

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
 Data File : BG060415.D
 Acq On : 24 Jan 2024 14:50
 Operator : MA/JU
 Sample : PB158578BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158578BS

Quant Time: Jan 24 15:30:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	208358	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	945490	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	742825	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	1990625	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1699962	20.000	ng	0.00
86) Perylene-d12	24.745	264	1708560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1561838	123.292	ng	0.00
7) Phenol-d6	7.101	99	2407979	128.371	ng	0.00
23) Nitrobenzene-d5	9.093	82	1457099	72.771	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1416785	129.634	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	3635477	68.044	ng	0.00
79) Terphenyl-d14	19.933	244	5522657	80.224	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	139354	24.082	ng	98
3) Pyridine	3.793	79	353887	21.676	ng	89
4) n-Nitrosodimethylamine	3.711	42	152448	29.836	ng	# 96
6) Aniline	7.254	93	616447	32.878	ng	98
8) 2-Chlorophenol	7.495	128	578918	46.113	ng	94
9) Benzaldehyde	7.066	77	101153	9.395	ng	97
10) Phenol	7.125	94	888637	47.250	ng	98
11) bis(2-Chloroethyl)ether	7.348	93	617384	40.285	ng	96
12) 1,3-Dichlorobenzene	7.818	146	568240	36.060	ng	98
13) 1,4-Dichlorobenzene	7.965	146	586224	36.666	ng	98
14) 1,2-Dichlorobenzene	8.282	146	615857	37.460	ng	98
15) Benzyl Alcohol	8.170	79	583847	48.083	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.458	45	760685	40.895	ng	97
17) 2-Methylphenol	8.376	107	581332	45.002	ng	98
18) Hexachloroethane	9.011	117	211957	37.810	ng	97
19) n-Nitroso-di-n-propyla...	8.734	70	524583	40.407	ng	95
20) 3+4-Methylphenols	8.705	107	828431	47.565	ng	98
22) Acetophenone	8.752	105	1018616	39.193	ng	99
24) Nitrobenzene	9.134	77	741116	35.705	ng	97
25) Isophorone	9.657	82	1494230	37.160	ng	97
26) 2-Nitrophenol	9.845	139	342922	44.933	ng	96
27) 2,4-Dimethylphenol	9.904	122	614584	60.944	ng	98
28) bis(2-Chloroethoxy)met...	10.139	93	899928	36.629	ng	100
29) 2,4-Dichlorophenol	10.385	162	715951	43.811	ng	99
30) 1,2,4-Trichlorobenzene	10.597	180	731973	36.003	ng	94
31) Naphthalene	10.785	128	1872614	37.784	ng	99
32) Benzoic acid	10.056	122	447167	49.741	ng	94
33) 4-Chloroaniline	10.897	127	459487	24.061	ng	97
34) Hexachlorobutadiene	11.067	225	472275	35.659	ng	96
35) Caprolactam	11.672	113	145529	27.649	ng	96
36) 4-Chloro-3-methylphenol	12.019	107	778609	46.900	ng	99
37) 2-Methylnaphthalene	12.395	142	1399093	38.062	ng	96
38) 1-Methylnaphthalene	12.612	142	1363813	36.949	ng	97
40) 1,2,4,5-Tetrachloroben...	12.759	216	961793	36.457	ng	98
41) Hexachlorocyclopentadiene	12.736	237	831705	94.956	ng	99
43) 2,4,6-Trichlorophenol	13.000	196	707948	42.167	ng	100

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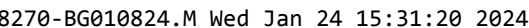
Instrument :
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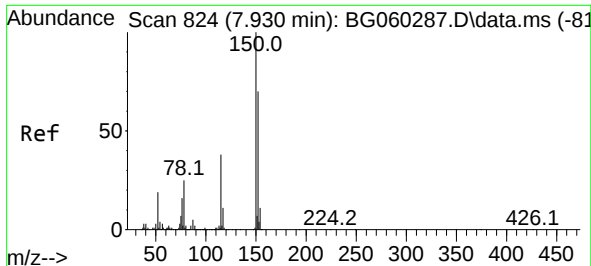
Quant Time: Jan 24 15:30:44 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	785786	42.434	ng	98
46) 1,1'-Biphenyl	13.400	154	2092057	37.311	ng	99
47) 2-Chloronaphthalene	13.447	162	1709878	35.596	ng	99
48) 2-Nitroaniline	13.652	65	546663	45.697	ng	94
49) Acenaphthylene	14.293	152	2689000	40.651	ng	99
50) Dimethylphthalate	14.022	163	2357328	41.528	ng	100
51) 2,6-Dinitrotoluene	14.146	165	535466	44.207	ng	97
52) Acenaphthene	14.633	154	1639521	39.805	ng	100
53) 3-Nitroaniline	14.475	138	406736	36.852	ng	96
54) 2,4-Dinitrophenol	14.686	184	677587	90.947	ng	95
55) Dibenzofuran	14.968	168	2794770	40.646	ng	97
56) 4-Nitrophenol	14.792	139	862639	105.373	ng	95
57) 2,4-Dinitrotoluene	14.933	165	782479	47.109	ng	93
58) Fluorene	15.615	166	2273453	39.927	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	787700	50.093	ng	99
60) Diethylphthalate	15.385	149	2336086	42.867	ng	100
61) 4-Chlorophenyl-phenyle...	15.609	204	1243403	39.640	ng	98
62) 4-Nitroaniline	15.644	138	526264	44.801	ng	96
63) Azobenzene	15.903	77	2162223	39.228	ng	98
65) 4,6-Dinitro-2-methylph...	15.697	198	516556	46.906	ng	96
66) n-Nitrosodiphenylamine	15.826	169	2135005	40.393	ng	99
67) 4-Bromophenyl-phenylether	16.502	248	869891	39.770	ng	98
68) Hexachlorobenzene	16.619	284	967659	37.374	ng	98
69) Atrazine	16.778	200	1183739	59.393	ng	100
70) Pentachlorophenol	16.966	266	1355577	97.133	ng	95
71) Phenanthrene	17.360	178	3814504	39.644	ng	99
72) Anthracene	17.448	178	3826650	39.835	ng	98
73) Carbazole	17.718	167	3523066	38.901	ng	99
74) Di-n-butylphthalate	18.276	149	3725708	39.982	ng	100
75) Fluoranthene	19.369	202	4266473	36.918	ng	98
77) Benzidine	19.551	184	627745	16.997	ng	98
78) Pyrene	19.733	202	4363589	40.196	ng	98
80) Butylbenzylphthalate	20.621	149	1763349	47.213	ng	95
81) Benzo(a)anthracene	21.561	228	4274800	40.619	ng	99
82) 3,3'-Dichlorobenzidine	21.478	252	1460669	36.242	ng	98
83) Chrysene	21.625	228	4092460	39.539	ng	100
84) Bis(2-ethylhexyl)phtha...	21.461	149	2481594	43.970	ng	97
85) Di-n-octyl phthalate	22.648	149	4173286	45.630	ng	100
87) Indeno(1,2,3-cd)pyrene	28.359	276	5355191	45.078	ng	# 94
88) Benzo(b)fluoranthene	23.740	252	4495974	44.543	ng	100
89) Benzo(k)fluoranthene	23.805	252	4558830	45.770	ng	99
90) Benzo(a)pyrene	24.598	252	4050113	44.419	ng	99
91) Dibenzo(a,h)anthracene	28.417	278	4493175	46.312	ng	99
92) Benzo(g,h,i)perylene	29.492	276	4447065	44.723	ng	99

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

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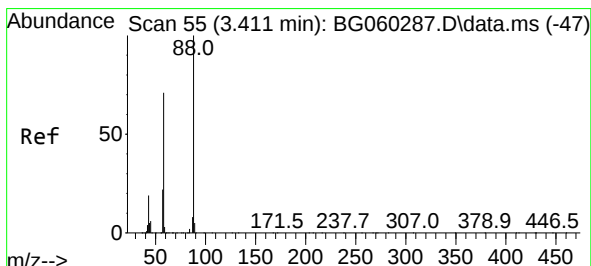
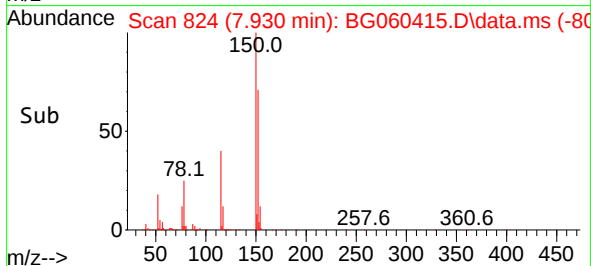
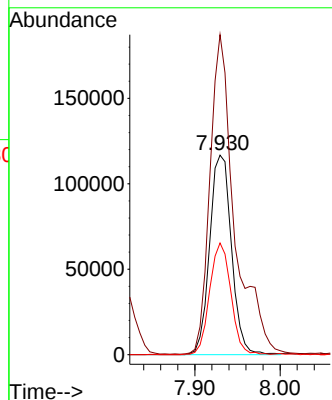
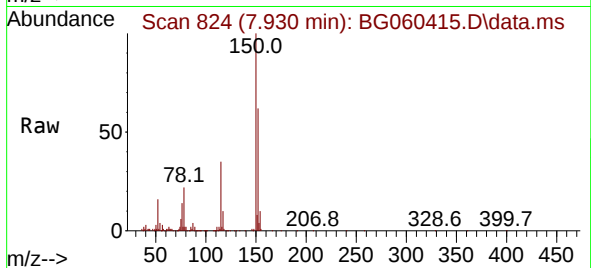




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.930 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG060415.D
 Acq: 24 Jan 2024 14:50

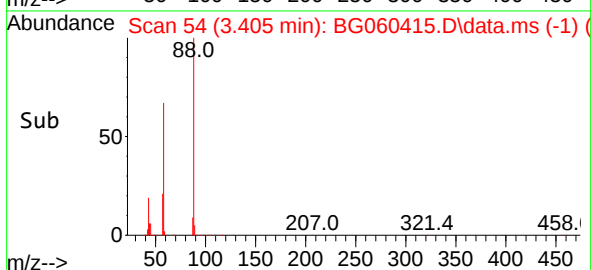
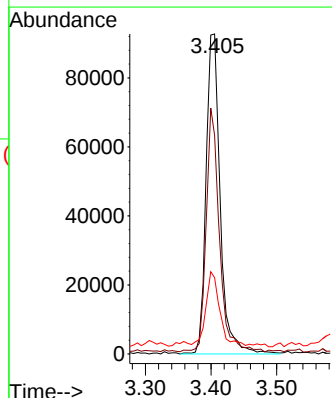
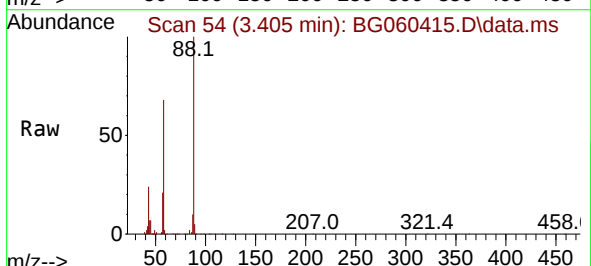
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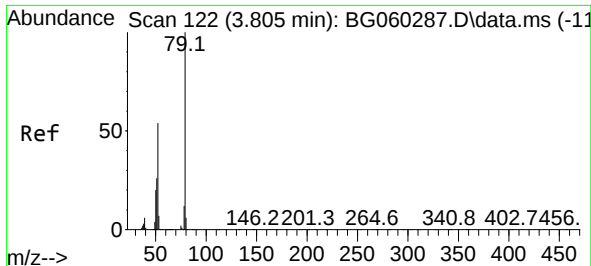
Tgt Ion:152 Resp: 208358
 Ion Ratio Lower Upper
 152 100
 150 160.4 114.5 171.7
 115 55.9 43.0 64.6



#2
 1,4-Dioxane
 Concen: 24.082 ng
 RT: 3.405 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: BG060415.D
 Acq: 24 Jan 2024 14:50

Tgt Ion: 88 Resp: 139354
 Ion Ratio Lower Upper
 88 100
 58 70.8 55.9 83.9
 43 22.0 16.6 24.8

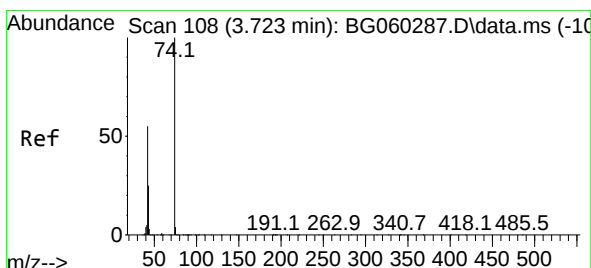
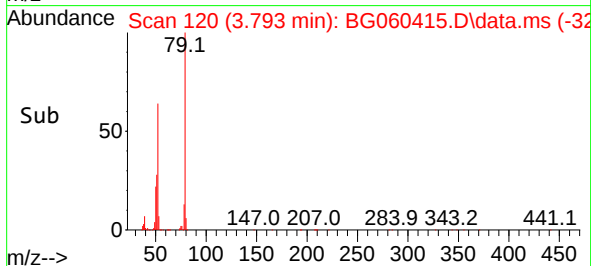
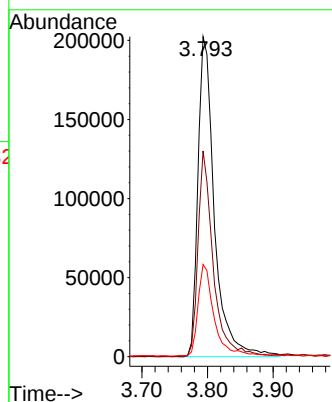
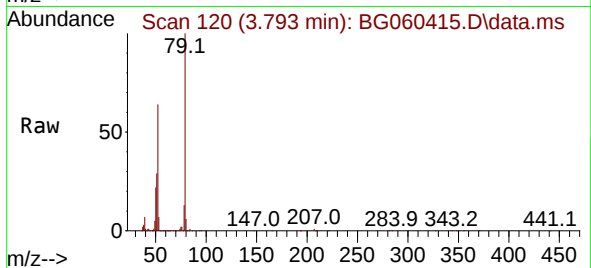




#3
Pyridine
Concen: 21.676 ng
RT: 3.793 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

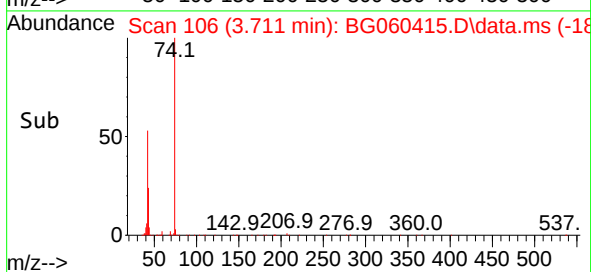
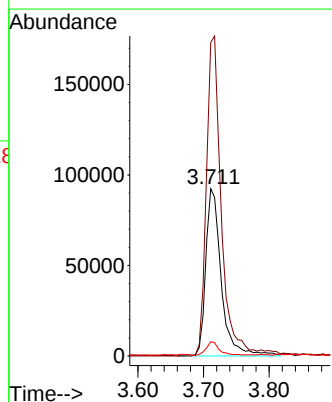
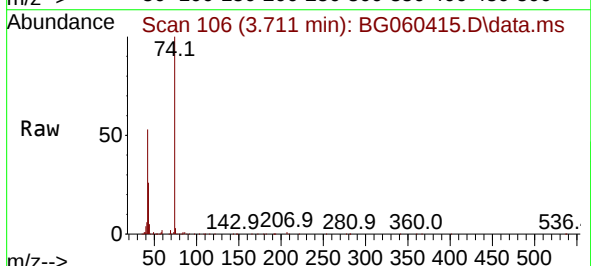
Instrument :
BNA_G
ClientSampleId :
PB158578BS

Tgt Ion: 79 Resp: 353887
Ion Ratio Lower Upper
79 100
52 64.3 43.2 64.8
51 28.8 21.4 32.2



#4
n-Nitrosodimethylamine
Concen: 29.836 ng
RT: 3.711 min Scan# 106
Delta R.T. -0.012 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 42 Resp: 152448
Ion Ratio Lower Upper
42 100
74 187.4 145.1 217.7
44 8.5 5.2 7.8#

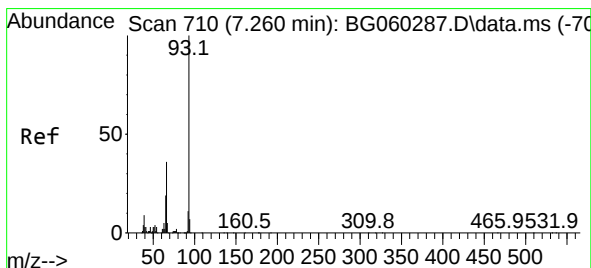
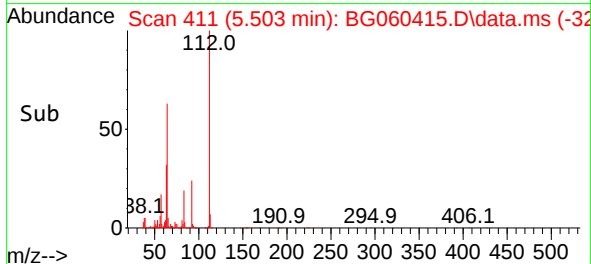
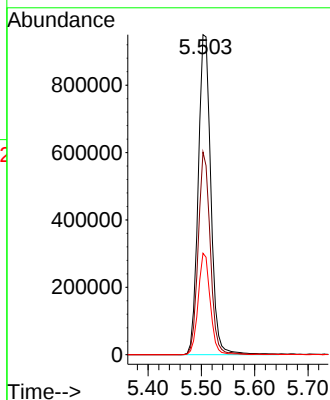
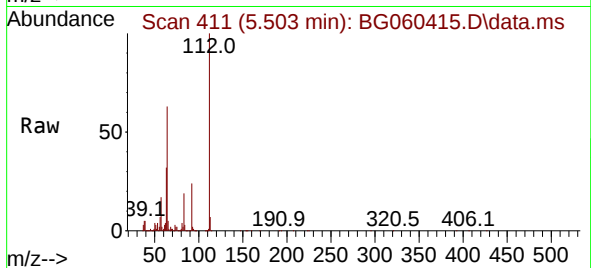




#5
2-Fluorophenol
Concen: 123.292 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

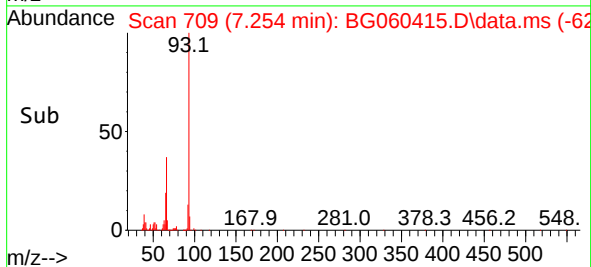
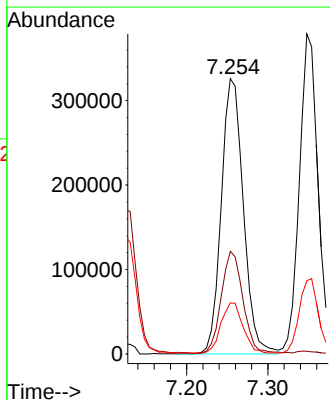
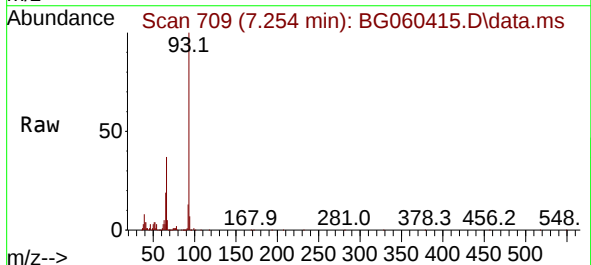
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ClientSampleId :
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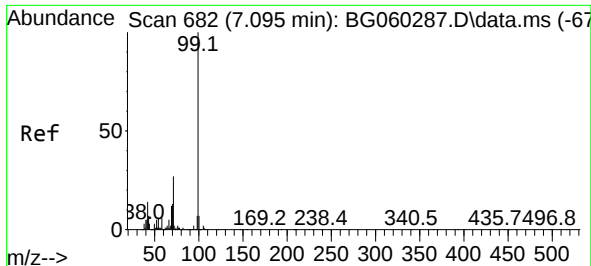
Tgt Ion:112 Resp: 1561838
Ion Ratio Lower Upper
112 100
64 63.3 49.8 74.6
63 31.7 24.4 36.6



#6
Aniline
Concen: 32.878 ng
RT: 7.254 min Scan# 709
Delta R.T. -0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 93 Resp: 616447
Ion Ratio Lower Upper
93 100
66 37.3 29.0 43.4
65 18.5 15.1 22.7



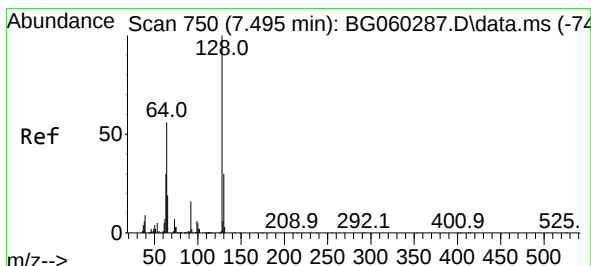
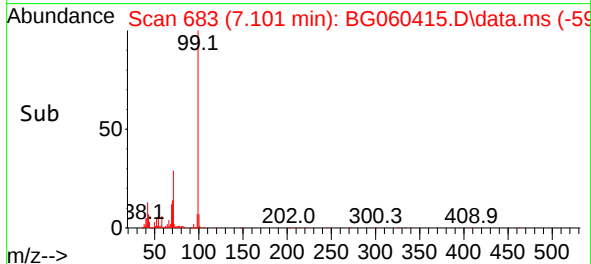
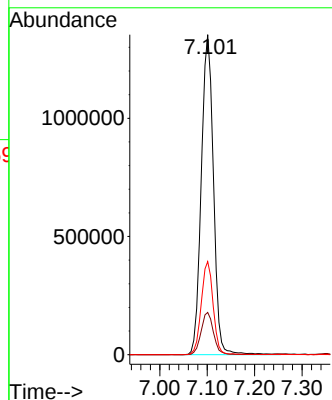
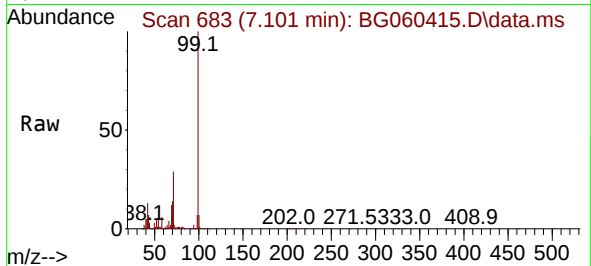


#7
Phenol-d6
Concen: 128.371 ng
RT: 7.101 min Scan# 683
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Instrument :
BNA_G
ClientSampleId :
PB158578BS

Tgt Ion: 99 Resp: 2407979

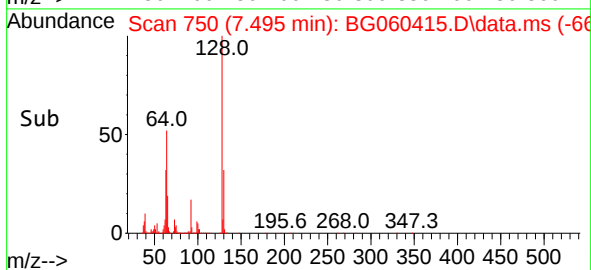
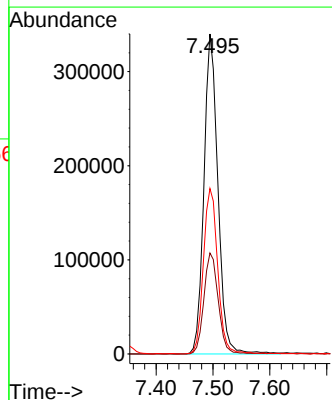
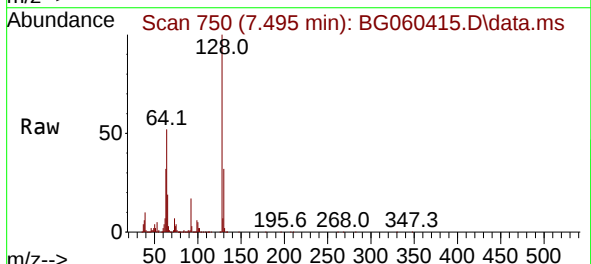
Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.9	16.3
71	29.1	21.5	32.3

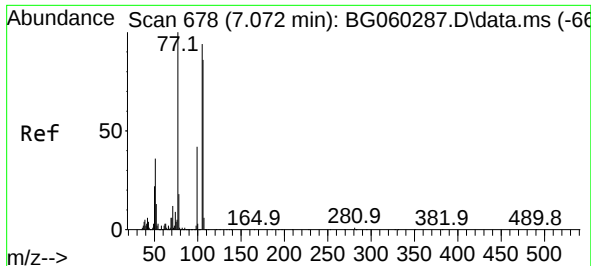


#8
2-Chlorophenol
Concen: 46.113 ng
RT: 7.495 min Scan# 750
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 128 Resp: 578918

Ion	Ratio	Lower	Upper
128	100		
130	31.6	9.9	49.9
64	51.7	37.8	77.8

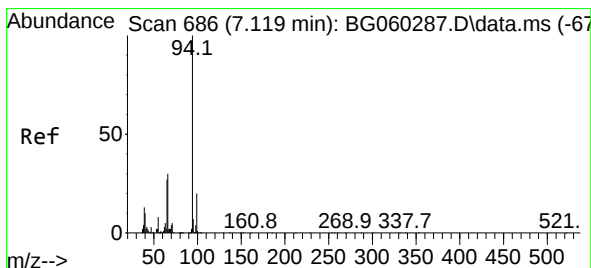
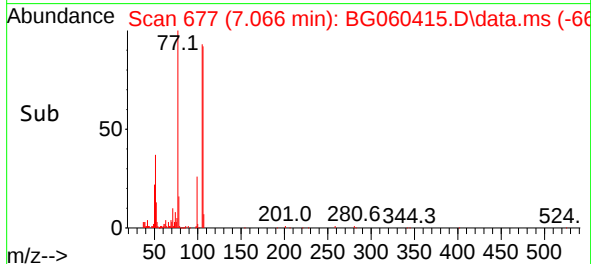
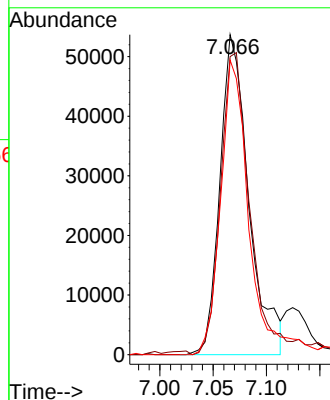
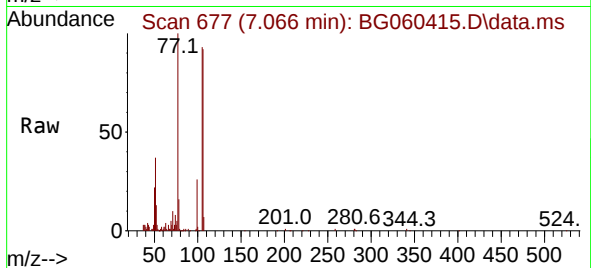




#9
Benzaldehyde
Concen: 9.395 ng
RT: 7.066 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

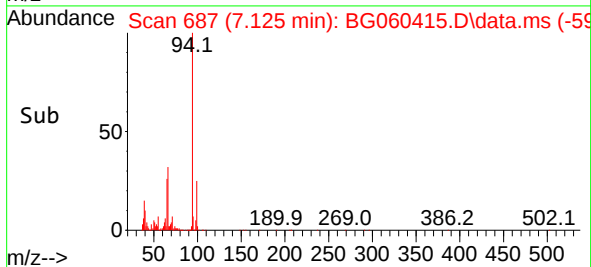
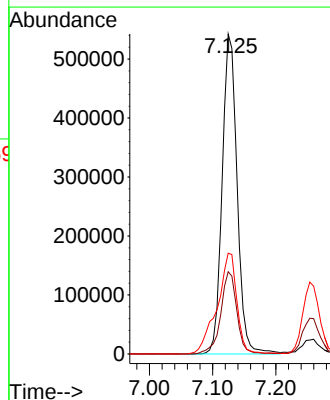
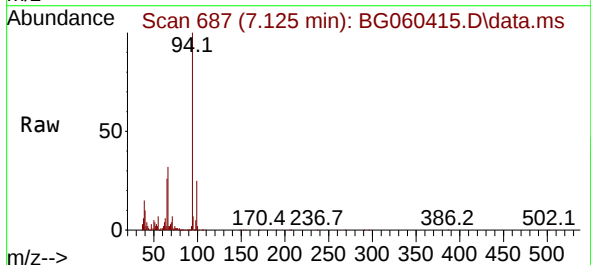
Instrument :
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ClientSampleId :
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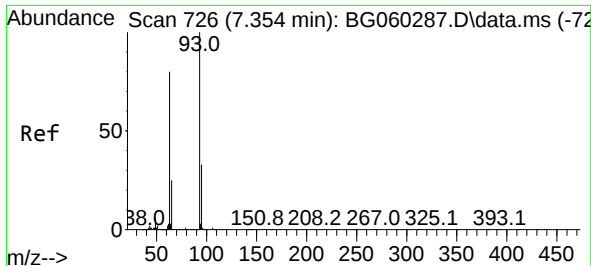
Tgt Ion: 77 Resp: 101153
Ion Ratio Lower Upper
77 100
105 93.2 73.6 113.6
106 92.0 66.2 106.2



#10
Phenol
Concen: 47.250 ng
RT: 7.125 min Scan# 687
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 94 Resp: 888637
Ion Ratio Lower Upper
94 100
65 25.7 6.7 46.7
66 31.5 10.6 50.6

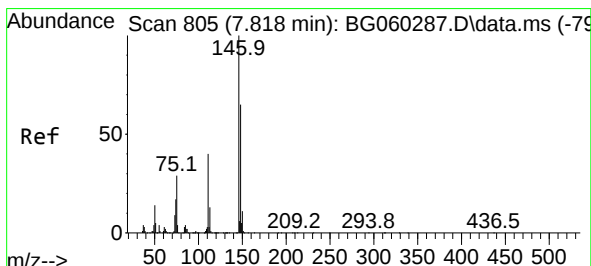
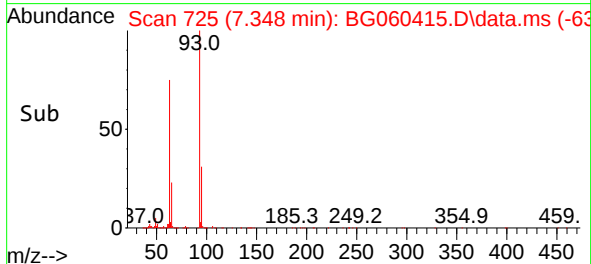
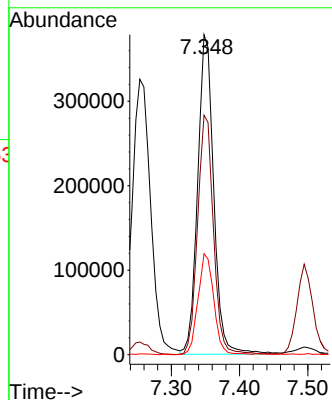
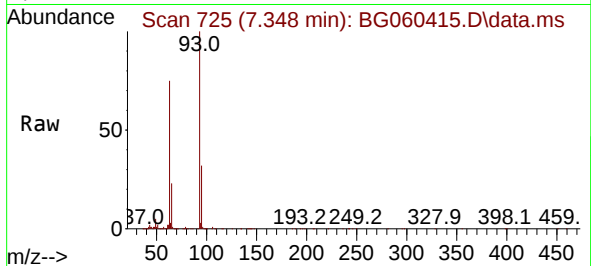




#11
bis(2-Chloroethyl)ether
Concen: 40.285 ng
RT: 7.348 min Scan# 726
Delta R.T. -0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

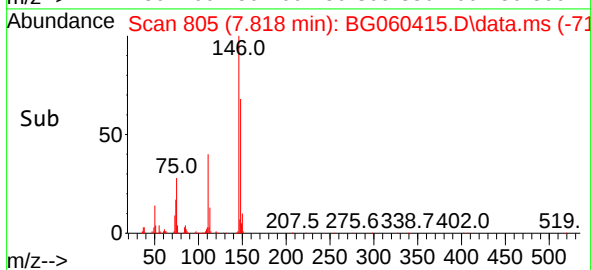
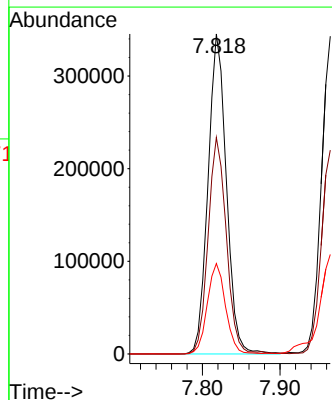
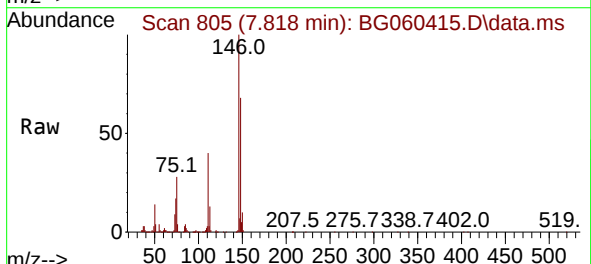
Instrument :
BNA_G
ClientSampleId :
PB158578BS

Tgt Ion: 93 Resp: 617384
Ion Ratio Lower Upper
93 100
63 74.8 59.3 99.3
95 31.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.060 ng
RT: 7.818 min Scan# 805
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 146 Resp: 568240
Ion Ratio Lower Upper
146 100
148 67.7 52.3 78.5
75 28.3 22.9 34.3

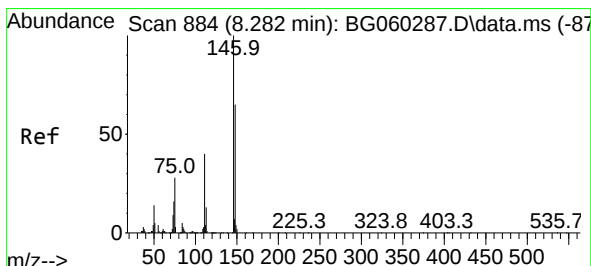
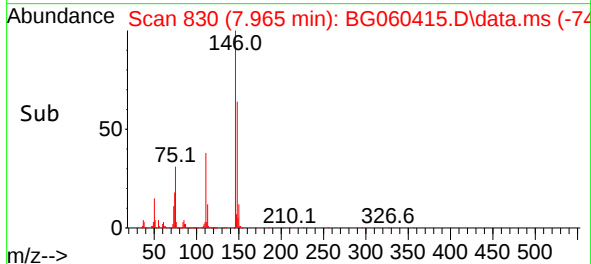
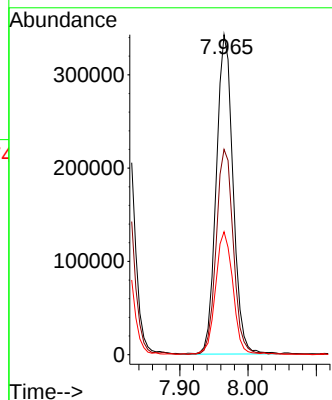
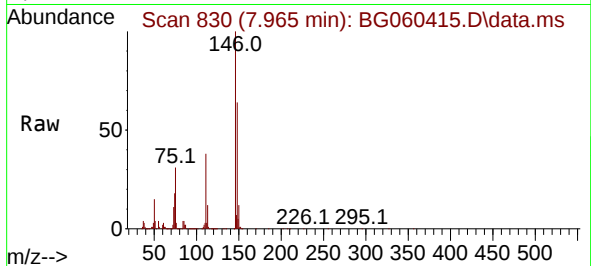




#13
1,4-Dichlorobenzene
Concen: 36.666 ng
RT: 7.965 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

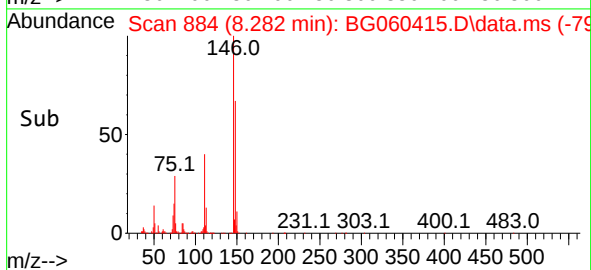
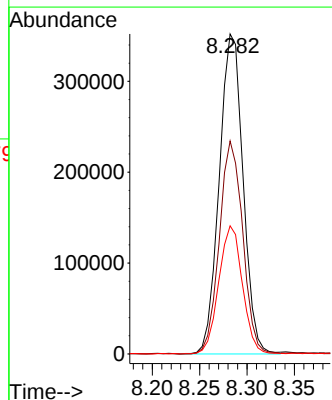
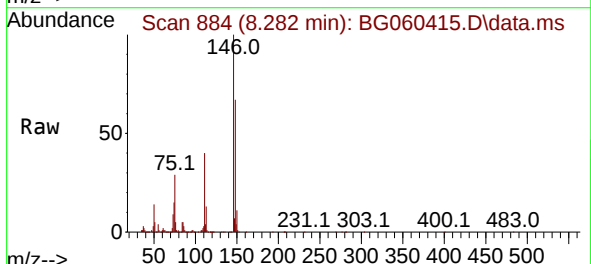
Instrument :
BNA_G
ClientSampleId :
PB158578BS

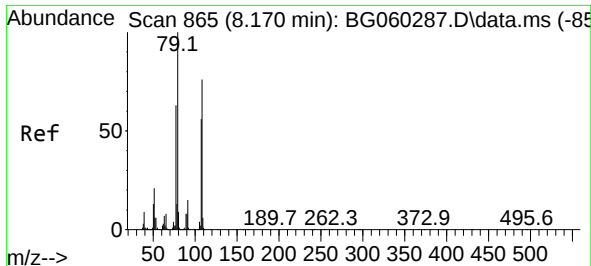
Tgt Ion:146 Resp: 586224
Ion Ratio Lower Upper
146 100
148 64.2 52.7 79.1
111 38.4 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 37.460 ng
RT: 8.282 min Scan# 884
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:146 Resp: 615857
Ion Ratio Lower Upper
146 100
148 66.5 51.8 77.8
111 40.0 32.6 48.8

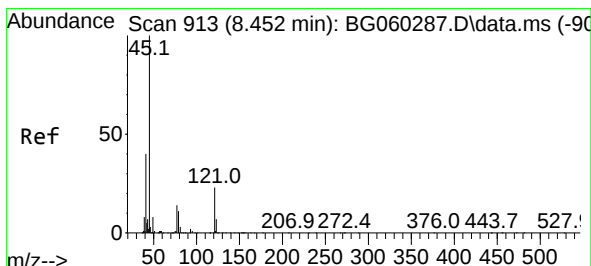
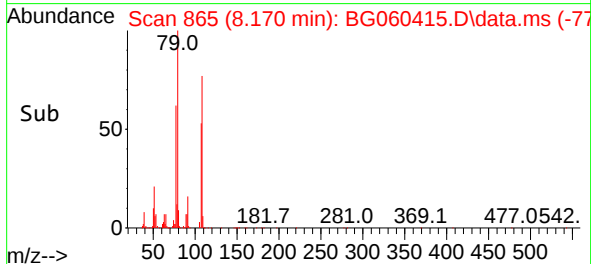
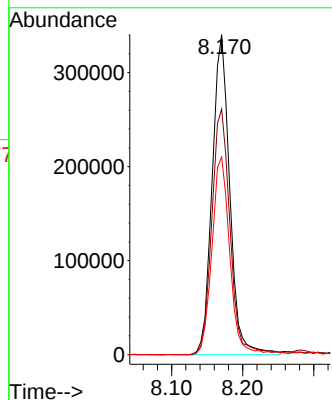
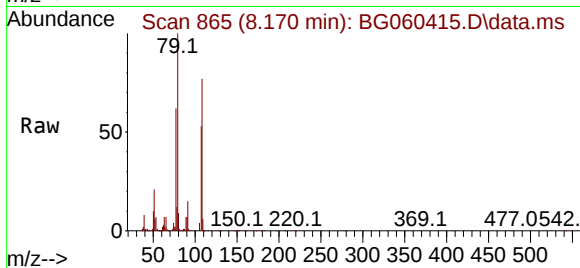




#15
Benzyl Alcohol
Concen: 48.083 ng
RT: 8.170 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

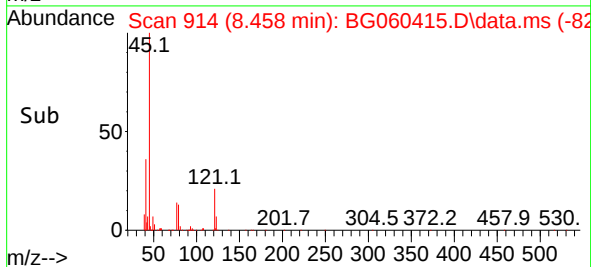
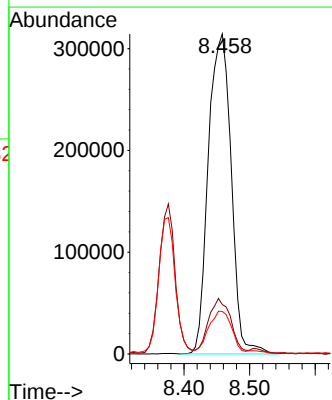
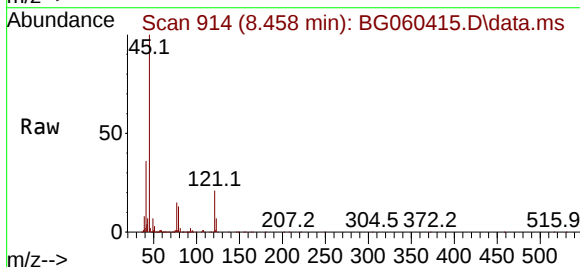
Instrument :
BNA_G
ClientSampleId :
PB158578BS

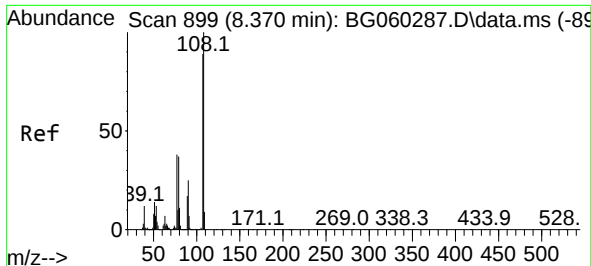
Tgt Ion: 79 Resp: 583847
Ion Ratio Lower Upper
79 100
108 76.8 61.2 91.8
77 61.8 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.895 ng
RT: 8.458 min Scan# 914
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 45 Resp: 760685
Ion Ratio Lower Upper
45 100
77 15.4 0.0 37.3
79 13.3 0.0 34.0





#17

2-Methylphenol

Concen: 45.002 ng

RT: 8.376 min Scan# 90

Delta R.T. 0.006 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

PB158578BS

Tgt Ion:107 Resp: 581332

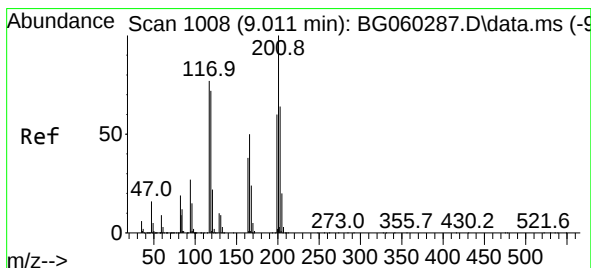
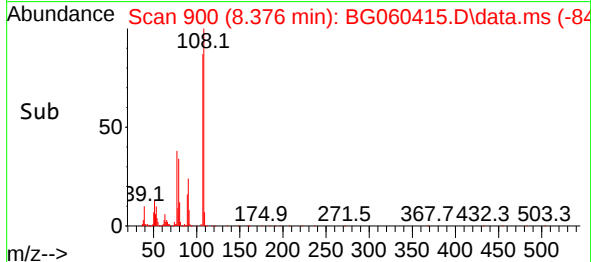
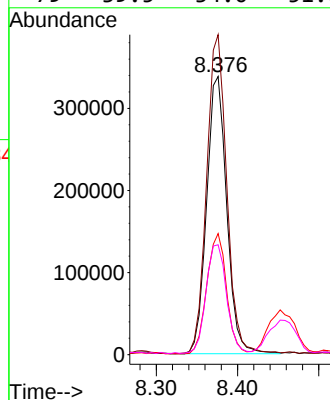
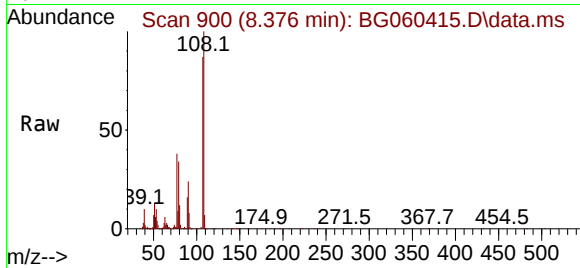
Ion Ratio Lower Upper

107 100

108 115.0 90.5 135.7

77 43.5 35.0 52.6

79 39.5 34.0 51.0



#18

Hexachloroethane

Concen: 37.810 ng

RT: 9.011 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

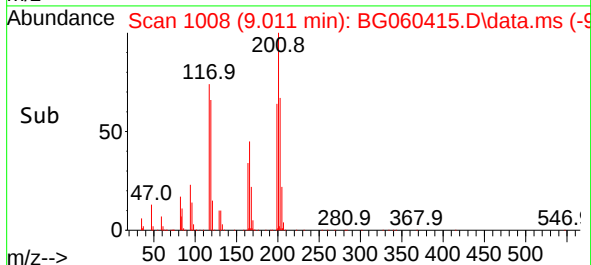
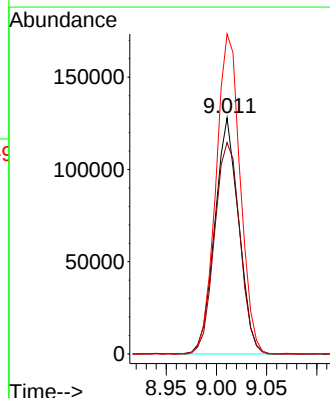
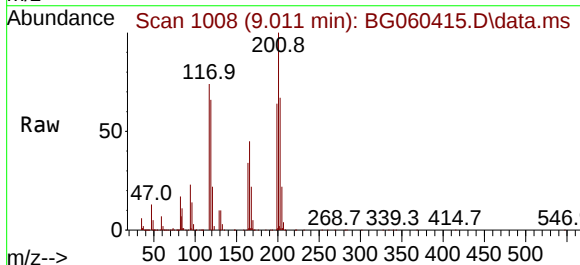
Tgt Ion:117 Resp: 211957

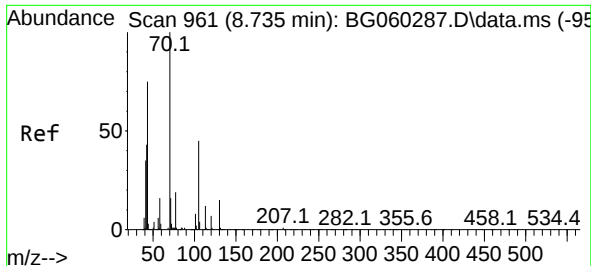
Ion Ratio Lower Upper

117 100

119 89.5 74.5 111.7

201 135.5 106.3 159.5



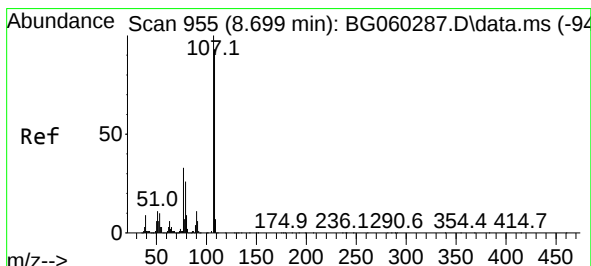
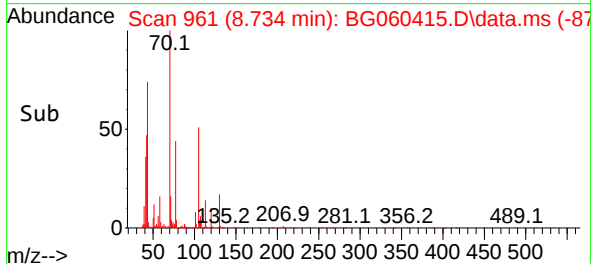
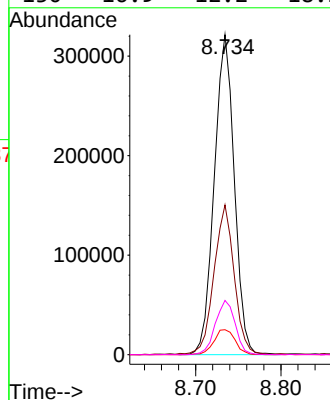
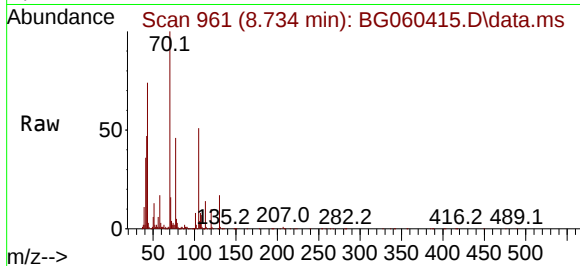


#19
n-Nitroso-di-n-propylamine
Concen: 40.407 ng
RT: 8.734 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Instrument :
BNA_G
ClientSampleId :
PB158578BS

Tgt Ion: 70 Resp: 524583

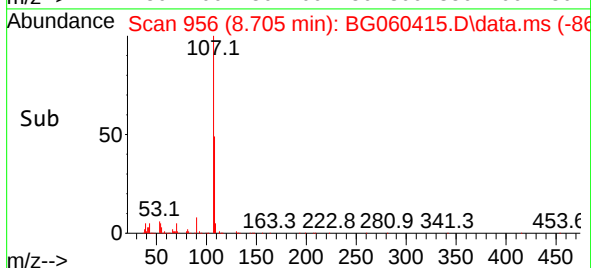
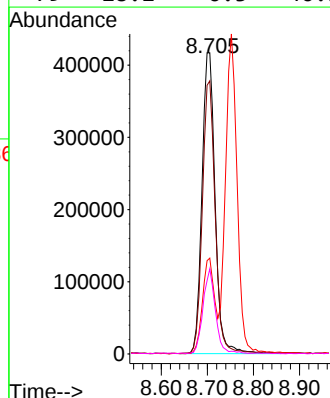
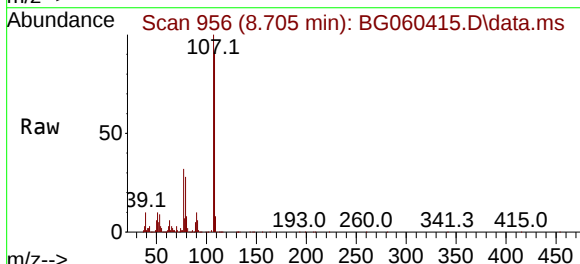
Ion	Ratio	Lower	Upper
70	100		
42	46.8	34.3	51.5
101	7.8	6.2	9.2
130	16.9	12.2	18.2



#20
3+4-Methylphenols
Concen: 47.565 ng
RT: 8.705 min Scan# 956
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 107 Resp: 828431

Ion	Ratio	Lower	Upper
107	100		
108	90.7	72.5	112.5
77	31.8	13.0	53.0
79	28.2	6.3	46.3

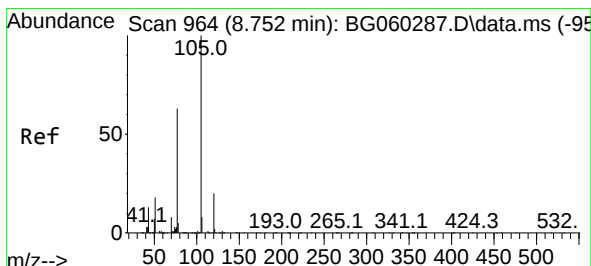
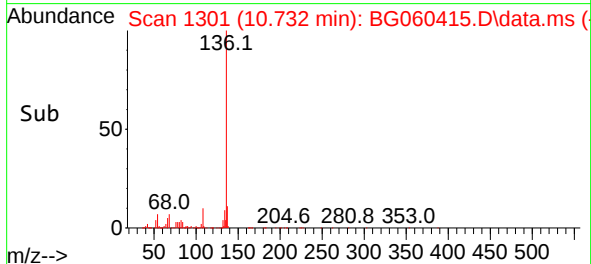
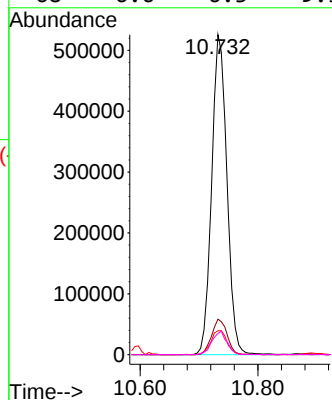
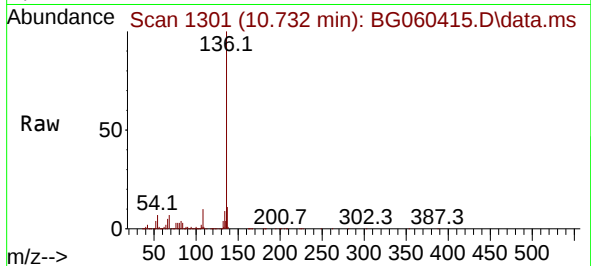




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

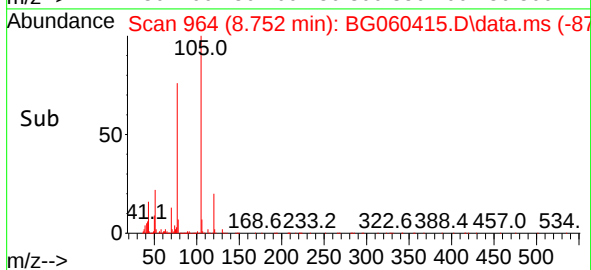
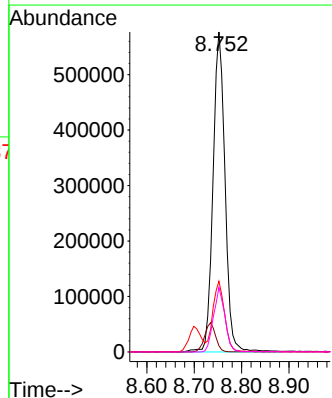
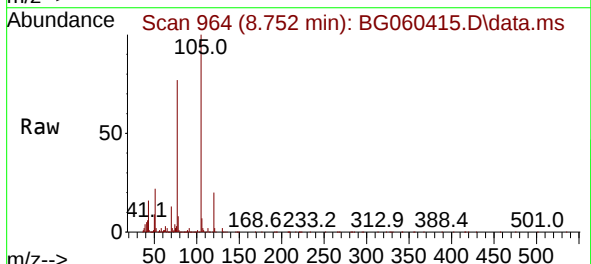
Instrument :
BNA_G
ClientSampleId :
PB158578BS

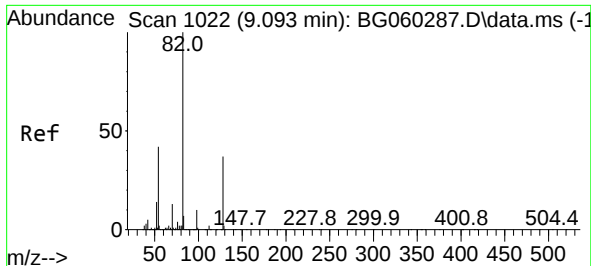
Tgt Ion:	136	Resp:	945490
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	7.5	6.2	9.2
68	6.6	6.3	9.5



#22
Acetophenone
Concen: 39.193 ng
RT: 8.752 min Scan# 964
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:	105	Resp:	1018616
Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.7	2.5
51	22.1	18.2	27.2
120	20.2	15.5	23.3

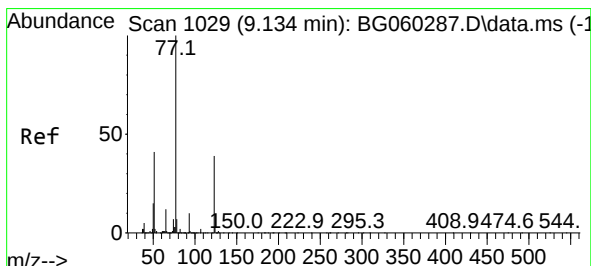
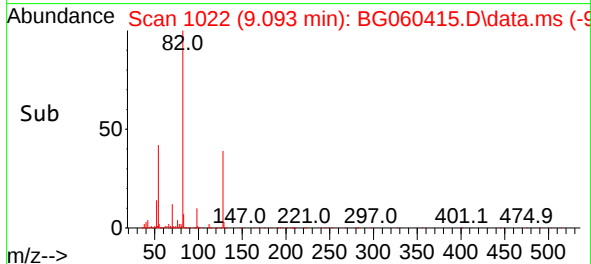
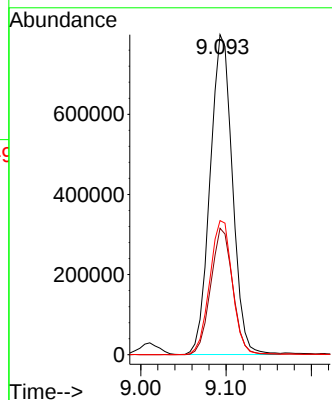
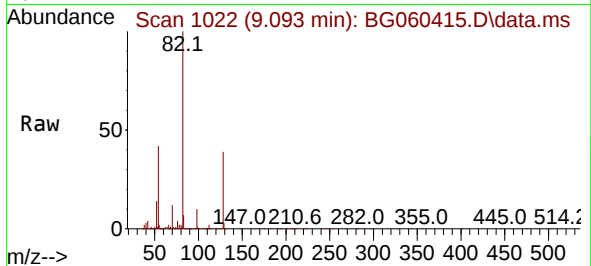




#23
Nitrobenzene-d5
Concen: 72.771 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

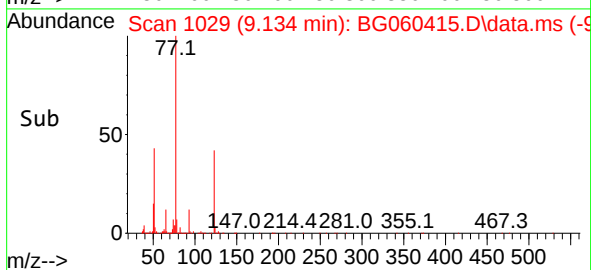
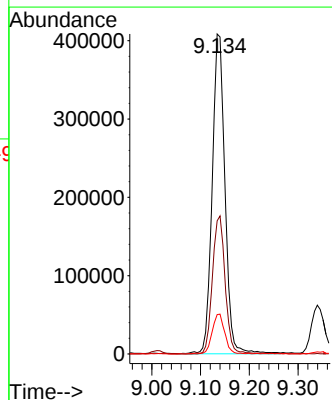
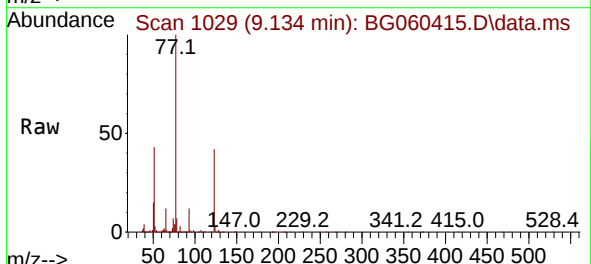
Instrument :
BNA_G
ClientSampleId :
PB158578BS

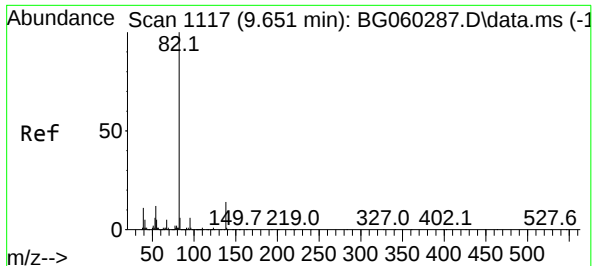
Tgt Ion: 82 Resp: 1457099
Ion Ratio Lower Upper
82 100
128 39.5 29.6 44.4
54 41.9 33.6 50.4



#24
Nitrobenzene
Concen: 35.705 ng
RT: 9.134 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 77 Resp: 741116
Ion Ratio Lower Upper
77 100
123 41.6 31.4 47.0
65 12.3 9.6 14.4

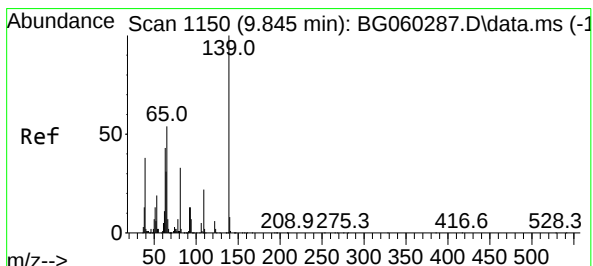
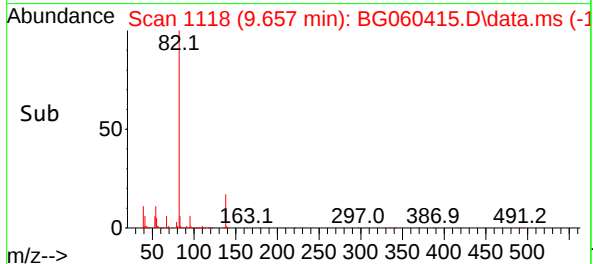
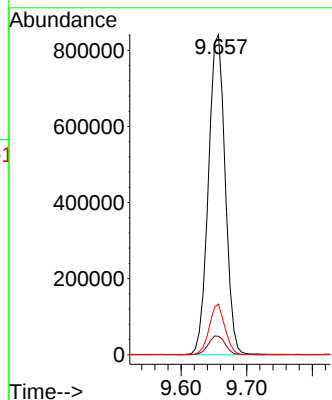
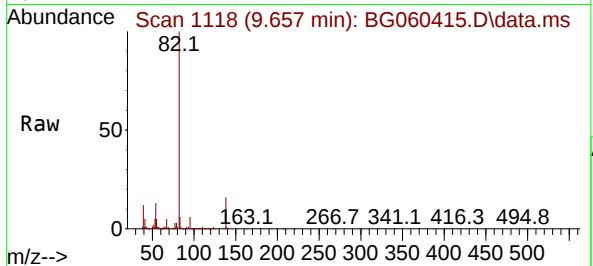




#25
Isophorone
Concen: 37.160 ng
RT: 9.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

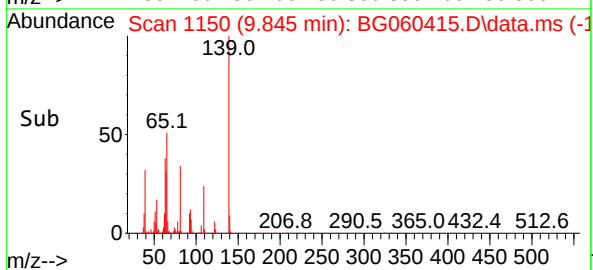
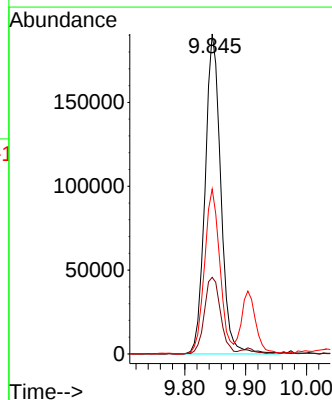
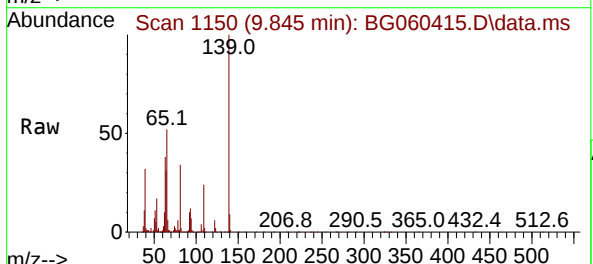
Instrument :
BNA_G
ClientSampleId :
PB158578BS

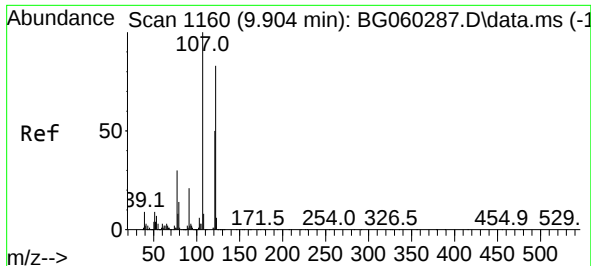
Tgt Ion: 82 Resp: 1494230
Ion Ratio Lower Upper
82 100
95 5.8 4.7 7.1
138 15.8 11.1 16.7



#26
2-Nitrophenol
Concen: 44.933 ng
RT: 9.845 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:139 Resp: 342922
Ion Ratio Lower Upper
139 100
109 24.0 17.6 26.4
65 51.6 43.6 65.4





#27

2,4-Dimethylphenol

Concen: 60.944 ng

RT: 9.904 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

PB158578BS

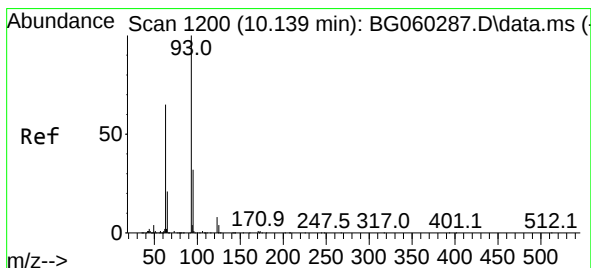
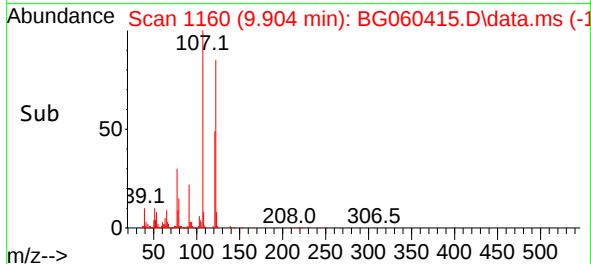
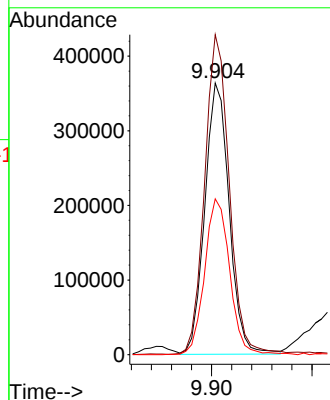
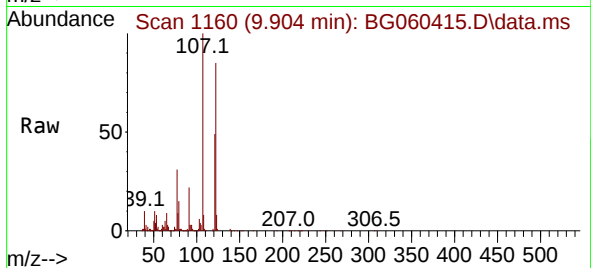
Tgt Ion:122 Resp: 614584

Ion Ratio Lower Upper

122 100

107 117.8 95.4 143.0

121 57.3 47.7 71.5



#28

bis(2-Chloroethoxy)methane

Concen: 36.629 ng

RT: 10.139 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

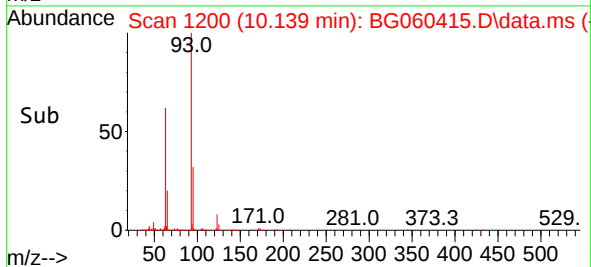
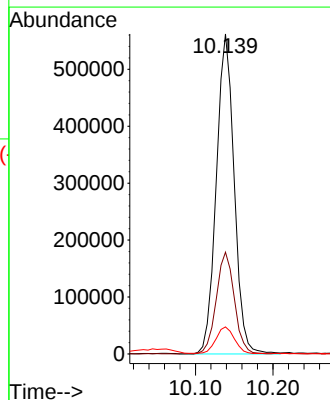
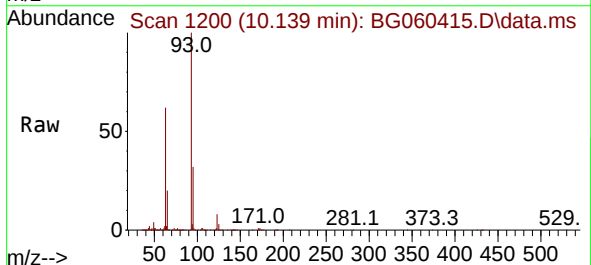
Tgt Ion: 93 Resp: 899928

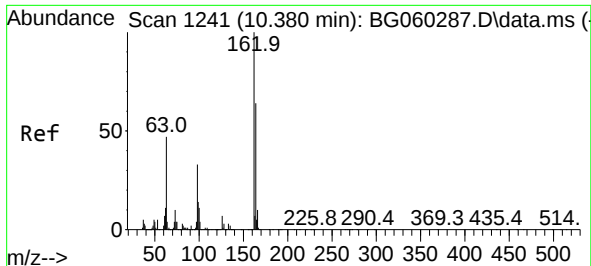
Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.0

123 8.5 6.7 10.1





#29

2,4-Dichlorophenol

Concen: 43.811 ng

RT: 10.385 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

PB158578BS

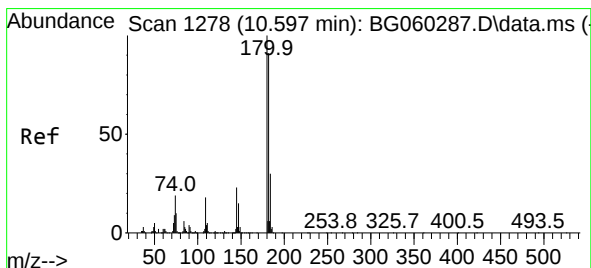
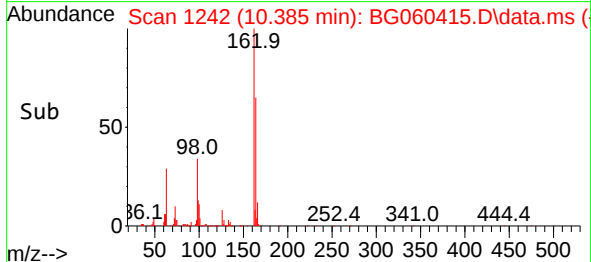
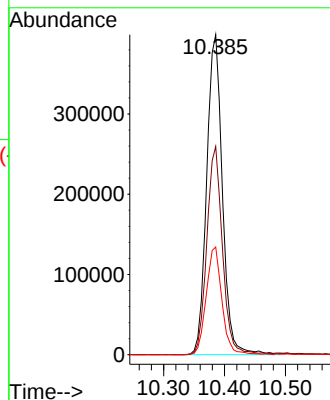
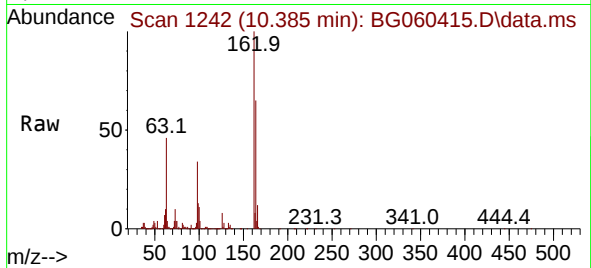
Tgt Ion:162 Resp: 715951

Ion Ratio Lower Upper

162 100

164 65.0 44.3 84.3

98 33.6 13.4 53.4



#30

1,2,4-Trichlorobenzene

Concen: 36.003 ng

RT: 10.597 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

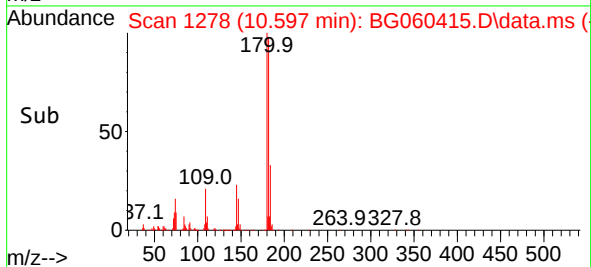
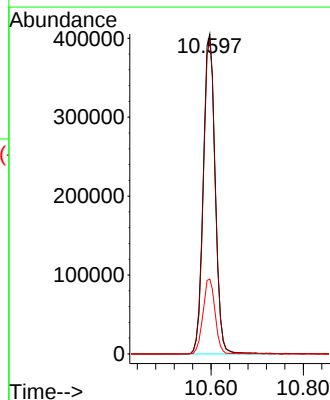
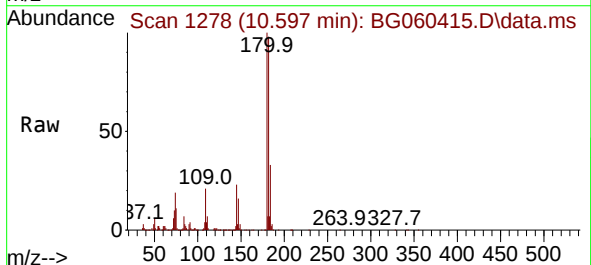
Tgt Ion:180 Resp: 731973

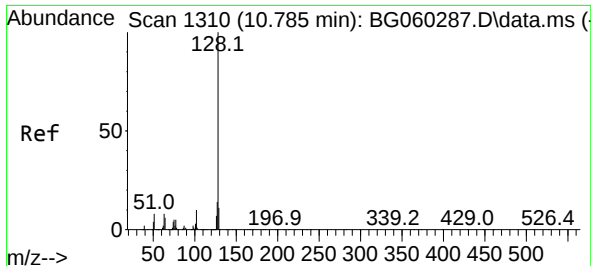
Ion Ratio Lower Upper

180 100

182 98.1 72.7 109.1

145 23.4 18.2 27.2

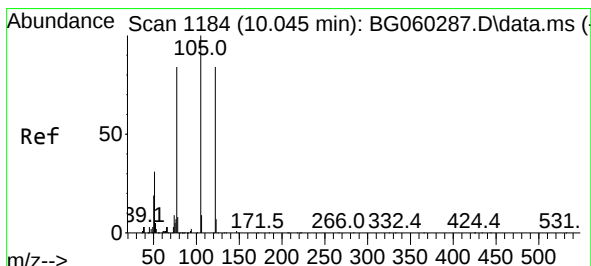
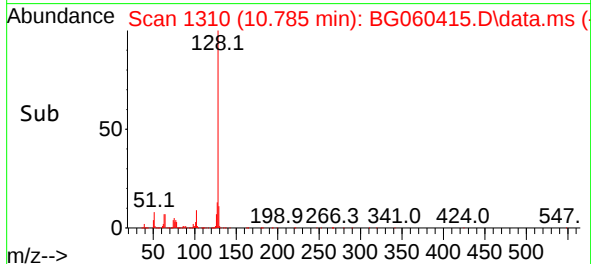
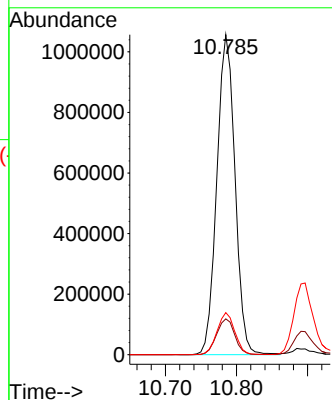
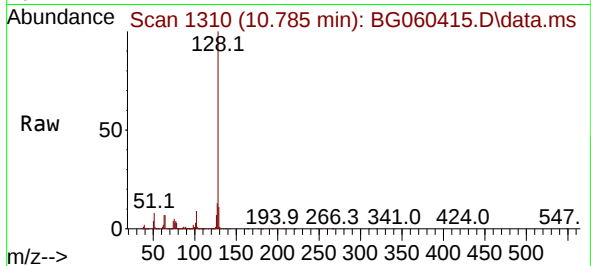




#31
Naphthalene
Concen: 37.784 ng
RT: 10.785 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

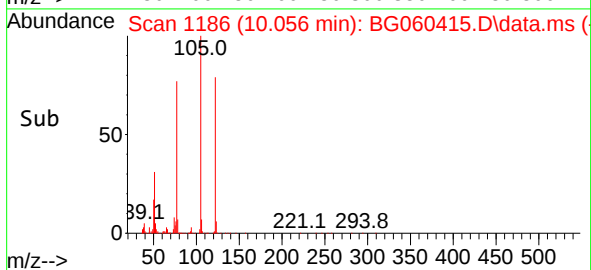
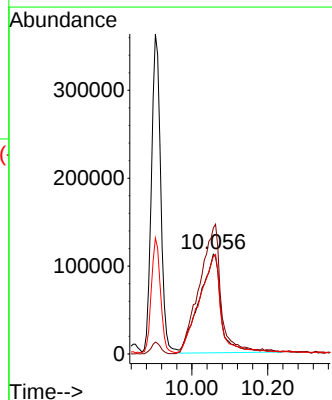
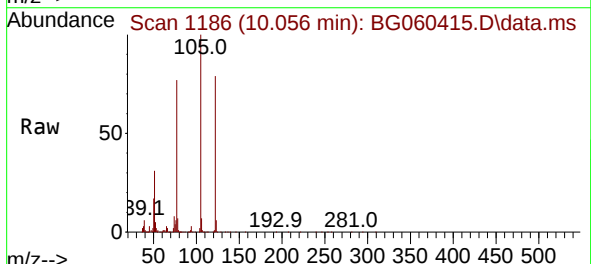
Instrument :
BNA_G
ClientSampleId :
PB158578BS

Tgt Ion:128 Resp: 1872614
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 49.741 ng
RT: 10.056 min Scan# 1186
Delta R.T. 0.011 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:122 Resp: 447167
Ion Ratio Lower Upper
122 100
105 126.2 96.0 136.0
77 97.6 80.1 120.1

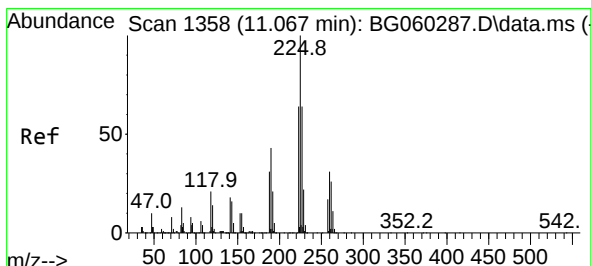
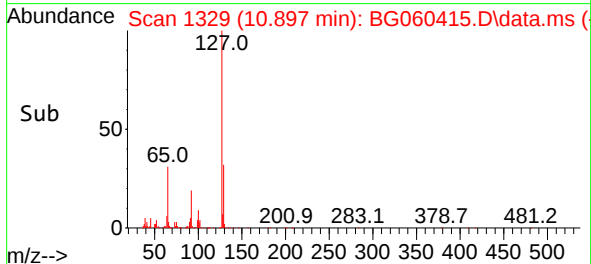
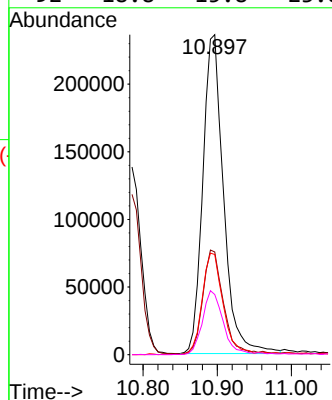
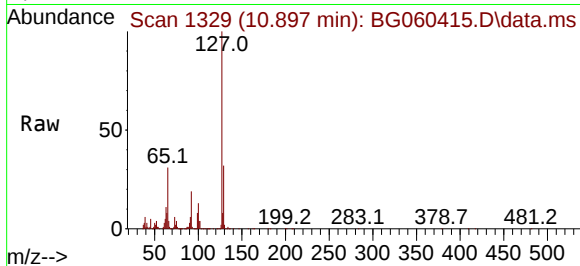




#33
4-Chloroaniline
Concen: 24.061 ng
RT: 10.897 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

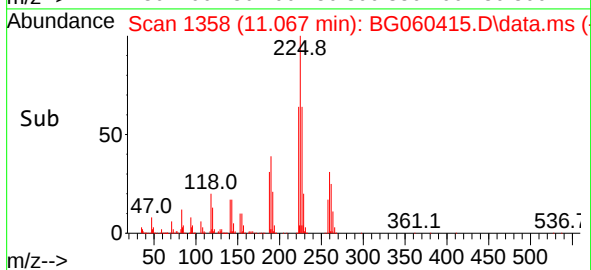
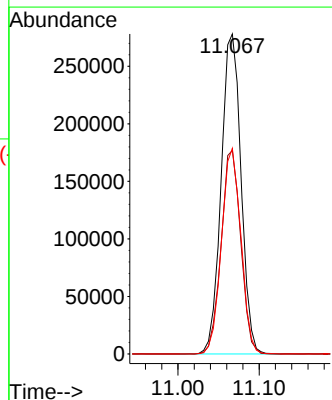
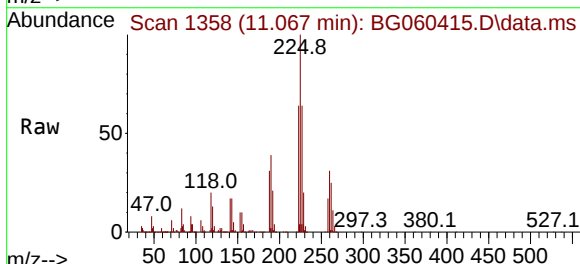
Instrument :
BNA_G
ClientSampleId :
PB158578BS

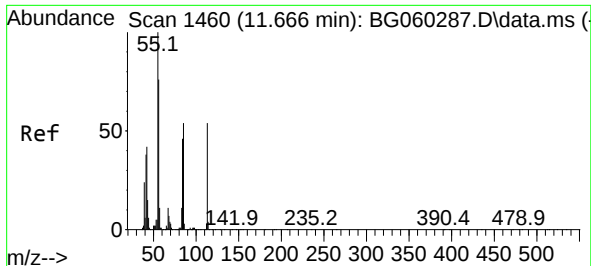
Tgt Ion:	127	Resp:	459487
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.5	38.3
65	31.3	27.5	41.3
92	18.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 35.659 ng
RT: 11.067 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:	225	Resp:	472275
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.7	73.1
227	64.2	48.7	73.1

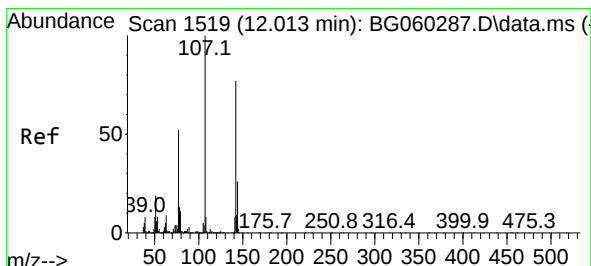
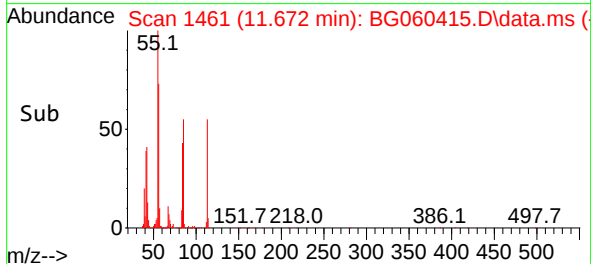
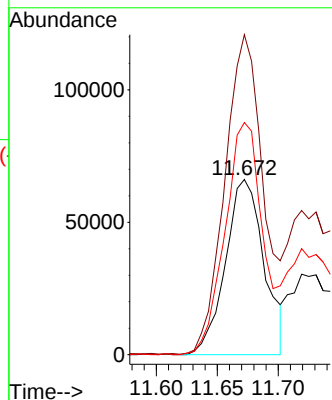
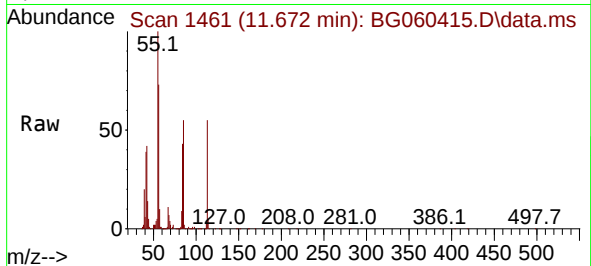




#35
Caprolactam
Concen: 27.649 ng
RT: 11.672 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

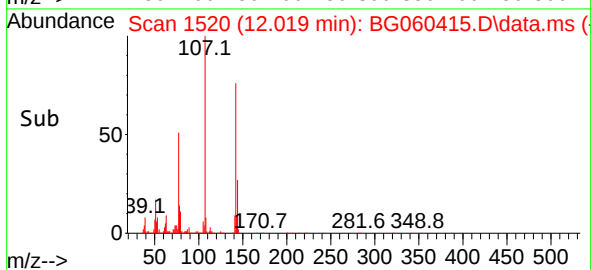
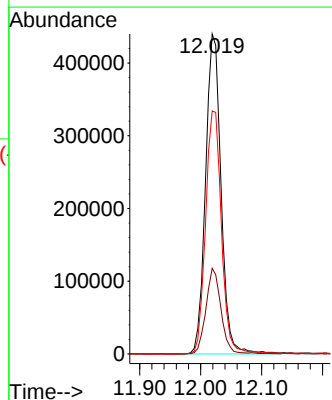
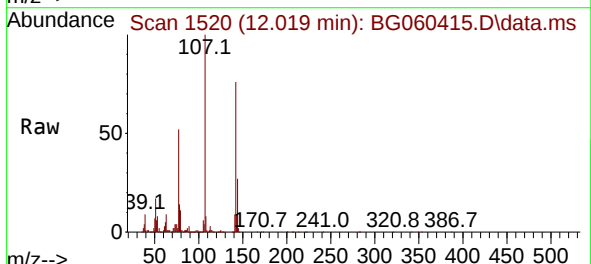
Instrument :
BNA_G
ClientSampleId :
PB158578BS

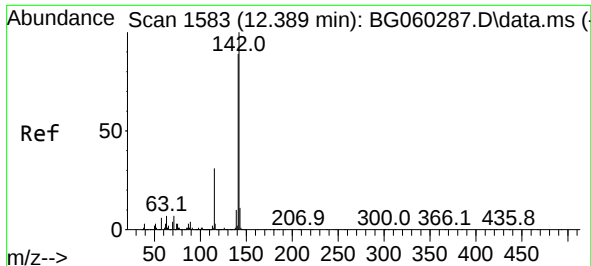
Tgt Ion:113 Resp: 145529
Ion Ratio Lower Upper
113 100
55 182.6 166.4 206.4
56 132.5 121.0 161.0



#36
4-Chloro-3-methylphenol
Concen: 46.900 ng
RT: 12.019 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:107 Resp: 778609
Ion Ratio Lower Upper
107 100
144 26.8 20.6 31.0
142 76.0 61.5 92.3





#37

2-Methylnaphthalene

Concen: 38.062 ng

RT: 12.395 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

PB158578BS

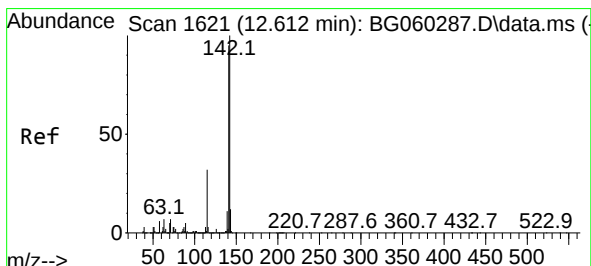
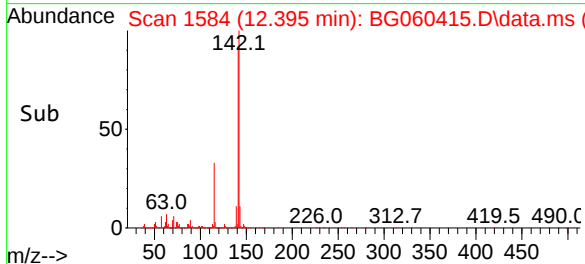
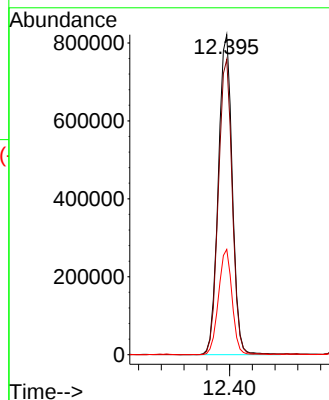
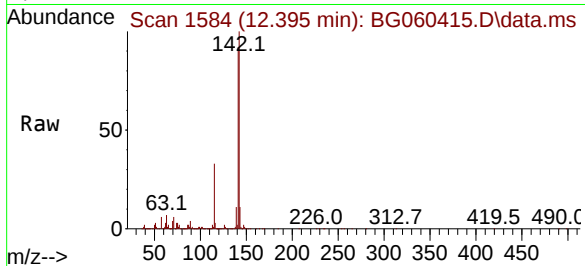
Tgt Ion:142 Resp: 1399093

Ion Ratio Lower Upper

142 100

141 92.3 71.0 106.4

115 32.9 24.7 37.1



#38

1-Methylnaphthalene

Concen: 36.949 ng

RT: 12.612 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

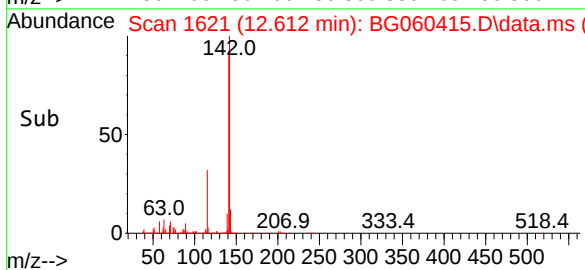
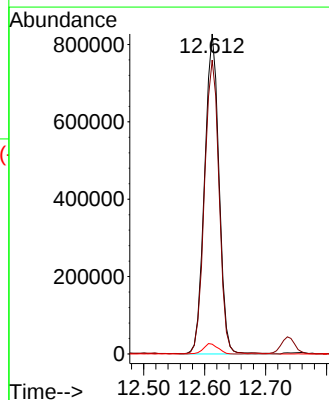
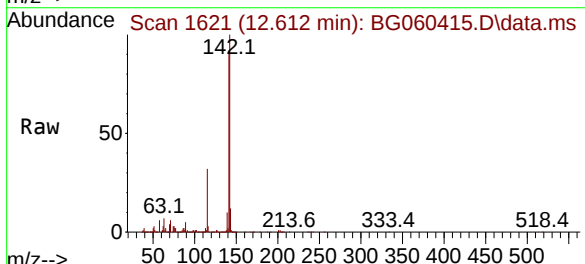
Tgt Ion:142 Resp: 1363813

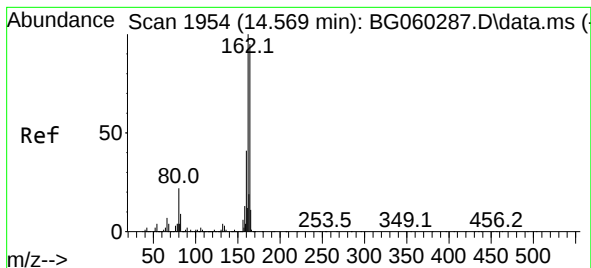
Ion Ratio Lower Upper

142 100

141 91.8 76.2 114.2

116 3.1 2.6 3.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1954

Delta R.T. -0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

PB158578BS

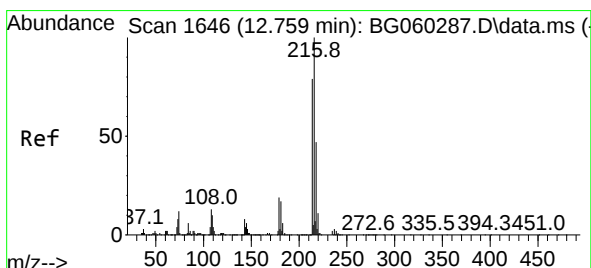
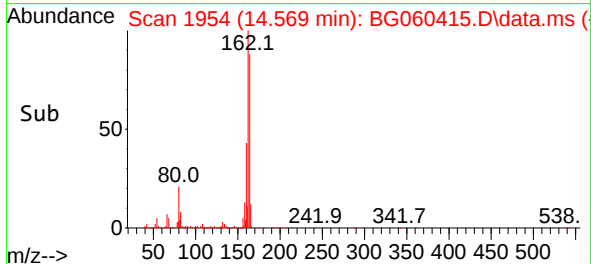
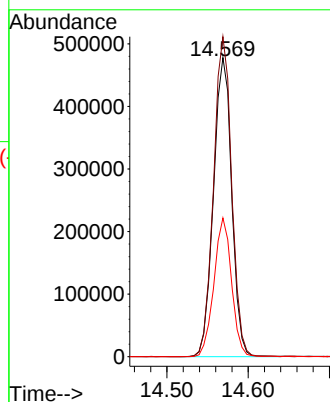
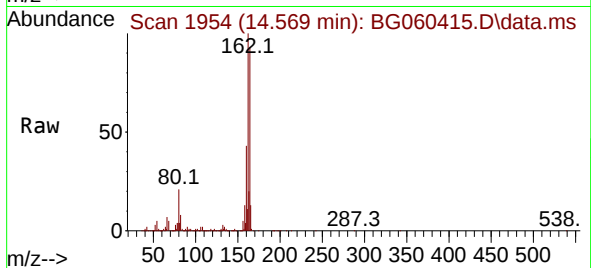
Tgt Ion:164 Resp: 742825

Ion Ratio Lower Upper

164 100

162 107.0 84.4 126.6

160 46.4 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.457 ng

RT: 12.759 min Scan# 1646

Delta R.T. -0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Tgt Ion:216 Resp: 961793

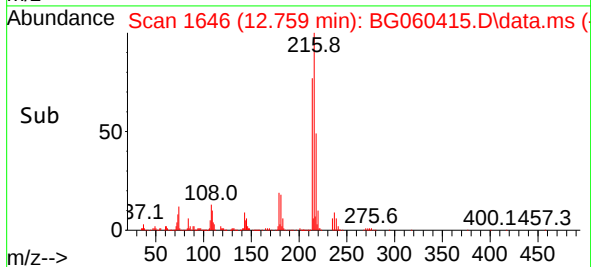
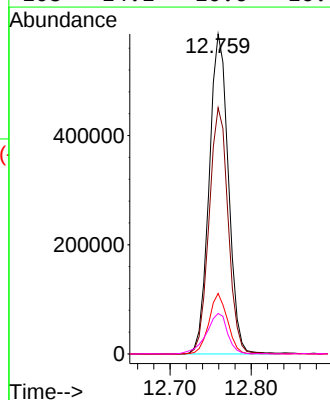
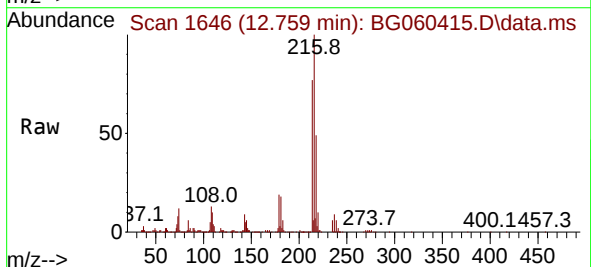
Ion Ratio Lower Upper

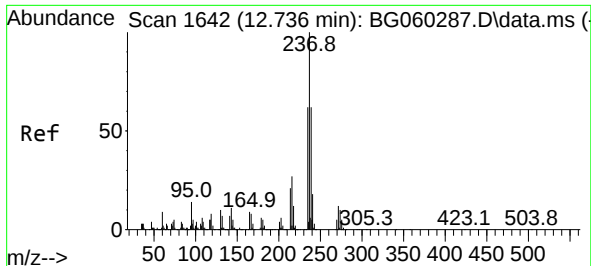
216 100

214 76.2 62.6 93.8

179 18.3 14.8 22.2

108 14.1 10.6 16.0

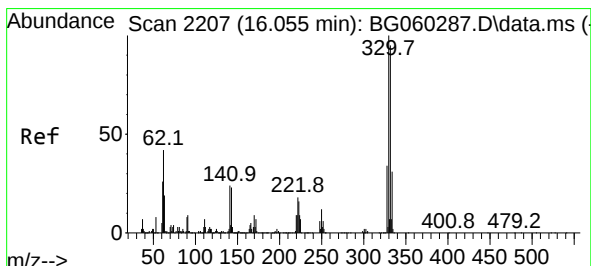
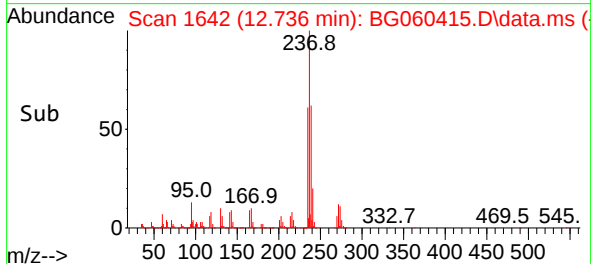
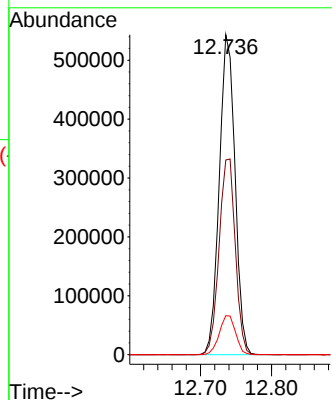
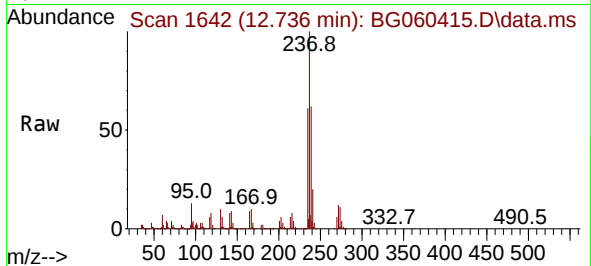




#41
Hexachlorocyclopentadiene
Concen: 94.956 ng
RT: 12.736 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

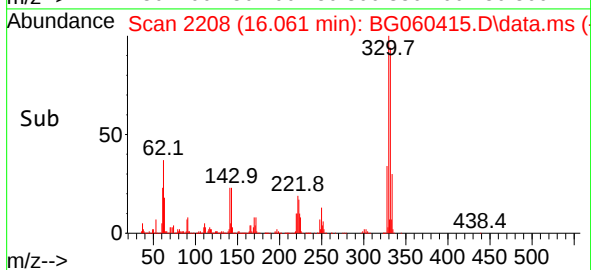
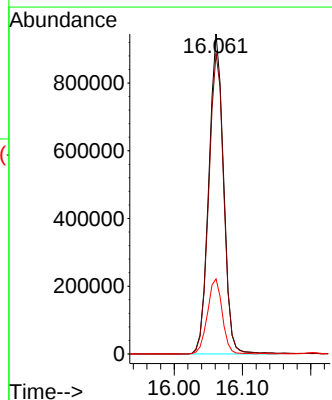
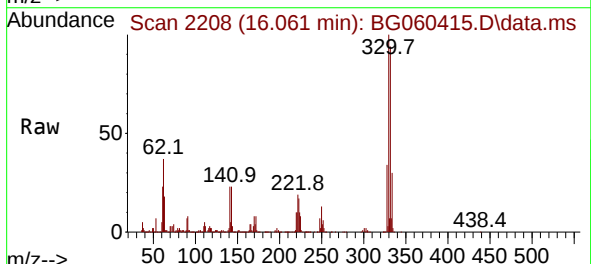
Instrument :
BNA_G
ClientSampleId :
PB158578BS

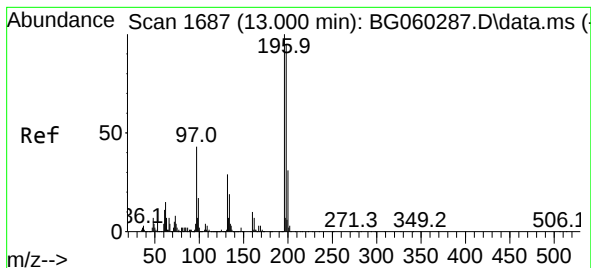
Tgt Ion:237 Resp: 831705
Ion Ratio Lower Upper
237 100
235 60.9 41.6 81.6
272 12.2 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 129.634 ng
RT: 16.061 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:330 Resp: 1416785
Ion Ratio Lower Upper
330 100
332 95.5 76.7 115.1
141 23.6 18.6 28.0





#43

2,4,6-Trichlorophenol

Concen: 42.167 ng

RT: 13.000 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

PB158578BS

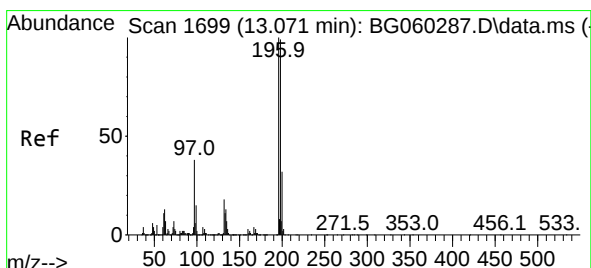
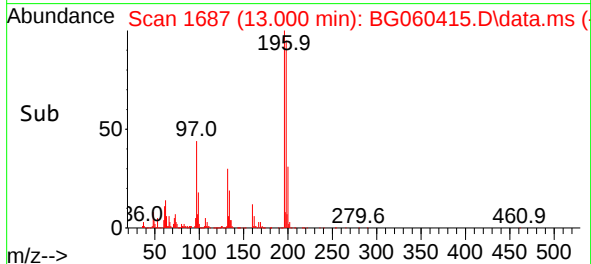
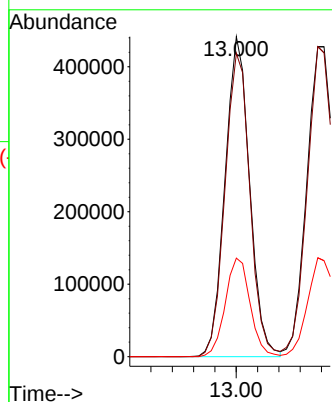
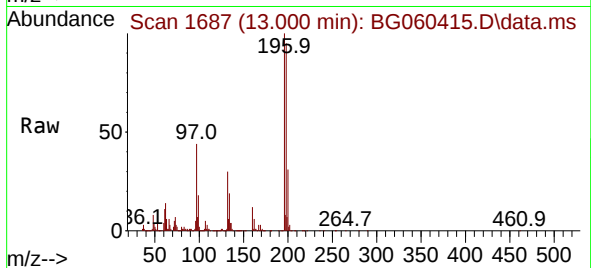
Tgt Ion:196 Resp: 707948

Ion Ratio Lower Upper

196 100

198 94.8 75.7 113.5

200 30.8 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 42.434 ng

RT: 13.076 min Scan# 1700

Delta R.T. 0.006 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Tgt Ion:196 Resp: 785786

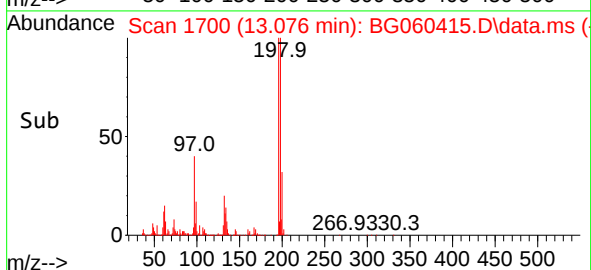
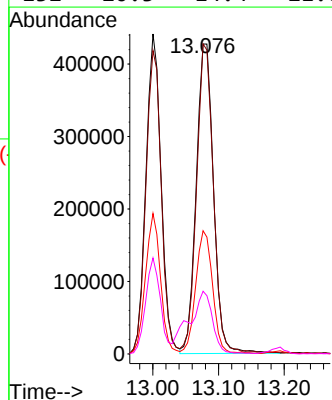
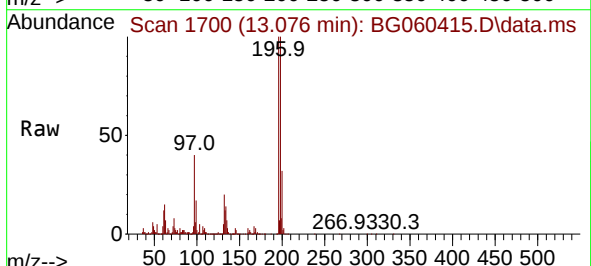
Ion Ratio Lower Upper

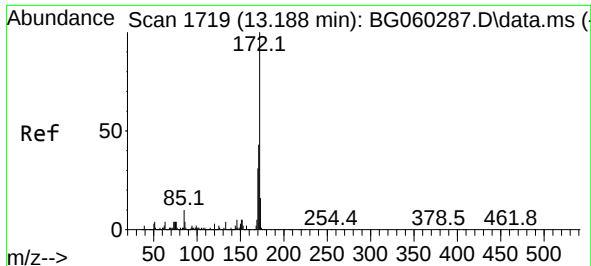
196 100

198 100.0 78.6 118.0

97 39.7 30.6 46.0

132 20.3 14.4 21.6

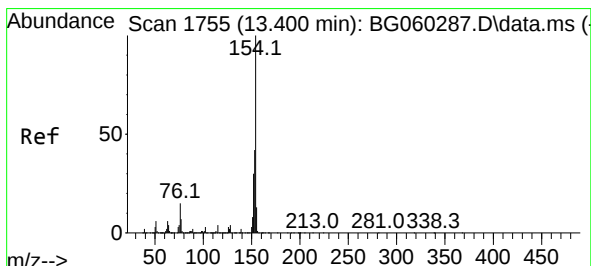
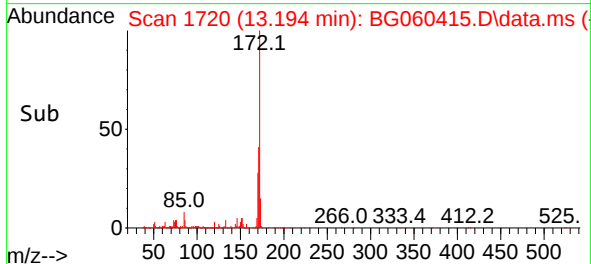
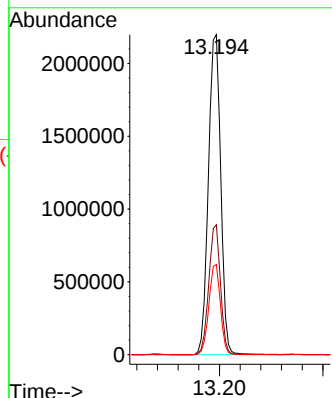
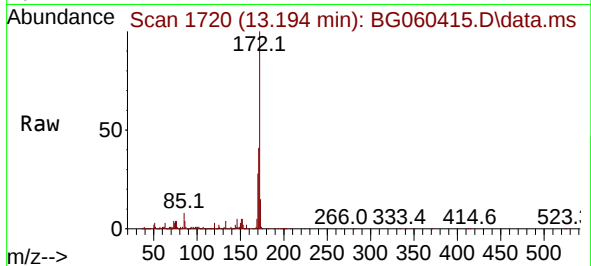




#45
2-Fluorobiphenyl
Concen: 68.044 ng
RT: 13.194 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

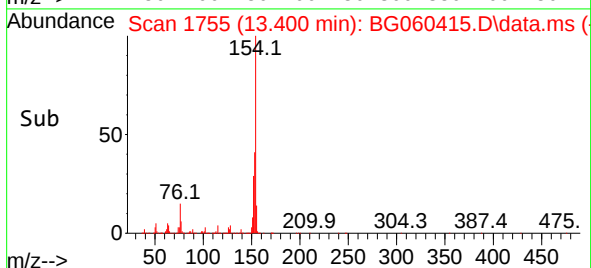
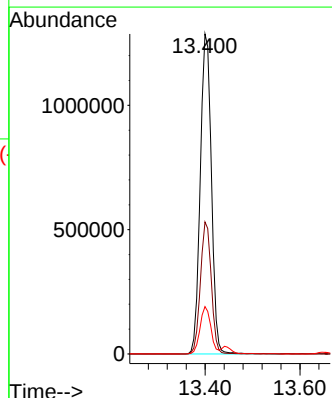
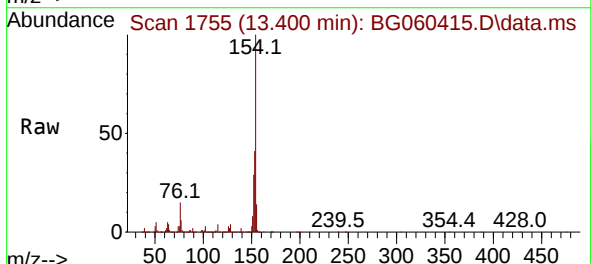
Instrument :
BNA_G
ClientSampleId :
PB158578BS

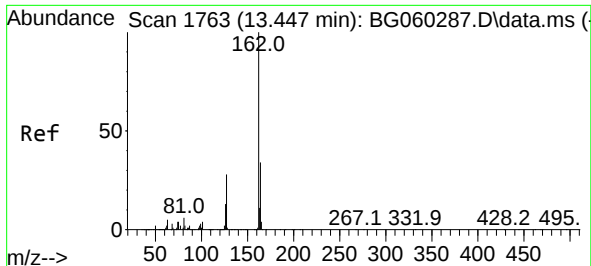
Tgt Ion:172 Resp: 3635477
Ion Ratio Lower Upper
172 100
171 40.6 34.6 51.8
170 28.1 24.4 36.6



#46
1,1'-Biphenyl
Concen: 37.311 ng
RT: 13.400 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:154 Resp: 2092057
Ion Ratio Lower Upper
154 100
153 41.2 22.0 62.0
76 14.8 0.0 35.2

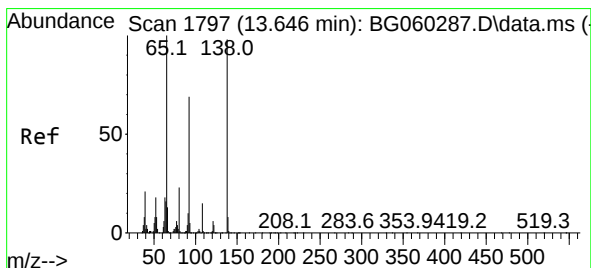
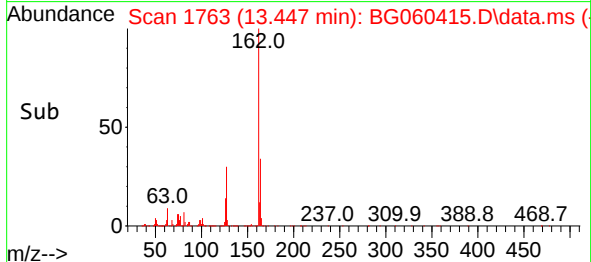
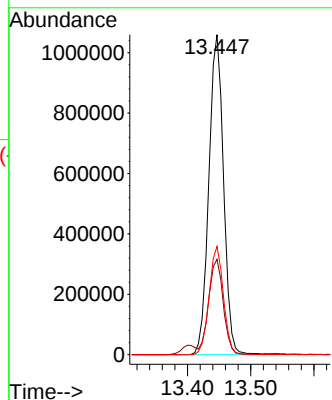
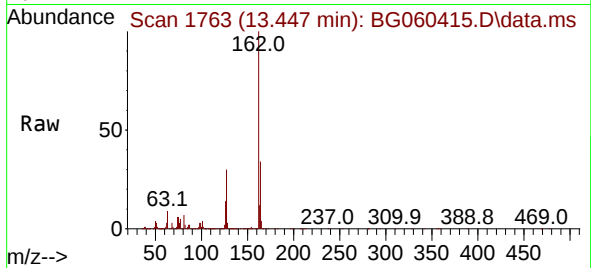




#47
2-Chloronaphthalene
Concen: 35.596 ng
RT: 13.447 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

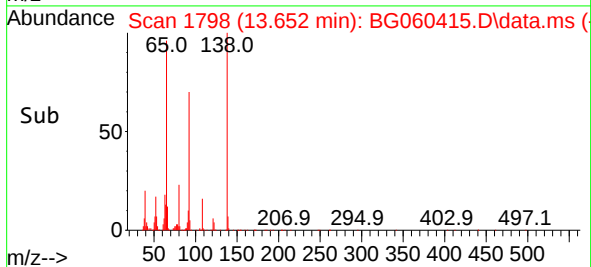
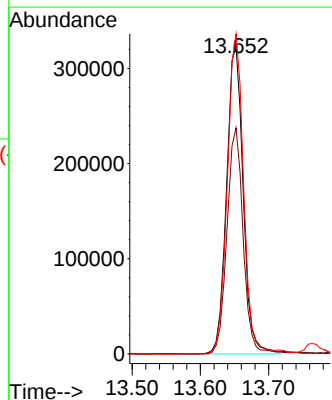
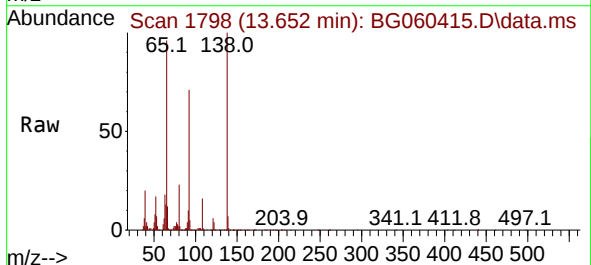
Instrument :
BNA_G
ClientSampleId :
PB158578BS

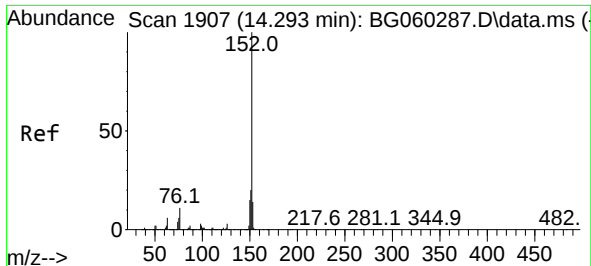
Tgt Ion:162 Resp: 1709878
Ion Ratio Lower Upper
162 100
127 29.8 23.5 35.3
164 33.9 26.9 40.3



#48
2-Nitroaniline
Concen: 45.697 ng
RT: 13.652 min Scan# 1798
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 65 Resp: 546663
Ion Ratio Lower Upper
65 100
92 73.5 55.0 82.6
138 104.0 78.1 117.1

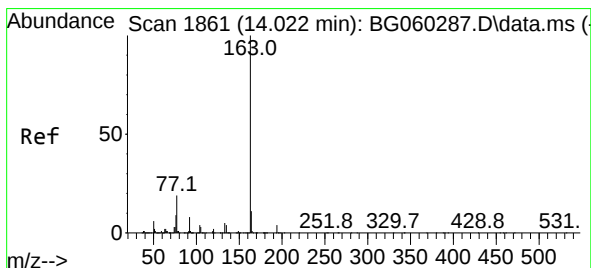
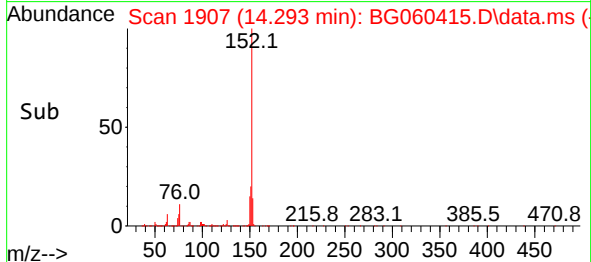
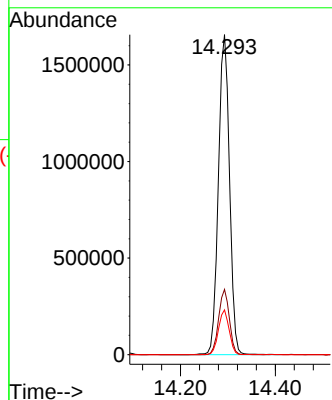
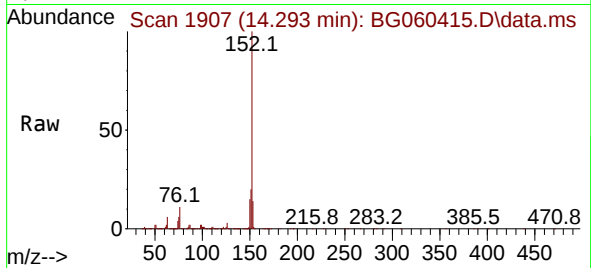




#49
Acenaphthylene
Concen: 40.651 ng
RT: 14.293 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

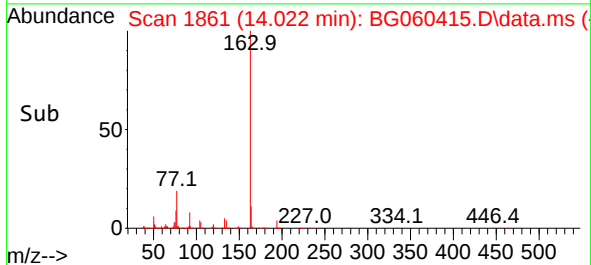
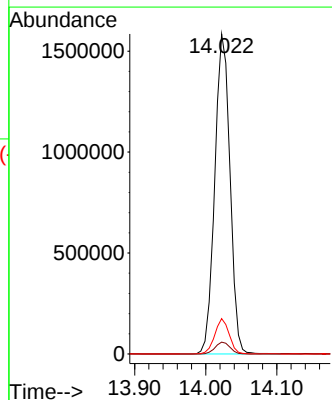
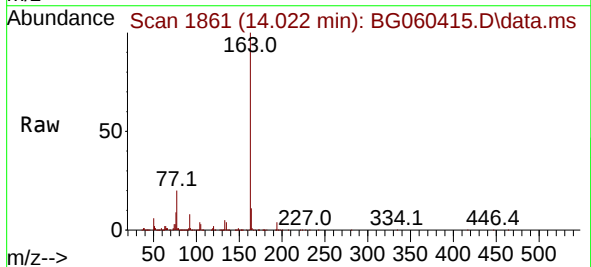
Instrument :
BNA_G
ClientSampleId :
PB158578BS

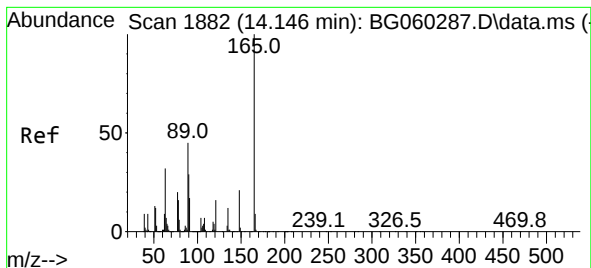
Tgt Ion:152 Resp: 2689000
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 14.0 11.5 17.3



#50
Dimethylphthalate
Concen: 41.528 ng
RT: 14.022 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:163 Resp: 2357328
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 11.1 8.8 13.2

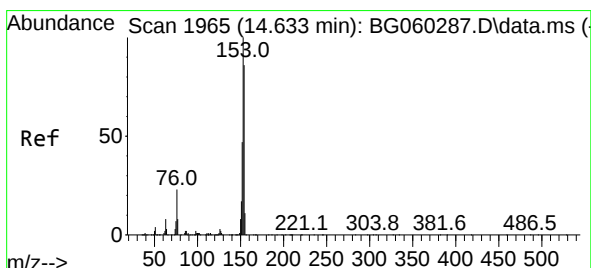
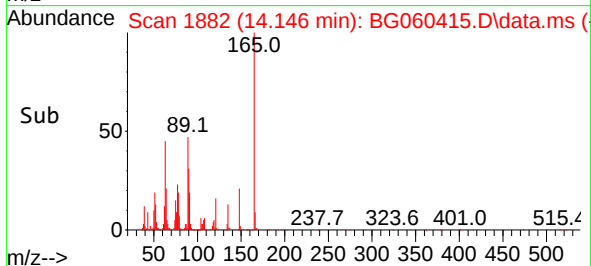
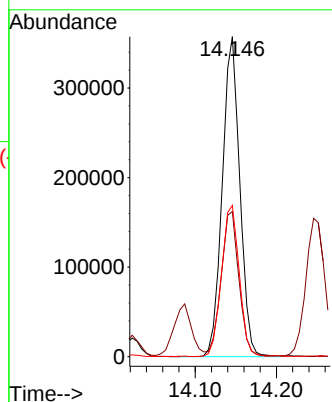
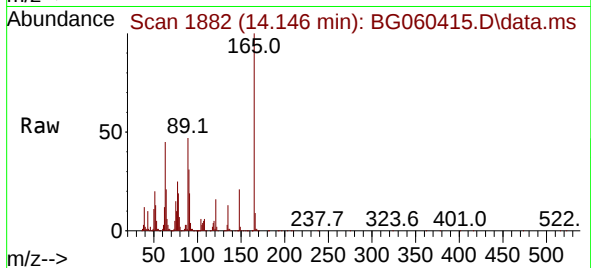




#51
2,6-Dinitrotoluene
Concen: 44.207 ng
RT: 14.146 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

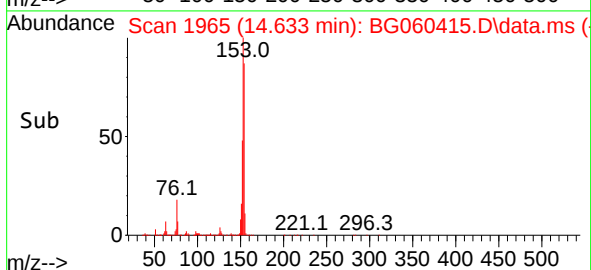
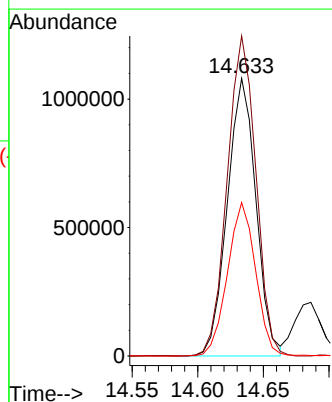
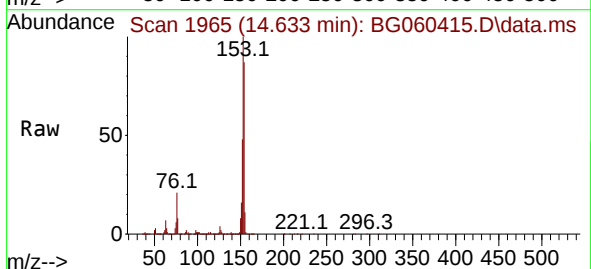
Instrument :
BNA_G
ClientSampleId :
PB158578BS

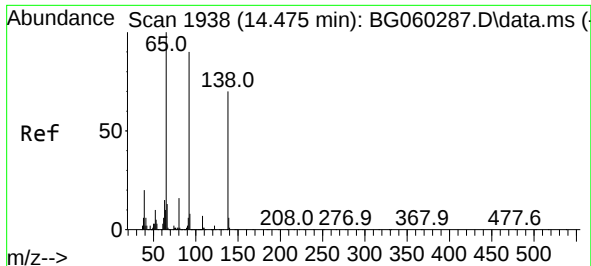
Tgt Ion:165 Resp: 535466
Ion Ratio Lower Upper
165 100
63 45.3 35.0 52.4
89 47.2 36.2 54.2



#52
Acenaphthene
Concen: 39.805 ng
RT: 14.633 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:154 Resp: 1639521
Ion Ratio Lower Upper
154 100
153 115.3 92.6 138.8
152 55.3 43.8 65.8

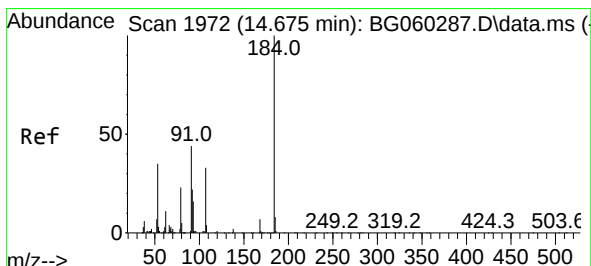
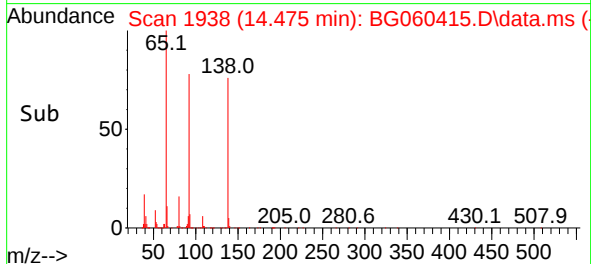
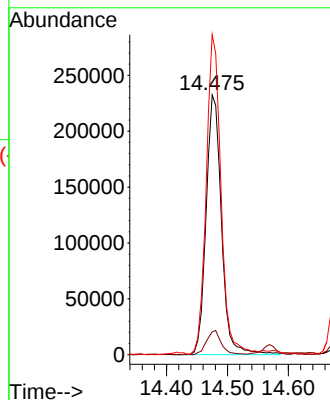
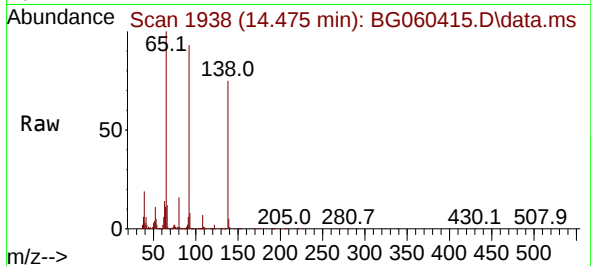




#53
3-Nitroaniline
Concen: 36.852 ng
RT: 14.475 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

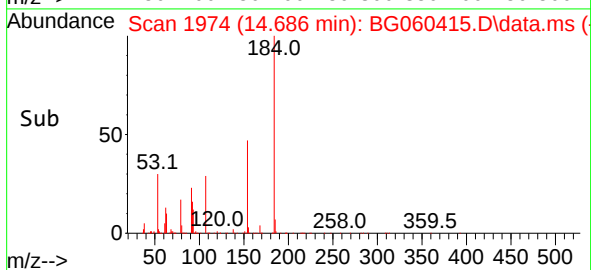
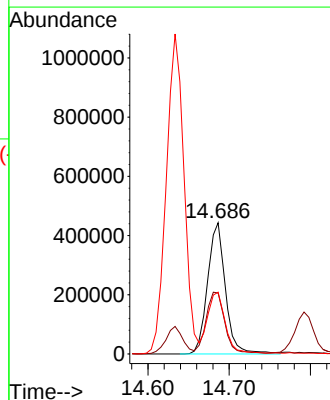
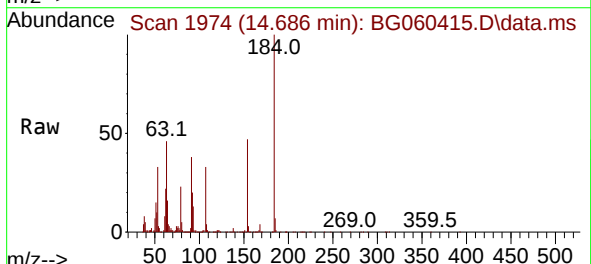
Instrument :
BNA_G
ClientSampleId :
PB158578BS

Tgt Ion:138 Resp: 406736
Ion Ratio Lower Upper
138 100
108 8.8 7.8 11.8
92 123.2 102.4 153.6



#54
2,4-Dinitrophenol
Concen: 90.947 ng
RT: 14.686 min Scan# 1974
Delta R.T. 0.011 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:184 Resp: 677587
Ion Ratio Lower Upper
184 100
63 46.4 41.0 61.4
154 47.1 39.2 58.8

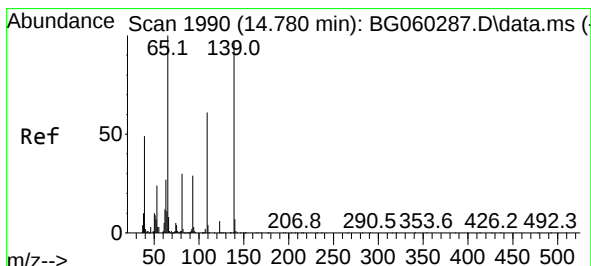
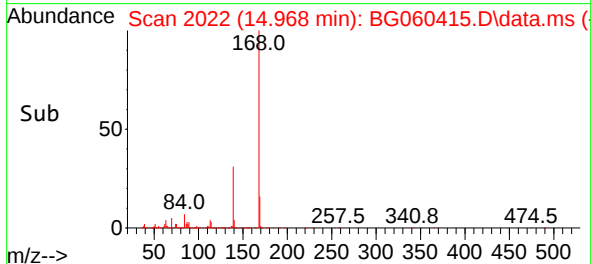
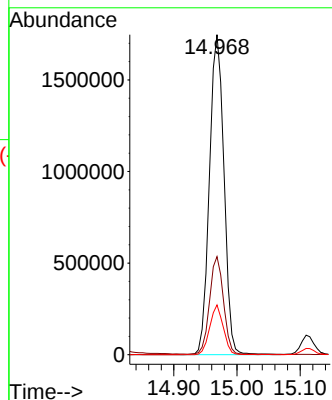
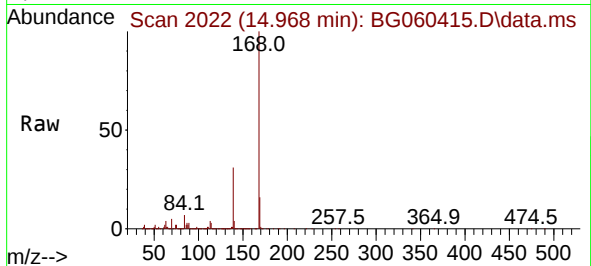




#55
Dibenzenofuran
Concen: 40.646 ng
RT: 14.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

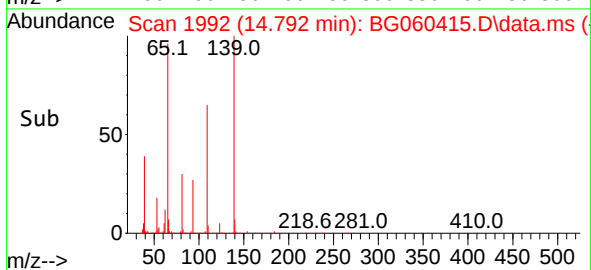
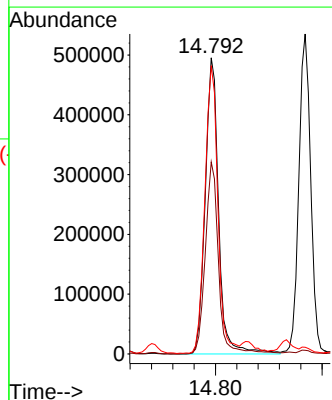
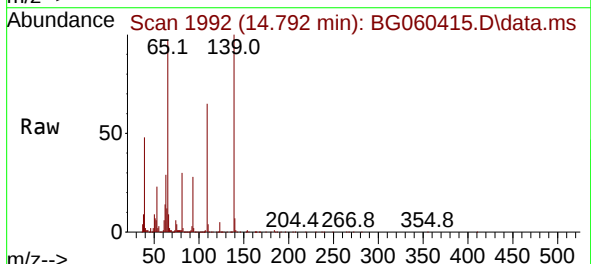
Instrument :
BNA_G
ClientSampleId :
PB158578BS

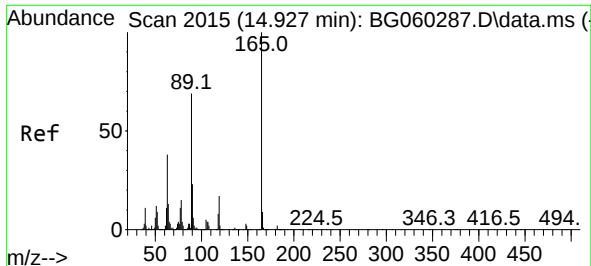
Tgt Ion:168 Resp: 2794770
Ion Ratio Lower Upper
168 100
139 30.6 22.6 34.0
169 15.5 12.1 18.1



#56
4-Nitrophenol
Concen: 105.373 ng
RT: 14.792 min Scan# 1992
Delta R.T. 0.012 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

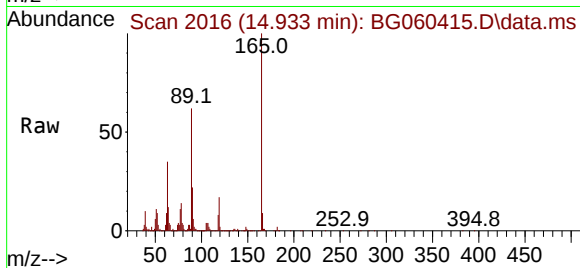
Tgt Ion:139 Resp: 862639
Ion Ratio Lower Upper
139 100
109 64.8 42.2 82.2
65 97.4 83.3 123.3



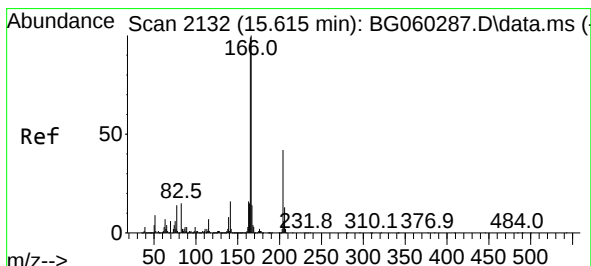
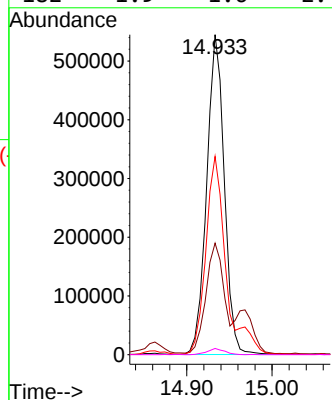
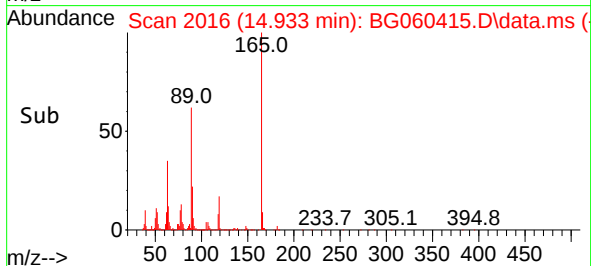


#57
2,4-Dinitrotoluene
Concen: 47.109 ng
RT: 14.933 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

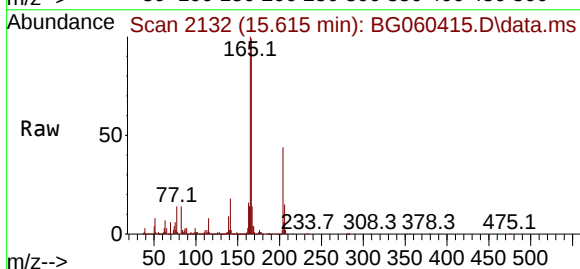
Instrument :
BNA_G
ClientSampleId :
PB158578BS



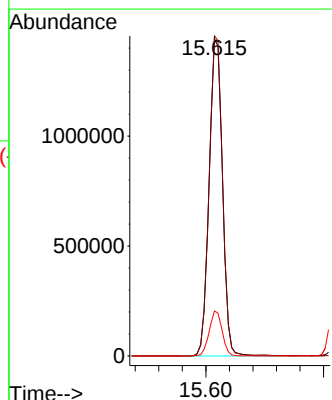
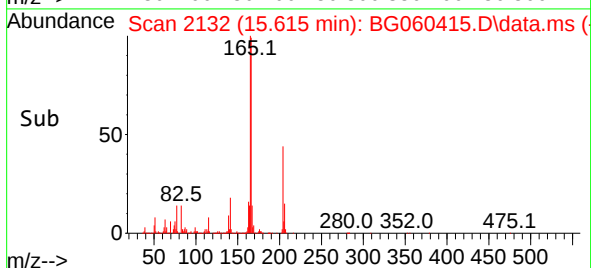
Tgt Ion:165 Resp: 782479
Ion Ratio Lower Upper
165 100
63 34.9 30.4 45.6
89 61.9 55.4 83.0
182 1.9 1.6 2.4

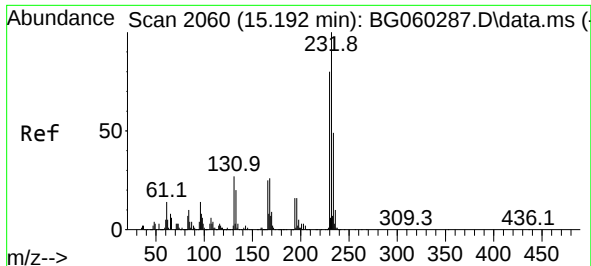


#58
Fluorene
Concen: 39.927 ng
RT: 15.615 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50



Tgt Ion:166 Resp: 2273453
Ion Ratio Lower Upper
166 100
165 100.8 79.0 118.6
167 14.2 11.4 17.0

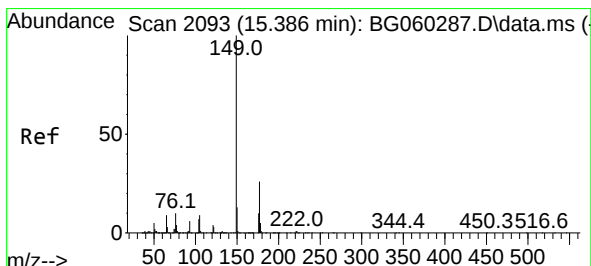
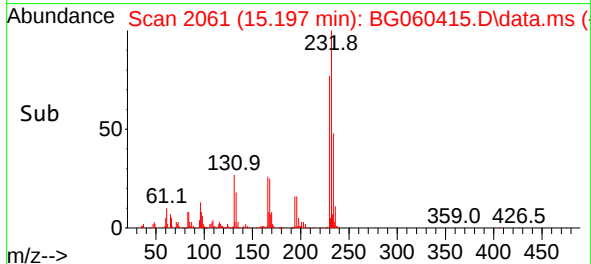
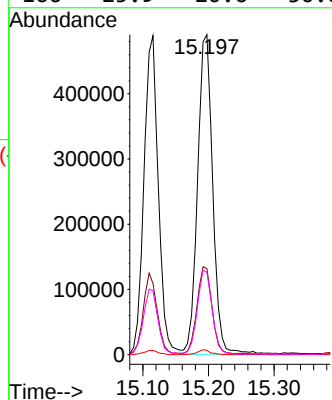
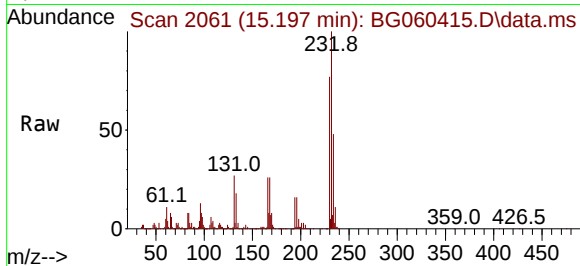




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.093 ng
RT: 15.197 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

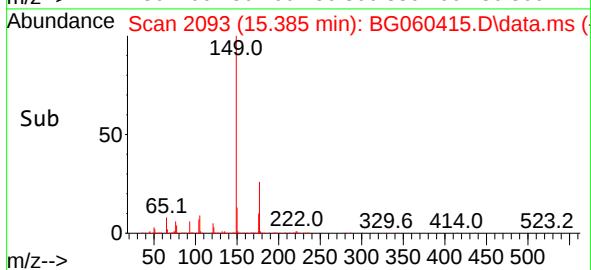
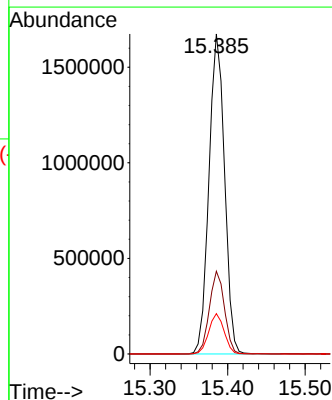
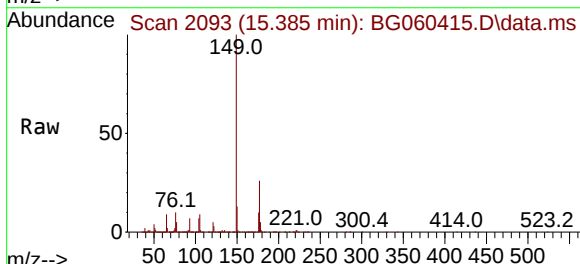
Instrument :
BNA_G
ClientSampleId :
PB158578BS

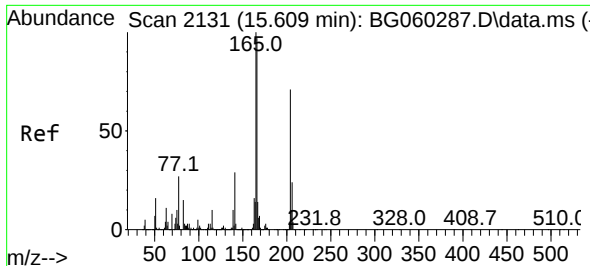
Tgt Ion:232 Resp: 787700
Ion Ratio Lower Upper
232 100
131 27.5 22.7 34.1
130 1.3 1.1 1.7
166 25.9 20.6 30.8



#60
Diethylphthalate
Concen: 42.867 ng
RT: 15.385 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:149 Resp: 2336086
Ion Ratio Lower Upper
149 100
177 25.8 20.9 31.3
150 12.6 10.2 15.2

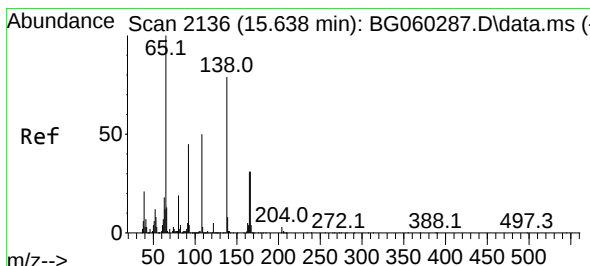
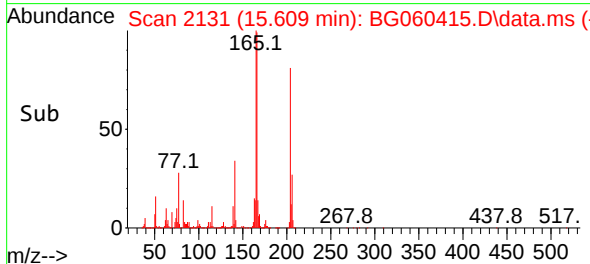
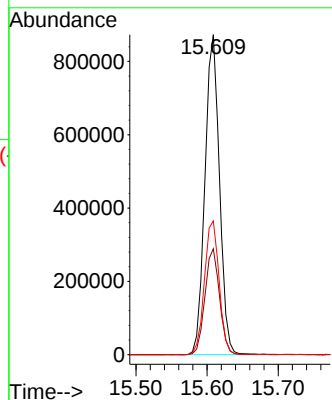
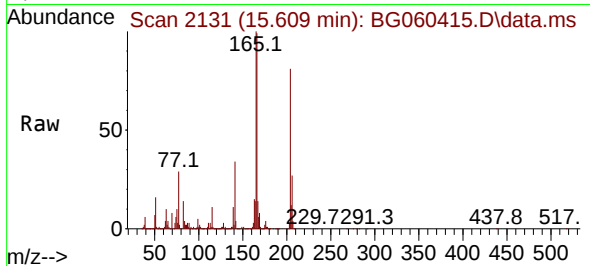




#61
4-Chlorophenyl-phenylether
Concen: 39.640 ng
RT: 15.609 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

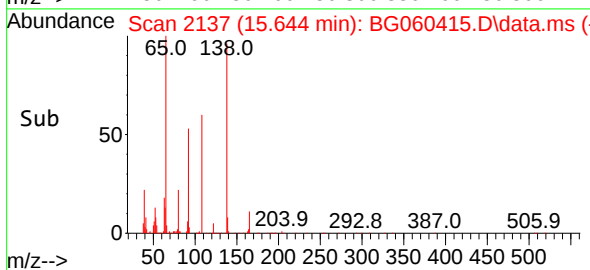
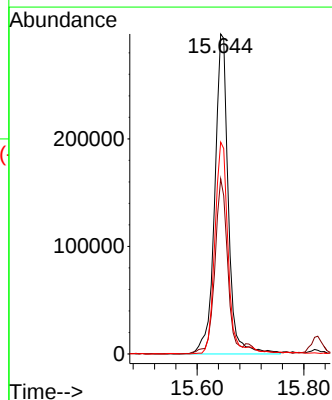
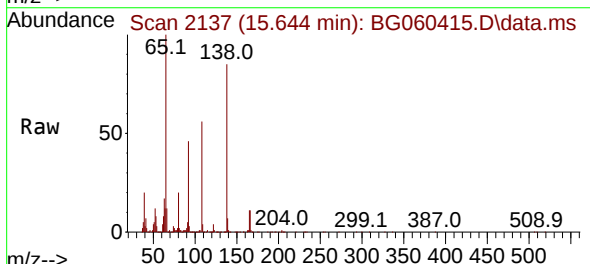
Instrument :
BNA_G
ClientSampleId :
PB158578BS

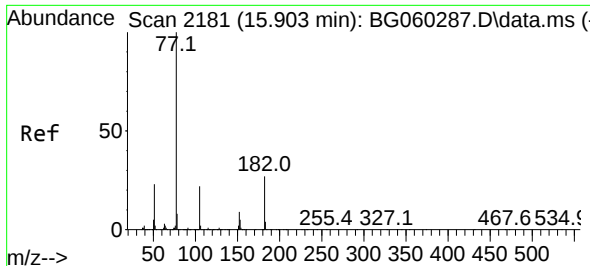
Tgt Ion:204 Resp: 1243403
Ion Ratio Lower Upper
204 100
206 33.1 27.1 40.7
141 41.8 32.2 48.2



#62
4-Nitroaniline
Concen: 44.801 ng
RT: 15.644 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:138 Resp: 526264
Ion Ratio Lower Upper
138 100
92 54.7 37.0 77.0
108 66.2 43.1 83.1



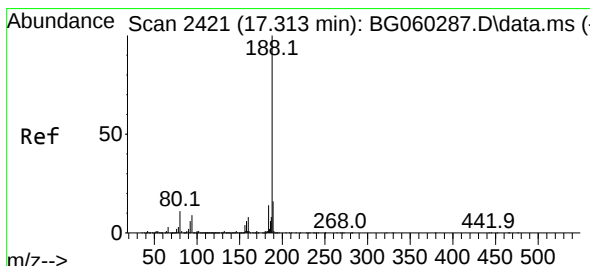
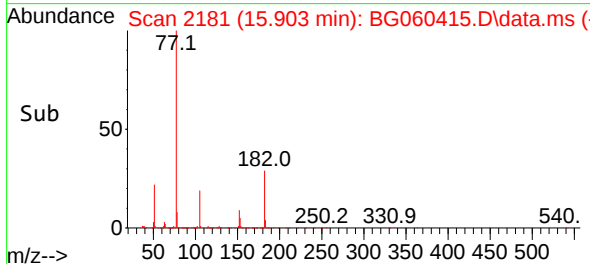
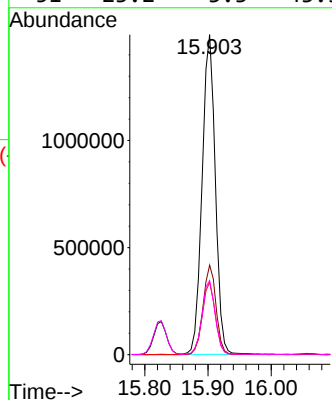
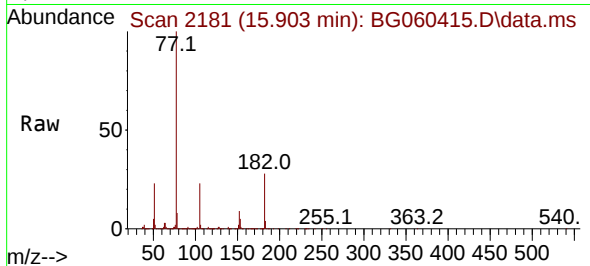


#63
Azobenzene
Concen: 39.228 ng
RT: 15.903 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Instrument :
BNA_G
ClientSampleId :
PB158578BS

Tgt Ion: 77 Resp: 2162223

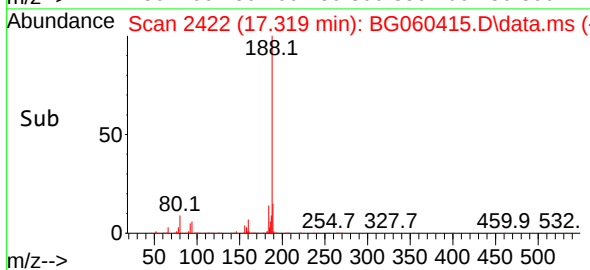
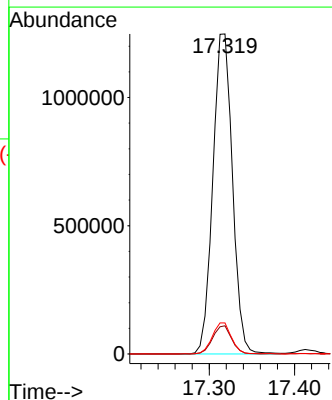
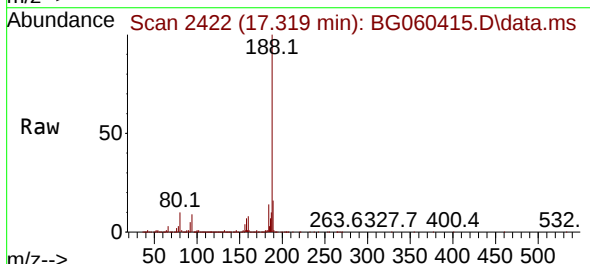
Ion	Ratio	Lower	Upper
77	100		
182	28.0	6.5	46.5
105	22.6	1.8	41.8
51	23.2	3.3	43.3

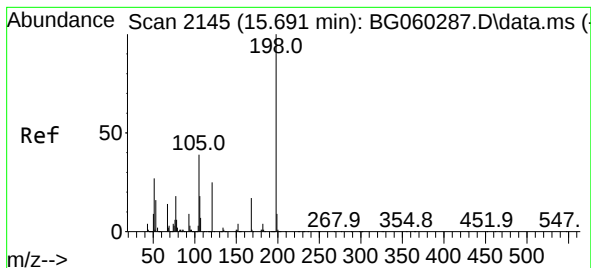


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion: 188 Resp: 1990625

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	9.7	8.5	12.7

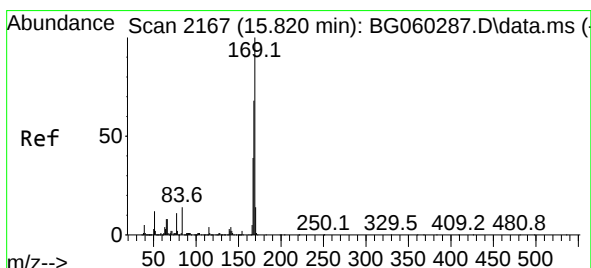
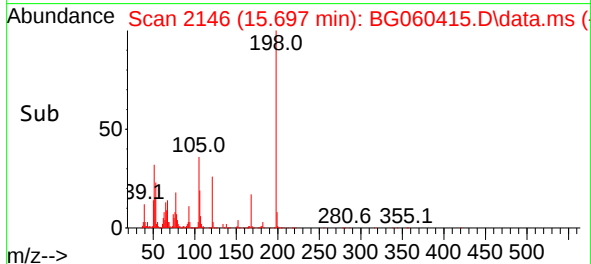
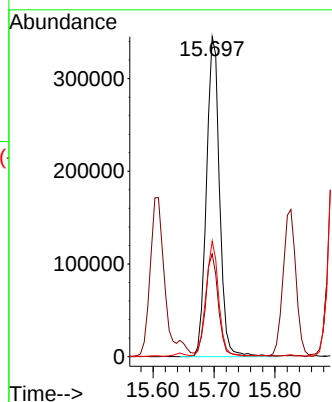
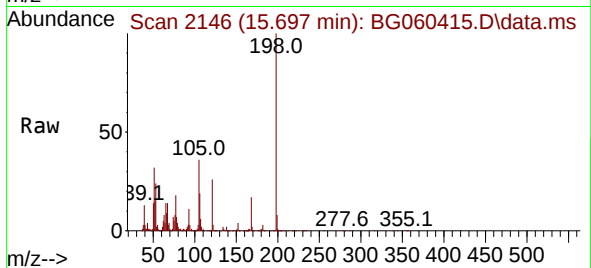




#65
4,6-Dinitro-2-methylphenol
Concen: 46.906 ng
RT: 15.697 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

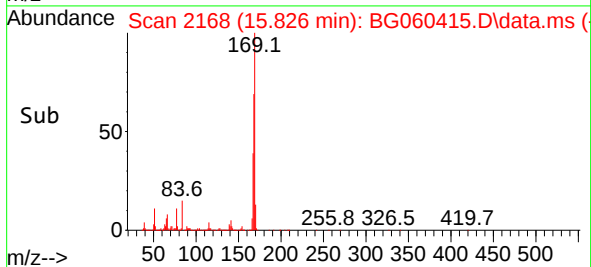
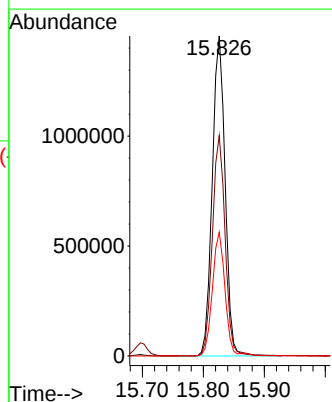
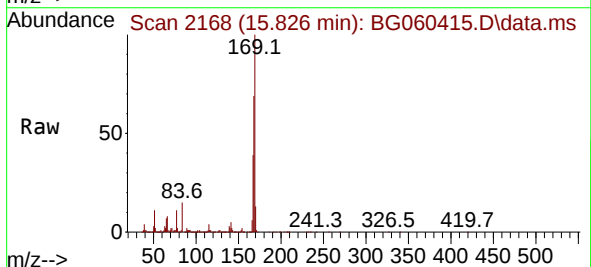
Instrument :
BNA_G
ClientSampleId :
PB158578BS

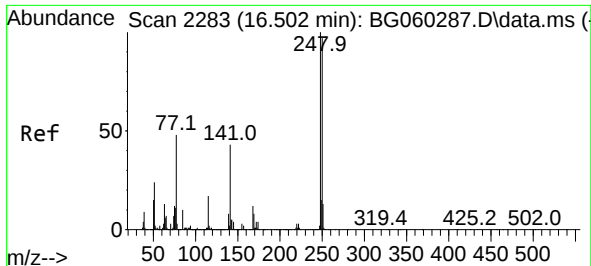
Tgt Ion:198 Resp: 516556
Ion Ratio Lower Upper
198 100
51 32.1 11.8 51.8
105 36.2 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 40.393 ng
RT: 15.826 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:169 Resp: 2135005
Ion Ratio Lower Upper
169 100
168 68.8 54.4 81.6
167 38.7 31.2 46.8

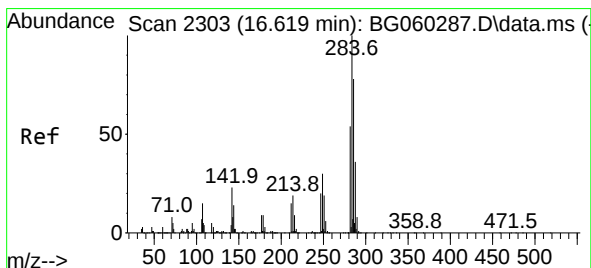
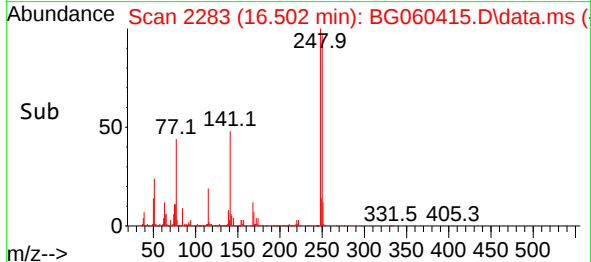
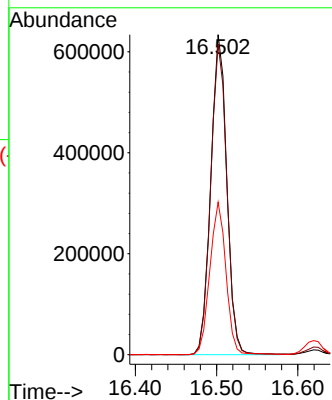
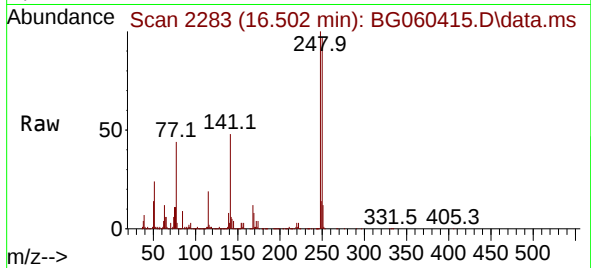




#67
4-Bromophenyl-phenylether
Concen: 39.770 ng
RT: 16.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

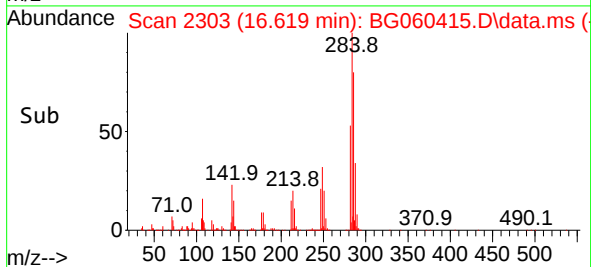
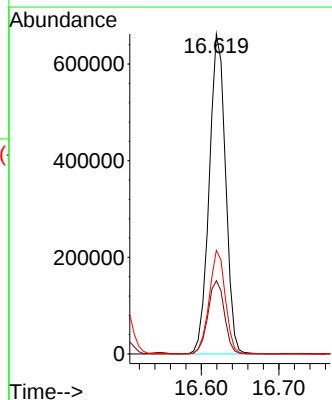
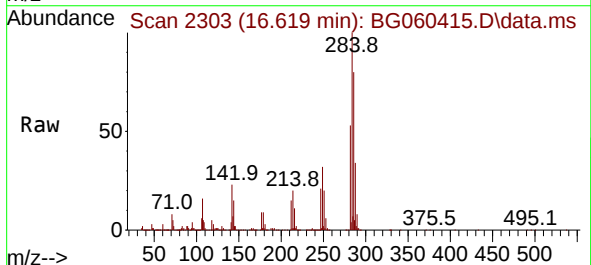
Instrument :
BNA_G
ClientSampleId :
PB158578BS

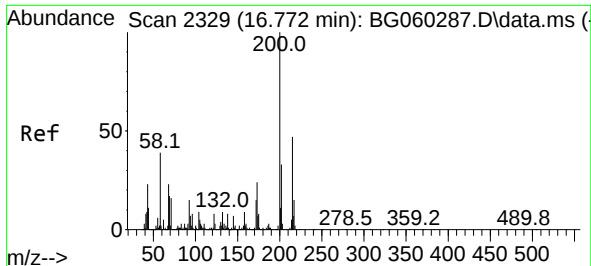
Tgt Ion:248 Resp: 869891
Ion Ratio Lower Upper
248 100
250 97.1 77.6 116.4
141 47.6 34.2 51.4



#68
Hexachlorobenzene
Concen: 37.374 ng
RT: 16.619 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:284 Resp: 967659
Ion Ratio Lower Upper
284 100
142 22.9 18.2 27.4
249 32.4 24.3 36.5

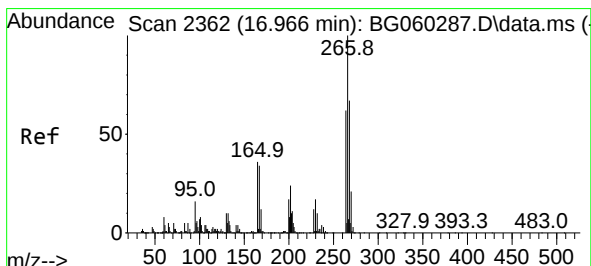
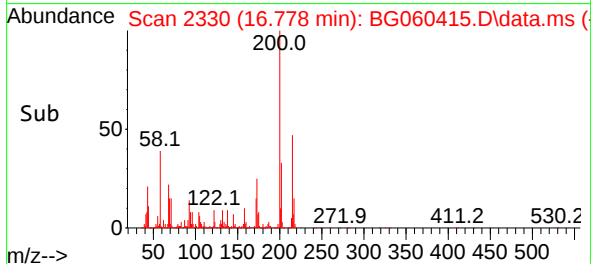
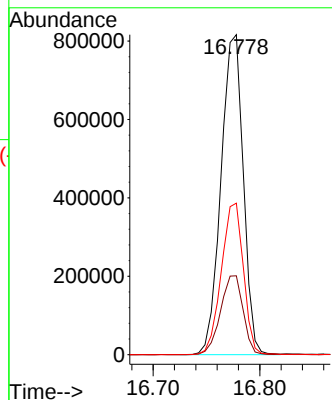
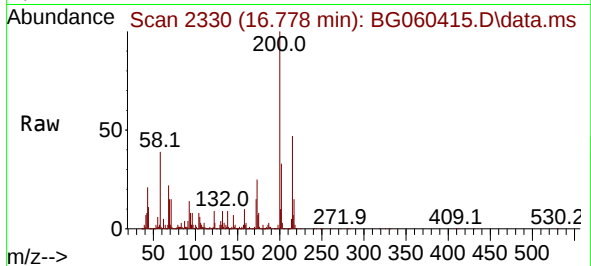




#69
 Atrazine
 Concen: 59.393 ng
 RT: 16.778 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG060415.D
 Acq: 24 Jan 2024 14:50

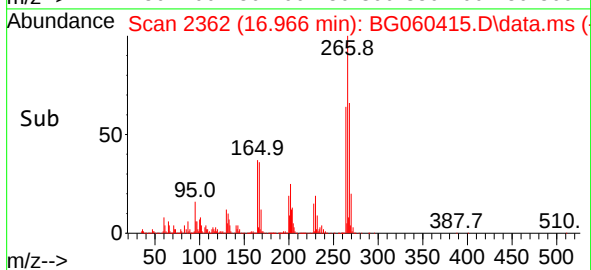
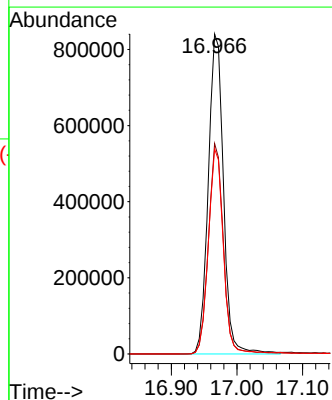
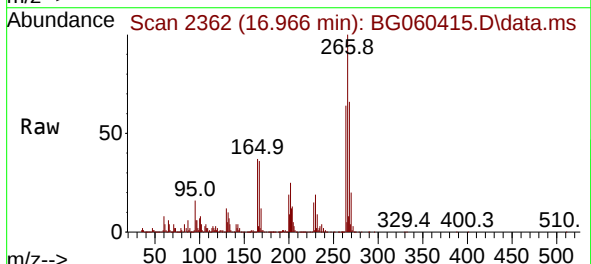
Instrument :
 BNA_G
 ClientSampleId :
 PB158578BS

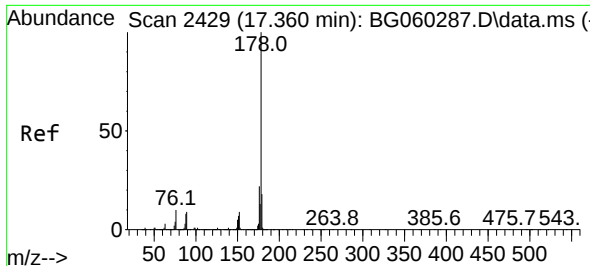
Tgt Ion:200 Resp: 1183739
 Ion Ratio Lower Upper
 200 100
 173 24.7 4.1 44.1
 215 47.3 27.4 67.4



#70
 Pentachlorophenol
 Concen: 97.133 ng
 RT: 16.966 min Scan# 2362
 Delta R.T. -0.000 min
 Lab File: BG060415.D
 Acq: 24 Jan 2024 14:50

Tgt Ion:266 Resp: 1355577
 Ion Ratio Lower Upper
 266 100
 268 65.7 57.4 86.2
 264 64.1 49.8 74.8

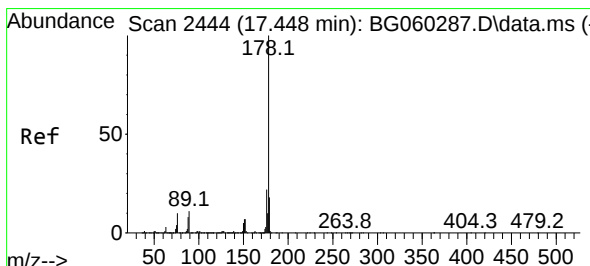
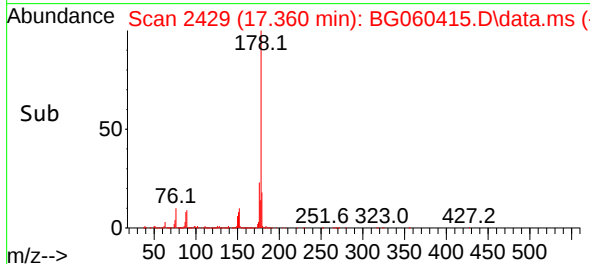
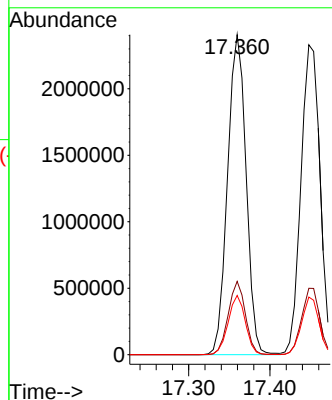
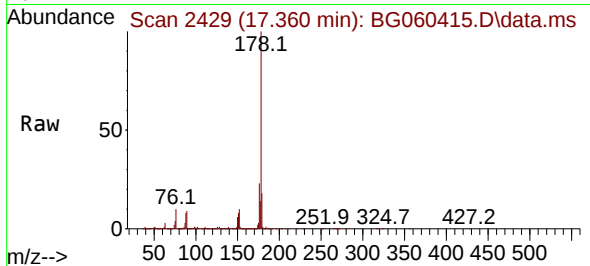




#71
Phenanthrene
Concen: 39.644 ng
RT: 17.360 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

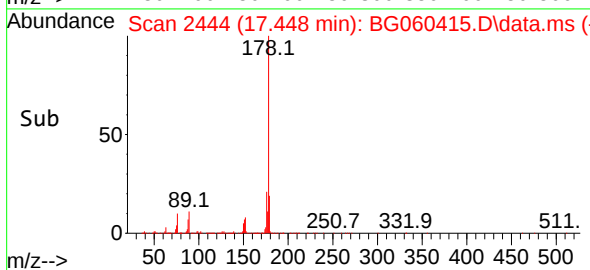
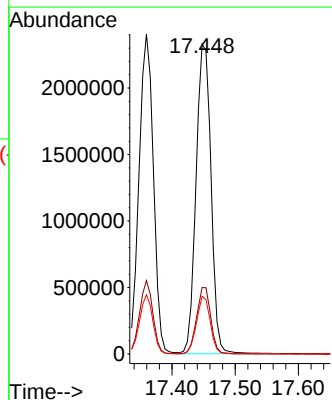
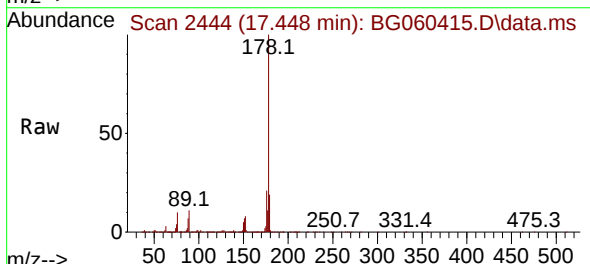
Instrument :
BNA_G
ClientSampleId :
PB158578BS

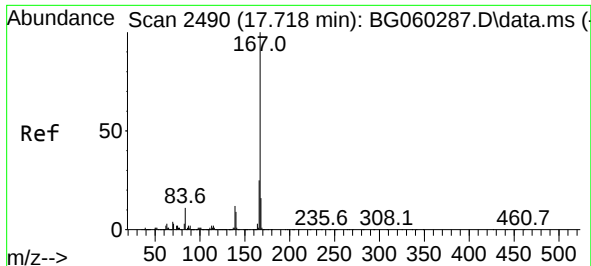
Tgt Ion:178 Resp: 3814504
Ion Ratio Lower Upper
178 100
176 22.9 17.4 26.2
179 18.5 14.7 22.1



#72
Anthracene
Concen: 39.835 ng
RT: 17.448 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:178 Resp: 3826650
Ion Ratio Lower Upper
178 100
176 21.4 17.8 26.6
179 18.6 14.1 21.1



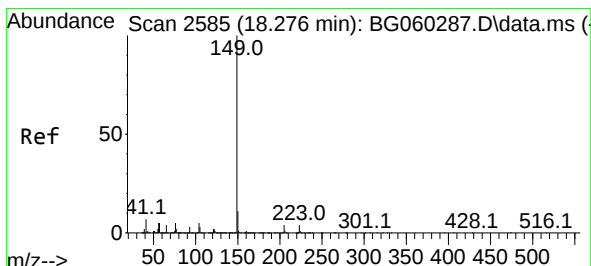
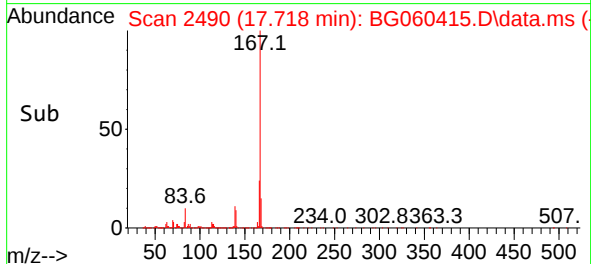
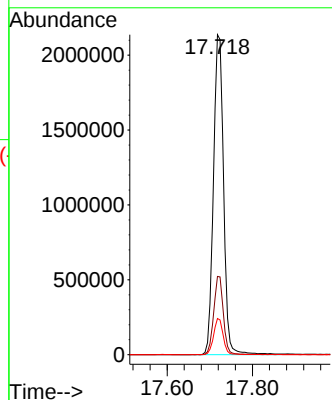
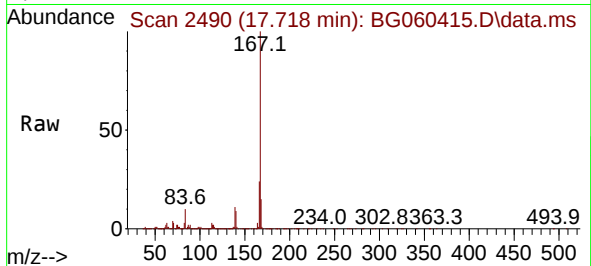


#73
 Carbazole
 Concen: 38.901 ng
 RT: 17.718 min Scan# 2490
 Delta R.T. -0.000 min
 Lab File: BG060415.D
 Acq: 24 Jan 2024 14:50

Instrument :
 BNA_G
 ClientSampleId :
 PB158578BS

Tgt Ion:167 Resp: 3523066

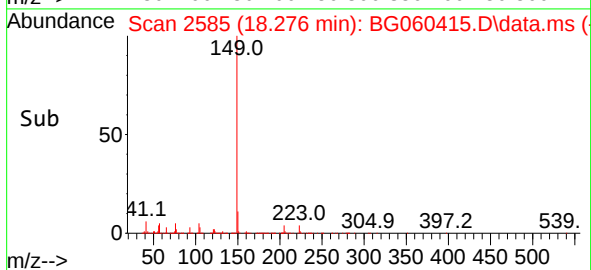
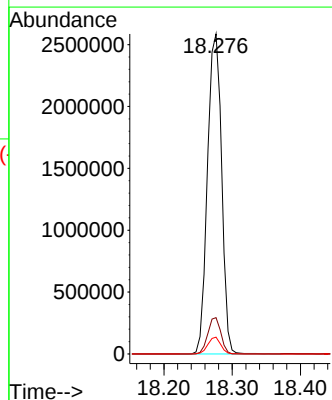
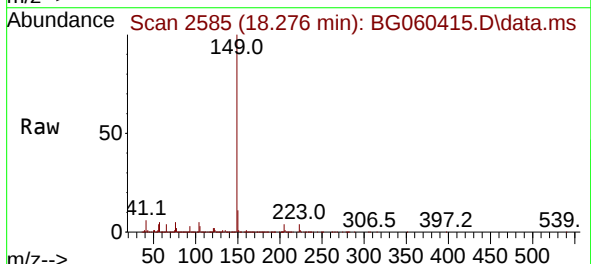
Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.8	29.8
139	11.3	9.3	13.9

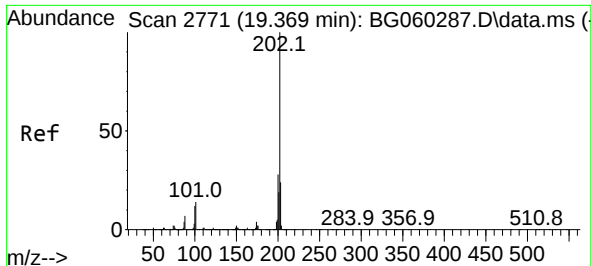


#74
 Di-n-butylphthalate
 Concen: 39.982 ng
 RT: 18.276 min Scan# 2585
 Delta R.T. -0.000 min
 Lab File: BG060415.D
 Acq: 24 Jan 2024 14:50

Tgt Ion:149 Resp: 3725708

Ion	Ratio	Lower	Upper
149	100		
150	11.4	9.1	13.7
104	5.3	4.3	6.5

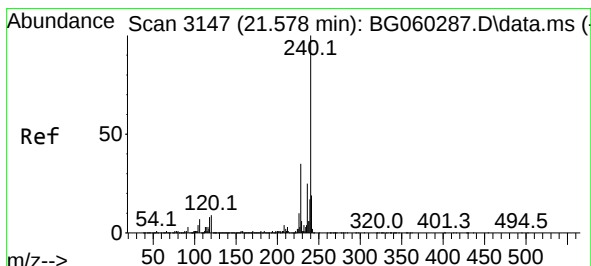
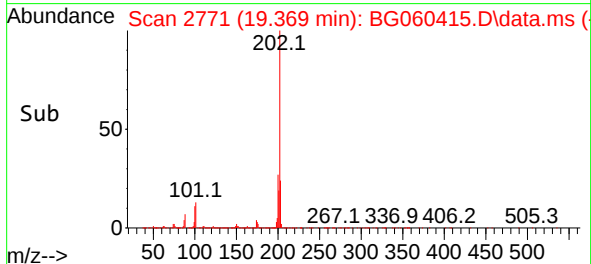
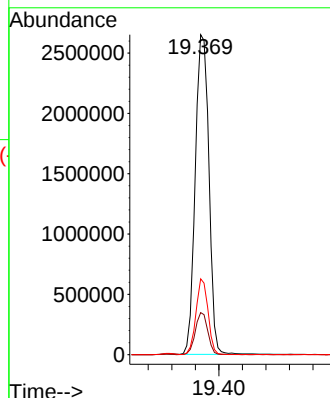
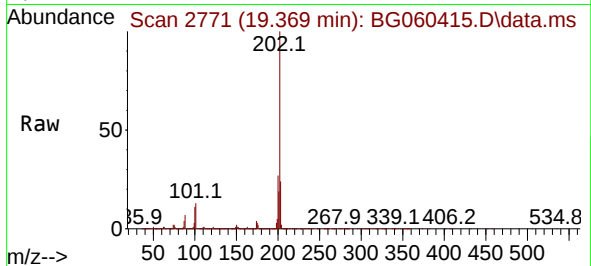




#75
Fluoranthene
Concen: 36.918 ng
RT: 19.369 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

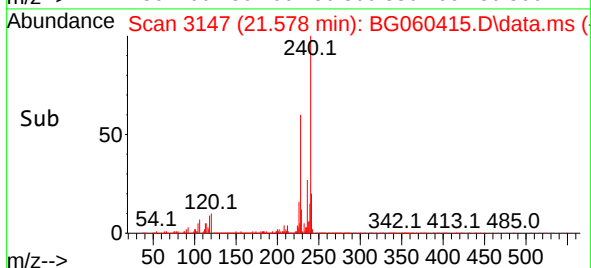
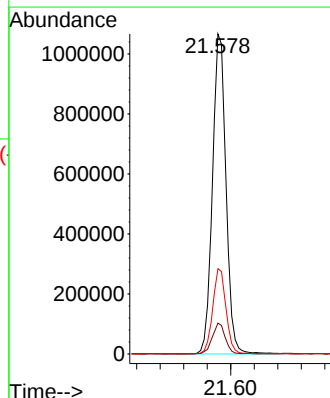
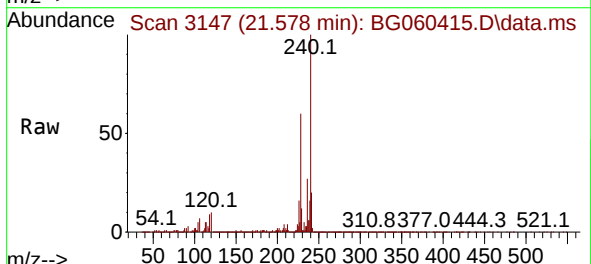
Instrument :
BNA_G
ClientSampleId :
PB158578BS

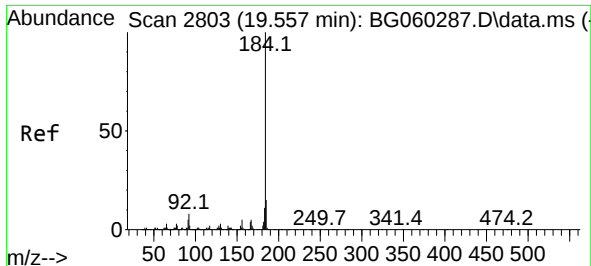
Tgt Ion:202 Resp: 4266473
Ion Ratio Lower Upper
202 100
101 13.1 0.0 34.4
203 23.7 4.0 44.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:240 Resp: 1699962
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.7 20.3 30.5

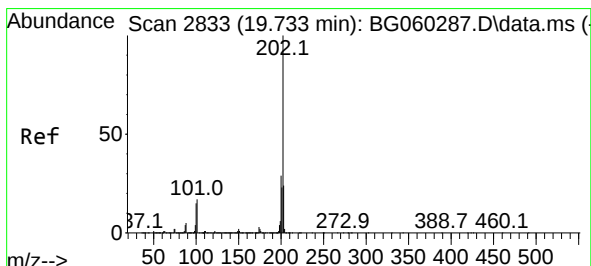
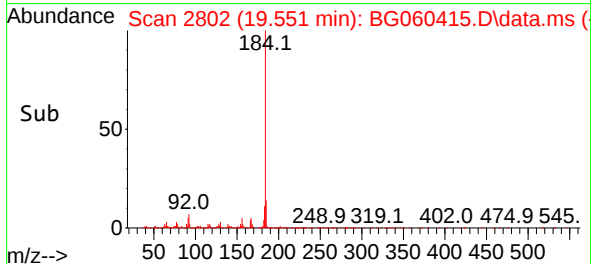
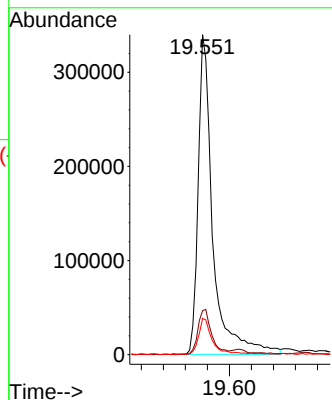
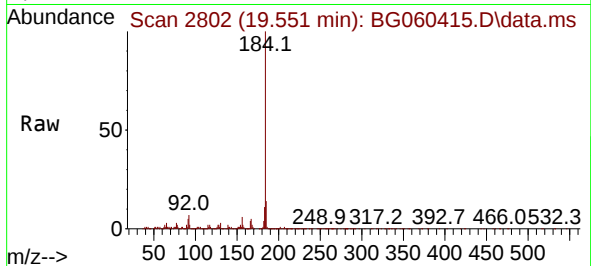




#77
Benzidine
Concen: 16.997 ng
RT: 19.551 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

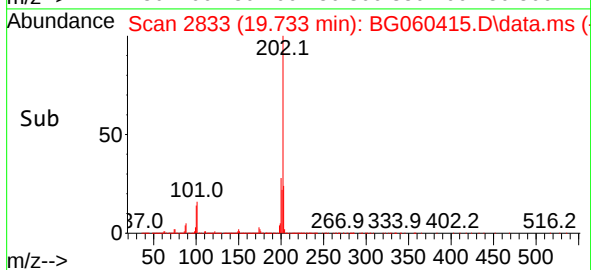
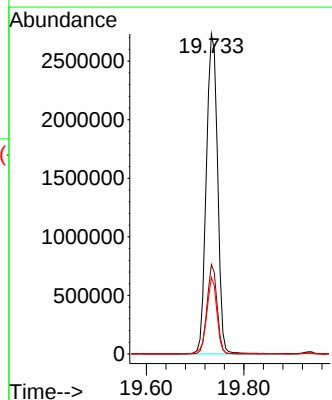
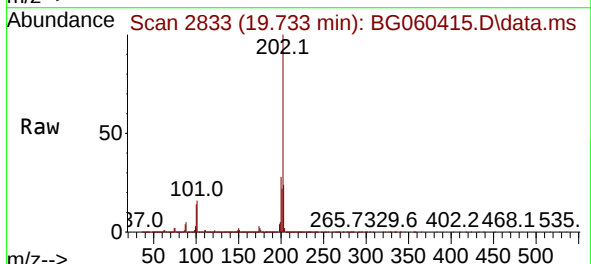
Instrument :
BNA_G
ClientSampleId :
PB158578BS

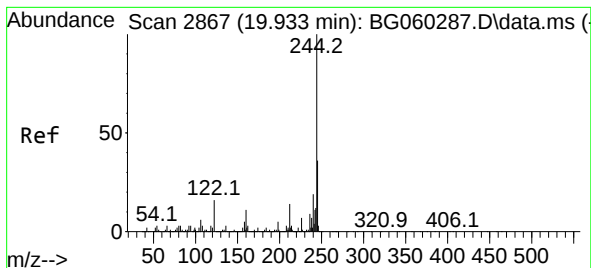
Tgt Ion:184 Resp: 627745
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.4
183 11.3 9.0 13.4



#78
Pyrene
Concen: 40.196 ng
RT: 19.733 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:202 Resp: 4363589
Ion Ratio Lower Upper
202 100
200 27.9 23.5 35.3
203 23.9 19.6 29.4





#79

Terphenyl-d14

Concen: 80.224 ng

RT: 19.933 min Scan# 2867

Delta R.T. 0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

PB158578BS

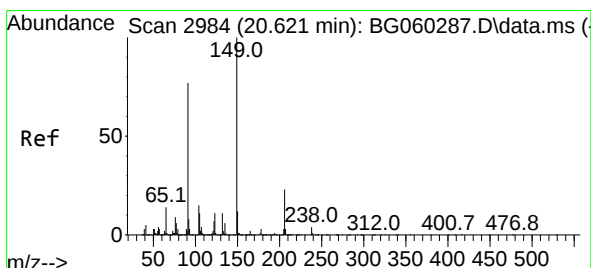
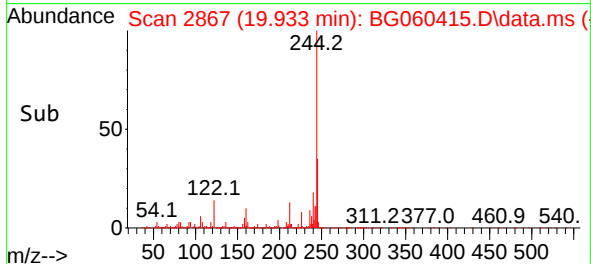
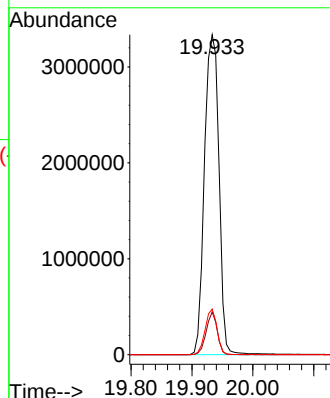
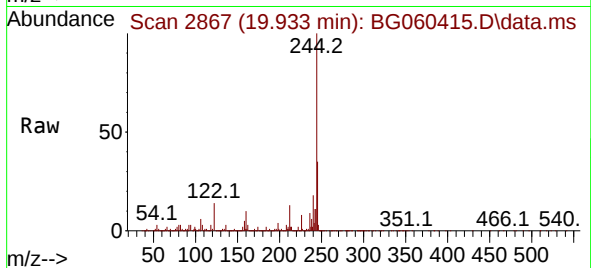
Tgt Ion:244 Resp: 5522657

Ion Ratio Lower Upper

244 100

212 13.4 10.9 16.3

122 14.2 12.6 18.8



#80

Butylbenzylphthalate

Concen: 47.213 ng

RT: 20.621 min Scan# 2984

Delta R.T. -0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

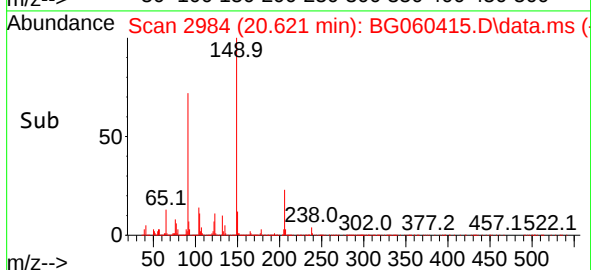
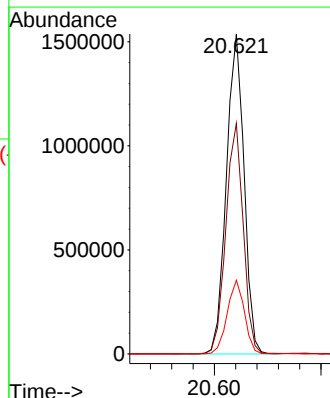
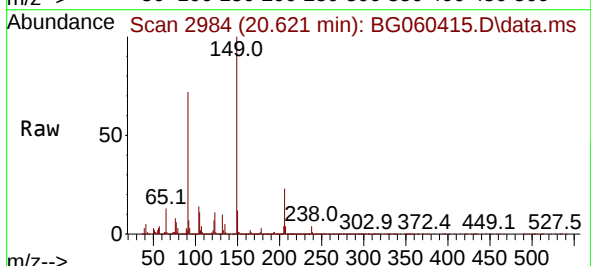
Tgt Ion:149 Resp: 1763349

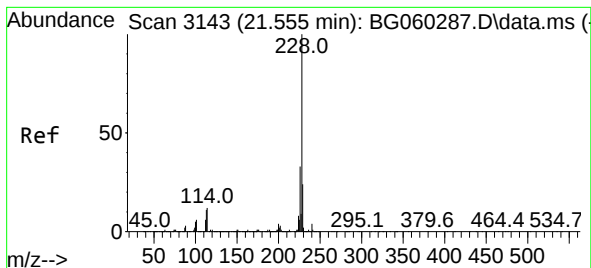
Ion Ratio Lower Upper

149 100

91 72.0 61.4 92.2

206 23.1 18.0 27.0





#81

Benzo(a)anthracene

Concen: 40.619 ng

RT: 21.561 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

PB158578BS

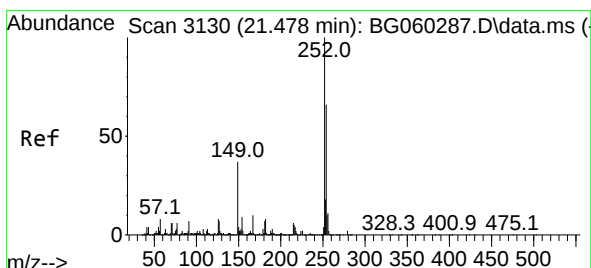
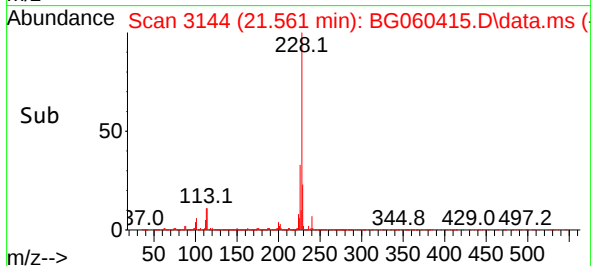
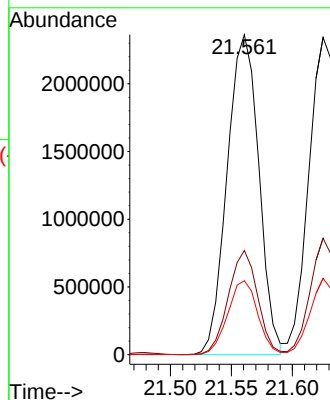
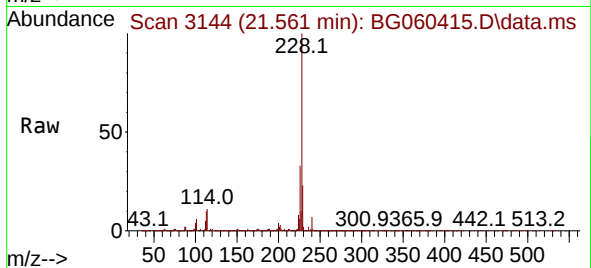
Tgt Ion:228 Resp: 4274800

Ion Ratio Lower Upper

228 100

226 32.5 26.2 39.2

229 23.1 19.4 29.2



#82

3,3'-Dichlorobenzidine

Concen: 36.242 ng

RT: 21.478 min Scan# 3130

Delta R.T. -0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

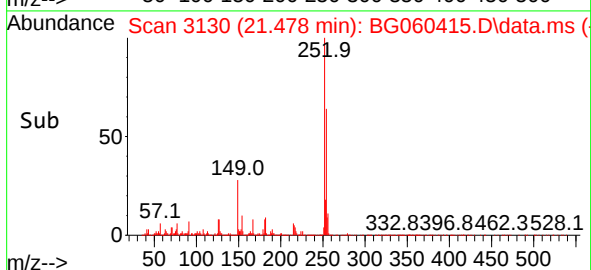
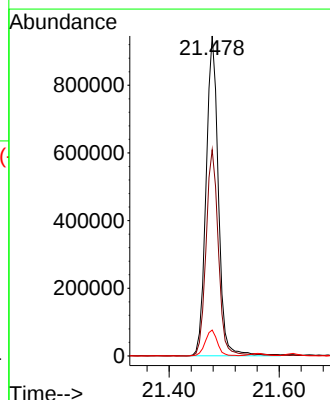
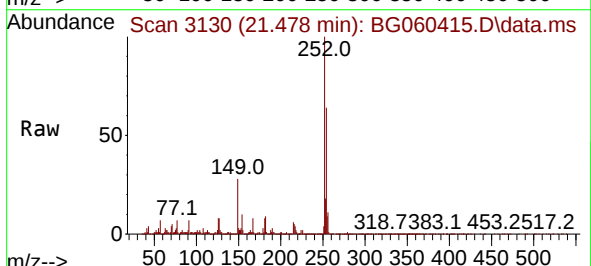
Tgt Ion:252 Resp: 1460669

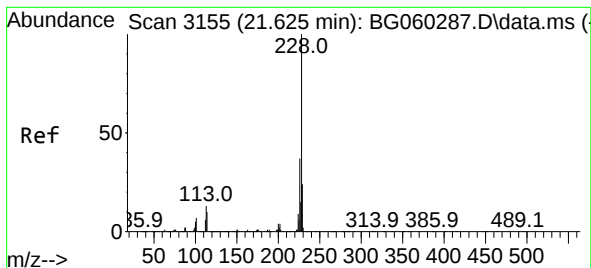
Ion Ratio Lower Upper

252 100

254 64.5 52.6 79.0

126 8.1 6.3 9.5





#83

Chrysene

Concen: 39.539 ng

RT: 21.625 min Scan# 3155

Delta R.T. -0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

PB158578BS

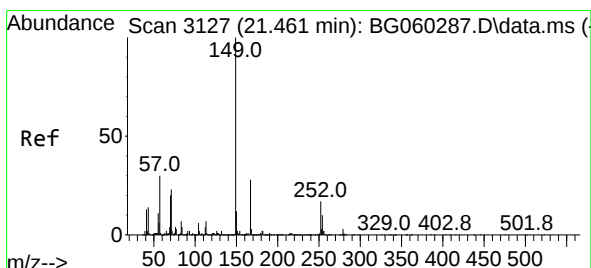
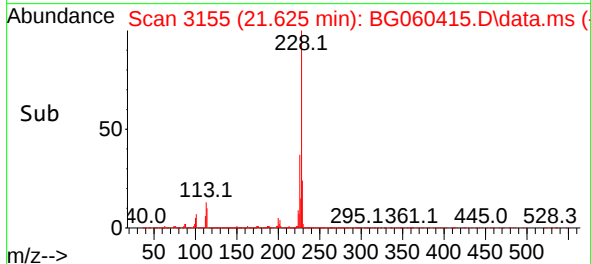
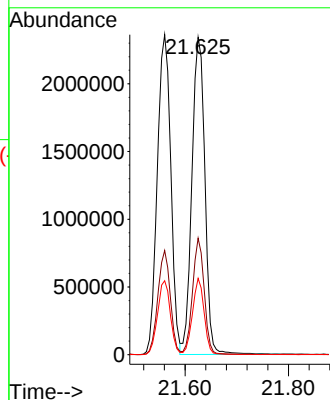
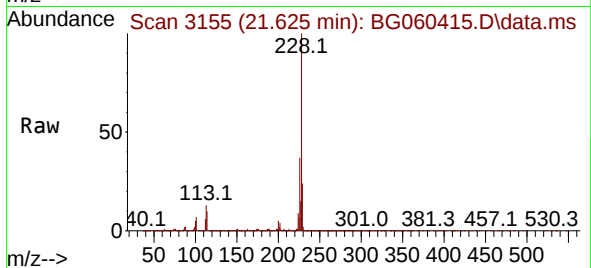
Tgt Ion:228 Resp: 4092460

Ion Ratio Lower Upper

228 100

226 36.7 29.4 44.2

229 24.1 19.2 28.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.970 ng

RT: 21.461 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

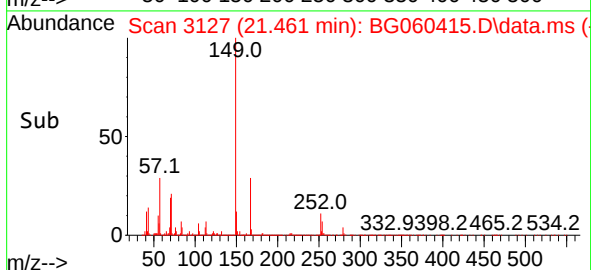
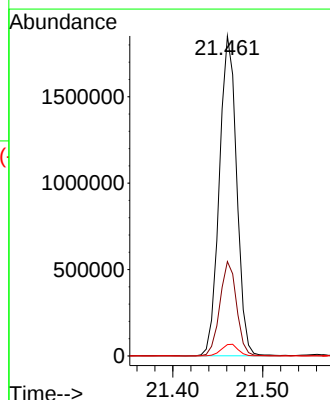
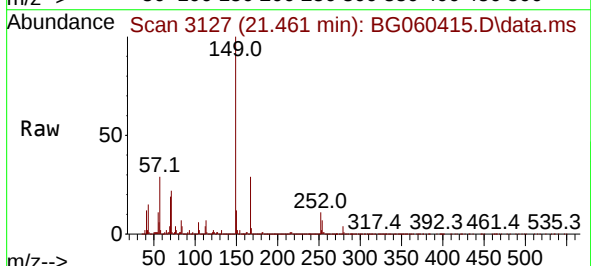
Tgt Ion:149 Resp: 2481594

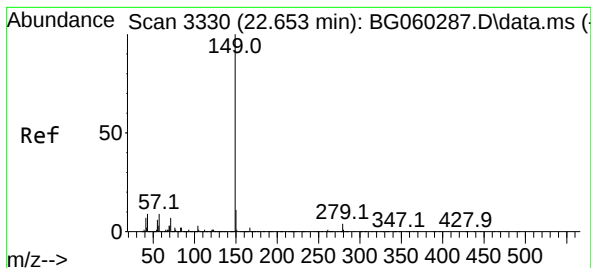
Ion Ratio Lower Upper

149 100

167 29.5 22.2 33.2

279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 45.630 ng

RT: 22.648 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

PB158578BS

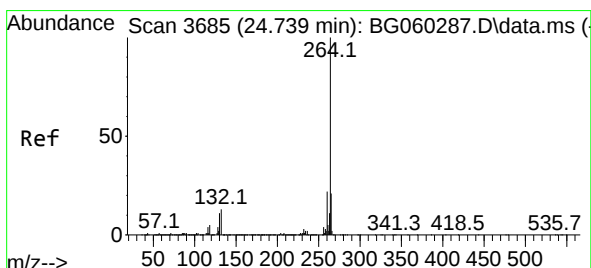
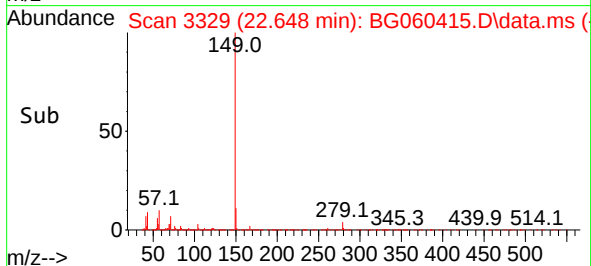
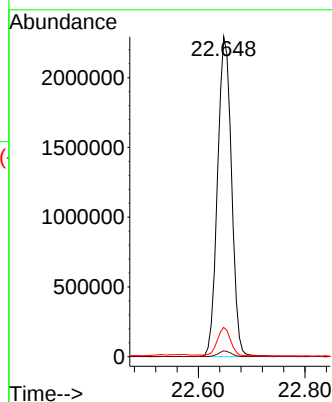
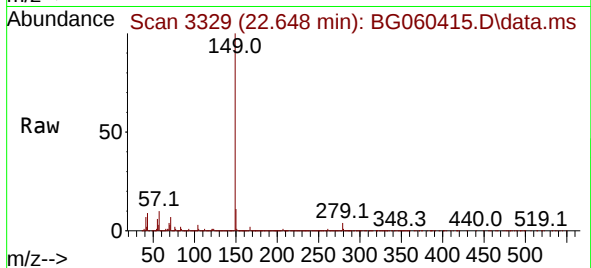
Tgt Ion:149 Resp: 4173286

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.745 min Scan# 3686

Delta R.T. 0.006 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

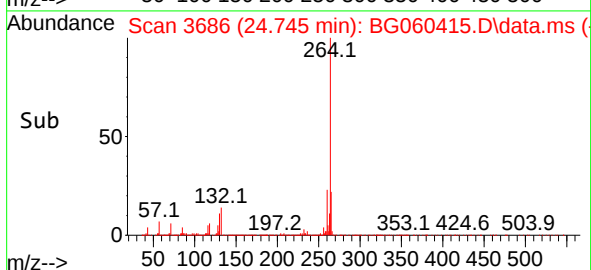
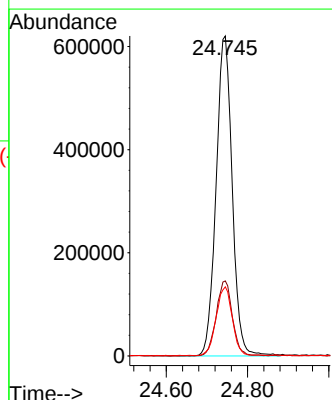
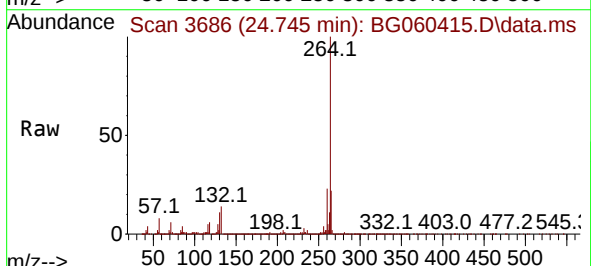
Tgt Ion:264 Resp: 1708560

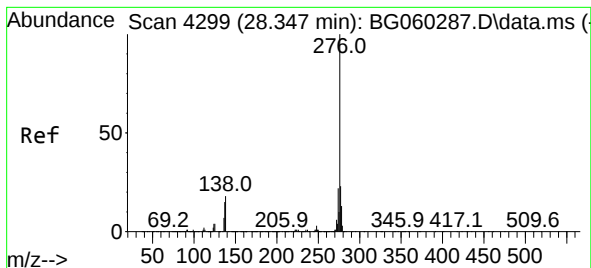
Ion Ratio Lower Upper

264 100

260 23.5 17.8 26.6

265 21.6 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.078 ng

RT: 28.359 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

PB158578BS

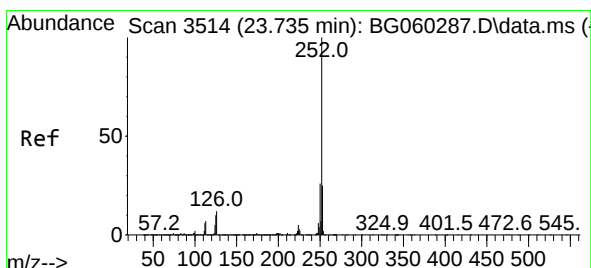
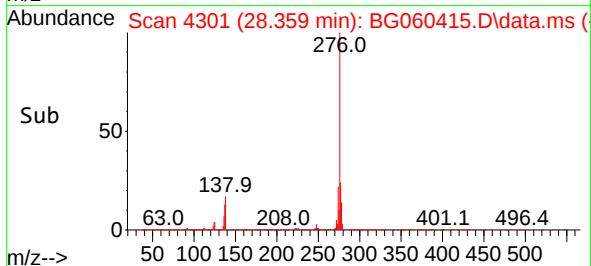
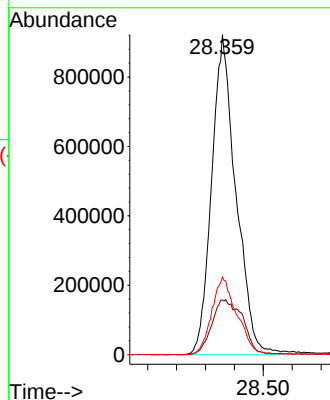
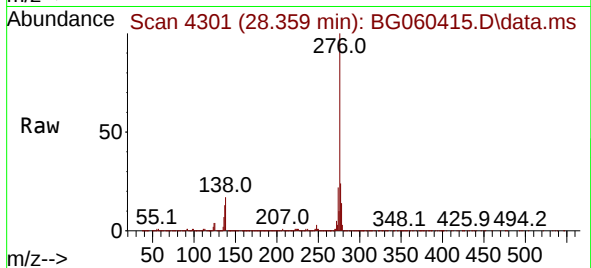
Tgt Ion:276 Resp: 5355191

Ion Ratio Lower Upper

276 100

138 21.9 12.5 18.7#

277 25.0 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 44.543 ng

RT: 23.740 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

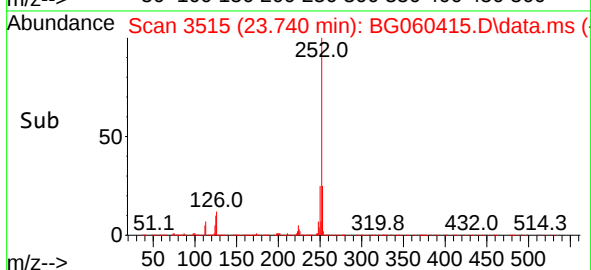
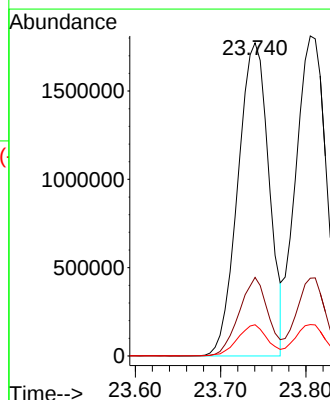
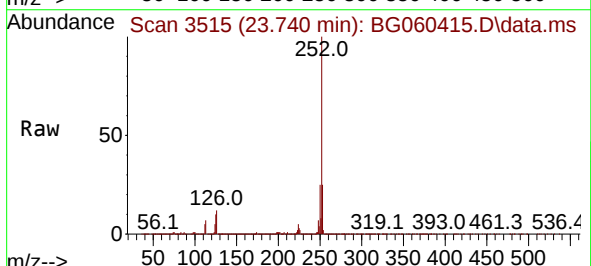
Tgt Ion:252 Resp: 4495974

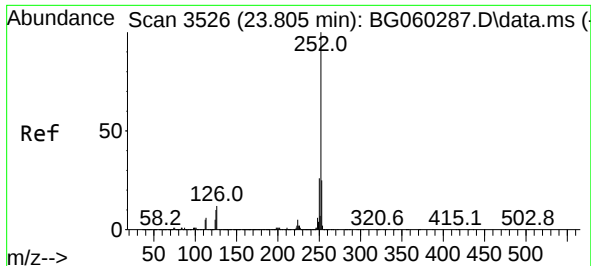
Ion Ratio Lower Upper

252 100

253 25.1 20.0 30.0

125 10.0 8.1 12.1

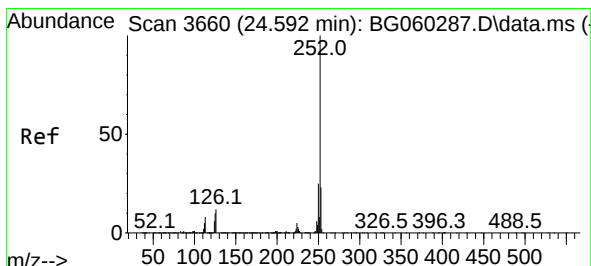
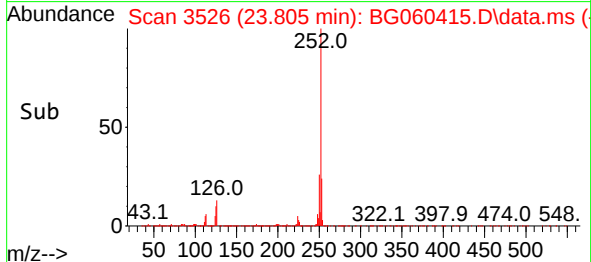
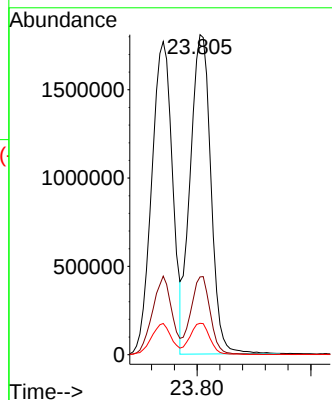
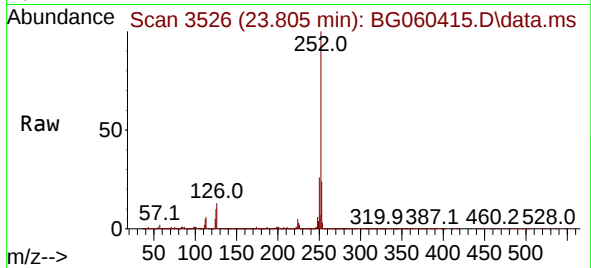




#89
Benzo(k)fluoranthene
Concen: 45.770 ng
RT: 23.805 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

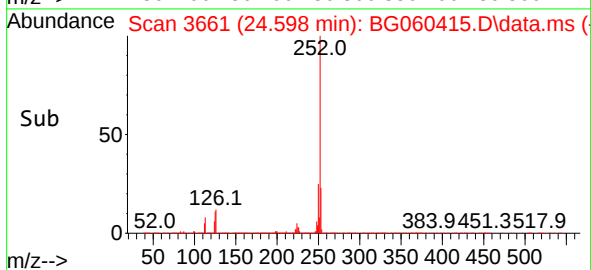
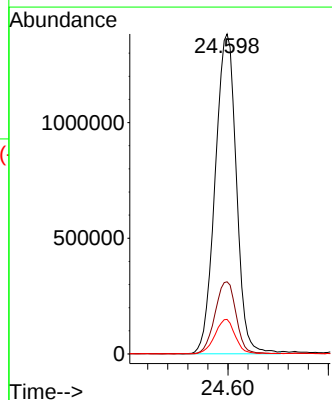
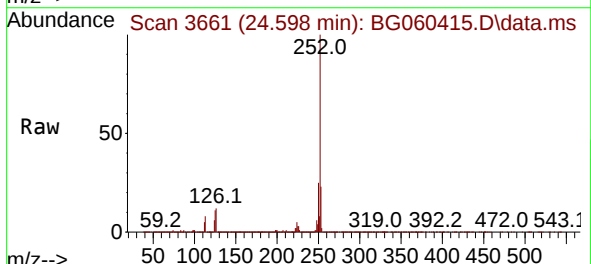
Instrument :
BNA_G
ClientSampleId :
PB158578BS

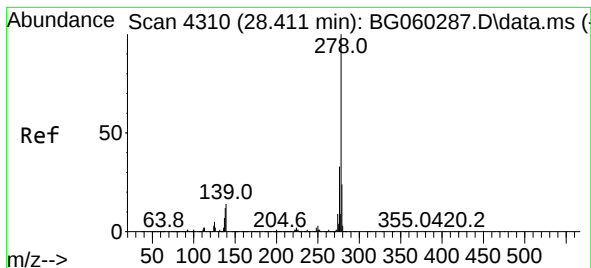
Tgt Ion:252 Resp: 4558830
Ion Ratio Lower Upper
252 100
253 24.3 19.6 29.4
125 9.8 8.2 12.2



#90
Benzo(a)pyrene
Concen: 44.419 ng
RT: 24.598 min Scan# 3661
Delta R.T. 0.006 min
Lab File: BG060415.D
Acq: 24 Jan 2024 14:50

Tgt Ion:252 Resp: 4050113
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.8 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 46.312 ng

RT: 28.417 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Instrument :

BNA_G

ClientSampleId :

PB158578BS

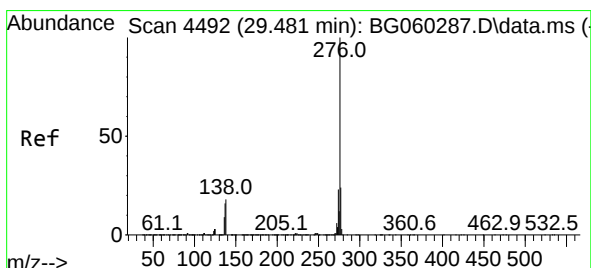
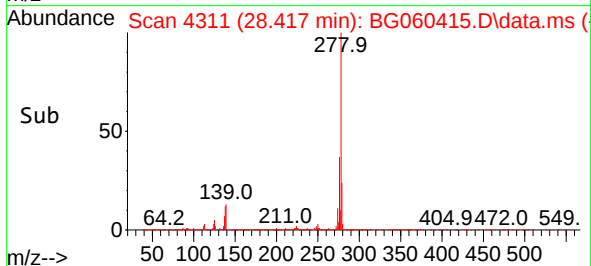
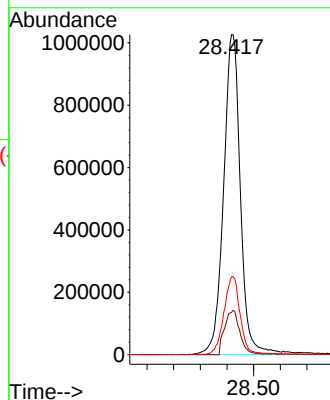
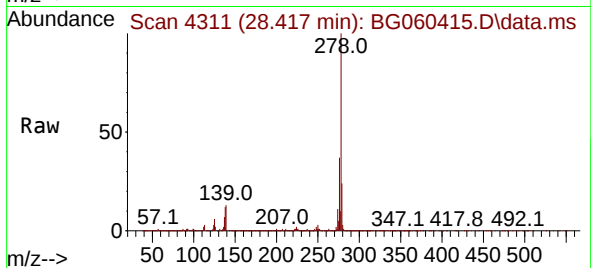
Tgt Ion:278 Resp: 4493175

Ion Ratio Lower Upper

278 100

139 13.3 10.9 16.3

279 24.4 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 44.723 ng

RT: 29.492 min Scan# 4494

Delta R.T. 0.012 min

Lab File: BG060415.D

Acq: 24 Jan 2024 14:50

Tgt Ion:276 Resp: 4447065

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 18.2 14.2 21.4

