

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054337.D
 Acq On : 20 Jul 2022 21:38
 Operator : CG/JU
 Sample : N3776-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11966MSD

Quant Time: Jul 21 01:26:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	23056	20.000	ng	# 0.00
21) Naphthalene-d8	10.809	136	89441	20.000	ng	# 0.00
39) Acenaphthene-d10	14.634	164	66555	20.000	ng	0.00
64) Phenanthrene-d10	17.384	188	156180	20.000	ng	# 0.00
76) Chrysene-d12	21.667	240	174590	20.000	ng	# 0.02
86) Perylene-d12	24.893	264	190023	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.574	112	124357	112.614	ng	0.00
7) Phenol-d6	7.184	99	169232	111.842	ng	0.01
23) Nitrobenzene-d5	9.164	82	111117	67.655	ng	0.00
42) 2,4,6-Tribromophenol	16.132	330	150002	107.343	ng	0.00
45) 2-Fluorobiphenyl	13.259	172	342660	72.630	ng	0.00
79) Terphenyl-d14	19.993	244	653736	74.282	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.424	88	13208	30.065	ng	# 92
3) Pyridine	3.829	79	38640	34.671	ng	92
4) n-Nitrosodimethylamine	3.741	42	30901	49.588	ng	# 75
6) Aniline	7.319	93	55198	31.603	ng	99
8) 2-Chlorophenol	7.572	128	68259	53.788	ng	90
9) Benzaldehyde	7.131	77	33161	43.556	ng	# 79
10) Phenol	7.208	94	79279	52.734	ng	92
11) bis(2-Chloroethyl)ether	7.413	93	54020	49.282	ng	89
12) 1,3-Dichlorobenzene	7.889	146	76386	49.402	ng	93
13) 1,4-Dichlorobenzene	8.036	146	77411	48.480	ng	96
14) 1,2-Dichlorobenzene	8.353	146	74302	49.346	ng	98
15) Benzyl Alcohol	8.242	79	64441	51.781	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.530	45	68018	49.270	ng	90
17) 2-Methylphenol	8.459	107	56156	51.825	ng	94
18) Hexachloroethane	9.082	117	26057	49.284	ng	# 61
19) n-Nitroso-di-n-propyla...	8.812	70	47402	46.913	ng	# 93
20) 3+4-Methylphenols	8.788	107	75542	49.479	ng	99
22) Acetophenone	8.823	105	100951	46.928	ng	# 97
24) Nitrobenzene	9.211	77	74883	46.653	ng	# 88
25) Isophorone	9.734	82	133296	46.665	ng	# 92
26) 2-Nitrophenol	9.922	139	39596	48.940	ng	90
27) 2,4-Dimethylphenol	9.987	122	65399	58.513	ng	89
28) bis(2-Chloroethoxy)met...	10.210	93	73592	51.082	ng	97
29) 2,4-Dichlorophenol	10.468	162	85466	50.660	ng	90
30) 1,2,4-Trichlorobenzene	10.674	180	98583	47.183	ng	# 92
31) Naphthalene	10.862	128	218877	48.750	ng	99
32) Benzoic acid	10.181	122	41739	86.723	ng	# 78
33) 4-Chloroaniline	10.968	127	43512	23.832	ng	# 92
34) Hexachlorobutadiene	11.144	225	86452	46.819	ng	98
35) Caprolactam	11.767	113	17350	40.844	ng	# 66
36) 4-Chloro-3-methylphenol	12.108	107	76871	50.086	ng	91
37) 2-Methylnaphthalene	12.466	142	166020	48.152	ng	97
38) 1-Methylnaphthalene	12.684	142	159270	47.407	ng	99
40) 1,2,4,5-Tetrachloroben...	12.836	216	149911	51.412	ng	# 95
41) Hexachlorocyclopentadiene	12.813	237	28409	35.310	ng	98
43) 2,4,6-Trichlorophenol	13.083	196	86782	54.660	ng	98

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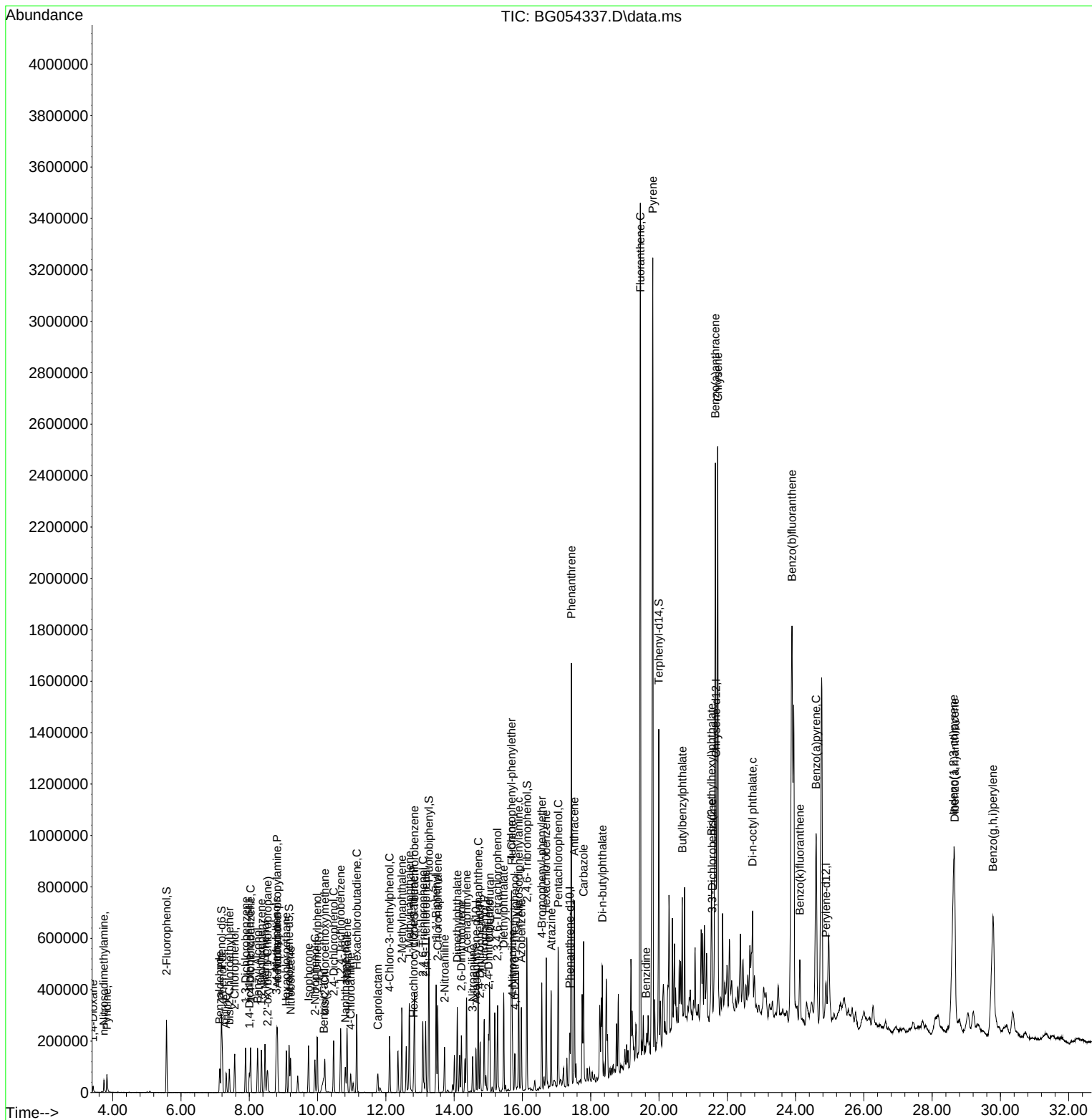
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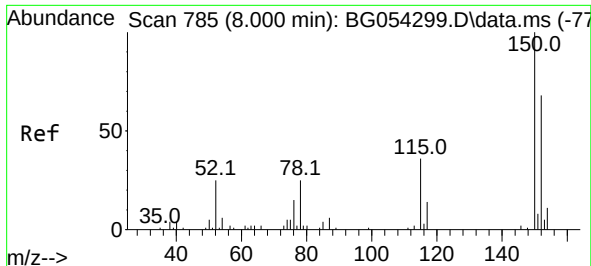
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.165	196	94916	52.910	ng	# 92
46) 1,1'-Biphenyl	13.471	154	231757	50.899	ng	98
47) 2-Chloronaphthalene	13.518	162	191534	50.265	ng	96
48) 2-Nitroaniline	13.718	65	50186	50.466	ng	# 87
49) Acenaphthylene	14.364	152	309995	54.750	ng	99
50) Dimethylphthalate	14.088	163	240922	46.344	ng	99
51) 2,6-Dinitrotoluene	14.211	165	54855	48.108	ng	# 76
52) Acenaphthene	14.705	154	195212	56.936	ng	100
53) 3-Nitroaniline	14.540	138	35921	37.667	ng	92
54) 2,4-Dinitrophenol	14.758	184	56615	85.085	ng	# 81
55) Dibenzofuran	15.040	168	303236	49.706	ng	95
56) 4-Nitrophenol	14.881	139	68082	107.006	ng	98
57) 2,4-Dinitrotoluene	15.004	165	76633	46.881	ng	# 84
58) Fluorene	15.686	166	267983	53.428	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.269	232	90944	52.072	ng	# 85
60) Diethylphthalate	15.451	149	225982	45.313	ng	95
61) 4-Chlorophenyl-phenyle...	15.674	204	157870	47.949	ng	# 87
62) 4-Nitroaniline	15.709	138	42783	42.702	ng	89
63) Azobenzene	15.968	77	164525	45.658	ng	# 79
65) 4,6-Dinitro-2-methylph...	15.780	198	42162	43.696	ng	# 75
66) n-Nitrosodiphenylamine	15.886	169	210166	53.898	ng	94
67) 4-Bromophenyl-phenylether	16.567	248	114512	52.206	ng	# 91
68) Hexachlorobenzene	16.696	284	131683	52.497	ng	# 89
69) Atrazine	16.843	200	98313	56.659	ng	93
70) Pentachlorophenol	17.049	266	130530	118.083	ng	95
71) Phenanthrene	17.431	178	1176555	151.273	ng	94
72) Anthracene	17.519	178	507074	66.437	ng	100
73) Carbazole	17.789	167	395109	62.879	ng	98
74) Di-n-butylphthalate	18.342	149	342512	46.190	ng	98
75) Fluoranthene	19.452	202	2524415	238.102	ng	89
77) Benzidine	19.622	184	12278	3.883	ng	# 85
78) Pyrene	19.816	202	2394666	239.040	ng	# 87
80) Butylbenzylphthalate	20.680	149	145022	46.454	ng	# 83
81) Benzo(a)anthracene	21.649	228	1670867	150.762	ng	91
82) 3,3'-Dichlorobenzidine	21.555	252	107246	31.115	ng	# 94
83) Chrysene	21.720	228	1678261	160.281	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.538	149	212994	48.216	ng	# 93
85) Di-n-octyl phthalate	22.742	149	362732	48.132	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.630	276	1564840	108.249	ng	96
88) Benzo(b)fluoranthene	23.894	252	2449274	217.951	ng	# 95
89) Benzo(k)fluoranthene	24.123	252	279149	24.960	ng	92
90) Benzo(a)pyrene	24.599	252	1013998	105.656	ng	97
91) Dibenzo(a,h)anthracene	28.659	278	675149	56.798	ng	# 94
92) Benzo(g,h,i)perylene	29.781	276	1397576	119.125	ng	# 90

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

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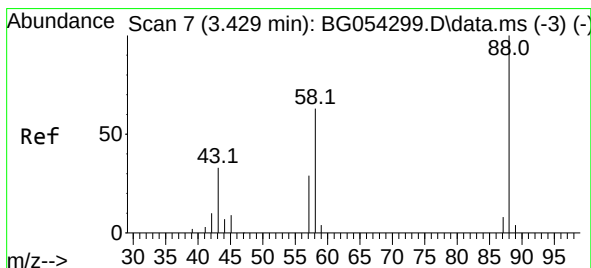
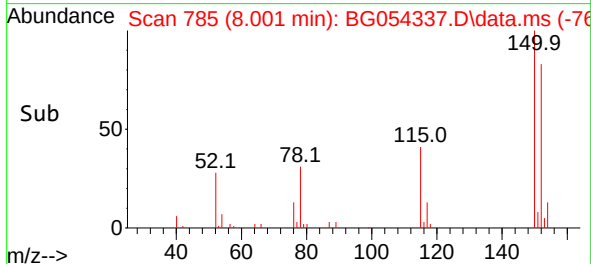
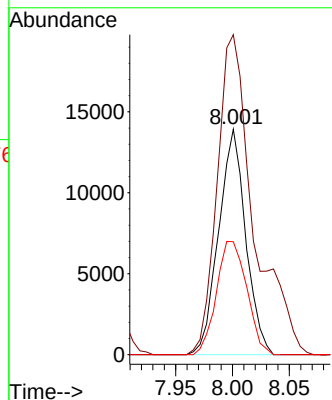
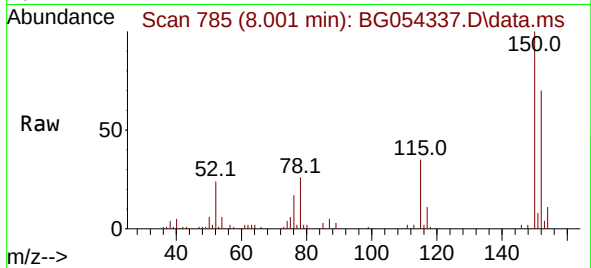




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.001 min Scan# 7
 Delta R.T. 0.001 min
 Lab File: BG054337.D
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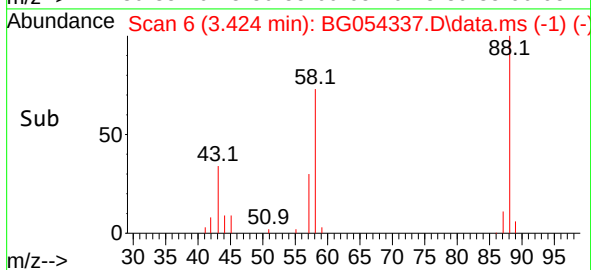
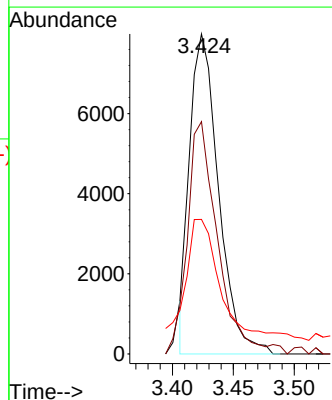
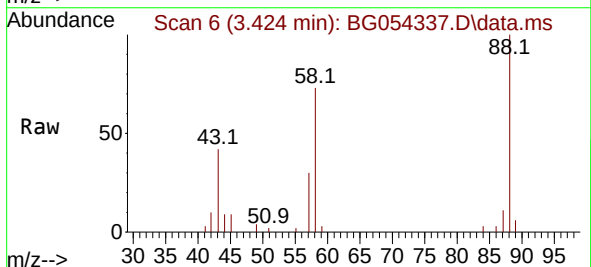
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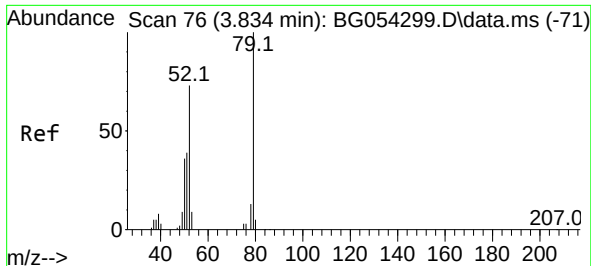
Tgt Ion:152 Resp: 23056
 Ion Ratio Lower Upper
 152 100
 150 142.0 131.6 197.4
 115 50.1 50.9 76.3#



#2
 1,4-Dioxane
 Concen: 30.065 ng
 RT: 3.424 min Scan# 6
 Delta R.T. -0.005 min
 Lab File: BG054337.D
 Acq: 20 Jul 2022 21:38

Tgt Ion: 88 Resp: 13208
 Ion Ratio Lower Upper
 88 100
 58 71.6 59.2 88.8
 43 42.1 24.3 36.5#





#3

Pyridine

Concen: 34.671 ng

RT: 3.829 min Scan# 71

Delta R.T. -0.005 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

Instrument :

BNA_G

ClientSampleId :

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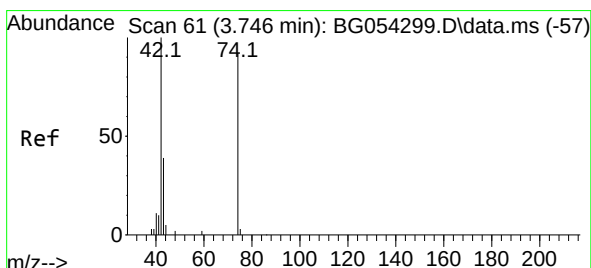
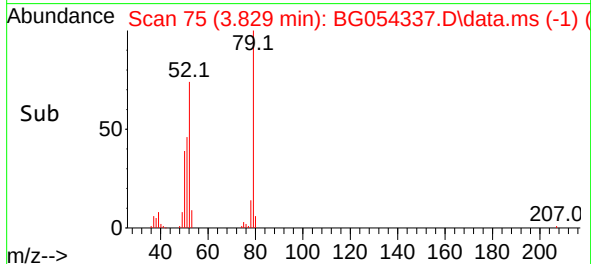
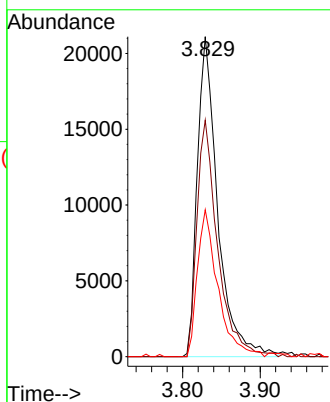
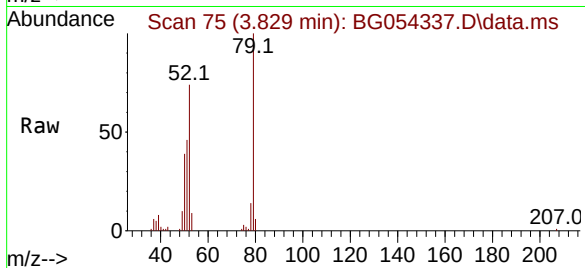
Tgt Ion: 79 Resp: 38640

Ion Ratio Lower Upper

79 100

52 73.9 54.6 81.8

51 45.9 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 49.588 ng

RT: 3.741 min Scan# 60

Delta R.T. -0.005 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

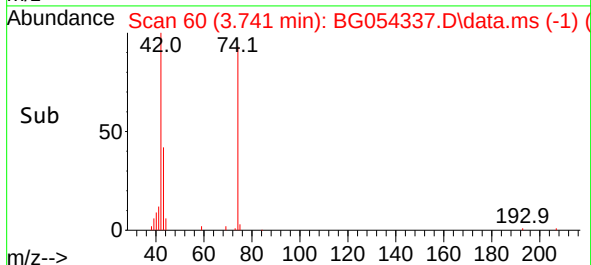
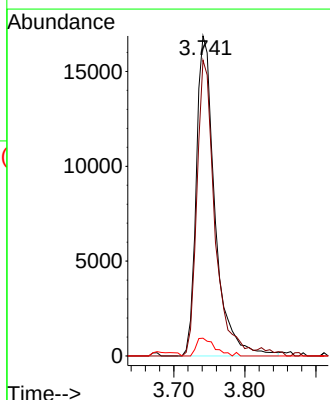
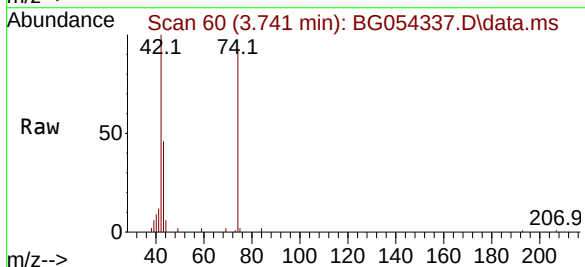
Tgt Ion: 42 Resp: 30901

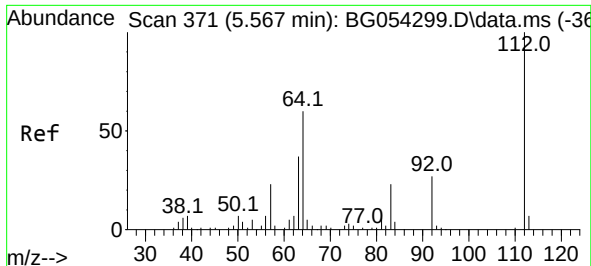
Ion Ratio Lower Upper

42 100

74 92.4 97.0 145.4#

44 5.6 7.0 10.4#

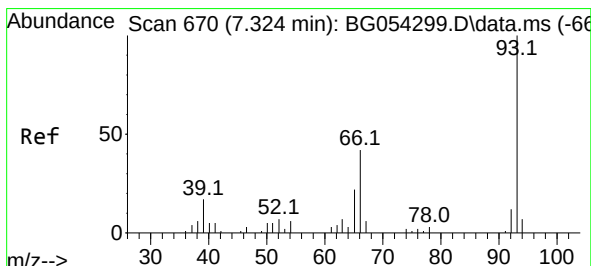
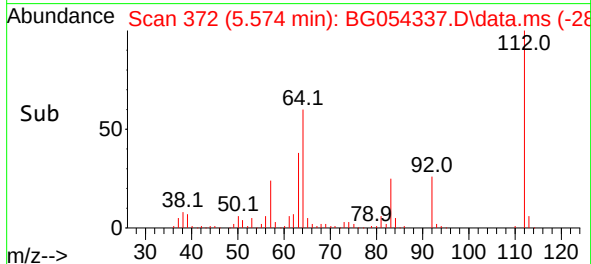
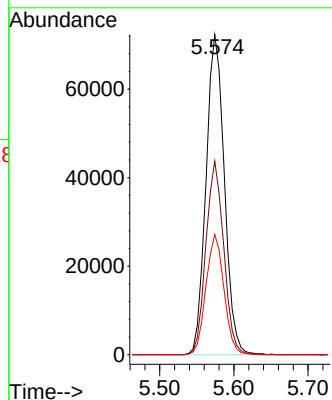
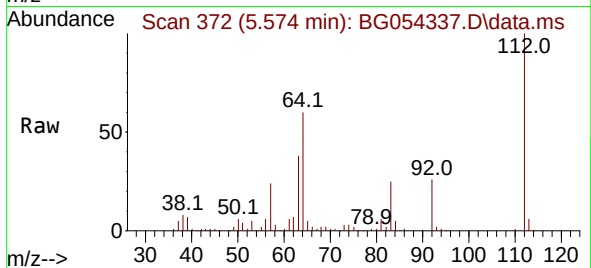




#5
2-Fluorophenol
Concen: 112.614 ng
RT: 5.574 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

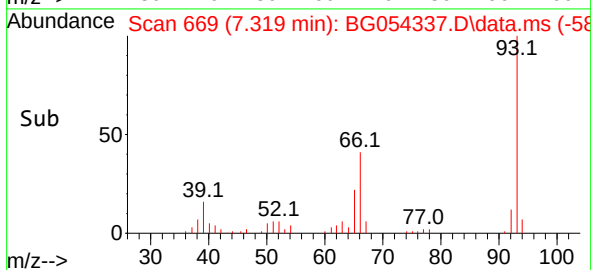
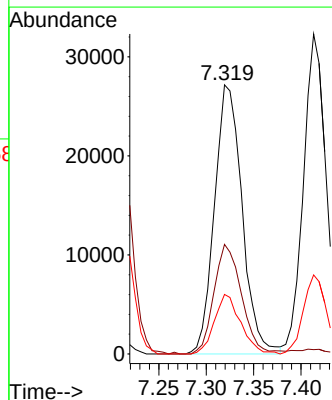
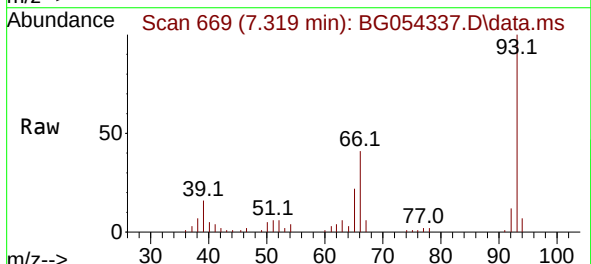
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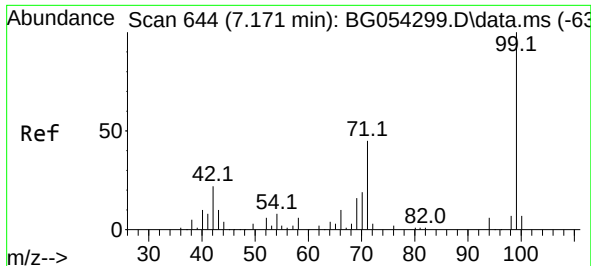
Tgt Ion:112 Resp: 124357
Ion Ratio Lower Upper
112 100
64 60.5 55.1 82.7
63 37.6 30.4 45.6



#6
Aniline
Concen: 31.603 ng
RT: 7.319 min Scan# 669
Delta R.T. -0.005 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion: 93 Resp: 55198
Ion Ratio Lower Upper
93 100
66 40.7 32.9 49.3
65 22.1 17.8 26.8

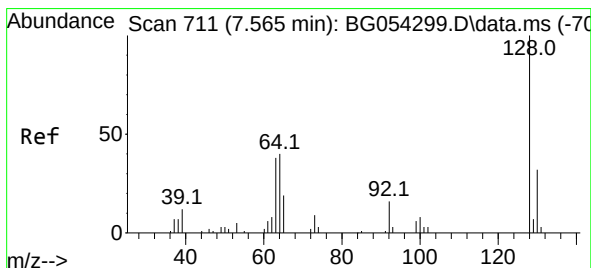
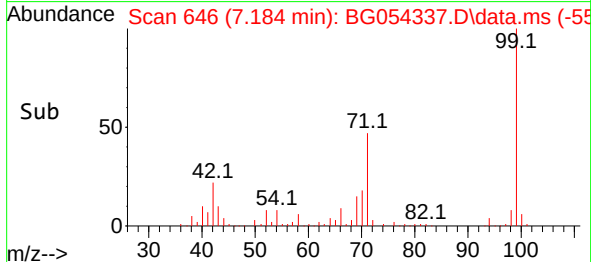
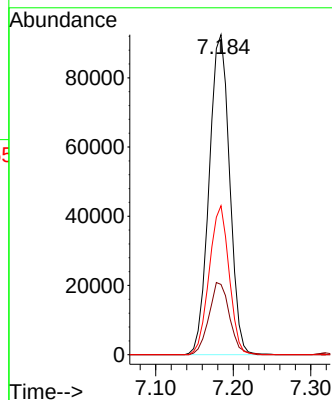
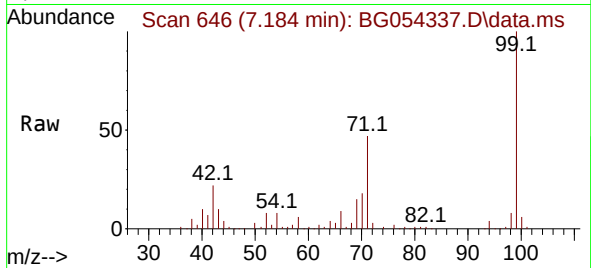




#7
Phenol-d6
Concen: 111.842 ng
RT: 7.184 min Scan# 64
Delta R.T. 0.013 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

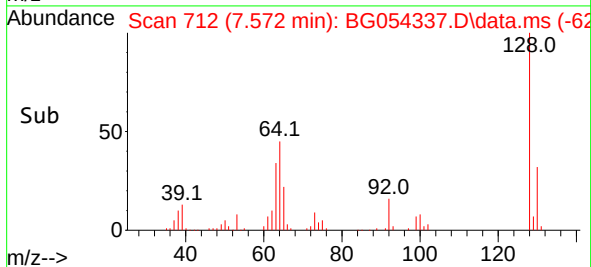
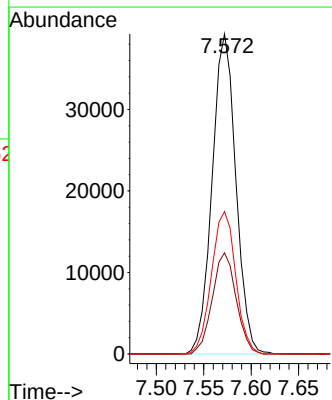
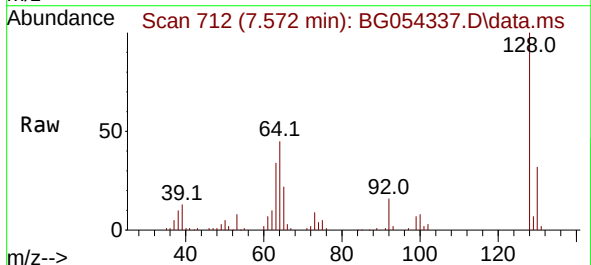
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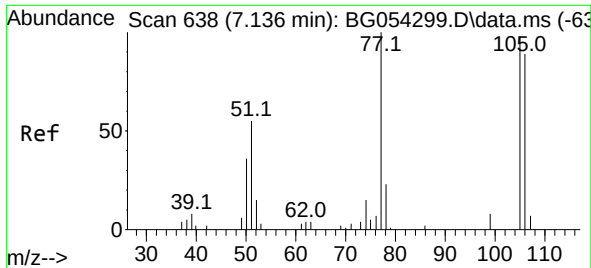
Tgt Ion: 99 Resp: 169232
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 46.6 33.8 50.8



#8
2-Chlorophenol
Concen: 53.788 ng
RT: 7.572 min Scan# 712
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion: 128 Resp: 68259
Ion Ratio Lower Upper
128 100
130 31.6 10.5 50.5
64 44.5 35.1 75.1

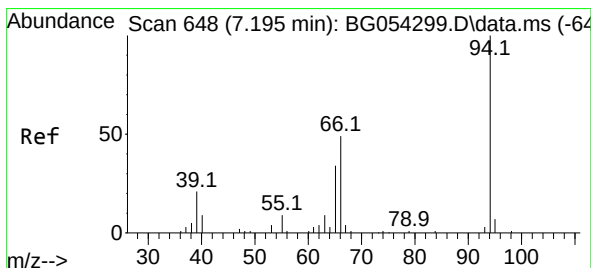
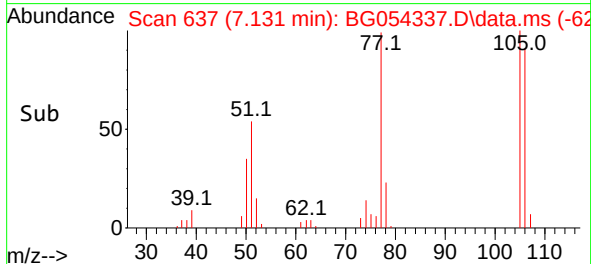
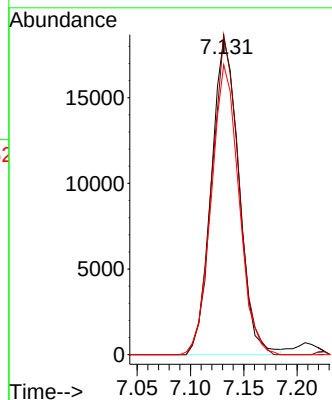
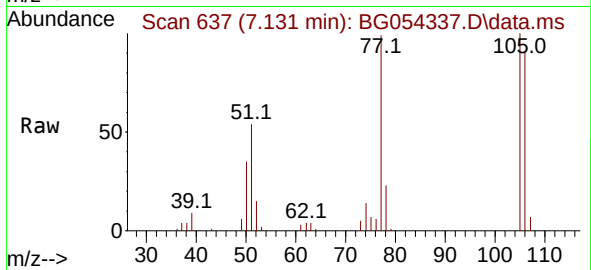




#9
Benzaldehyde
Concen: 43.556 ng
RT: 7.131 min Scan# 61
Delta R.T. -0.005 min
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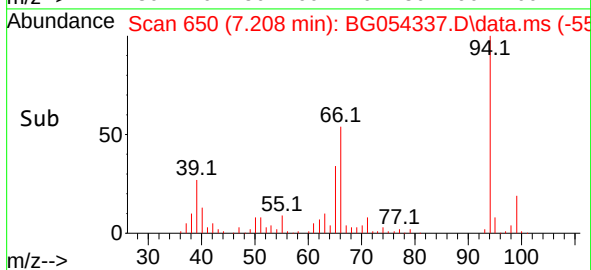
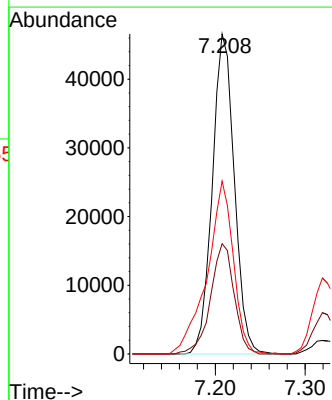
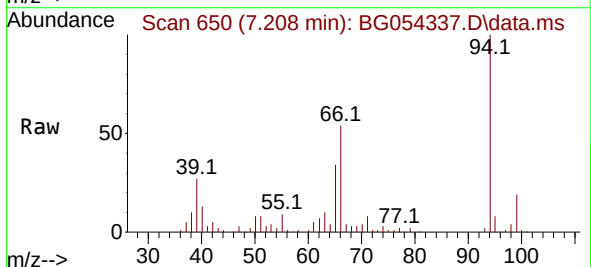
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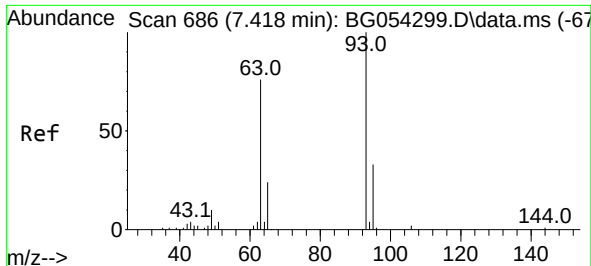
Tgt Ion: 77 Resp: 33161
Ion Ratio Lower Upper
77 100
105 101.1 59.6 99.6#
106 91.6 56.8 96.8



#10
Phenol
Concen: 52.734 ng
RT: 7.208 min Scan# 650
Delta R.T. 0.013 min
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Tgt Ion: 94 Resp: 79279
Ion Ratio Lower Upper
94 100
65 34.4 14.8 54.8
66 54.0 25.2 65.2

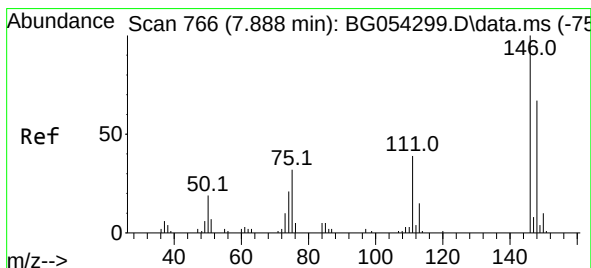
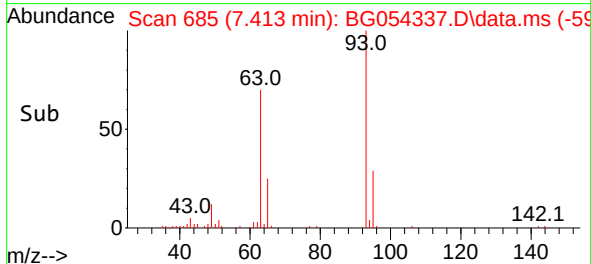
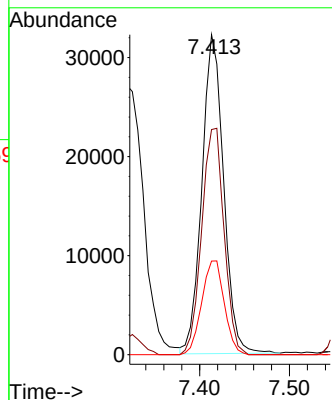
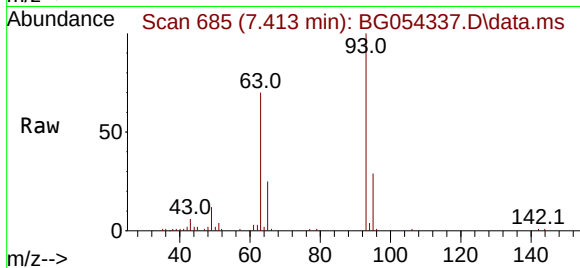




#11
bis(2-Chloroethyl)ether
Concen: 49.282 ng
RT: 7.413 min Scan# 686
Delta R.T. -0.005 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

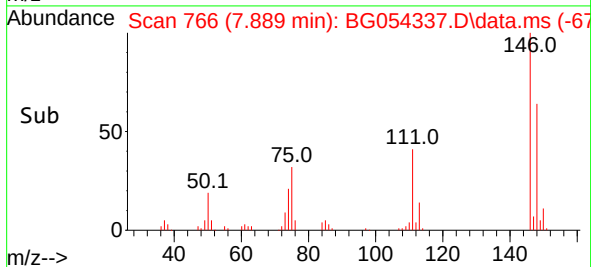
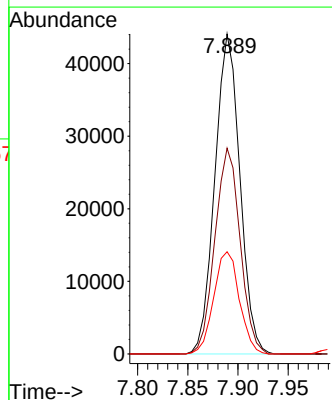
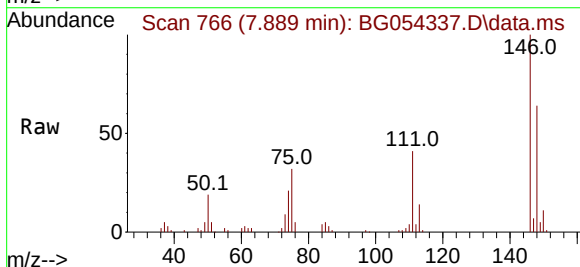
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

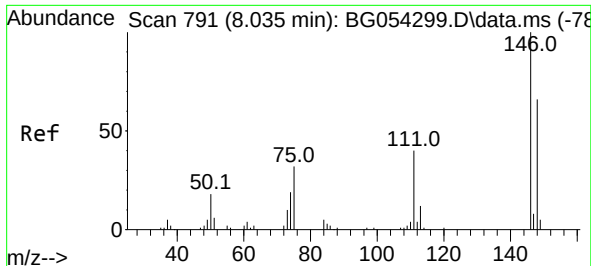
Tgt Ion: 93 Resp: 54020
Ion Ratio Lower Upper
93 100
63 70.4 63.6 103.6
95 29.2 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 49.402 ng
RT: 7.889 min Scan# 766
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:146 Resp: 76386
Ion Ratio Lower Upper
146 100
148 64.3 46.1 69.1
75 31.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 48.480 ng

RT: 8.036 min Scan# 791

Delta R.T. 0.001 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

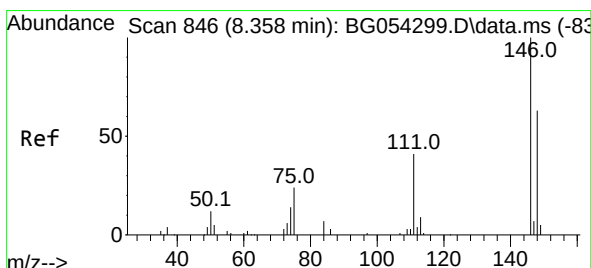
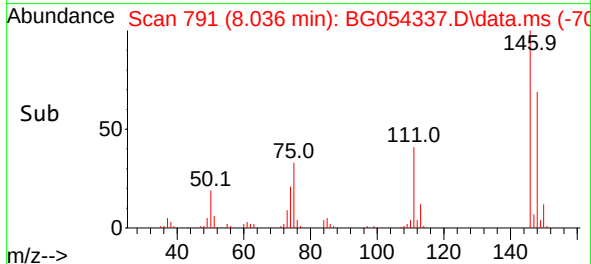
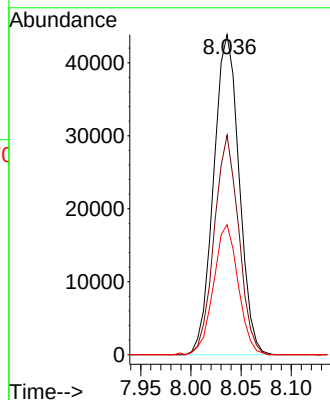
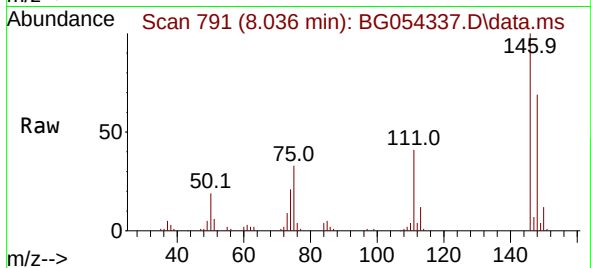
Tgt Ion:146 Resp: 77411

Ion Ratio Lower Upper

146 100

148 68.6 51.5 77.3

111 40.6 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 49.346 ng

RT: 8.353 min Scan# 845

Delta R.T. -0.005 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

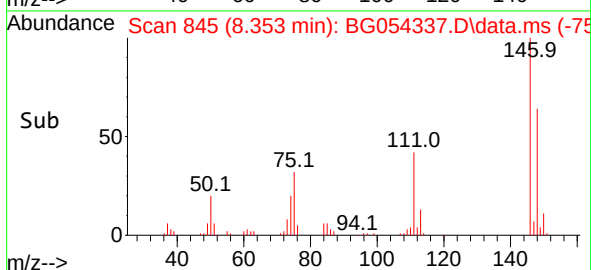
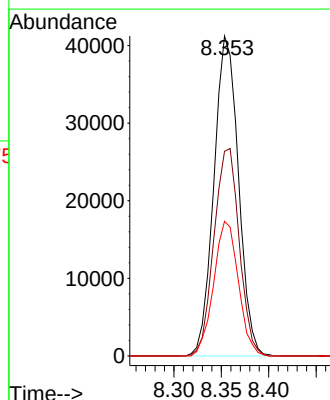
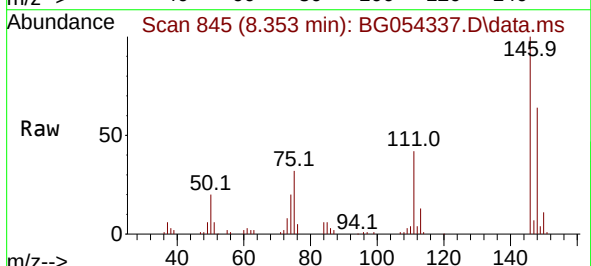
Tgt Ion:146 Resp: 74302

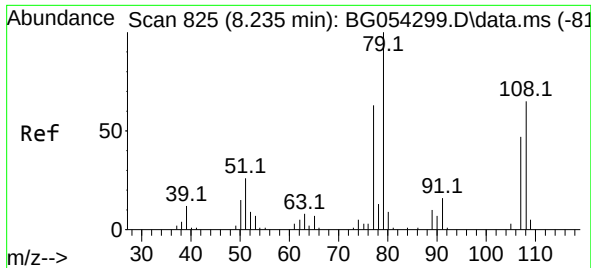
Ion Ratio Lower Upper

146 100

148 64.0 52.6 78.8

111 42.1 34.5 51.7

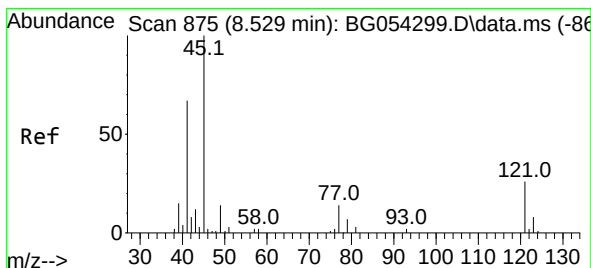
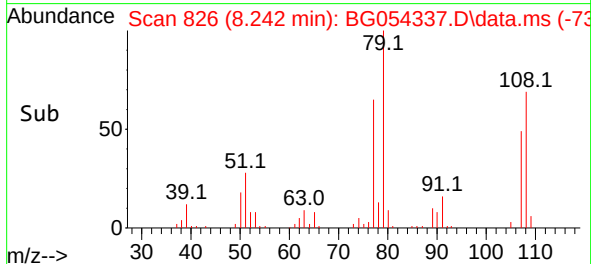
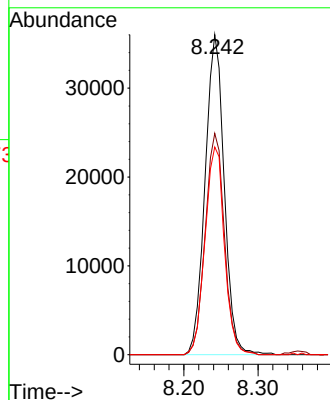
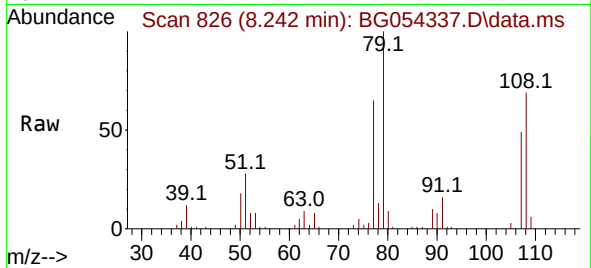




#15
Benzyl Alcohol
Concen: 51.781 ng
RT: 8.242 min Scan# 81
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

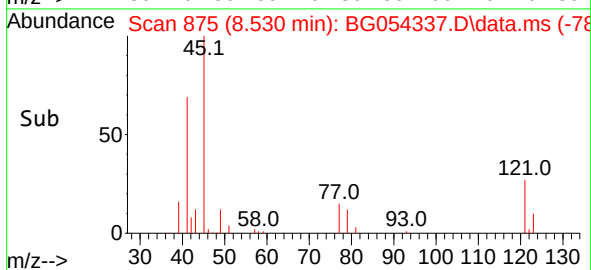
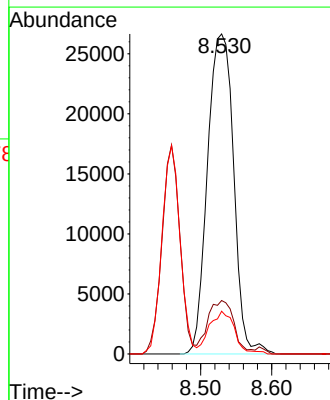
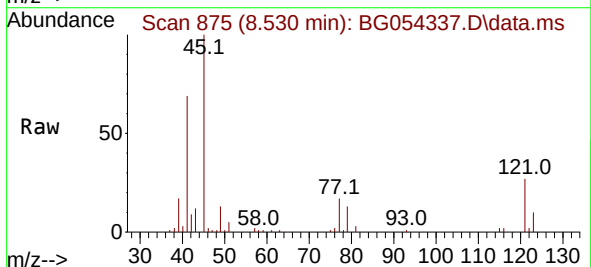
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

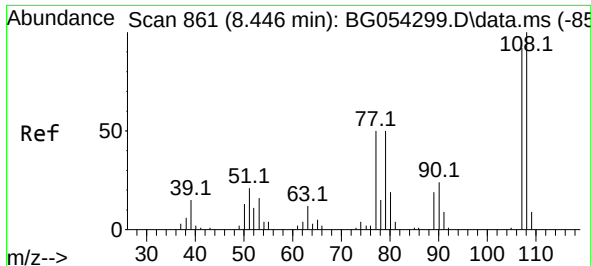
Tgt Ion: 79 Resp: 64441
Ion Ratio Lower Upper
79 100
108 69.1 53.7 80.5
77 64.9 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.270 ng
RT: 8.530 min Scan# 875
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion: 45 Resp: 68018
Ion Ratio Lower Upper
45 100
77 16.7 0.0 32.7
79 13.3 0.0 29.7

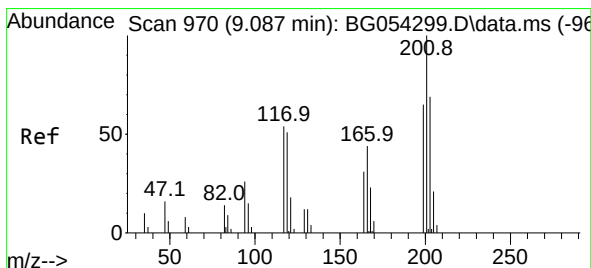
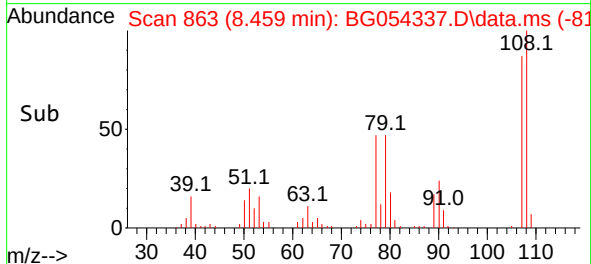
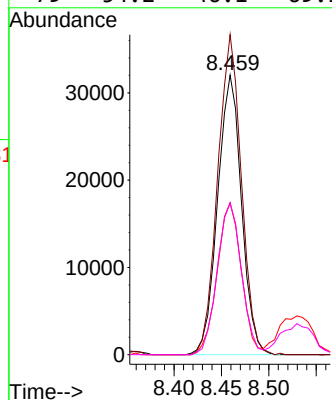
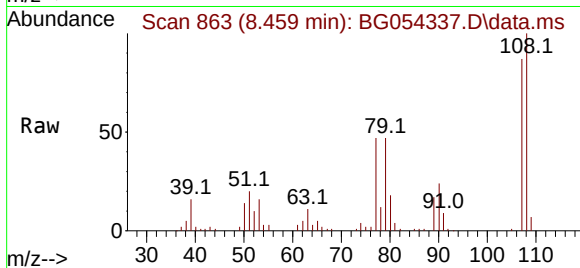




#17
2-Methylphenol
Concen: 51.825 ng
RT: 8.459 min Scan# 863
Delta R.T. 0.013 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

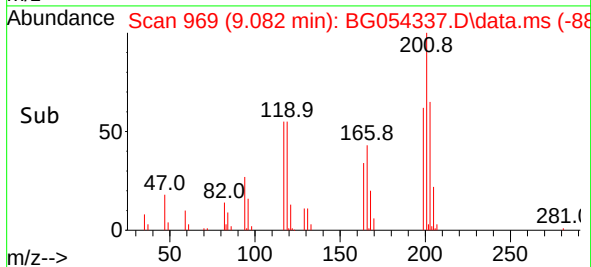
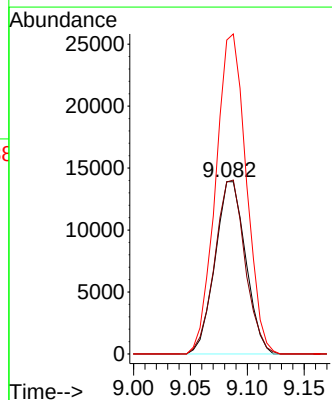
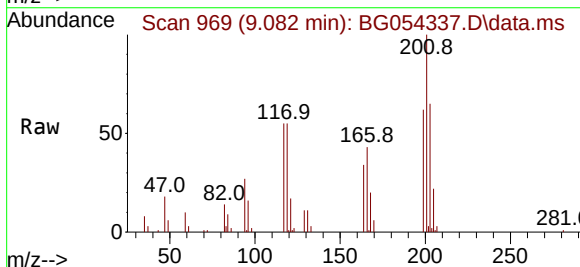
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

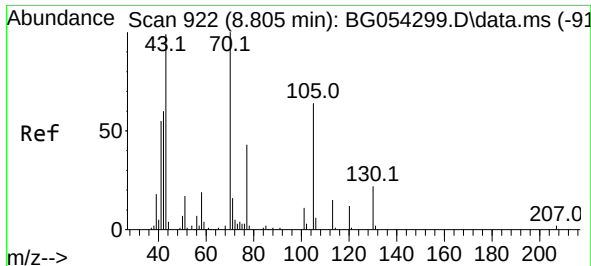
Tgt Ion:	107	Resp:	56156
Ion	Ratio	Lower	Upper
107	100		
108	114.5	85.4	128.0
77	54.3	46.2	69.2
79	54.2	46.1	69.1



#18
Hexachloroethane
Concen: 49.284 ng
RT: 9.082 min Scan# 969
Delta R.T. -0.005 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:	117	Resp:	26057
Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.0	112.6
201	182.1	89.0	133.6#

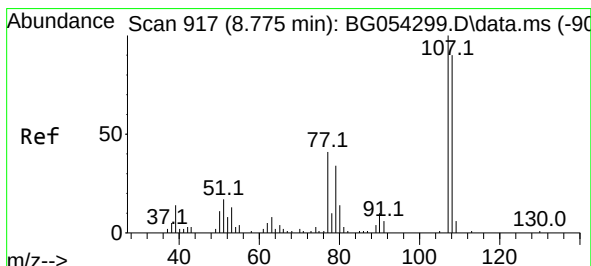
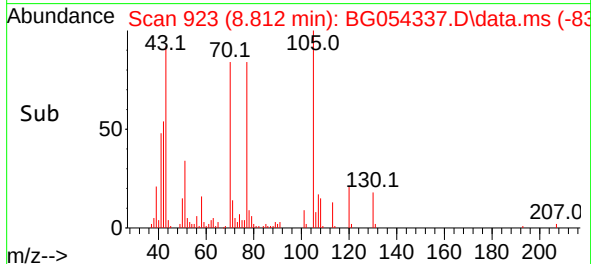
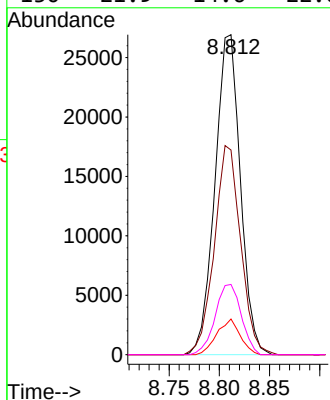
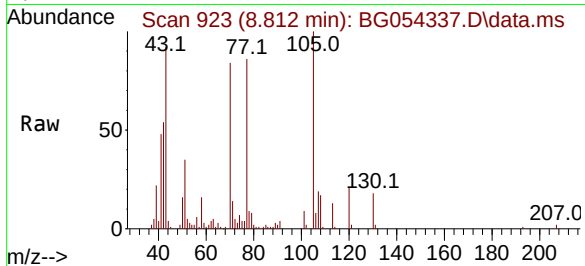




#19
n-Nitroso-di-n-propylamine
Concen: 46.913 ng
RT: 8.812 min Scan# 919
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

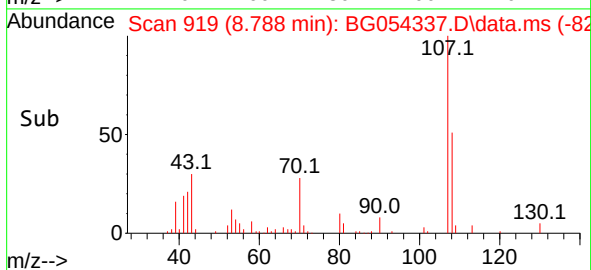
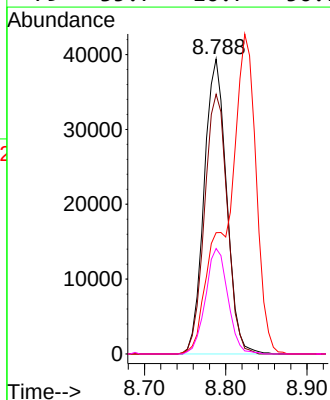
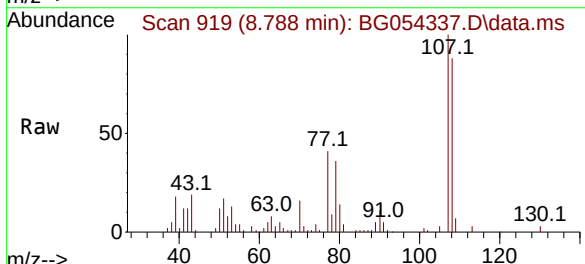
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

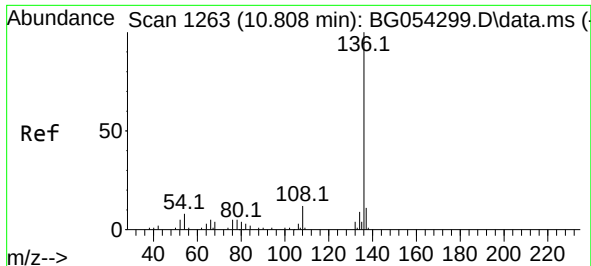
Tgt Ion:	70	Resp:	47402
Ion	Ratio	Lower	Upper
70	100		
42	63.9	47.3	70.9
101	11.2	7.0	10.4#
130	21.9	14.6	22.0



#20
3+4-Methylphenols
Concen: 49.479 ng
RT: 8.788 min Scan# 919
Delta R.T. 0.013 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:	107	Resp:	75542
Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.5	107.5
77	41.1	20.3	60.3
79	35.7	16.7	56.7

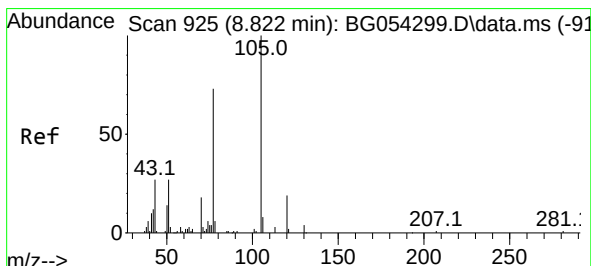
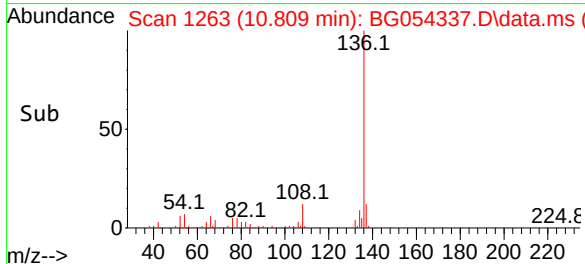
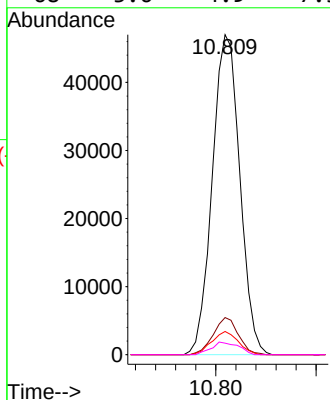
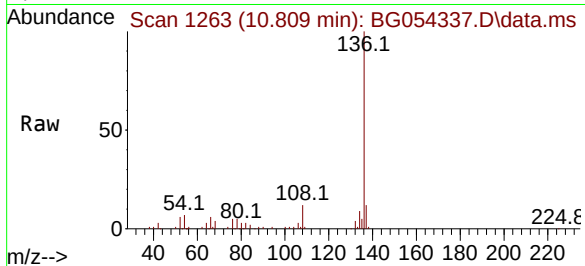




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.809 min Scan# 1263
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

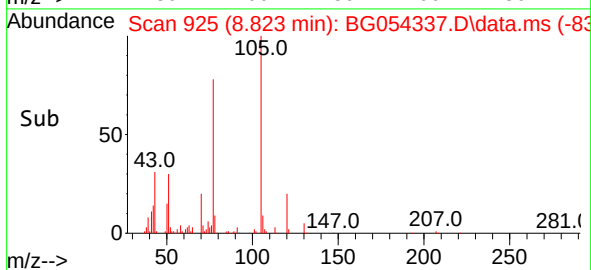
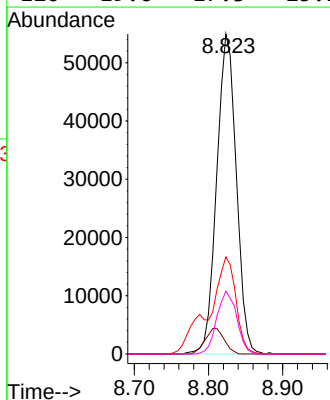
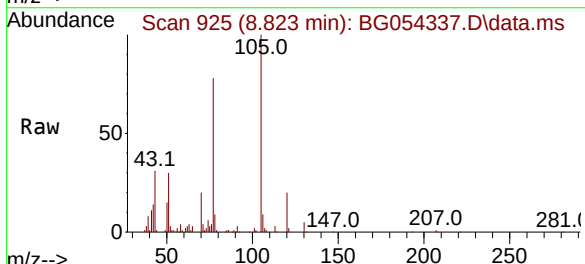
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

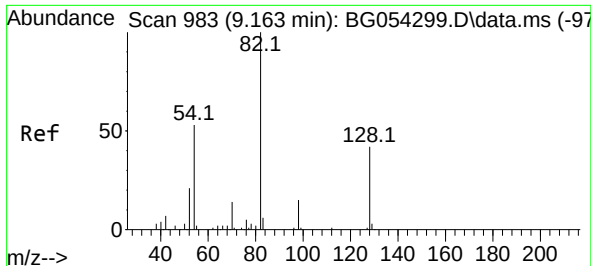
Tgt Ion:	136	Resp:	89441
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.5	12.7
54	7.3	7.4	11.2#
68	3.6	4.9	7.3#



#22
Acetophenone
Concen: 46.928 ng
RT: 8.823 min Scan# 925
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:	105	Resp:	100951
Ion Ratio	Lower	Upper	
105	100		
71	3.7	1.1	1.7#
51	30.4	25.4	38.0
120	19.6	17.3	25.9

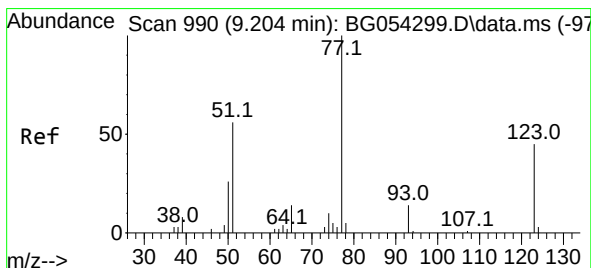
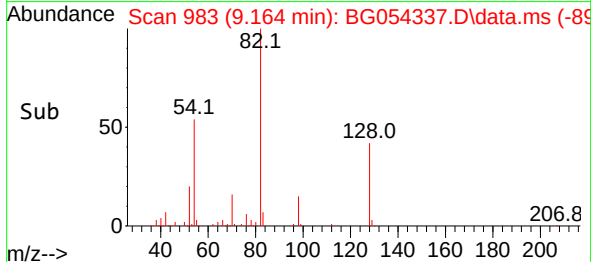
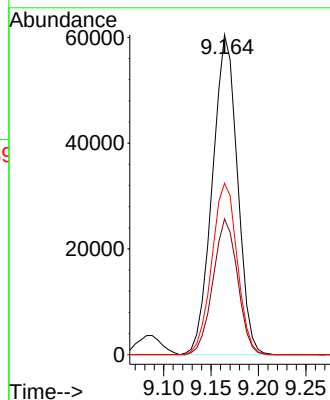
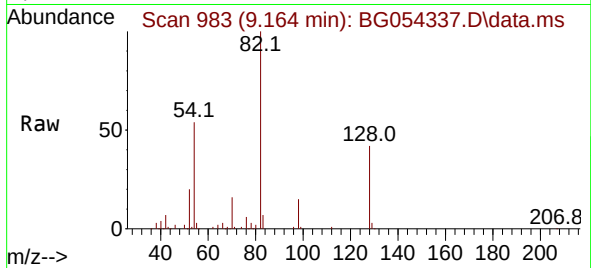




#23
Nitrobenzene-d5
Concen: 67.655 ng
RT: 9.164 min Scan# 911
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

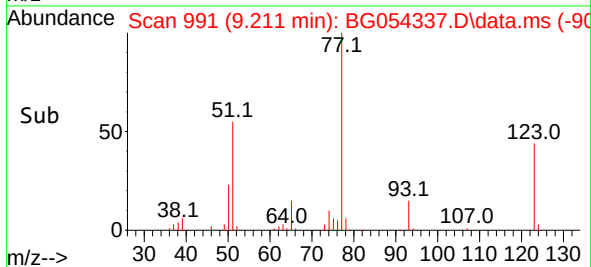
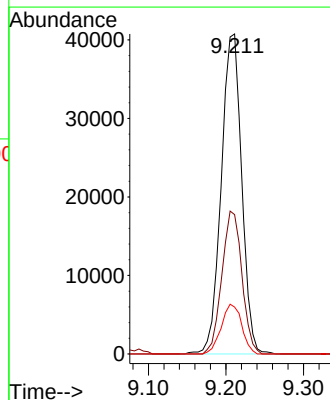
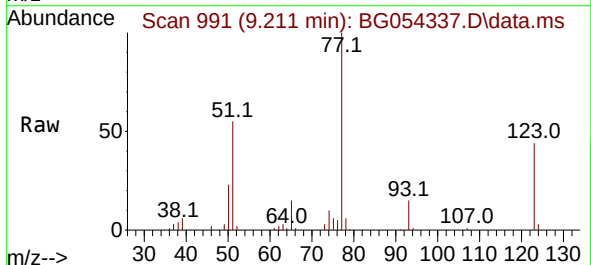
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

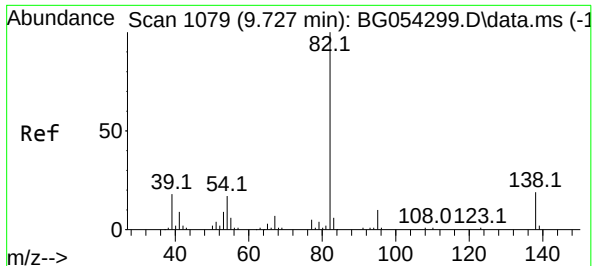
Tgt Ion: 82 Resp: 111117
Ion Ratio Lower Upper
82 100
128 42.4 27.9 41.9#
54 53.5 41.2 61.8



#24
Nitrobenzene
Concen: 46.653 ng
RT: 9.211 min Scan# 991
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion: 77 Resp: 74883
Ion Ratio Lower Upper
77 100
123 43.6 27.4 41.0#
65 14.6 11.4 17.0

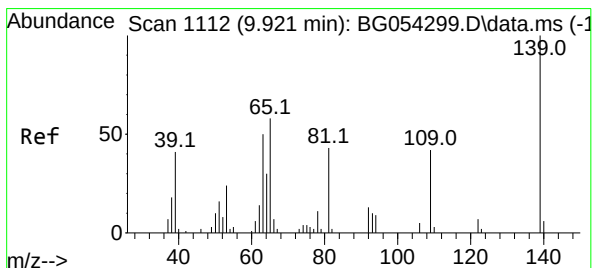
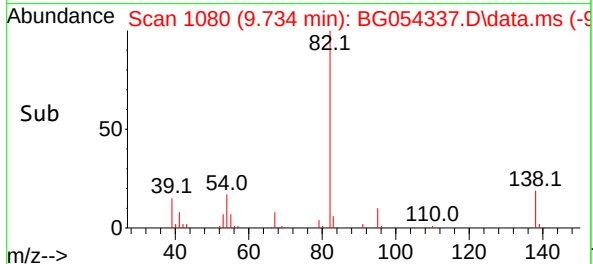
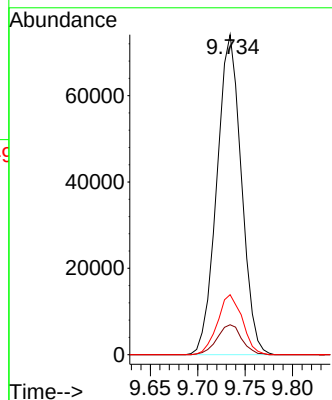
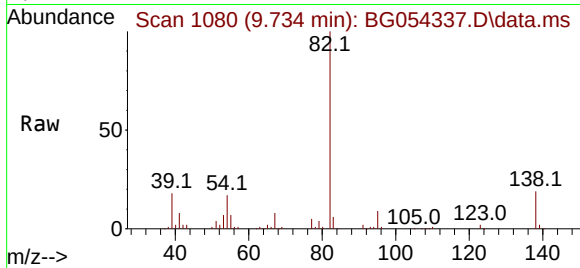




#25
Isophorone
Concen: 46.665 ng
RT: 9.734 min Scan# 1080
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

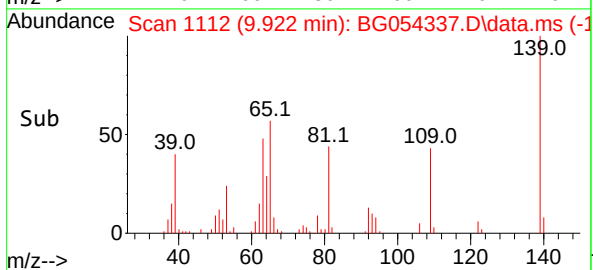
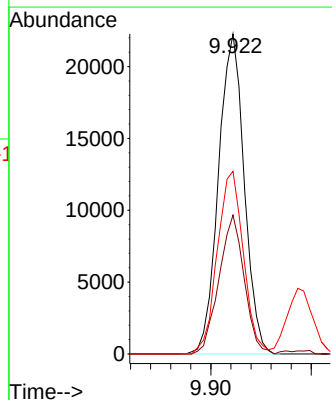
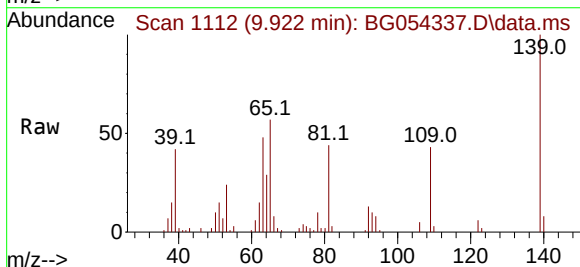
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

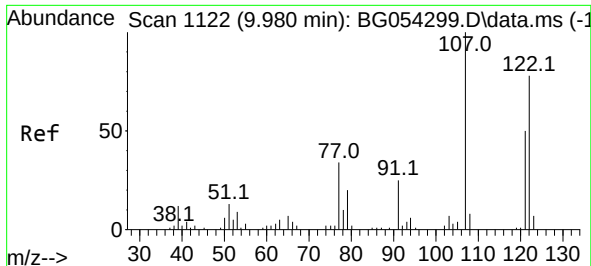
Tgt Ion: 82 Resp: 133296
Ion Ratio Lower Upper
82 100
95 9.4 6.2 9.4#
138 18.8 11.6 17.4#



#26
2-Nitrophenol
Concen: 48.940 ng
RT: 9.922 min Scan# 1112
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion: 139 Resp: 39596
Ion Ratio Lower Upper
139 100
109 43.4 36.1 54.1
65 57.1 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 58.513 ng

RT: 9.987 min Scan# 1122

Delta R.T. 0.007 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

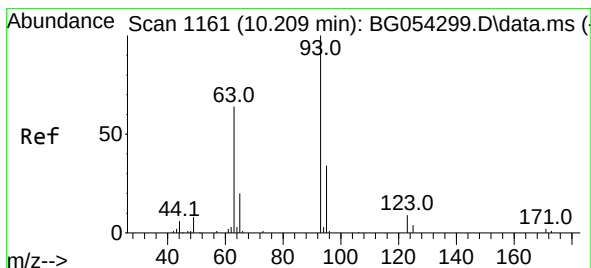
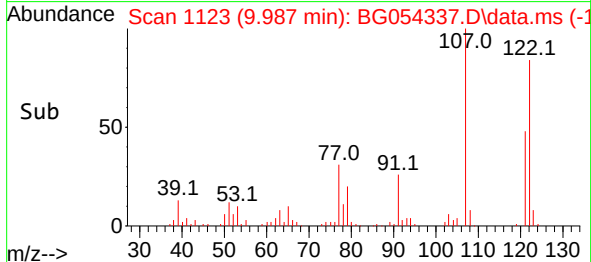
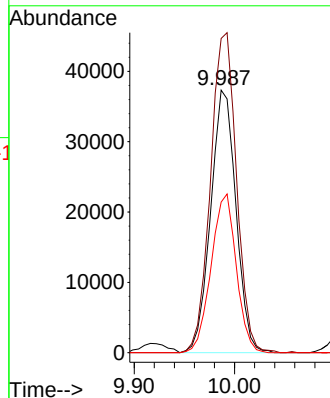
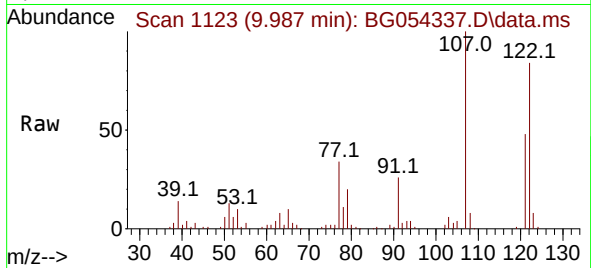
Tgt Ion:122 Resp: 65399

Ion Ratio Lower Upper

122 100

107 119.7 109.4 164.0

121 57.4 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 51.082 ng

RT: 10.210 min Scan# 1161

Delta R.T. 0.001 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

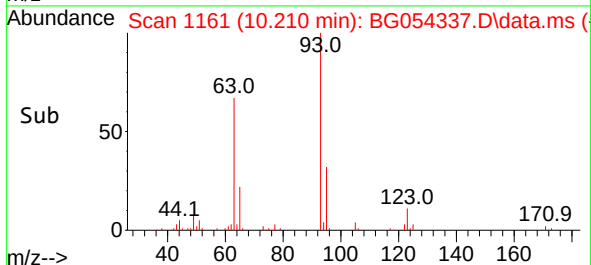
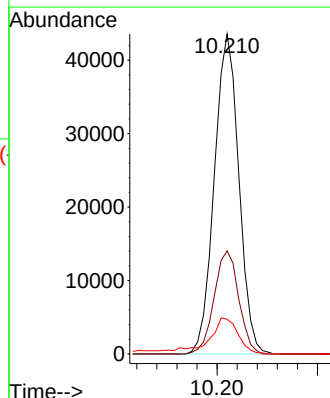
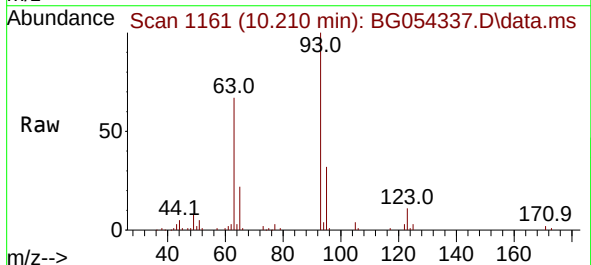
Tgt Ion: 93 Resp: 73592

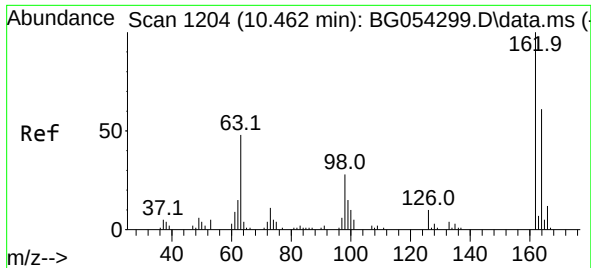
Ion Ratio Lower Upper

93 100

95 32.2 26.9 40.3

123 10.8 7.7 11.5

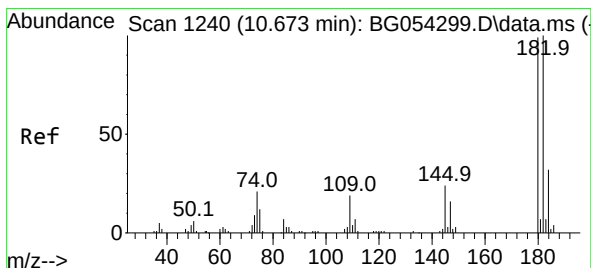
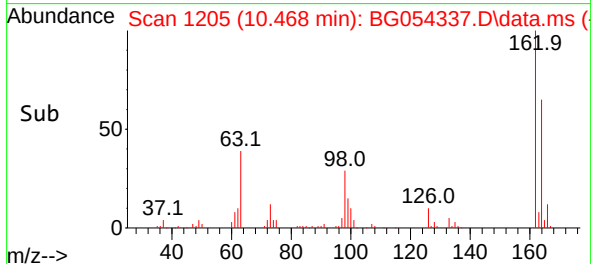
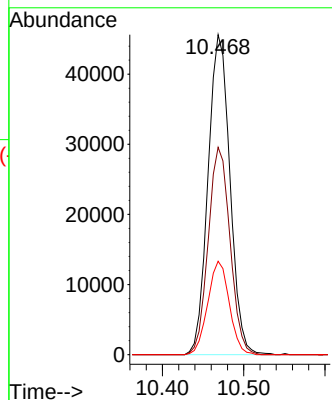
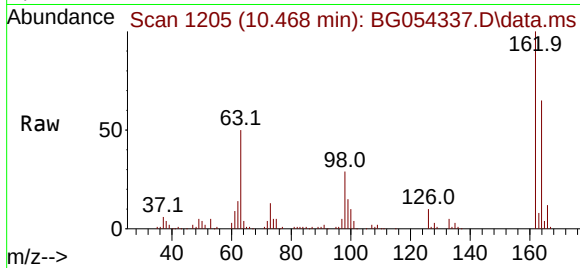




#29
2,4-Dichlorophenol
Concen: 50.660 ng
RT: 10.468 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

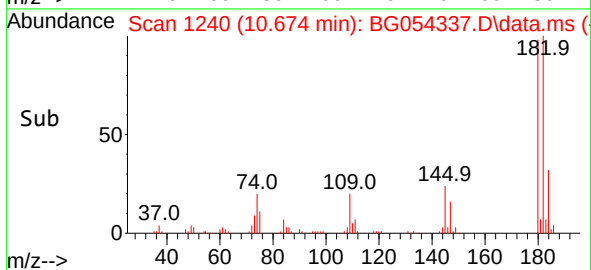
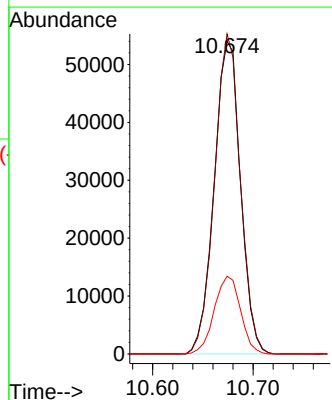
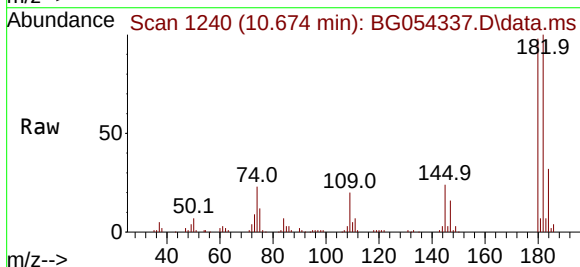
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

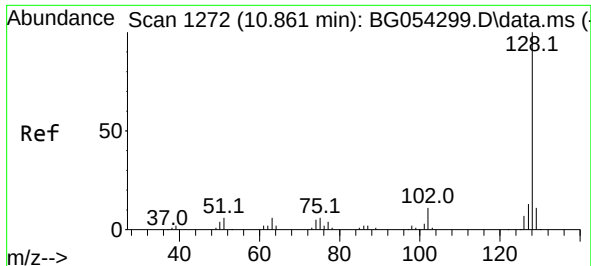
Tgt Ion:162 Resp: 85466
Ion Ratio Lower Upper
162 100
164 64.8 46.6 86.6
98 29.2 22.8 62.8



#30
1,2,4-Trichlorobenzene
Concen: 47.183 ng
RT: 10.674 min Scan# 1240
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:180 Resp: 98583
Ion Ratio Lower Upper
180 100
182 102.4 76.6 115.0
145 24.9 25.0 37.4#

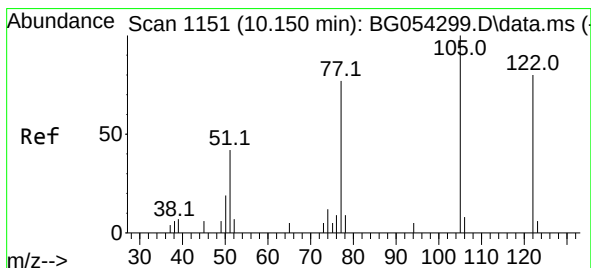
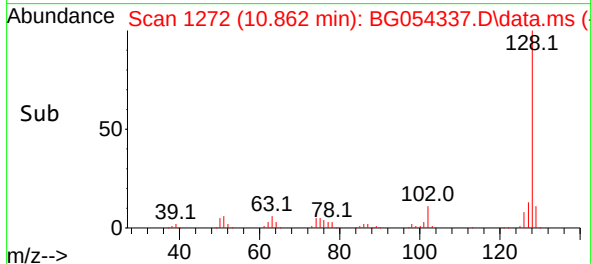
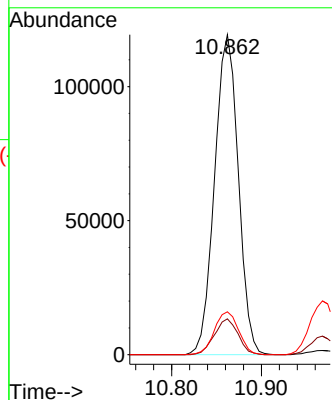
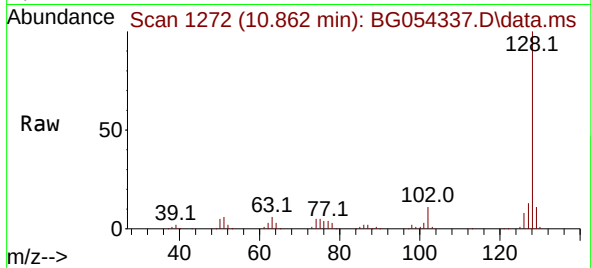




#31
Naphthalene
Concen: 48.750 ng
RT: 10.862 min Scan# 1156
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

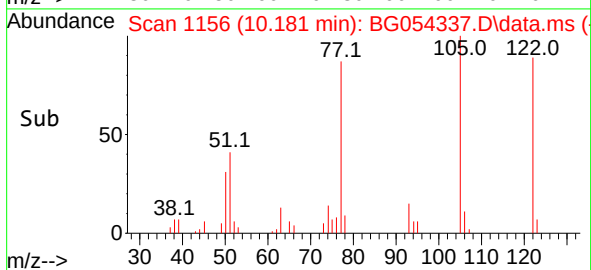
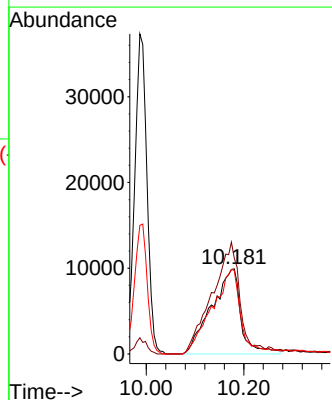
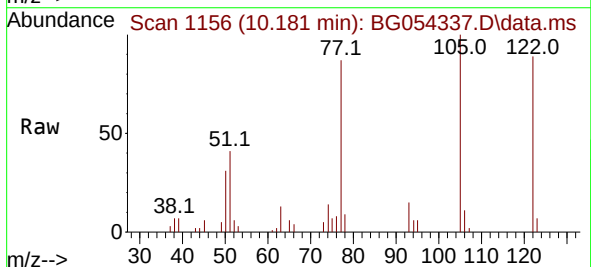
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

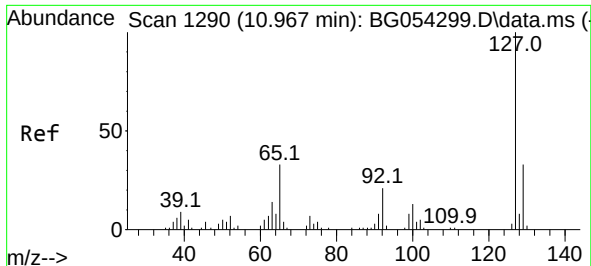
Tgt Ion:128 Resp: 218877
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 86.723 ng
RT: 10.181 min Scan# 1156
Delta R.T. 0.031 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:122 Resp: 41739
Ion Ratio Lower Upper
122 100
105 112.5 111.8 151.8
77 98.1 109.4 149.4#

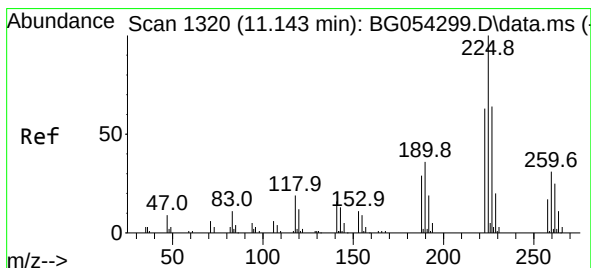
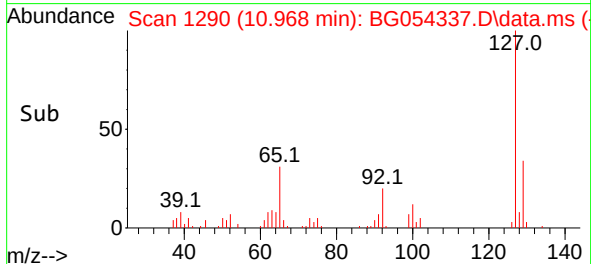
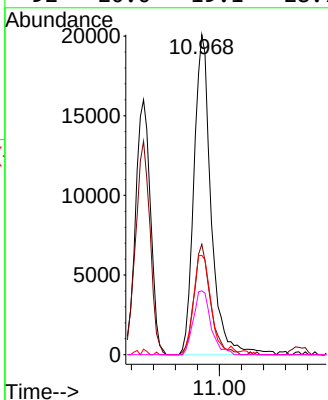
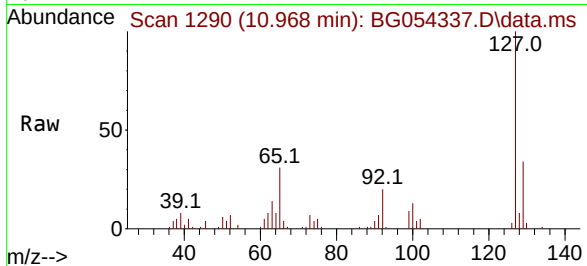




#33
4-Chloroaniline
Concen: 23.832 ng
RT: 10.968 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

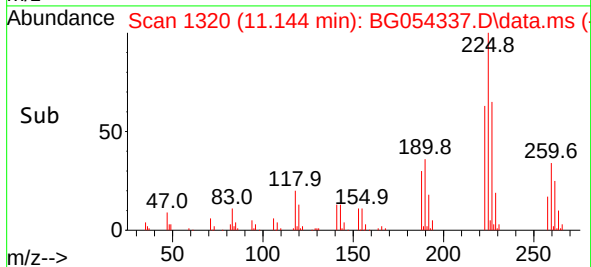
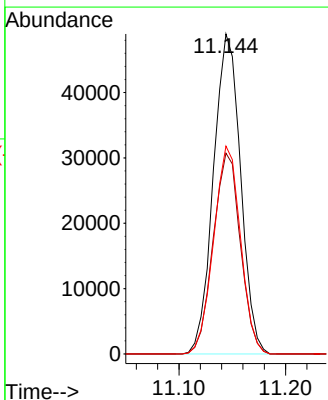
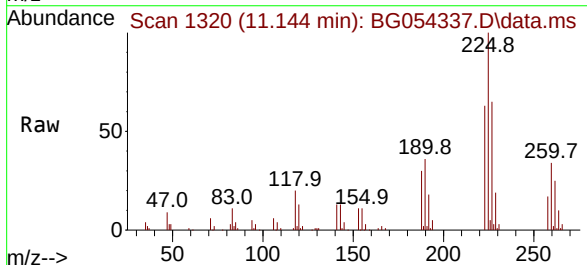
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

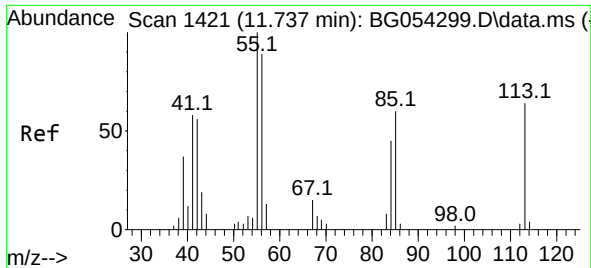
Tgt Ion:	127	Resp:	43512
Ion Ratio	Lower	Upper	
127	100		
129	34.5	26.3	39.5
65	31.1	31.1	46.7#
92	20.0	19.1	28.7



#34
Hexachlorobutadiene
Concen: 46.819 ng
RT: 11.144 min Scan# 1320
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:	225	Resp:	86452
Ion Ratio	Lower	Upper	
225	100		
223	62.7	48.9	73.3
227	65.0	52.8	79.2

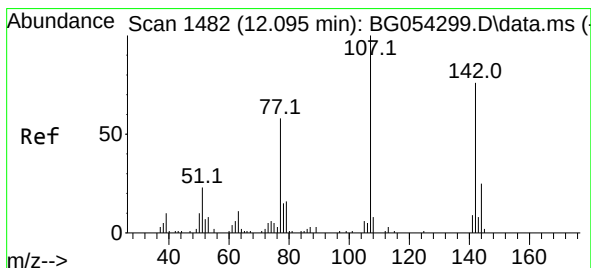
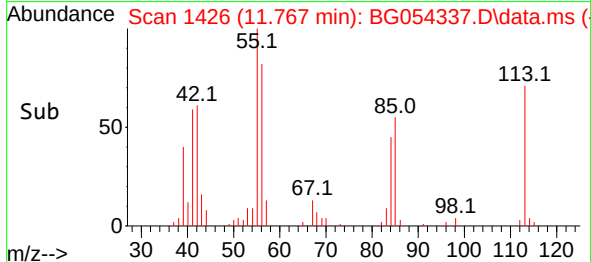
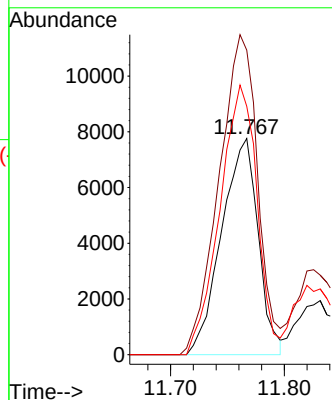
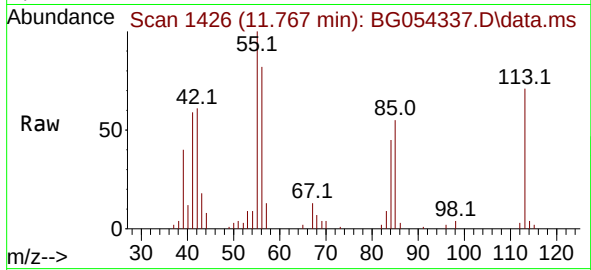




#35
Caprolactam
Concen: 40.844 ng
RT: 11.767 min Scan# 1421
Delta R.T. 0.030 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

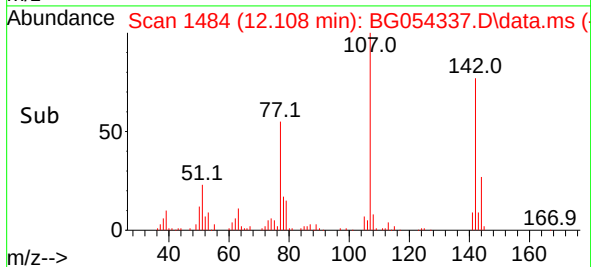
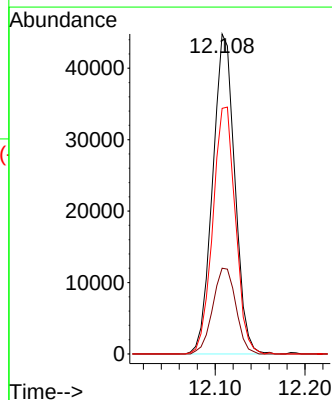
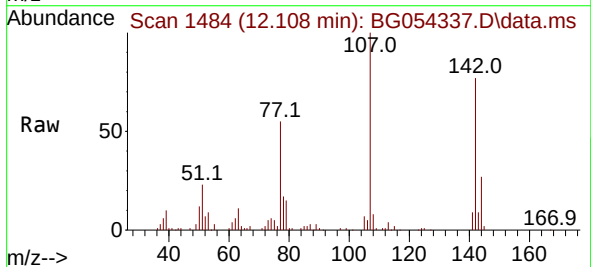
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

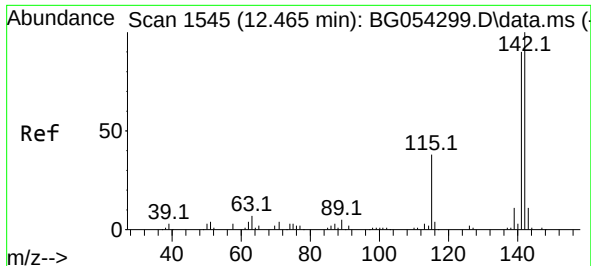
Tgt Ion:113 Resp: 17350
Ion Ratio Lower Upper
113 100
55 140.8 169.8 209.8#
56 114.8 141.2 181.2#



#36
4-Chloro-3-methylphenol
Concen: 50.086 ng
RT: 12.108 min Scan# 1484
Delta R.T. 0.013 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:107 Resp: 76871
Ion Ratio Lower Upper
107 100
144 26.8 18.5 27.7
142 76.7 55.0 82.4

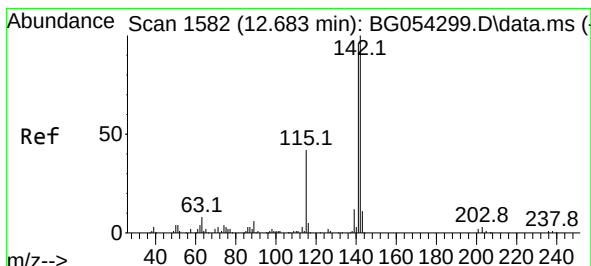
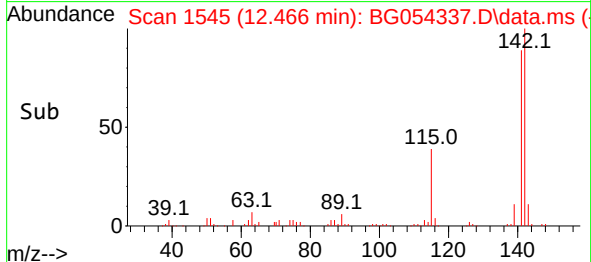
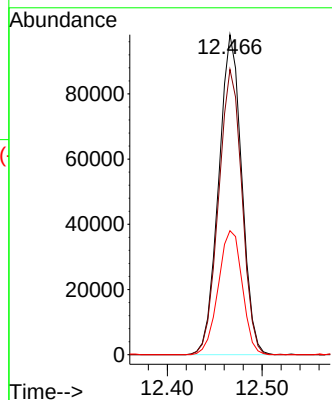
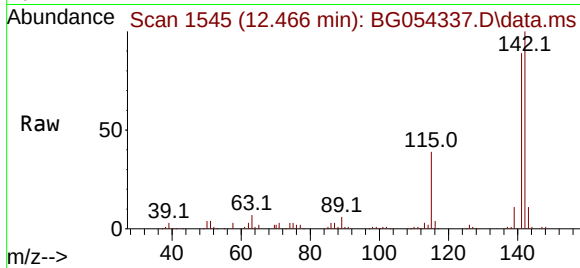




#37
2-Methylnaphthalene
Concen: 48.152 ng
RT: 12.466 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

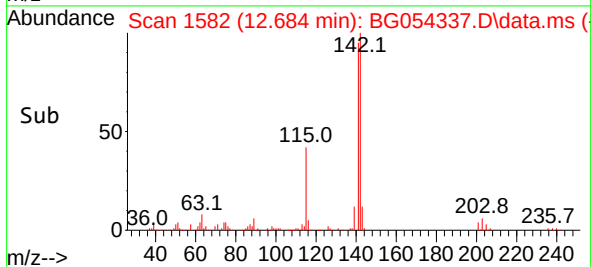
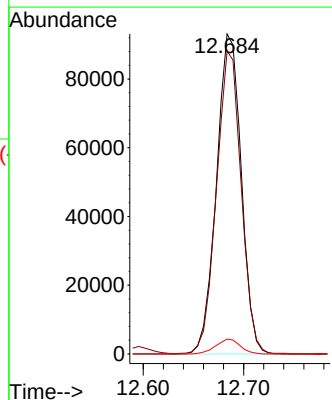
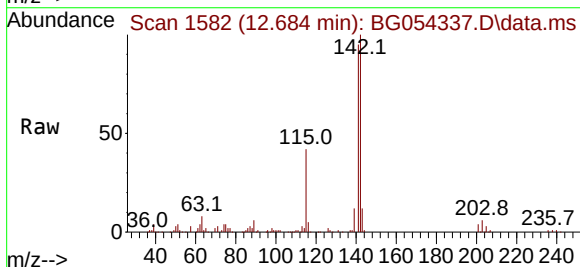
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

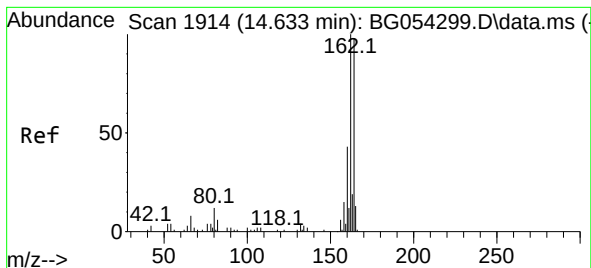
Tgt Ion:142 Resp: 166020
Ion Ratio Lower Upper
142 100
141 89.1 72.3 108.5
115 38.8 33.7 50.5



#38
1-Methylnaphthalene
Concen: 47.407 ng
RT: 12.684 min Scan# 1582
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:142 Resp: 159270
Ion Ratio Lower Upper
142 100
141 94.7 76.4 114.6
116 4.7 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.634 min Scan# 1914

Delta R.T. 0.001 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

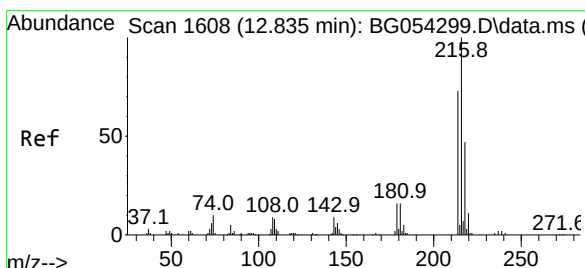
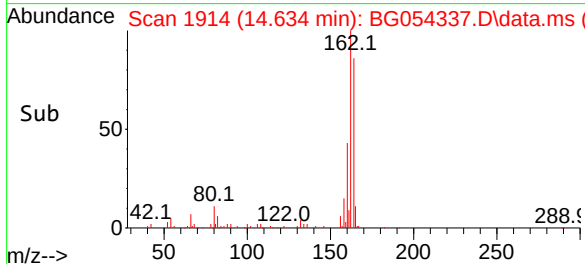
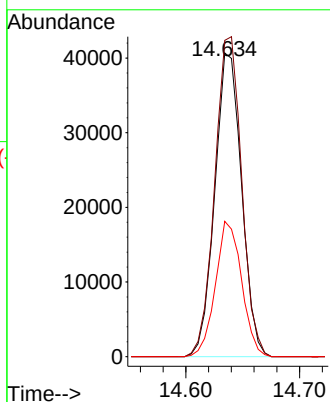
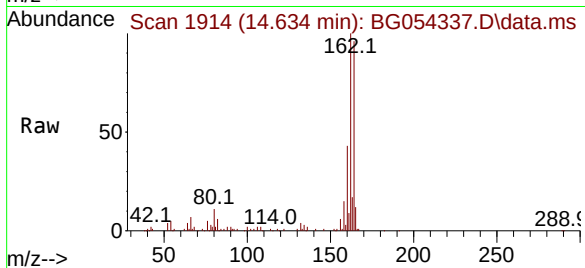
Tgt Ion:164 Resp: 66555

Ion Ratio Lower Upper

164 100

162 104.2 82.3 123.5

160 44.6 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.412 ng

RT: 12.836 min Scan# 1608

Delta R.T. 0.001 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

Tgt Ion:216 Resp: 149911

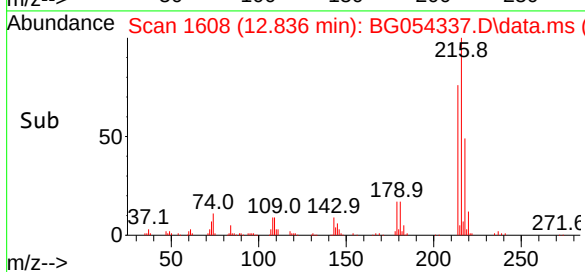
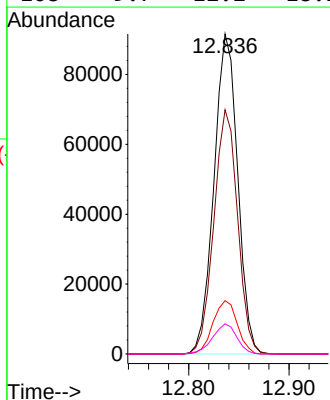
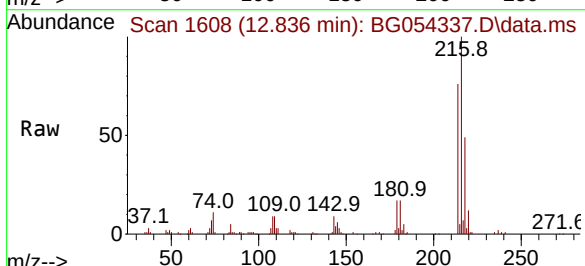
Ion Ratio Lower Upper

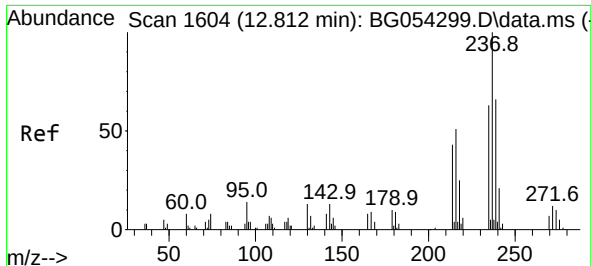
216 100

214 76.3 62.9 94.3

179 17.1 16.1 24.1

108 9.7 12.2 18.2#

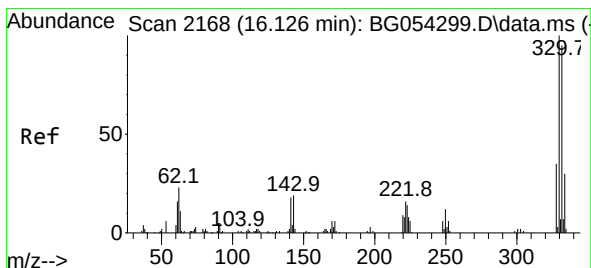
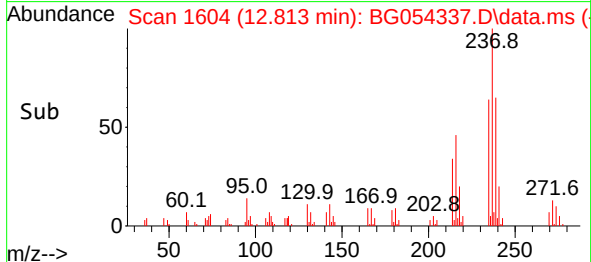
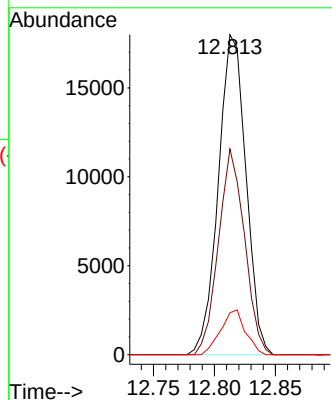
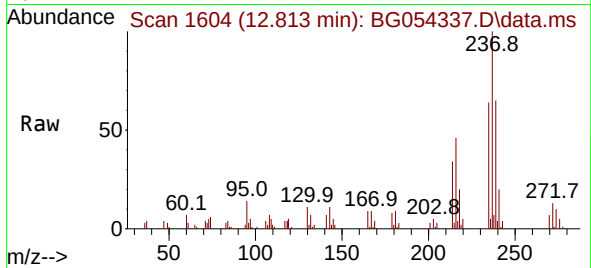




#41
Hexachlorocyclopentadiene
Concen: 35.310 ng
RT: 12.813 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

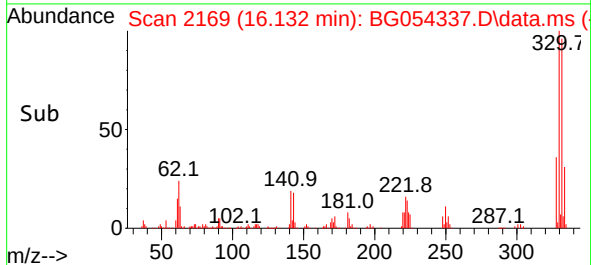
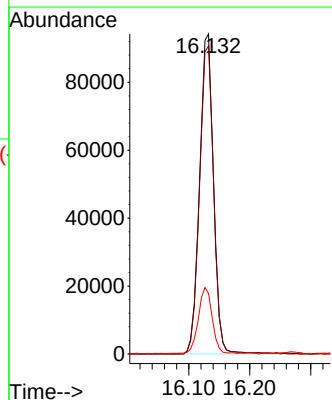
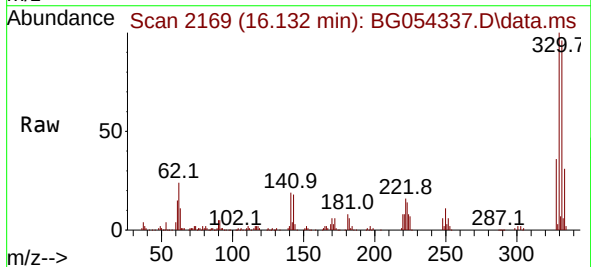
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

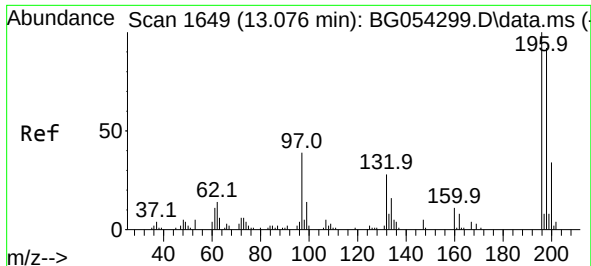
Tgt Ion:237 Resp: 28409
Ion Ratio Lower Upper
237 100
235 64.3 43.5 83.5
272 13.1 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 107.343 ng
RT: 16.132 min Scan# 2169
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:330 Resp: 150002
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 21.1 27.1 40.7#

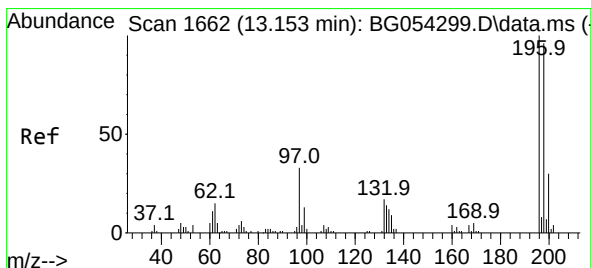
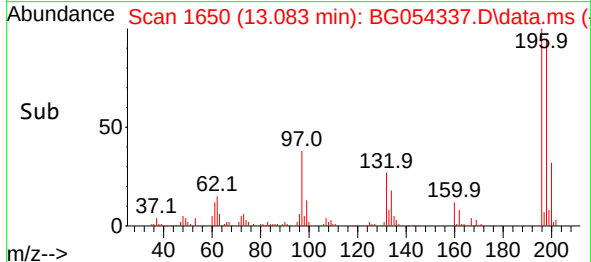
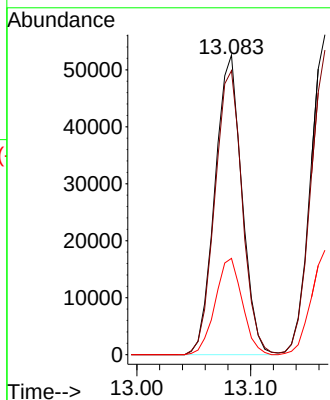
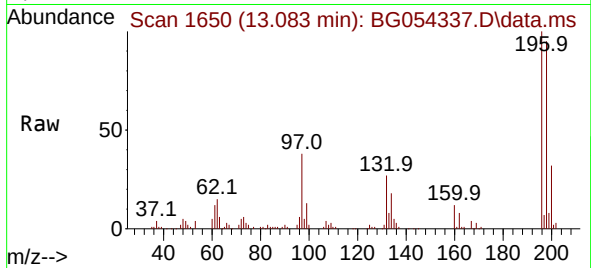




#43
2,4,6-Trichlorophenol
Concen: 54.660 ng
RT: 13.083 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

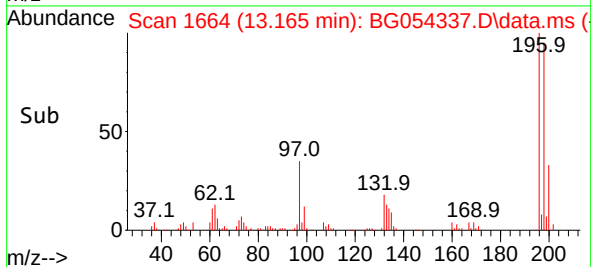
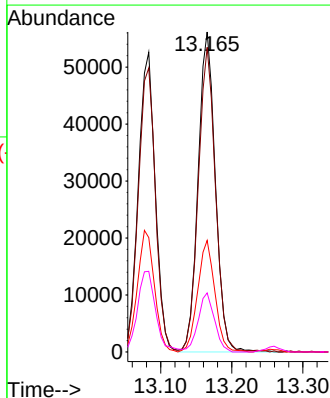
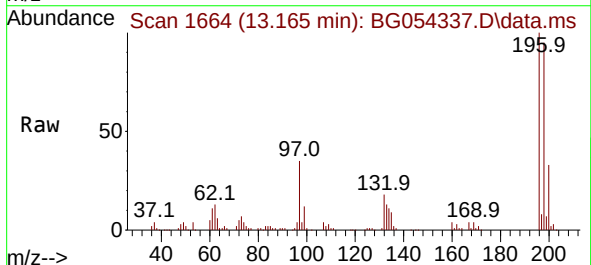
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

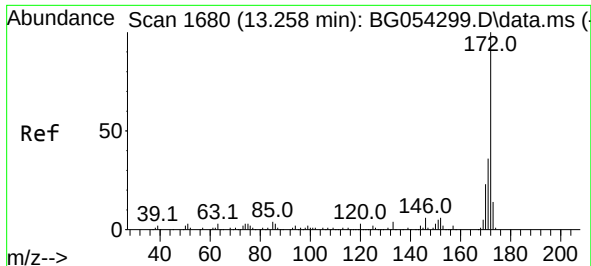
Tgt Ion:196 Resp: 86782
Ion Ratio Lower Upper
196 100
198 94.8 74.1 111.1
200 32.1 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 52.910 ng
RT: 13.165 min Scan# 1664
Delta R.T. 0.013 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:196 Resp: 94916
Ion Ratio Lower Upper
196 100
198 95.2 76.8 115.2
97 34.9 39.8 59.6#
132 18.5 18.4 27.6

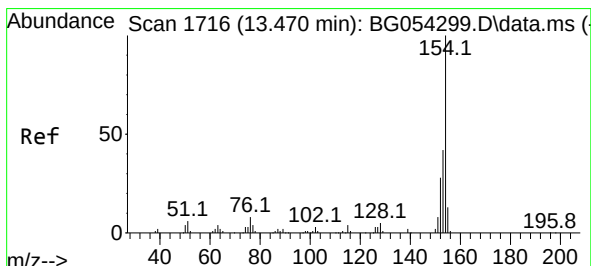
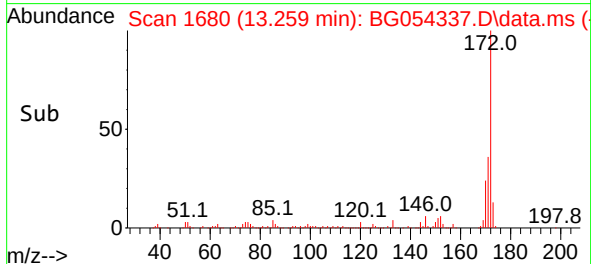
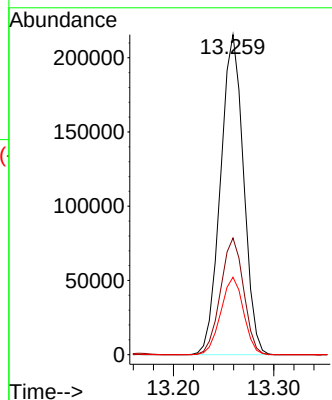
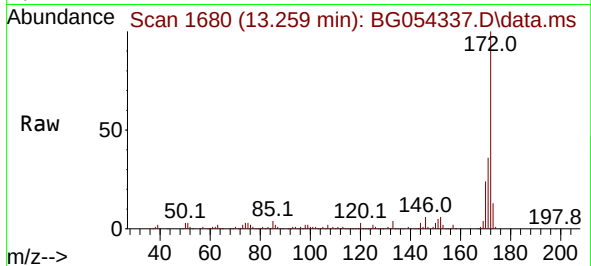




#45
2-Fluorobiphenyl
Concen: 72.630 ng
RT: 13.259 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

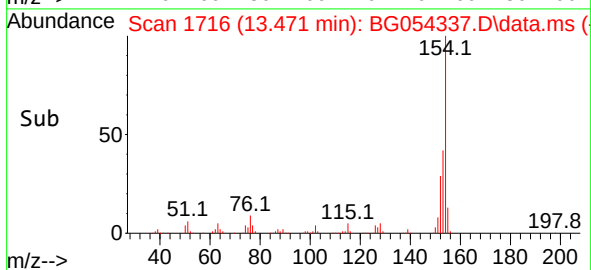
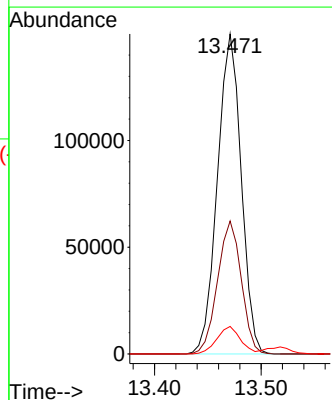
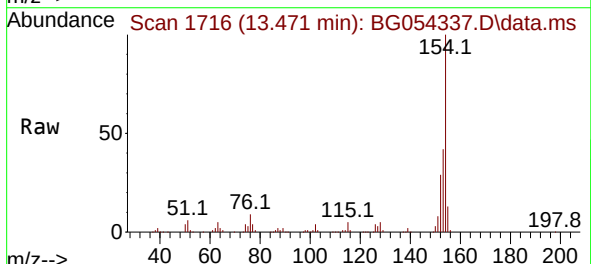
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

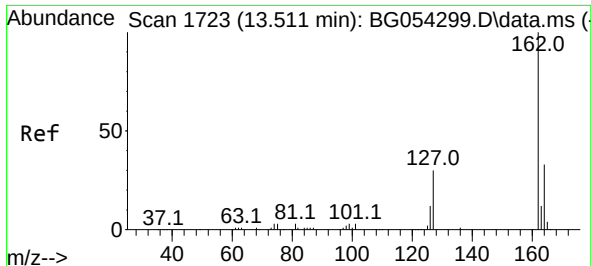
Tgt Ion:172 Resp: 342660
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 50.899 ng
RT: 13.471 min Scan# 1716
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:154 Resp: 231757
Ion Ratio Lower Upper
154 100
153 41.6 21.6 61.6
76 8.6 0.0 32.6

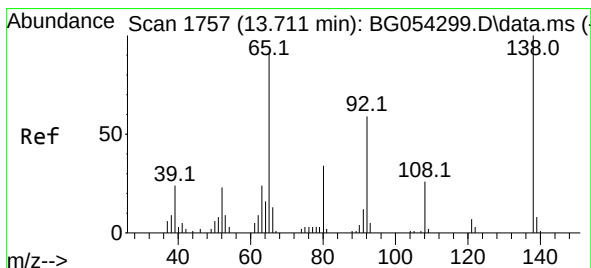
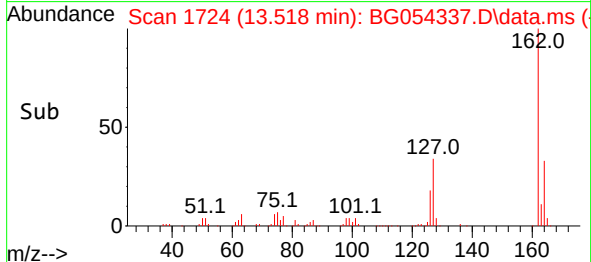
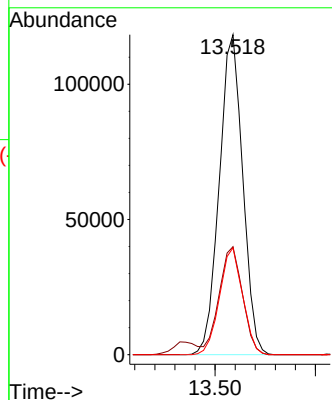
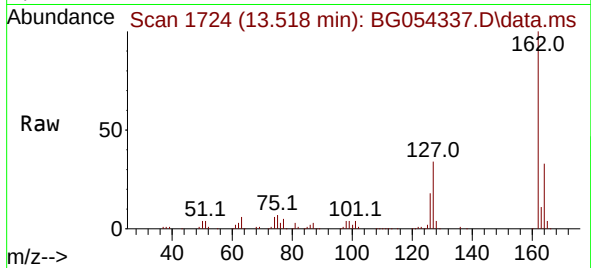




#47
2-Chloronaphthalene
Concen: 50.265 ng
RT: 13.518 min Scan# 1723
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

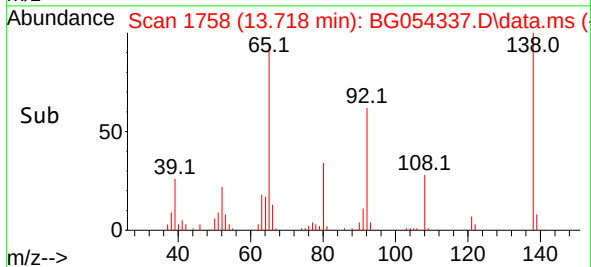
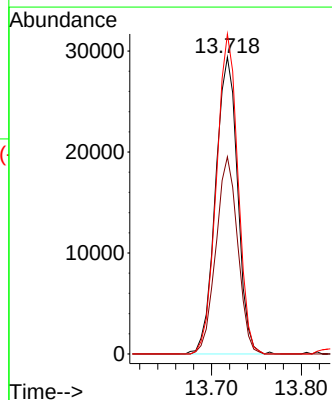
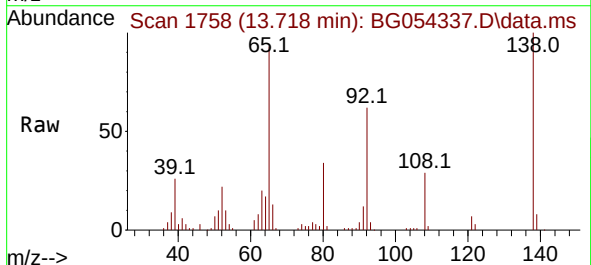
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

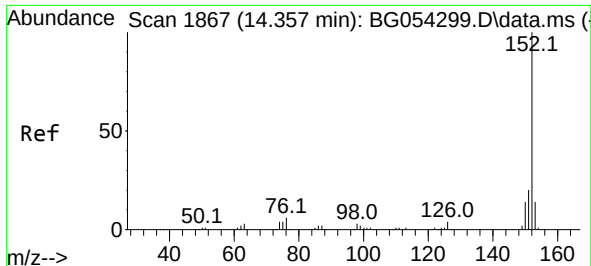
Tgt Ion:162 Resp: 191534
Ion Ratio Lower Upper
162 100
127 33.7 30.6 45.8
164 33.4 26.5 39.7



#48
2-Nitroaniline
Concen: 50.466 ng
RT: 13.718 min Scan# 1758
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion: 65 Resp: 50186
Ion Ratio Lower Upper
65 100
92 66.4 51.5 77.3
138 107.8 71.3 106.9#

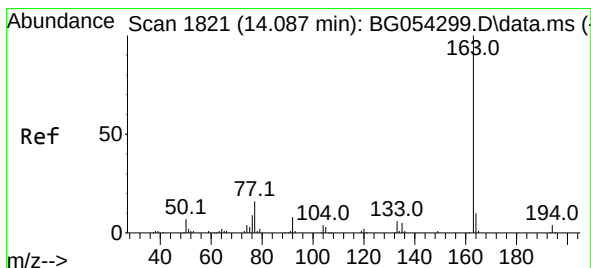
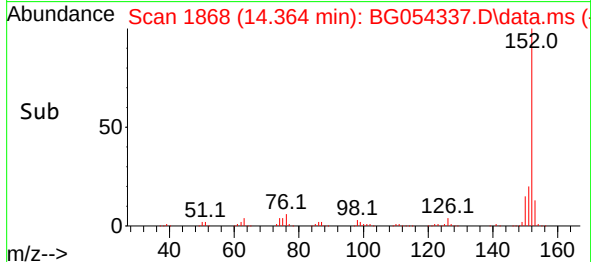
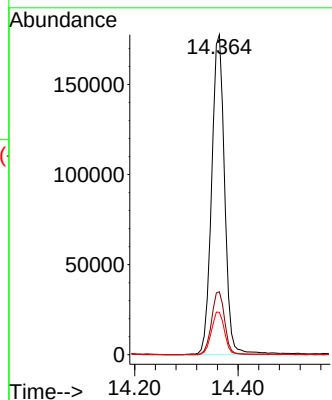
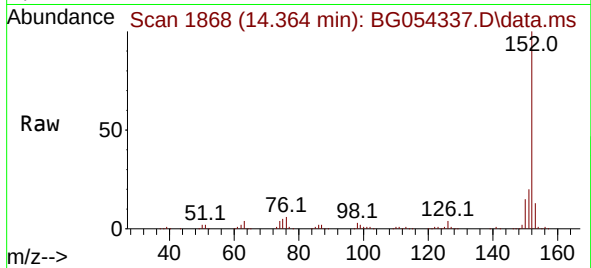




#49
Acenaphthylene
Concen: 54.750 ng
RT: 14.364 min Scan# 1867
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

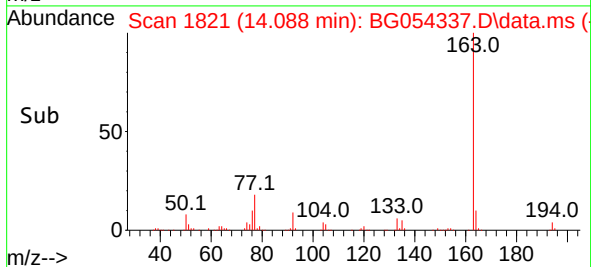
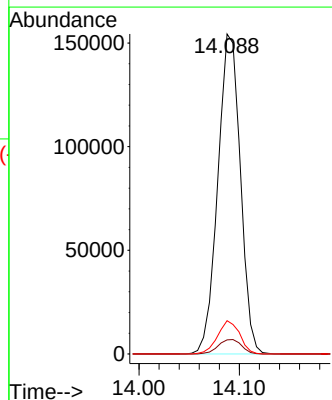
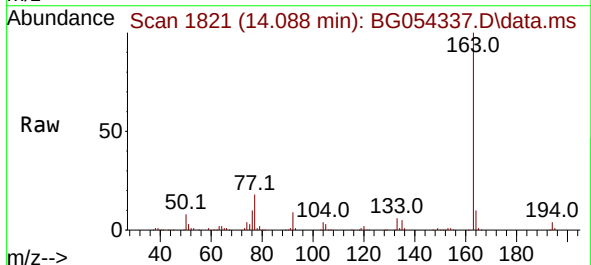
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

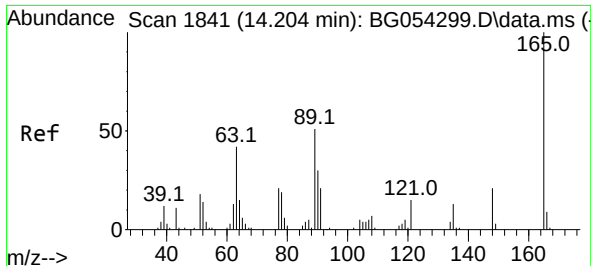
Tgt Ion:152 Resp: 309995
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 13.3 10.8 16.2



#50
Dimethylphthalate
Concen: 46.344 ng
RT: 14.088 min Scan# 1821
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:163 Resp: 240922
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 10.4 8.0 12.0

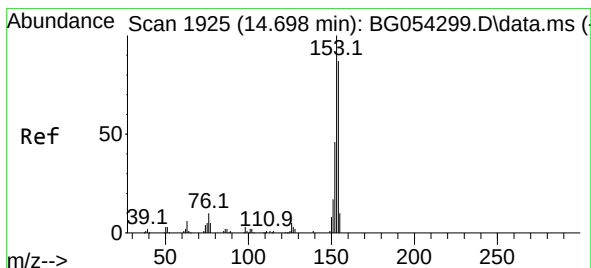
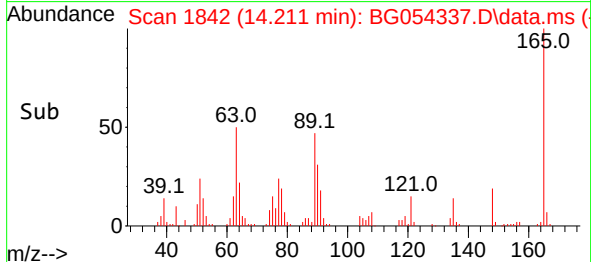
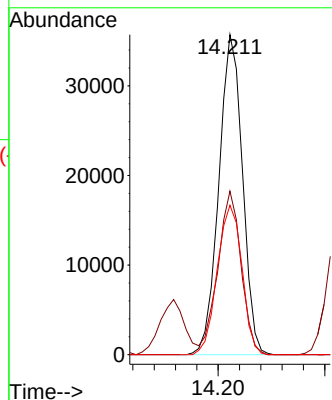
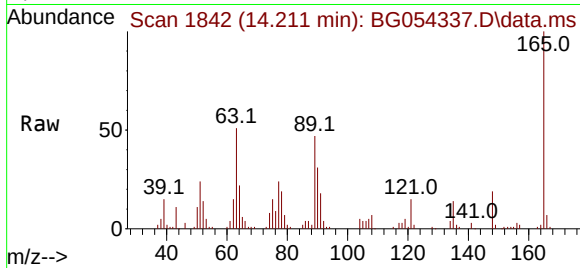




#51
2,6-Dinitrotoluene
Concen: 48.108 ng
RT: 14.211 min Scan# 1842
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

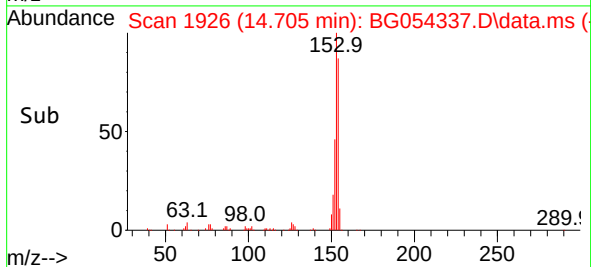
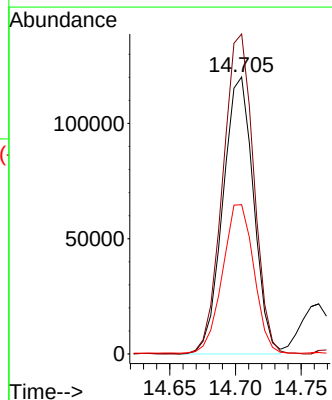
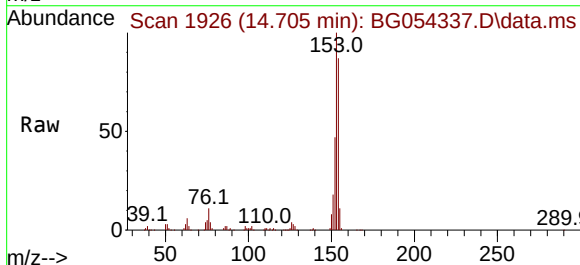
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

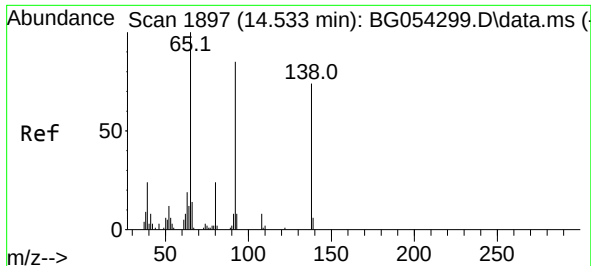
Tgt Ion:165 Resp: 54855
Ion Ratio Lower Upper
165 100
63 51.1 54.1 81.1#
89 46.7 54.8 82.2#



#52
Acenaphthene
Concen: 56.936 ng
RT: 14.705 min Scan# 1926
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:154 Resp: 195212
Ion Ratio Lower Upper
154 100
153 115.5 92.7 139.1
152 53.9 42.6 64.0

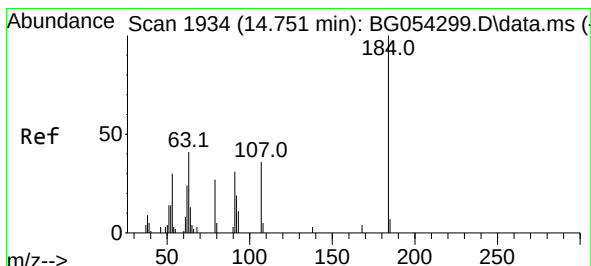
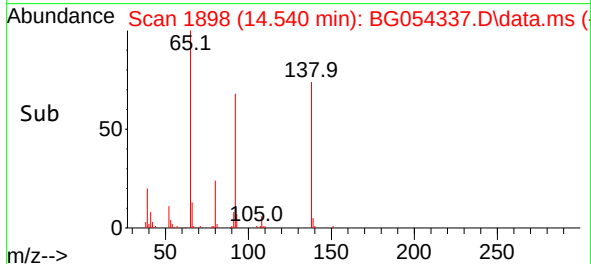
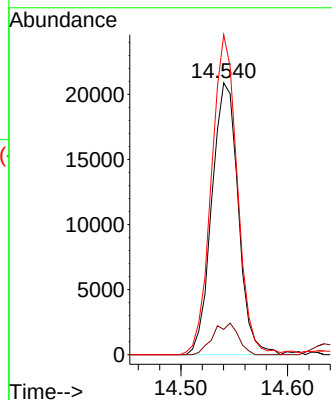
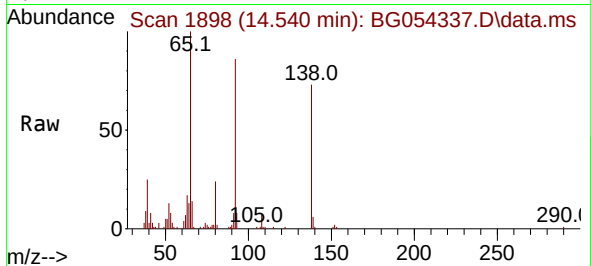




#53
3-Nitroaniline
Concen: 37.667 ng
RT: 14.540 min Scan# 1898
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

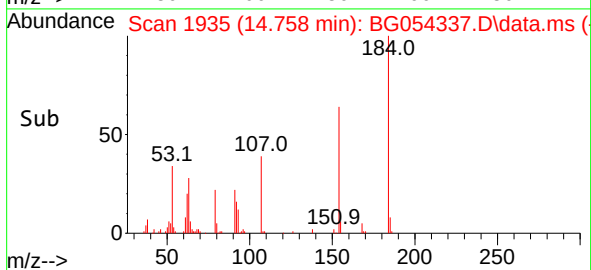
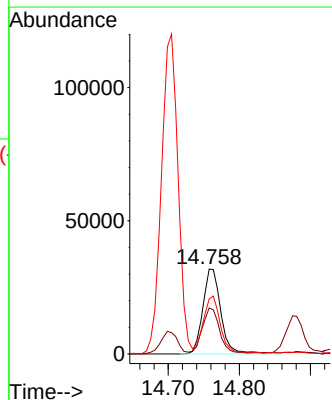
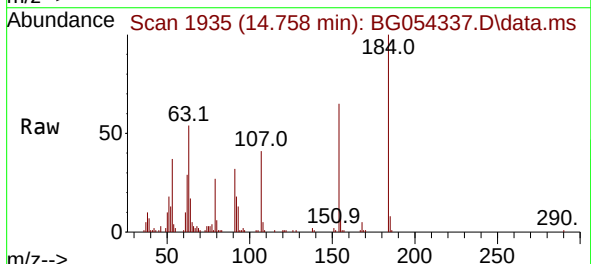
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

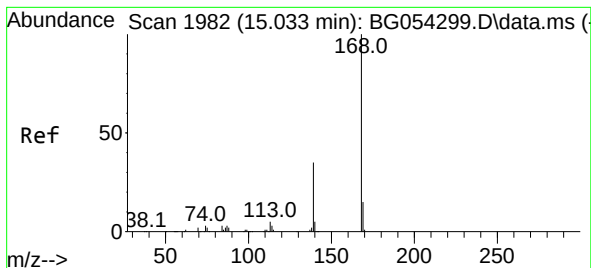
Tgt Ion:138 Resp: 35921
Ion Ratio Lower Upper
138 100
108 9.3 9.2 13.8
92 117.7 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 85.085 ng
RT: 14.758 min Scan# 1935
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:184 Resp: 56615
Ion Ratio Lower Upper
184 100
63 54.1 61.1 91.7#
154 64.7 60.6 91.0





#55

Dibenzofuran

Concen: 49.706 ng

RT: 15.040 min Scan# 1982

Delta R.T. 0.007 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

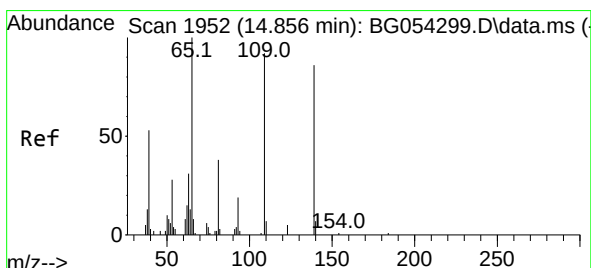
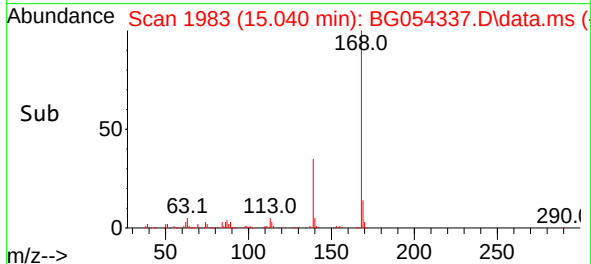
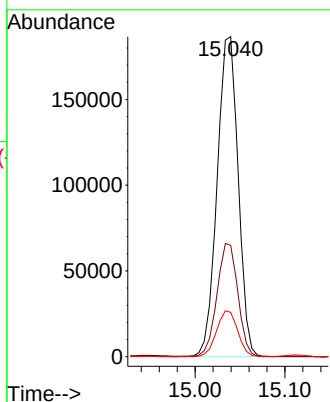
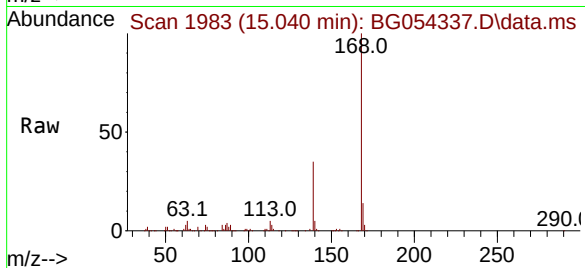
Tgt Ion:168 Resp: 303236

Ion Ratio Lower Upper

168 100

139 34.8 30.5 45.7

169 13.9 10.3 15.5



#56

4-Nitrophenol

Concen: 107.006 ng

RT: 14.881 min Scan# 1956

Delta R.T. 0.025 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

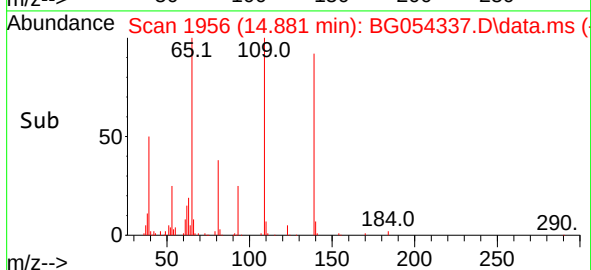
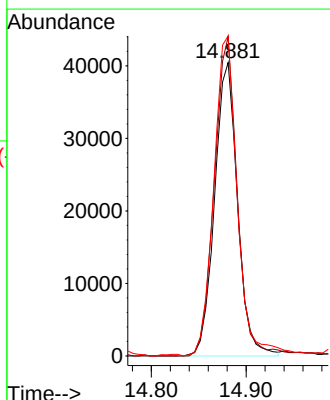
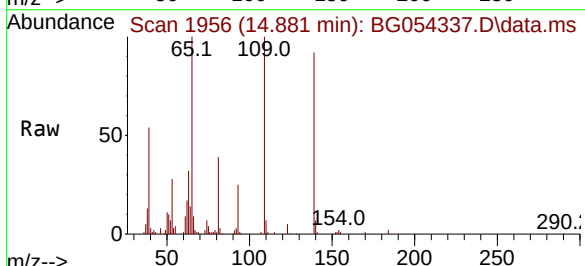
Tgt Ion:139 Resp: 68082

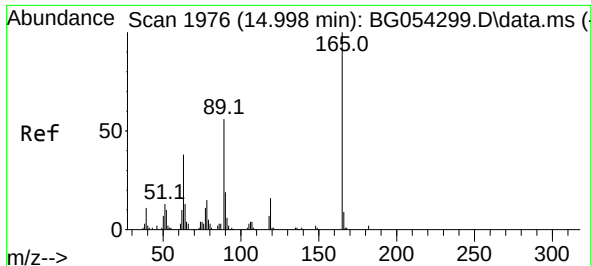
Ion Ratio Lower Upper

139 100

109 108.8 88.5 128.5

65 109.1 93.9 133.9

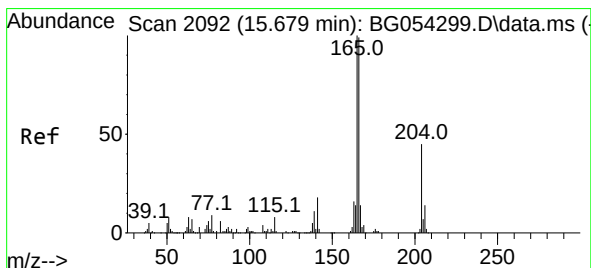
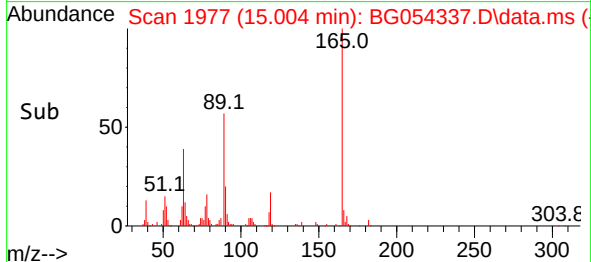
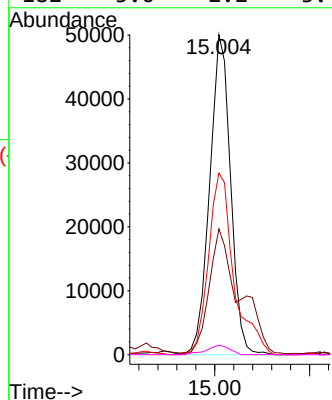
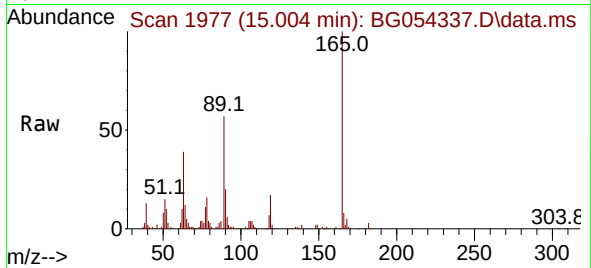




#57
2,4-Dinitrotoluene
Concen: 46.881 ng
RT: 15.004 min Scan# 1977
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

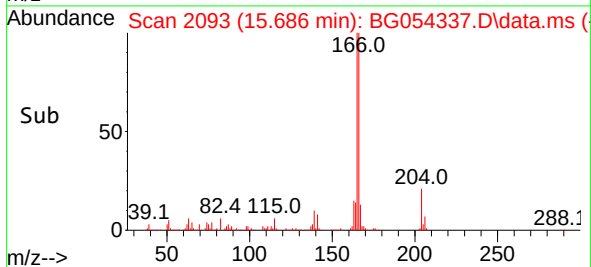
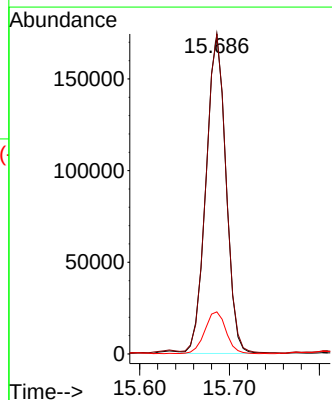
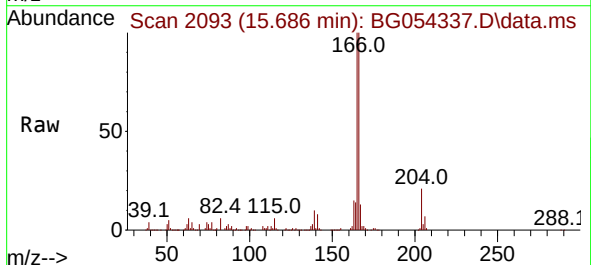
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

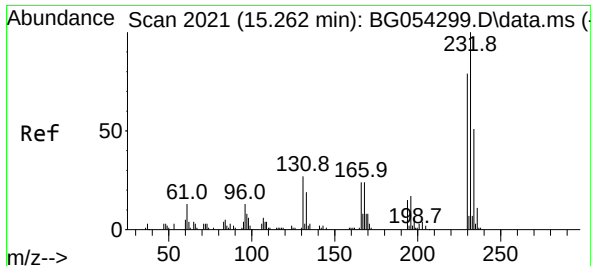
Tgt Ion:165 Resp: 76633
Ion Ratio Lower Upper
165 100
63 39.3 34.6 52.0
89 56.8 60.3 90.5#
182 3.0 2.2 3.4



#58
Fluorene
Concen: 53.428 ng
RT: 15.686 min Scan# 2093
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:166 Resp: 267983
Ion Ratio Lower Upper
166 100
165 99.8 75.0 112.6
167 13.2 10.8 16.2

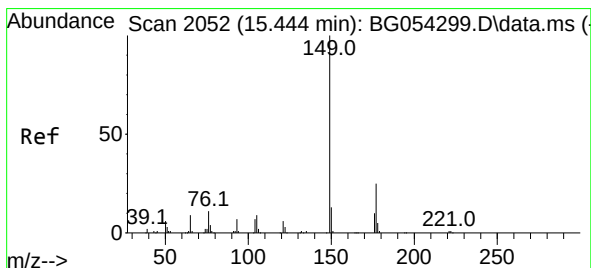
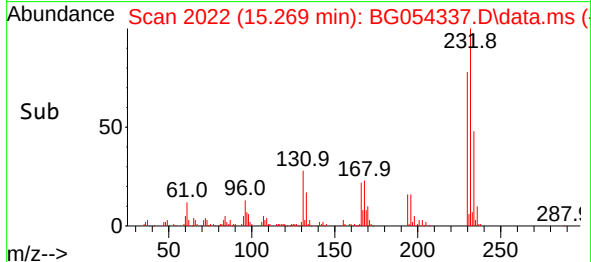
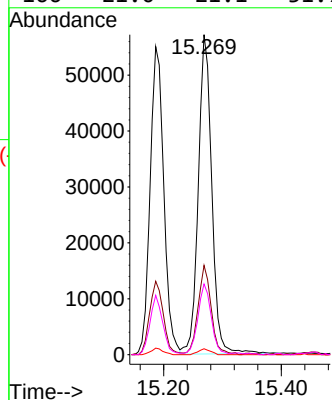
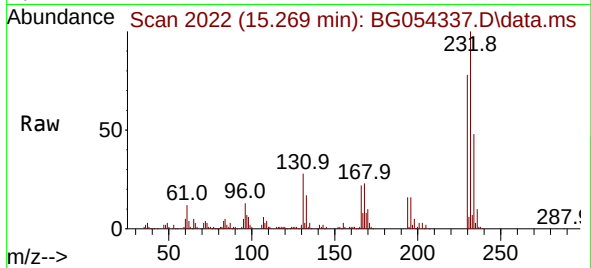




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.072 ng
RT: 15.269 min Scan# 2021
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

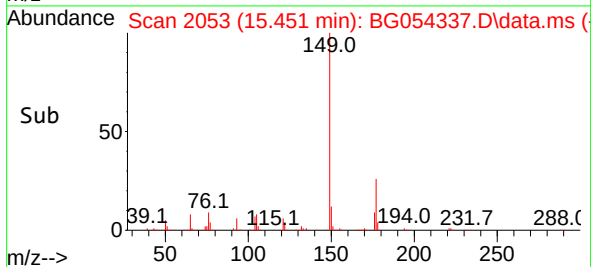
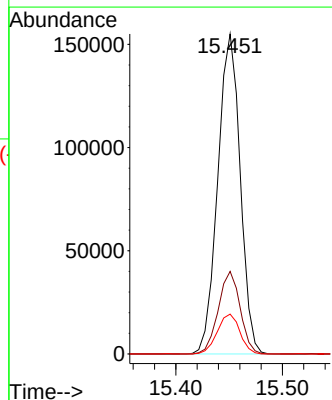
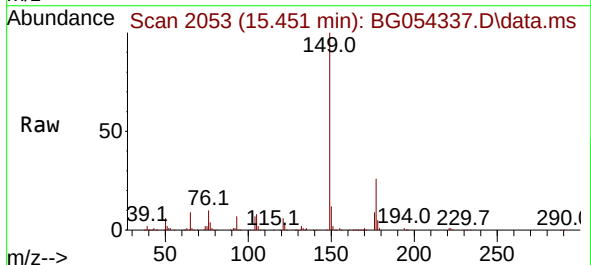
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

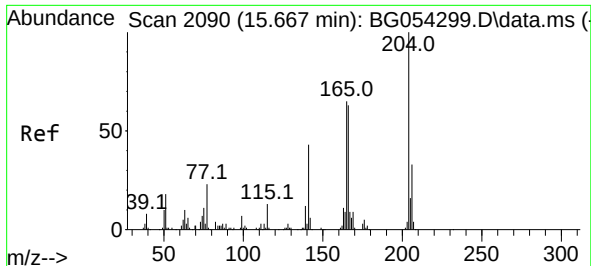
Tgt Ion:232 Resp: 90944
Ion Ratio Lower Upper
232 100
131 27.2 30.6 46.0#
130 1.7 1.8 2.8#
166 21.0 21.1 31.7#



#60
Diethylphthalate
Concen: 45.313 ng
RT: 15.451 min Scan# 2053
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:149 Resp: 225982
Ion Ratio Lower Upper
149 100
177 25.8 18.4 27.6
150 12.5 11.2 16.8

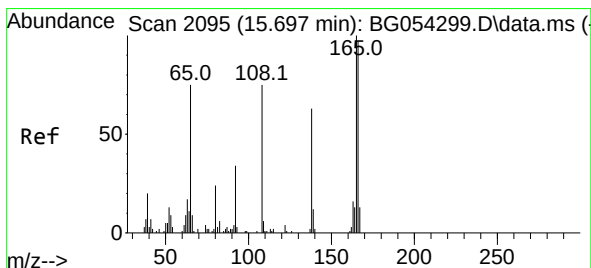
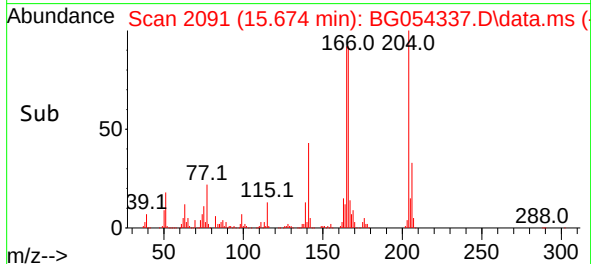
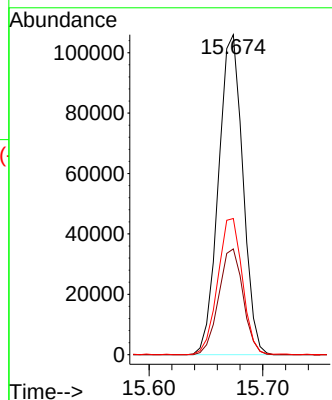
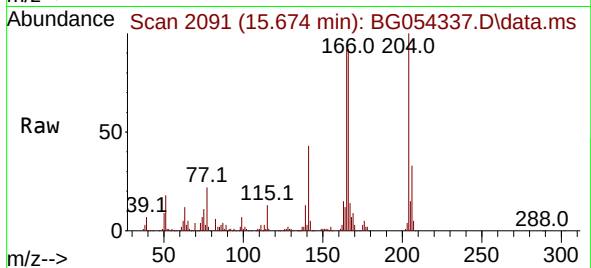




#61
4-Chlorophenyl-phenylether
Concen: 47.949 ng
RT: 15.674 min Scan# 2090
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

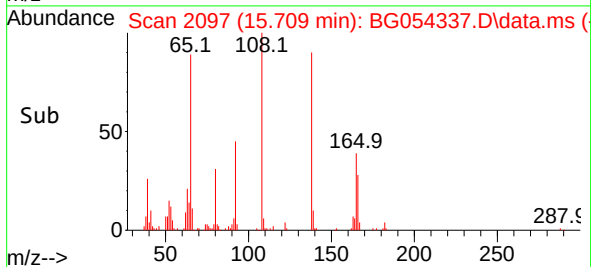
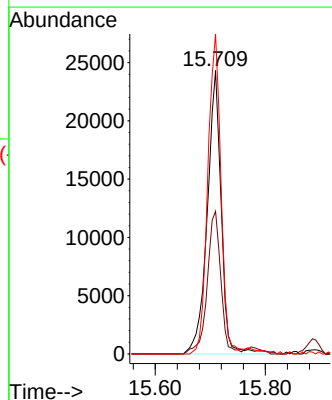
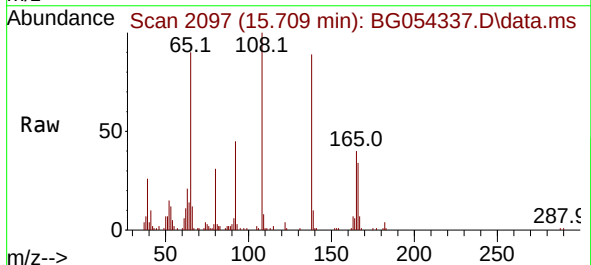
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

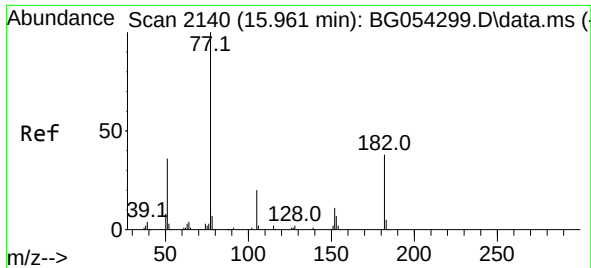
Tgt Ion:204 Resp: 157870
Ion Ratio Lower Upper
204 100
206 33.0 27.5 41.3
141 42.6 45.3 67.9#



#62
4-Nitroaniline
Concen: 42.702 ng
RT: 15.709 min Scan# 2097
Delta R.T. 0.013 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:138 Resp: 42783
Ion Ratio Lower Upper
138 100
92 50.4 40.5 80.5
108 112.9 103.7 143.7

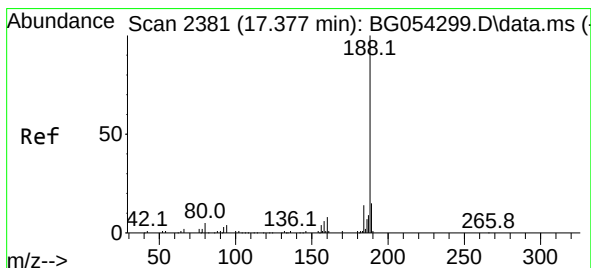
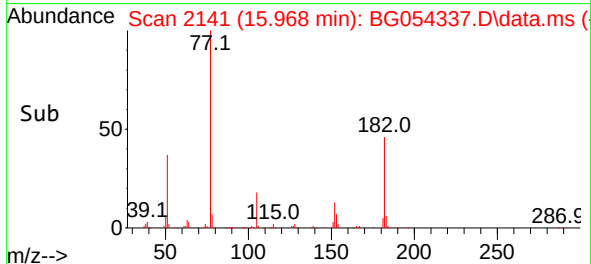
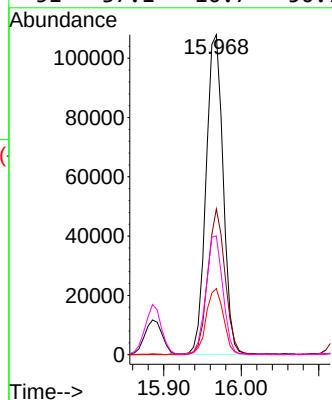
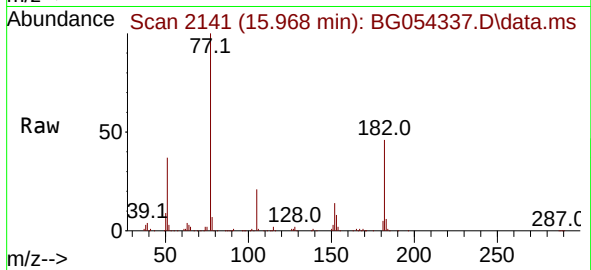




#63
Azobenzene
Concen: 45.658 ng
RT: 15.968 min Scan# 2140
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

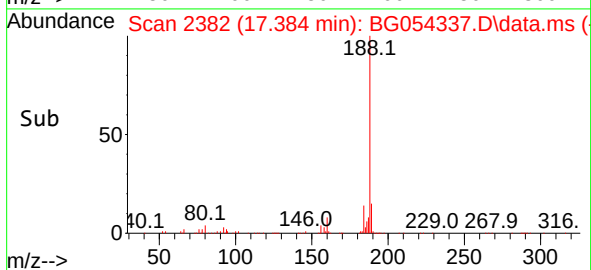
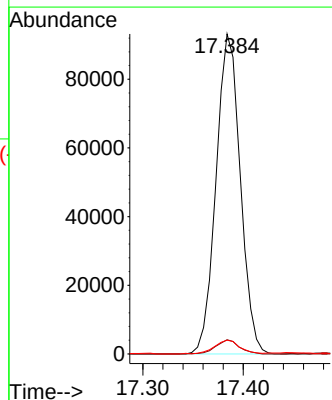
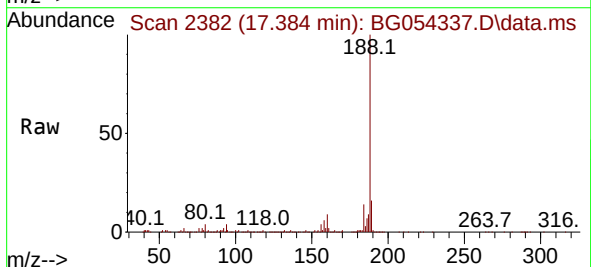
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

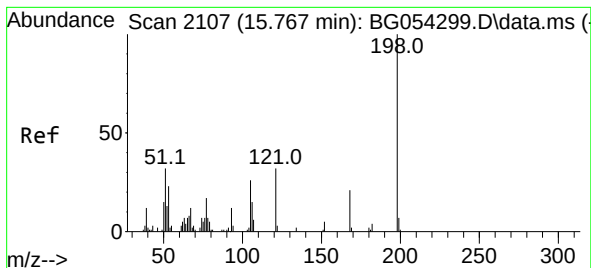
Tgt Ion: 77 Resp: 164525
Ion Ratio Lower Upper
77 100
182 45.5 3.8 43.8#
105 20.6 0.0 37.8
51 37.1 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.384 min Scan# 2382
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion: 188 Resp: 156180
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 4.3 6.8 10.2#

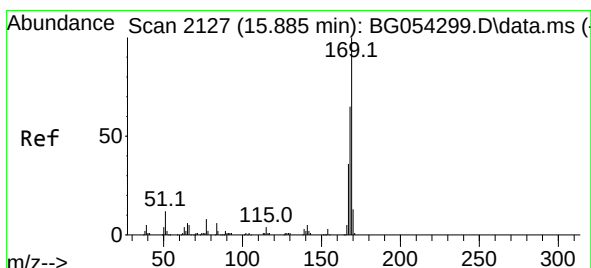
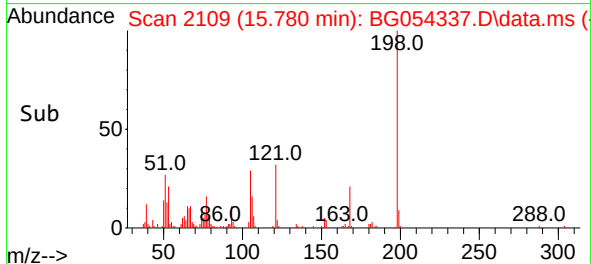
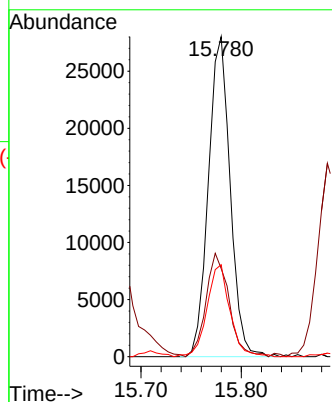
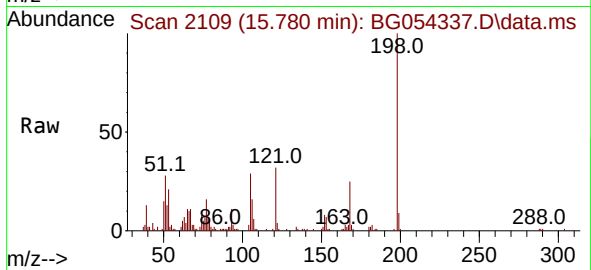




#65
4,6-Dinitro-2-methylphenol
Concen: 43.696 ng
RT: 15.780 min Scan# 2109
Delta R.T. 0.013 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

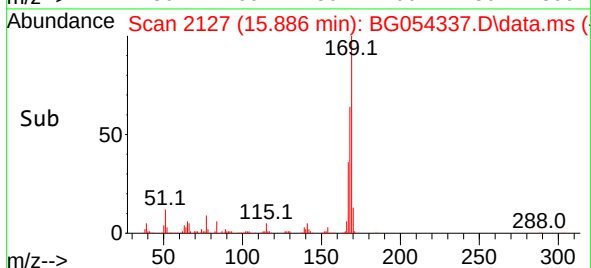
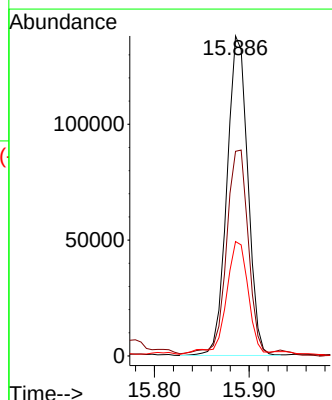
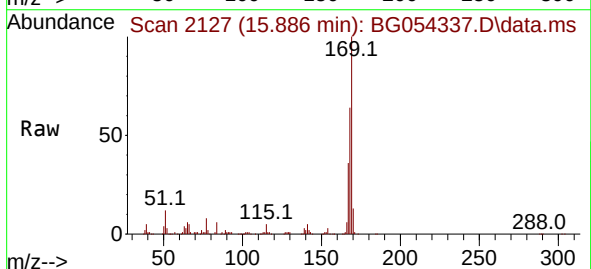
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

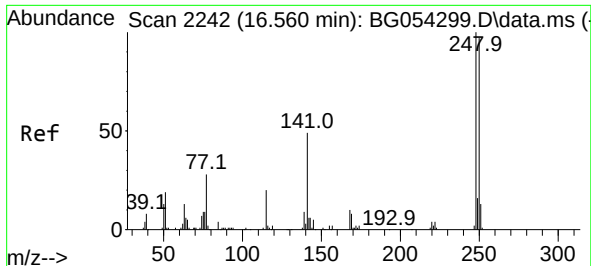
Tgt Ion:198 Resp: 42162
Ion Ratio Lower Upper
198 100
51 27.6 28.1 68.1#
105 28.8 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 53.898 ng
RT: 15.886 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:169 Resp: 210166
Ion Ratio Lower Upper
169 100
168 64.0 55.9 83.9
167 35.8 30.6 46.0

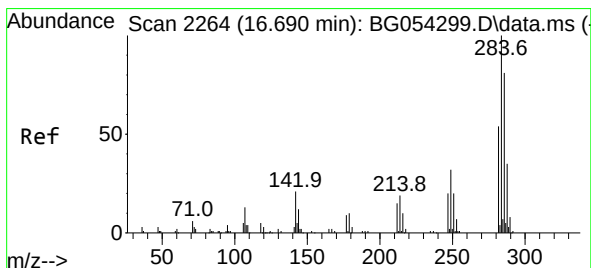
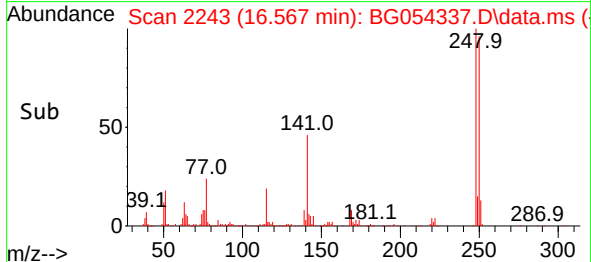
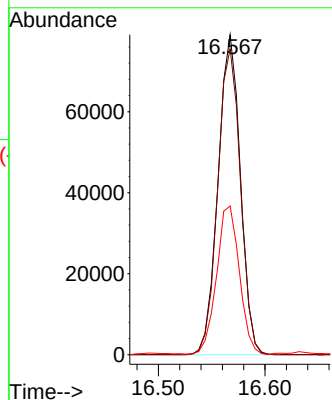
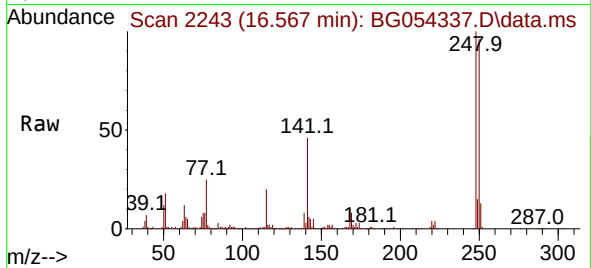




#67
4-Bromophenyl-phenylether
Concen: 52.206 ng
RT: 16.567 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

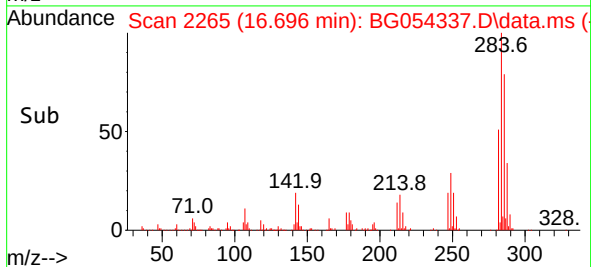
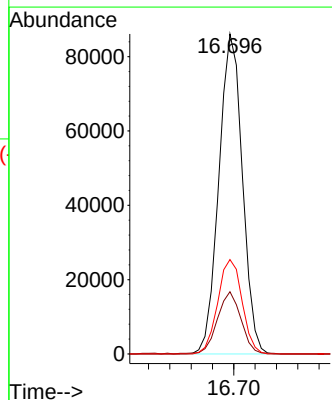
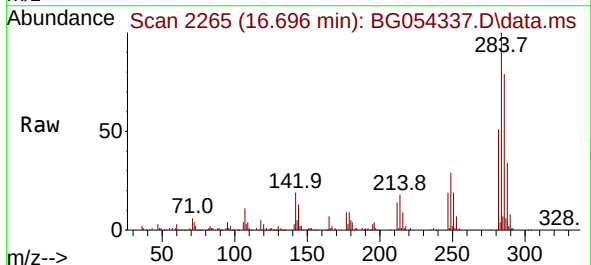
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

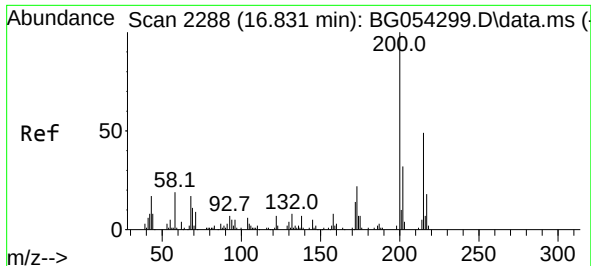
Tgt Ion:248 Resp: 114512
Ion Ratio Lower Upper
248 100
250 95.6 75.2 112.8
141 46.5 50.0 75.0#



#68
Hexachlorobenzene
Concen: 52.497 ng
RT: 16.696 min Scan# 2265
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:284 Resp: 131683
Ion Ratio Lower Upper
284 100
142 19.5 23.6 35.4#
249 29.5 25.8 38.6

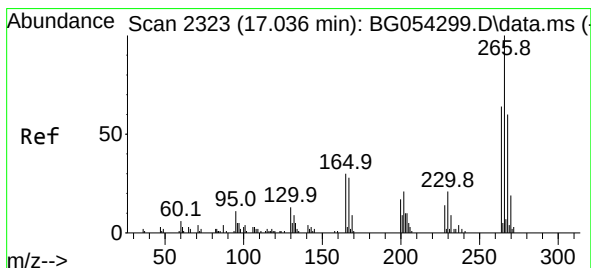
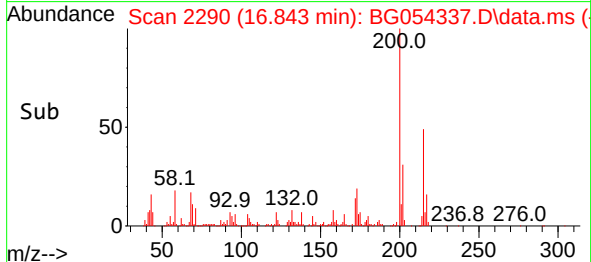
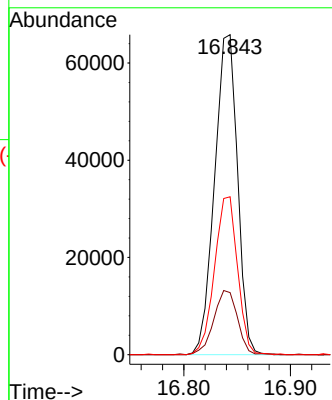
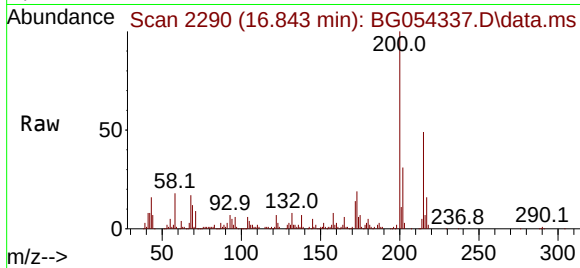




#69
 Atrazine
 Concen: 56.659 ng
 RT: 16.843 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: BG054337.D
 Acq: 20 Jul 2022 21:38

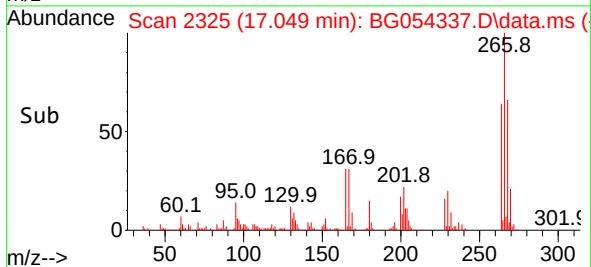
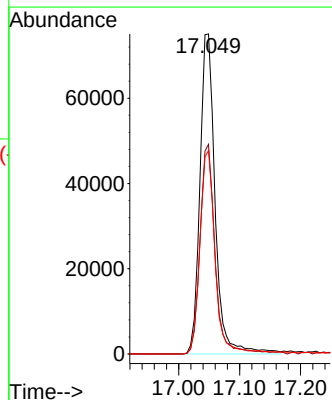
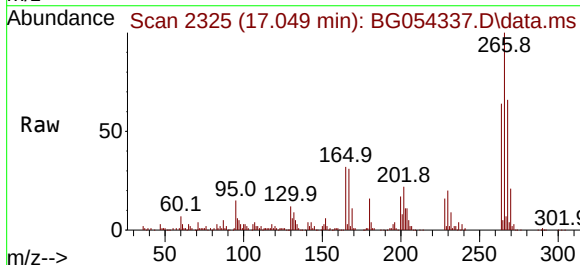
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MSD

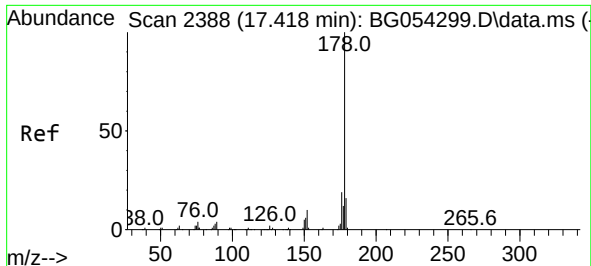
Tgt Ion:200 Resp: 98313
 Ion Ratio Lower Upper
 200 100
 173 19.4 3.7 43.7
 215 49.4 25.2 65.2



#70
 Pentachlorophenol
 Concen: 118.083 ng
 RT: 17.049 min Scan# 2325
 Delta R.T. 0.013 min
 Lab File: BG054337.D
 Acq: 20 Jul 2022 21:38

Tgt Ion:266 Resp: 130530
 Ion Ratio Lower Upper
 266 100
 268 65.5 56.2 84.2
 264 63.6 53.0 79.4

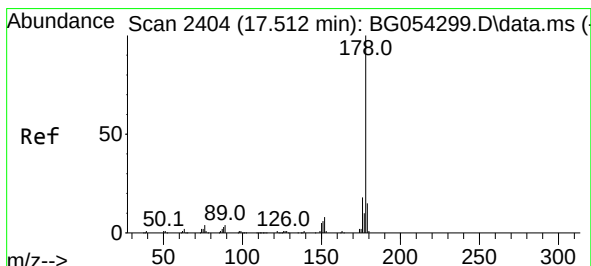
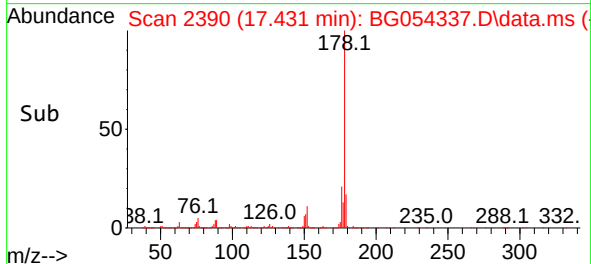
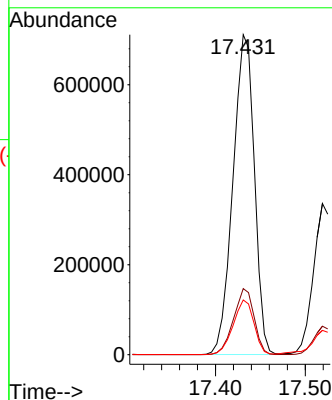
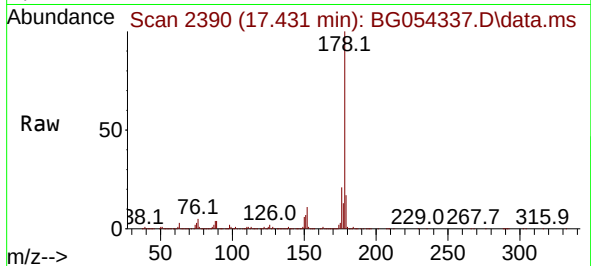




#71
Phenanthrene
Concen: 151.273 ng
RT: 17.431 min Scan# 21
Delta R.T. 0.013 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

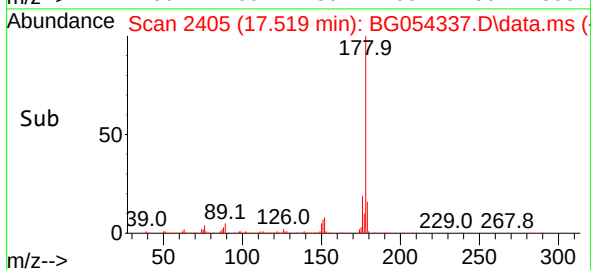
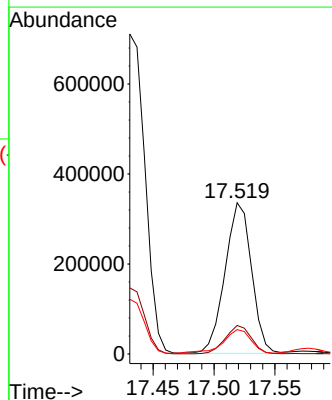
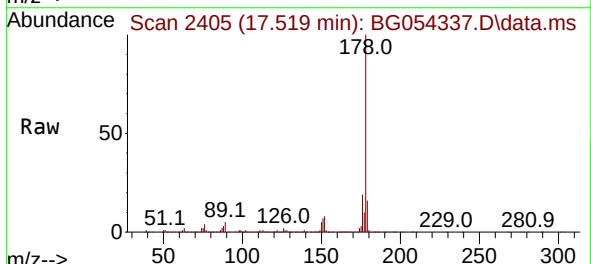
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

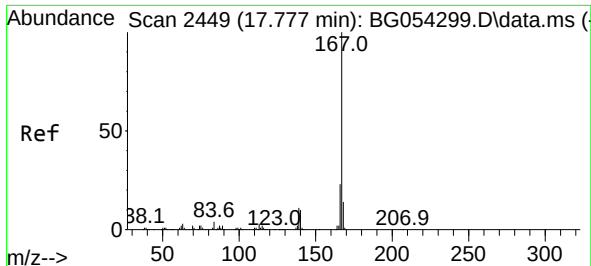
Tgt Ion:178 Resp: 1176555
Ion Ratio Lower Upper
178 100
176 20.7 14.1 21.1
179 17.1 12.1 18.1



#72
Anthracene
Concen: 66.437 ng
RT: 17.519 min Scan# 2405
Delta R.T. 0.007 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:178 Resp: 507074
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 16.1 13.0 19.4

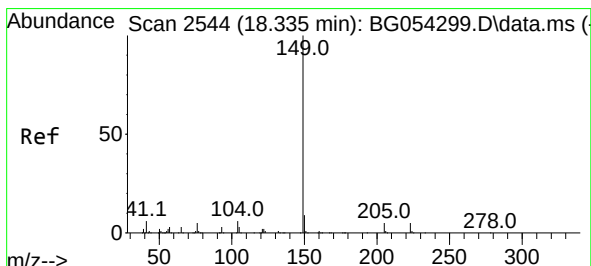
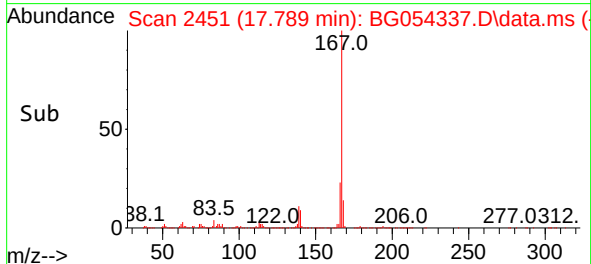
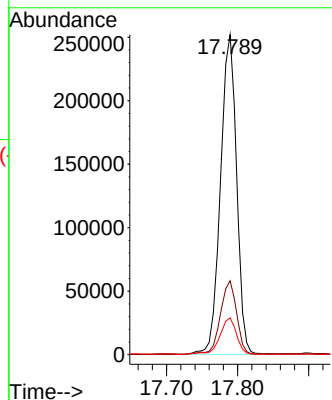
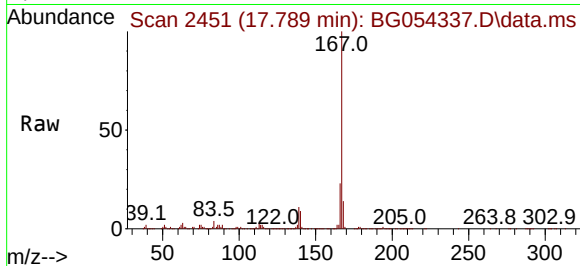




#73
 Carbazole
 Concen: 62.879 ng
 RT: 17.789 min Scan# 2449
 Delta R.T. 0.013 min
 Lab File: BG054337.D
 Acq: 20 Jul 2022 21:38

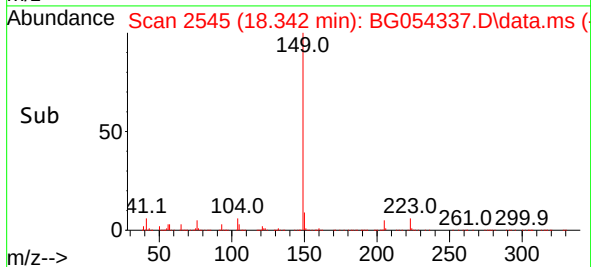
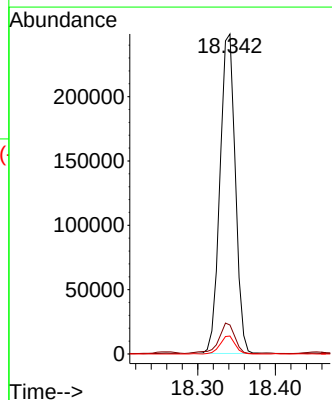
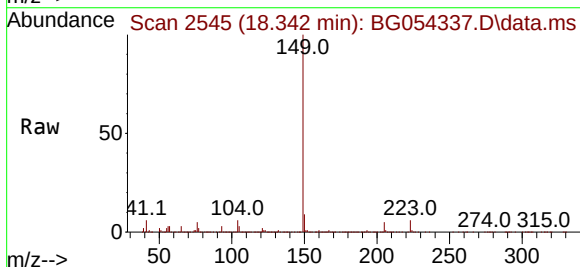
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MSD

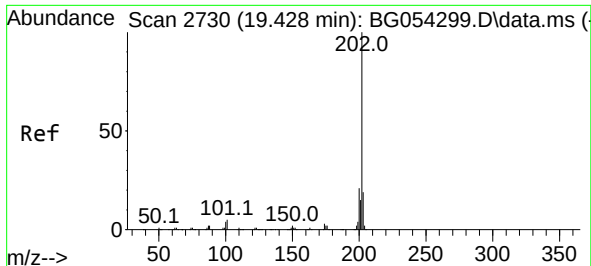
Tgt Ion:167 Resp: 395109
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.2
 139 11.5 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 46.190 ng
 RT: 18.342 min Scan# 2545
 Delta R.T. 0.007 min
 Lab File: BG054337.D
 Acq: 20 Jul 2022 21:38

Tgt Ion:149 Resp: 342512
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.6 5.4 8.0

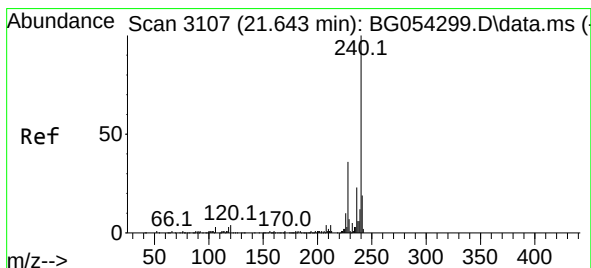
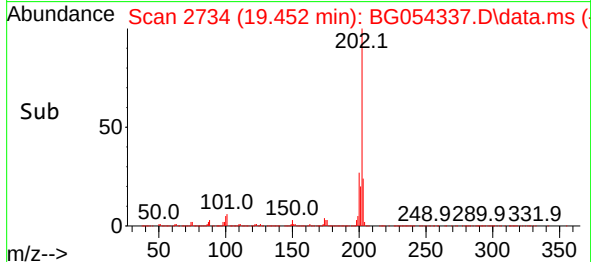
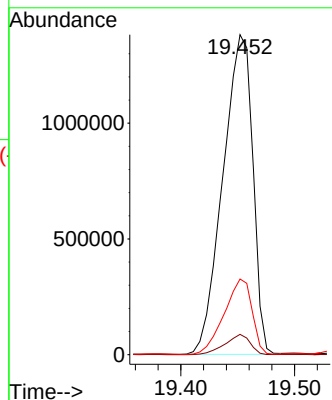
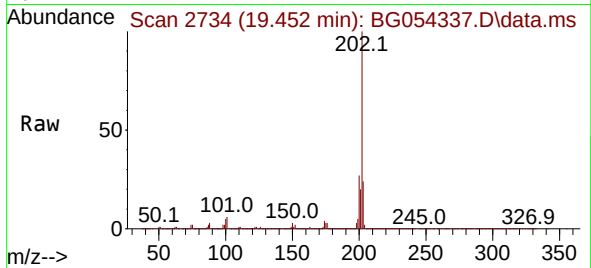




#75
Fluoranthene
Concen: 238.102 ng
RT: 19.452 min Scan# 21
Delta R.T. 0.024 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

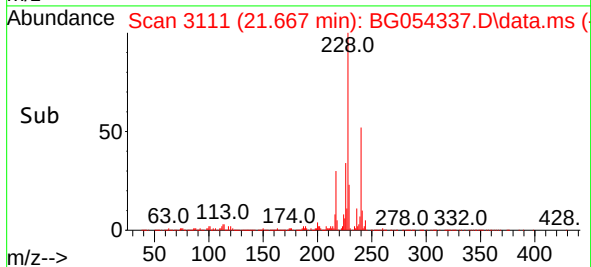
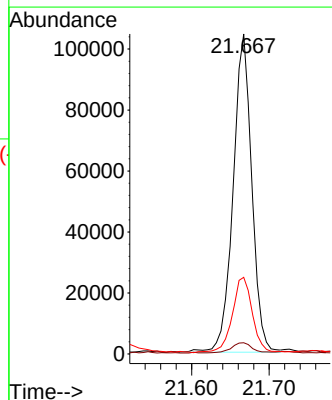
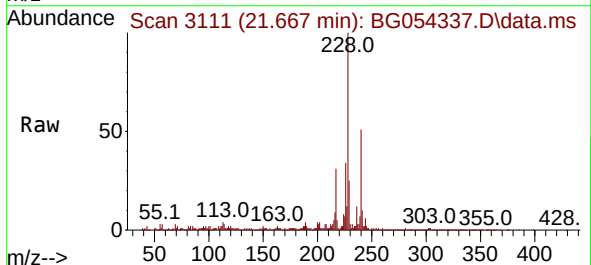
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

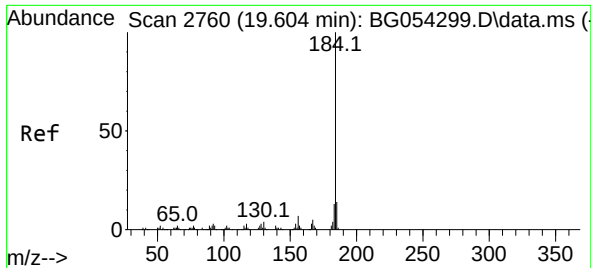
Tgt Ion:202 Resp: 2524415
Ion Ratio Lower Upper
202 100
101 6.3 0.0 26.9
203 23.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.667 min Scan# 3111
Delta R.T. 0.024 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:240 Resp: 174590
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 24.0 20.2 30.4

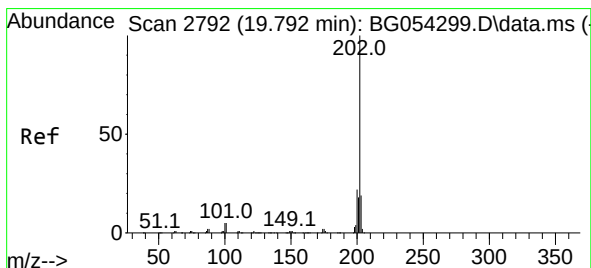
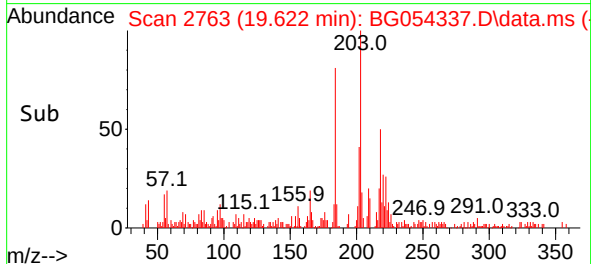
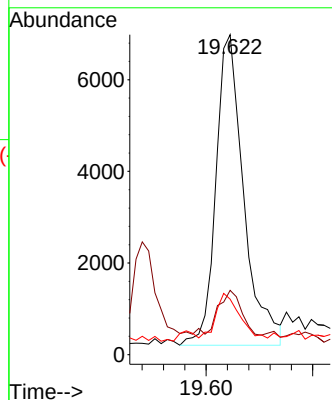
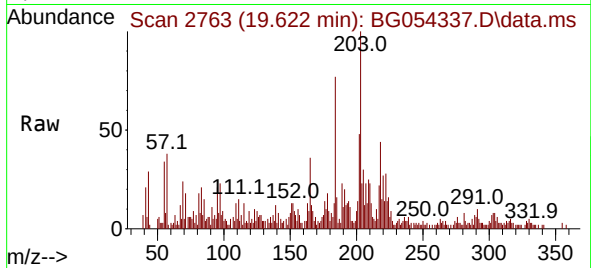




#77
Benzidine
Concen: 3.883 ng
RT: 19.622 min Scan# 21
Delta R.T. 0.019 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

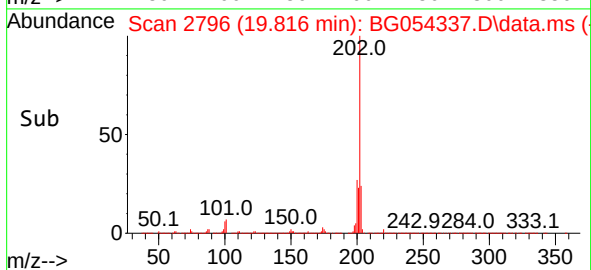
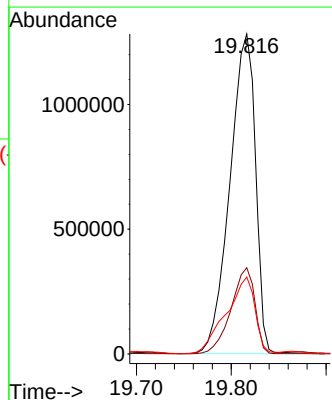
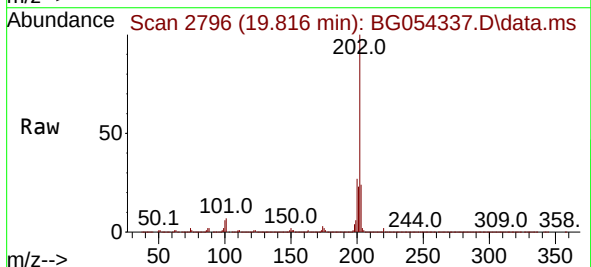
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

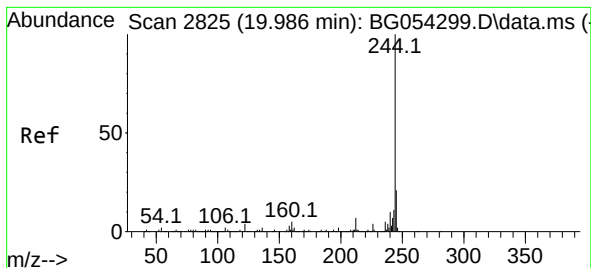
Tgt Ion:184 Resp: 12278
Ion Ratio Lower Upper
184 100
185 20.1 11.8 17.6#
183 17.3 8.9 13.3#



#78
Pyrene
Concen: 239.040 ng
RT: 19.816 min Scan# 2796
Delta R.T. 0.024 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:202 Resp: 2394666
Ion Ratio Lower Upper
202 100
200 27.0 16.6 24.8#
203 24.0 14.6 21.8#





#79

Terphenyl-d14

Concen: 74.282 ng

RT: 19.993 min Scan# 2

Delta R.T. 0.007 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

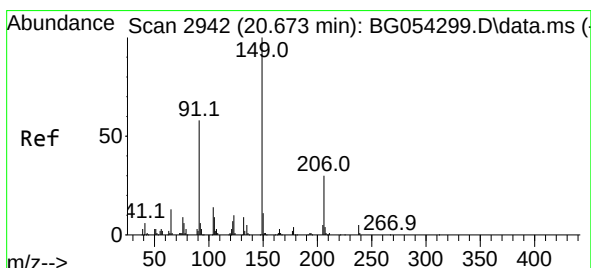
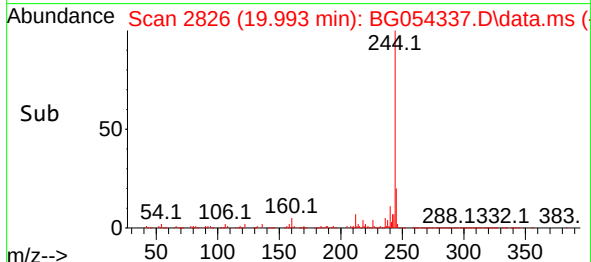
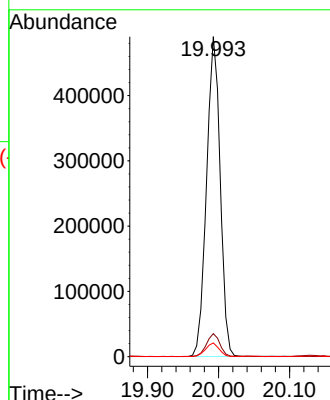
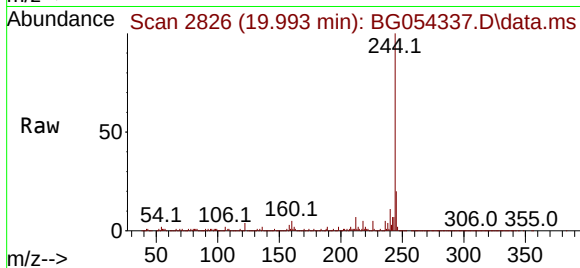
Tgt Ion:244 Resp: 653736

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 4.3 5.0 7.4#



#80

Butylbenzylphthalate

Concen: 46.454 ng

RT: 20.680 min Scan# 2943

Delta R.T. 0.007 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

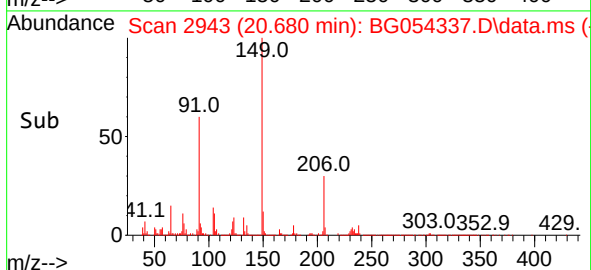
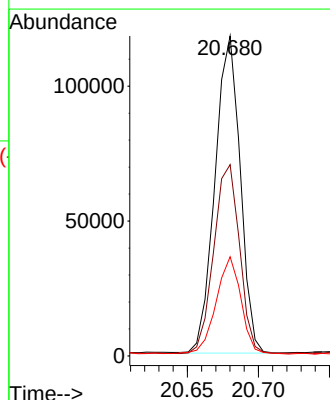
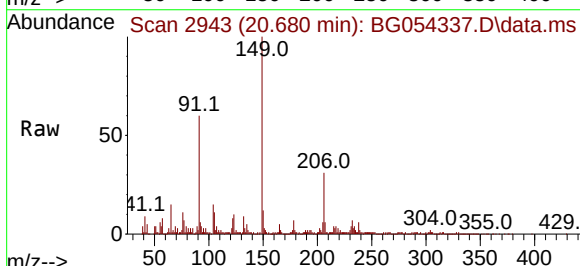
Tgt Ion:149 Resp: 145022

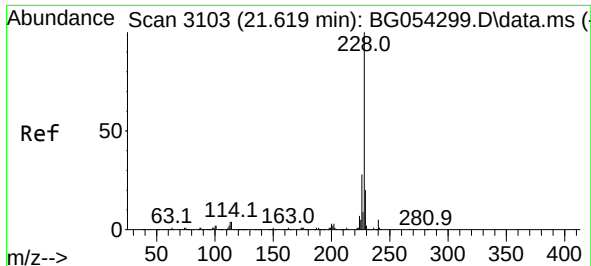
Ion Ratio Lower Upper

149 100

91 59.8 59.6 89.4

206 31.0 18.6 28.0#

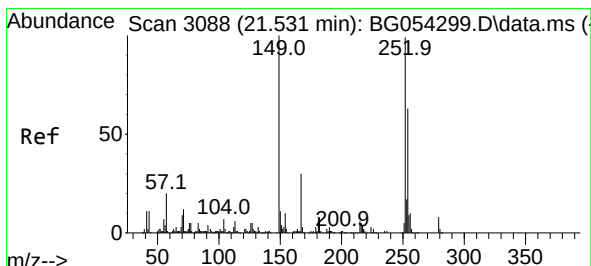
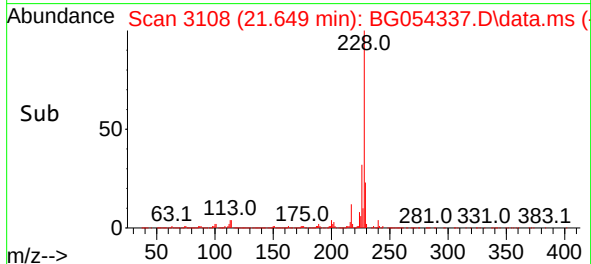
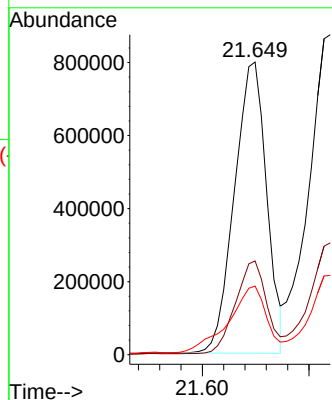
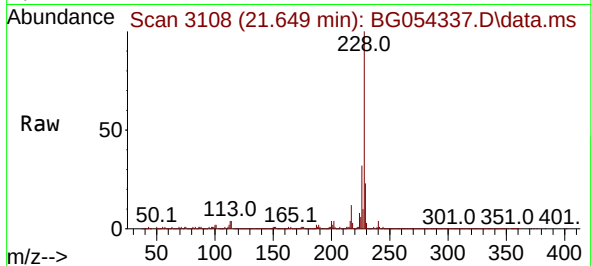




#81
Benzo(a)anthracene
Concen: 150.762 ng
RT: 21.649 min Scan# 3103
Delta R.T. 0.030 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

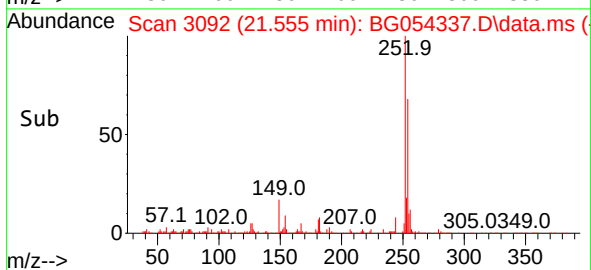
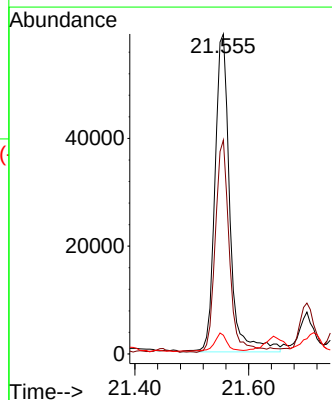
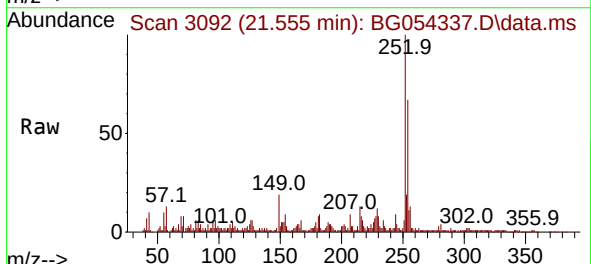
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

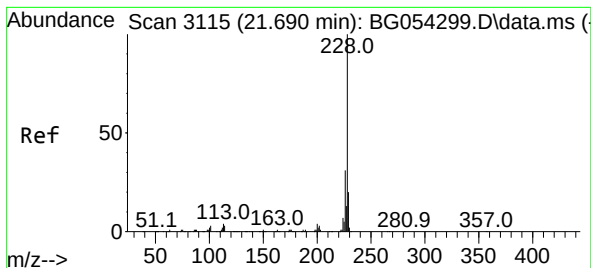
Tgt Ion:228 Resp: 1670867
Ion Ratio Lower Upper
228 100
226 32.0 21.6 32.4
229 23.5 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 31.115 ng
RT: 21.555 min Scan# 3092
Delta R.T. 0.024 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:252 Resp: 107246
Ion Ratio Lower Upper
252 100
254 66.8 49.8 74.8
126 5.9 6.0 9.0#





#83

Chrysene

Concen: 160.281 ng

RT: 21.720 min Scan# 3115

Delta R.T. 0.030 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

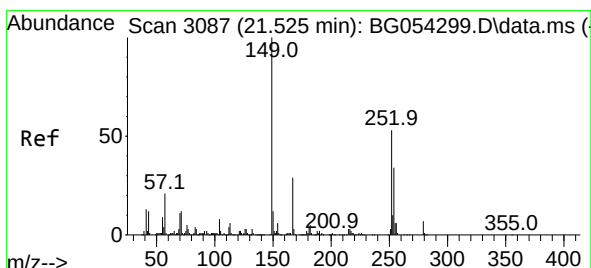
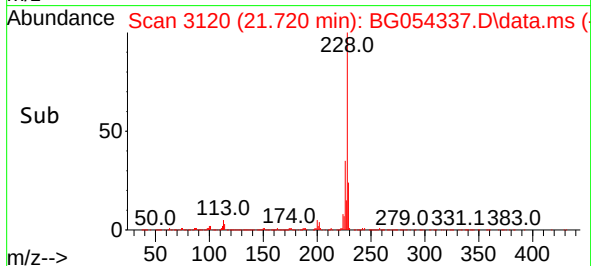
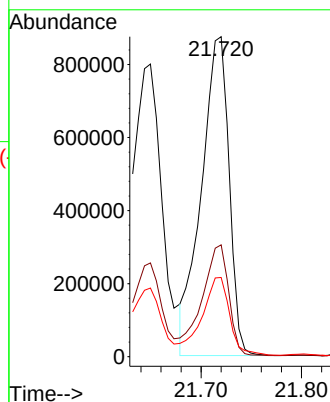
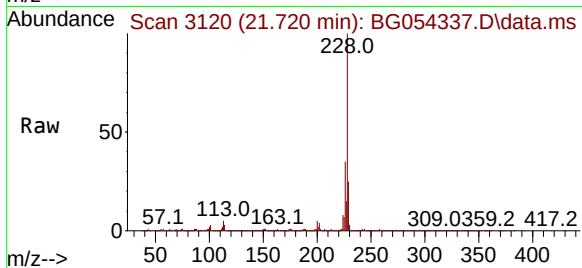
Tgt Ion:228 Resp: 1678261

Ion Ratio Lower Upper

228 100

226 34.9 23.4 35.2

229 24.8 15.5 23.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.216 ng

RT: 21.538 min Scan# 3089

Delta R.T. 0.013 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

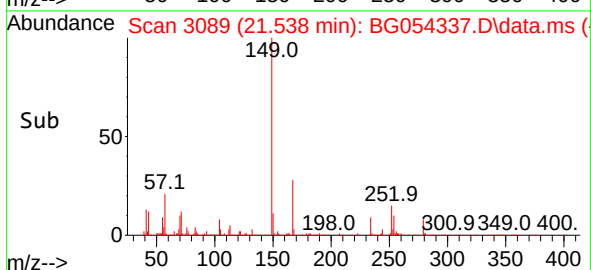
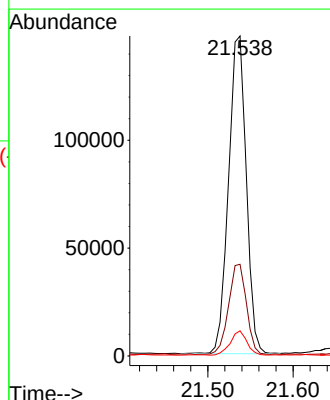
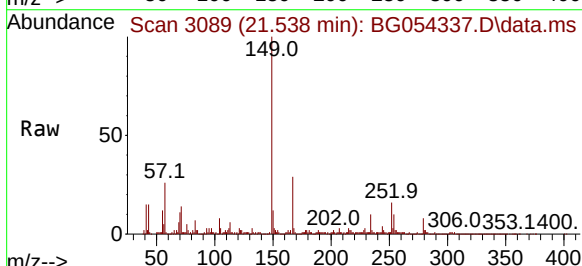
Tgt Ion:149 Resp: 212994

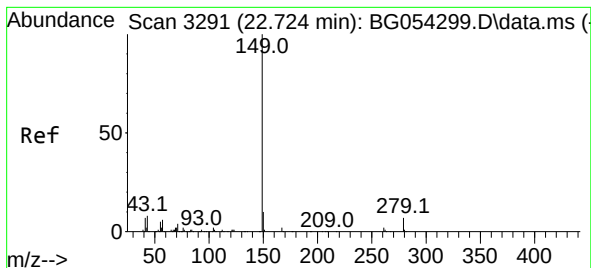
Ion Ratio Lower Upper

149 100

167 28.7 20.2 30.4

279 7.8 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 48.132 ng

RT: 22.742 min Scan# 31

Delta R.T. 0.019 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

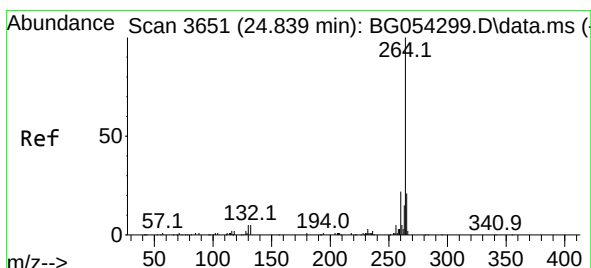
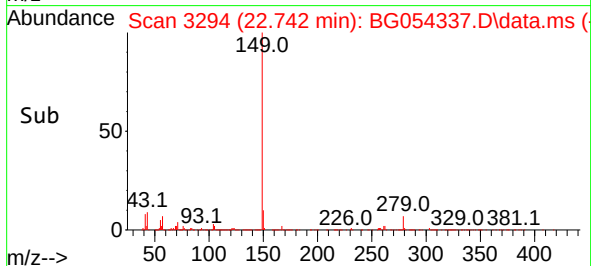
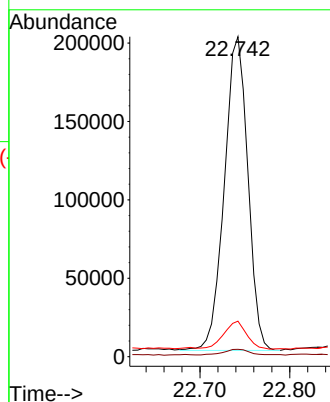
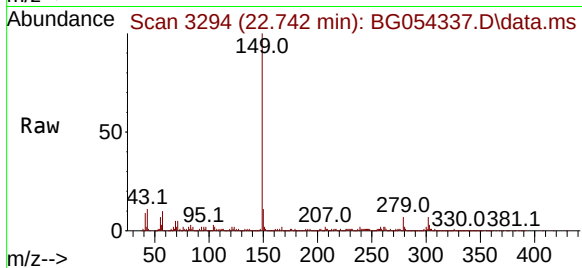
Tgt Ion:149 Resp: 362732

Ion Ratio Lower Upper

149 100

167 2.0 1.3 1.9#

43 8.5 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.893 min Scan# 3660

Delta R.T. 0.054 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

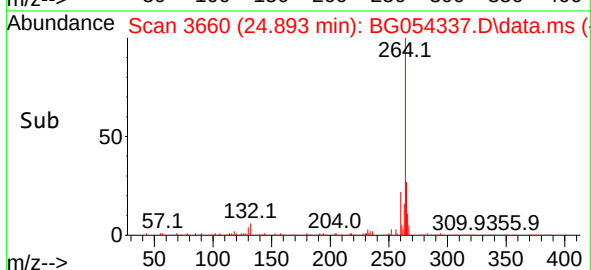
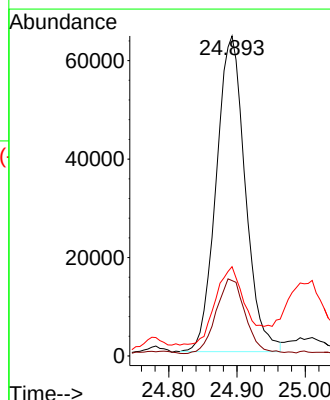
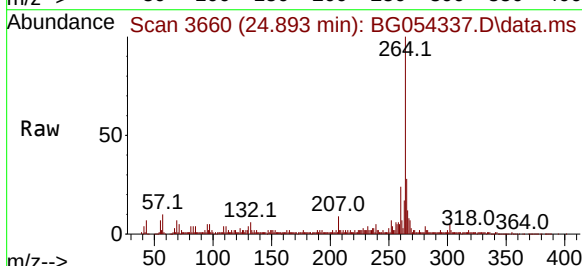
Tgt Ion:264 Resp: 190023

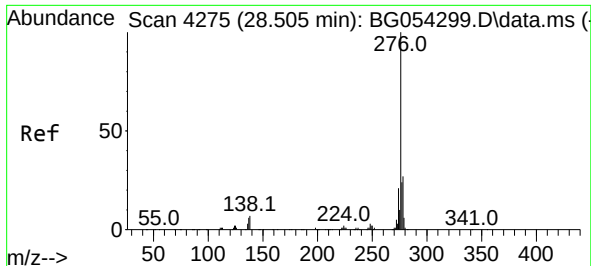
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 27.9 17.4 26.2#

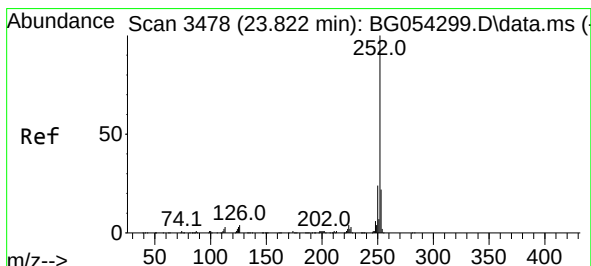
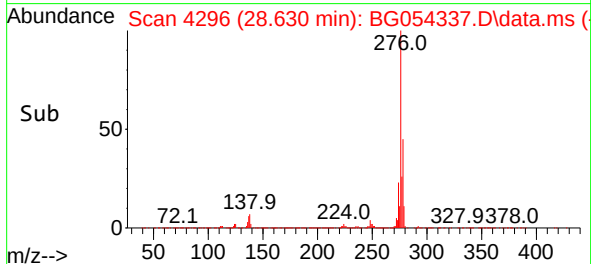
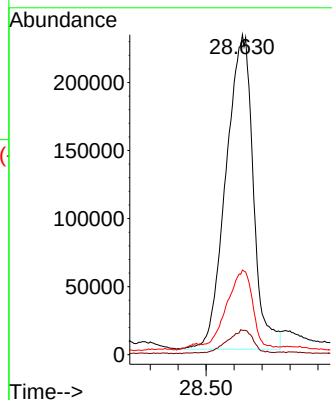
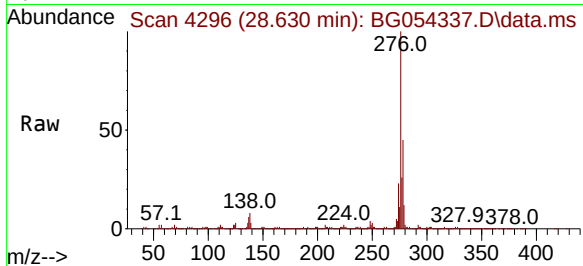




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 108.249 ng
 RT: 28.630 min Scan# 4275
 Delta R.T. 0.124 min
 Lab File: BG054337.D
 Acq: 20 Jul 2022 21:38

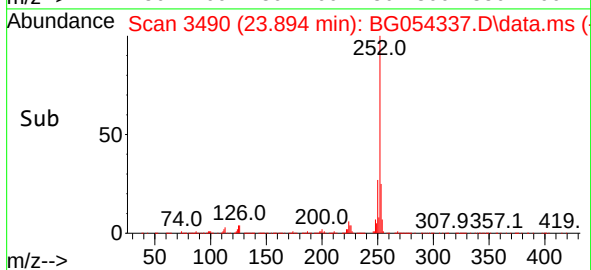
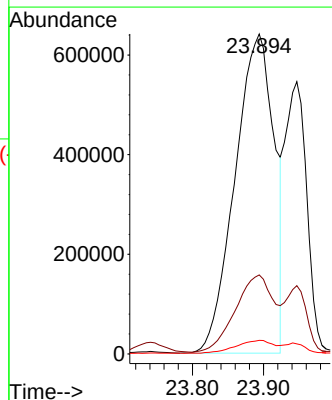
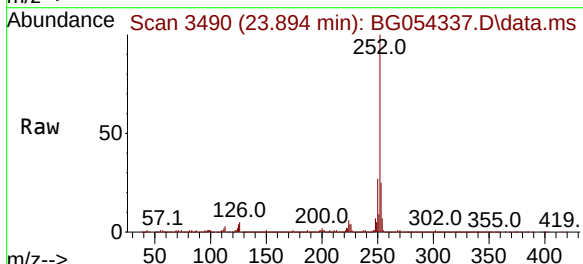
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MSD

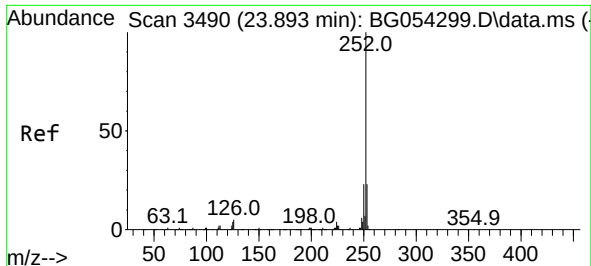
Tgt Ion:276 Resp: 1564840
 Ion Ratio Lower Upper
 276 100
 138 6.8 5.0 7.4
 277 23.0 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 217.951 ng
 RT: 23.894 min Scan# 3490
 Delta R.T. 0.071 min
 Lab File: BG054337.D
 Acq: 20 Jul 2022 21:38

Tgt Ion:252 Resp: 2449274
 Ion Ratio Lower Upper
 252 100
 253 24.7 18.0 27.0
 125 4.2 4.6 6.8#

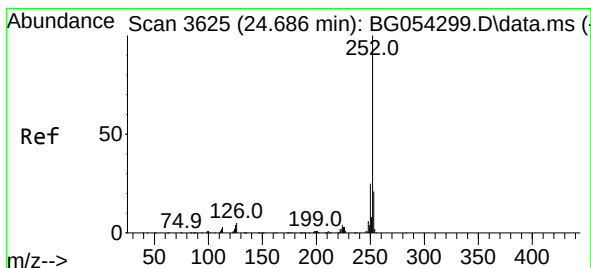
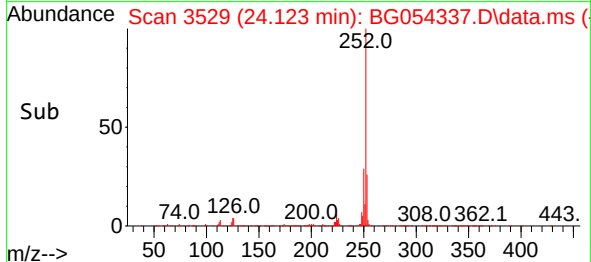
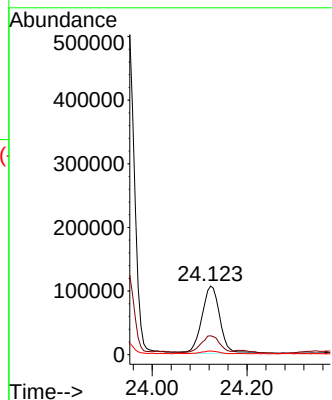
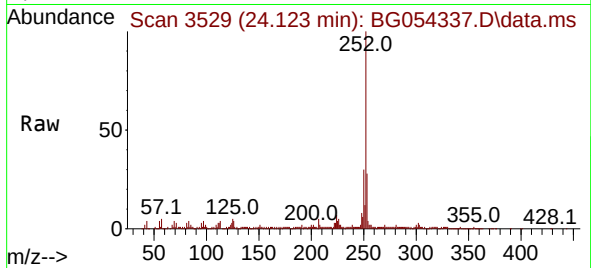




#89
Benzo(k)fluoranthene
Concen: 24.960 ng
RT: 24.123 min Scan# 31
Delta R.T. 0.230 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

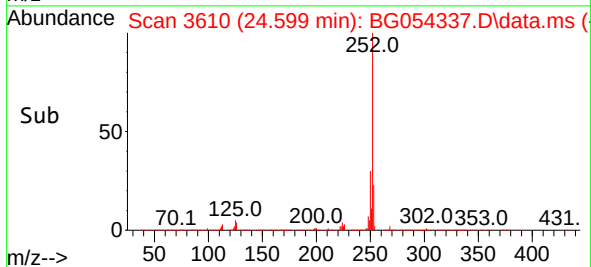
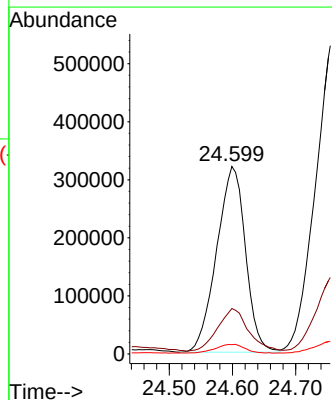
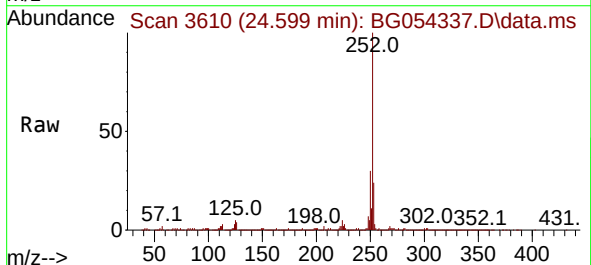
Instrument :
BNA_G
ClientSampleId :
72-11966MSD

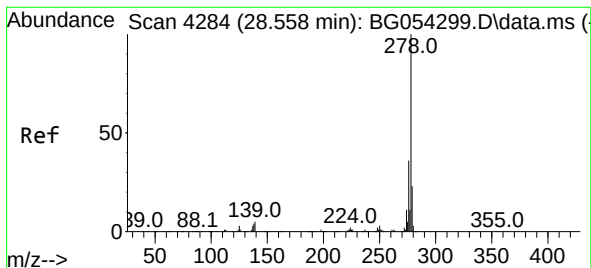
Tgt Ion:252 Resp: 279149
Ion Ratio Lower Upper
252 100
253 27.5 18.4 27.6
125 5.5 4.8 7.2



#90
Benzo(a)pyrene
Concen: 105.656 ng
RT: 24.599 min Scan# 3610
Delta R.T. -0.087 min
Lab File: BG054337.D
Acq: 20 Jul 2022 21:38

Tgt Ion:252 Resp: 1013998
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 5.0 4.3 6.5





#91

Dibenzo(a,h)anthracene

Concen: 56.798 ng

RT: 28.659 min Scan# 41

Delta R.T. 0.101 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

Instrument :

BNA_G

ClientSampleId :

72-11966MSD

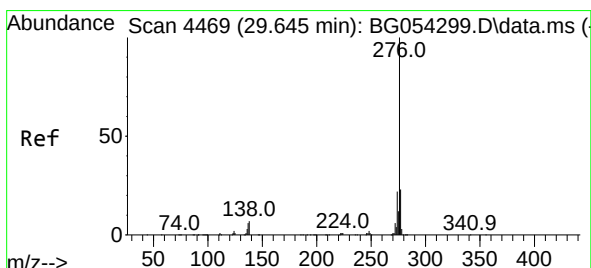
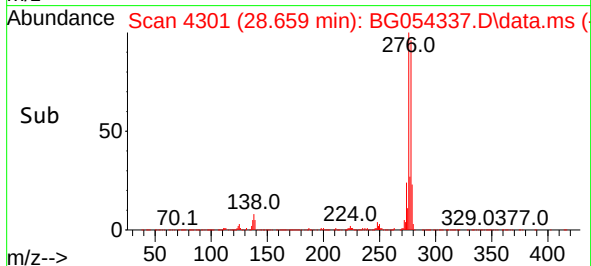
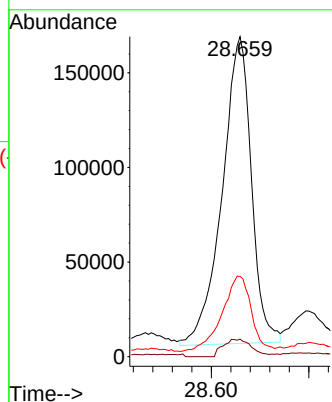
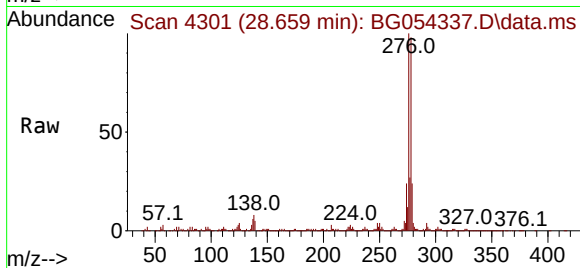
Tgt Ion:278 Resp: 675149

Ion Ratio Lower Upper

278 100

139 5.5 7.2 10.8#

279 25.1 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 119.125 ng

RT: 29.781 min Scan# 4492

Delta R.T. 0.136 min

Lab File: BG054337.D

Acq: 20 Jul 2022 21:38

Tgt Ion:276 Resp: 1397576

Ion Ratio Lower Upper

276 100

277 25.2 17.3 25.9

138 6.7 9.6 14.4#

