

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055539.D
 Acq On : 10 Nov 2022 14:29
 Operator : CG/JU
 Sample : N5474-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5592-4

Quant Time: Nov 11 02:00:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

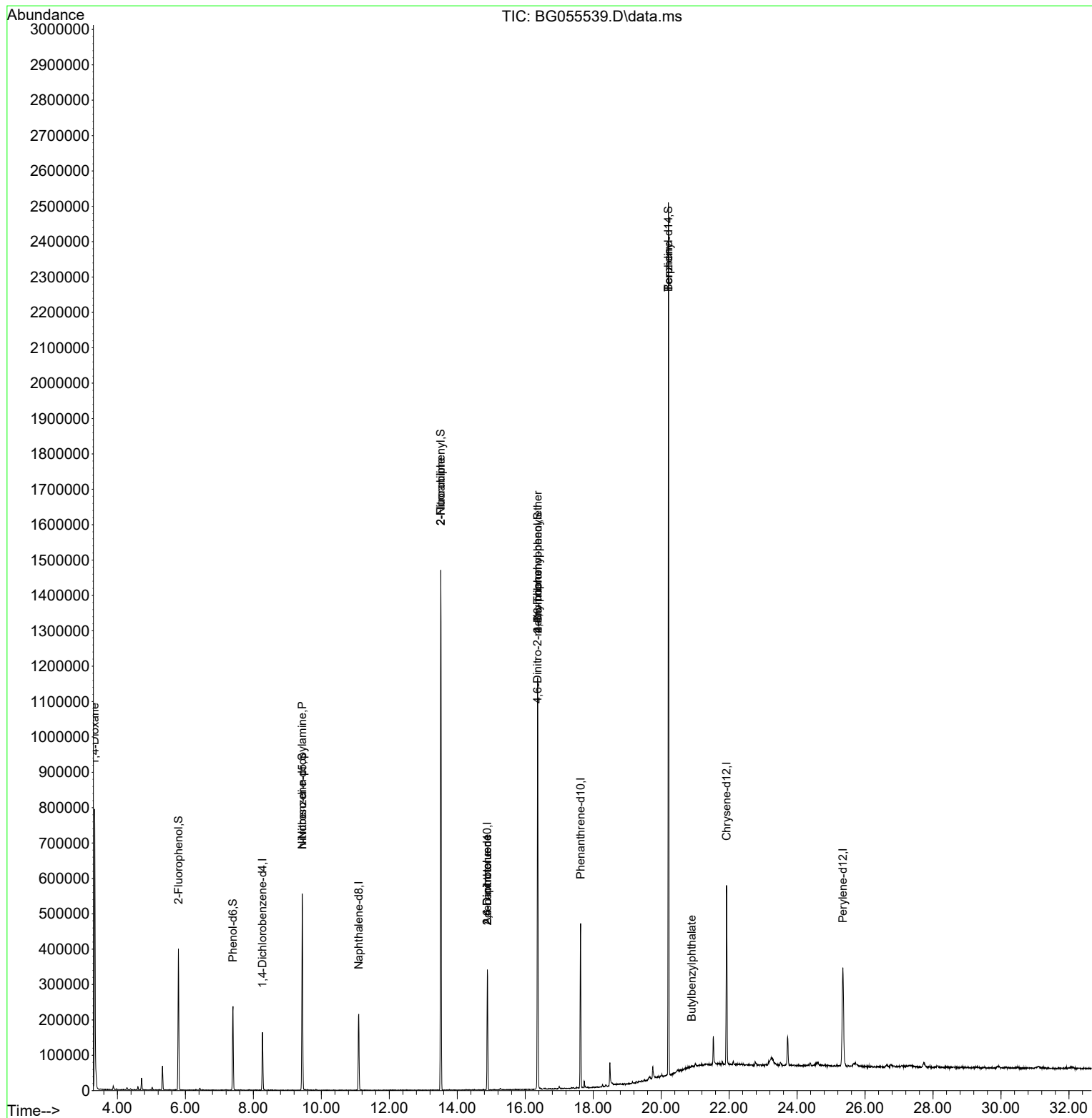
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	45746	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	179850	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	122740	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	294909	20.000	ng	0.00
76) Chrysene-d12	21.924	240	318336	20.000	ng	# 0.00
86) Perylene-d12	25.350	264	316354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	168248	70.053	ng	0.00
7) Phenol-d6	7.400	99	128211	38.646	ng	0.00
23) Nitrobenzene-d5	9.439	82	314369	118.497	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	216712	180.958	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	735177	90.349	ng	0.00
79) Terphenyl-d14	20.215	244	1214593	76.635	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	6720	5.509	ng	# 1
19) n-Nitroso-di-n-propyla...	9.439	70	43128	15.730	ng	# 80
48) 2-Nitroaniline	13.517	65	1226	4.419	ng	# 1
51) 2,6-Dinitrotoluene	14.886	165	16108	12.332	ng	# 22
57) 2,4-Dinitrotoluene	14.886	165	16108	10.500	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.360	198	1092	3.432	ng	# 1
67) 4-Bromophenyl-phenylether	16.366	248	14555	4.838	ng	# 1
77) Benzidine	20.215	184	19989	2.321	ng	# 92
80) Butylbenzylphthalate	20.902	149	722	3.446	ng	# 84

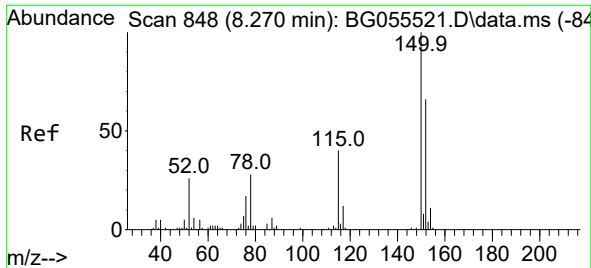
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
Data File : BG055539.D
Acq On : 10 Nov 2022 14:29
Operator : CG/JU
Sample : N5474-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
5592-4

Quant Time: Nov 11 02:00:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

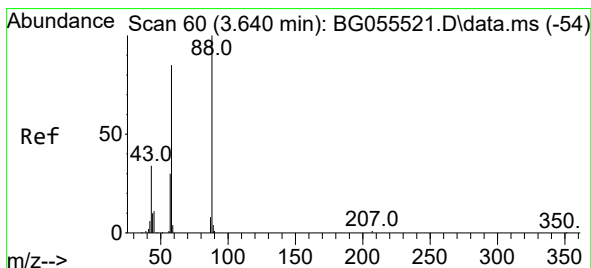
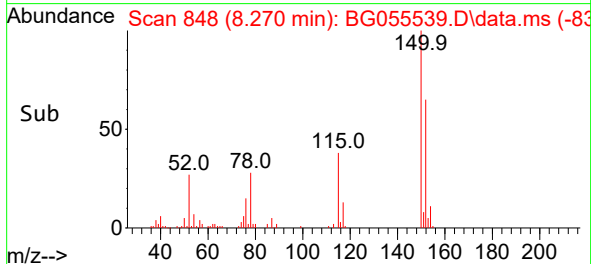
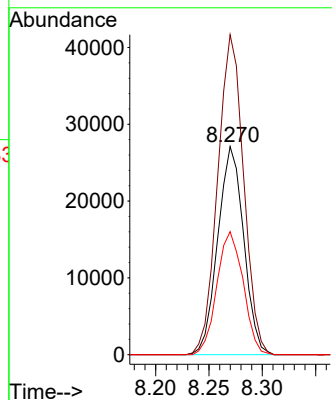
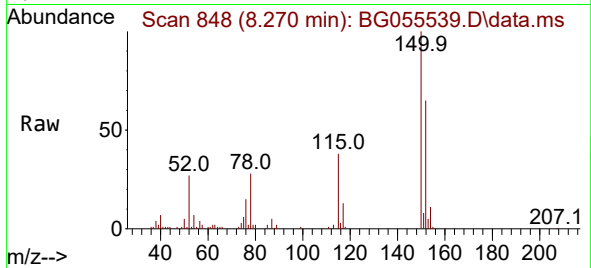




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.270 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BG055539.D
 Acq: 10 Nov 2022 14:29

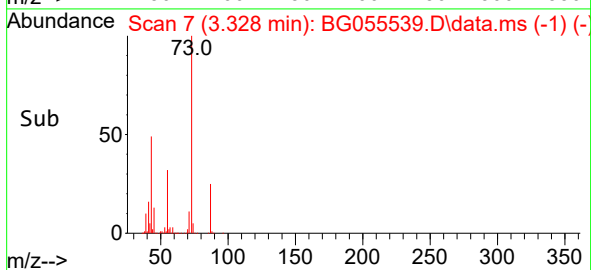
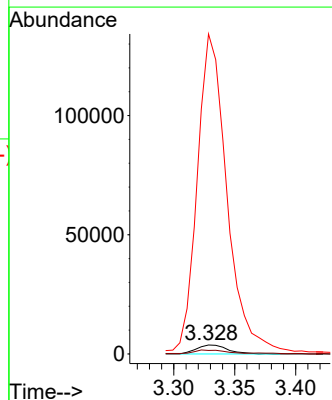
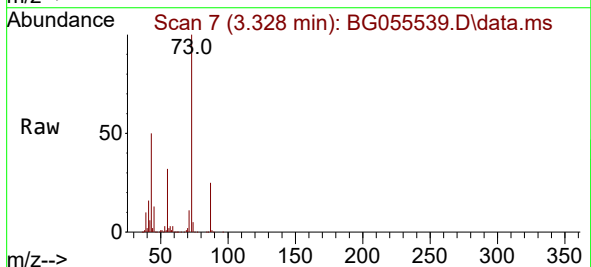
Instrument :
 BNA_G
 ClientSampleId :
 5592-4

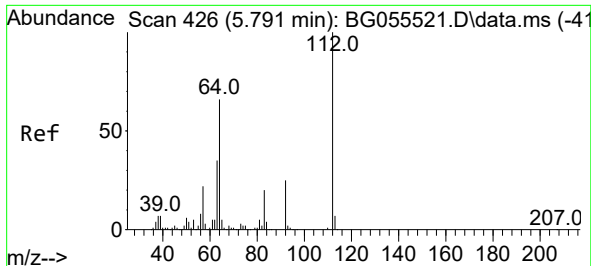
Tgt Ion:152 Resp: 45746
 Ion Ratio Lower Upper
 152 100
 150 153.7 121.0 181.4
 115 59.1 47.8 71.8



#2
 1,4-Dioxane
 Concen: 5.509 ng
 RT: 3.328 min Scan# 7
 Delta R.T. -0.312 min
 Lab File: BG055539.D
 Acq: 10 Nov 2022 14:29

Tgt Ion: 88 Resp: 6720
 Ion Ratio Lower Upper
 88 100
 58 34.6 68.9 103.3#
 43 3341.5 27.1 40.7#

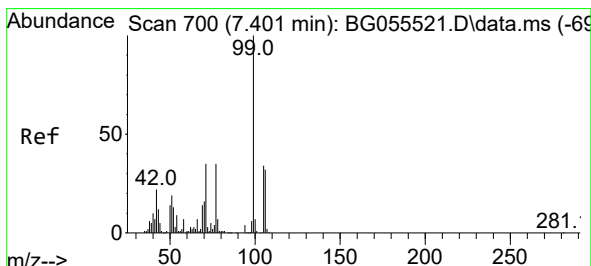
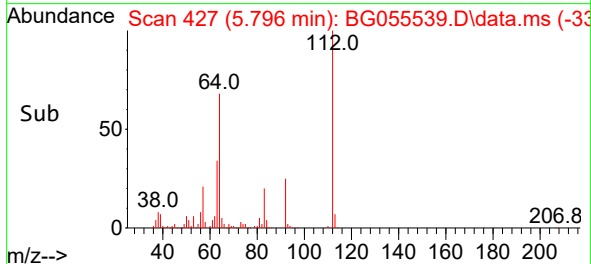
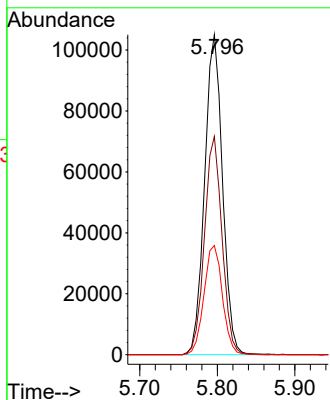
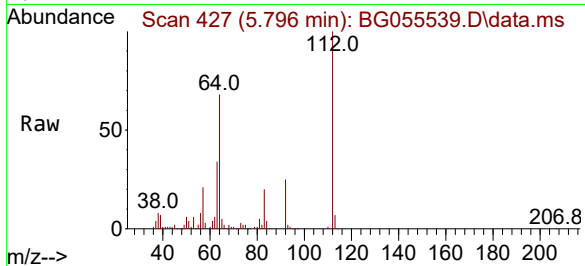




#5
2-Fluorophenol
Concen: 70.053 ng
RT: 5.796 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

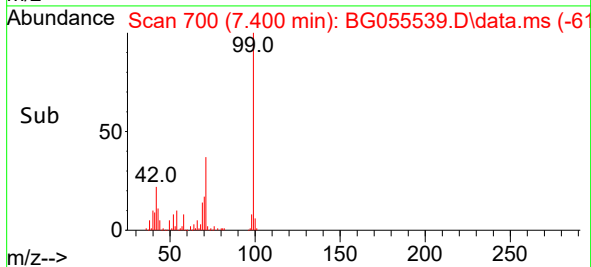
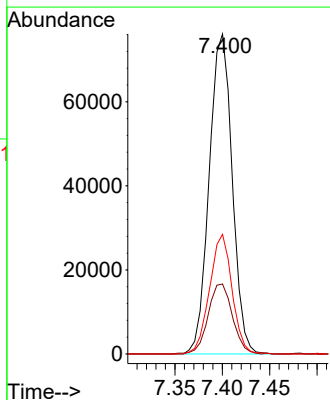
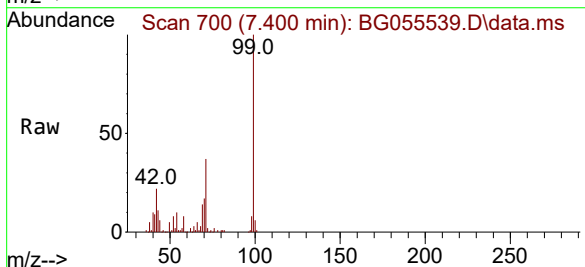
Instrument :
BNA_G
ClientSampleId :
5592-4

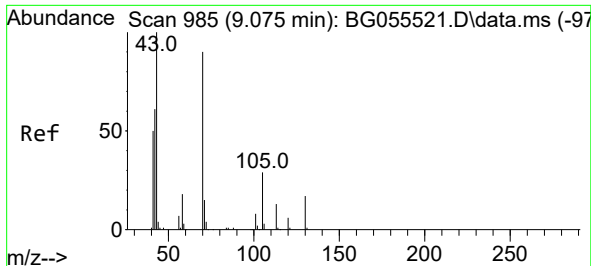
Tgt Ion:112 Resp: 168248
Ion Ratio Lower Upper
112 100
64 68.2 52.6 78.8
63 34.1 28.3 42.5



#7
Phenol-d6
Concen: 38.646 ng
RT: 7.400 min Scan# 700
Delta R.T. -0.001 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

Tgt Ion: 99 Resp: 128211
Ion Ratio Lower Upper
99 100
42 21.8 17.5 26.3
71 37.4 28.3 42.5

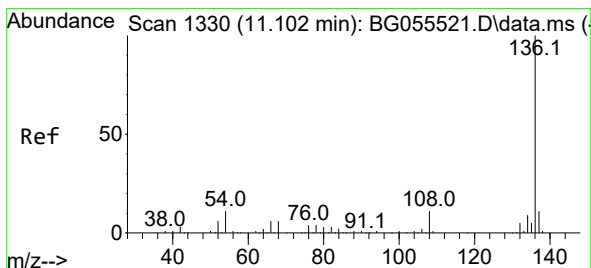
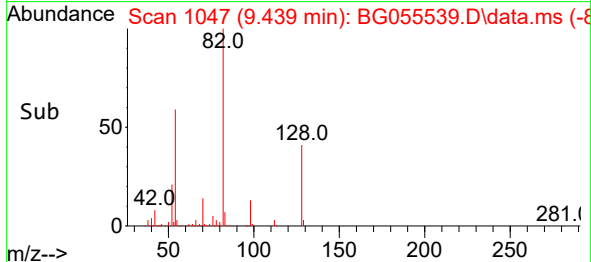
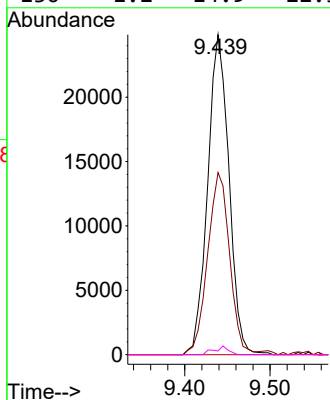
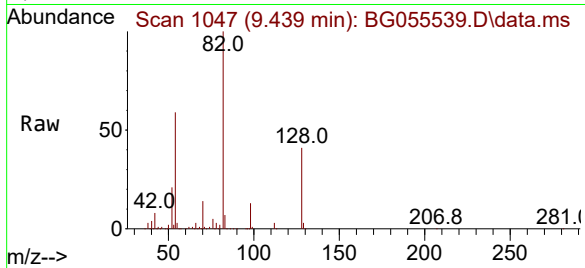




#19
n-Nitroso-di-n-propylamine
Concen: 15.730 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

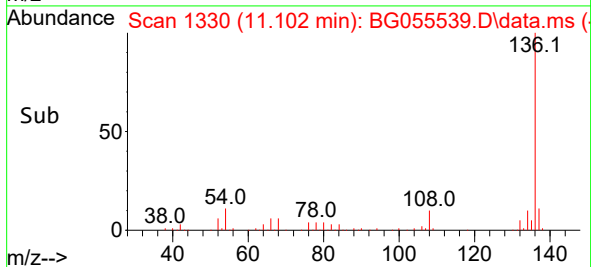
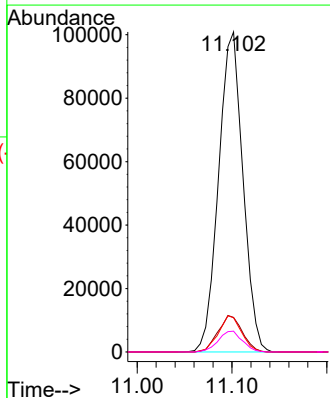
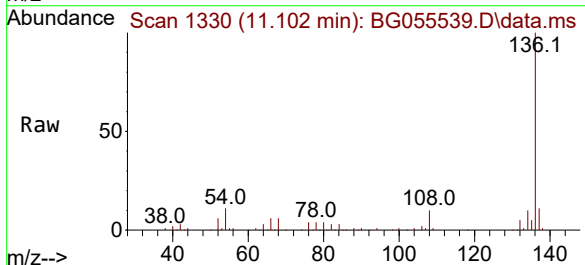
Instrument :
BNA_G
ClientSampleId :
5592-4

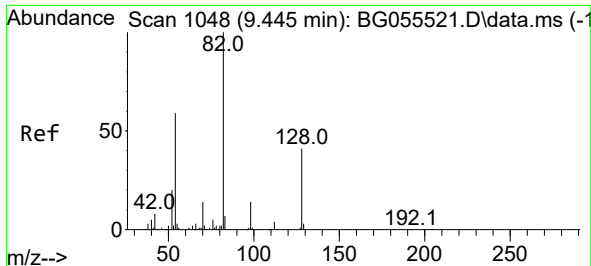
Tgt Ion: 70 Resp: 43128
Ion Ratio Lower Upper
70 100
42 56.9 54.8 82.2
101 0.0 6.8 10.2#
130 1.2 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

Tgt Ion: 136 Resp: 179850
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.7 8.6 12.8
68 6.5 4.6 6.8

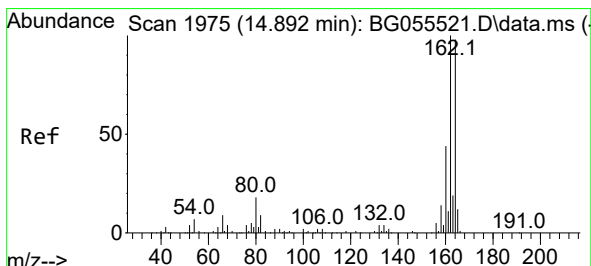
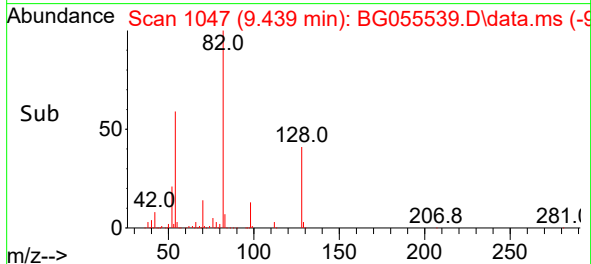
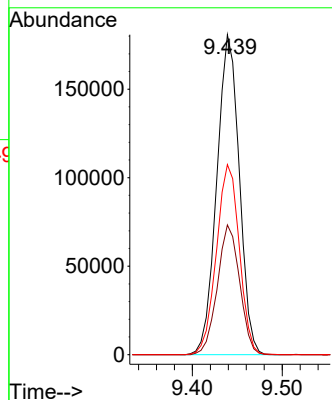
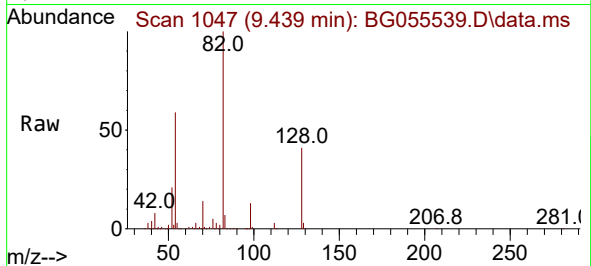




#23
Nitrobenzene-d5
Concen: 118.497 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

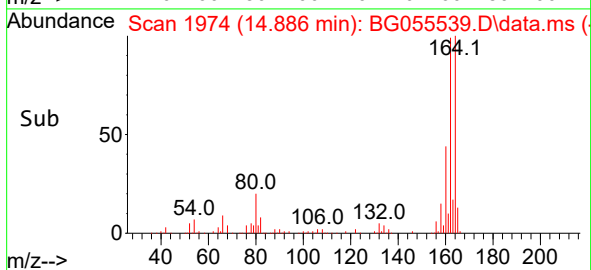
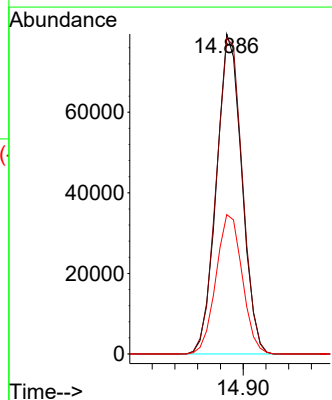
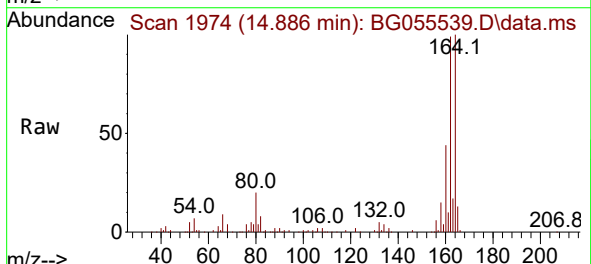
Instrument :
BNA_G
ClientSampleId :
5592-4

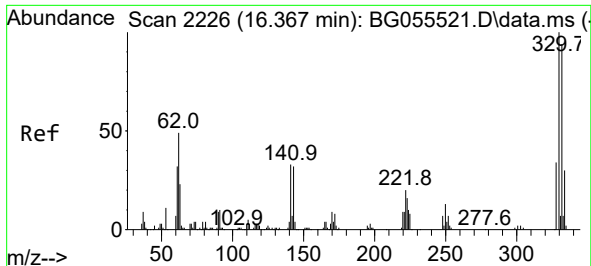
Tgt Ion: 82 Resp: 314369
Ion Ratio Lower Upper
82 100
128 40.6 32.6 49.0
54 59.4 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

Tgt Ion: 164 Resp: 122740
Ion Ratio Lower Upper
164 100
162 98.7 81.3 121.9
160 43.5 35.9 53.9

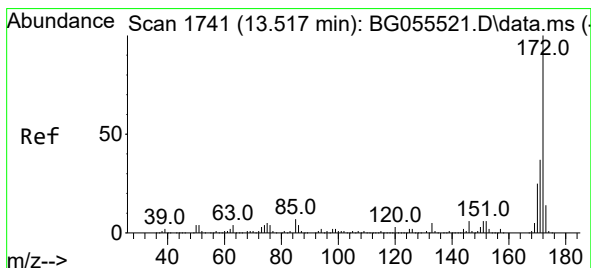
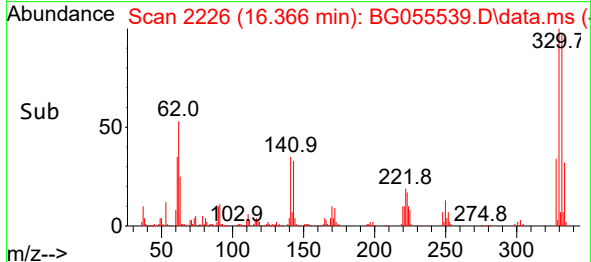
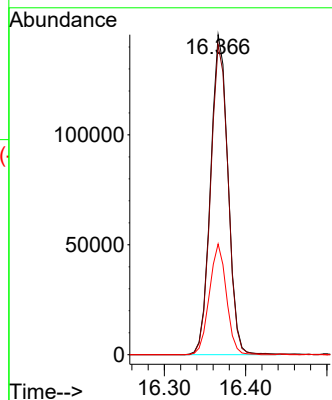
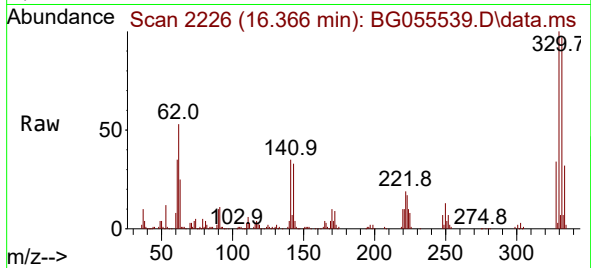




#42
2,4,6-Tribromophenol
Concen: 180.958 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

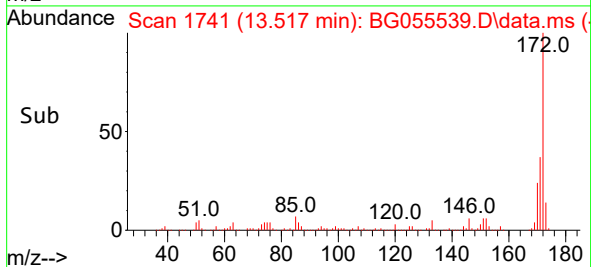
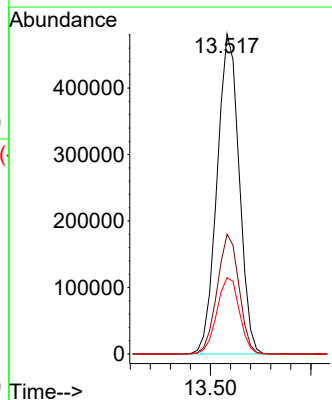
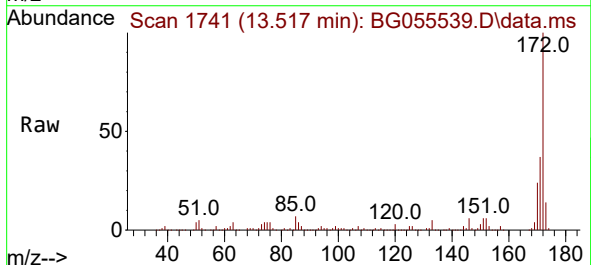
Instrument :
BNA_G
ClientSampleId :
5592-4

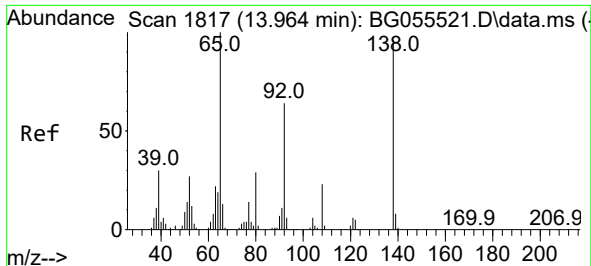
Tgt Ion:330 Resp: 216712
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 33.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 90.349 ng
RT: 13.517 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

Tgt Ion:172 Resp: 735177
Ion Ratio Lower Upper
172 100
171 37.4 29.7 44.5
170 23.9 19.8 29.6

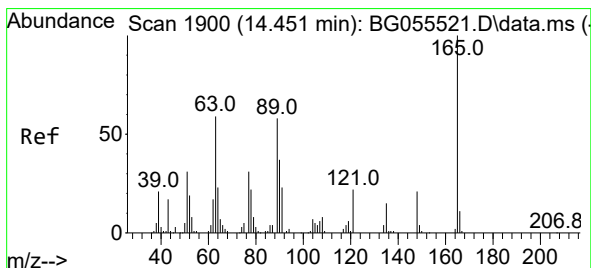
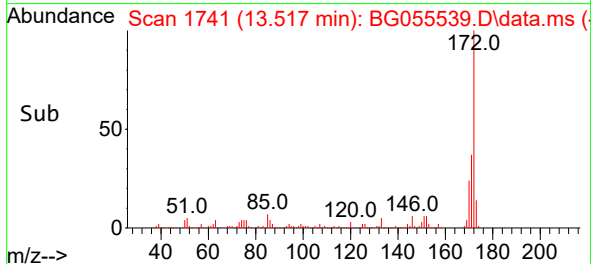
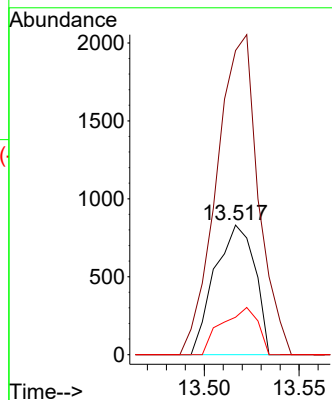
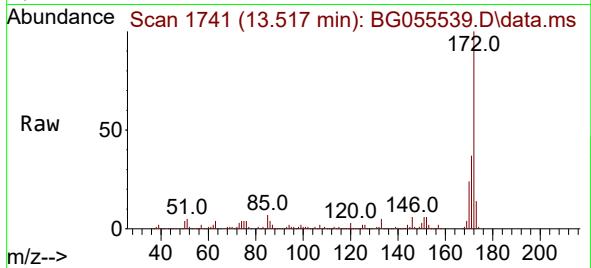




#48
2-Nitroaniline
Concen: 4.419 ng
RT: 13.517 min Scan# 11
Delta R.T. -0.447 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

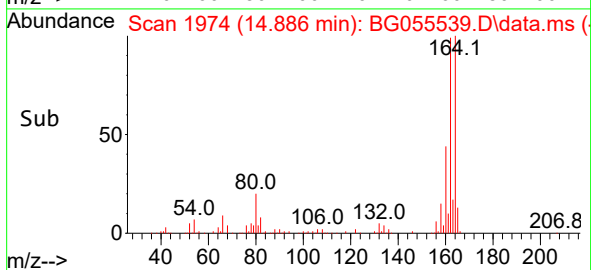
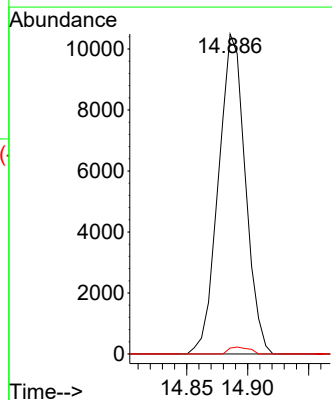
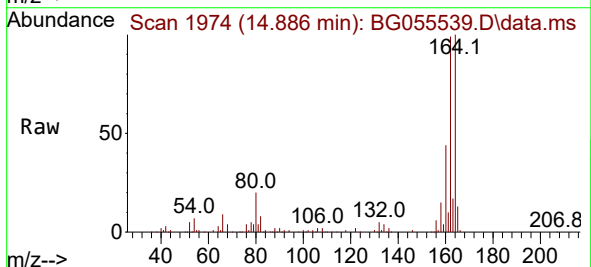
Instrument :
BNA_G
ClientSampleId :
5592-4

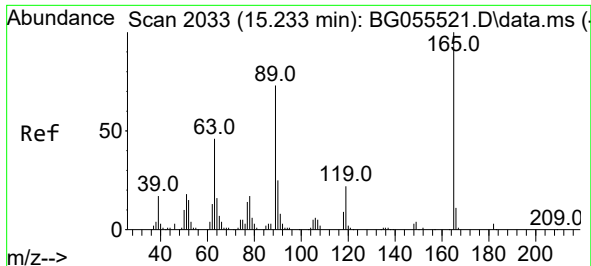
Tgt Ion: 65 Resp: 1226
Ion Ratio Lower Upper
65 100
92 234.8 51.6 77.4#
138 28.9 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.332 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.434 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

Tgt Ion:165 Resp: 16108
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.8 46.5 69.7#





#57

2,4-Dinitrotoluene

Concen: 10.500 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.348 min

Lab File: BG055539.D

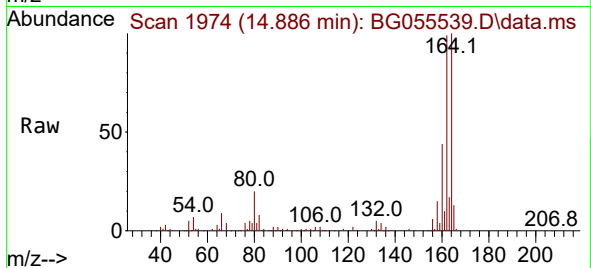
Acq: 10 Nov 2022 14:29

Instrument :

BNA_G

ClientSampleId :

5592-4



Tgt Ion:165 Resp: 16108

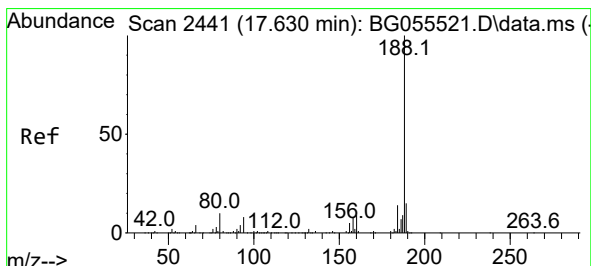
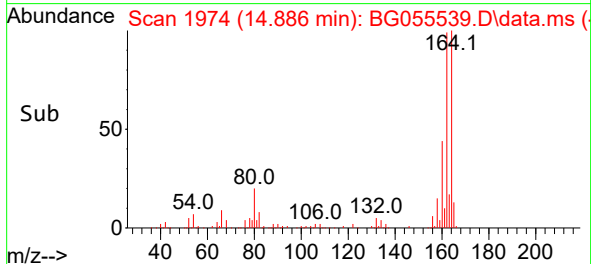
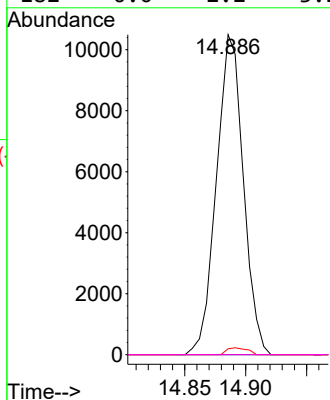
Ion Ratio Lower Upper

165 100

63 0.0 37.0 55.4#

89 1.8 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.629 min Scan# 2441

Delta R.T. -0.001 min

Lab File: BG055539.D

Acq: 10 Nov 2022 14:29

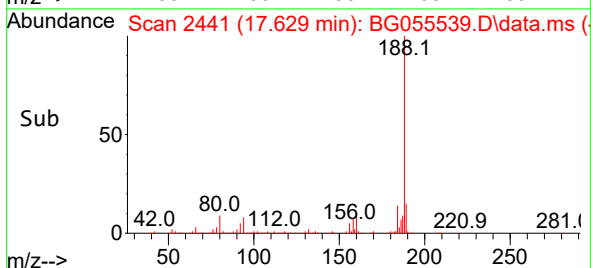
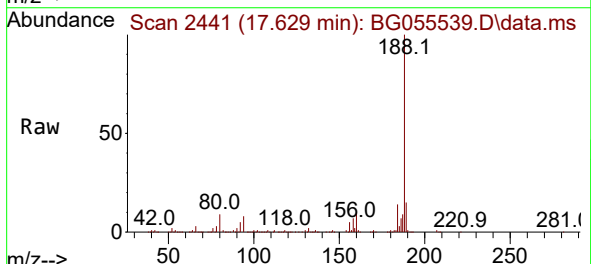
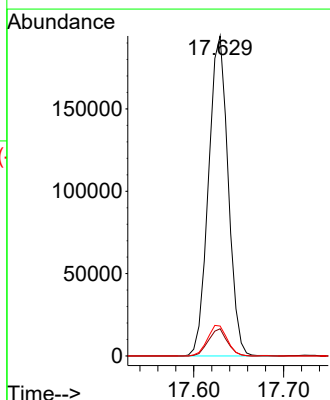
Tgt Ion:188 Resp: 294909

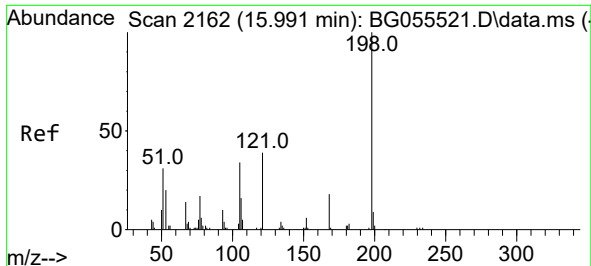
Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 9.4 7.6 11.4

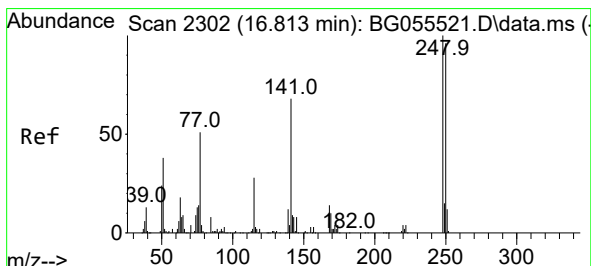
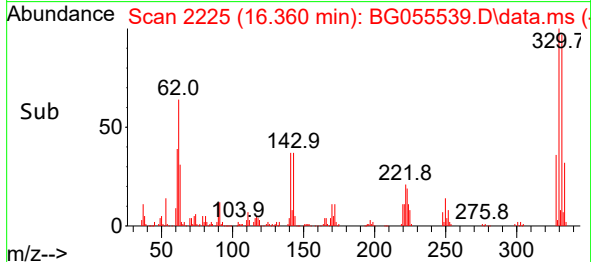
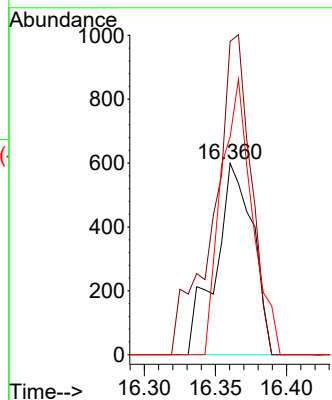
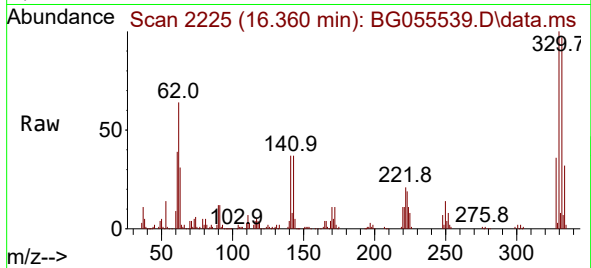




#65
4,6-Dinitro-2-methylphenol
Concen: 3.432 ng
RT: 16.360 min Scan# 2162
Delta R.T. 0.369 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

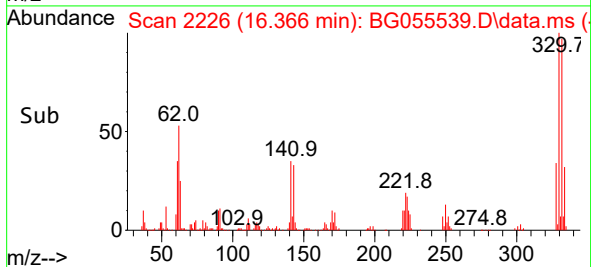
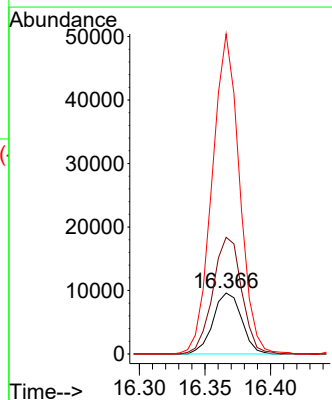
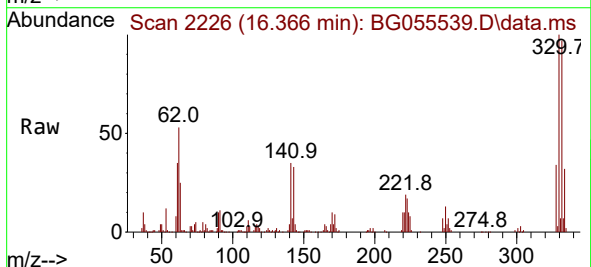
Instrument :
BNA_G
ClientSampleId :
5592-4

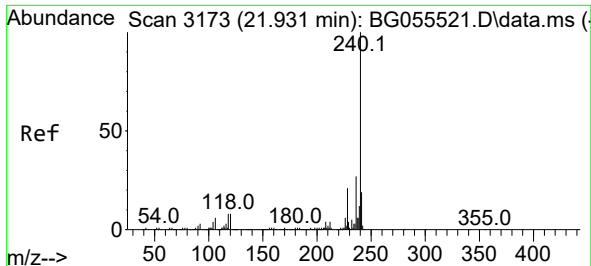
Tgt Ion:198 Resp: 1092
Ion Ratio Lower Upper
198 100
51 163.8 24.7 64.7#
105 113.9 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 4.838 ng
RT: 16.366 min Scan# 2226
Delta R.T. -0.447 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

Tgt Ion:248 Resp: 14555
Ion Ratio Lower Upper
248 100
250 191.2 76.9 115.3#
141 524.4 54.3 81.5#

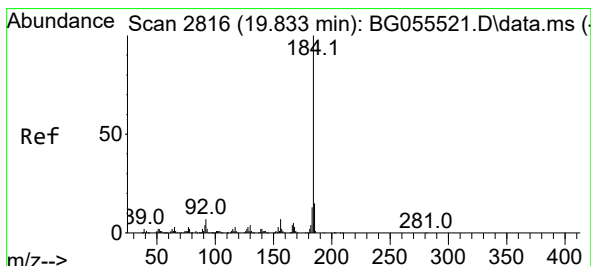
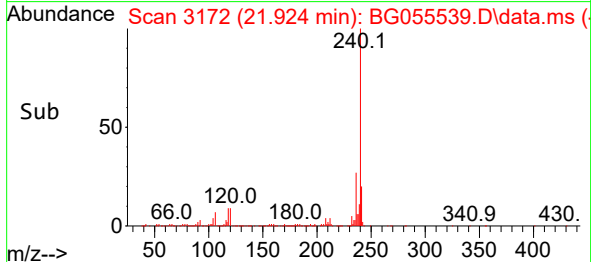
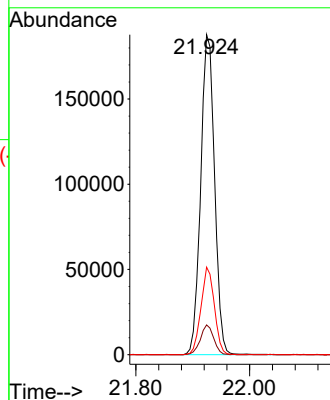
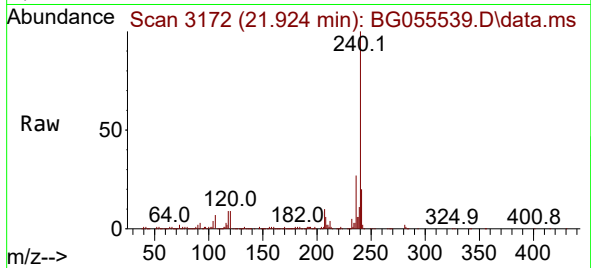




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. -0.007 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

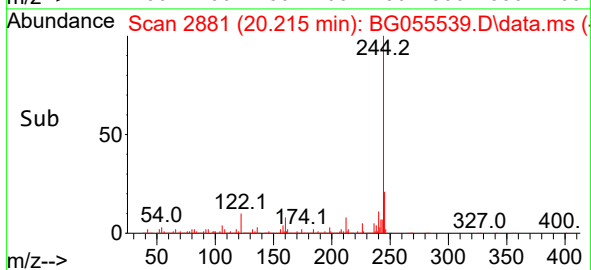
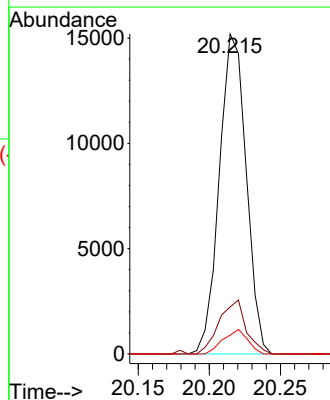
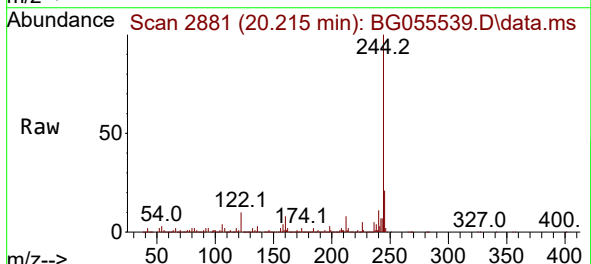
Instrument :
BNA_G
ClientSampleId :
5592-4

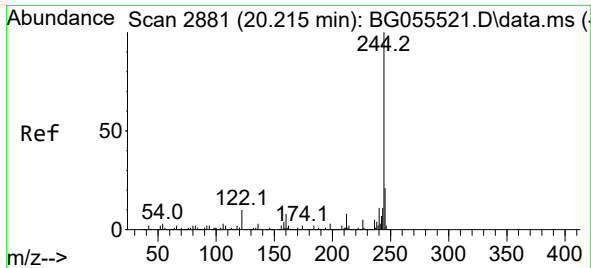
Tgt Ion:240 Resp: 318336
Ion Ratio Lower Upper
240 100
120 9.3 6.1 9.1#
236 27.4 21.4 32.0



#77
Benzidine
Concen: 2.321 ng
RT: 20.215 min Scan# 2881
Delta R.T. 0.382 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

Tgt Ion:184 Resp: 19989
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 5.9 10.2 15.2#

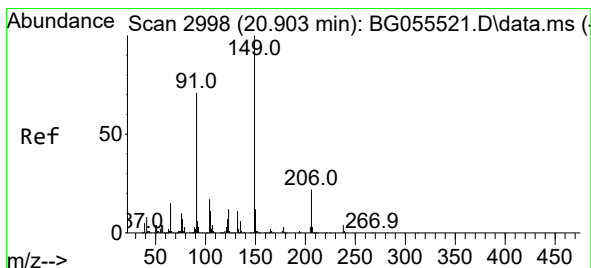
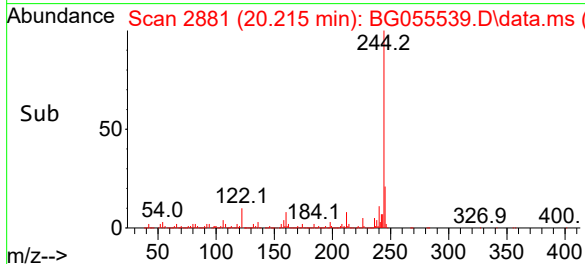
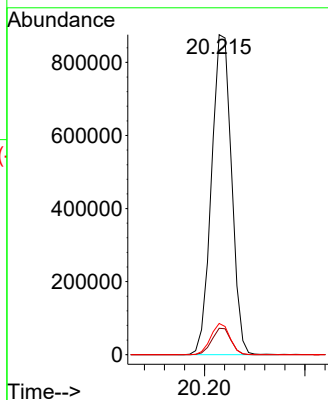
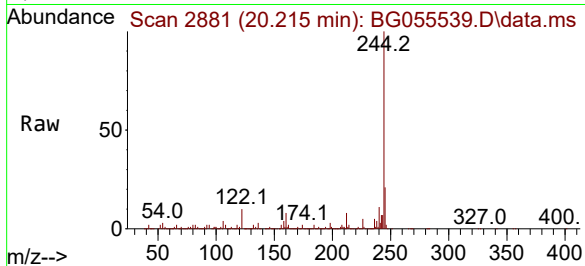




#79
 Terphenyl-d14
 Concen: 76.635 ng
 RT: 20.215 min Scan# 2881
 Delta R.T. -0.000 min
 Lab File: BG055539.D
 Acq: 10 Nov 2022 14:29

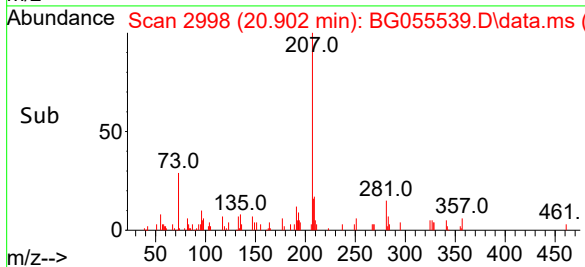
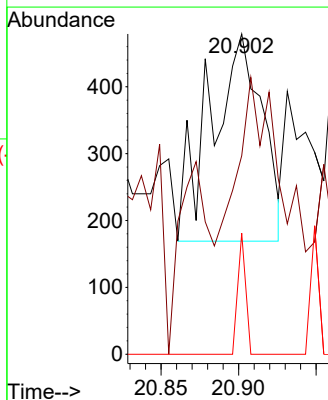
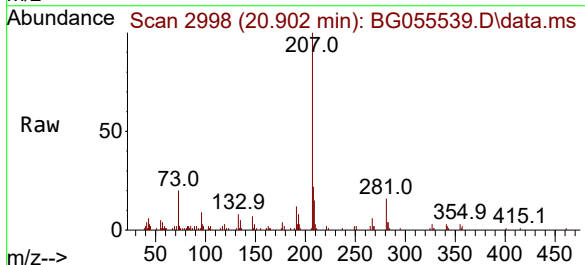
Instrument :
 BNA_G
 ClientSampleId :
 5592-4

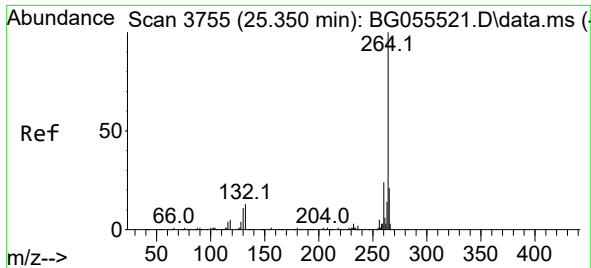
Tgt Ion:244 Resp: 1214593
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.8 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.446 ng
 RT: 20.902 min Scan# 2998
 Delta R.T. -0.001 min
 Lab File: BG055539.D
 Acq: 10 Nov 2022 14:29

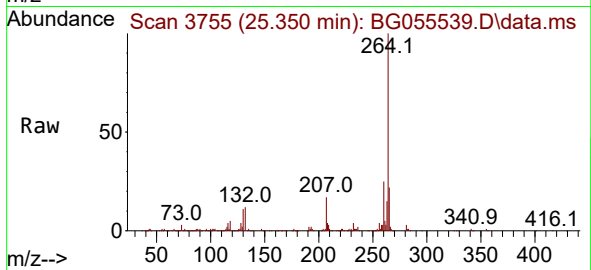
Tgt Ion:149 Resp: 722
 Ion Ratio Lower Upper
 149 100
 91 62.0 56.8 85.2
 206 37.8 17.3 25.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.350 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG055539.D
Acq: 10 Nov 2022 14:29

Instrument :
BNA_G
ClientSampleId :
5592-4



Tgt Ion:264 Resp: 316354

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.6	17.1	25.7

