

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052343.D
 Acq On : 9 Feb 2022 20:16
 Operator : CG/JU
 Sample : N1432-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-3MSD

Quant Time: Feb 10 00:08:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	24799	20.000	ng	0.00
21) Naphthalene-d8	11.068	136	110461	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	84394	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	210453	20.000	ng	0.00
76) Chrysene-d12	21.941	240	199794	20.000	ng	0.00
86) Perylene-d12	25.413	264	205605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	123558	86.836	ng	0.00
7) Phenol-d6	7.373	99	190377	86.715	ng	0.00
23) Nitrobenzene-d5	9.399	82	125921	49.544	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	100200	82.642	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	304264	50.097	ng	0.00
79) Terphenyl-d14	20.214	244	583006	51.529	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.578	88	23809	36.339	ng	96
3) Pyridine	3.989	79	58962	31.029	ng	94
4) n-Nitrosodimethylamine	3.895	42	39538	40.296	ng	91
6) Aniline	7.537	93	81782	32.063	ng	97
8) 2-Chlorophenol	7.790	128	81929	52.341	ng	92
9) Benzaldehyde	7.343	77	56029	47.567	ng	99
10) Phenol	7.402	94	114586	52.529	ng	99
11) bis(2-Chloroethyl)ether	7.625	93	72810	43.668	ng	92
12) 1,3-Dichlorobenzene	8.113	146	81832	45.884	ng	97
13) 1,4-Dichlorobenzene	8.260	146	84975	46.738	ng	94
14) 1,2-Dichlorobenzene	8.589	146	83333	46.475	ng	97
15) Benzyl Alcohol	8.460	79	87631	48.094	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.747	45	100178	41.607	ng	97
17) 2-Methylphenol	8.671	107	75445	52.413	ng	95
18) Hexachloroethane	9.329	117	28834	45.610	ng	94
19) n-Nitroso-di-n-propyla...	9.035	70	70970	42.879	ng	94
20) 3+4-Methylphenols	9.000	107	104714	50.848	ng	96
22) Acetophenone	9.053	105	122630	42.005	ng	# 95
24) Nitrobenzene	9.441	77	105357	43.700	ng	96
25) Isophorone	9.969	82	194030	44.867	ng	98
26) 2-Nitrophenol	10.163	139	47547	46.529	ng	93
27) 2,4-Dimethylphenol	10.222	122	86455	57.143	ng	92
28) bis(2-Chloroethoxy)met...	10.445	93	103950	42.355	ng	100
29) 2,4-Dichlorophenol	10.709	162	89601	49.408	ng	97
30) 1,2,4-Trichlorobenzene	10.927	180	92432	43.649	ng	96
31) Naphthalene	11.121	128	257693	44.500	ng	96
32) Benzoic acid	10.363	122	56450	56.496	ng	96
33) 4-Chloroaniline	11.215	127	44682	18.481	ng	97
34) Hexachlorobutadiene	11.403	225	58986	41.245	ng	98
35) Caprolactam	11.984	113	24969	37.781	ng	95
36) 4-Chloro-3-methylphenol	12.337	107	104584	50.691	ng	96
37) 2-Methylnaphthalene	12.713	142	198424	46.133	ng	98
38) 1-Methylnaphthalene	12.930	142	189929	45.571	ng	99
40) 1,2,4,5-Tetrachloroben...	13.083	216	119605	43.088	ng	98
41) Hexachlorocyclopentadiene	13.059	237	117011	87.018	ng	97
43) 2,4,6-Trichlorophenol	13.312	196	85890	47.311	ng	97

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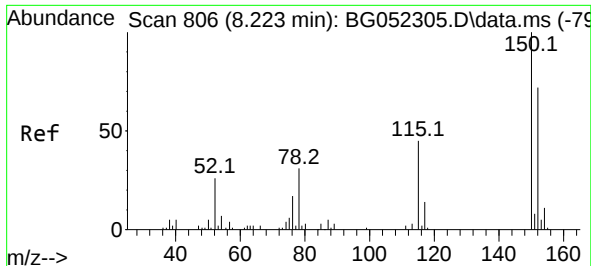
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	95117	48.347	ng	94
46) 1,1'-Biphenyl	13.705	154	279217	45.119	ng	99
47) 2-Chloronaphthalene	13.758	162	214574	45.005	ng	96
48) 2-Nitroaniline	13.952	65	78303	46.130	ng	88
49) Acenaphthylene	14.598	152	366549	47.228	ng	99
50) Dimethylphthalate	14.316	163	284767	44.047	ng	100
51) 2,6-Dinitrotoluene	14.440	165	66321	47.538	ng	# 86
52) Acenaphthene	14.939	154	215493	42.396	ng	98
53) 3-Nitroaniline	14.769	138	37260	25.695	ng	99
54) 2,4-Dinitrophenol	14.980	184	83536	95.667	ng	96
55) Dibenzofuran	15.274	168	349218	43.688	ng	99
56) 4-Nitrophenol	15.080	139	112197	103.027	ng	86
57) 2,4-Dinitrotoluene	15.227	165	95538	48.114	ng	# 88
58) Fluorene	15.920	166	296574	46.476	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.497	232	92362	49.143	ng	# 98
60) Diethylphthalate	15.673	149	296812	45.448	ng	97
61) 4-Chlorophenyl-phenylether	15.902	204	161926	44.546	ng	97
62) 4-Nitroaniline	15.932	138	67699	44.346	ng	89
63) Azobenzene	16.196	77	291971	43.671	ng	96
65) 4,6-Dinitro-2-methylph...	15.996	198	57460	45.387	ng	92
66) n-Nitrosodiphenylamine	16.114	169	264203	45.564	ng	97
67) 4-Bromophenyl-phenylether	16.801	248	111081	43.402	ng	96
68) Hexachlorobenzene	16.936	284	125919	45.362	ng	91
69) Atrazine	17.060	200	113179	48.279	ng	95
70) Pentachlorophenol	17.277	266	143618	105.756	ng	98
71) Phenanthrene	17.671	178	488221	45.001	ng	99
72) Anthracene	17.759	178	489592	46.052	ng	99
73) Carbazole	18.023	167	453204	43.708	ng	99
74) Di-n-butylphthalate	18.564	149	515193	45.603	ng	99
75) Fluoranthene	19.668	202	608001	44.012	ng	99
77) Benzidine	19.838	184	221201	51.814	ng	99
78) Pyrene	20.032	202	615870	46.067	ng	98
80) Butylbenzylphthalate	20.902	149	223407	48.108	ng	92
81) Benzo(a)anthracene	21.924	228	593431	44.885	ng	100
82) 3,3'-Dichlorobenzidine	21.824	252	120661	26.142	ng	99
83) Chrysene	21.994	228	550759	43.961	ng	100
84) Bis(2-ethylhexyl)phtha...	21.800	149	306179	47.549	ng	98
85) Di-n-octyl phthalate	23.093	149	511276	47.358	ng	96
87) Indeno(1,2,3-cd)pyrene	29.425	276	662805	44.053	ng	# 97
88) Benzo(b)fluoranthene	24.379	252	572044	44.648	ng	100
89) Benzo(k)fluoranthene	24.379	252	572044	45.196	ng	97
90) Benzo(a)pyrene	25.254	252	583861	53.946	ng	99
91) Dibenzo(a,h)anthracene	29.496	278	569913	45.853	ng	97
92) Benzo(g,h,i)perylene	30.688	276	563691	46.213	ng	97

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

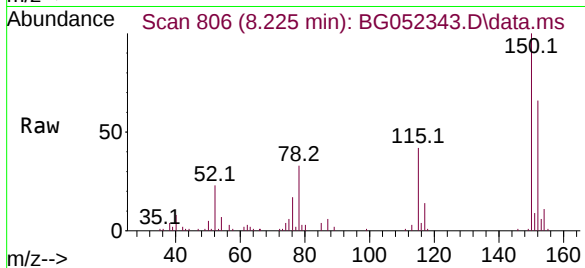
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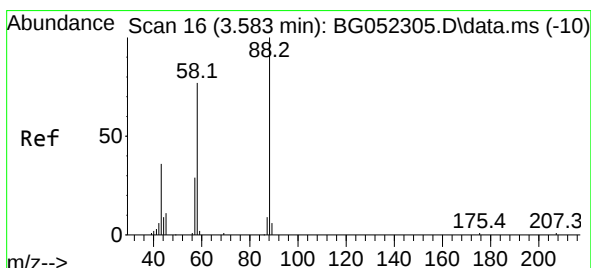
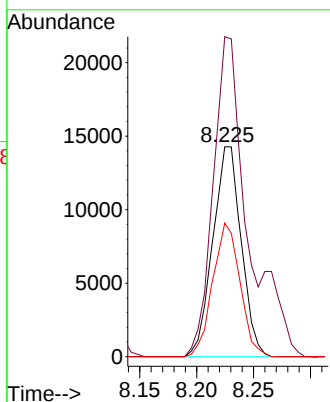
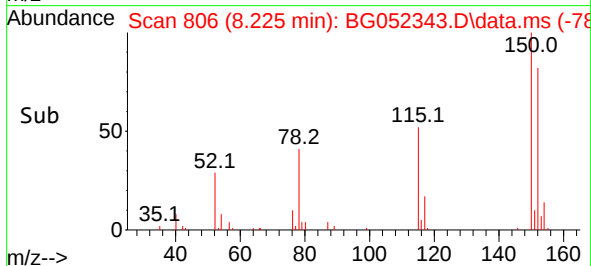


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.225 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

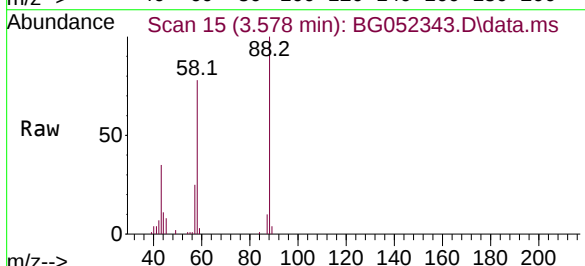
Instrument :
BNA_G
ClientSampleId :
SP-3MSD



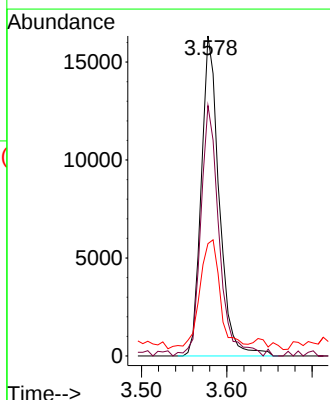
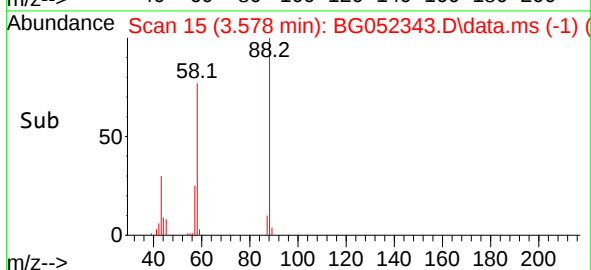
Tgt Ion:152 Resp: 24799
Ion Ratio Lower Upper
152 100
150 152.5 117.8 176.8
115 63.7 50.2 75.2



#2
1,4-Dioxane
Concen: 36.339 ng
RT: 3.578 min Scan# 15
Delta R.T. -0.005 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16



Tgt Ion: 88 Resp: 23809
Ion Ratio Lower Upper
88 100
58 79.8 65.8 98.8
43 36.3 31.6 47.4

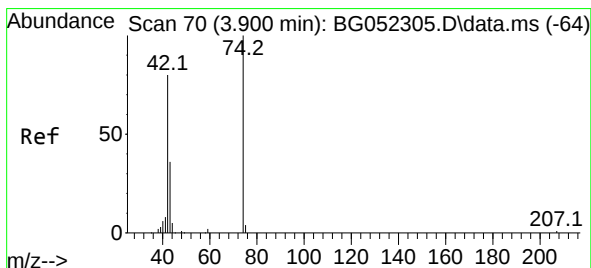
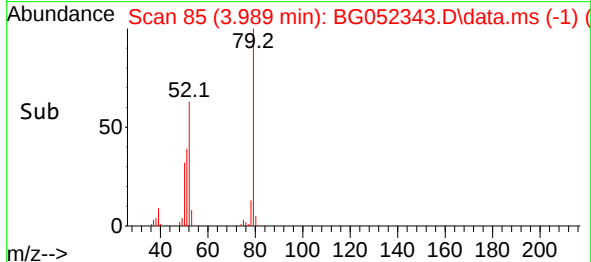
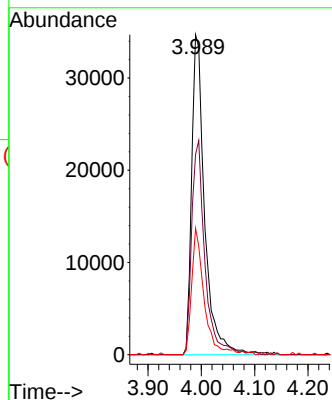
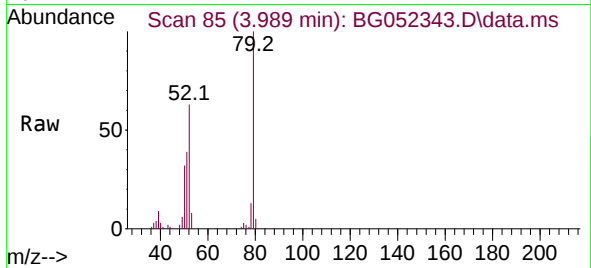




#3
 Pyridine
 Concen: 31.029 ng
 RT: 3.989 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

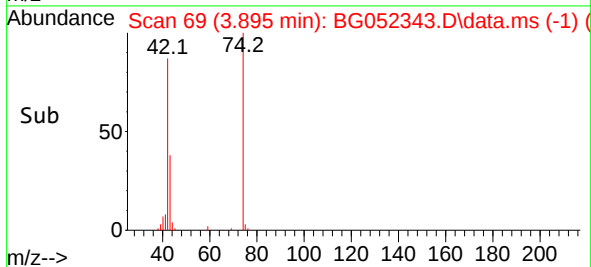
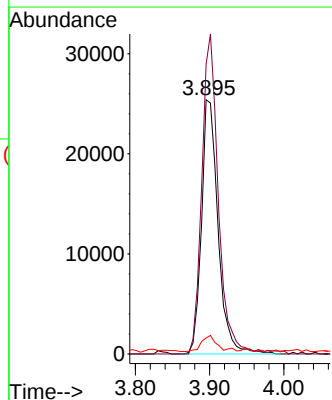
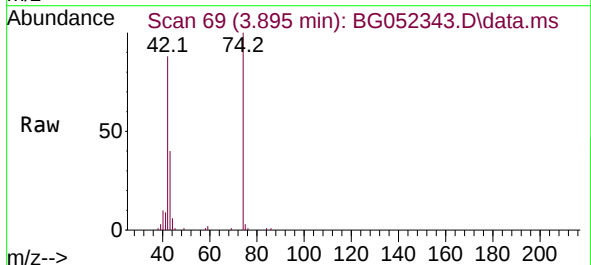
Instrument :
 BNA_G
 ClientSampleId :
 SP-3MSD

Tgt Ion: 79 Resp: 58962
 Ion Ratio Lower Upper
 79 100
 52 62.5 55.0 82.6
 51 39.5 32.5 48.7



#4
 n-Nitrosodimethylamine
 Concen: 40.296 ng
 RT: 3.895 min Scan# 69
 Delta R.T. -0.005 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

Tgt Ion: 42 Resp: 39538
 Ion Ratio Lower Upper
 42 100
 74 113.9 83.0 124.4
 44 6.3 5.0 7.6

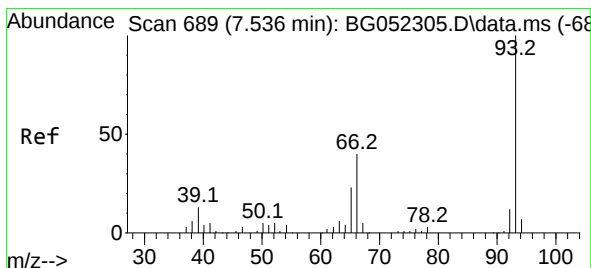
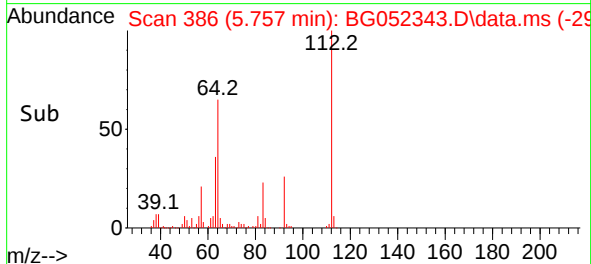
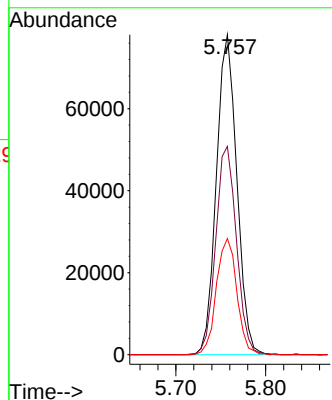
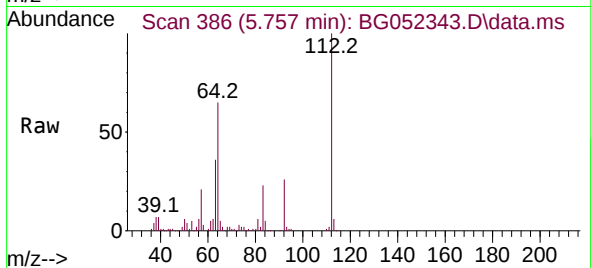




#5
2-Fluorophenol
Concen: 86.836 ng
RT: 5.757 min Scan# 385
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

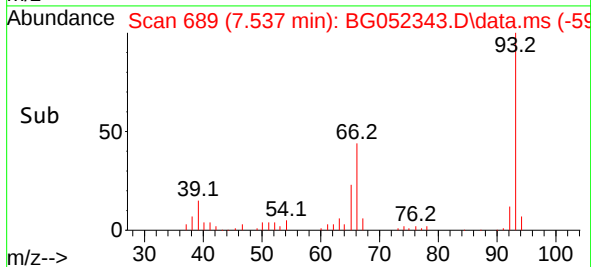
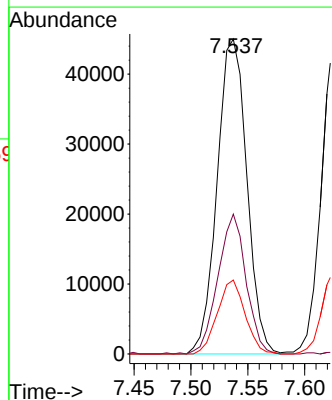
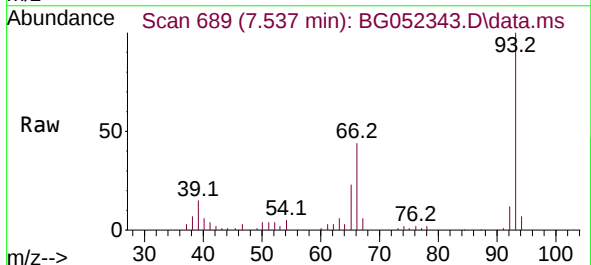
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ClientSampleId :
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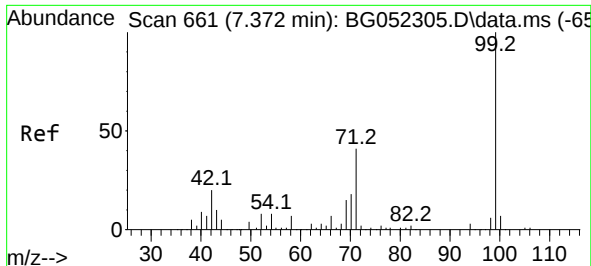
Tgt Ion:112 Resp: 123558
Ion Ratio Lower Upper
112 100
64 65.1 60.4 90.6
63 36.3 33.3 49.9



#6
Aniline
Concen: 32.063 ng
RT: 7.537 min Scan# 689
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion: 93 Resp: 81782
Ion Ratio Lower Upper
93 100
66 44.4 34.3 51.5
65 23.5 17.6 26.4

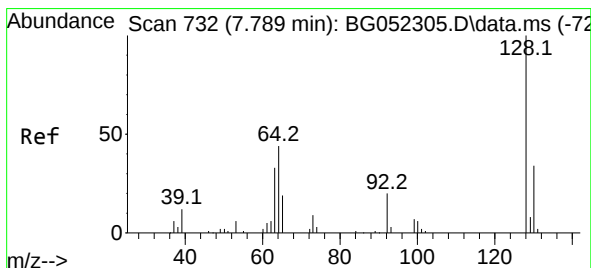
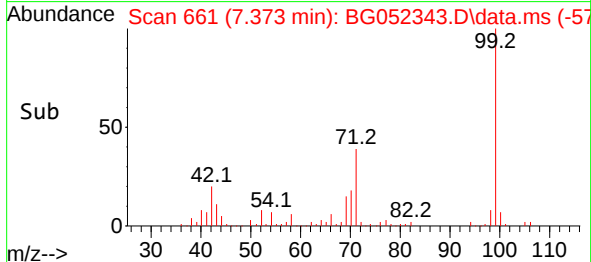
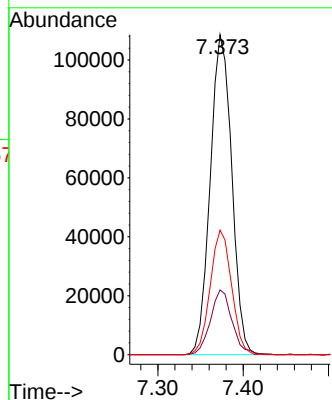
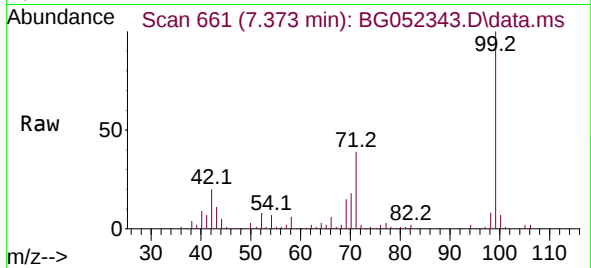




#7
Phenol-d6
Concen: 86.715 ng
RT: 7.373 min Scan# 661
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

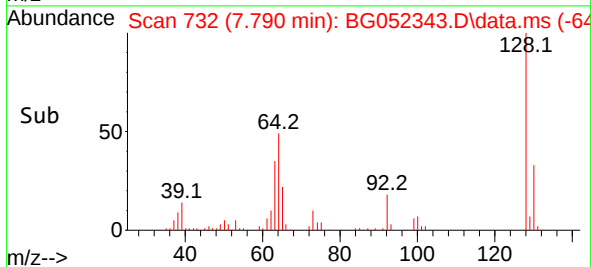
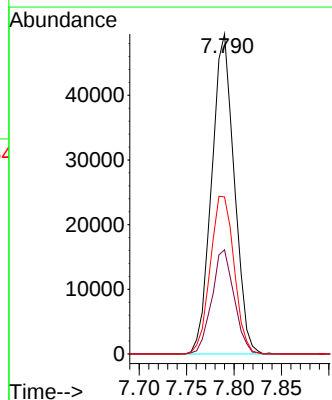
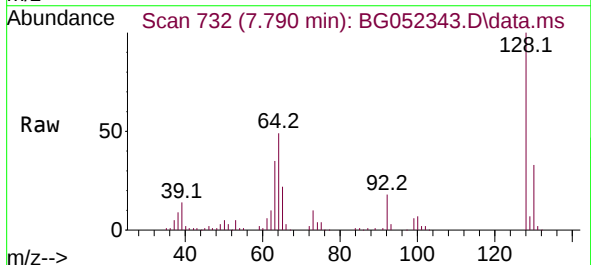
Instrument :
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Tgt Ion: 99 Resp: 190377
Ion Ratio Lower Upper
99 100
42 20.3 19.1 28.7
71 38.9 33.4 50.2



#8
2-Chlorophenol
Concen: 52.341 ng
RT: 7.790 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion: 128 Resp: 81929
Ion Ratio Lower Upper
128 100
130 32.5 13.6 53.6
64 49.1 37.8 77.8

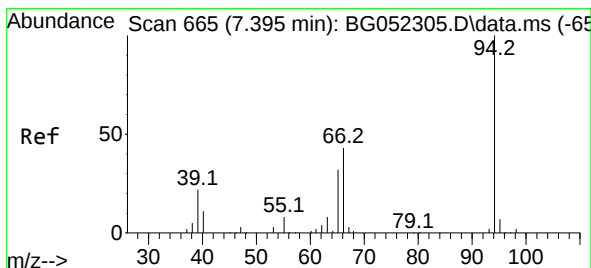
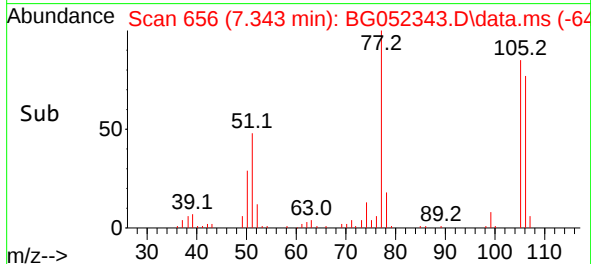
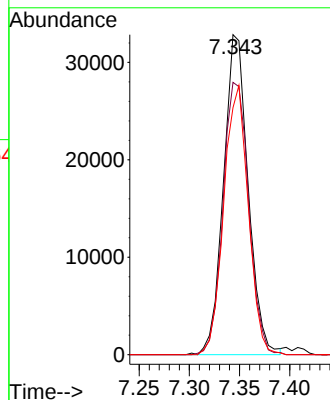
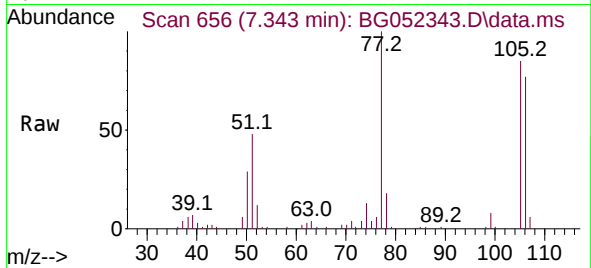




#9
Benzaldehyde
Concen: 47.567 ng
RT: 7.343 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

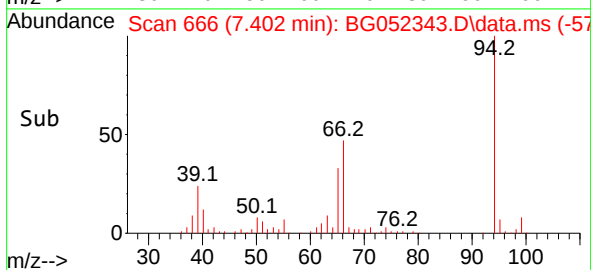
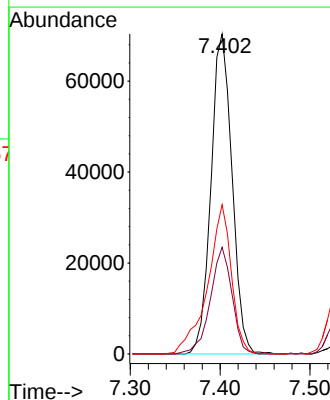
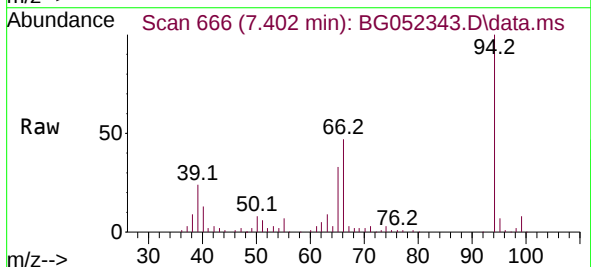
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ClientSampleId :
SP-3MSD

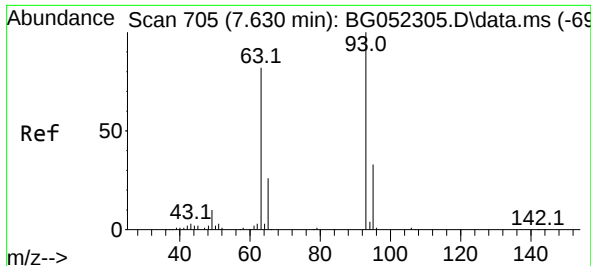
Tgt Ion: 77 Resp: 56029
Ion Ratio Lower Upper
77 100
105 85.1 66.1 106.1
106 77.2 58.1 98.1



#10
Phenol
Concen: 52.529 ng
RT: 7.402 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion: 94 Resp: 114586
Ion Ratio Lower Upper
94 100
65 33.4 14.1 54.1
66 46.7 26.6 66.6

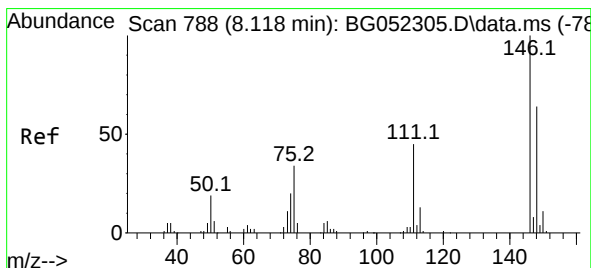
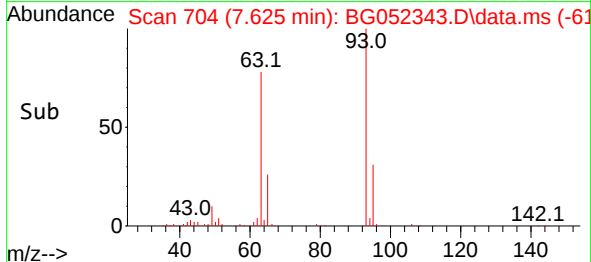
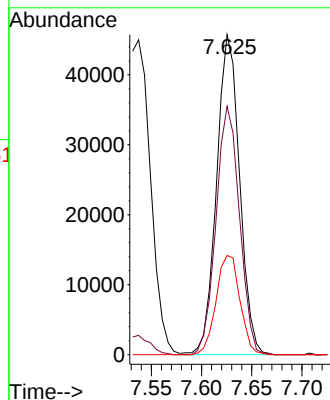
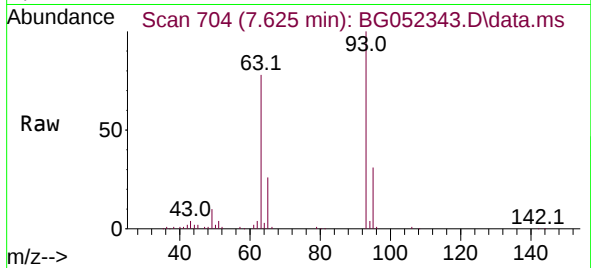




#11
bis(2-Chloroethyl)ether
Concen: 43.668 ng
RT: 7.625 min Scan# 704
Delta R.T. -0.005 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

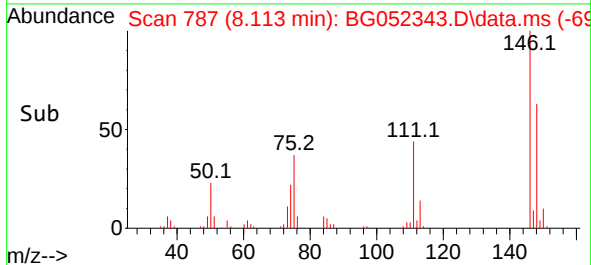
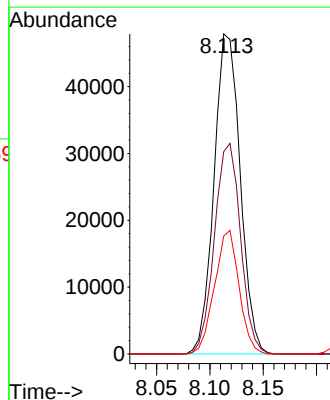
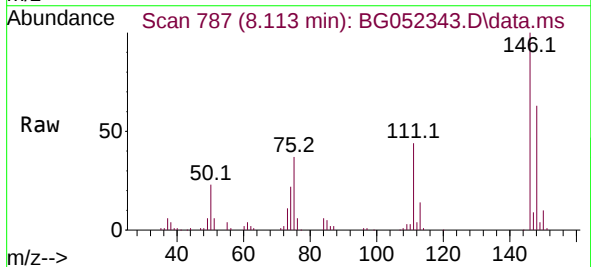
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

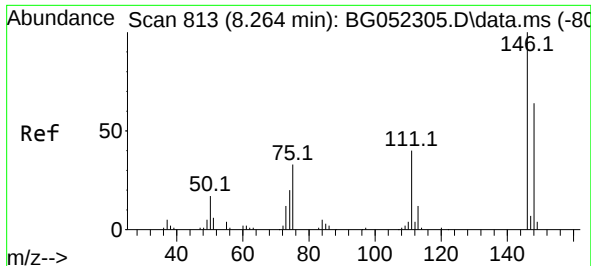
Tgt Ion: 93 Resp: 72810
Ion Ratio Lower Upper
93 100
63 77.6 67.1 107.1
95 31.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 45.884 ng
RT: 8.113 min Scan# 787
Delta R.T. -0.005 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion: 146 Resp: 81832
Ion Ratio Lower Upper
146 100
148 63.2 49.1 73.7
75 36.8 30.9 46.3

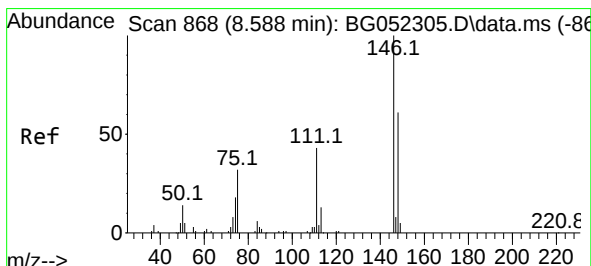
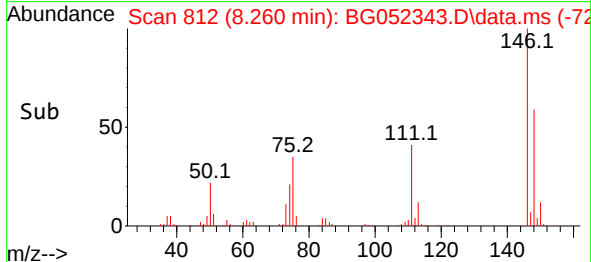
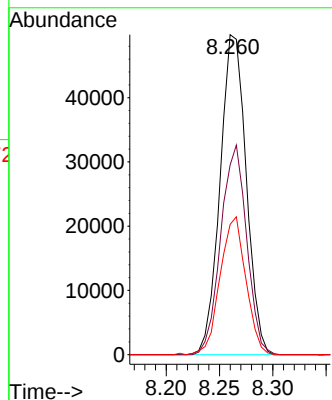
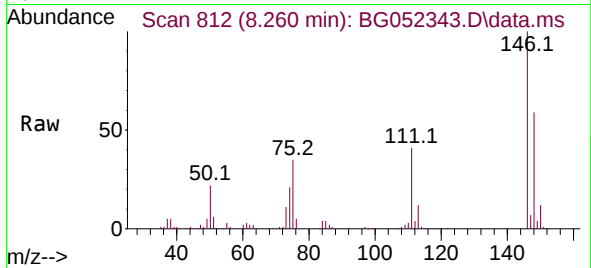




#13
1,4-Dichlorobenzene
Concen: 46.738 ng
RT: 8.260 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

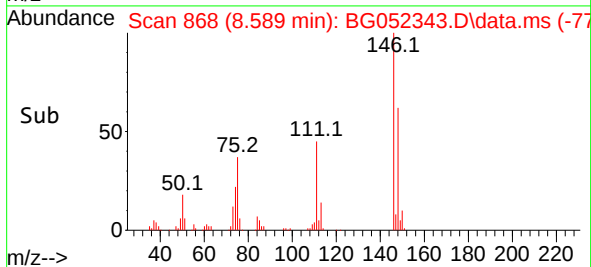
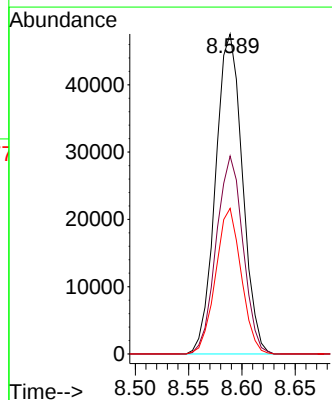
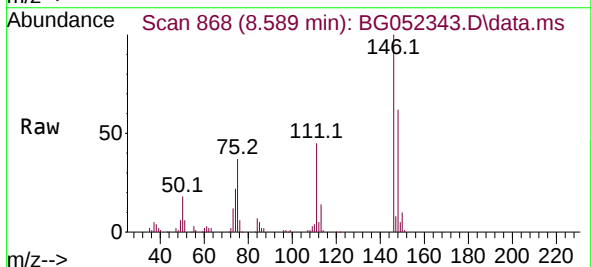
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

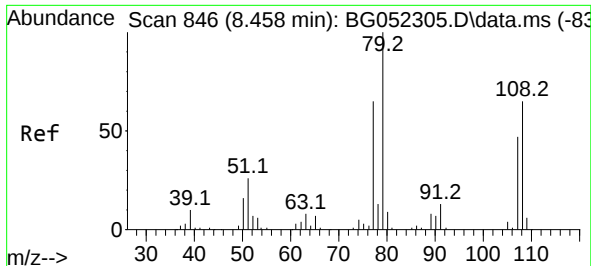
Tgt Ion:146 Resp: 84975
Ion Ratio Lower Upper
146 100
148 59.3 52.6 78.8
111 40.7 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 46.475 ng
RT: 8.589 min Scan# 868
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:146 Resp: 83333
Ion Ratio Lower Upper
146 100
148 61.9 46.5 69.7
111 45.5 37.0 55.4



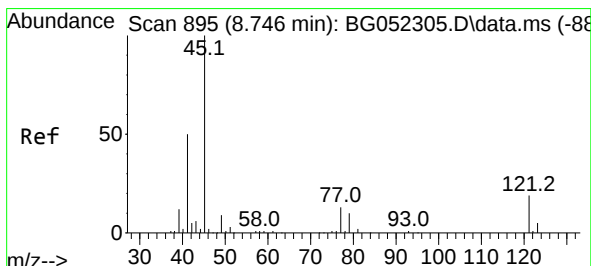
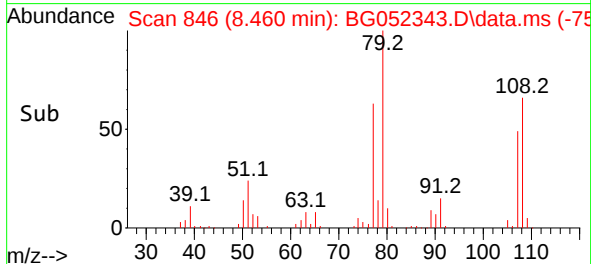
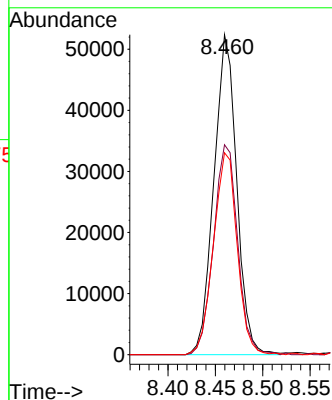
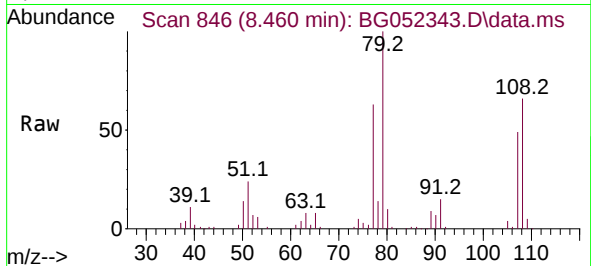


#15
Benzyl Alcohol
Concen: 48.094 ng
RT: 8.460 min Scan# 846
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Instrument :
BNA_G
ClientSampleId :
SP-3MSD

Tgt Ion: 79 Resp: 87631

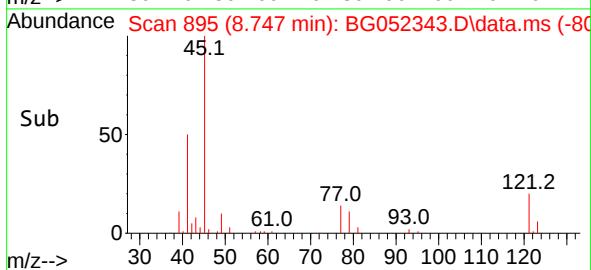
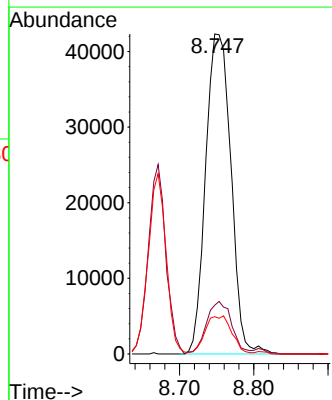
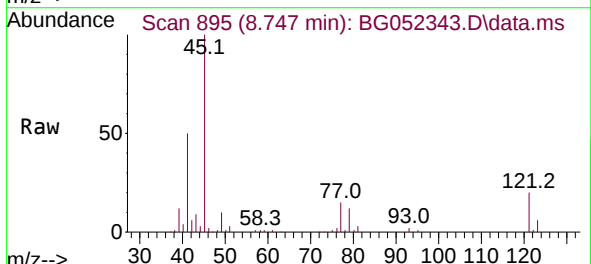
Ion	Ratio	Lower	Upper
79	100		
108	65.6	53.8	80.6
77	63.1	54.4	81.6

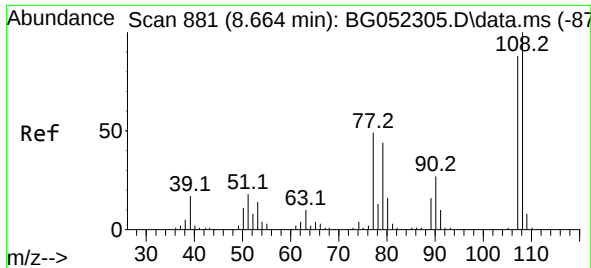


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.607 ng
RT: 8.747 min Scan# 895
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion: 45 Resp: 100178

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	33.8
79	11.6	0.0	31.1





#17

2-Methylphenol

Concen: 52.413 ng

RT: 8.671 min Scan# 881

Delta R.T. 0.007 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

Instrument :

BNA_G

ClientSampleId :

SP-3MSD

Tgt Ion:107 Resp: 75445

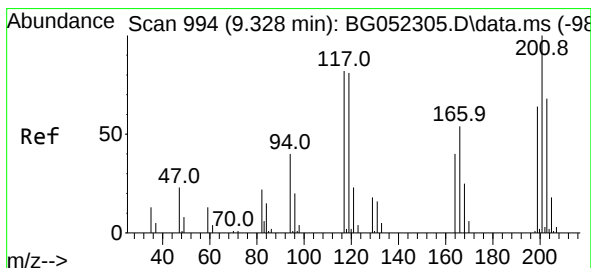
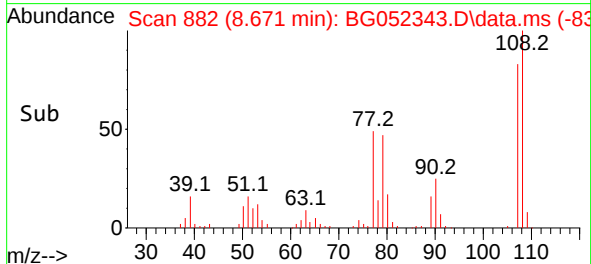
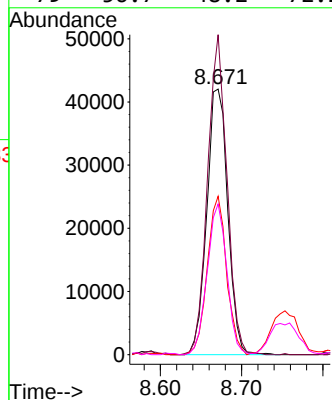
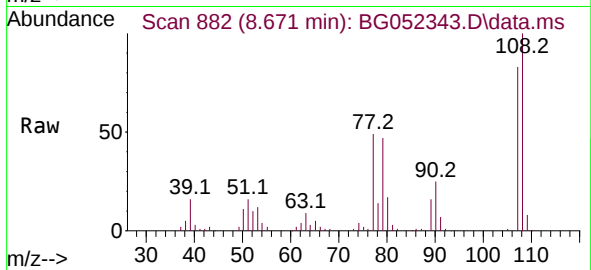
Ion Ratio Lower Upper

107 100

108 120.5 90.3 135.5

77 59.6 49.0 73.6

79 56.7 48.2 72.2



#18

Hexachloroethane

Concen: 45.610 ng

RT: 9.329 min Scan# 994

Delta R.T. 0.001 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

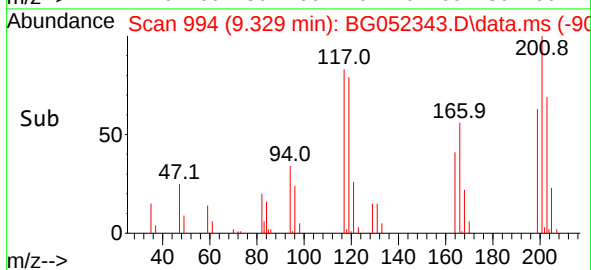
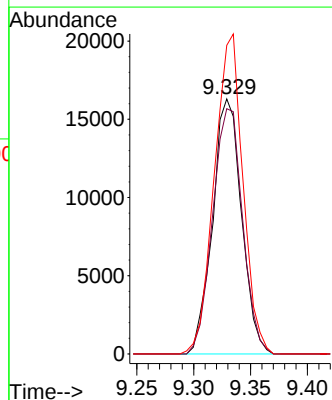
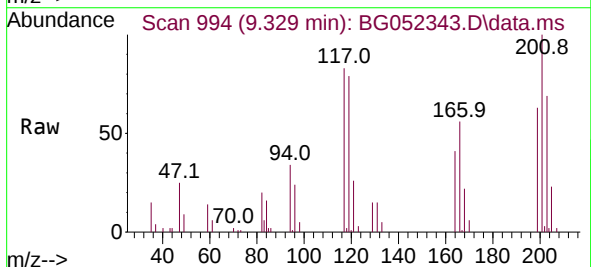
Tgt Ion:117 Resp: 28834

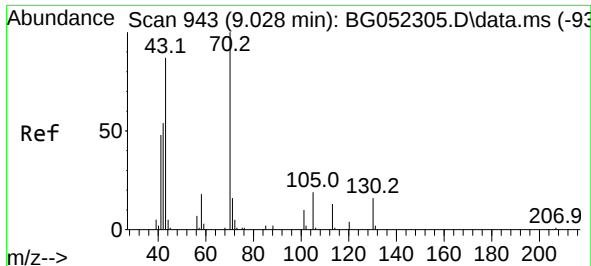
Ion Ratio Lower Upper

117 100

119 96.2 73.5 110.3

201 121.0 91.0 136.6



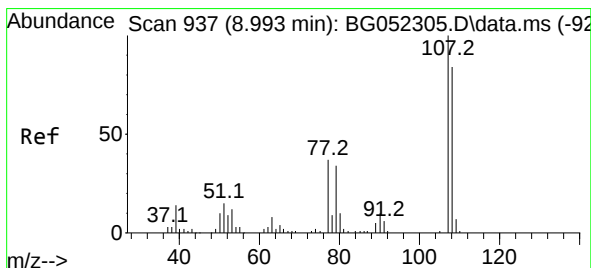
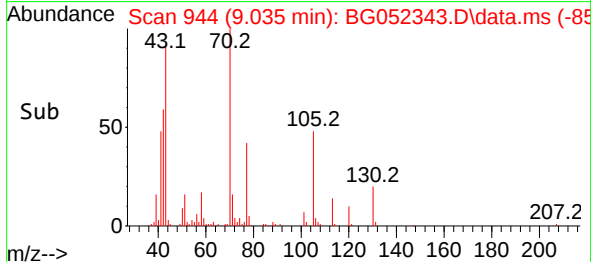
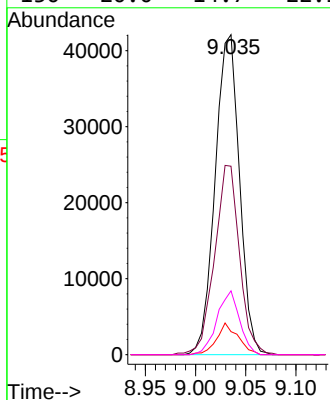
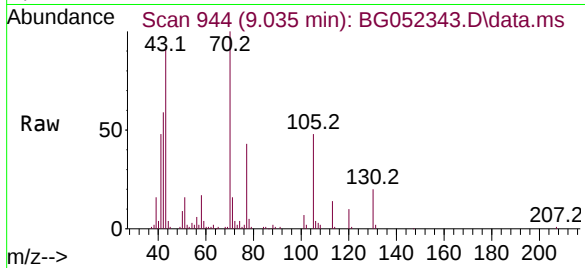


#19
n-Nitroso-di-n-propylamine
Concen: 42.879 ng
RT: 9.035 min Scan# 943
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Instrument :
BNA_G
ClientSampleId :
SP-3MSD

Tgt Ion: 70 Resp: 70970

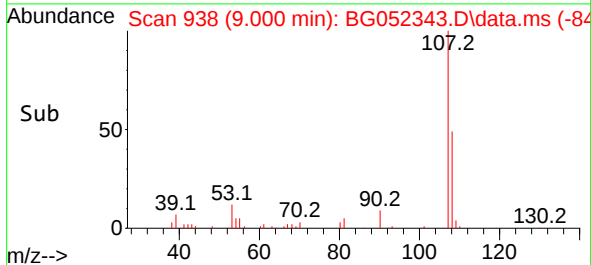
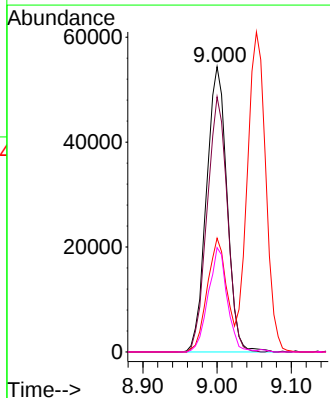
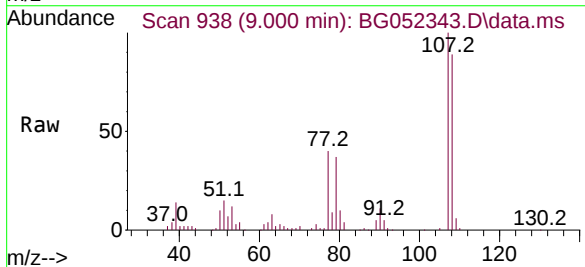
Ion	Ratio	Lower	Upper
70	100		
42	58.9	51.8	77.6
101	7.2	6.6	10.0
130	20.0	14.7	22.1



#20
3+4-Methylphenols
Concen: 50.848 ng
RT: 9.000 min Scan# 938
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion: 107 Resp: 104714

Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.9	111.9
77	39.9	24.6	64.6
79	36.6	18.2	58.2

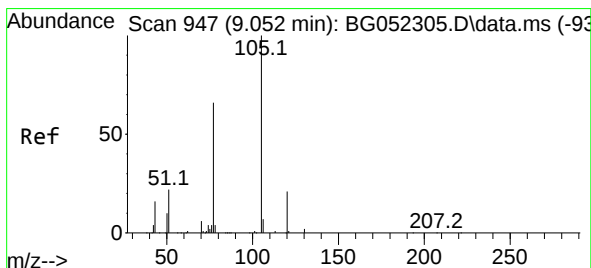
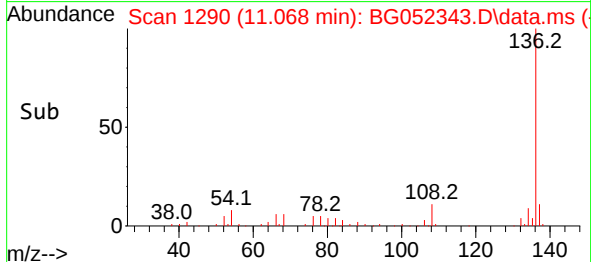
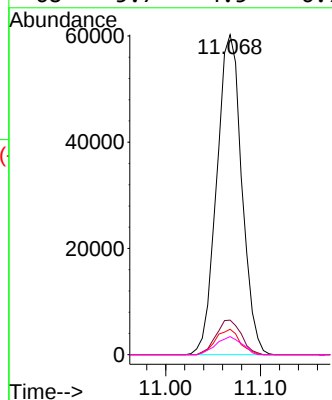
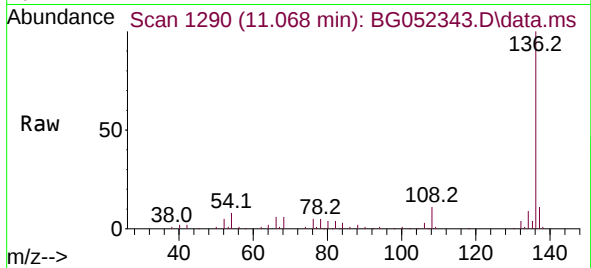




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

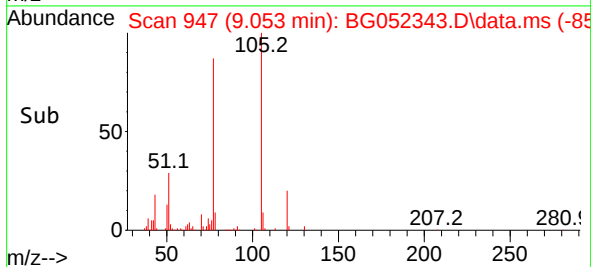
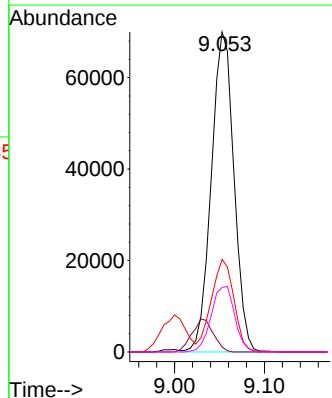
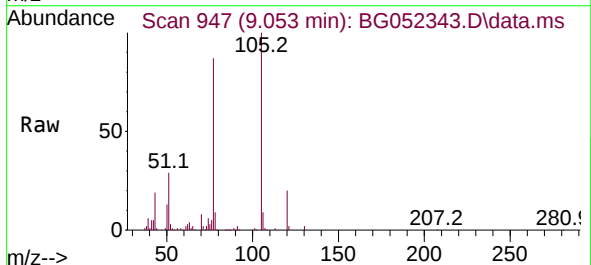
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

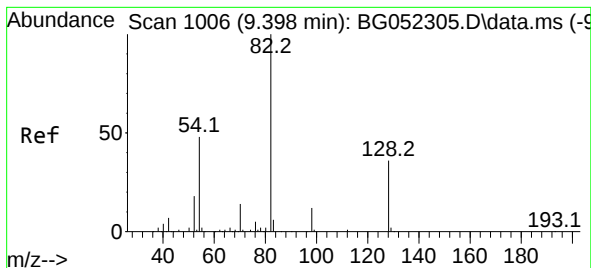
Tgt Ion:136 Resp: 110461
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.9 8.3 12.5#
68 5.7 4.5 6.7



#22
Acetophenone
Concen: 42.005 ng
RT: 9.053 min Scan# 947
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:105 Resp: 122630
Ion Ratio Lower Upper
105 100
71 1.6 1.8 2.6#
51 28.9 27.0 40.4
120 20.2 16.2 24.4





#23

Nitrobenzene-d5

Concen: 49.544 ng

RT: 9.399 min Scan# 1006

Delta R.T. 0.001 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

Instrument :

BNA_G

ClientSampleId :

SP-3MSD

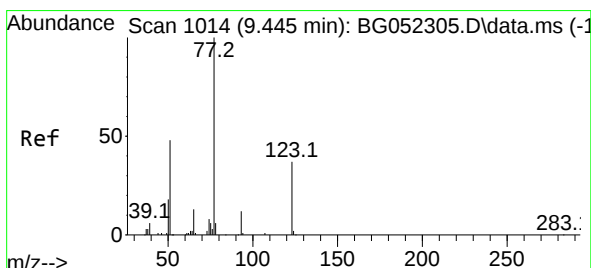
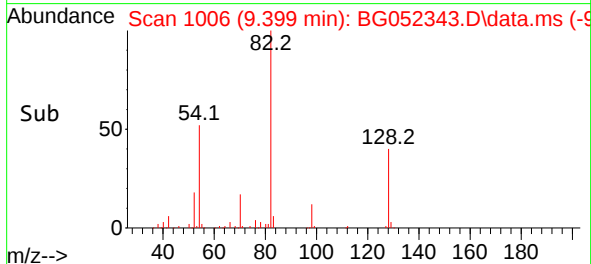
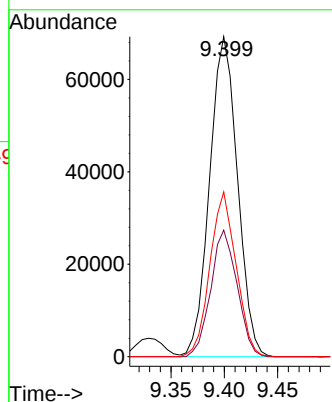
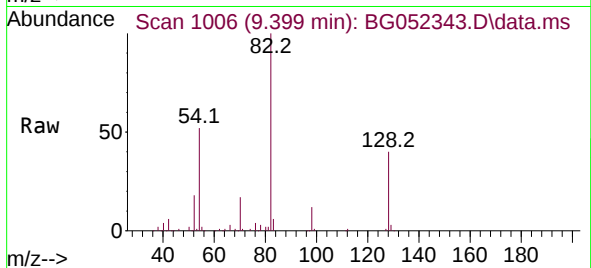
Tgt Ion: 82 Resp: 125921

Ion Ratio Lower Upper

82 100

128 39.5 27.0 40.4

54 51.5 41.0 61.6



#24

Nitrobenzene

Concen: 43.700 ng

RT: 9.441 min Scan# 1013

Delta R.T. -0.005 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

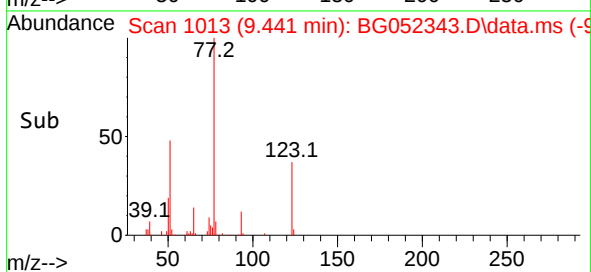
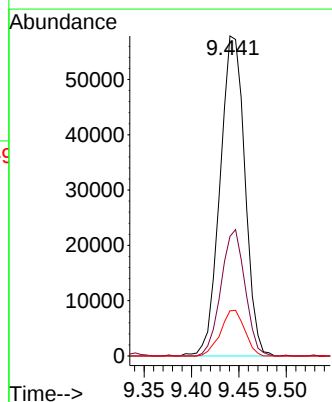
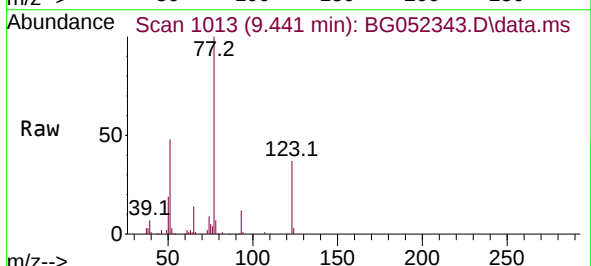
Tgt Ion: 77 Resp: 105357

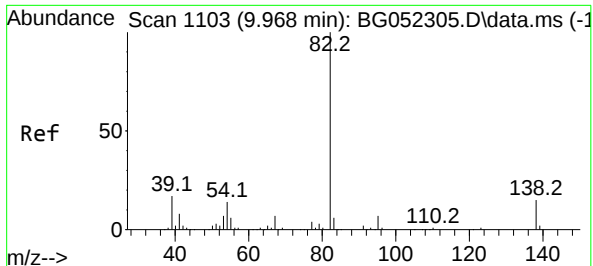
Ion Ratio Lower Upper

77 100

123 37.4 27.1 40.7

65 14.1 11.2 16.8

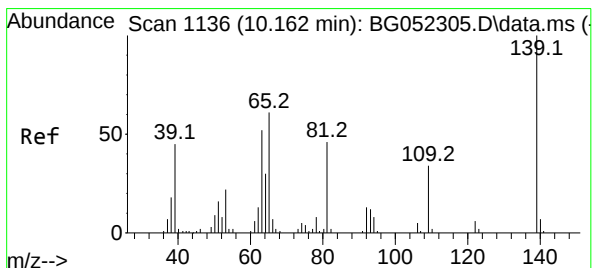
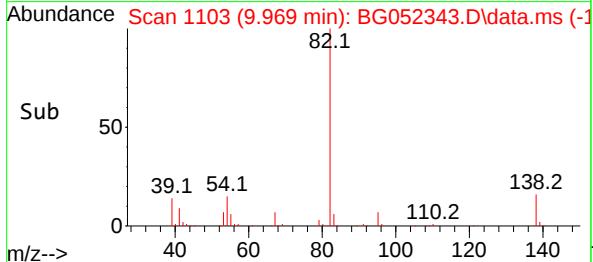
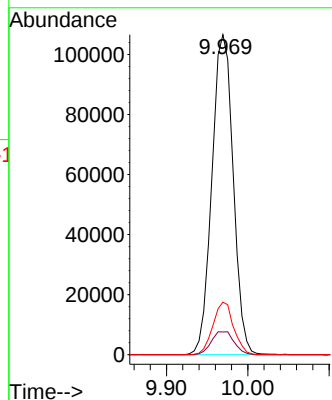
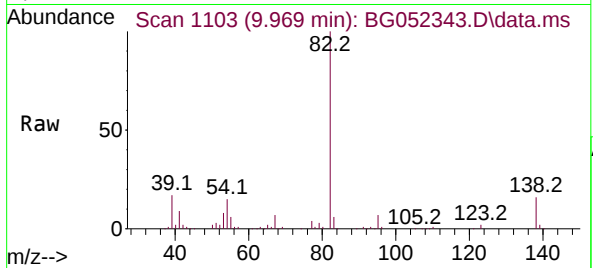




#25
Isophorone
Concen: 44.867 ng
RT: 9.969 min Scan# 1103
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

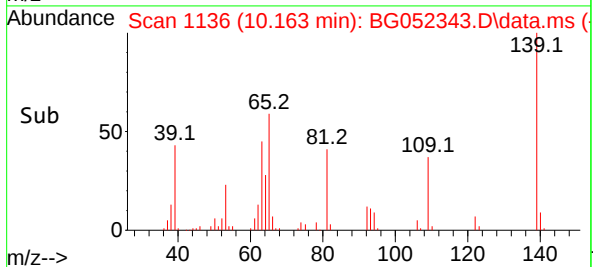
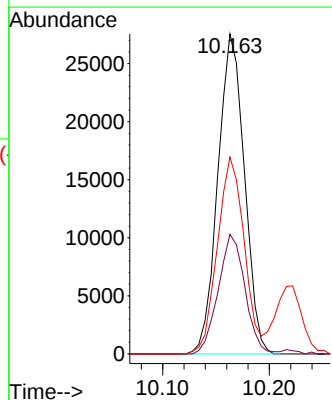
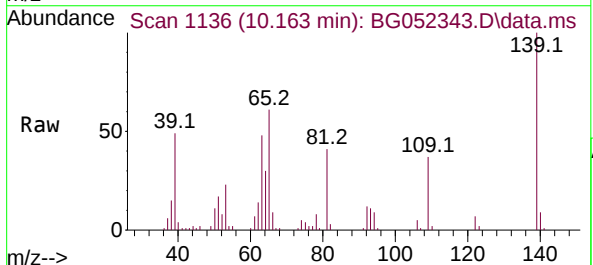
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

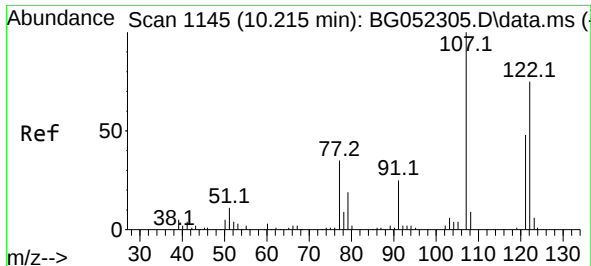
Tgt Ion: 82 Resp: 194030
Ion Ratio Lower Upper
82 100
95 7.1 6.6 9.8
138 16.4 12.5 18.7



#26
2-Nitrophenol
Concen: 46.529 ng
RT: 10.163 min Scan# 1136
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:139 Resp: 47547
Ion Ratio Lower Upper
139 100
109 37.4 30.4 45.6
65 61.5 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 57.143 ng

RT: 10.222 min Scan# 1146

Delta R.T. 0.007 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

Instrument :

BNA_G

ClientSampleId :

SP-3MSD

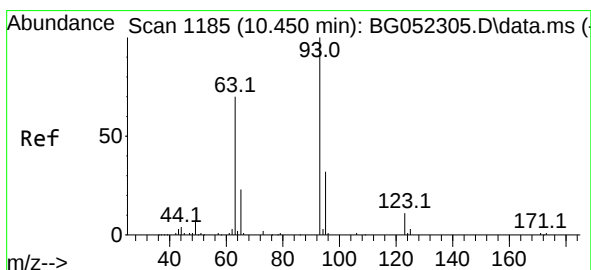
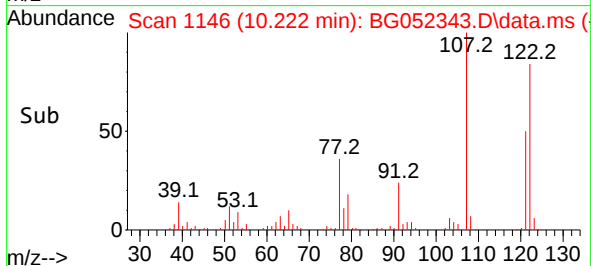
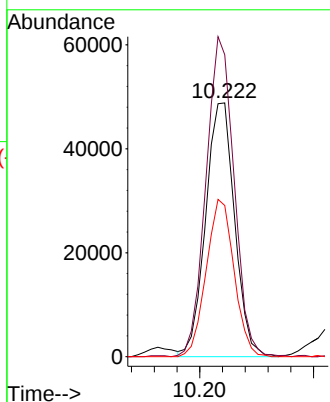
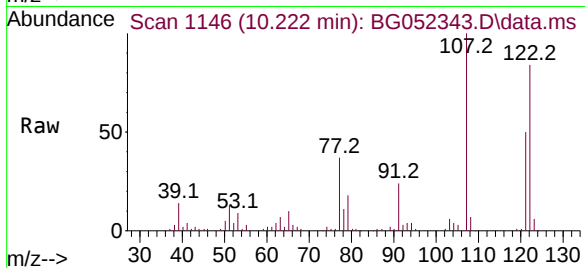
Tgt Ion:122 Resp: 86455

Ion Ratio Lower Upper

122 100

107 119.0 105.8 158.8

121 59.6 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.355 ng

RT: 10.445 min Scan# 1184

Delta R.T. -0.005 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

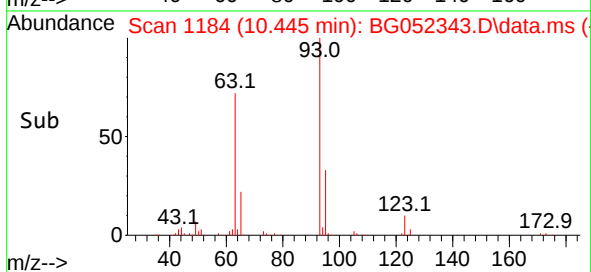
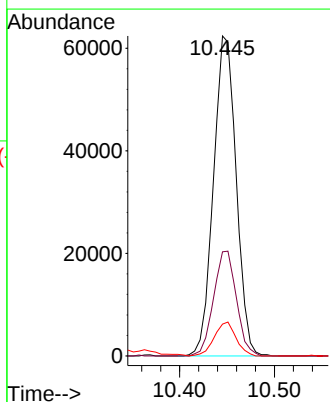
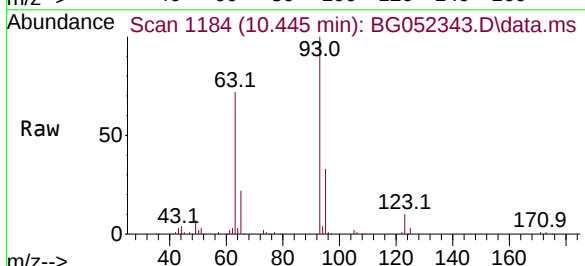
Tgt Ion: 93 Resp: 103950

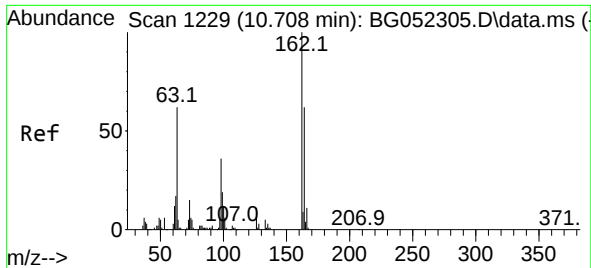
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 10.0 7.6 11.4

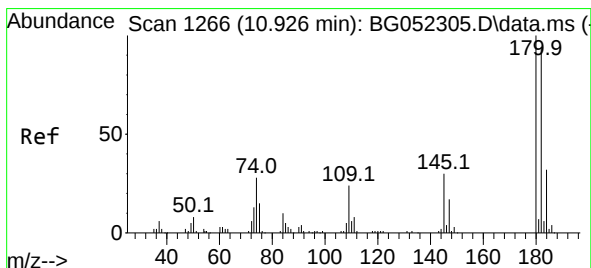
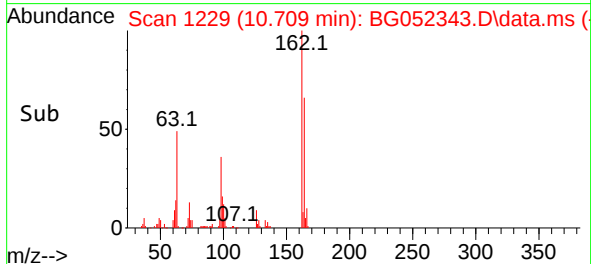
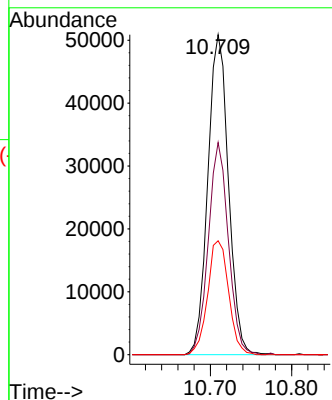
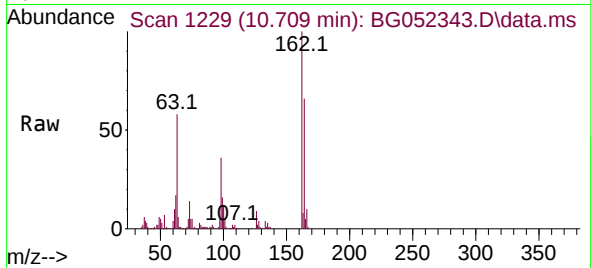




#29
2,4-Dichlorophenol
Concen: 49.408 ng
RT: 10.709 min Scan# 1229
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

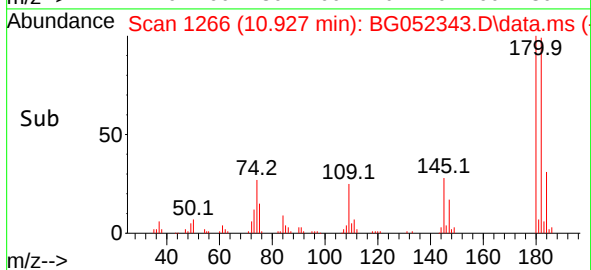
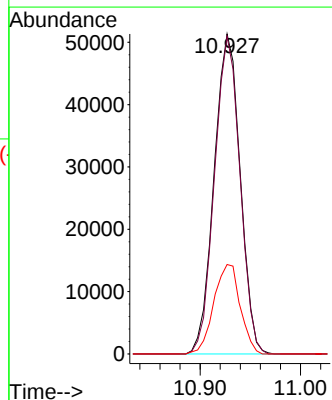
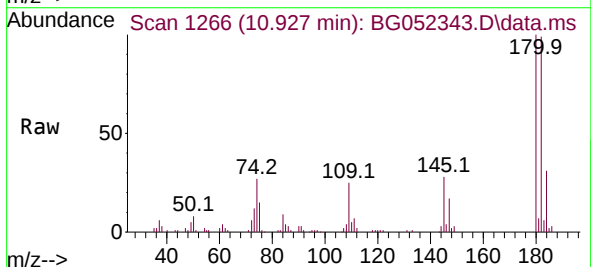
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

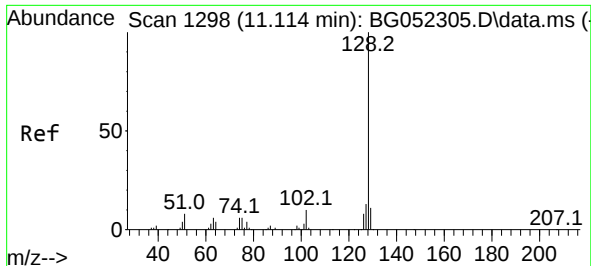
Tgt Ion:162 Resp: 89601
Ion Ratio Lower Upper
162 100
164 66.3 44.3 84.3
98 35.6 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 43.649 ng
RT: 10.927 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:180 Resp: 92432
Ion Ratio Lower Upper
180 100
182 99.3 76.1 114.1
145 28.0 24.0 36.0

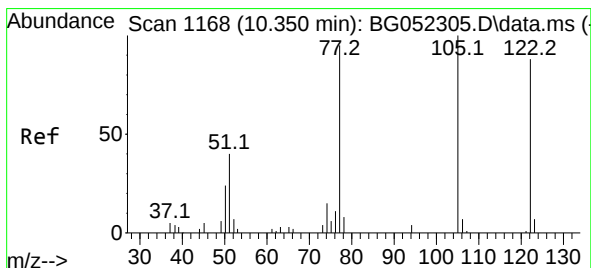
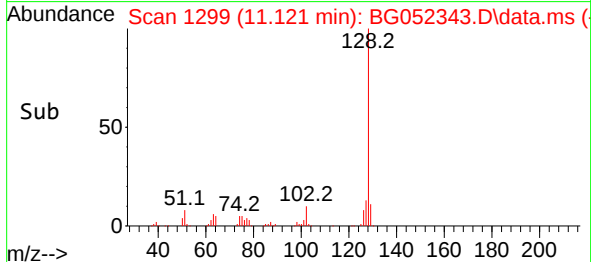
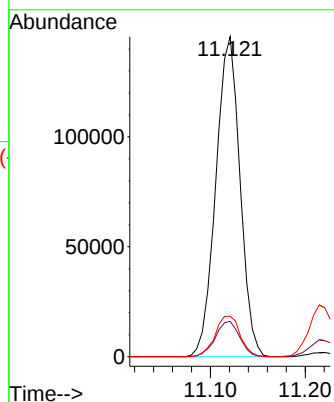
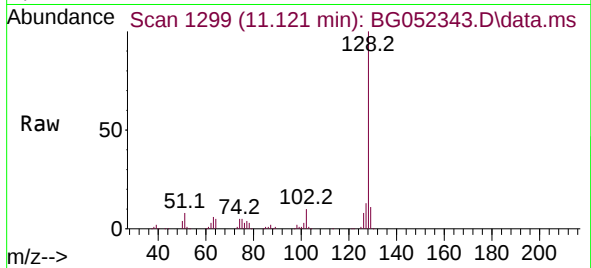




#31
Naphthalene
Concen: 44.500 ng
RT: 11.121 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

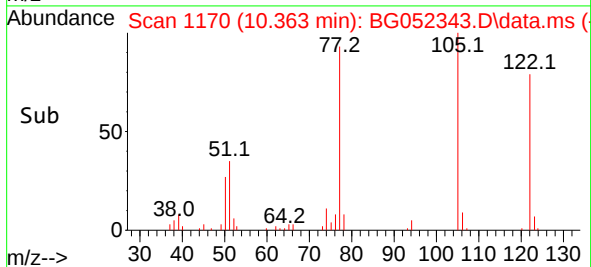
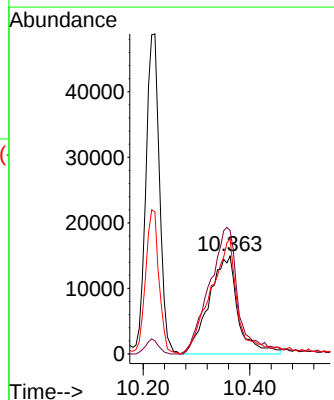
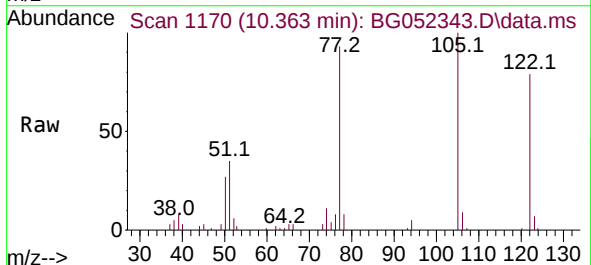
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

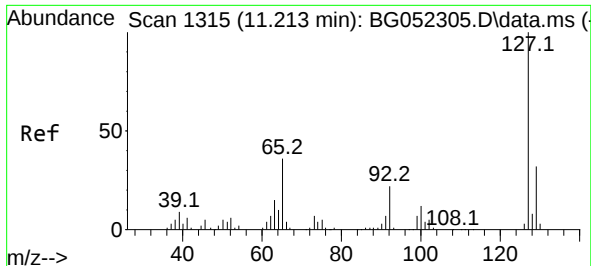
Tgt Ion:128 Resp: 257693
Ion Ratio Lower Upper
128 100
129 11.0 9.8 14.6
127 12.7 12.0 18.0



#32
Benzoic acid
Concen: 56.496 ng
RT: 10.363 min Scan# 1170
Delta R.T. 0.013 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:122 Resp: 56450
Ion Ratio Lower Upper
122 100
105 126.2 109.2 149.2
77 117.9 92.8 132.8

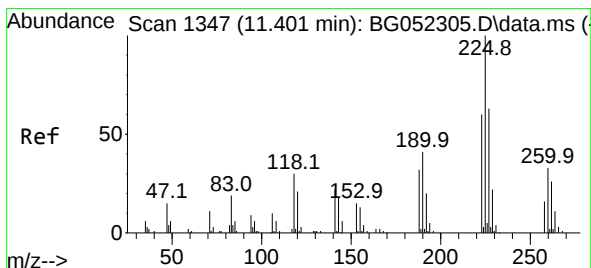
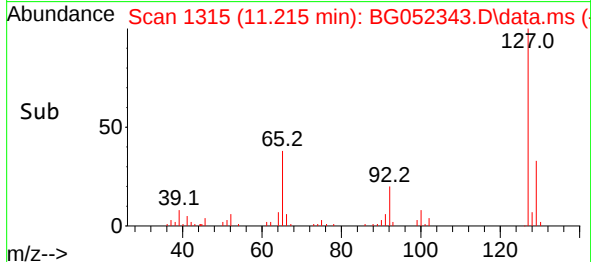
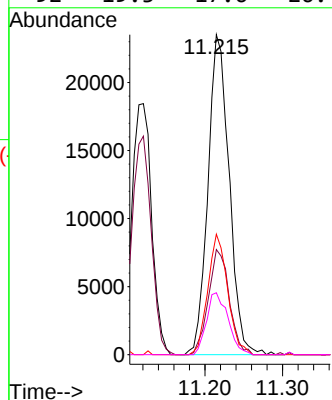
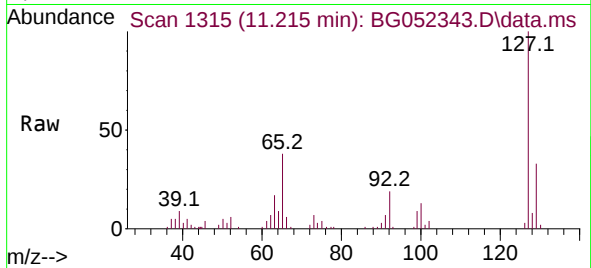




#33
4-Chloroaniline
Concen: 18.481 ng
RT: 11.215 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

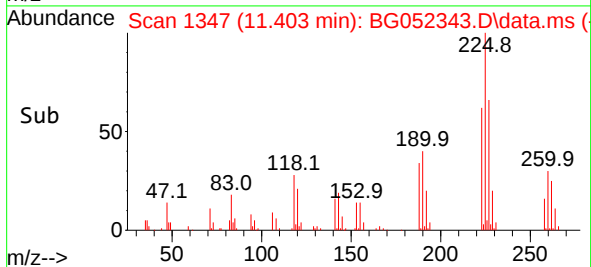
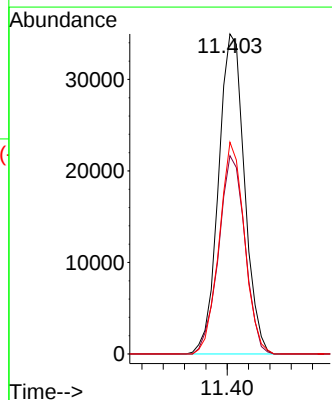
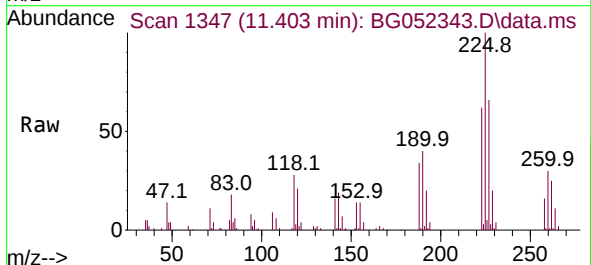
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

Tgt Ion:127	Resp:	44682	
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.0	40.6
65	37.7	28.7	43.1
92	19.3	17.6	26.4



#34
Hexachlorobutadiene
Concen: 41.245 ng
RT: 11.403 min Scan# 1347
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt	Ion:225	Resp:	58986
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.6	77.4
227	66.2	53.9	80.9

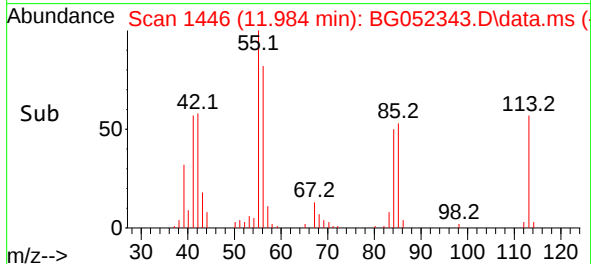
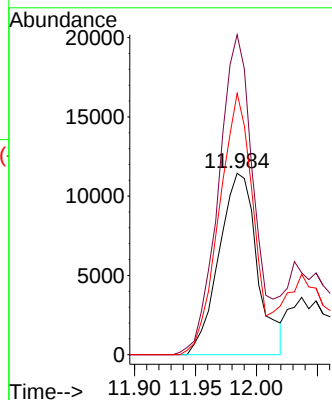
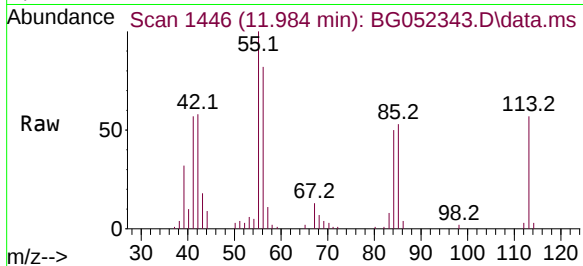




#35
 Caprolactam
 Concen: 37.781 ng
 RT: 11.984 min Scan# 1446
 Delta R.T. 0.007 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

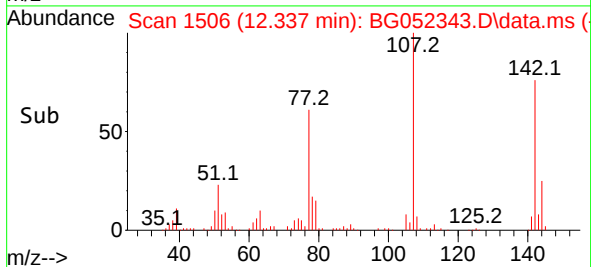
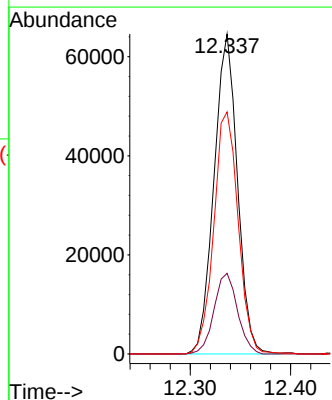
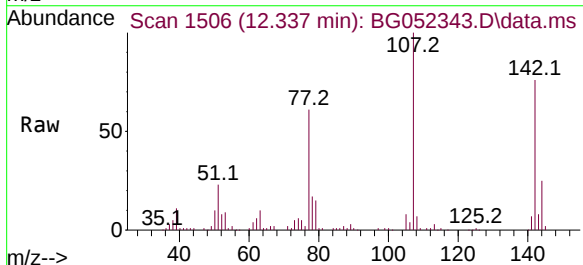
Instrument :
 BNA_G
 ClientSampleId :
 SP-3MSD

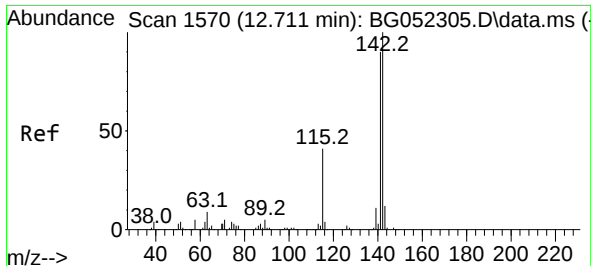
Tgt Ion:113 Resp: 24969
 Ion Ratio Lower Upper
 113 100
 55 176.3 161.4 201.4
 56 144.0 132.6 172.6



#36
 4-Chloro-3-methylphenol
 Concen: 50.691 ng
 RT: 12.337 min Scan# 1506
 Delta R.T. 0.007 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

Tgt Ion:107 Resp: 104584
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.3 28.9
 142 75.7 63.9 95.9

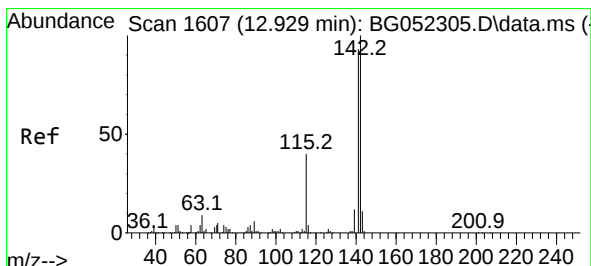
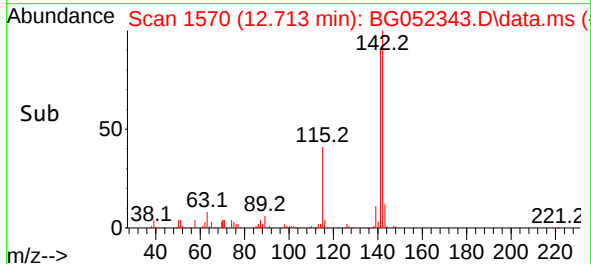
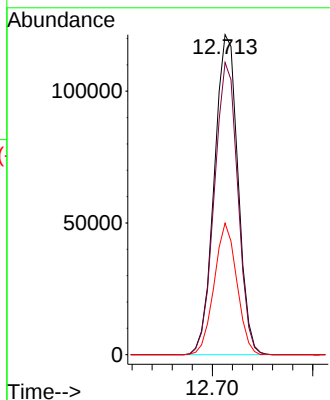
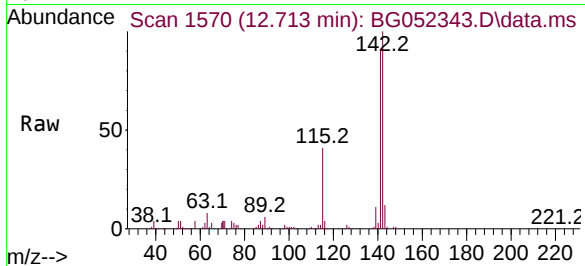




#37
2-Methylnaphthalene
Concen: 46.133 ng
RT: 12.713 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

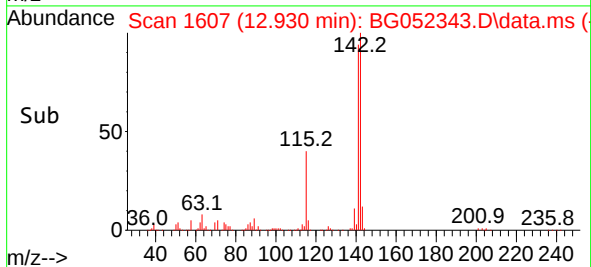
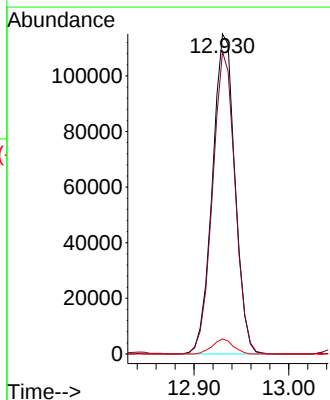
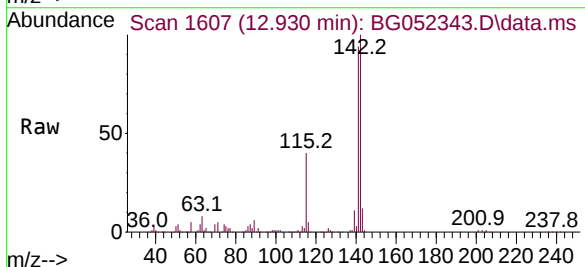
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

Tgt Ion:142 Resp: 198424
Ion Ratio Lower Upper
142 100
141 91.3 71.7 107.5
115 41.1 32.2 48.4



#38
1-Methylnaphthalene
Concen: 45.571 ng
RT: 12.930 min Scan# 1607
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:142 Resp: 189929
Ion Ratio Lower Upper
142 100
141 94.4 75.0 112.4
116 4.7 4.2 6.4

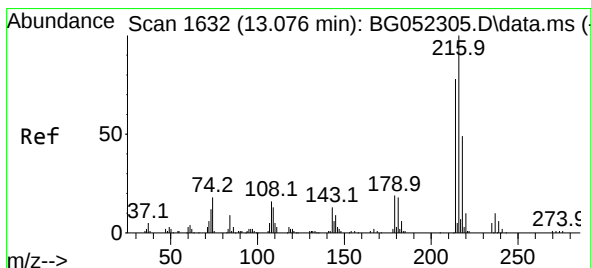
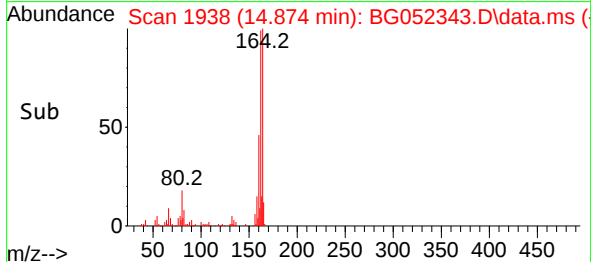
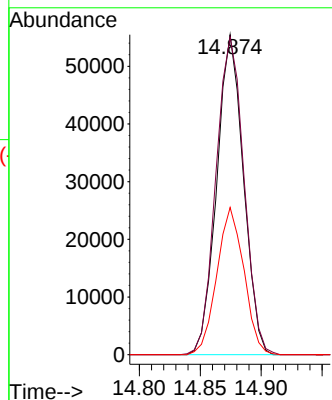
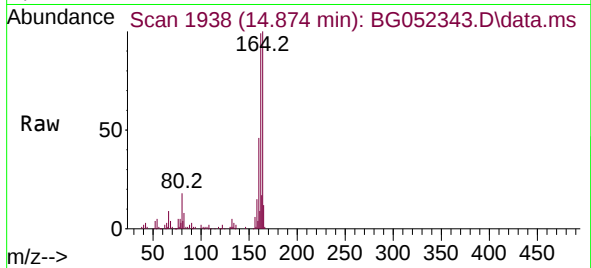




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

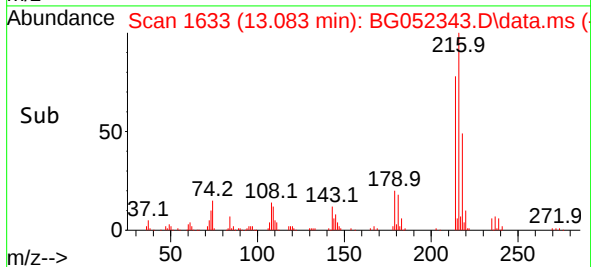
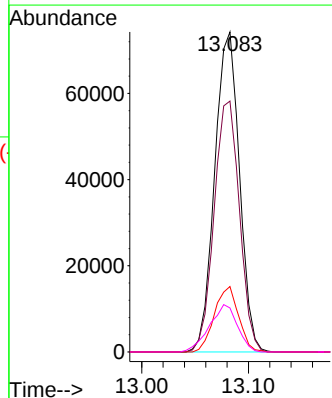
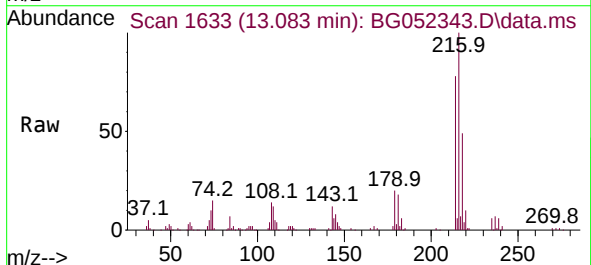
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

Tgt Ion:164 Resp: 84394
Ion Ratio Lower Upper
164 100
162 99.2 82.2 123.2
160 46.0 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.088 ng
RT: 13.083 min Scan# 1633
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

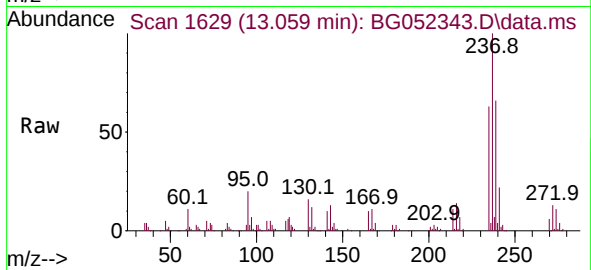
Tgt Ion:216 Resp: 119605
Ion Ratio Lower Upper
216 100
214 80.3 63.2 94.8
179 20.0 16.3 24.5
108 16.8 14.5 21.7



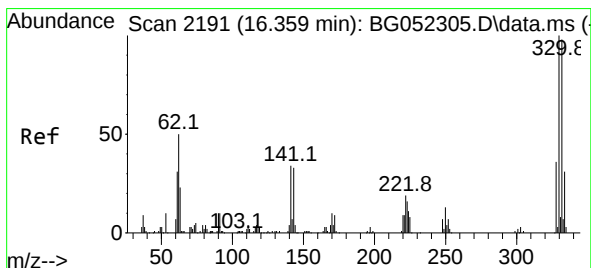
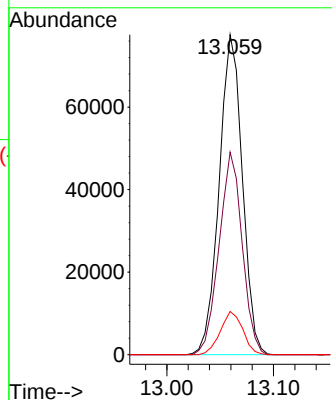
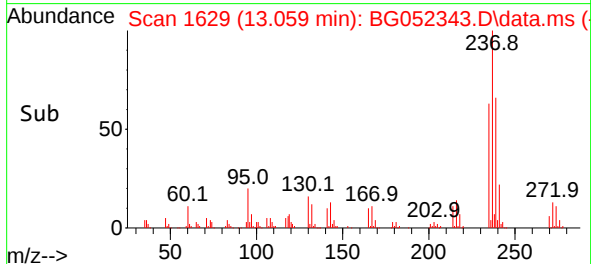


#41
Hexachlorocyclopentadiene
Concen: 87.018 ng
RT: 13.059 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

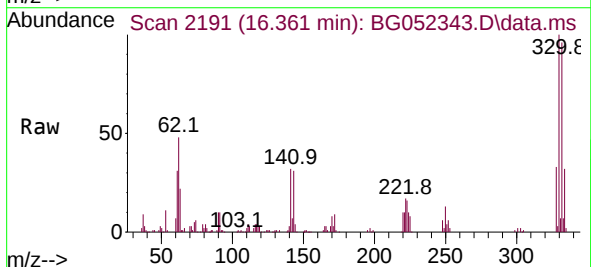
Instrument :
BNA_G
ClientSampleId :
SP-3MSD



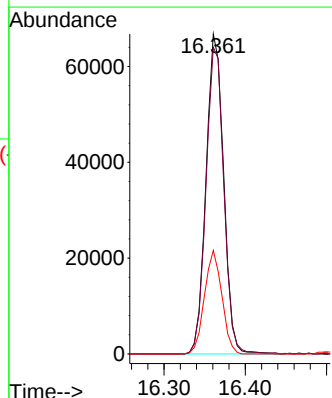
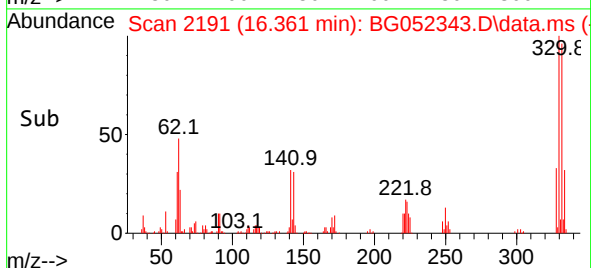
Tgt Ion:237 Resp: 117011
Ion Ratio Lower Upper
237 100
235 63.3 45.9 85.9
272 13.5 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 82.642 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.002 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16



Tgt Ion:330 Resp: 100200
Ion Ratio Lower Upper
330 100
332 97.2 78.6 117.8
141 32.0 28.8 43.2

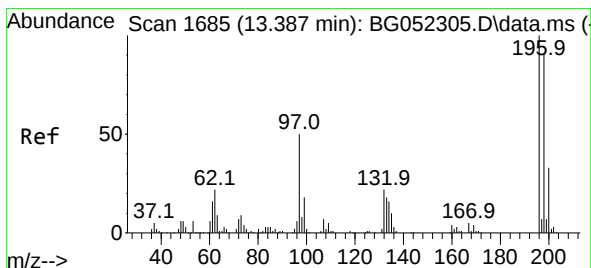
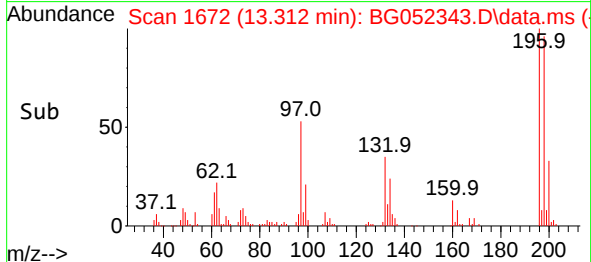
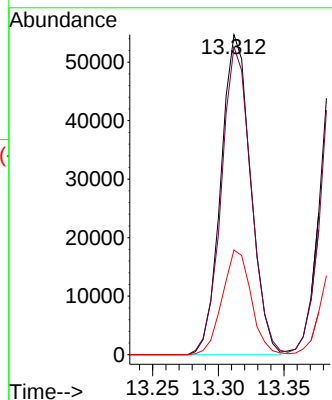
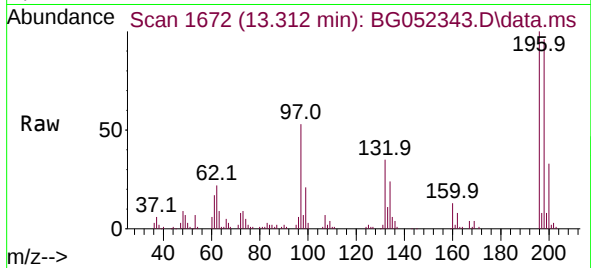




#43
 2,4,6-Trichlorophenol
 Concen: 47.311 ng
 RT: 13.312 min Scan# 1
 Delta R.T. 0.001 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

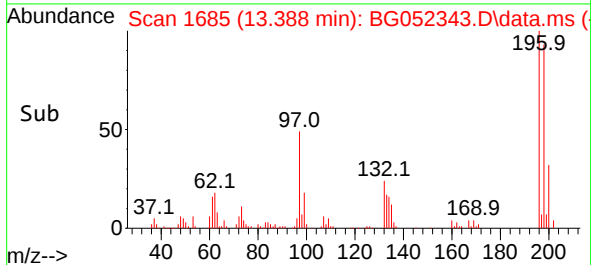
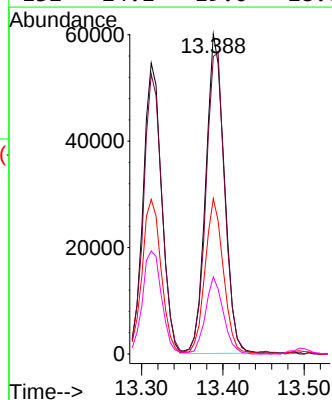
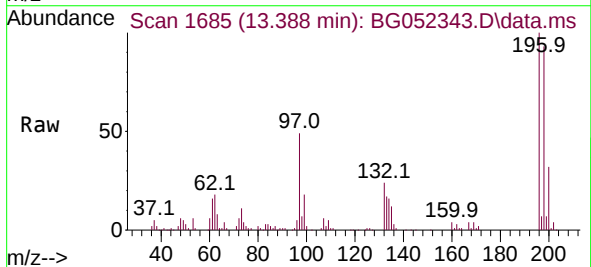
Instrument :
 BNA_G
 ClientSampleId :
 SP-3MSD

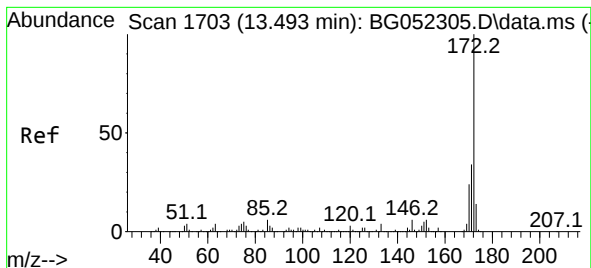
Tgt Ion:196 Resp: 85890
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.4 117.6
 200 32.7 28.5 42.7



#44
 2,4,5-Trichlorophenol
 Concen: 48.347 ng
 RT: 13.388 min Scan# 1685
 Delta R.T. 0.001 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

Tgt Ion:196 Resp: 95117
 Ion Ratio Lower Upper
 196 100
 198 93.0 78.6 118.0
 97 48.6 43.8 65.8
 132 24.1 19.0 28.6





#45

2-Fluorobiphenyl

Concen: 50.097 ng

RT: 13.494 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

Instrument :

BNA_G

ClientSampleId :

SP-3MSD

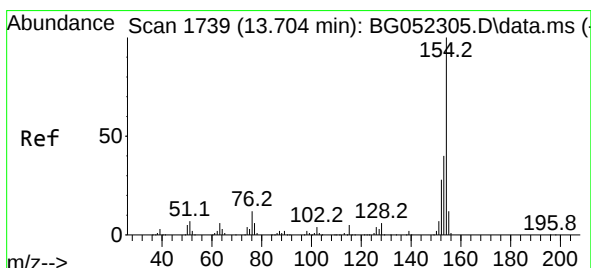
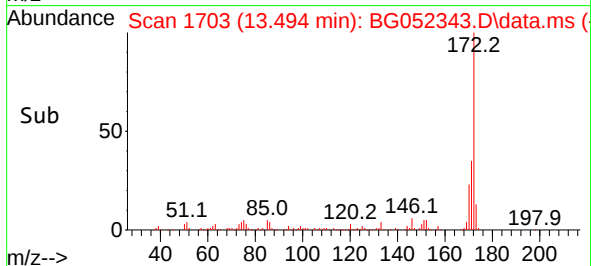
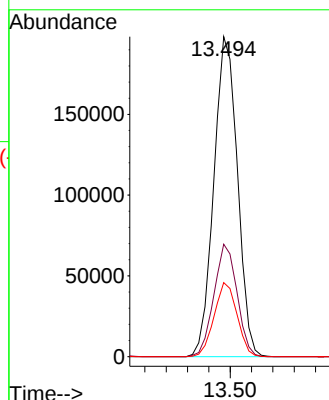
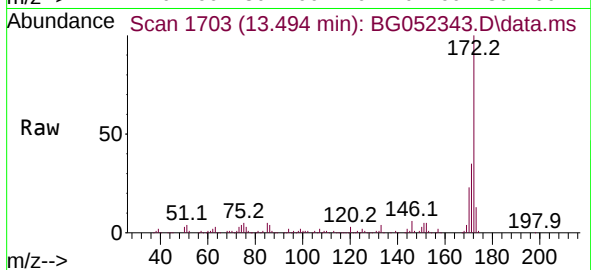
Tgt Ion:172 Resp: 304264

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.1 18.3 27.5



#46

1,1'-Biphenyl

Concen: 45.119 ng

RT: 13.705 min Scan# 1739

Delta R.T. 0.001 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

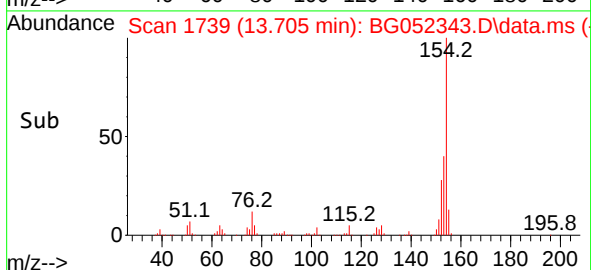
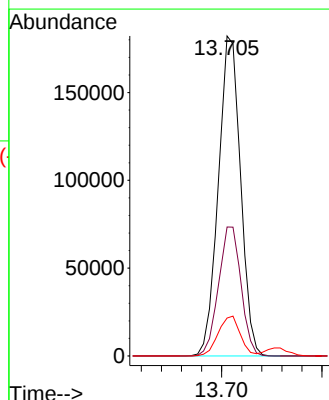
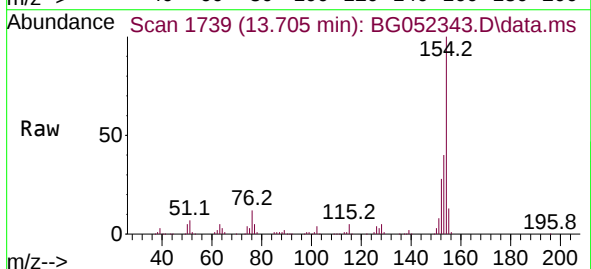
Tgt Ion:154 Resp: 279217

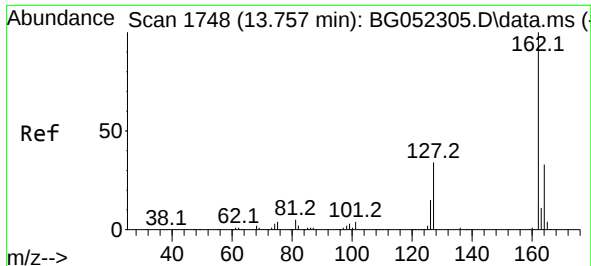
Ion Ratio Lower Upper

154 100

153 40.3 21.1 61.1

76 11.9 0.0 32.6

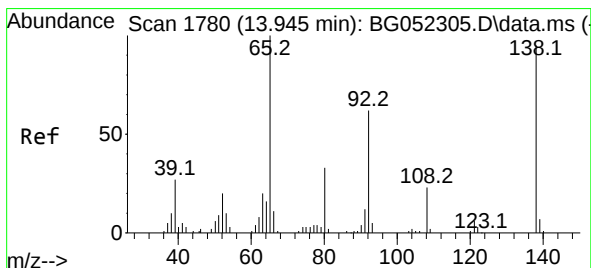
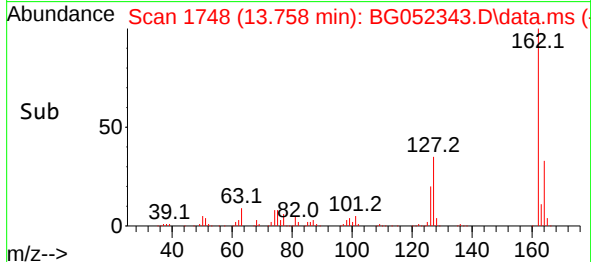
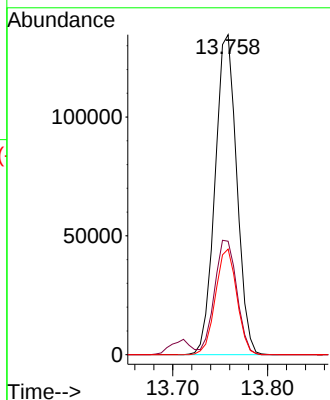
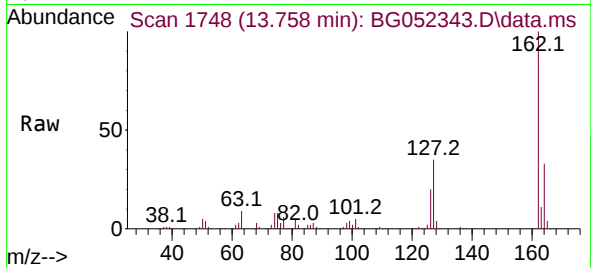




#47
2-Chloronaphthalene
Concen: 45.005 ng
RT: 13.758 min Scan# 1748
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

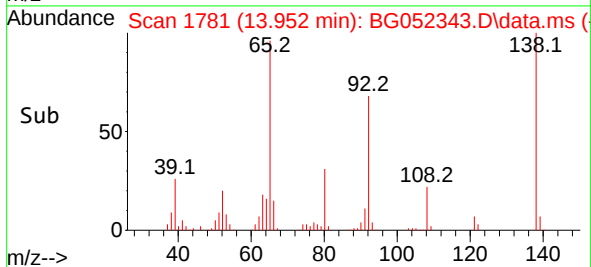
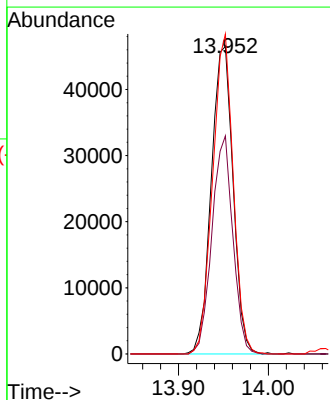
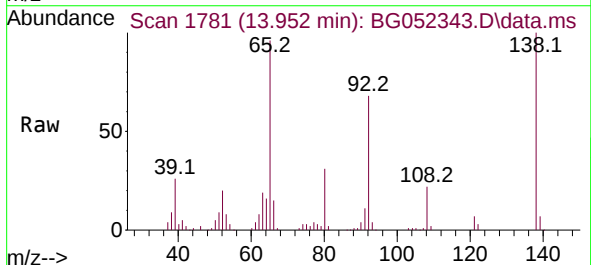
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

Tgt Ion:162 Resp: 214574
Ion Ratio Lower Upper
162 100
127 35.4 30.4 45.6
164 33.0 25.0 37.4



#48
2-Nitroaniline
Concen: 46.130 ng
RT: 13.952 min Scan# 1781
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

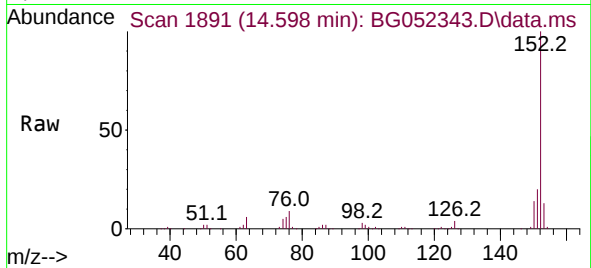
Tgt Ion: 65 Resp: 78303
Ion Ratio Lower Upper
65 100
92 70.9 51.0 76.6
138 104.0 72.4 108.6



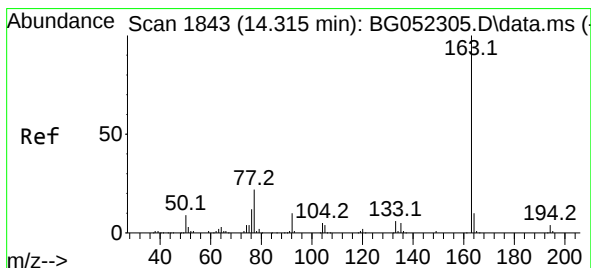
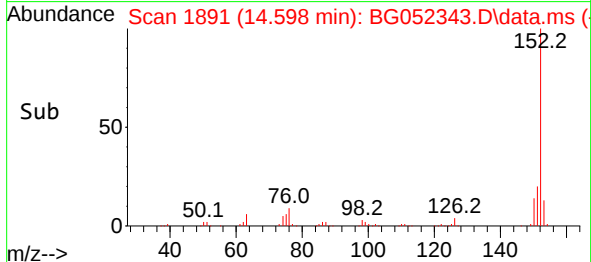
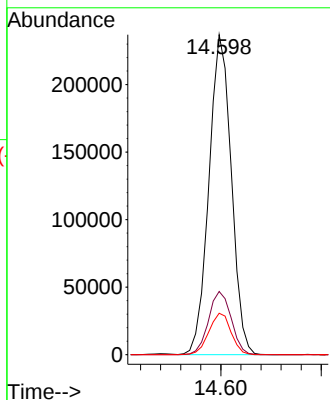


#49
Acenaphthylene
Concen: 47.228 ng
RT: 14.598 min Scan# 1891
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Instrument :
BNA_G
ClientSampleId :
SP-3MSD

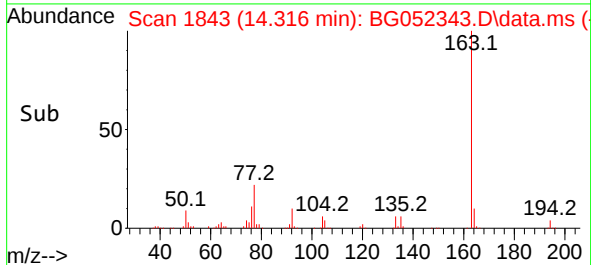
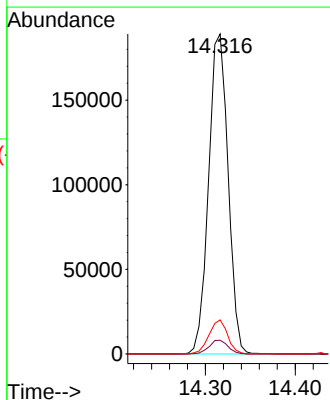
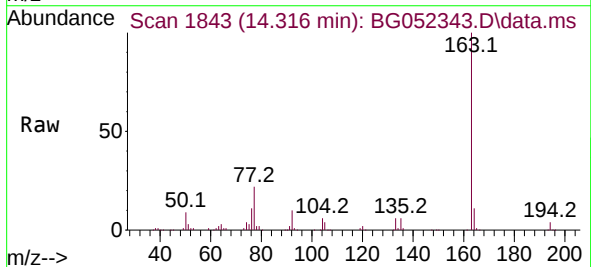


Tgt Ion:152 Resp: 366549
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.0 10.8 16.2



#50
Dimethylphthalate
Concen: 44.047 ng
RT: 14.316 min Scan# 1843
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:163 Resp: 284767
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.6 8.4 12.6

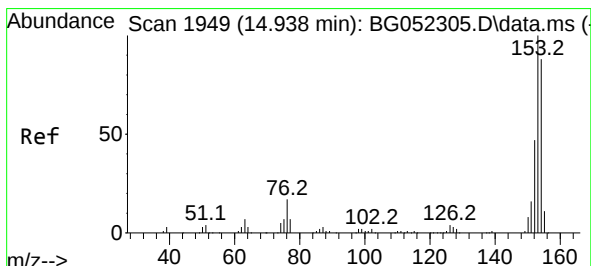
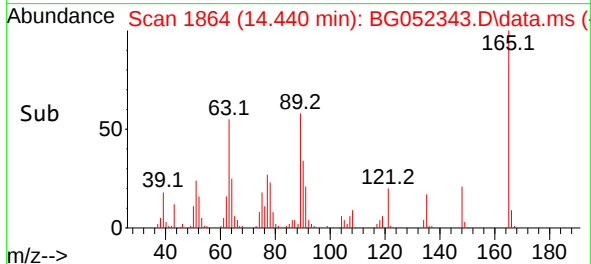
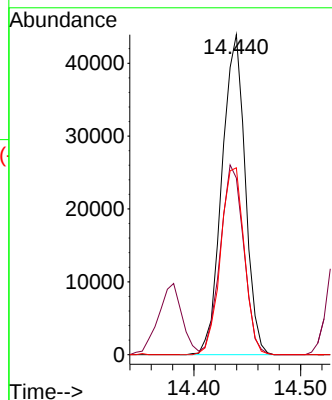
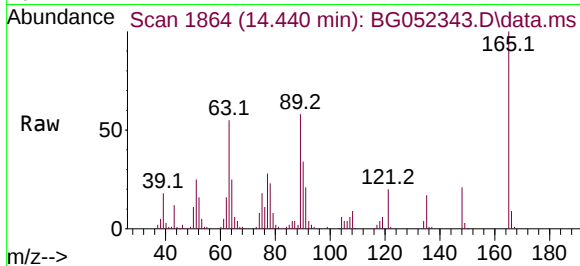




#51
2,6-Dinitrotoluene
Concen: 47.538 ng
RT: 14.440 min Scan# 1864
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

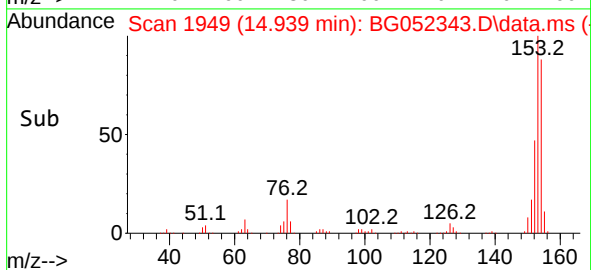
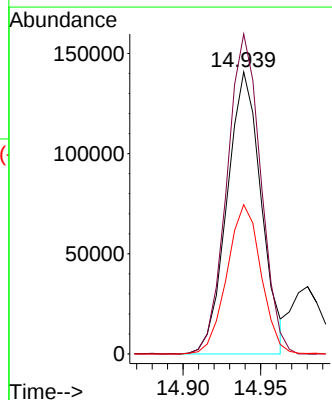
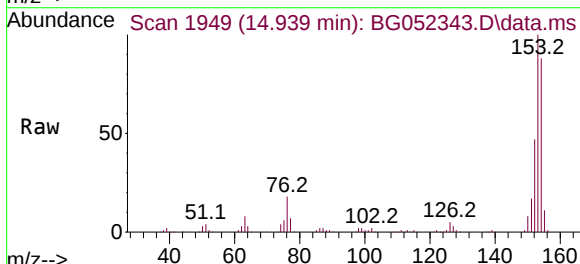
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

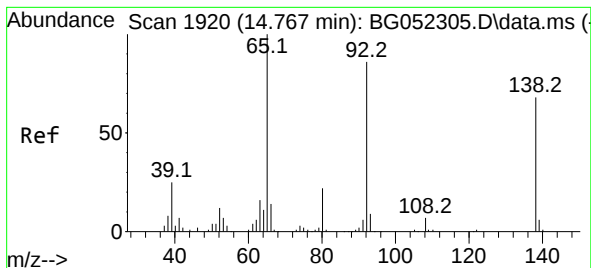
Tgt Ion:165 Resp: 66321
Ion Ratio Lower Upper
165 100
63 55.2 59.0 88.4#
89 58.4 49.4 74.0



#52
Acenaphthene
Concen: 42.396 ng
RT: 14.939 min Scan# 1949
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:154 Resp: 215493
Ion Ratio Lower Upper
154 100
153 113.5 91.9 137.9
152 52.9 43.4 65.2

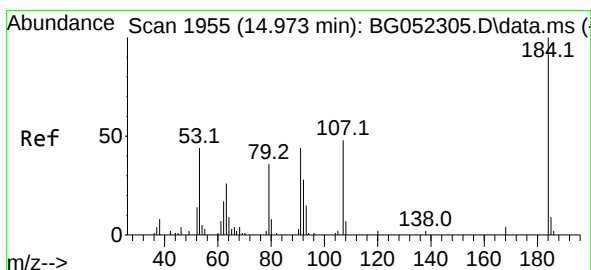
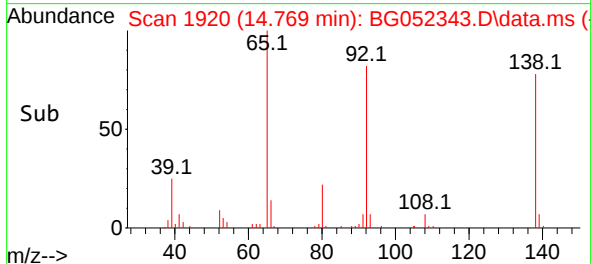
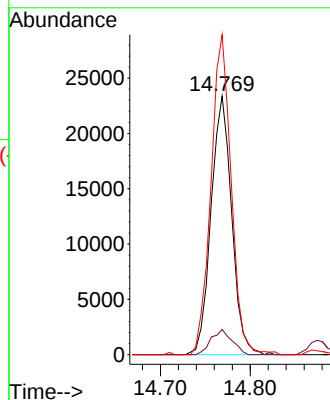
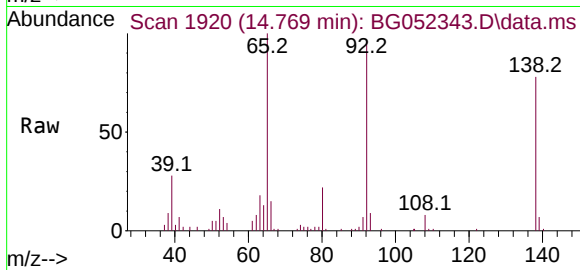




#53
3-Nitroaniline
Concen: 25.695 ng
RT: 14.769 min Scan# 1920
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

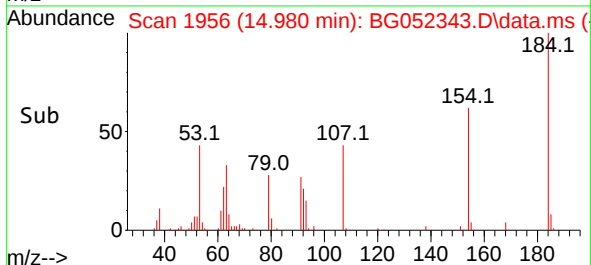
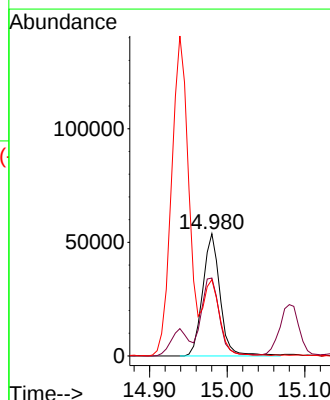
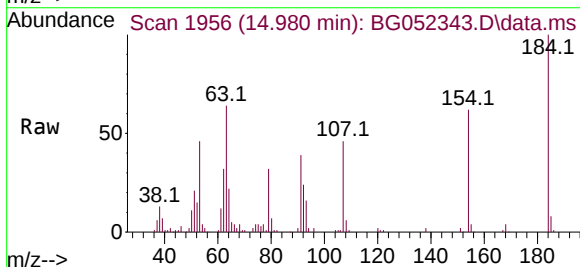
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

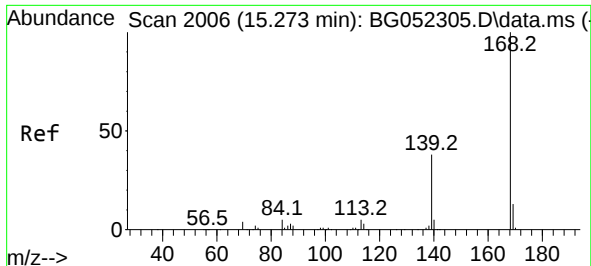
Tgt Ion:138 Resp: 37260
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.8
92 123.8 100.4 150.6



#54
2,4-Dinitrophenol
Concen: 95.667 ng
RT: 14.980 min Scan# 1956
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:184 Resp: 83536
Ion Ratio Lower Upper
184 100
63 63.7 56.0 84.0
154 62.5 50.2 75.2

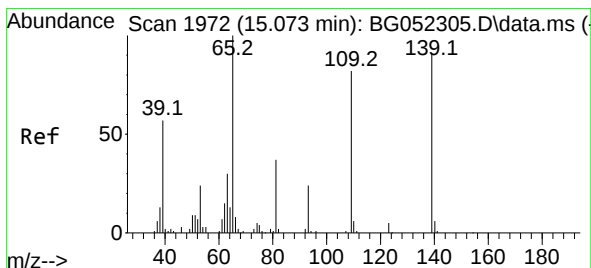
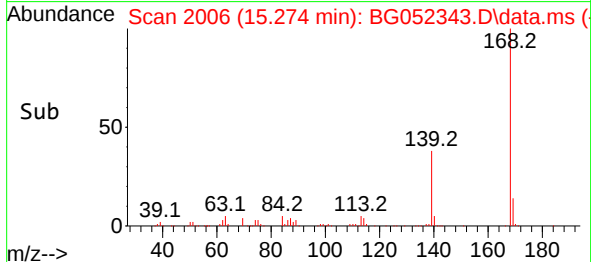
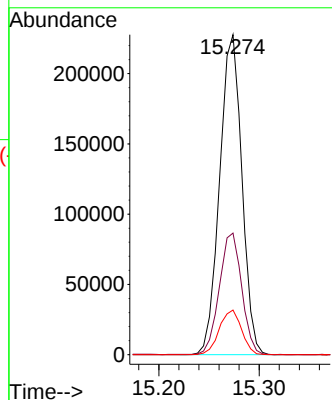
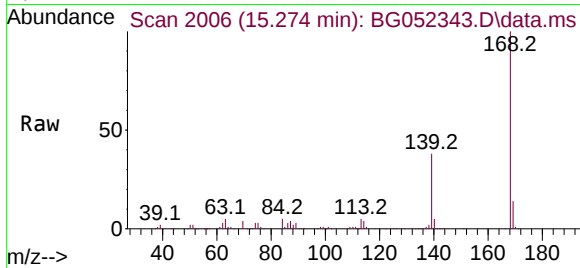




#55
Dibenzofuran
Concen: 43.688 ng
RT: 15.274 min Scan# 20
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

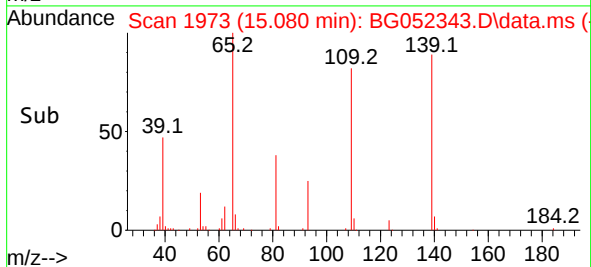
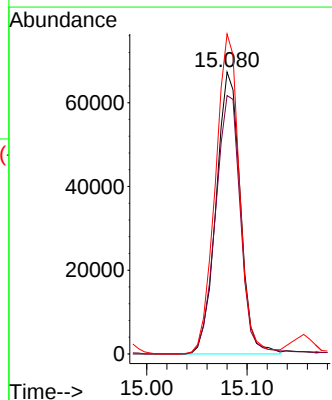
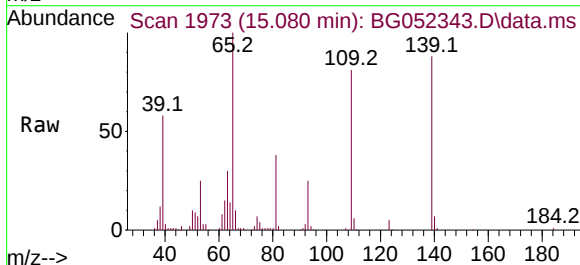
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

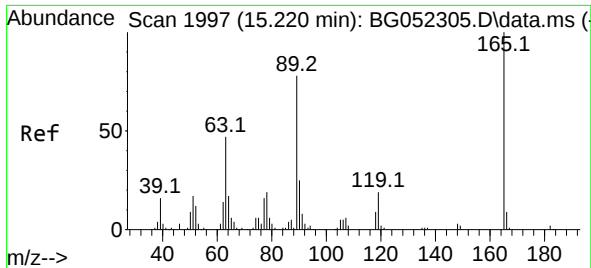
Tgt Ion:168 Resp: 349218
Ion Ratio Lower Upper
168 100
139 38.0 30.7 46.1
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 103.027 ng
RT: 15.080 min Scan# 1973
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:139 Resp: 112197
Ion Ratio Lower Upper
139 100
109 91.7 84.9 124.9
65 113.5 109.9 149.9





#57

2,4-Dinitrotoluene

Concen: 48.114 ng

RT: 15.227 min Scan# 1997

Delta R.T. 0.007 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

Instrument :

BNA_G

ClientSampleId :

SP-3MSD

Tgt Ion:165 Resp: 95538

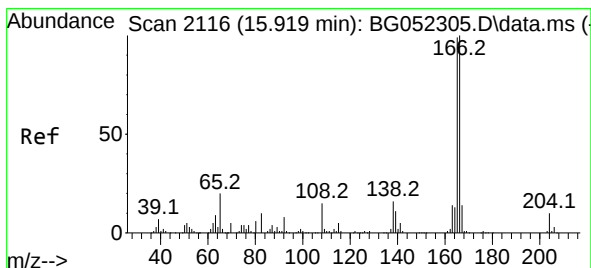
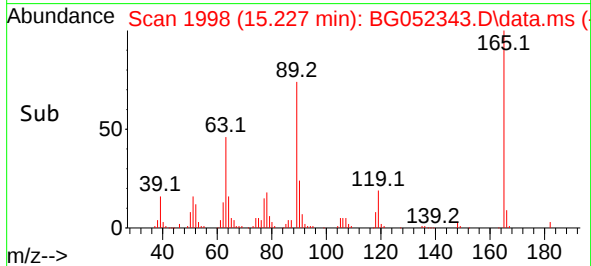
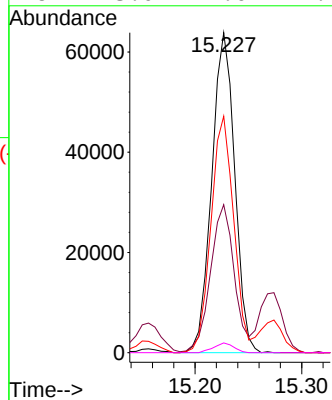
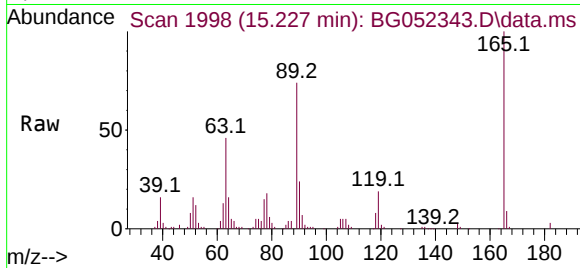
Ion Ratio Lower Upper

165 100

63 46.2 44.6 66.8

89 73.9 67.4 101.0

182 3.0 1.6 2.4#



#58

Fluorene

Concen: 46.476 ng

RT: 15.920 min Scan# 2116

Delta R.T. 0.001 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

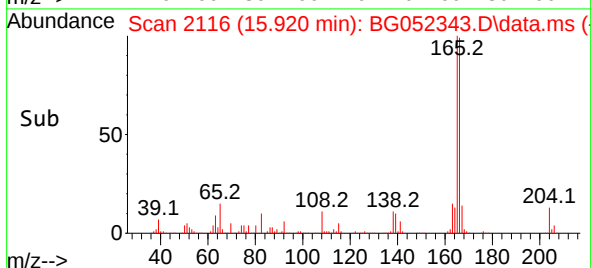
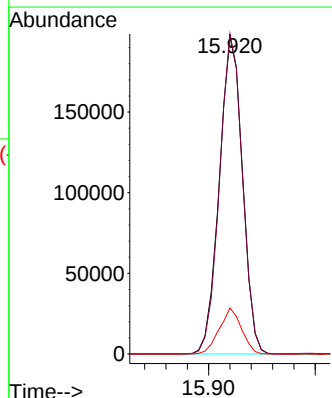
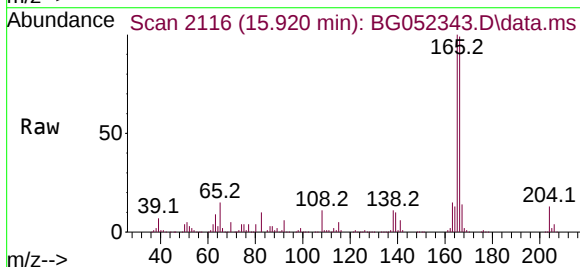
Tgt Ion:166 Resp: 296574

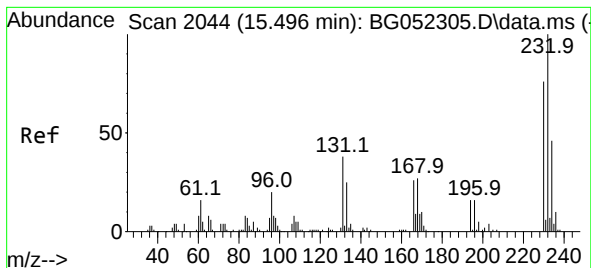
Ion Ratio Lower Upper

166 100

165 100.8 80.0 120.0

167 14.5 11.1 16.7



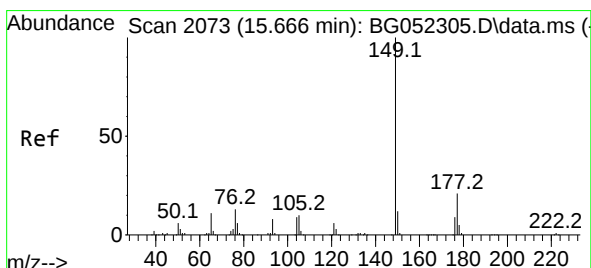
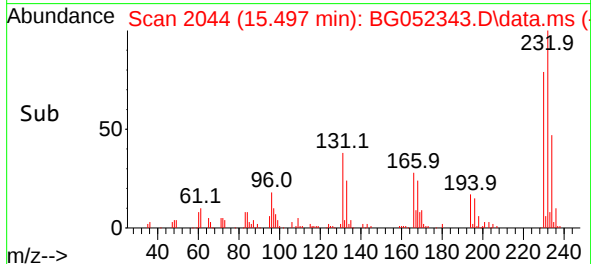
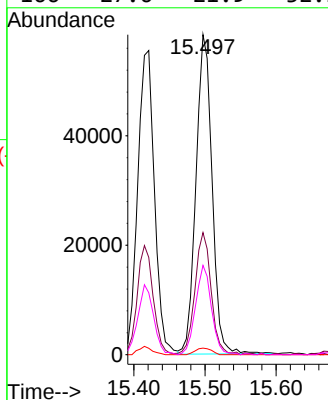
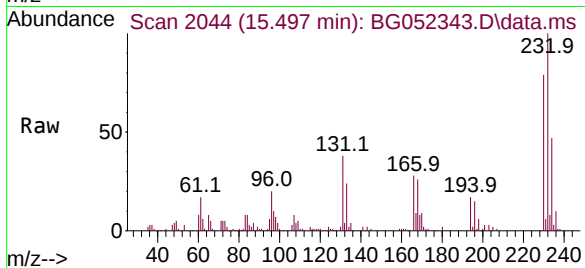


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.143 ng
RT: 15.497 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Instrument :
BNA_G
ClientSampleId :
SP-3MSD

Tgt Ion:232 Resp: 92362

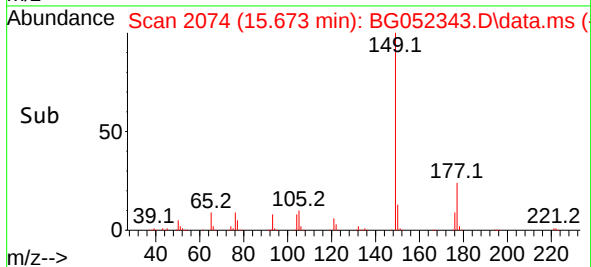
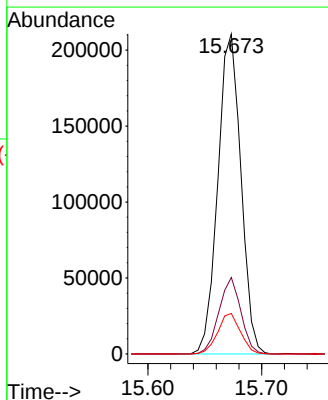
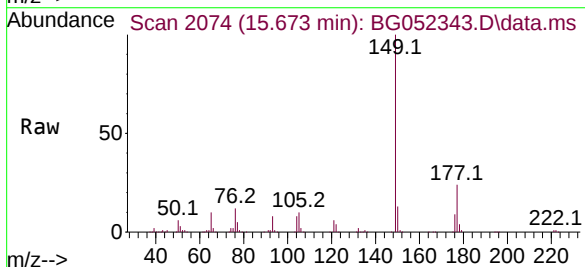
Ion	Ratio	Lower	Upper
232	100		
131	38.4	32.2	48.4
130	2.1	2.2	3.4#
166	27.6	21.9	32.9

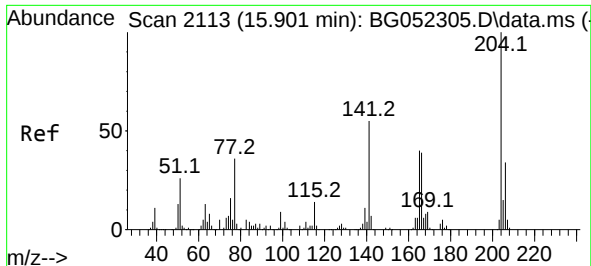


#60
Diethylphthalate
Concen: 45.448 ng
RT: 15.673 min Scan# 2074
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:149 Resp: 296812

Ion	Ratio	Lower	Upper
149	100		
177	23.9	17.8	26.6
150	12.7	9.2	13.8

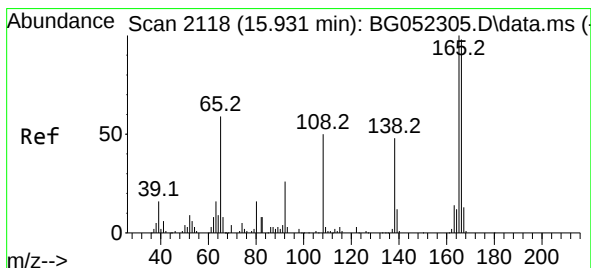
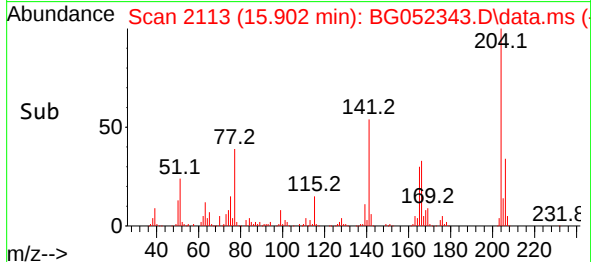
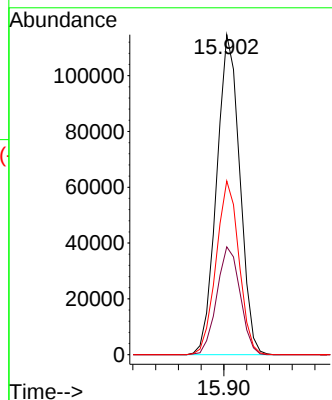
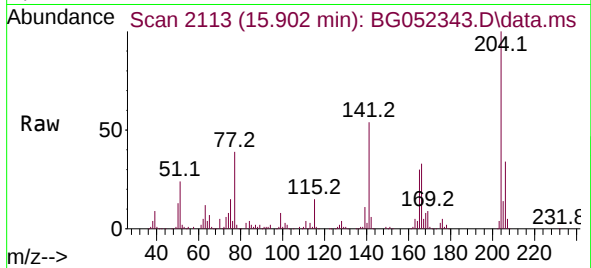




#61
4-Chlorophenyl-phenylether
Concen: 44.546 ng
RT: 15.902 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

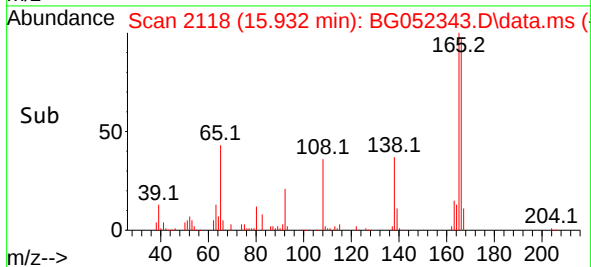
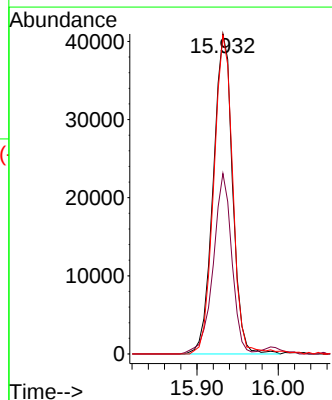
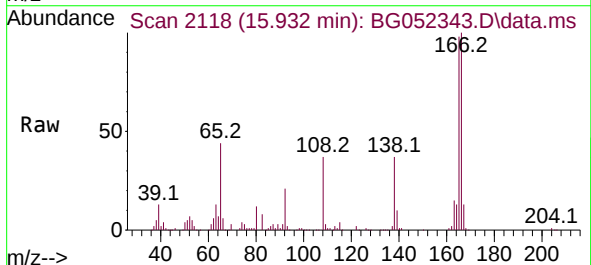
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

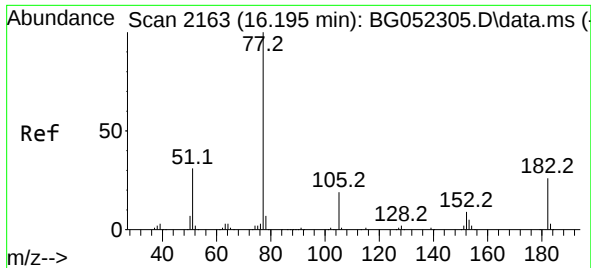
Tgt Ion:204 Resp: 161926
Ion Ratio Lower Upper
204 100
206 33.7 28.4 42.6
141 54.3 41.8 62.6



#62
4-Nitroaniline
Concen: 44.346 ng
RT: 15.932 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:138 Resp: 67699
Ion Ratio Lower Upper
138 100
92 56.4 35.5 75.5
108 99.6 96.4 136.4

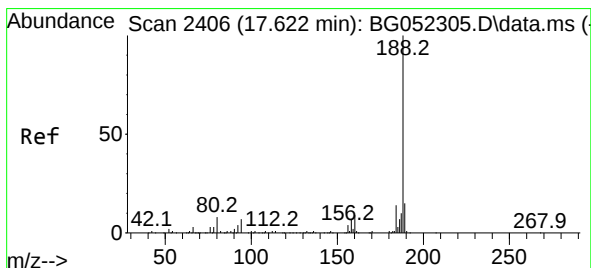
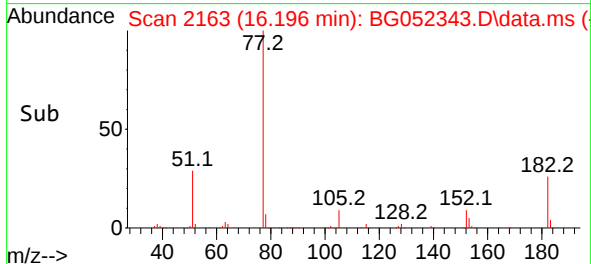
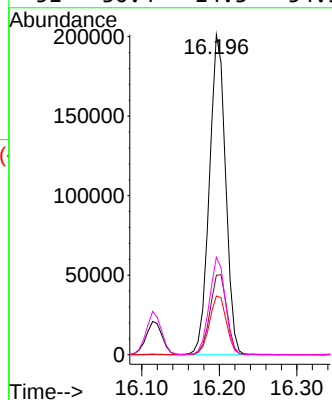
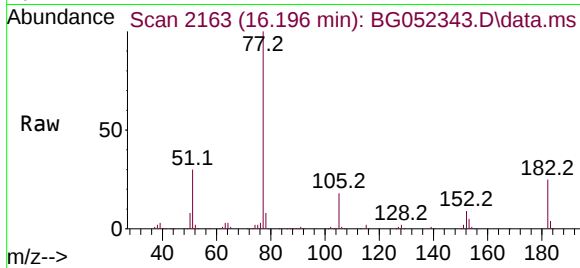




#63
 Azobenzene
 Concen: 43.671 ng
 RT: 16.196 min Scan# 2163
 Delta R.T. 0.001 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

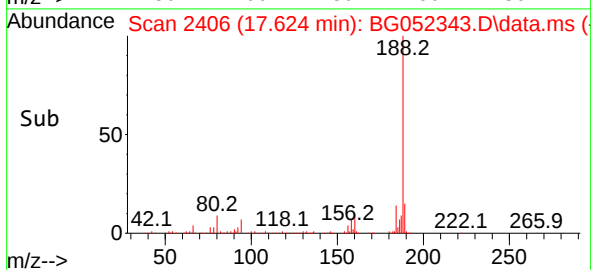
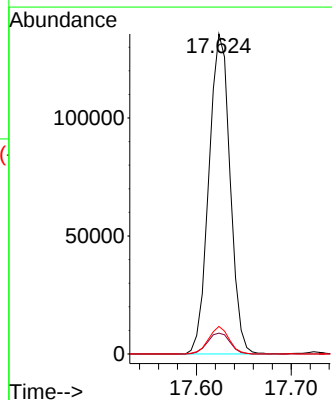
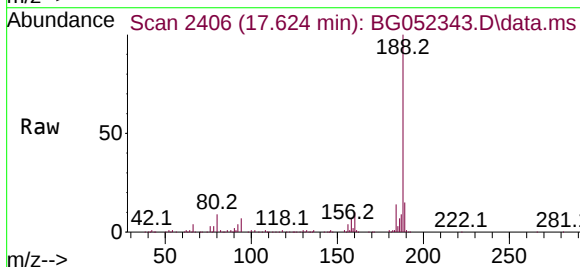
Instrument :
 BNA_G
 ClientSampleId :
 SP-3MSD

Tgt Ion:	77	Resp:	291971
Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.1	44.1
105	18.4	0.0	37.5
51	30.4	14.3	54.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.624 min Scan# 2406
 Delta R.T. 0.001 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

Tgt Ion:	188	Resp:	210453
Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.9	8.9
80	8.6	6.6	10.0

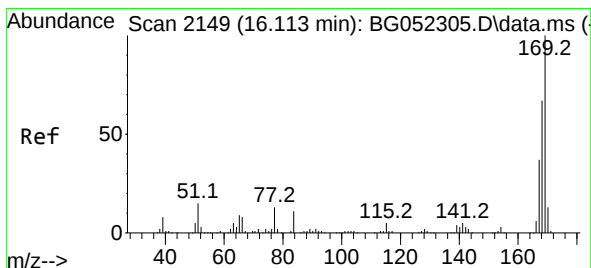
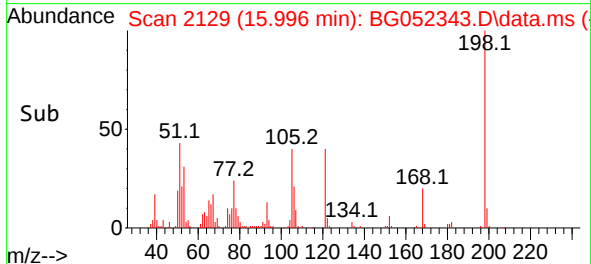
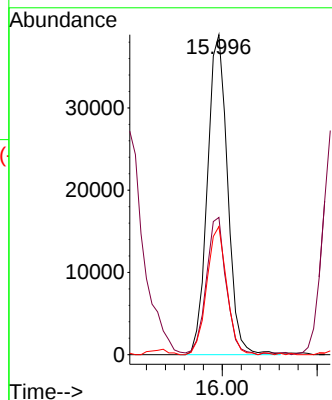
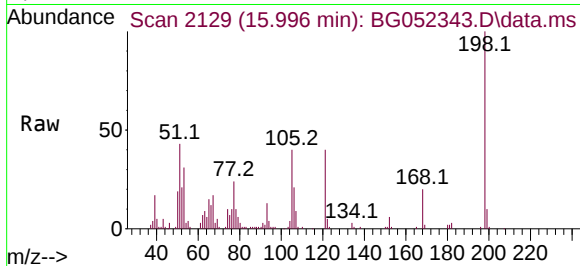




#65
4,6-Dinitro-2-methylphenol
Concen: 45.387 ng
RT: 15.996 min Scan# 2128
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

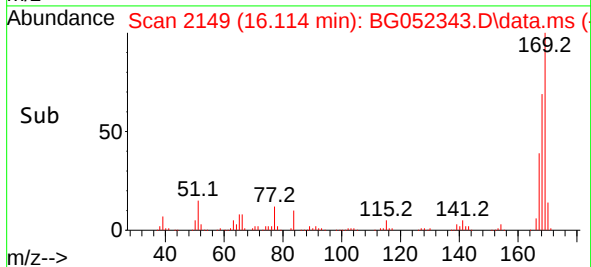
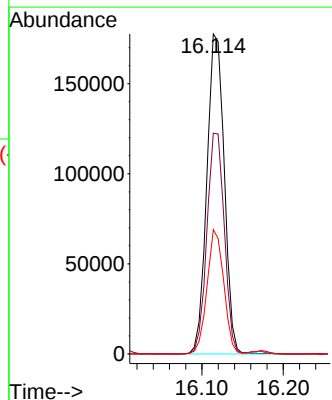
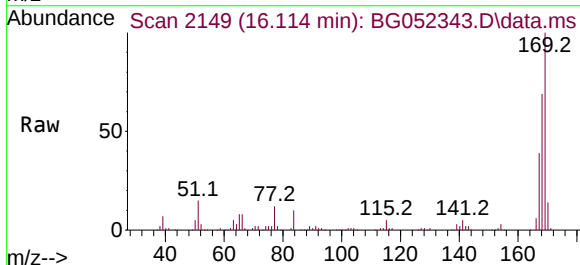
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

Tgt Ion:198 Resp: 57460
Ion Ratio Lower Upper
198 100
51 42.9 31.6 71.6
105 40.1 22.3 62.3



#66
n-Nitrosodiphenylamine
Concen: 45.564 ng
RT: 16.114 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:169 Resp: 264203
Ion Ratio Lower Upper
169 100
168 69.0 57.4 86.0
167 38.9 29.5 44.3

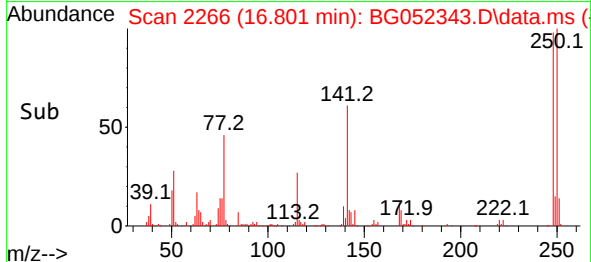
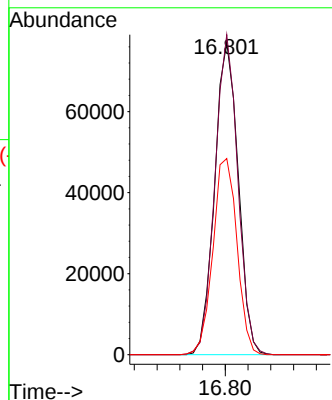
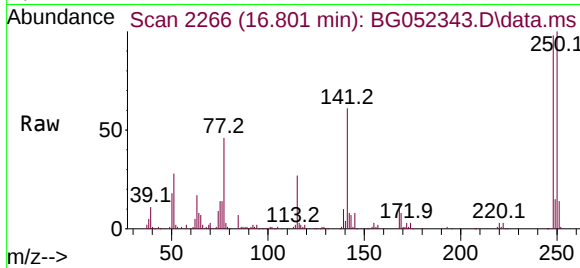




#67
4-Bromophenyl-phenylether
Concen: 43.402 ng
RT: 16.801 min Scan# 2110
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

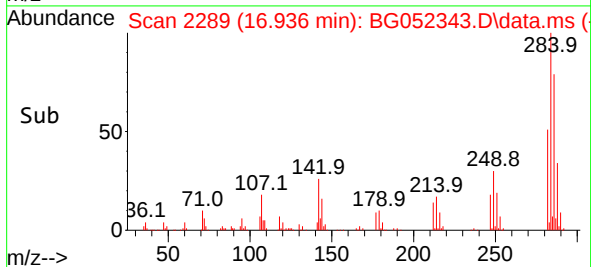
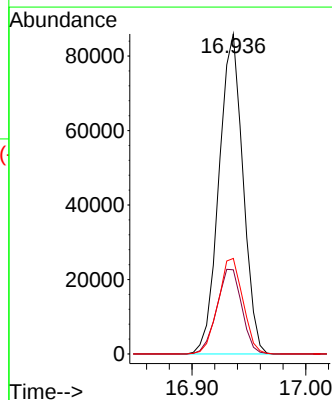
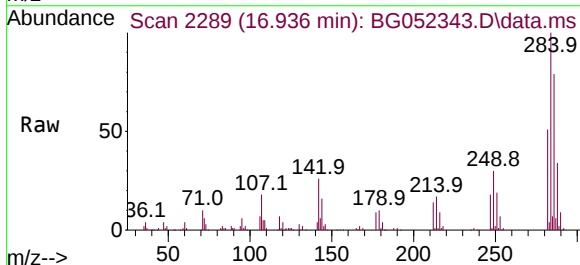
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

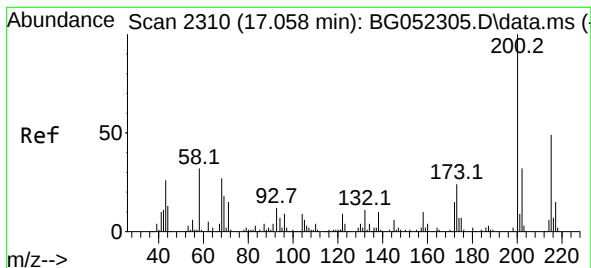
Tgt Ion:248 Resp: 111081
Ion Ratio Lower Upper
248 100
250 102.5 79.6 119.4
141 62.8 54.6 81.8



#68
Hexachlorobenzene
Concen: 45.362 ng
RT: 16.936 min Scan# 2289
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:284 Resp: 125919
Ion Ratio Lower Upper
284 100
142 26.3 26.2 39.2
249 29.8 26.9 40.3





#69

Atrazine

Concen: 48.279 ng

RT: 17.060 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

Instrument :

BNA_G

ClientSampleId :

SP-3MSD

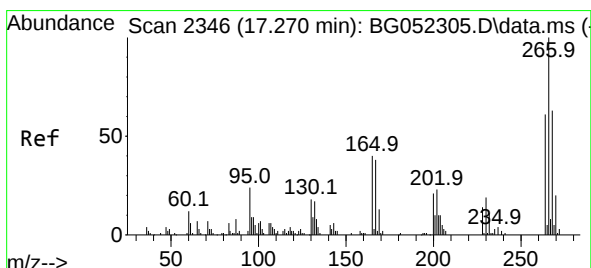
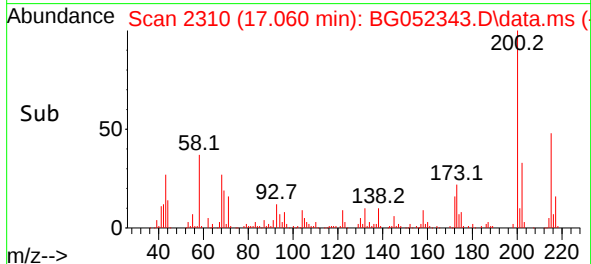
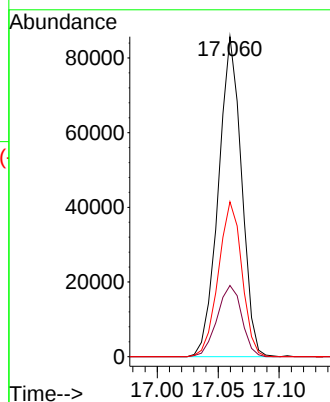
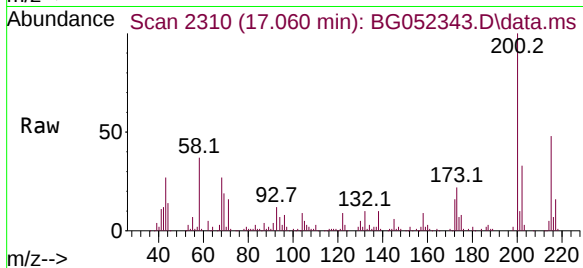
Tgt Ion:200 Resp: 113179

Ion Ratio Lower Upper

200 100

173 22.3 3.3 43.3

215 48.4 24.4 64.4



#70

Pentachlorophenol

Concen: 105.756 ng

RT: 17.277 min Scan# 2347

Delta R.T. 0.007 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

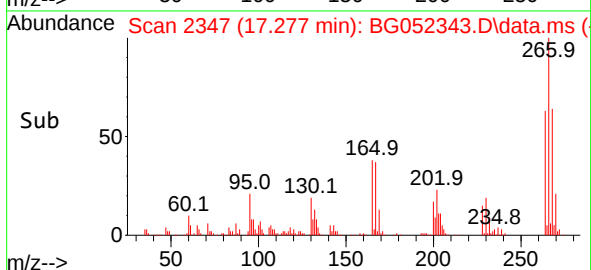
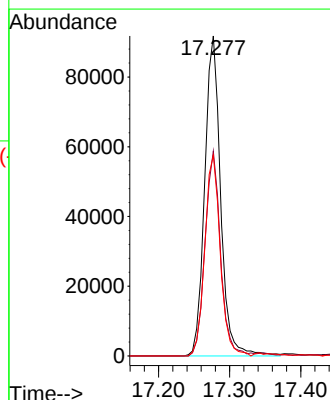
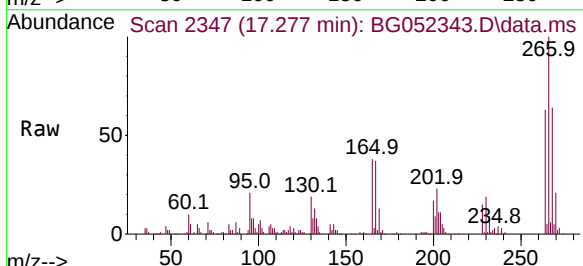
Tgt Ion:266 Resp: 143618

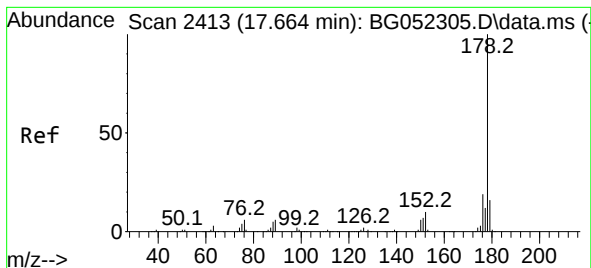
Ion Ratio Lower Upper

266 100

268 64.0 50.6 75.8

264 62.7 52.2 78.2





#71

Phenanthrene

Concen: 45.001 ng

RT: 17.671 min Scan# 2414

Delta R.T. 0.007 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

Instrument :

BNA_G

ClientSampleId :

SP-3MSD

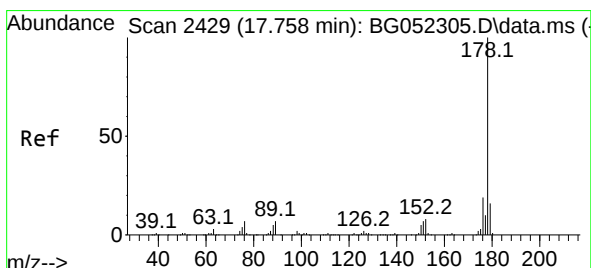
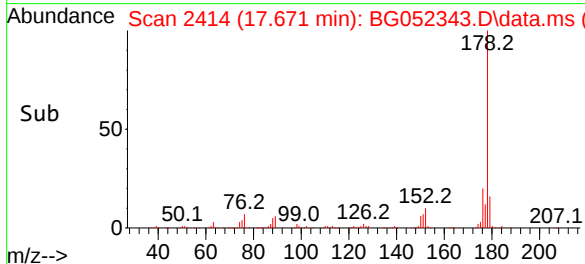
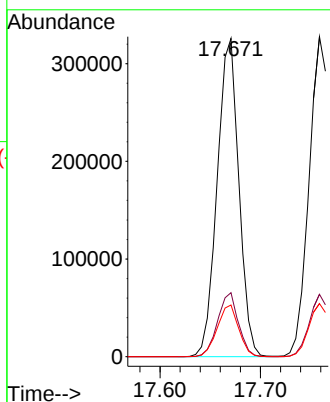
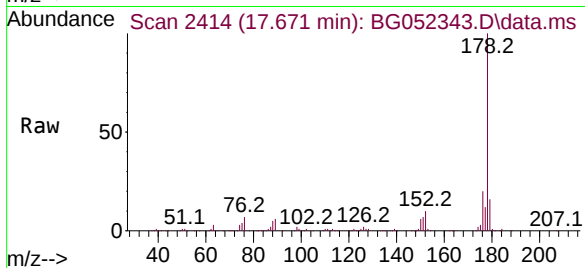
Tgt Ion:178 Resp: 488221

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

179 16.2 12.6 18.8



#72

Anthracene

Concen: 46.052 ng

RT: 17.759 min Scan# 2429

Delta R.T. 0.001 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

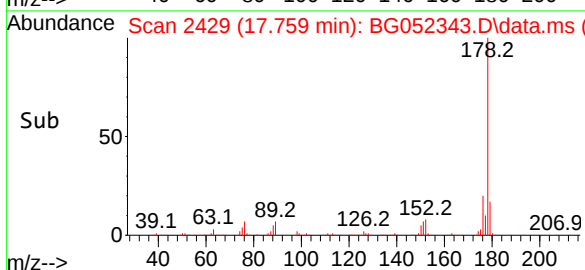
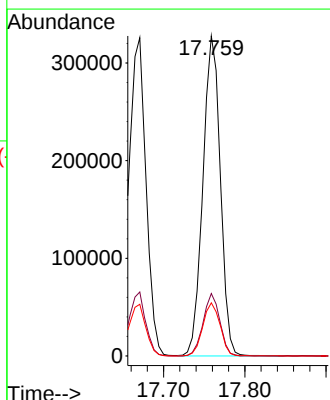
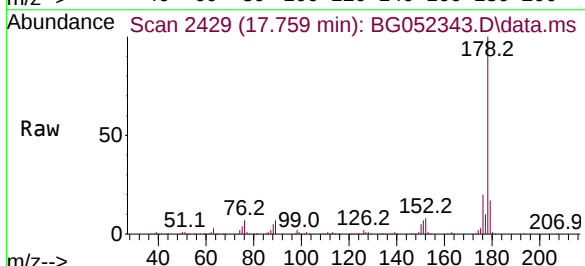
Tgt Ion:178 Resp: 489592

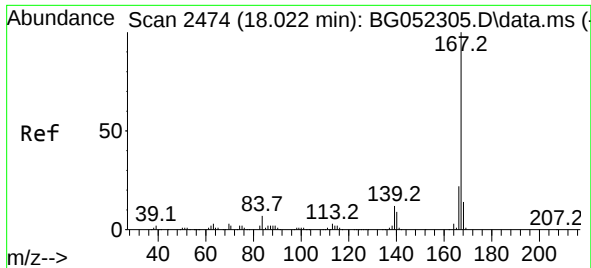
Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 16.6 13.1 19.7

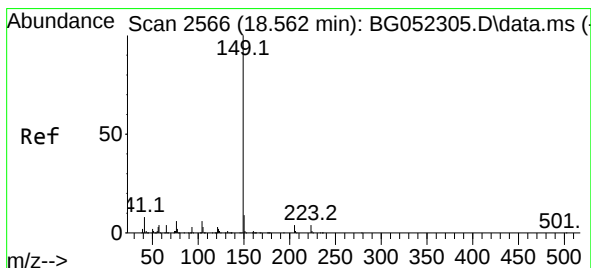
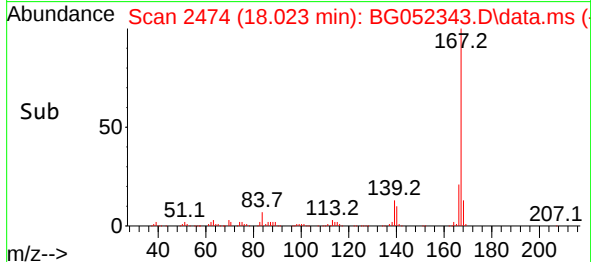
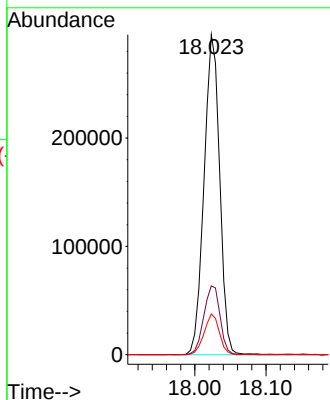
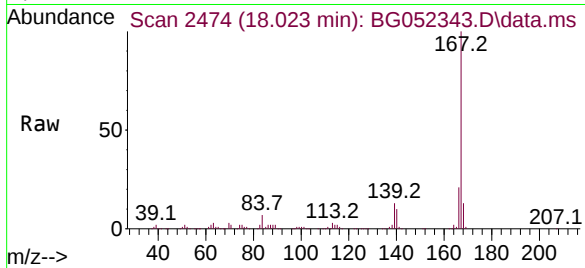




#73
 Carbazole
 Concen: 43.708 ng
 RT: 18.023 min Scan# 2474
 Delta R.T. 0.001 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

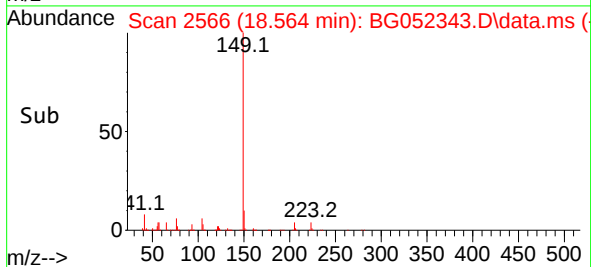
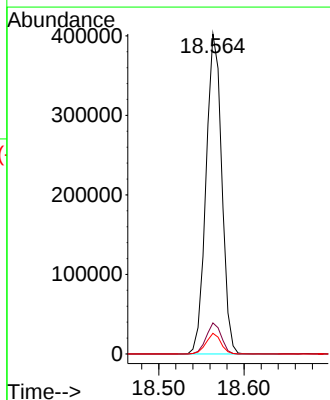
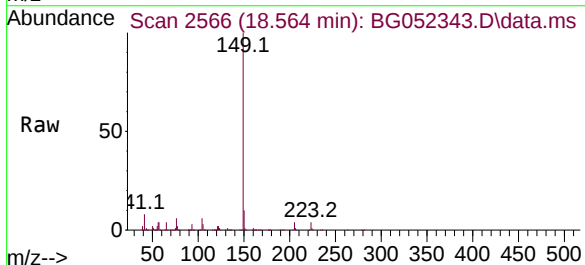
Instrument :
 BNA_G
 ClientSampleId :
 SP-3MSD

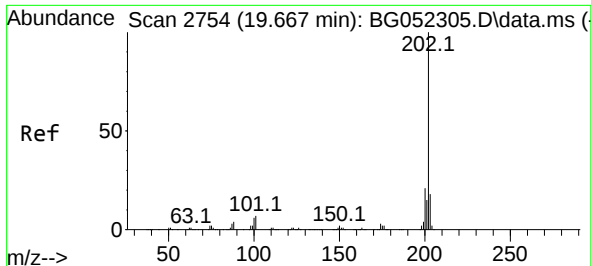
Tgt Ion:167 Resp: 453204
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 12.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 45.603 ng
 RT: 18.564 min Scan# 2566
 Delta R.T. 0.001 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

Tgt Ion:149 Resp: 515193
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.0
 104 6.5 5.4 8.2

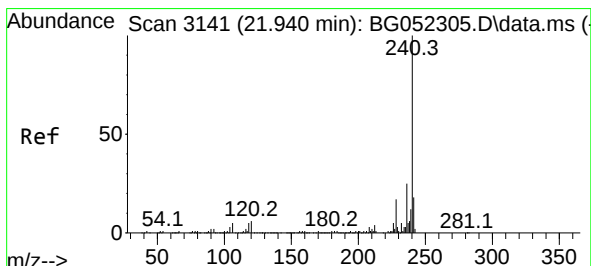
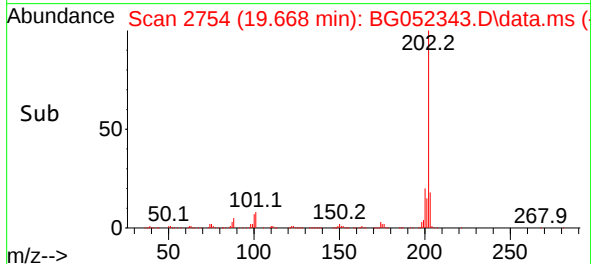
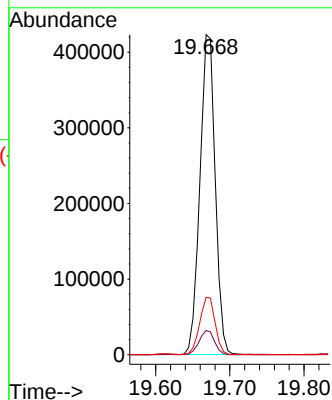
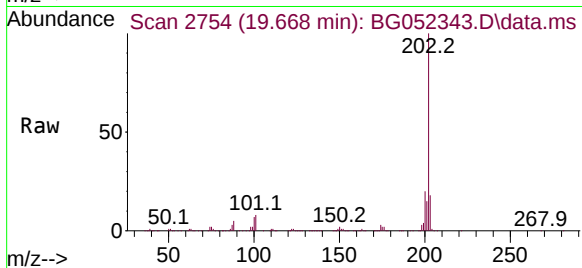




#75
Fluoranthene
Concen: 44.012 ng
RT: 19.668 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

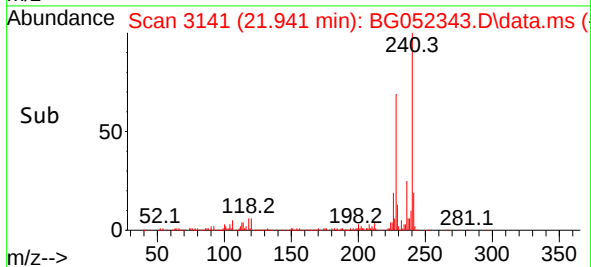
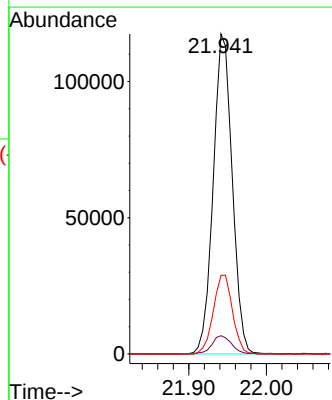
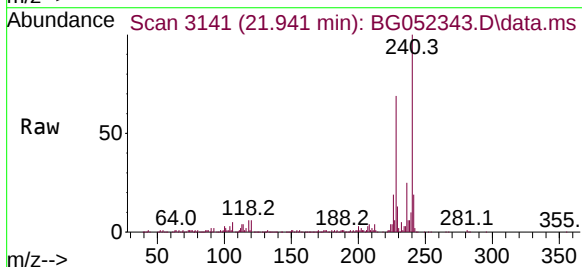
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

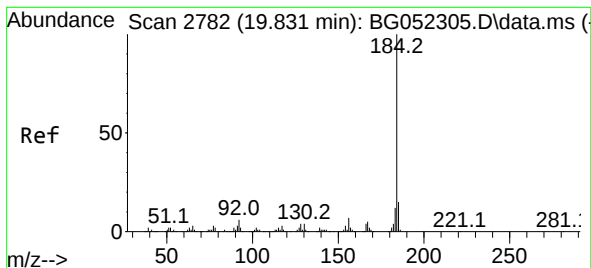
Tgt Ion:202 Resp: 608001
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.1
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.941 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:240 Resp: 199794
Ion Ratio Lower Upper
240 100
120 5.7 4.4 6.6
236 24.5 20.8 31.2





#77

Benzidine

Concen: 51.814 ng

RT: 19.838 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

Instrument :

BNA_G

ClientSampleId :

SP-3MSD

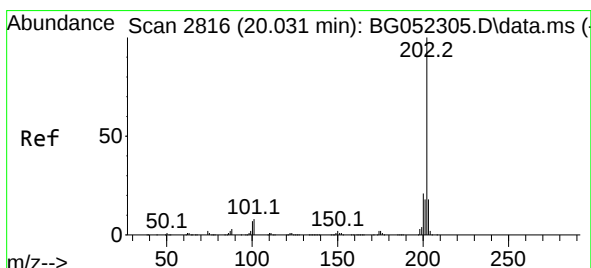
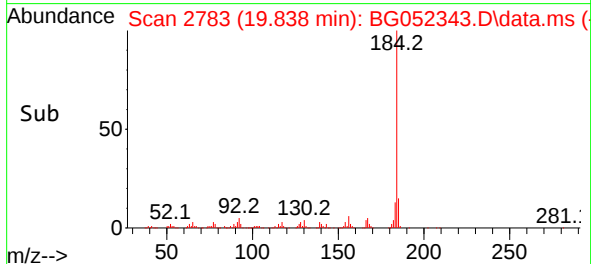
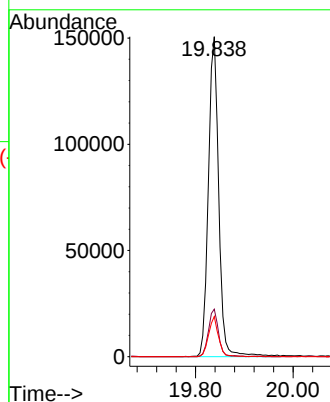
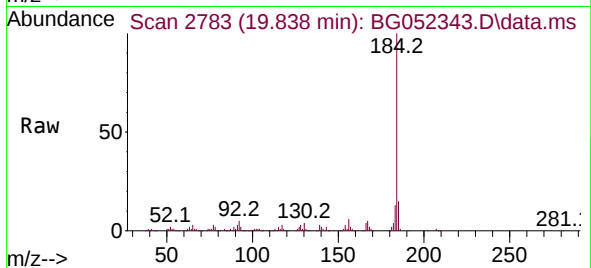
Tgt Ion:184 Resp: 221201

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.8

183 12.6 9.8 14.6



#78

Pyrene

Concen: 46.067 ng

RT: 20.032 min Scan# 2816

Delta R.T. 0.001 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

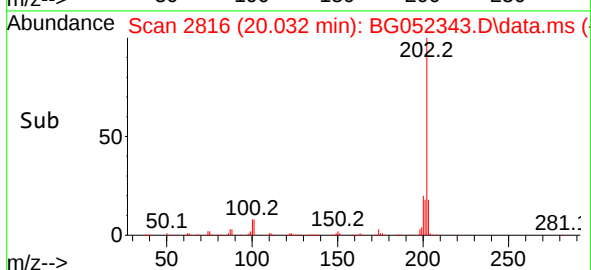
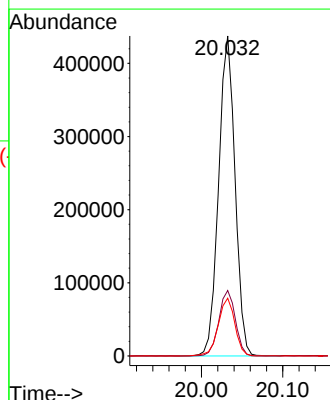
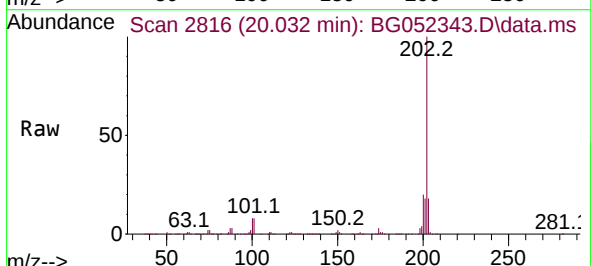
Tgt Ion:202 Resp: 615870

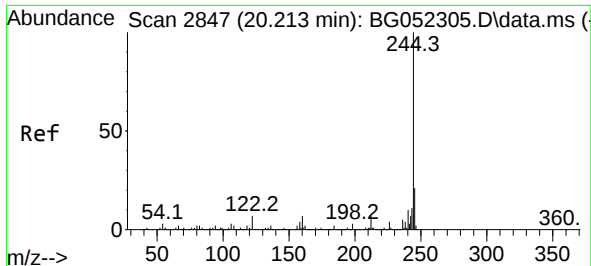
Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

203 18.1 14.5 21.7

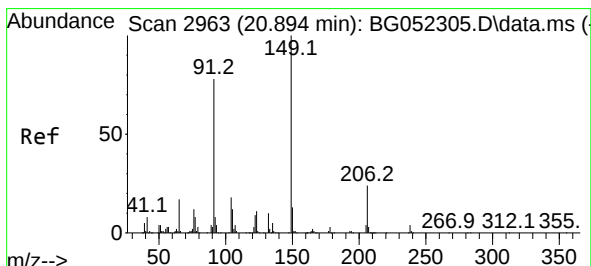
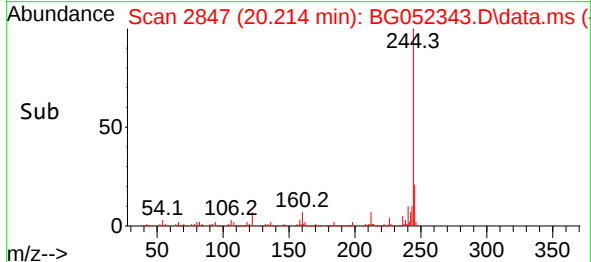
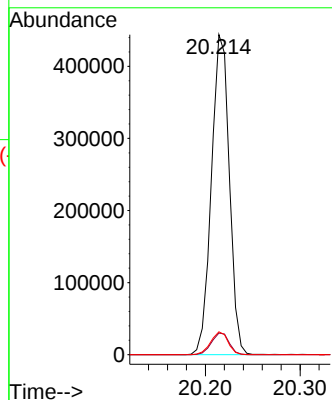
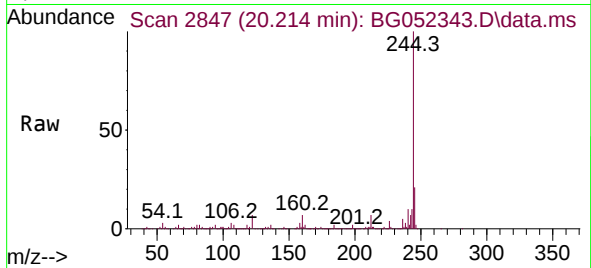




#79
 Terphenyl-d14
 Concen: 51.529 ng
 RT: 20.214 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

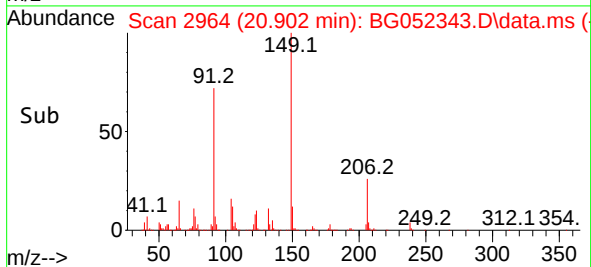
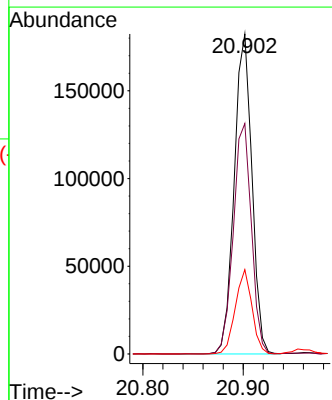
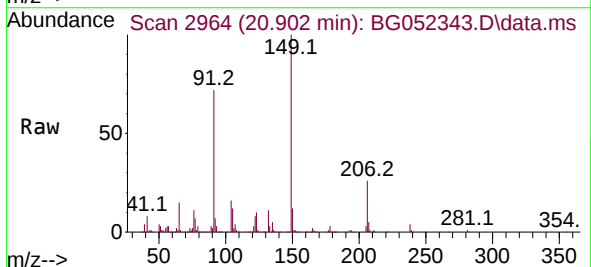
Instrument :
 BNA_G
 ClientSampleId :
 SP-3MSD

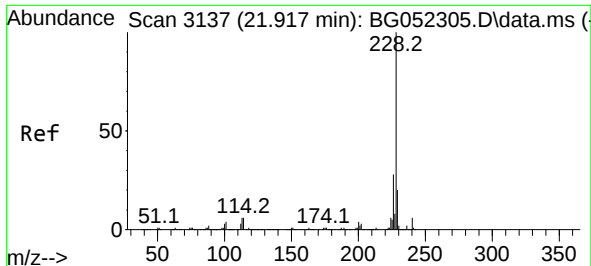
Tgt Ion:244 Resp: 583006
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 7.2 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 48.108 ng
 RT: 20.902 min Scan# 2964
 Delta R.T. 0.007 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

Tgt Ion:149 Resp: 223407
 Ion Ratio Lower Upper
 149 100
 91 72.0 64.0 96.0
 206 26.4 19.3 28.9

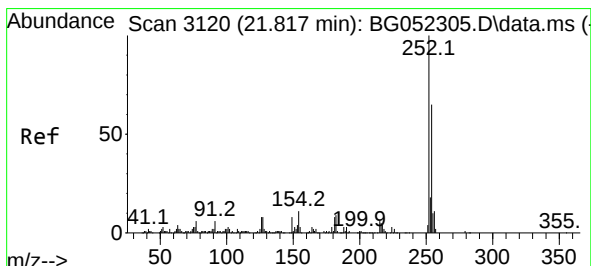
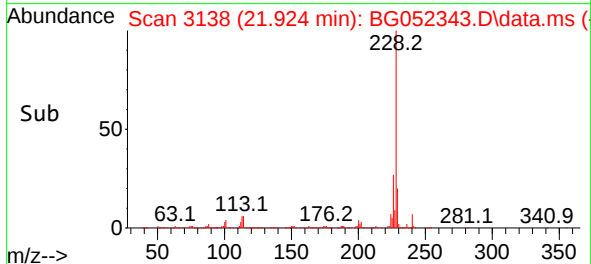
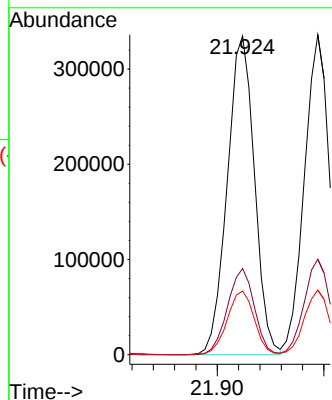
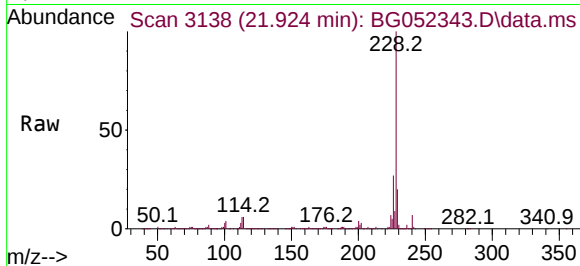




#81
Benzo(a)anthracene
Concen: 44.885 ng
RT: 21.924 min Scan# 3138
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

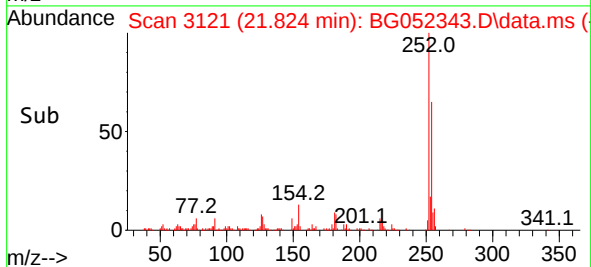
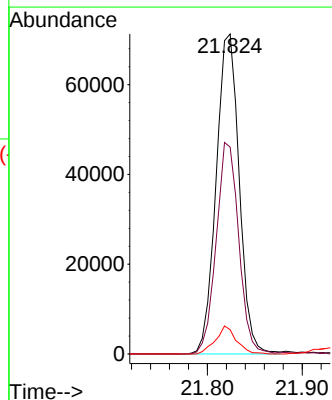
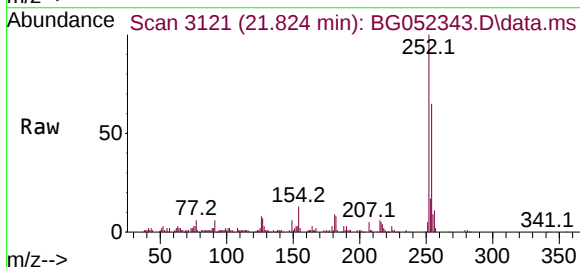
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

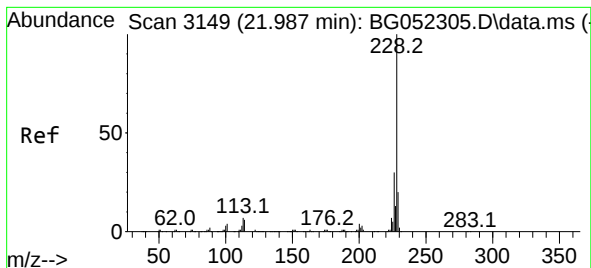
Tgt Ion:228 Resp: 593431
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 26.142 ng
RT: 21.824 min Scan# 3121
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:252 Resp: 120661
Ion Ratio Lower Upper
252 100
254 64.6 52.6 79.0
126 7.6 6.4 9.6





#83

Chrysene

Concen: 43.961 ng

RT: 21.994 min Scan# 3115

Delta R.T. 0.007 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

Instrument :

BNA_G

ClientSampleId :

SP-3MSD

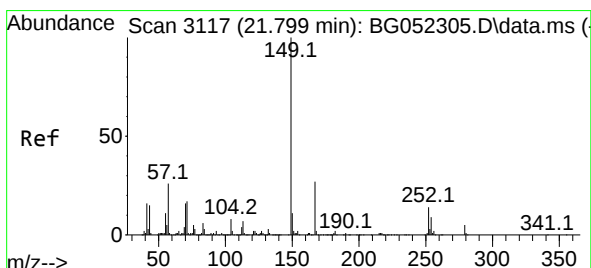
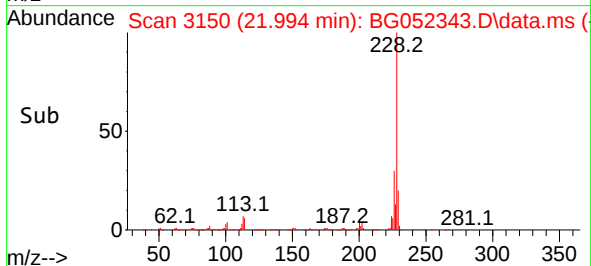
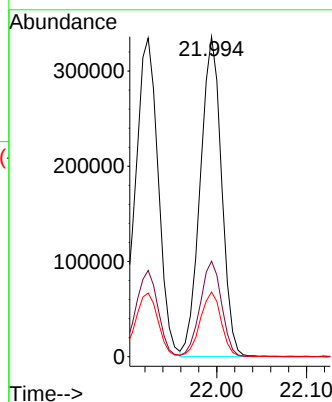
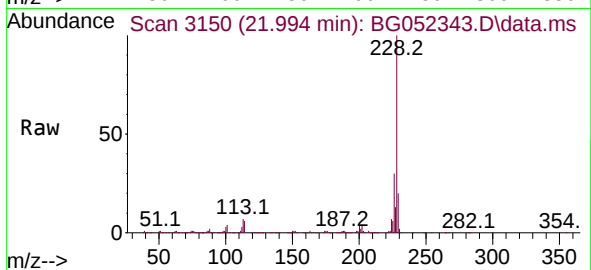
Tgt Ion:228 Resp: 550759

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 20.2 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.549 ng

RT: 21.800 min Scan# 3117

Delta R.T. 0.001 min

Lab File: BG052343.D

Acq: 9 Feb 2022 20:16

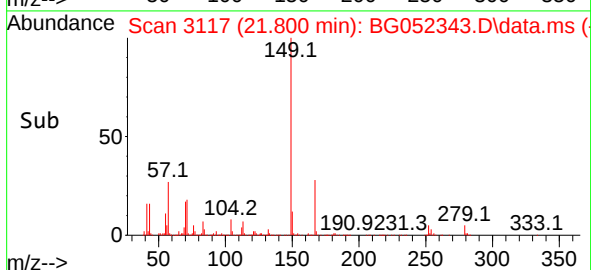
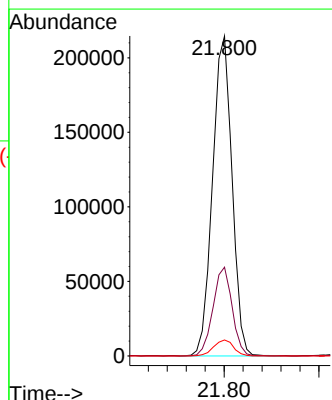
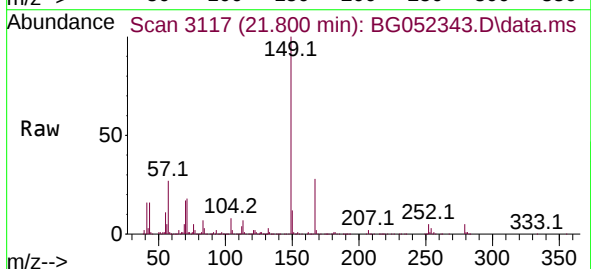
Tgt Ion:149 Resp: 306179

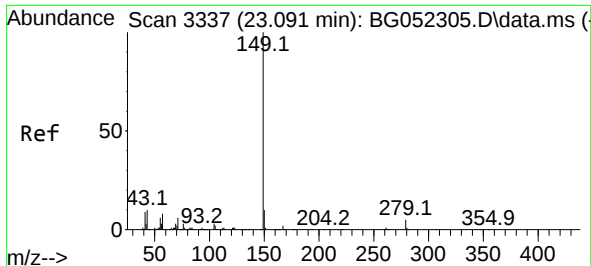
Ion Ratio Lower Upper

149 100

167 27.7 21.4 32.0

279 5.0 4.2 6.2

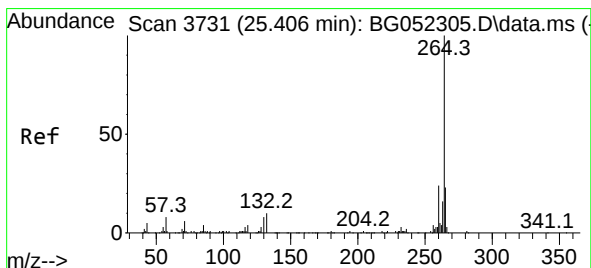
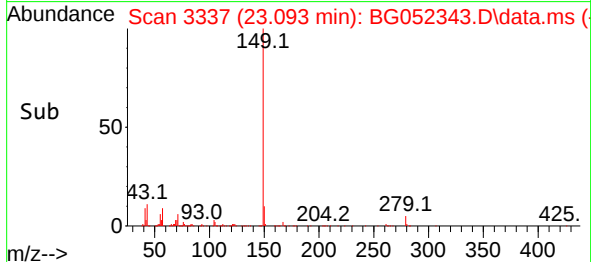
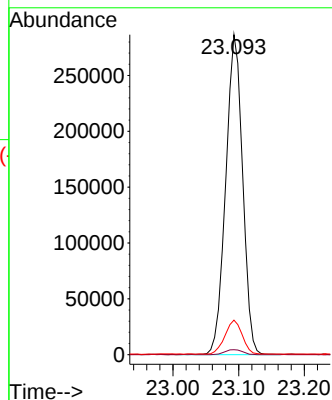
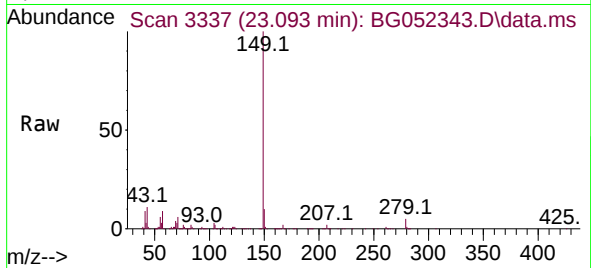




#85
Di-n-octyl phthalate
Concen: 47.358 ng
RT: 23.093 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

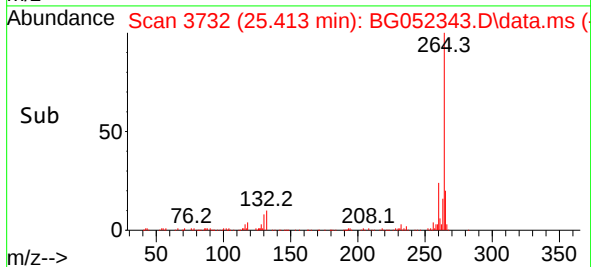
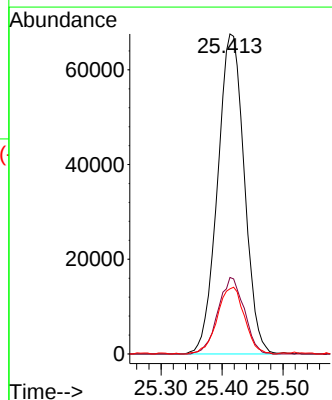
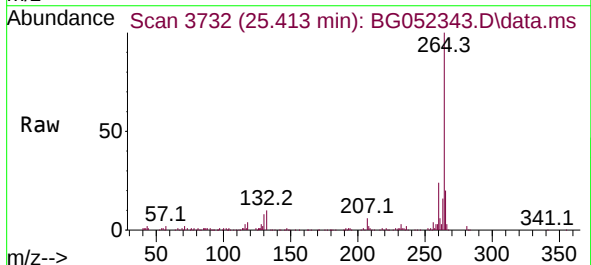
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

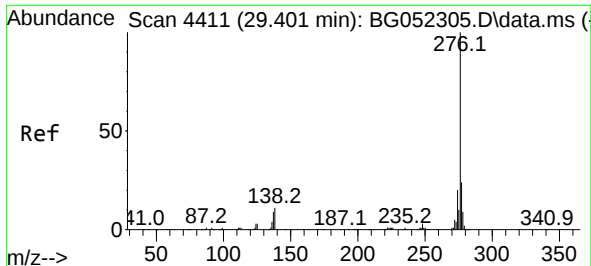
Tgt Ion:149 Resp: 511276
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.9 10.0 15.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.413 min Scan# 3732
Delta R.T. 0.007 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:264 Resp: 205605
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 20.4 17.8 26.6

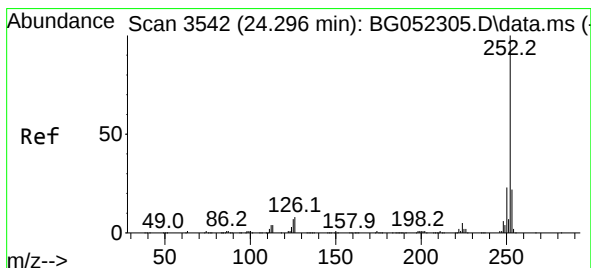
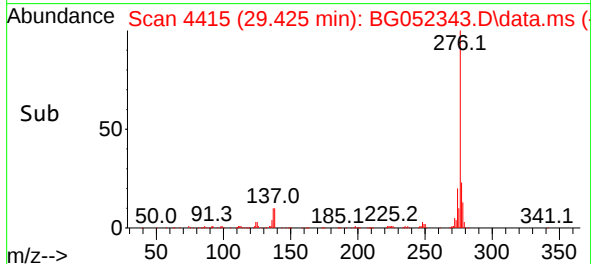
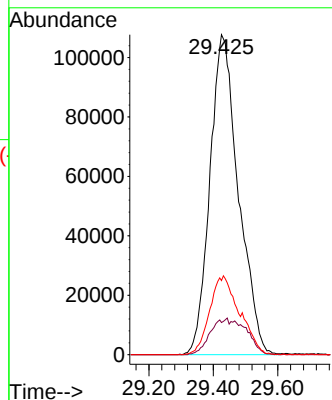
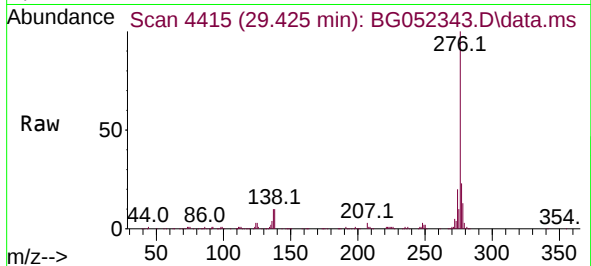




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.053 ng
RT: 29.425 min Scan# 4415
Delta R.T. 0.025 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

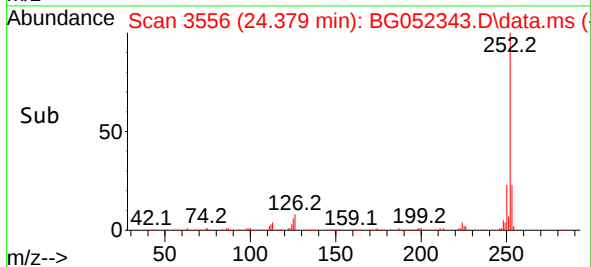
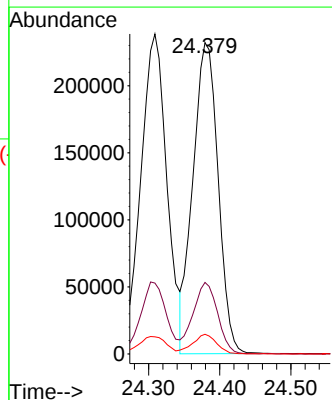
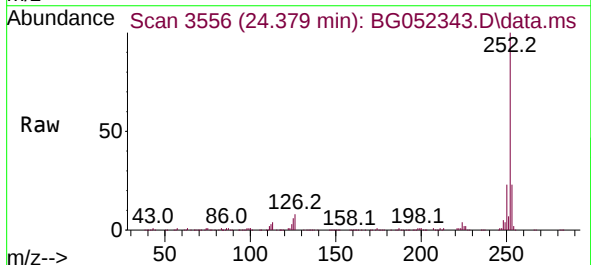
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

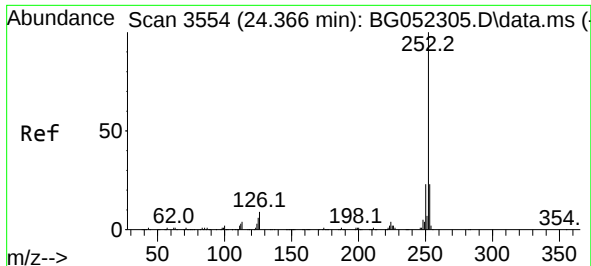
Tgt Ion:276 Resp: 662805
Ion Ratio Lower Upper
276 100
138 5.0 6.1 9.1#
277 25.9 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 44.648 ng
RT: 24.379 min Scan# 3556
Delta R.T. 0.083 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:252 Resp: 572044
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 6.3 5.4 8.2

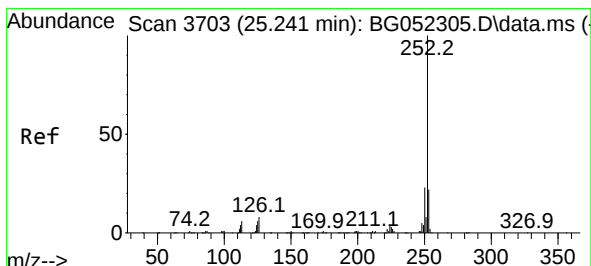
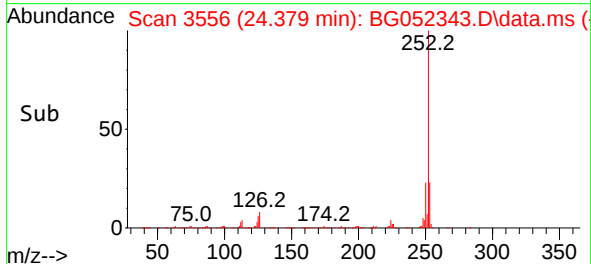
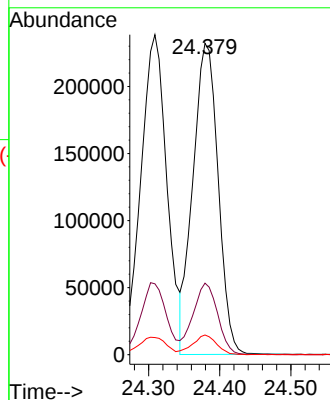
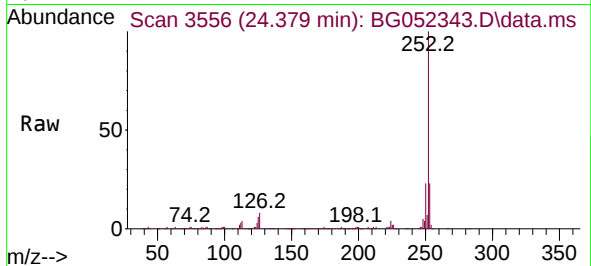




#89
Benzo(k)fluoranthene
Concen: 45.196 ng
RT: 24.379 min Scan# 31
Delta R.T. 0.013 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

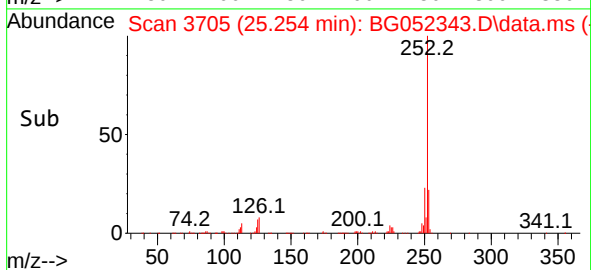
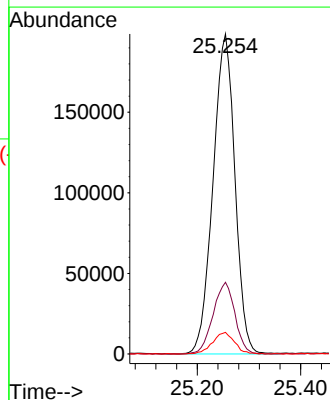
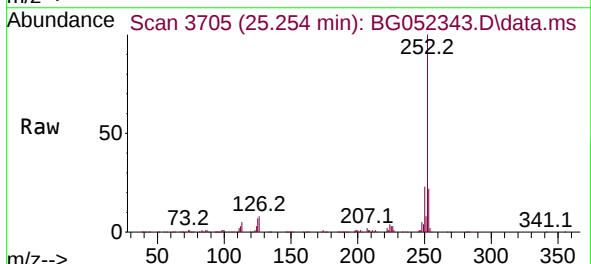
Instrument :
BNA_G
ClientSampleId :
SP-3MSD

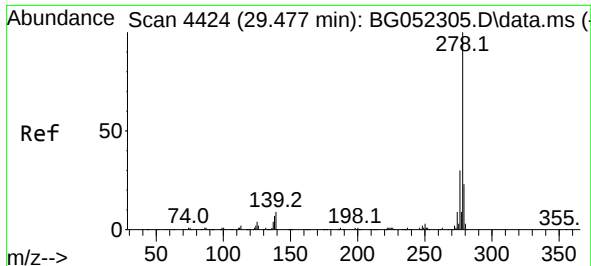
Tgt Ion:252 Resp: 572044
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 6.3 4.6 7.0



#90
Benzo(a)pyrene
Concen: 53.946 ng
RT: 25.254 min Scan# 3705
Delta R.T. 0.013 min
Lab File: BG052343.D
Acq: 9 Feb 2022 20:16

Tgt Ion:252 Resp: 583861
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 6.8 5.0 7.6

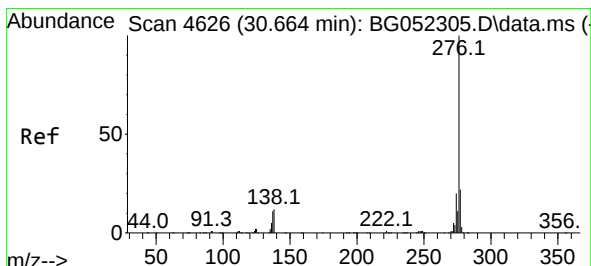
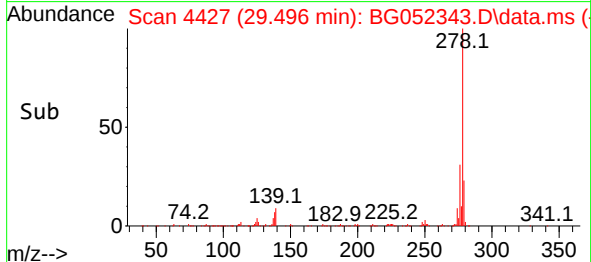
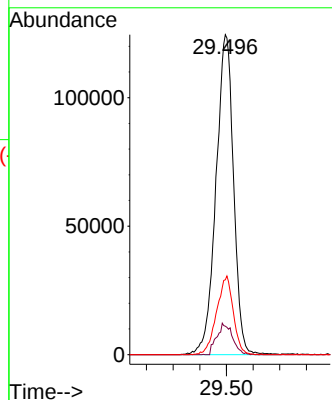
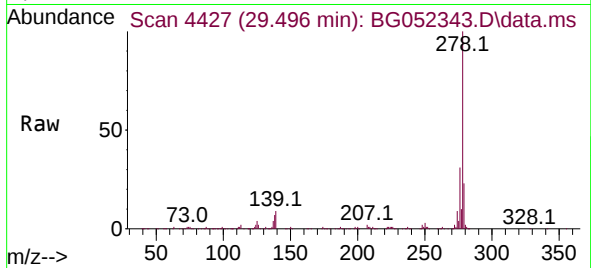




#91
 Dibenzo(a,h)anthracene
 Concen: 45.853 ng
 RT: 29.496 min Scan# 4427
 Delta R.T. 0.019 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

Instrument :
 BNA_G
 ClientSampleId :
 SP-3MSD

Tgt Ion:278 Resp: 569913
 Ion Ratio Lower Upper
 278 100
 139 8.9 6.4 9.6
 279 23.4 20.1 30.1



#92
 Benzo(g,h,i)perylene
 Concen: 46.213 ng
 RT: 30.688 min Scan# 4630
 Delta R.T. 0.025 min
 Lab File: BG052343.D
 Acq: 9 Feb 2022 20:16

Tgt Ion:276 Resp: 563691
 Ion Ratio Lower Upper
 276 100
 277 24.9 18.2 27.2
 138 11.4 9.1 13.7

