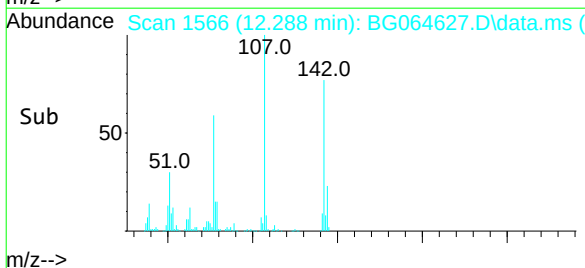
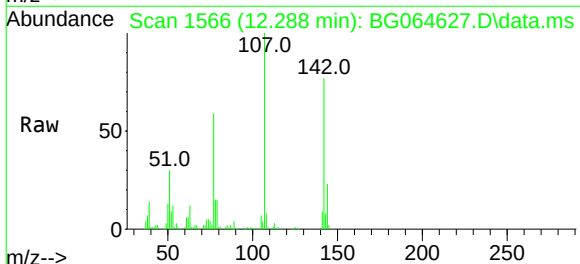
RT: 12.288 min Scan# 1566

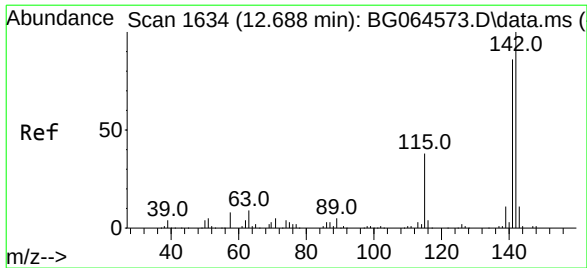
Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:	107	Resp:	122640
Ion	Ratio	Lower	Upper
107	100		
144	23.0	19.1	28.7
142	77.0	58.6	87.8

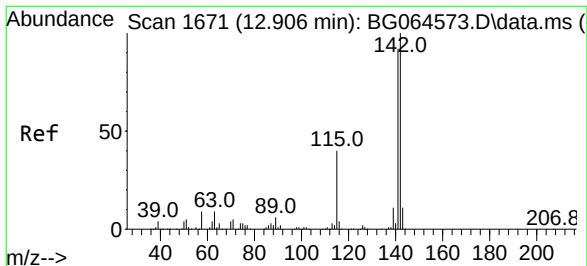
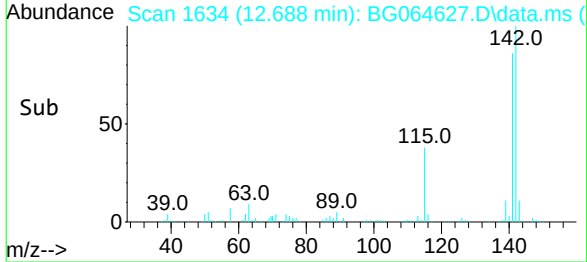
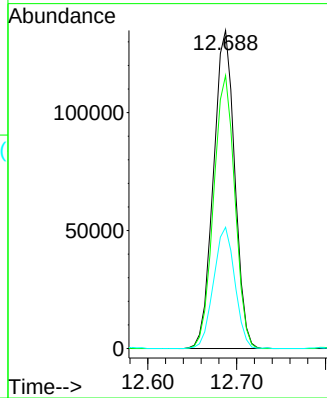
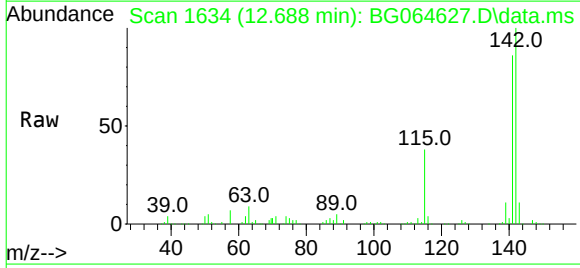




#37
2-Methylnaphthalene
Concen: 45.380 ng
RT: 12.688 min Scan# 1634
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

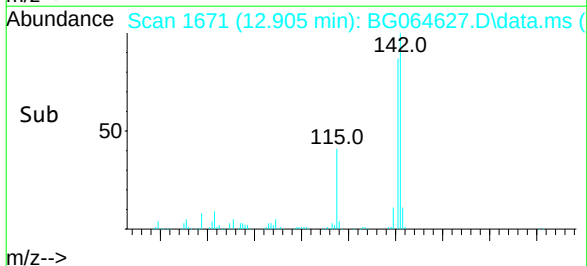
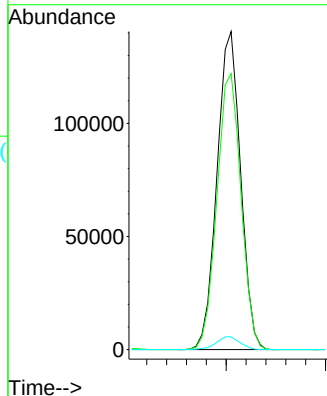
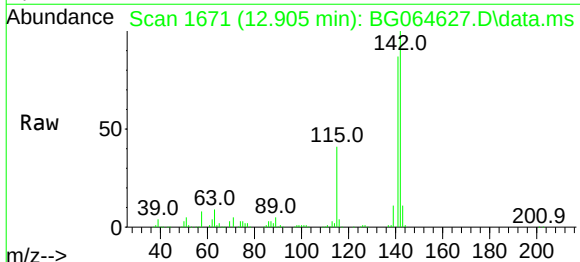
Instrument : BNA_G
ClientSampleId : PR-132-S16-015094-20251021MS

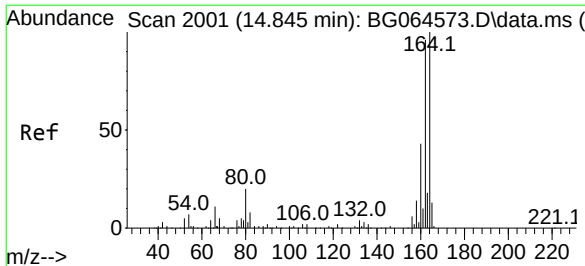
Tgt Ion:142 Resp: 224108
Ion Ratio Lower Upper
142 100
141 85.8 68.9 103.3
115 38.1 30.6 46.0



#38
1-Methylnaphthalene
Concen: 47.679 ng
RT: 12.905 min Scan# 1671
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:142 Resp: 231684
Ion Ratio Lower Upper
142 100
141 86.8 73.3 109.9
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.838 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

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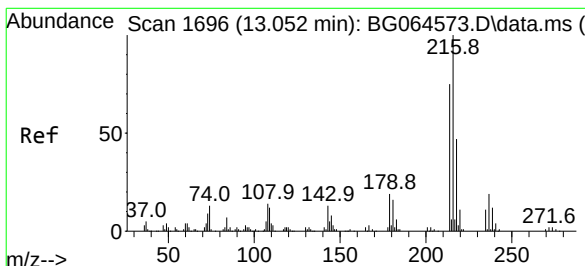
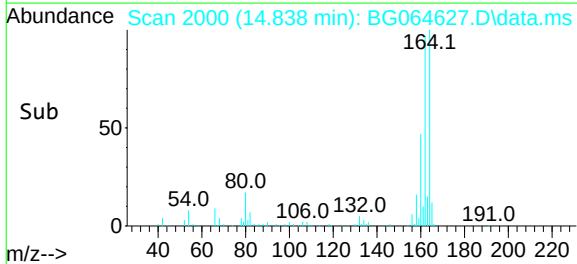
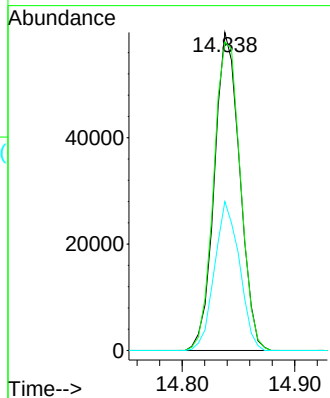
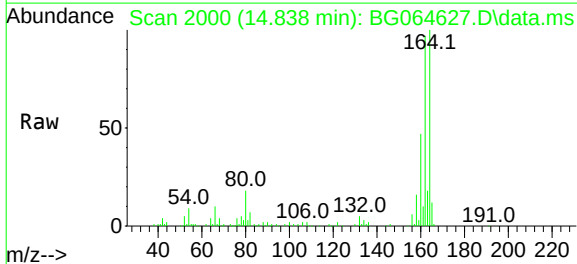
Tgt Ion:164 Resp: 93614

Ion Ratio Lower Upper

164 100

162 96.9 77.0 115.6

160 46.8 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.895 ng

RT: 13.046 min Scan# 1695

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:216 Resp: 181893

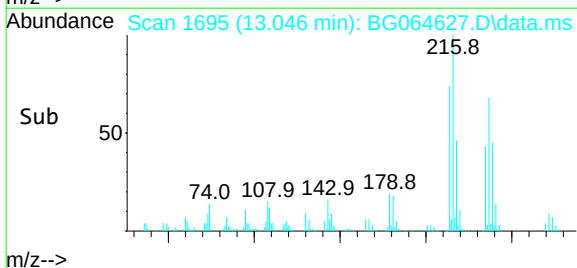
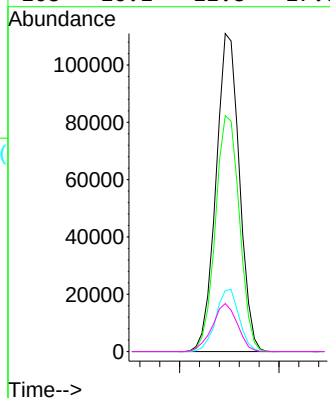
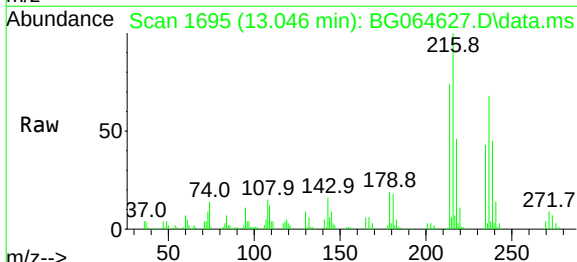
Ion Ratio Lower Upper

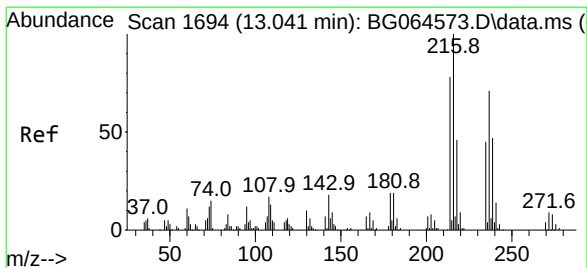
216 100

214 76.0 61.4 92.2

179 19.5 15.4 23.0

108 16.1 11.8 17.6





#41

Hexachlorocyclopentadiene

Concen: 154.388 ng

RT: 13.034 min Scan# 16

Delta R.T. -0.004 min

Lab File: BG064627.D

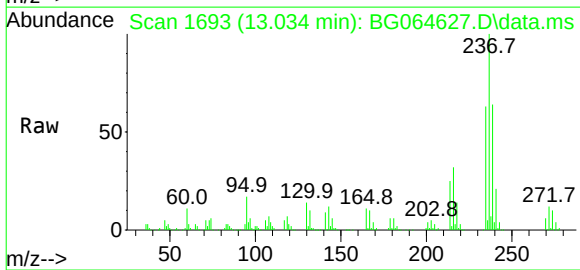
Acq: 29 Oct 2025 17:34

Instrument :

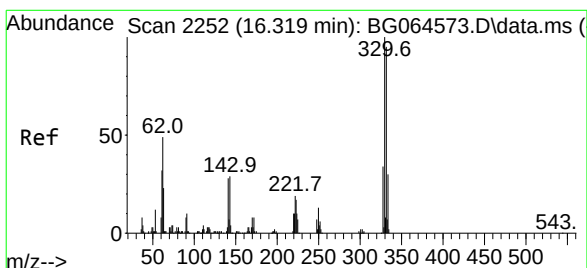
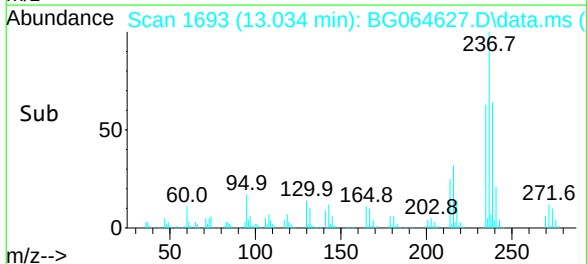
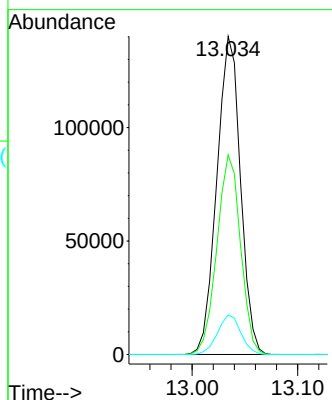
BNA_G

ClientSampleId :

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Tgt Ion:	237	Resp:	218323
Ion Ratio	Lower	Upper	
237	100		
235	62.8	44.1	84.1
272	12.4	0.0	32.4



#42

2,4,6-Tribromophenol

Concen: 123.459 ng

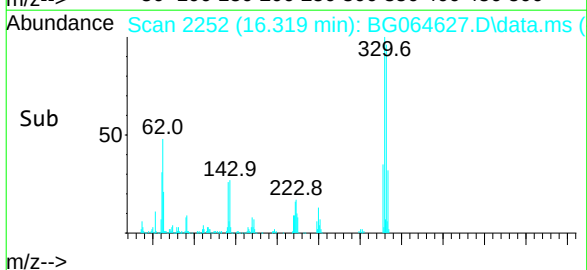
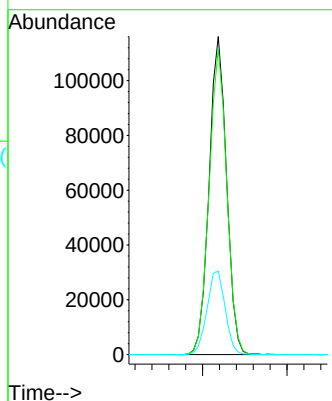
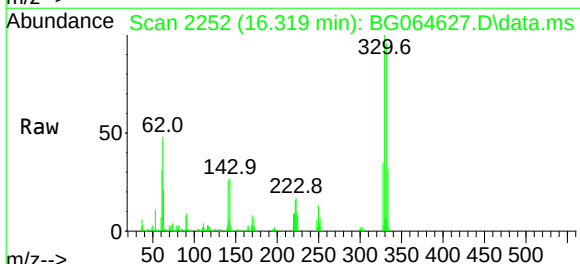
RT: 16.319 min Scan# 2252

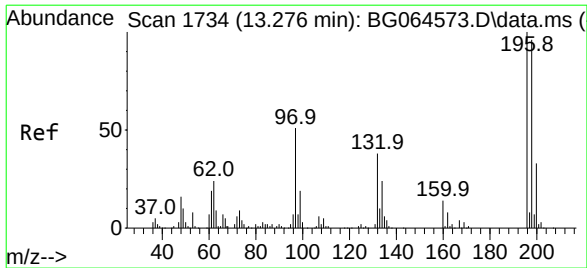
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:	330	Resp:	166810
Ion Ratio	Lower	Upper	
330	100		
332	97.3	78.0	117.0
141	27.3	21.8	32.6





#43

2,4,6-Trichlorophenol

Concen: 58.649 ng

RT: 13.275 min Scan# 1734

Delta R.T. -0.004 min

Lab File: BG064627.D

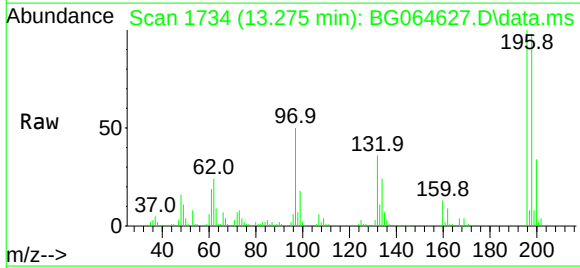
Acq: 29 Oct 2025 17:34

Instrument :

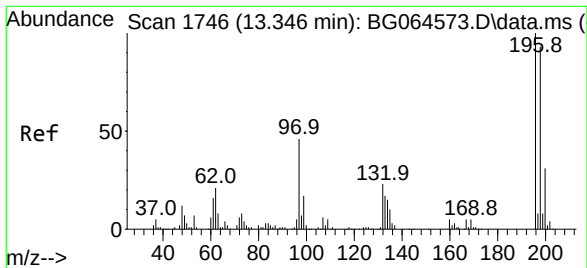
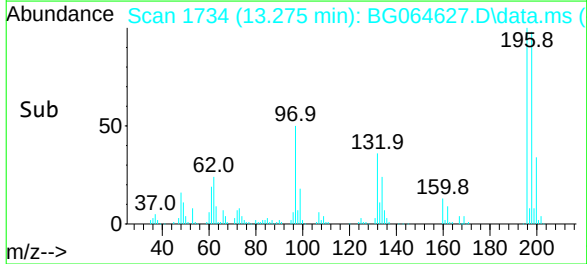
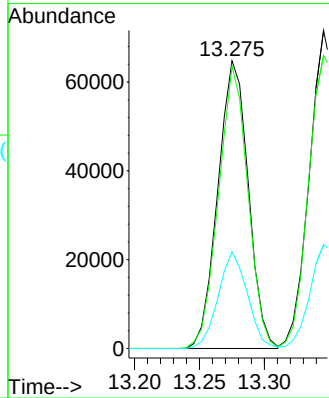
BNA_G

ClientSampleId :

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Tgt Ion:	196	Resp:	105398
Ion Ratio	Lower	Upper	
196	100		
198	98.0	76.6	115.0
200	35.8	26.0	39.0



#44

2,4,5-Trichlorophenol

Concen: 55.084 ng

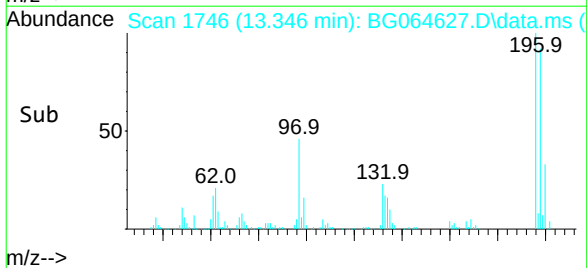
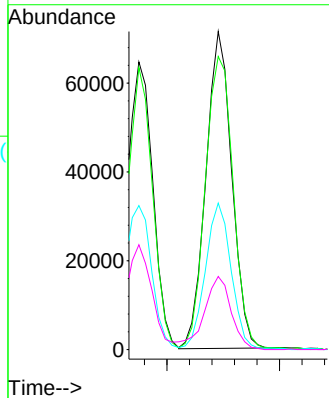
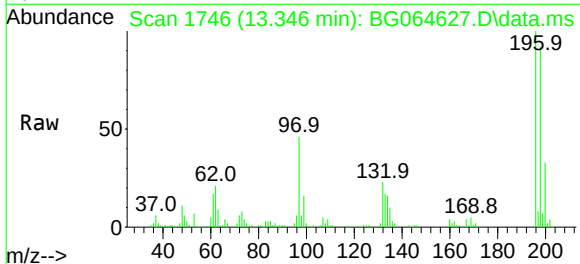
RT: 13.346 min Scan# 1746

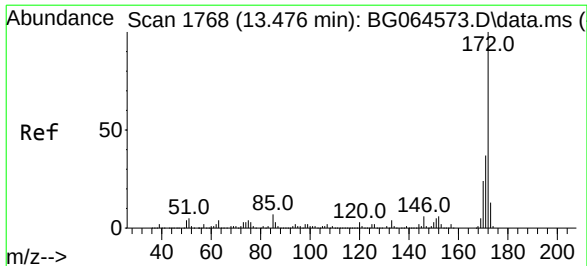
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:	196	Resp:	114236
Ion Ratio	Lower	Upper	
196	100		
198	92.2	74.2	111.4
97	46.1	37.0	55.6
132	23.0	18.5	27.7





#45

2-Fluorobiphenyl

Concen: 60.330 ng

RT: 13.469 min Scan# 17

Delta R.T. -0.010 min

Lab File: BG064627.D

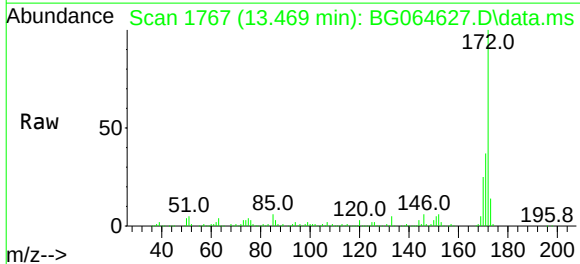
Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS



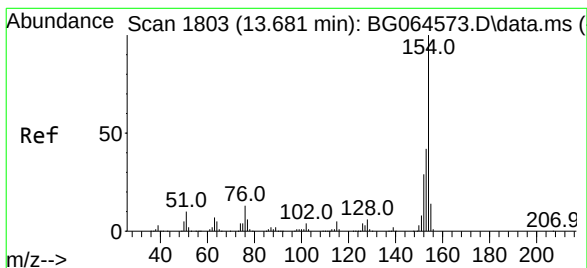
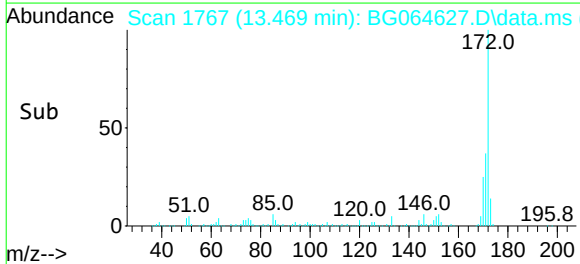
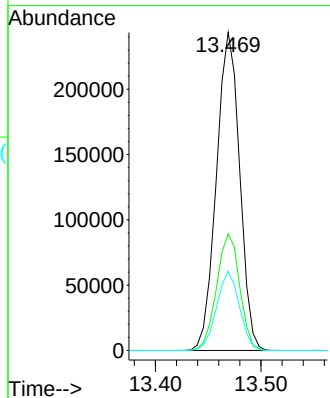
Tgt Ion:172 Resp: 372604

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

170 24.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 56.287 ng

RT: 13.680 min Scan# 1803

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

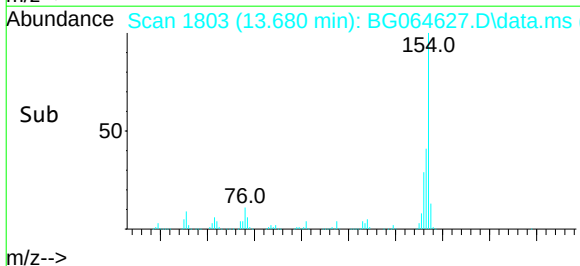
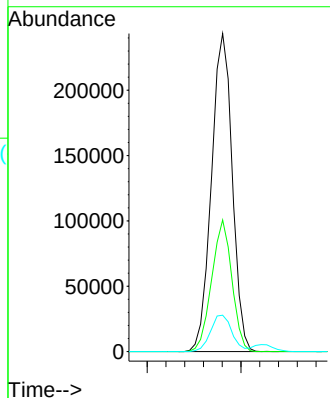
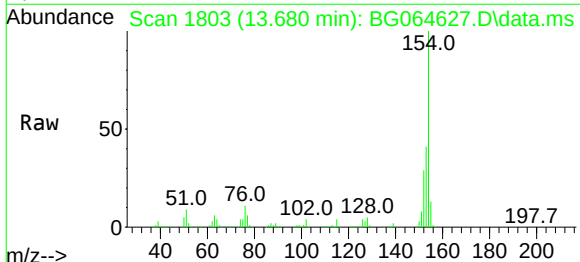
Tgt Ion:154 Resp: 374605

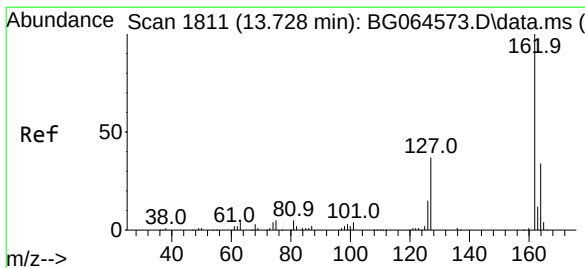
Ion Ratio Lower Upper

154 100

153 41.4 22.4 62.4

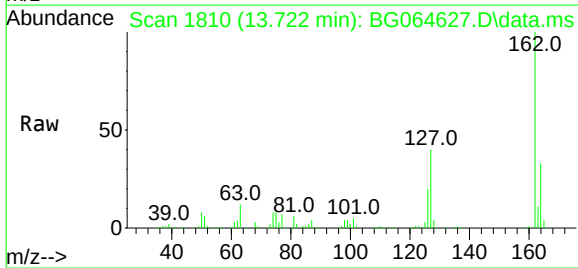
76 11.4 0.0 33.5



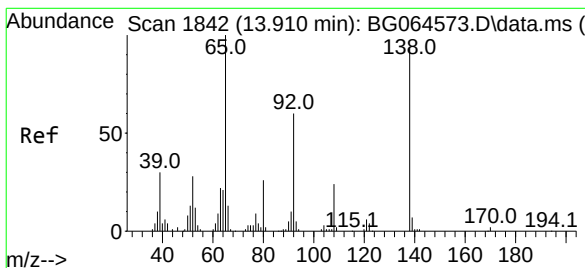
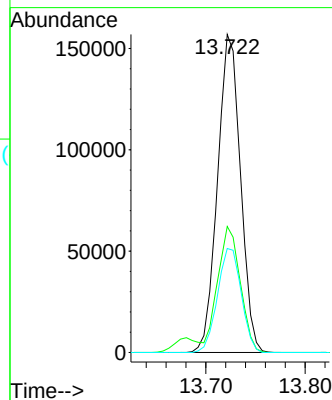
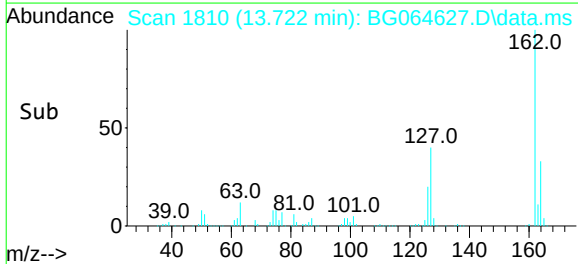


#47
2-Chloronaphthalene
Concen: 50.074 ng
RT: 13.722 min Scan# 1811
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

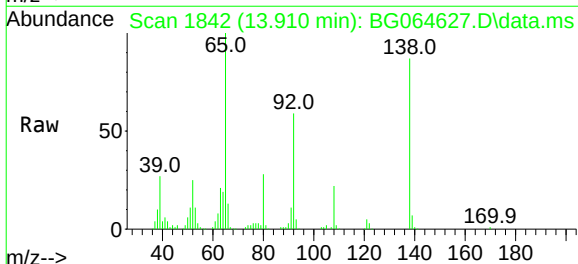
Instrument : BNA_G
ClientSampleId : PR-132-S16-015094-20251021MS



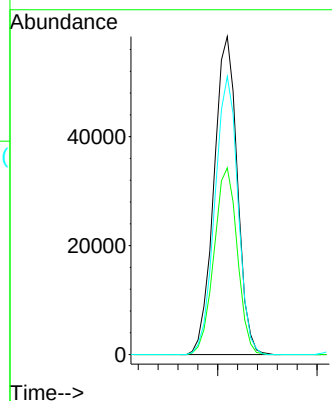
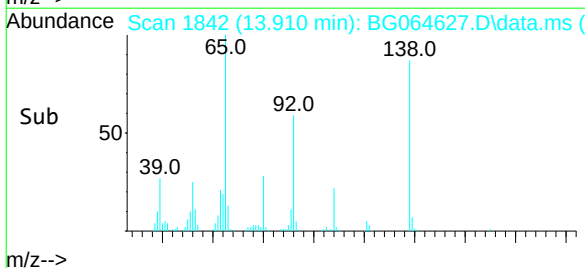
Tgt Ion:162 Resp: 251555
Ion Ratio Lower Upper
162 100
127 39.6 32.2 48.2
164 32.7 27.5 41.3

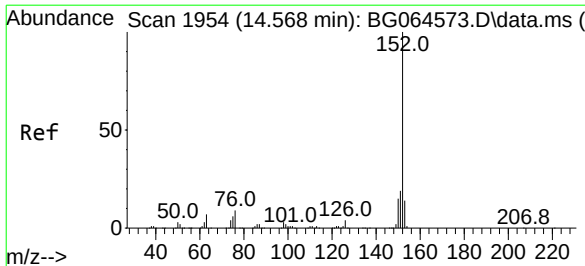


#48
2-Nitroaniline
Concen: 56.055 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34



Tgt Ion: 65 Resp: 95513
Ion Ratio Lower Upper
65 100
92 58.7 48.3 72.5
138 87.5 74.9 112.3





#49

Acenaphthylene

Concen: 57.112 ng

RT: 14.568 min Scan# 1954

Delta R.T. 0.002 min

Lab File: BG064627.D

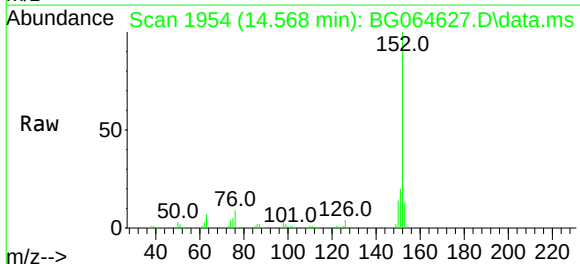
Acq: 29 Oct 2025 17:34

Instrument :

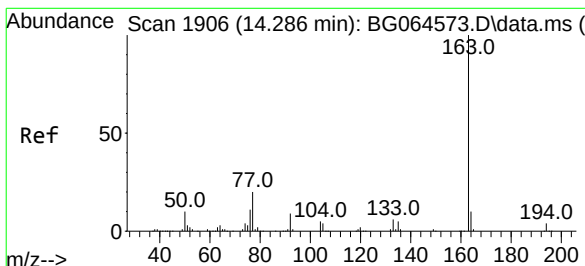
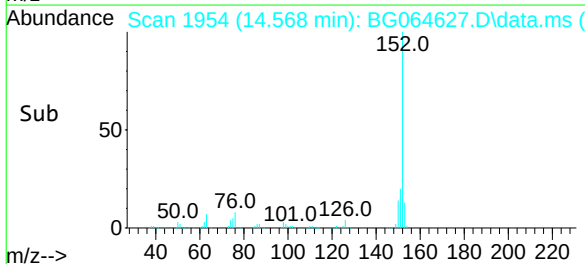
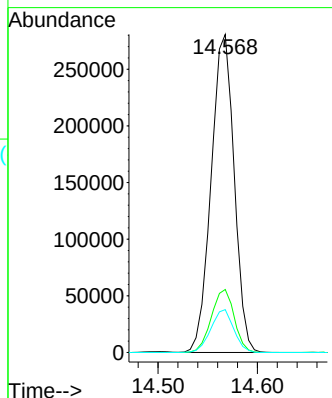
BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion:	152	Resp:	452550
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2
153	13.5	11.0	16.4



#50

Dimethylphthalate

Concen: 50.569 ng

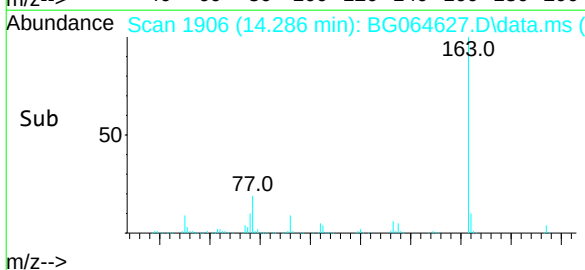
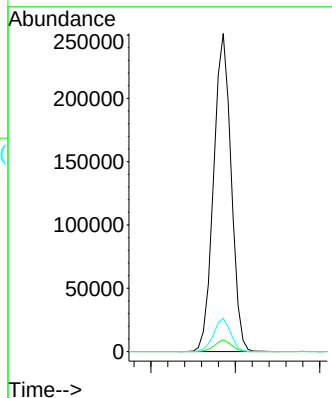
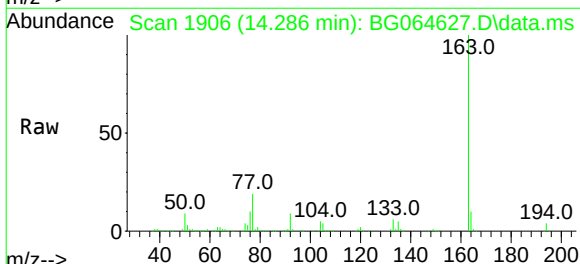
RT: 14.286 min Scan# 1906

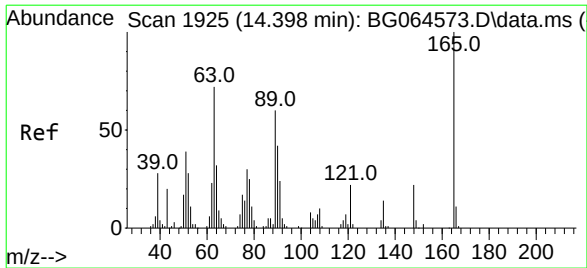
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

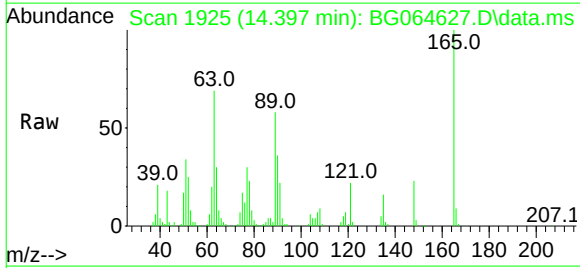
Tgt Ion:	163	Resp:	362240
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.5	7.7	11.5



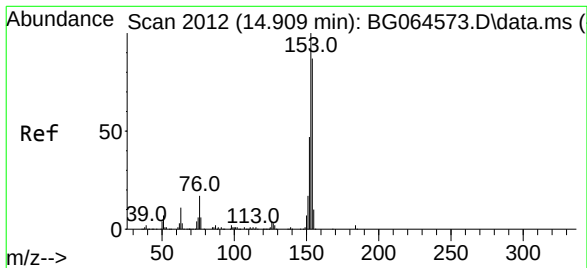
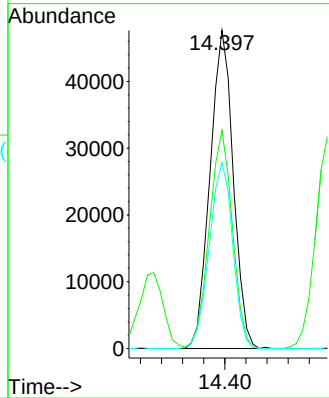
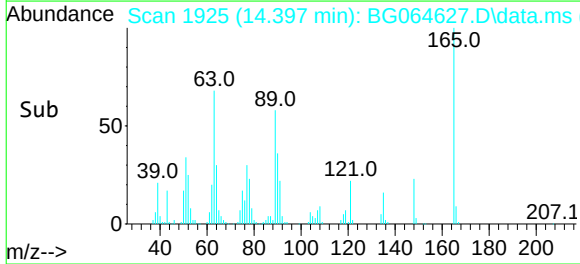


#51
2,6-Dinitrotoluene
Concen: 60.623 ng
RT: 14.397 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

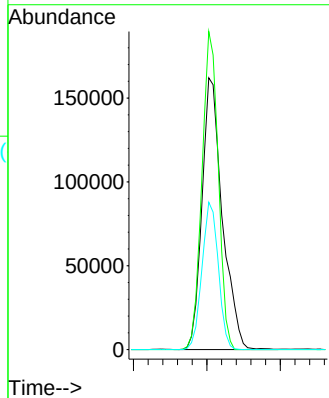
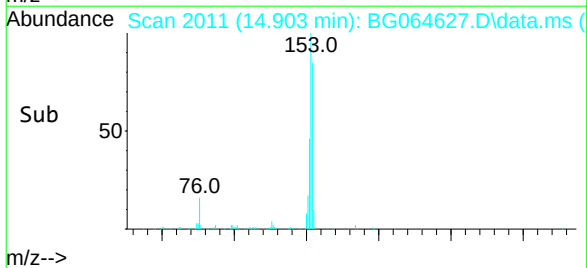
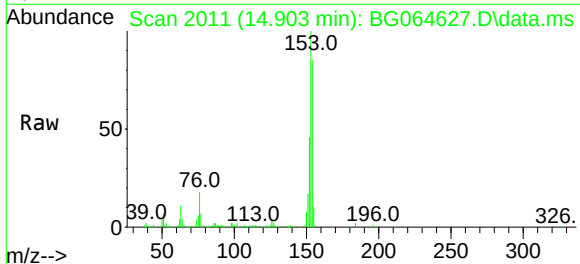


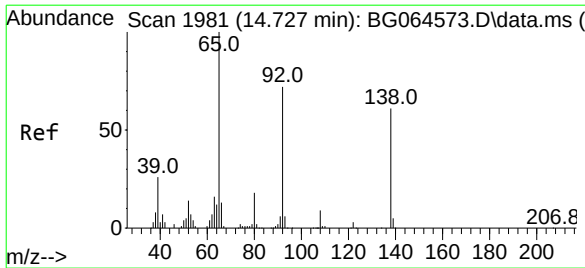
Tgt Ion:165 Resp: 72717
Ion Ratio Lower Upper
165 100
63 68.6 57.4 86.0
89 58.5 47.8 71.8



#52
Acenaphthene
Concen: 57.775 ng
RT: 14.903 min Scan# 2011
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:154 Resp: 312776
Ion Ratio Lower Upper
154 100
153 117.0 92.2 138.4
152 54.2 43.2 64.8





#53

3-Nitroaniline

Concen: 40.637 ng

RT: 14.720 min Scan# 19

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

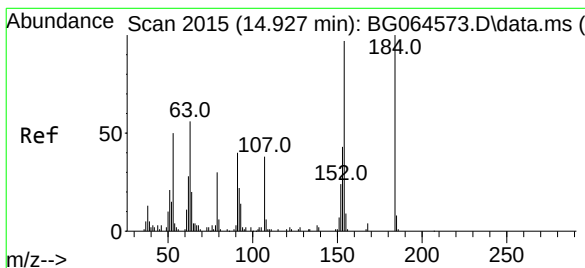
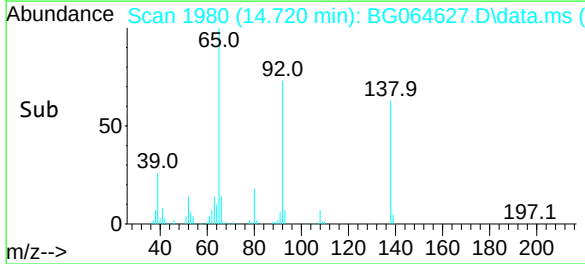
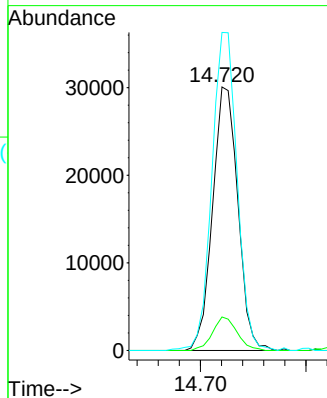
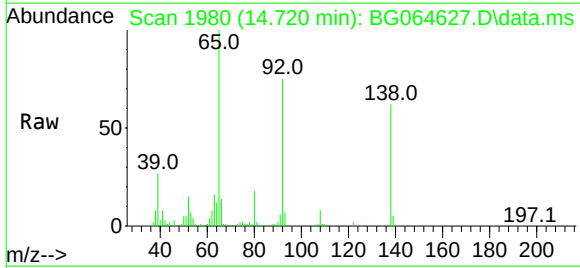
Tgt Ion:138 Resp: 50027

Ion Ratio Lower Upper

138 100

108 12.7 11.4 17.0

92 120.7 95.3 142.9



#54

2,4-Dinitrophenol

Concen: 132.948 ng

RT: 14.926 min Scan# 2015

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

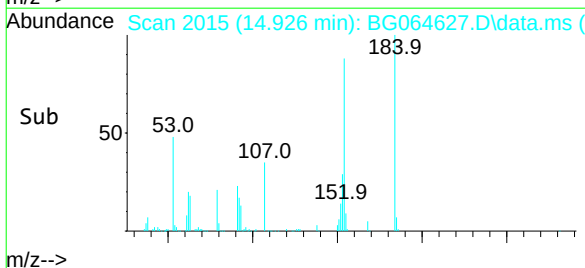
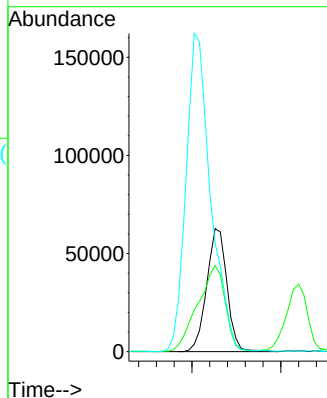
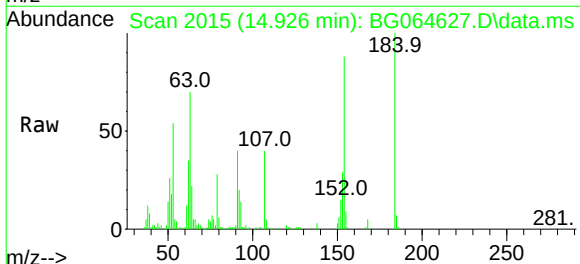
Tgt Ion:184 Resp: 99300

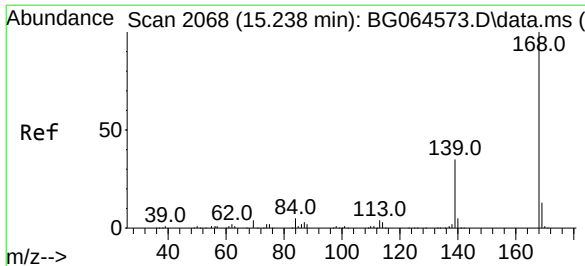
Ion Ratio Lower Upper

184 100

63 69.9 56.6 85.0

154 88.2 158.6 238.0#





#55

Dibenzenofuran

Concen: 50.793 ng

RT: 15.237 min Scan# 2068

Delta R.T. -0.004 min

Lab File: BG064627.D

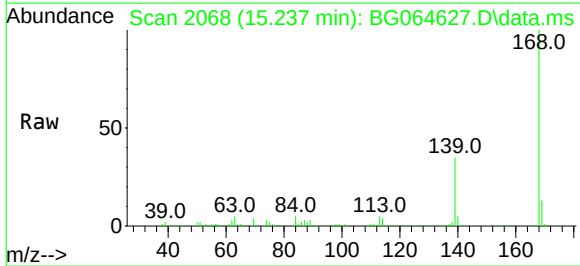
Acq: 29 Oct 2025 17:34

Instrument :

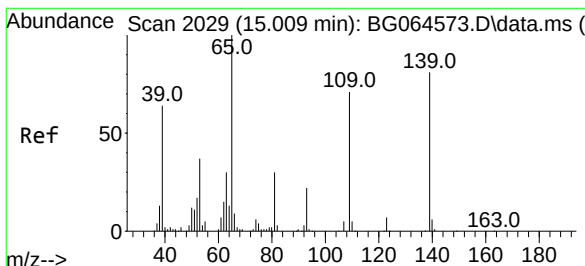
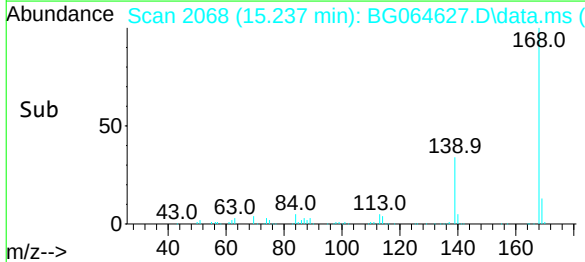
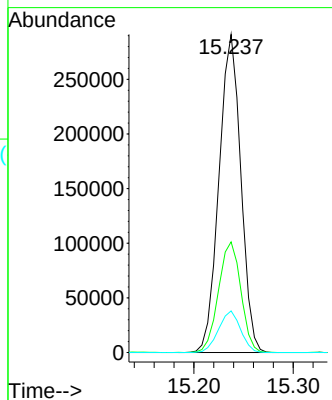
BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion:	168	Resp:	444561
Ion Ratio	Lower	Upper	
168	100		
139	34.8	27.8	41.8
169	13.1	10.3	15.5



#56

4-Nitrophenol

Concen: 121.914 ng

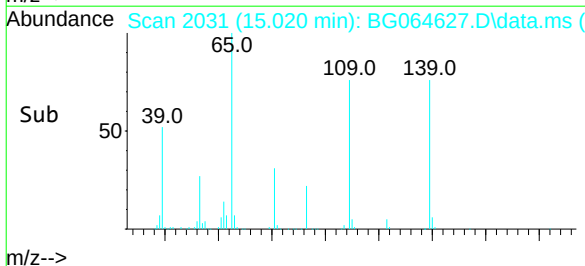
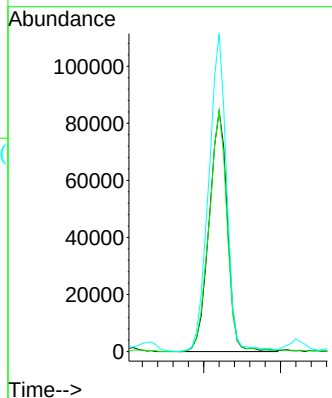
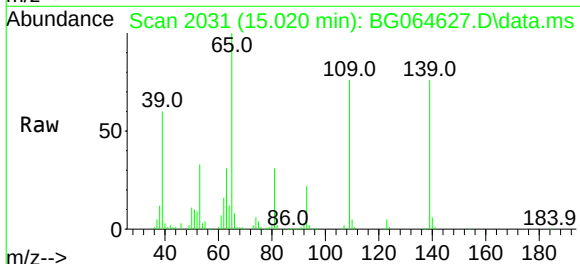
RT: 15.020 min Scan# 2031

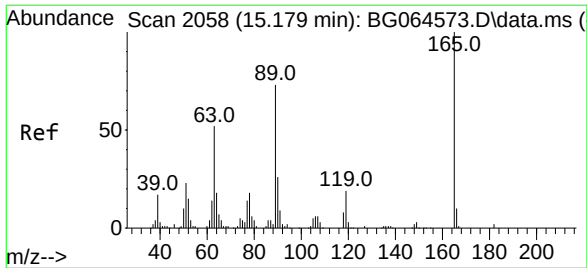
Delta R.T. 0.002 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

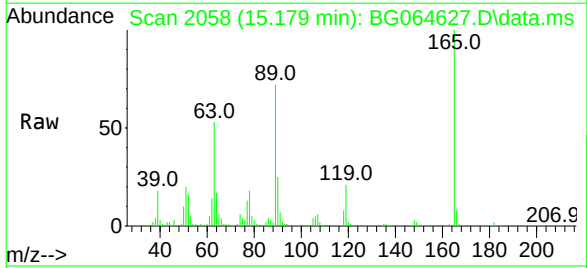
Tgt Ion:	139	Resp:	139148
Ion Ratio	Lower	Upper	
139	100		
109	100.0	67.8	107.8
65	132.3	103.7	143.7



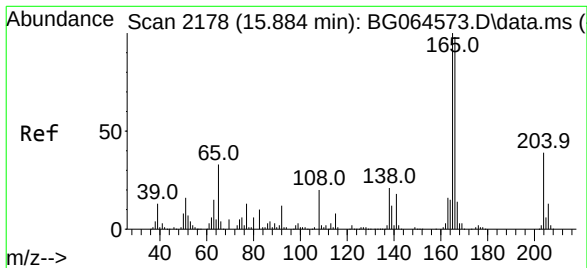
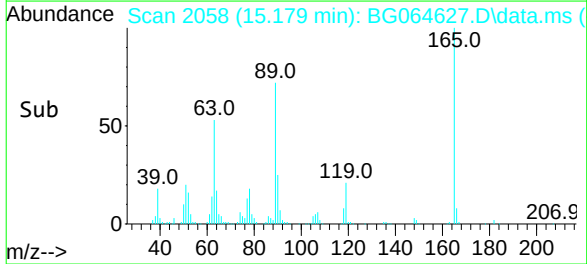
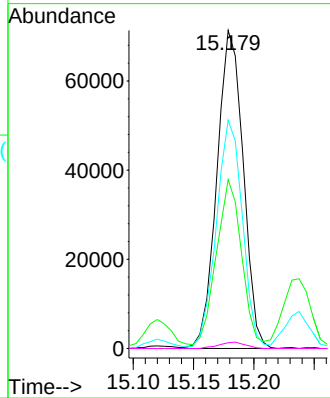


#57
2,4-Dinitrotoluene
Concen: 58.491 ng
RT: 15.179 min Scan# 2058
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

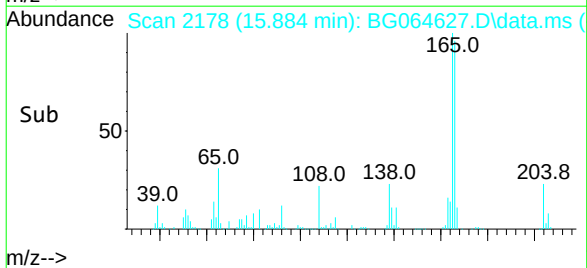
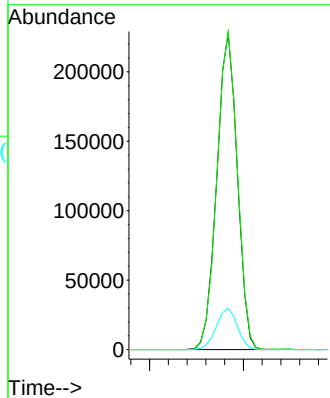
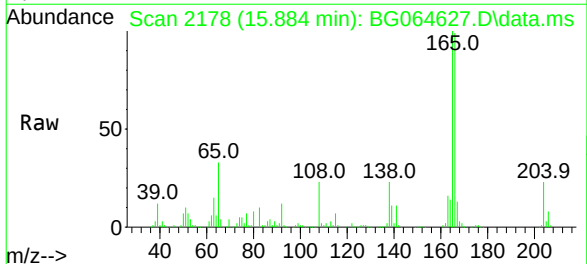


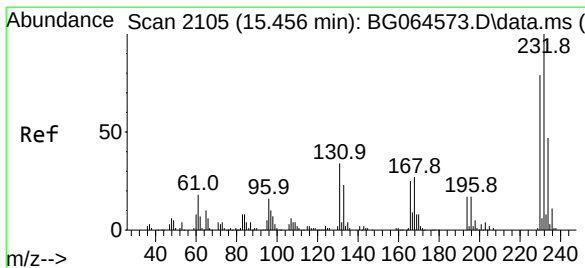
Tgt Ion:	165	Resp:	108193
Ion Ratio	Lower	Upper	
165	100		
63	53.1	41.8	62.8
89	71.8	58.1	87.1
182	1.8	1.4	2.0



#58
Fluorene
Concen: 50.581 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

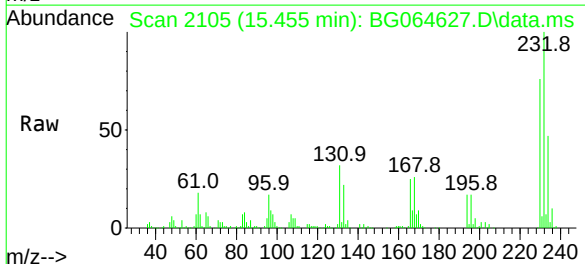
Tgt Ion:	166	Resp:	345737
Ion Ratio	Lower	Upper	
166	100		
165	100.5	81.5	122.3
167	13.0	11.4	17.0



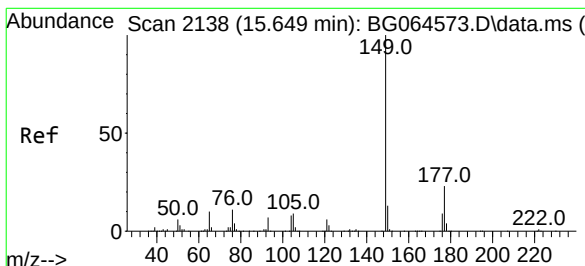
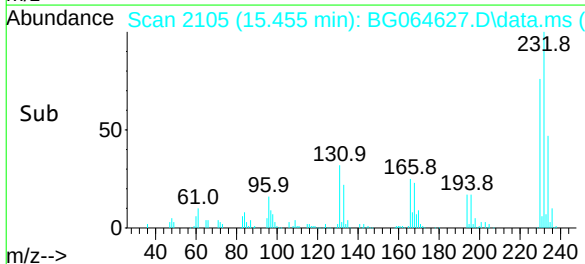
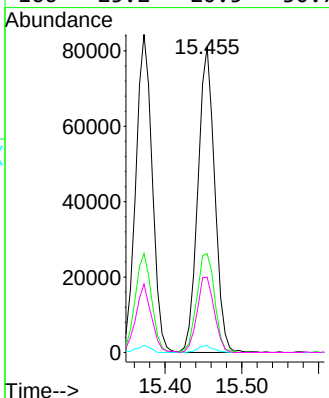


#59
2,3,4,6-Tetrachlorophenol
Concen: 62.001 ng
RT: 15.455 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

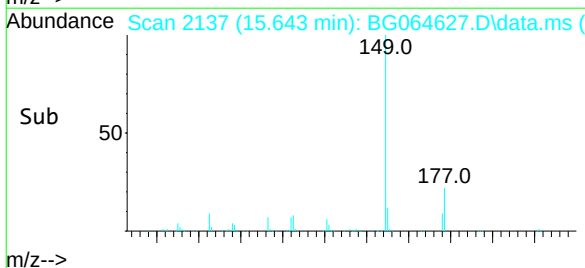
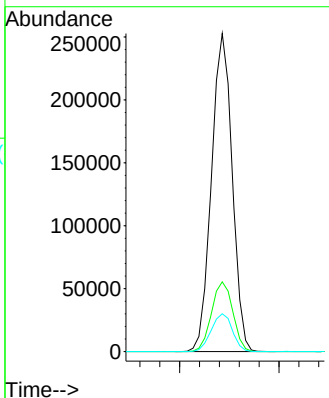
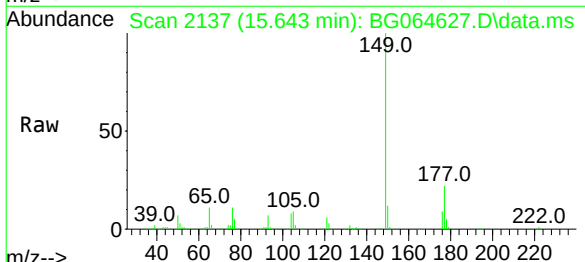


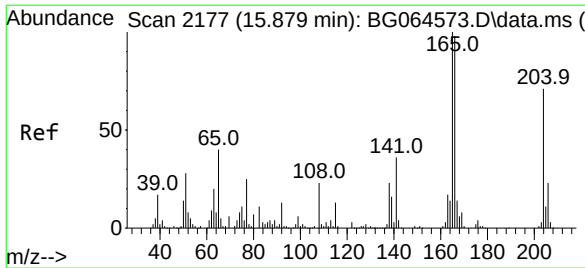
Tgt Ion:232 Resp: 122956
Ion Ratio Lower Upper
232 100
131 34.4 26.7 40.1
130 2.1 1.6 2.4
166 25.2 20.5 30.7



#60
Diethylphthalate
Concen: 50.036 ng
RT: 15.643 min Scan# 2137
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

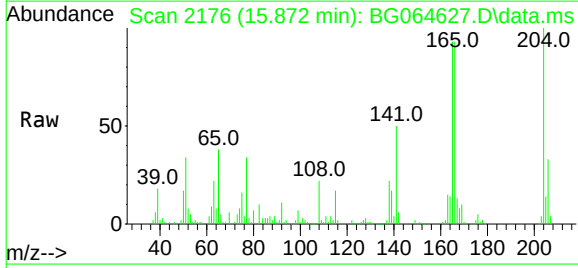
Tgt Ion:149 Resp: 365971
Ion Ratio Lower Upper
149 100
177 21.9 18.0 27.0
150 11.9 10.2 15.4



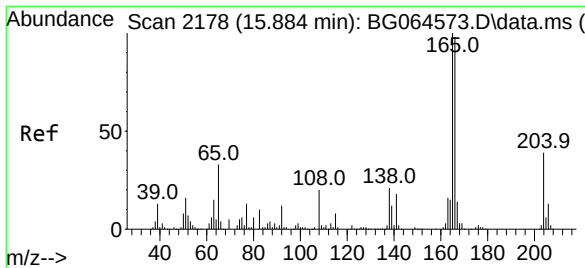
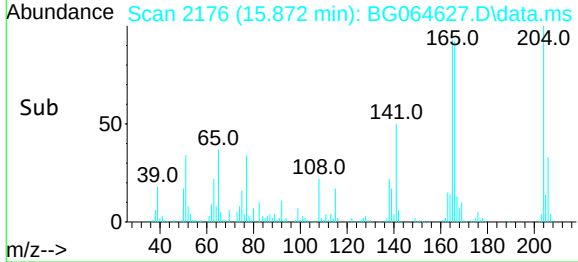
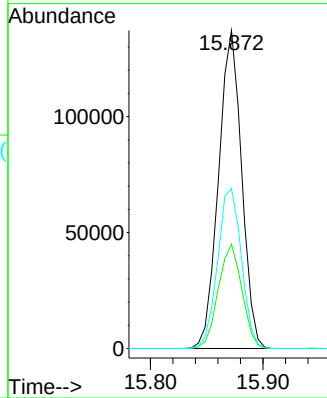


#61
4-Chlorophenyl-phenylether
Concen: 50.956 ng
RT: 15.872 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

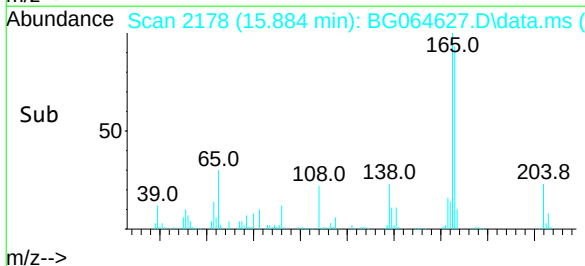
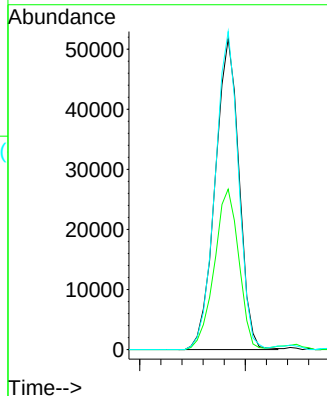
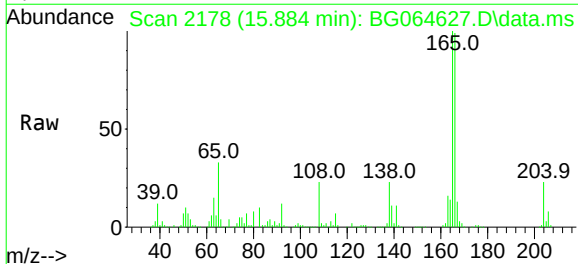


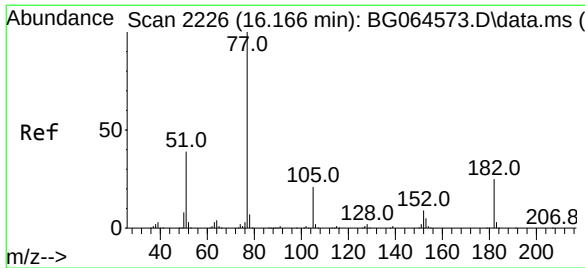
Tgt Ion:204 Resp: 195464
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 50.2 40.6 60.8



#62
4-Nitroaniline
Concen: 59.481 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:138 Resp: 81463
Ion Ratio Lower Upper
138 100
92 51.6 36.1 76.1
108 102.3 75.6 115.6





#63

Azobenzene

Concen: 53.492 ng

RT: 16.160 min Scan# 22

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion: 77 Resp: 358981

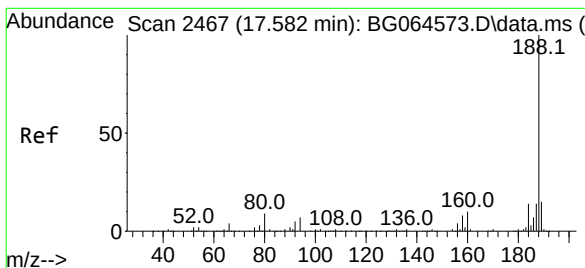
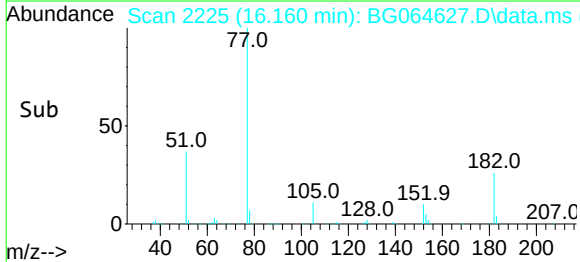
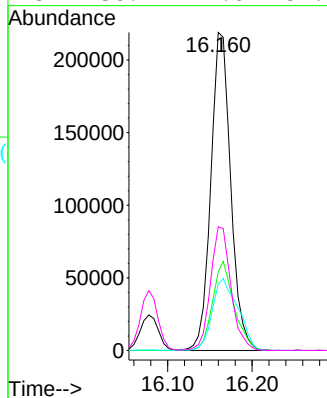
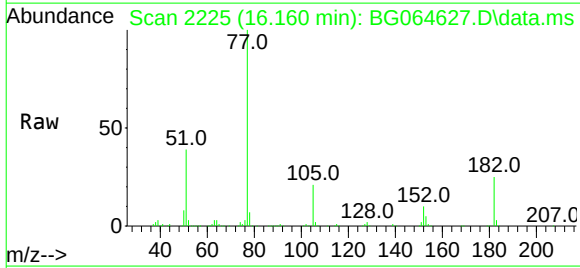
Ion Ratio Lower Upper

77 100

182 24.7 4.9 44.9

105 20.7 1.3 41.3

51 38.9 19.0 59.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.576 min Scan# 2466

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

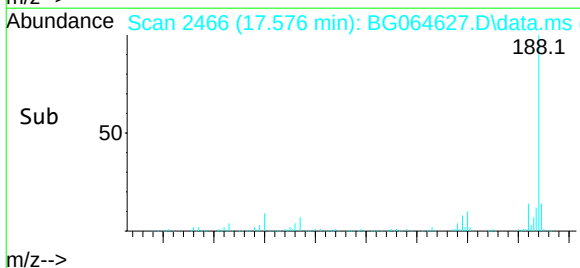
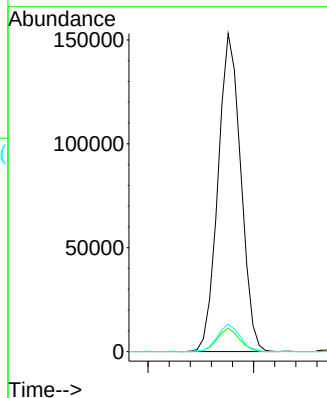
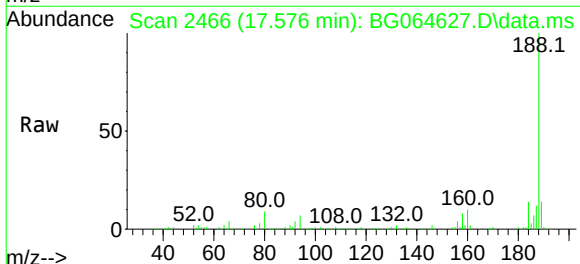
Tgt Ion:188 Resp: 229619

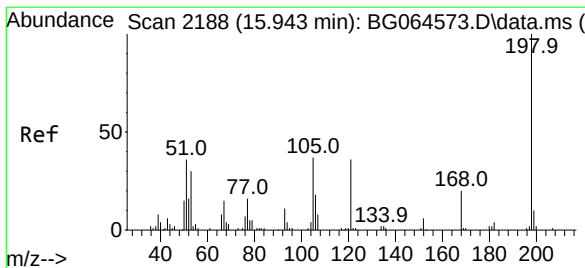
Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

80 8.6 6.8 10.2

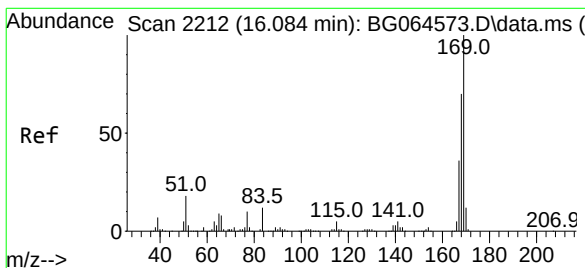
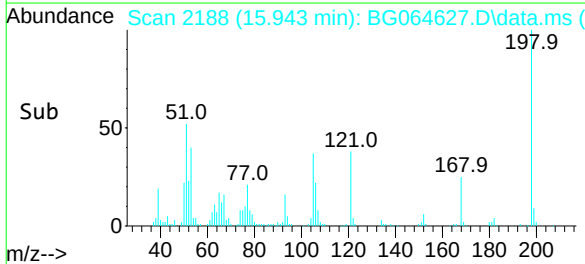
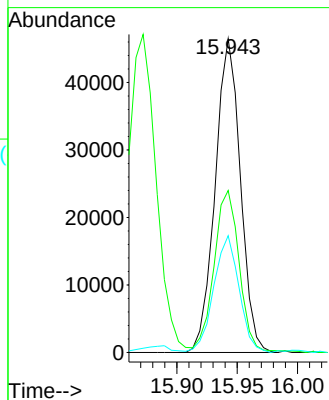
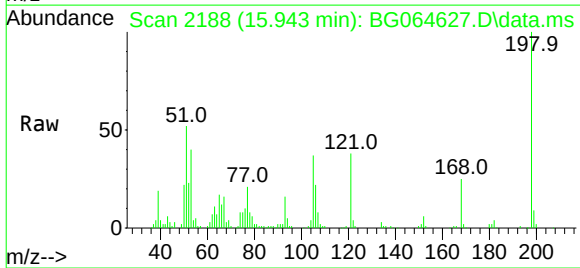




#65
4,6-Dinitro-2-methylphenol
Concen: 64.726 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

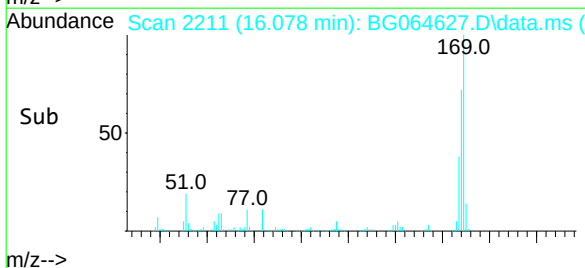
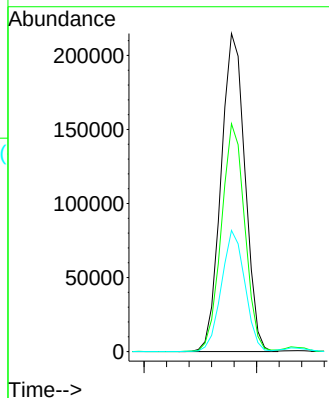
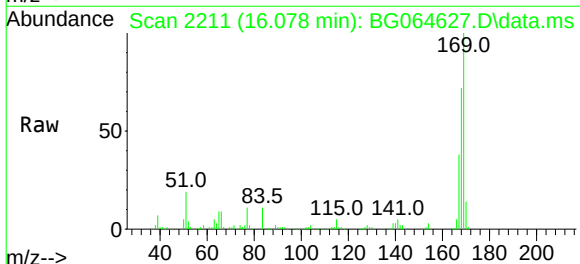
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

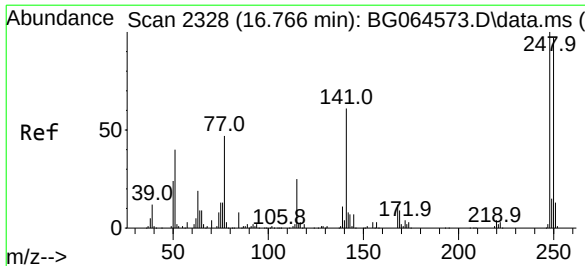
Tgt Ion:198 Resp: 67553
Ion Ratio Lower Upper
198 100
51 51.6 24.7 64.7
105 37.2 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 51.265 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:169 Resp: 317977
Ion Ratio Lower Upper
169 100
168 71.6 56.3 84.5
167 38.1 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 52.025 ng

RT: 16.765 min Scan# 2328

Delta R.T. -0.004 min

Lab File: BG064627.D

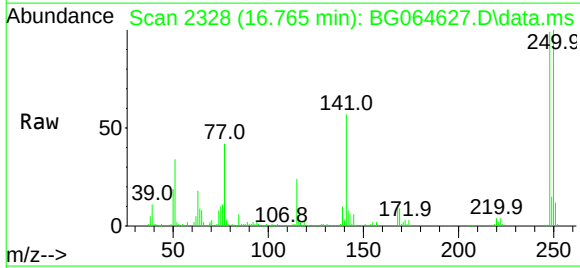
Acq: 29 Oct 2025 17:34

Instrument :

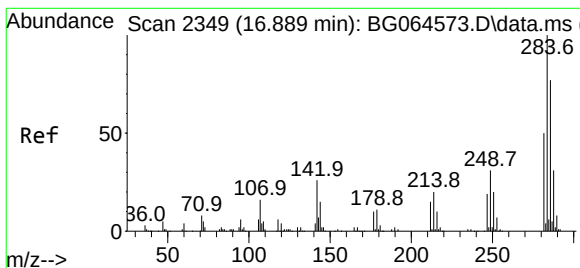
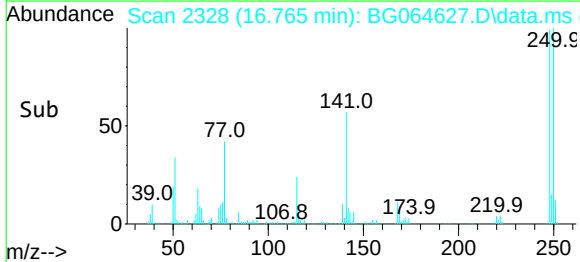
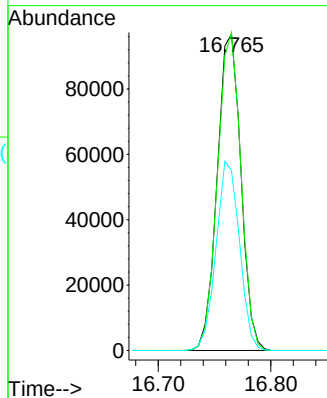
BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion:	248	Resp:	141564
Ion Ratio	Lower	Upper	
248	100		
250	100.5	77.7	116.5
141	56.9	48.6	72.8



#68

Hexachlorobenzene

Concen: 51.826 ng

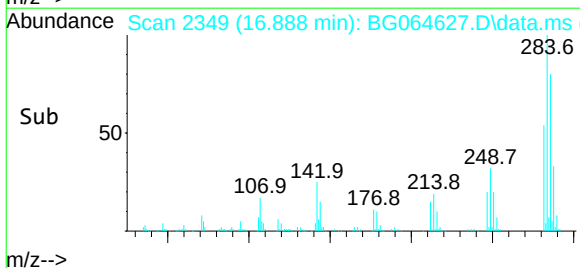
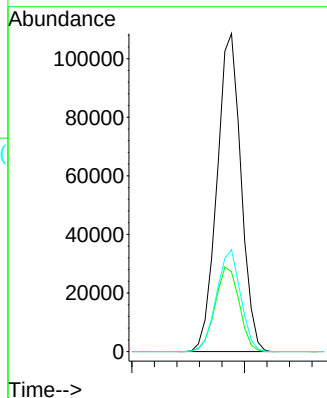
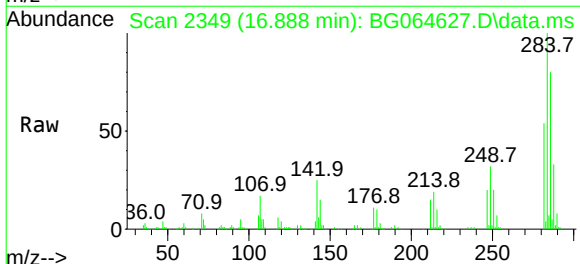
RT: 16.888 min Scan# 2349

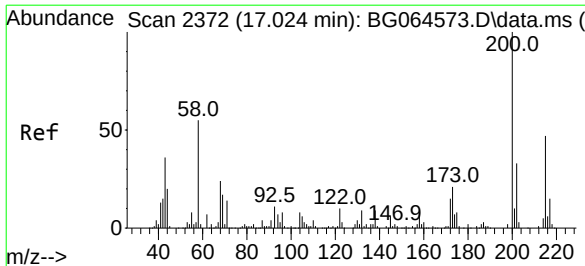
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:	284	Resp:	160884
Ion Ratio	Lower	Upper	
284	100		
142	25.1	21.0	31.6
249	34.2	24.9	37.3





#69

Atrazine

Concen: 55.064 ng

RT: 17.018 min Scan# 2372

Delta R.T. -0.010 min

Lab File: BG064627.D

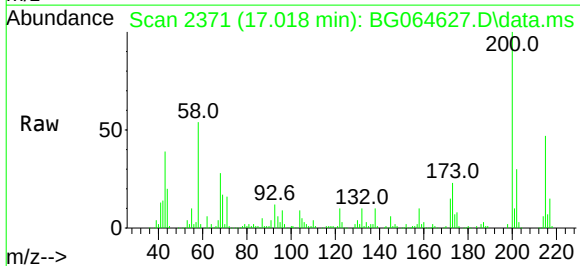
Acq: 29 Oct 2025 17:34

Instrument :

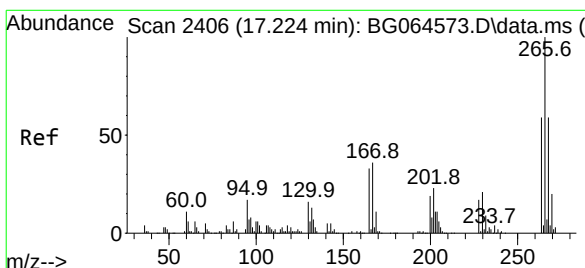
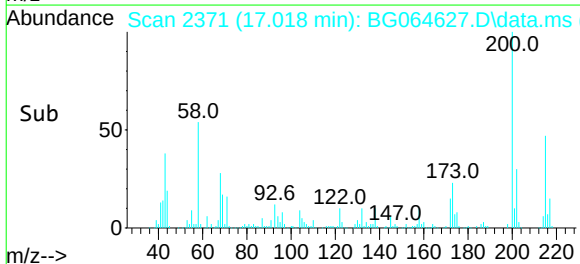
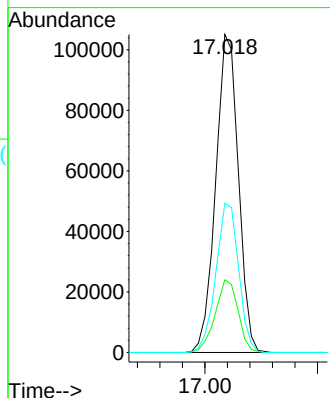
BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion:	200	Resp:	146978
Ion Ratio	Lower	Upper	
200	100		
173	22.8	0.9	40.9
215	46.9	27.0	67.0



#70

Pentachlorophenol

Concen: 113.709 ng

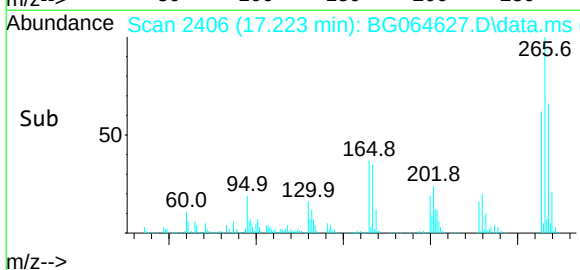
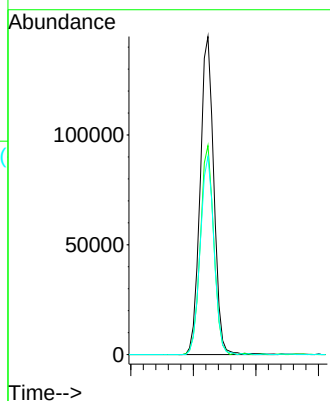
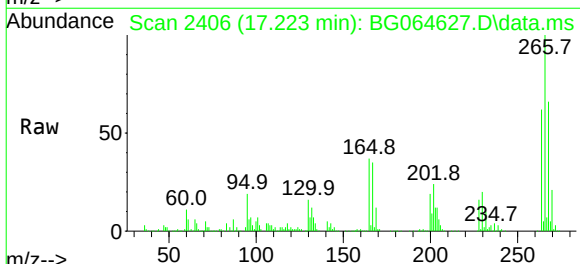
RT: 17.223 min Scan# 2406

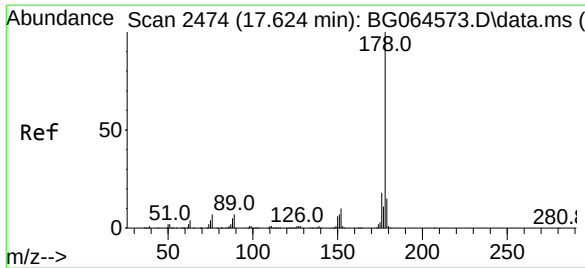
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:	266	Resp:	220117
Ion Ratio	Lower	Upper	
266	100		
268	65.7	50.3	75.5
264	62.3	47.3	70.9

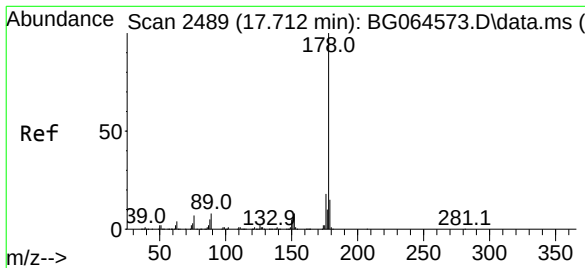
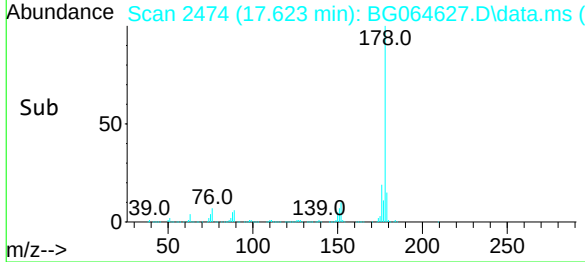
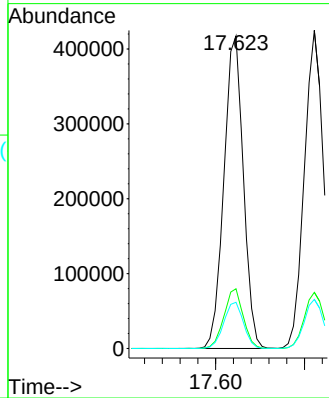
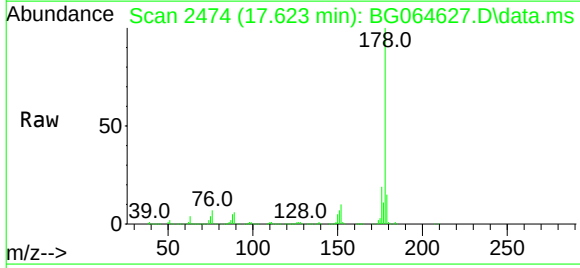




#71
Phenanthrene
Concen: 50.519 ng
RT: 17.623 min Scan# 2474
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

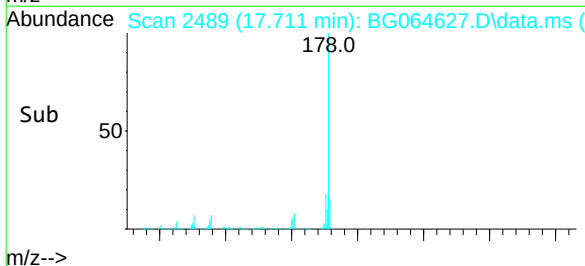
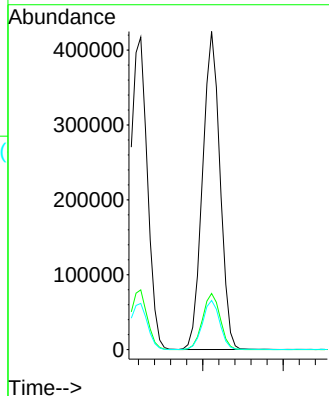
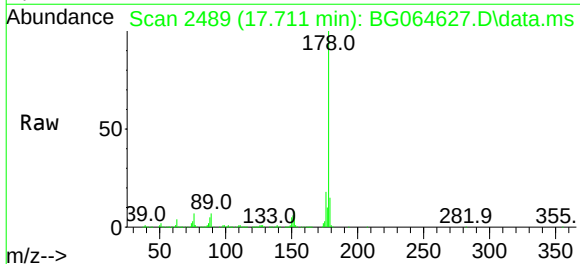
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

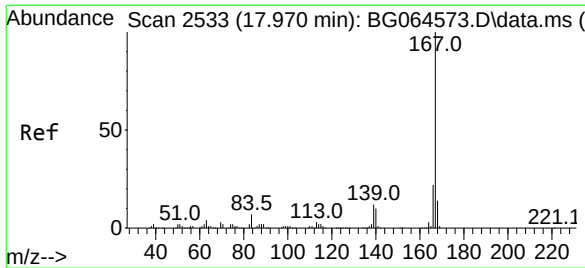
Tgt Ion:178 Resp: 634368
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 14.8 12.2 18.4



#72
Anthracene
Concen: 50.069 ng
RT: 17.711 min Scan# 2489
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:178 Resp: 639545
Ion Ratio Lower Upper
178 100
176 17.6 14.4 21.6
179 15.4 12.4 18.6





#73

Carbazole

Concen: 51.232 ng

RT: 17.970 min Scan# 2533

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

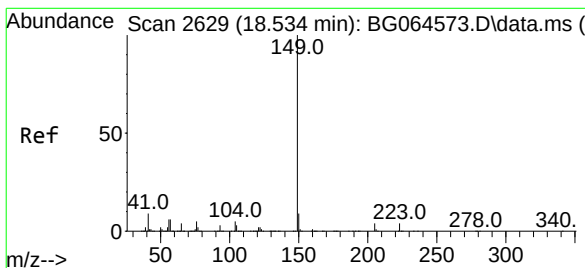
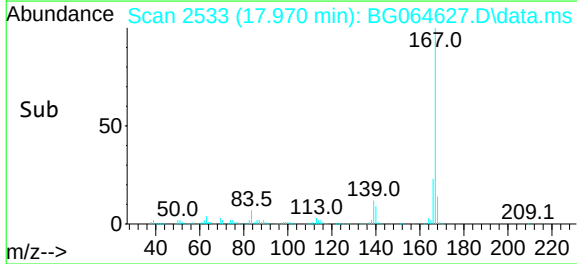
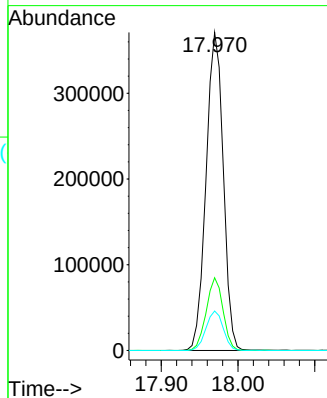
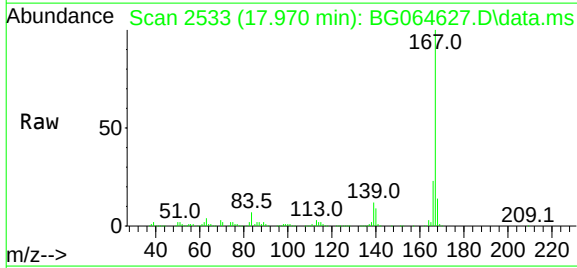
Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion:	167	Resp:	577061
Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.9	26.9
139	12.4	9.7	14.5



#74

Di-n-butylphthalate

Concen: 51.496 ng

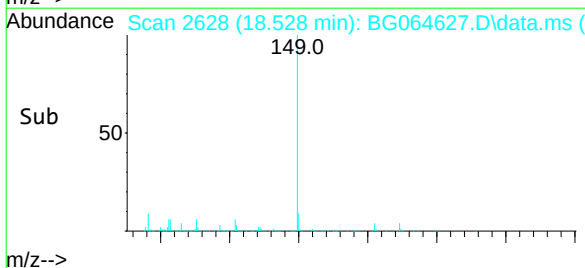
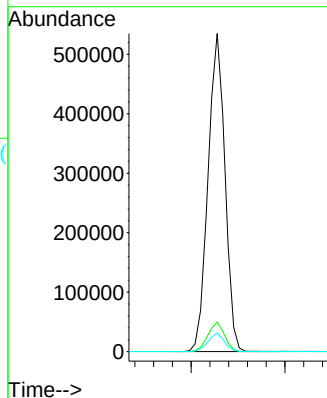
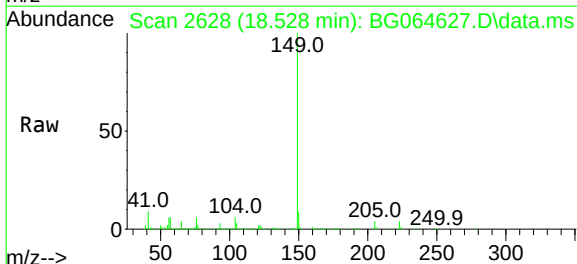
RT: 18.528 min Scan# 2628

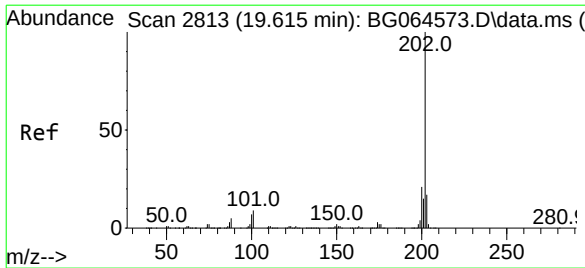
Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

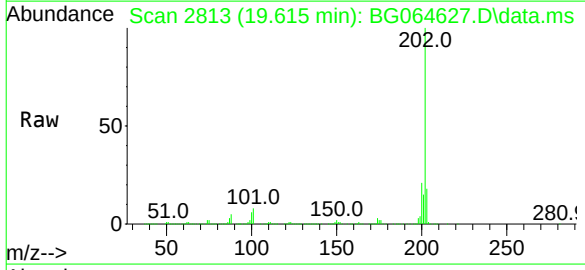
Tgt Ion:	149	Resp:	670737
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.0	10.6
104	5.9	4.1	6.1



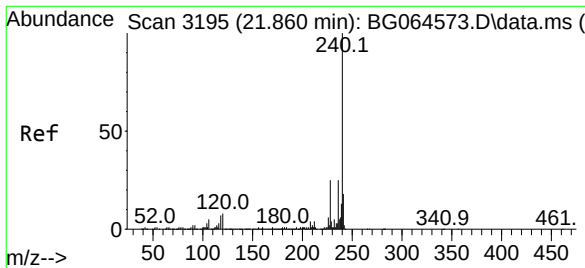
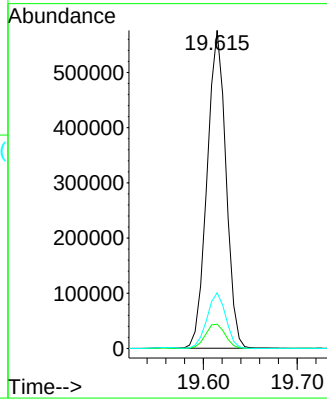
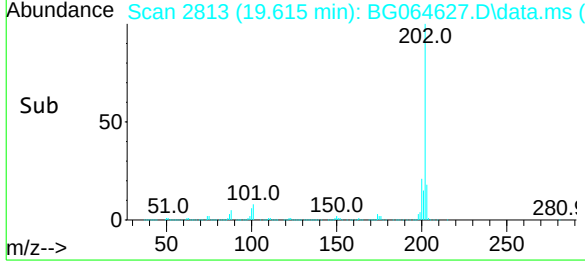


#75
Fluoranthene
Concen: 51.033 ng
RT: 19.615 min Scan# 2813
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument : BNA_G
ClientSampleId : PR-132-S16-015094-20251021MS

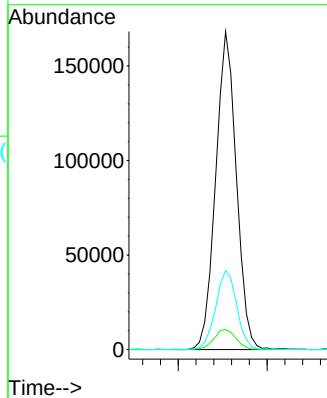
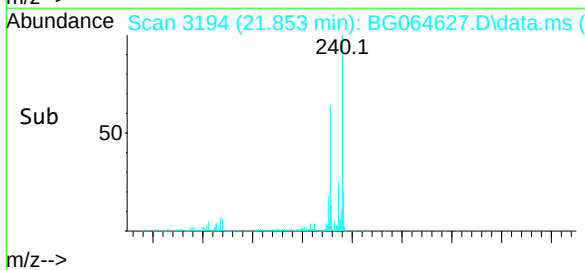
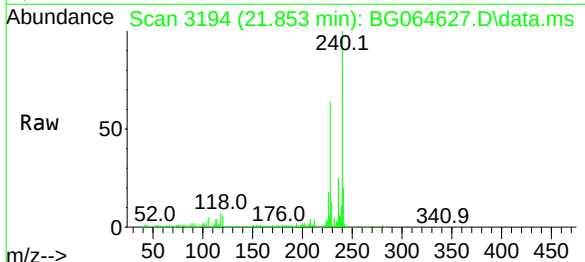


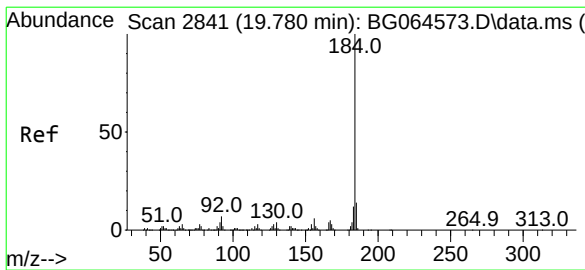
Tgt Ion:202 Resp: 802773
Ion Ratio Lower Upper
202 100
101 7.7 0.0 28.7
203 17.5 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.853 min Scan# 3194
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:240 Resp: 271892
Ion Ratio Lower Upper
240 100
120 6.3 6.5 9.7#
236 24.8 20.2 30.2





#77

Benzidine

Concen: 41.873 ng

RT: 19.779 min Scan# 2841

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

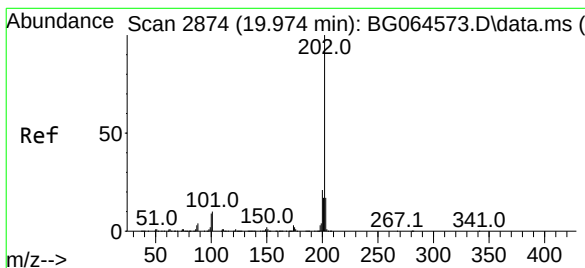
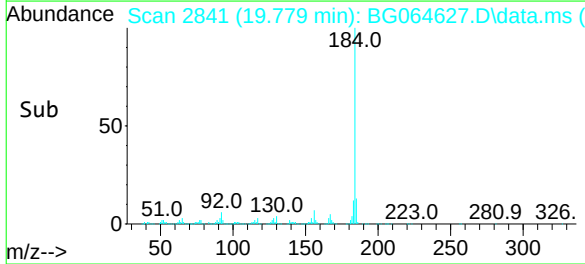
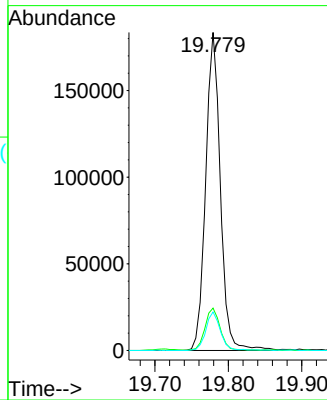
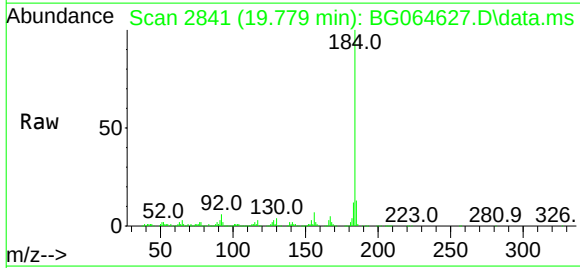
Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion:	184	Resp:	255069
Ion	Ratio	Lower	Upper
184	100		
185	13.3	11.4	17.2
183	12.1	9.4	14.2



#78

Pyrene

Concen: 47.400 ng

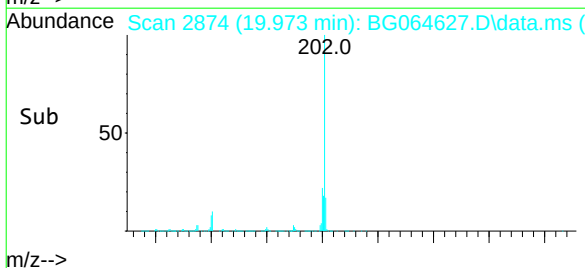
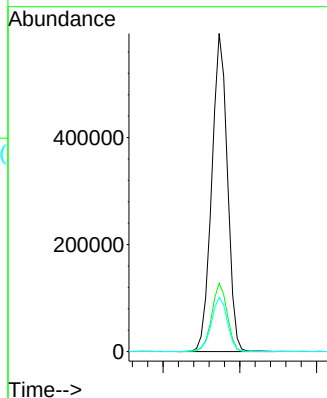
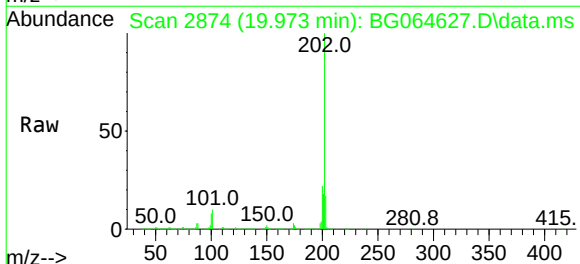
RT: 19.973 min Scan# 2874

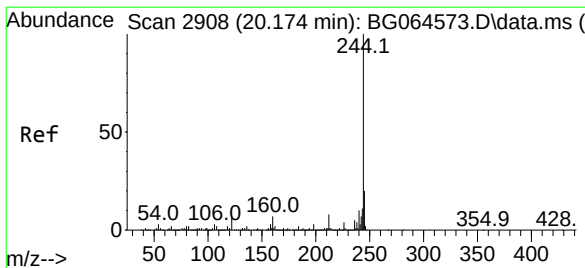
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:	202	Resp:	842015
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.1	13.8	20.6





#79

Terphenyl-d14

Concen: 60.445 ng

RT: 20.167 min Scan# 29

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

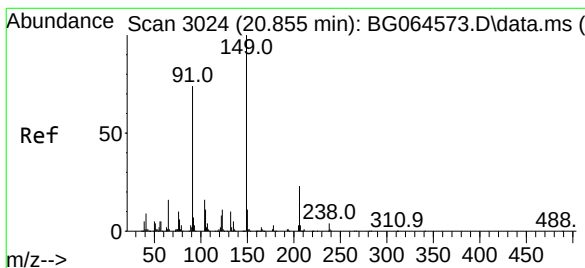
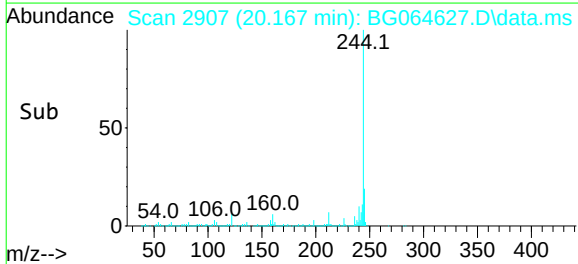
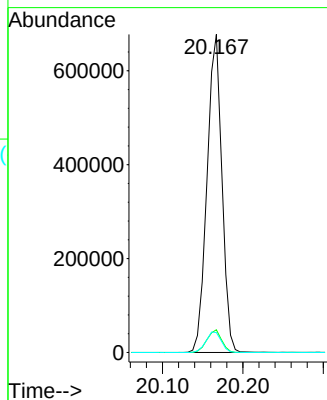
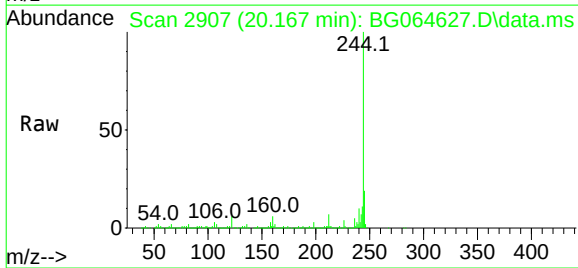
Tgt Ion:244 Resp: 870859

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.3 5.6 8.4



#80

Butylbenzylphthalate

Concen: 57.734 ng

RT: 20.849 min Scan# 3023

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

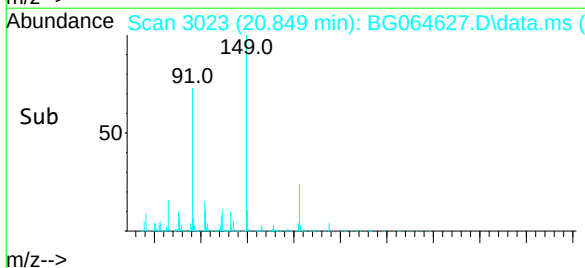
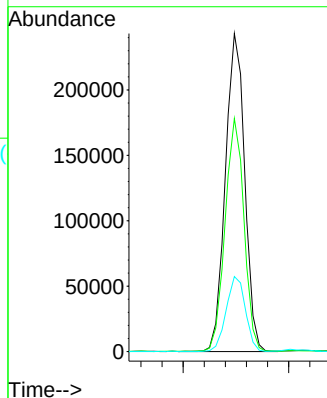
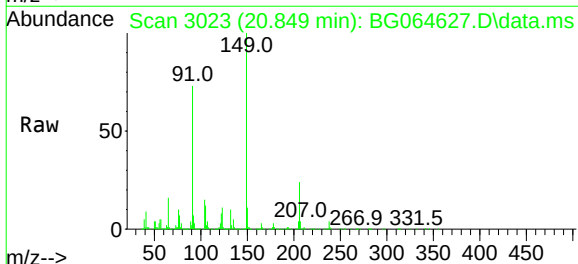
Tgt Ion:149 Resp: 309969

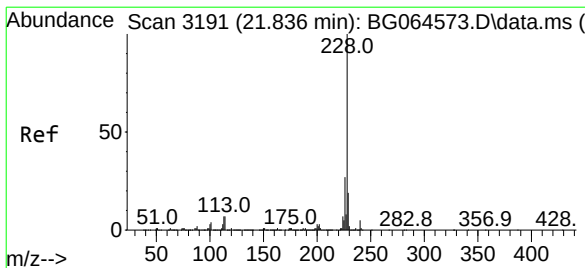
Ion Ratio Lower Upper

149 100

91 73.3 59.2 88.8

206 23.6 18.1 27.1





#81

Benzo(a)anthracene

Concen: 50.774 ng

RT: 21.836 min Scan# 3191

Delta R.T. -0.004 min

Lab File: BG064627.D

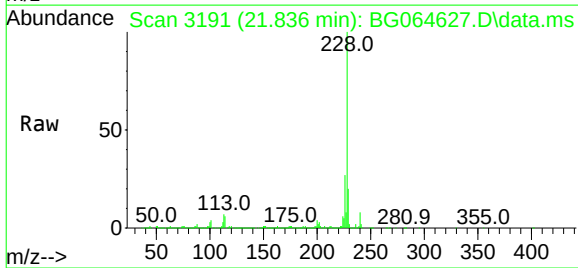
Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

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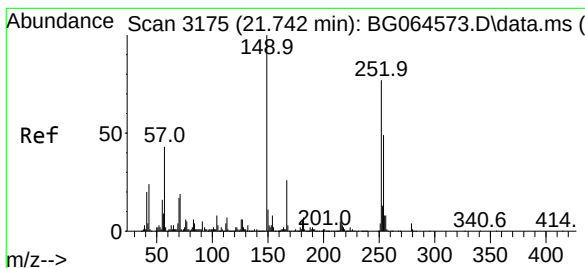
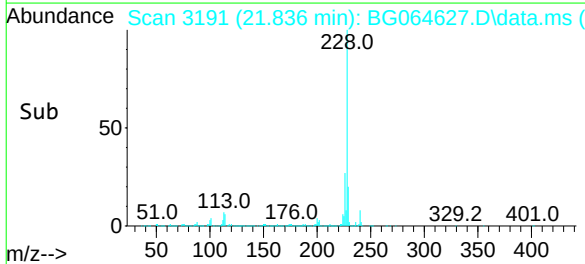
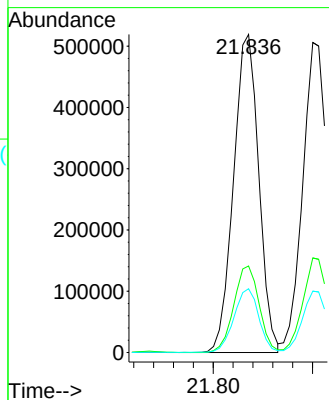
Tgt Ion:228 Resp: 915343

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

229 20.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 27.720 ng

RT: 21.736 min Scan# 3174

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

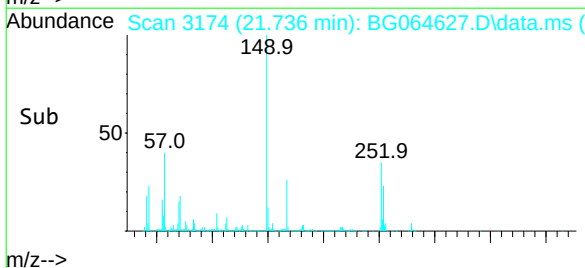
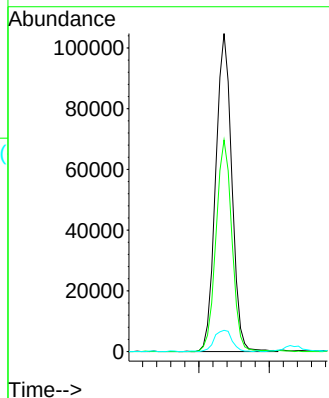
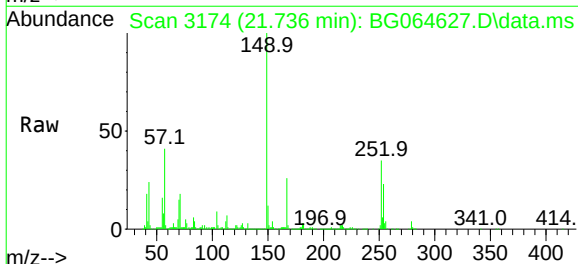
Tgt Ion:252 Resp: 166879

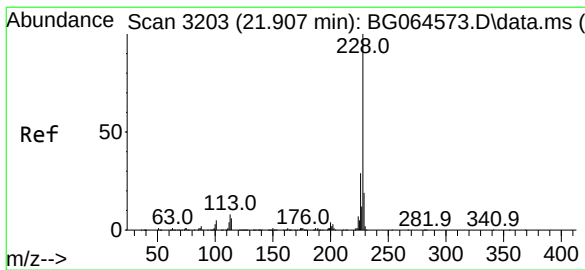
Ion Ratio Lower Upper

252 100

254 66.5 50.8 76.2

126 6.7 5.8 8.6





#83

Chrysene

Concen: 50.608 ng

RT: 21.900 min Scan# 32

Delta R.T. -0.010 min

Lab File: BG064627.D

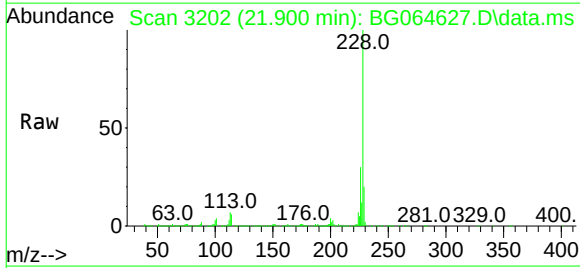
Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

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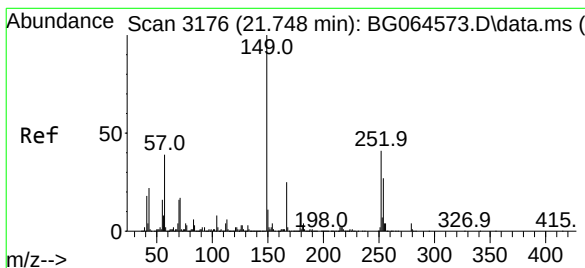
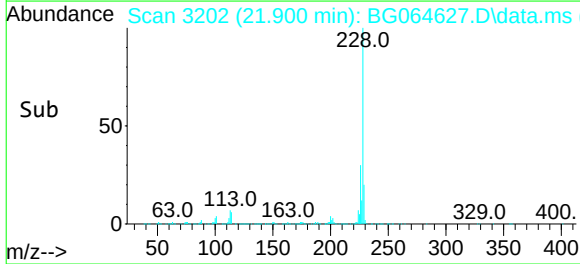
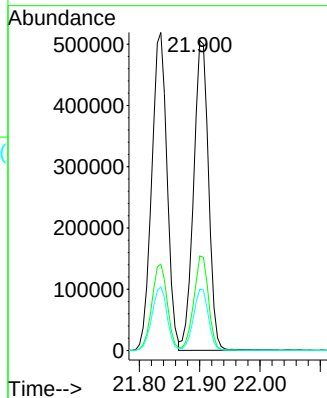
Tgt Ion:228 Resp: 868130

Ion Ratio Lower Upper

228 100

226 30.5 23.3 34.9

229 19.8 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.183 ng

RT: 21.742 min Scan# 3175

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

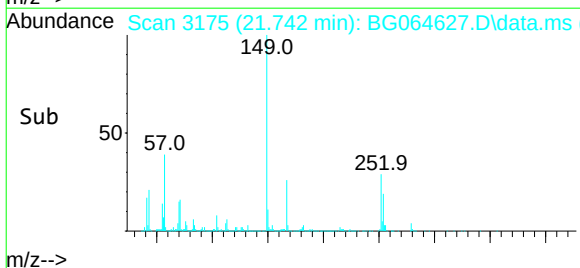
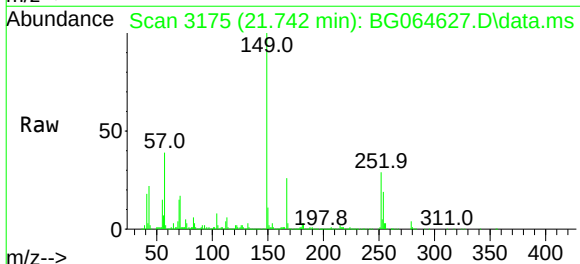
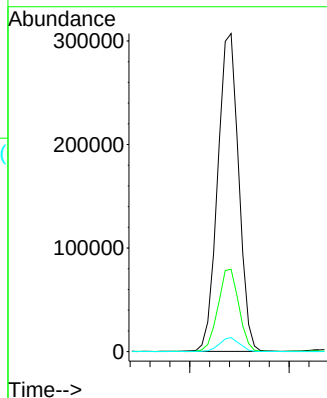
Tgt Ion:149 Resp: 450725

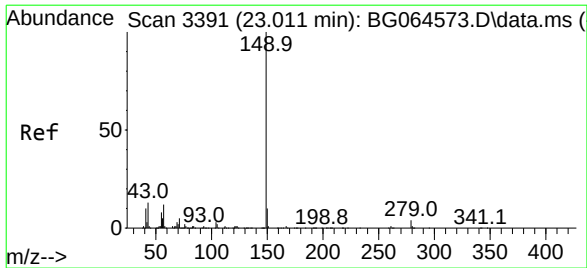
Ion Ratio Lower Upper

149 100

167 25.9 20.0 30.0

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 57.277 ng

RT: 22.999 min Scan# 33

Delta R.T. -0.016 min

Lab File: BG064627.D

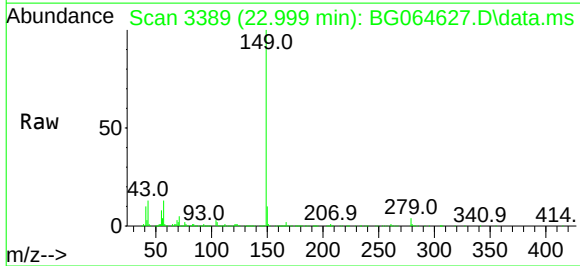
Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

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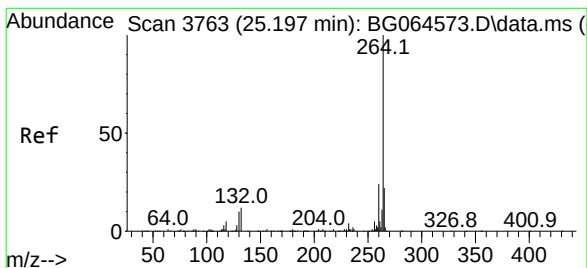
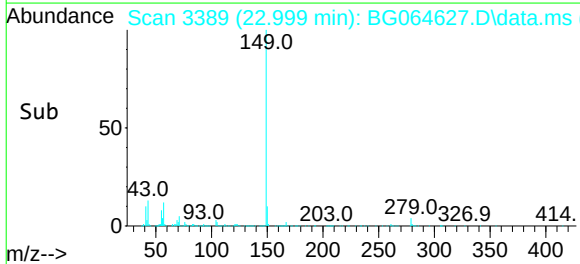
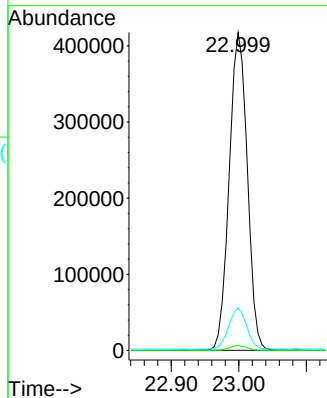
Tgt Ion:149 Resp: 774721

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.8 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.191 min Scan# 3762

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

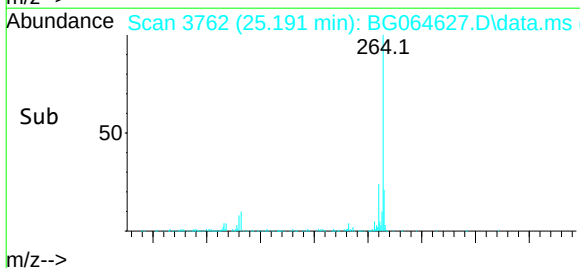
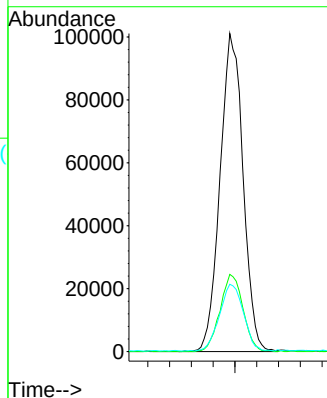
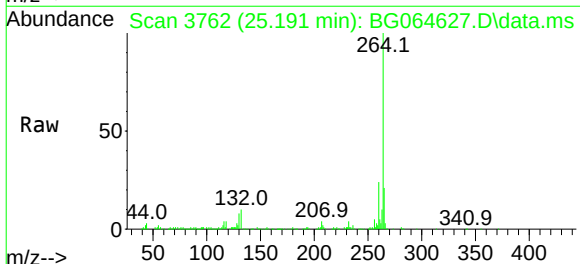
Tgt Ion:264 Resp: 296767

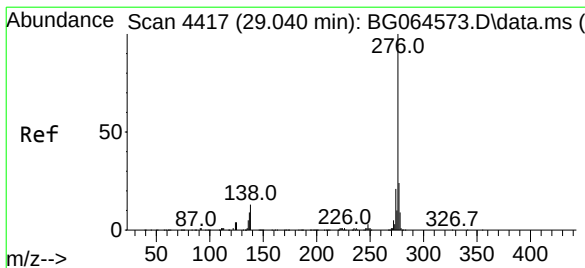
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 21.2 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.200 ng

RT: 29.033 min Scan# 4417

Delta R.T. -0.028 min

Lab File: BG064627.D

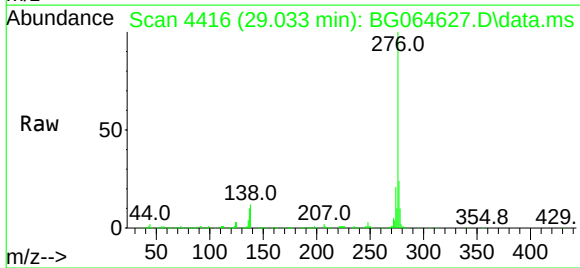
Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

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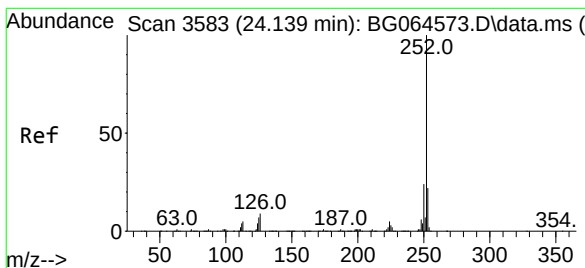
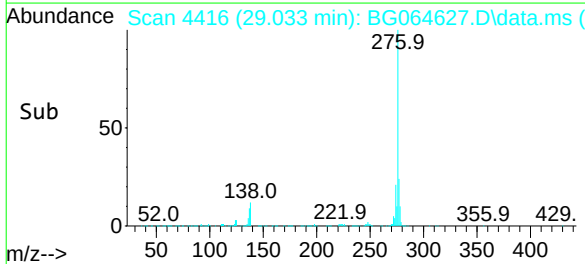
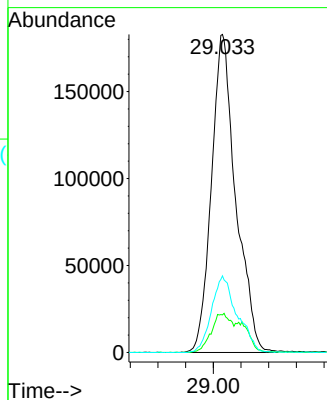
Tgt Ion:276 Resp: 1117747

Ion Ratio Lower Upper

276 100

138 10.1 10.8 16.2#

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.237 ng

RT: 24.133 min Scan# 3582

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

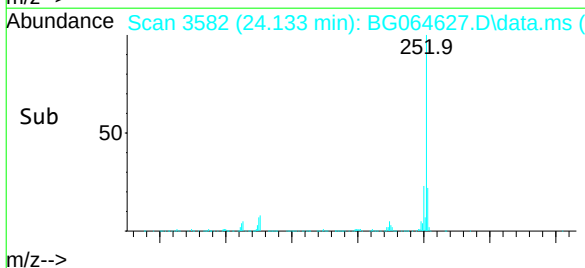
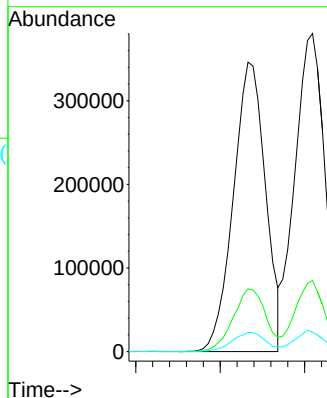
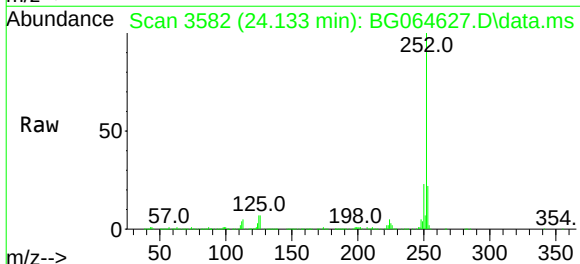
Tgt Ion:252 Resp: 914206

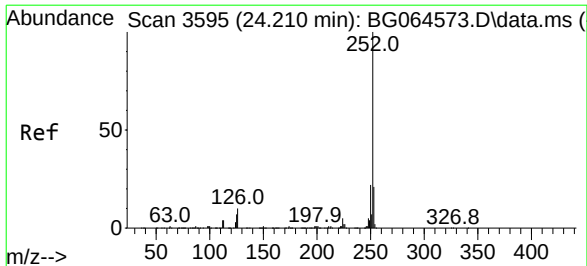
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 6.6 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 51.482 ng

RT: 24.209 min Scan# 3595

Delta R.T. -0.010 min

Lab File: BG064627.D

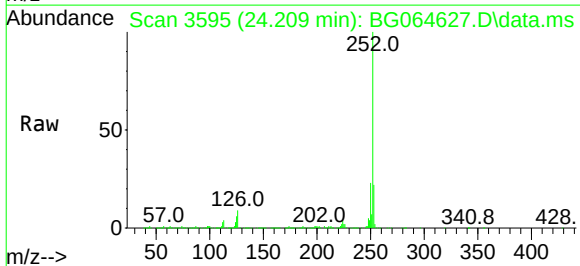
Acq: 29 Oct 2025 17:34

Instrument :

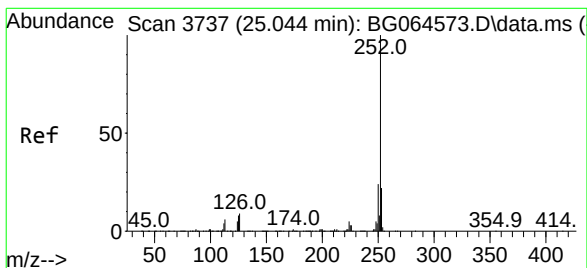
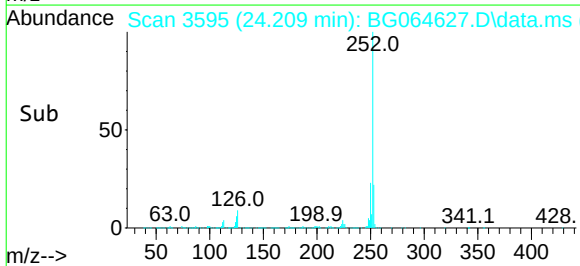
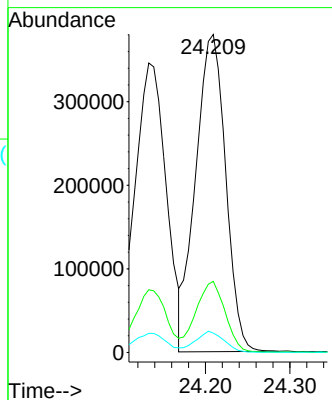
BNA_G

ClientSampleId :

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Tgt Ion:	252	Resp:	937496
Ion Ratio	Lower	Upper	
252	100		
253	22.4	16.8	25.2
125	6.1	5.4	8.0



#90

Benzo(a)pyrene

Concen: 52.828 ng

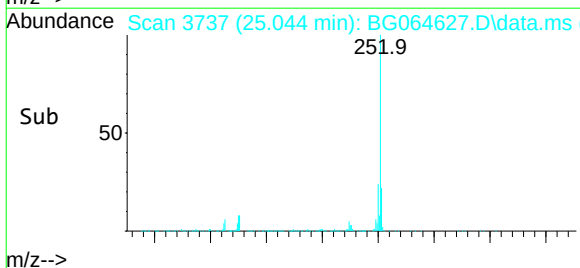
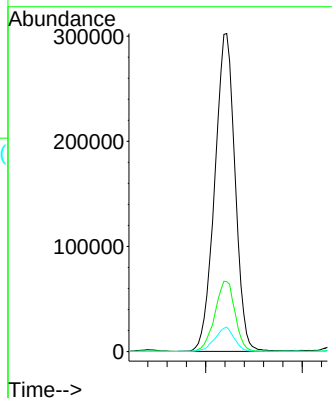
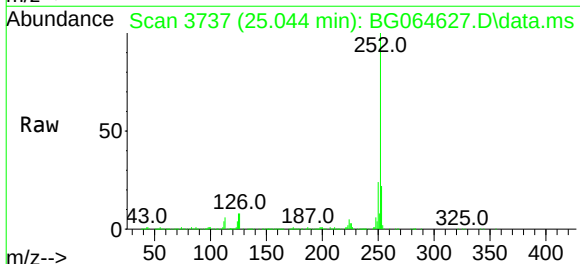
RT: 25.044 min Scan# 3737

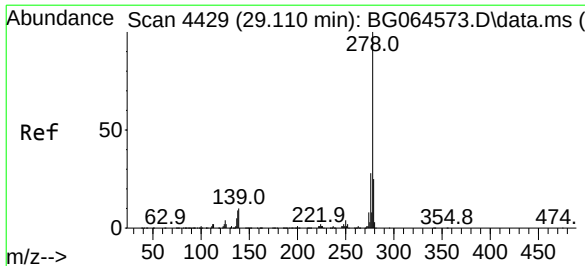
Delta R.T. -0.016 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

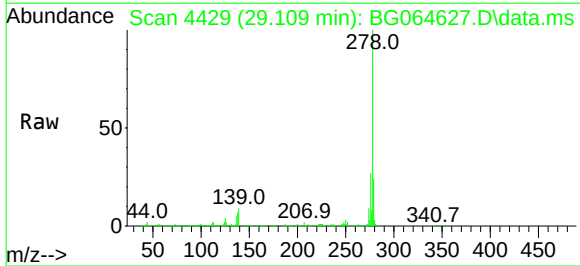
Tgt Ion:	252	Resp:	883679
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	7.7	6.1	9.1



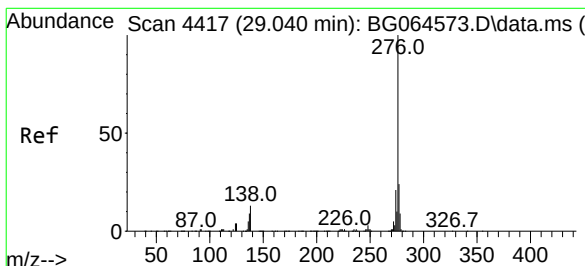
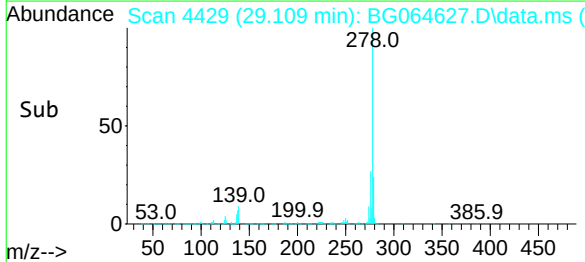
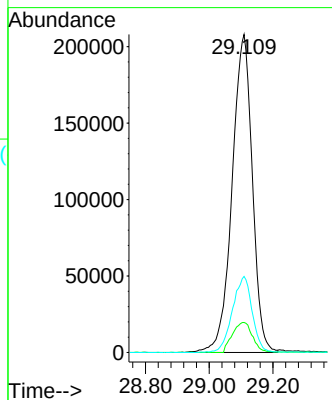


#91
Dibenzo(a,h)anthracene
Concen: 51.696 ng
RT: 29.109 min Scan# 4416
Delta R.T. -0.028 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion:278 Resp: 916893
Ion Ratio Lower Upper
278 100
139 9.4 8.0 12.0
279 23.9 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 51.200 ng
RT: 29.033 min Scan# 4416
Delta R.T. -0.028 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:276 Resp: 1117747
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 11.8 10.7 16.1

