

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055554.D
 Acq On : 11 Nov 2022 1:06
 Operator : CG/JU
 Sample : N5476-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RED-006-5

Quant Time: Nov 11 02:04:51 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)

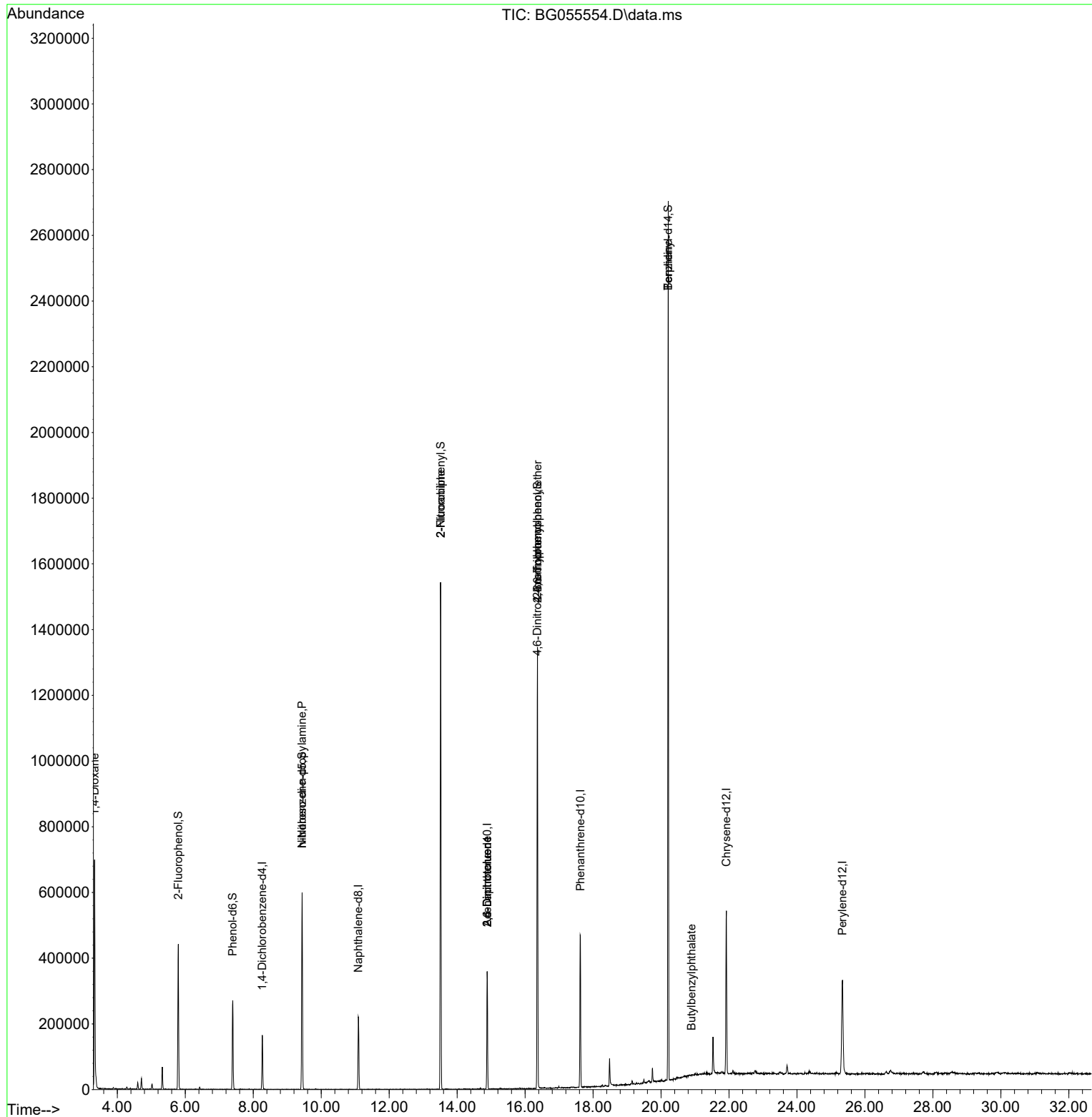
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.268	152	45140	20.000	ng	0.00
21) Naphthalene-d8	11.094	136	187333	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	126922	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	303446	20.000	ng	0.00
76) Chrysene-d12	21.922	240	309299	20.000	ng	0.00
86) Perylene-d12	25.342	264	324781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	184232	77.738	ng	0.00
7) Phenol-d6	7.398	99	147046	44.919	ng	0.00
23) Nitrobenzene-d5	9.437	82	344027	124.496	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	250799	202.521	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	803445	95.485	ng	0.00
79) Terphenyl-d14	20.212	244	1257456	81.658	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.332	88	6015	4.997	ng	# 1
19) n-Nitroso-di-n-propyla...	9.437	70	46778	17.290	ng	# 78
48) 2-Nitroaniline	13.514	65	1505	4.537	ng	# 1
51) 2,6-Dinitrotoluene	14.883	165	16698	12.355	ng	# 21
57) 2,4-Dinitrotoluene	14.883	165	16698	10.517	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.358	198	852	3.061	ng	# 1
67) 4-Bromophenyl-phenylether	16.364	248	16181	5.227	ng	# 1
77) Benzidine	20.212	184	21764	2.601	ng	# 91
80) Butylbenzylphthalate	20.900	149	647	3.440	ng	# 54

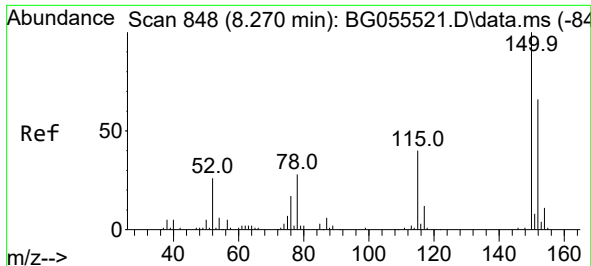
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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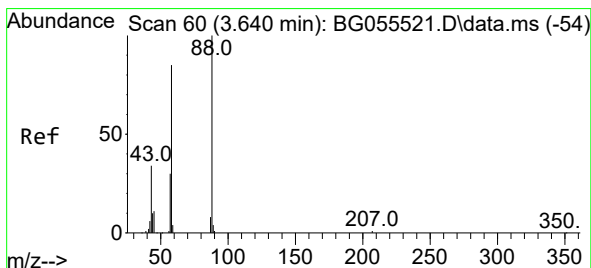
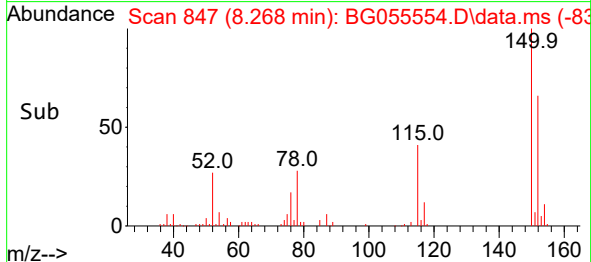
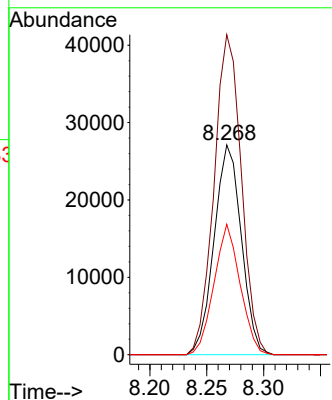
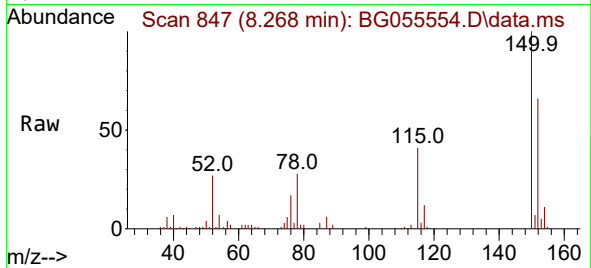




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.268 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

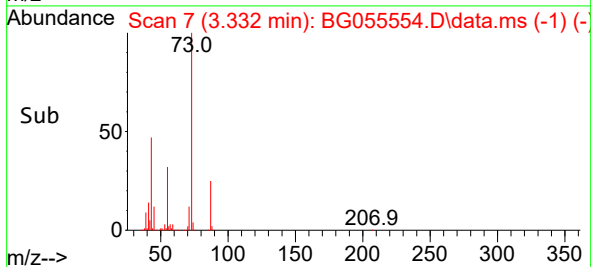
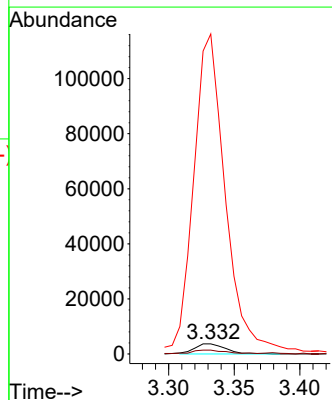
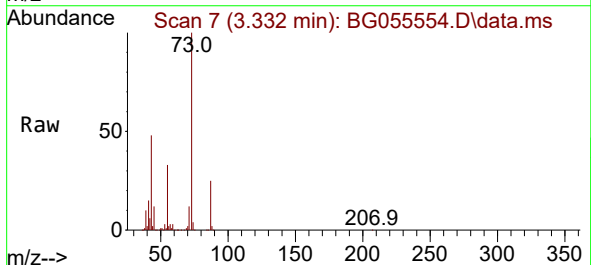
Instrument :
BNA_G
ClientSampleId :
RED-006-5

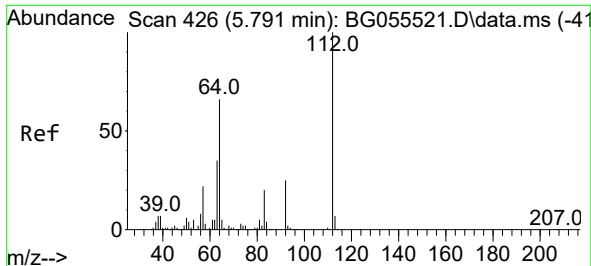
Tgt Ion:152 Resp: 45140
Ion Ratio Lower Upper
152 100
150 152.6 121.0 181.4
115 62.2 47.8 71.8



#2
1,4-Dioxane
Concen: 4.997 ng
RT: 3.332 min Scan# 7
Delta R.T. -0.308 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

Tgt Ion: 88 Resp: 6015
Ion Ratio Lower Upper
88 100
58 30.5 68.9 103.3#
43 3156.9 27.1 40.7#

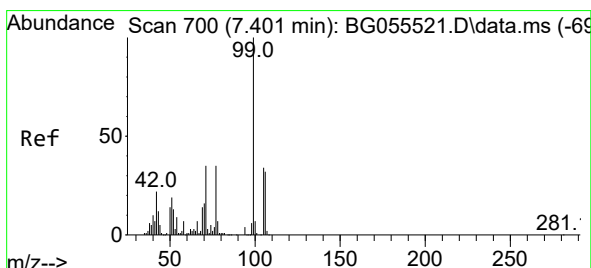
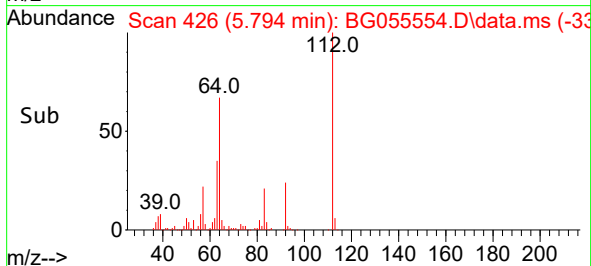
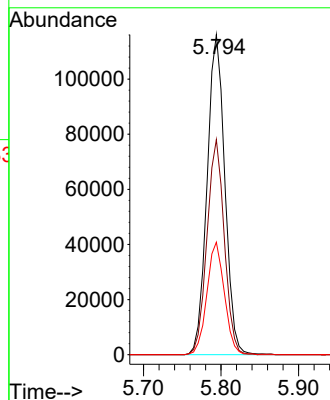
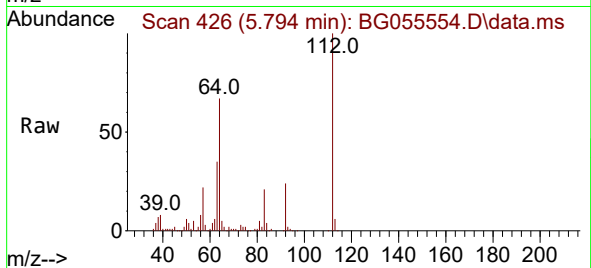




#5
2-Fluorophenol
Concen: 77.738 ng
RT: 5.794 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

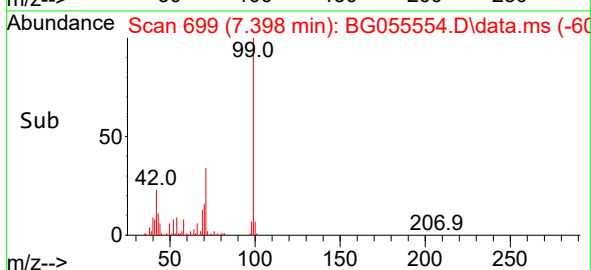
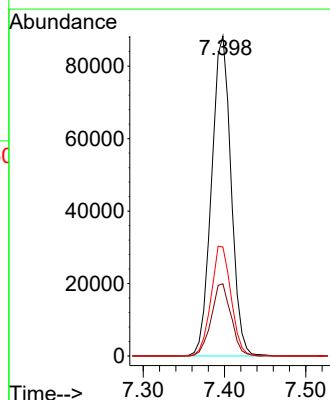
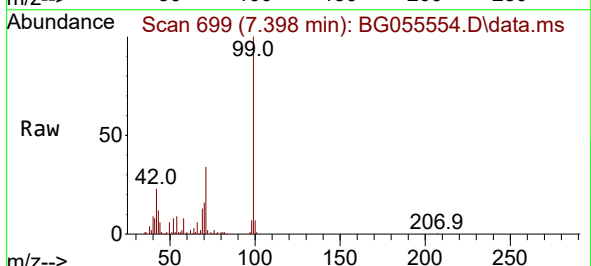
Instrument :
BNA_G
ClientSampleId :
RED-006-5

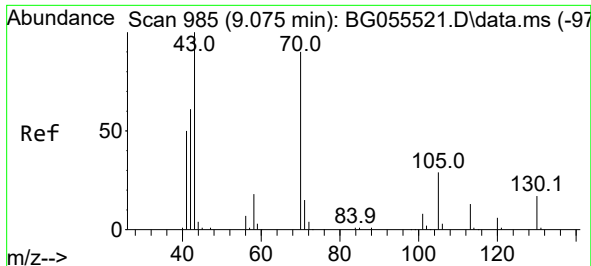
Tgt Ion:112 Resp: 184232
Ion Ratio Lower Upper
112 100
64 67.2 52.6 78.8
63 35.2 28.3 42.5



#7
Phenol-d6
Concen: 44.919 ng
RT: 7.398 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

Tgt Ion: 99 Resp: 147046
Ion Ratio Lower Upper
99 100
42 22.5 17.5 26.3
71 34.1 28.3 42.5





#19

n-Nitroso-di-n-propylamine

Concen: 17.290 ng

RT: 9.437 min Scan# 1046

Delta R.T. 0.362 min

Lab File: BG055554.D

Acq: 11 Nov 2022 1:06

Instrument :

BNA_G

ClientSampleId :

RED-006-5

Tgt Ion: 70 Resp: 46778

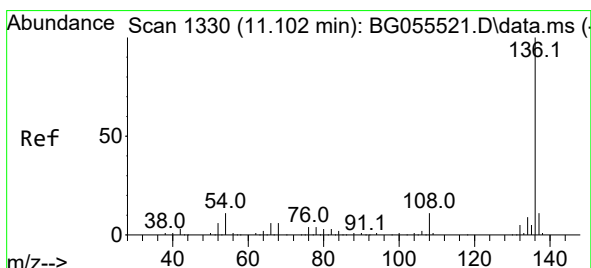
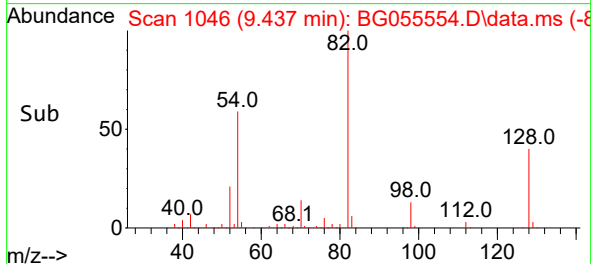
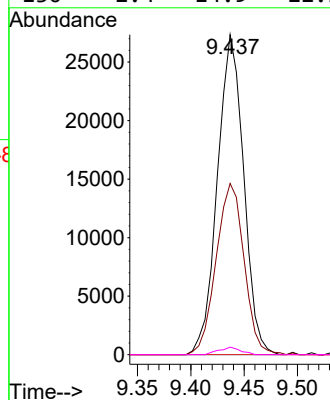
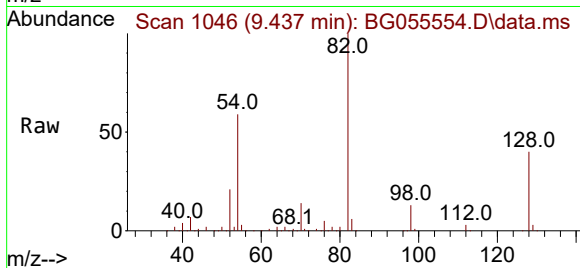
Ion Ratio Lower Upper

70 100

42 53.5 54.8 82.2#

101 0.0 6.8 10.2#

130 2.4 14.9 22.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.094 min Scan# 1328

Delta R.T. -0.008 min

Lab File: BG055554.D

Acq: 11 Nov 2022 1:06

Tgt Ion: 136 Resp: 187333

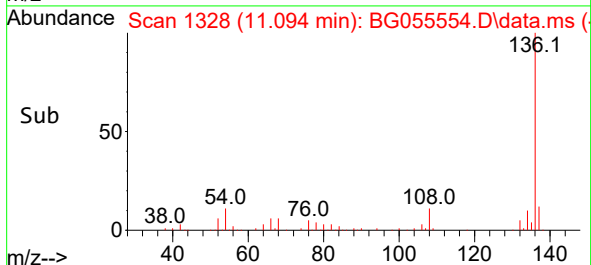
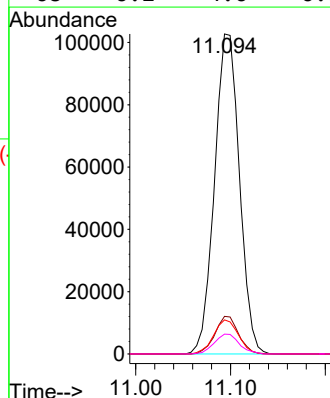
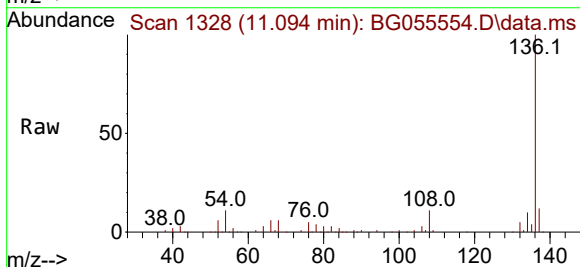
Ion Ratio Lower Upper

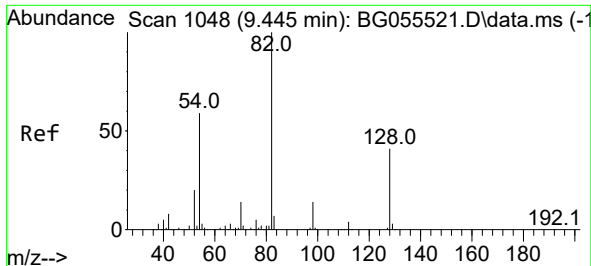
136 100

137 11.7 8.6 12.8

54 10.7 8.6 12.8

68 6.2 4.6 6.8

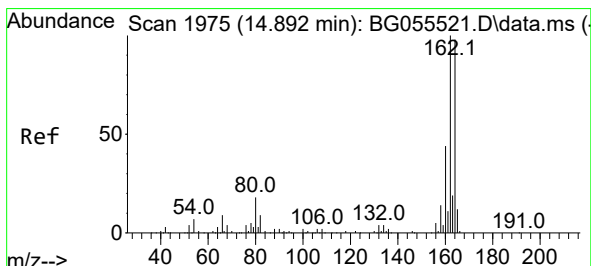
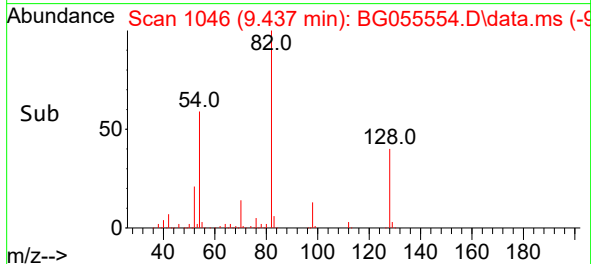
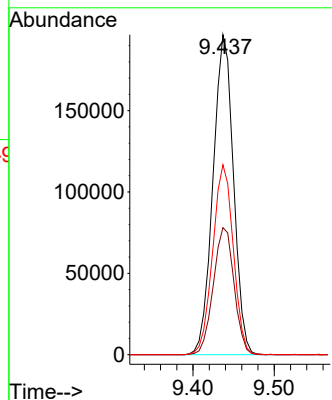
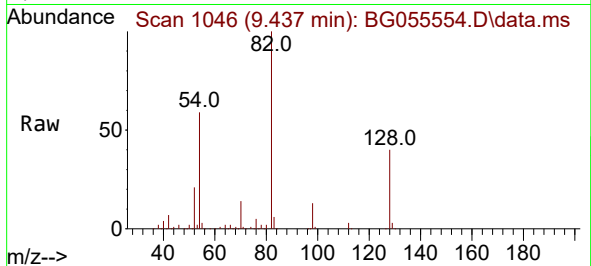




#23
Nitrobenzene-d5
Concen: 124.496 ng
RT: 9.437 min Scan# 1046
Delta R.T. -0.008 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

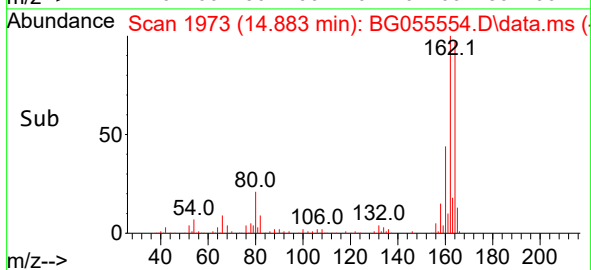
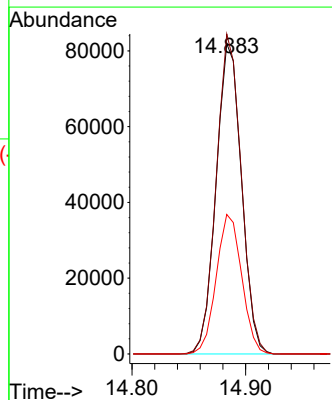
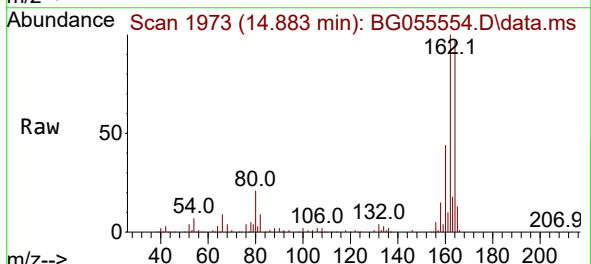
Instrument :
BNA_G
ClientSampleId :
RED-006-5

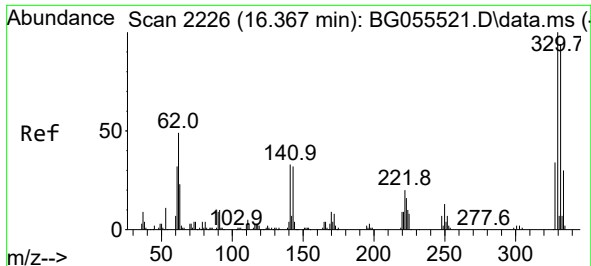
Tgt Ion: 82 Resp: 344027
Ion Ratio Lower Upper
82 100
128 39.7 32.6 49.0
54 59.3 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

Tgt Ion:164 Resp: 126922
Ion Ratio Lower Upper
164 100
162 103.1 81.3 121.9
160 44.9 35.9 53.9

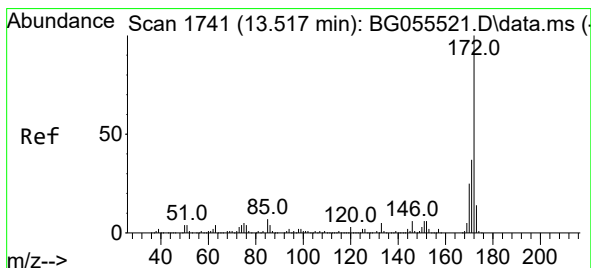
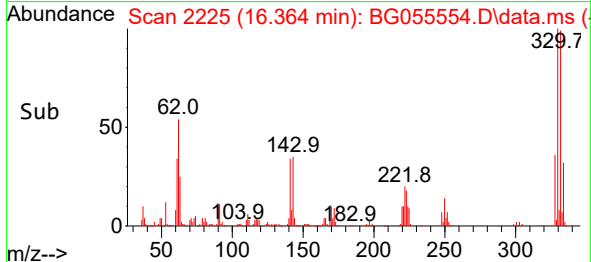
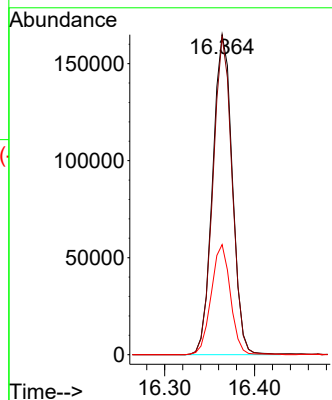
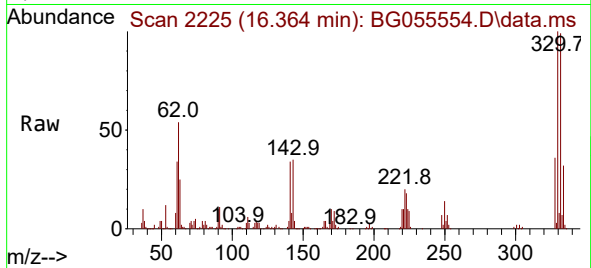




#42
 2,4,6-Tribromophenol
 Concen: 202.521 ng
 RT: 16.364 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055554.D
 Acq: 11 Nov 2022 1:06

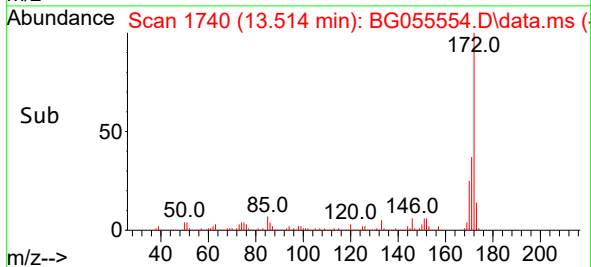
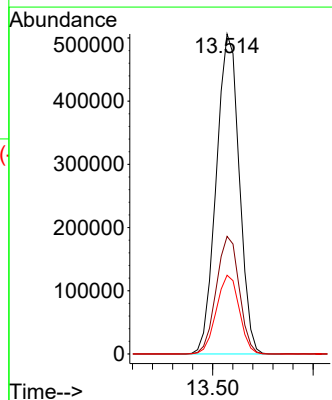
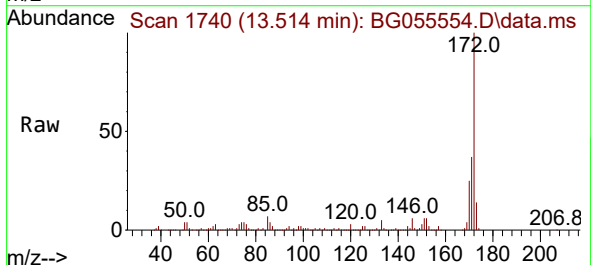
Instrument :
 BNA_G
 ClientSampleId :
 RED-006-5

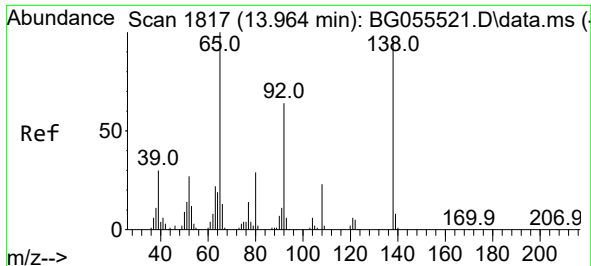
Tgt Ion:330 Resp: 250799
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 33.7 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 95.485 ng
 RT: 13.514 min Scan# 1740
 Delta R.T. -0.003 min
 Lab File: BG055554.D
 Acq: 11 Nov 2022 1:06

Tgt Ion:172 Resp: 803445
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.6 19.8 29.6

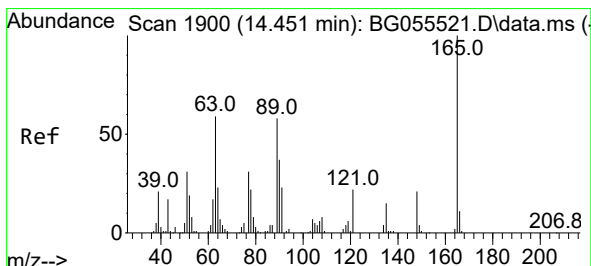
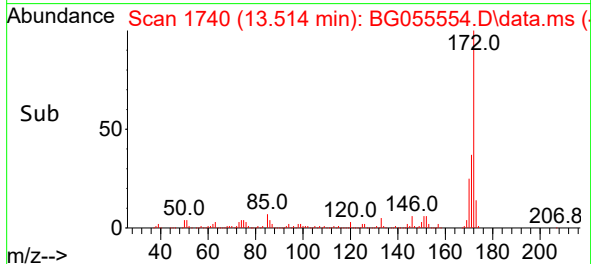
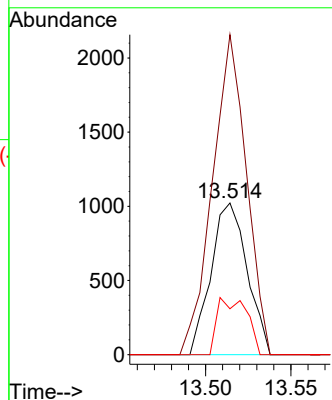
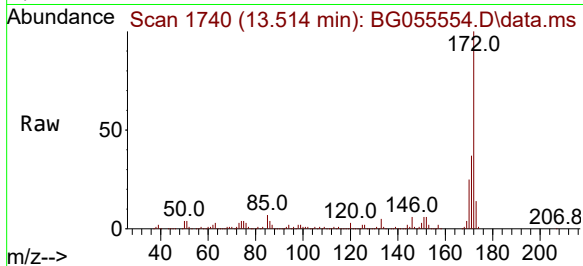




#48
2-Nitroaniline
Concen: 4.537 ng
RT: 13.514 min Scan# 1
Delta R.T. -0.450 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

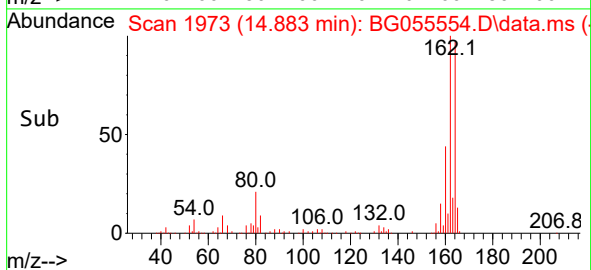
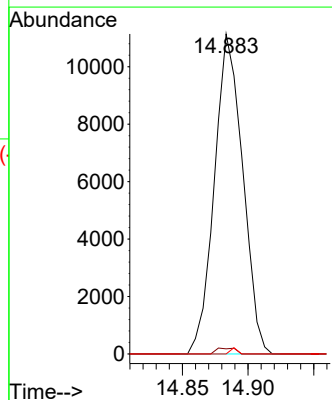
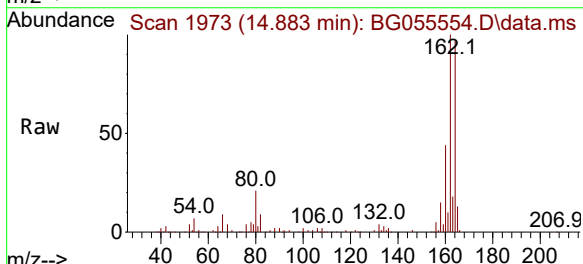
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RED-006-5

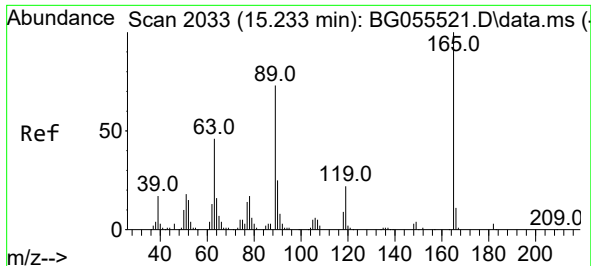
Tgt Ion: 65 Resp: 1505
Ion Ratio Lower Upper
65 100
92 211.1 51.6 77.4#
138 30.2 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.355 ng
RT: 14.883 min Scan# 1973
Delta R.T. 0.432 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

Tgt Ion:165 Resp: 16698
Ion Ratio Lower Upper
165 100
63 1.6 50.1 75.1#
89 0.0 46.5 69.7#

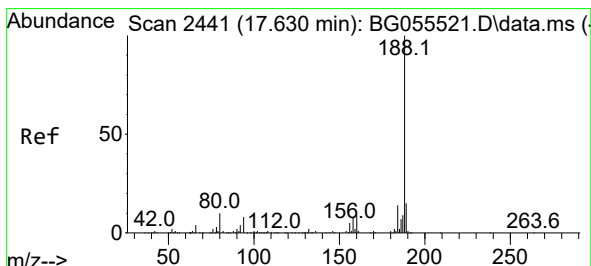
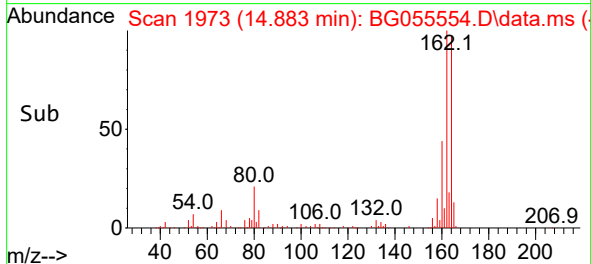
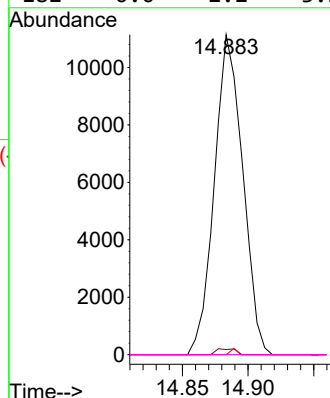
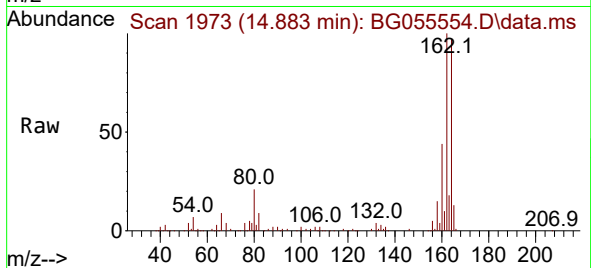




#57
2,4-Dinitrotoluene
Concen: 10.517 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.350 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

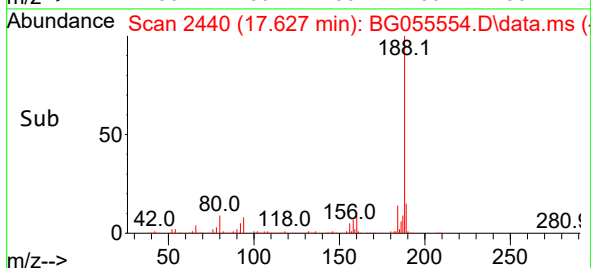
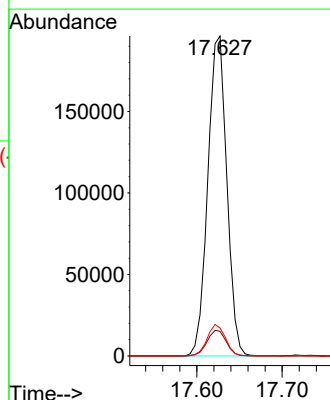
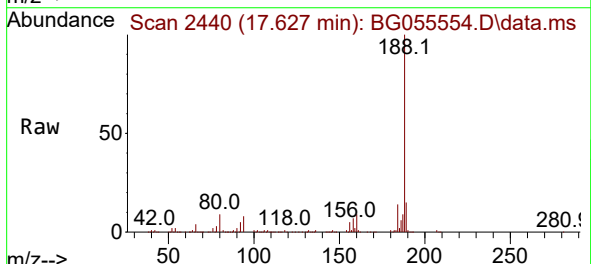
Instrument :
BNA_G
ClientSampleId :
RED-006-5

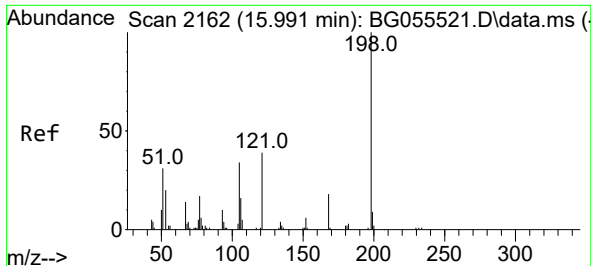
Tgt Ion:165 Resp: 16698
Ion Ratio Lower Upper
165 100
63 1.6 37.0 55.4#
89 0.0 58.6 87.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2440
Delta R.T. -0.003 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

Tgt Ion:188 Resp: 303446
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.7 7.6 11.4

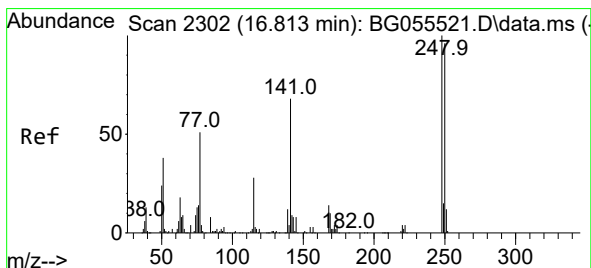
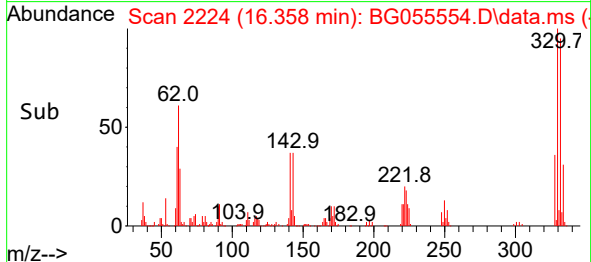
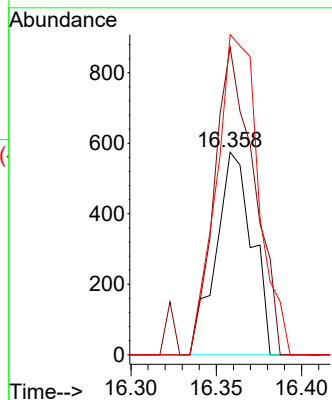
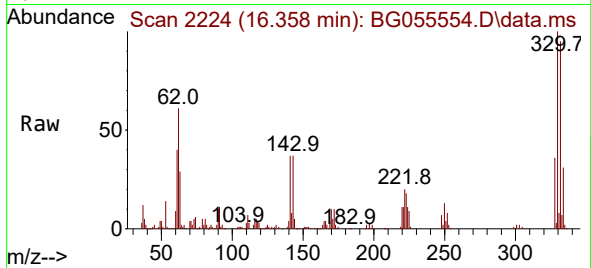




#65
4,6-Dinitro-2-methylphenol
Concen: 3.061 ng
RT: 16.358 min Scan# 2162
Delta R.T. 0.367 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

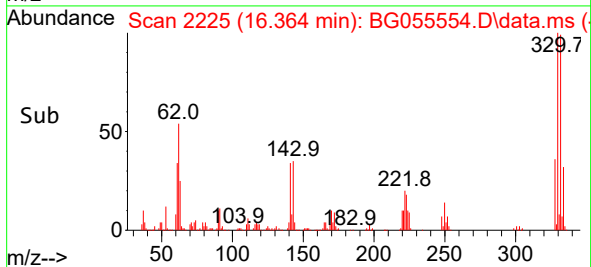
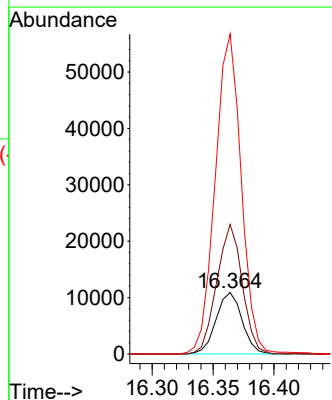
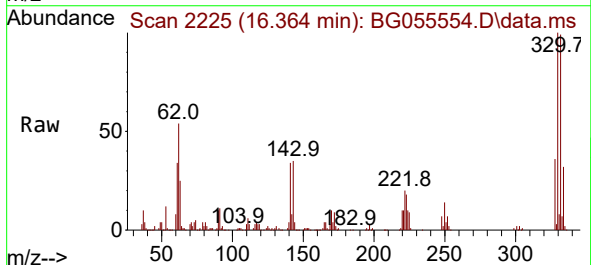
Instrument :
BNA_G
ClientSampleId :
RED-006-5

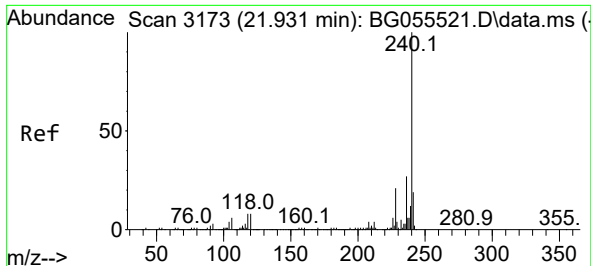
Tgt Ion:198 Resp: 852
Ion Ratio Lower Upper
198 100
51 151.7 24.7 64.7#
105 157.9 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 5.227 ng
RT: 16.364 min Scan# 2225
Delta R.T. -0.449 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

Tgt Ion:248 Resp: 16181
Ion Ratio Lower Upper
248 100
250 210.7 76.9 115.3#
141 520.2 54.3 81.5#

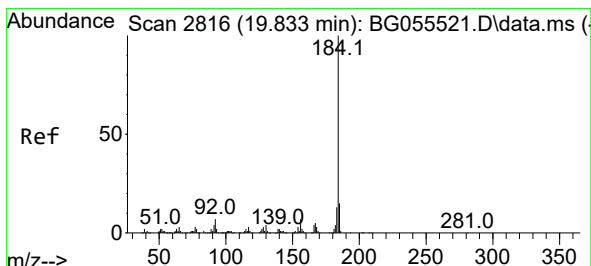
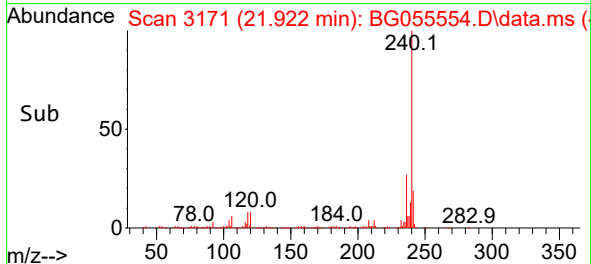
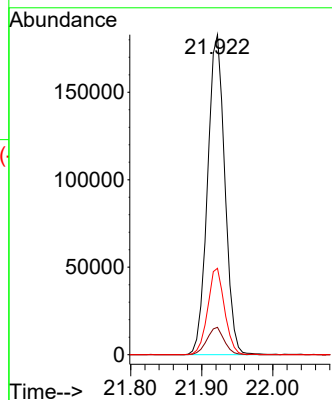
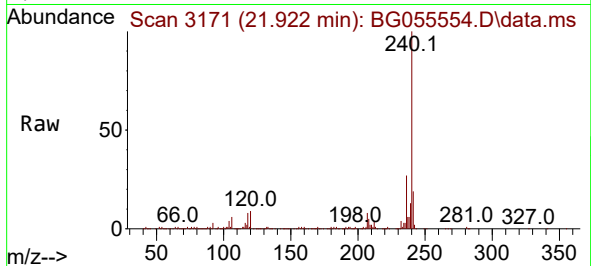




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

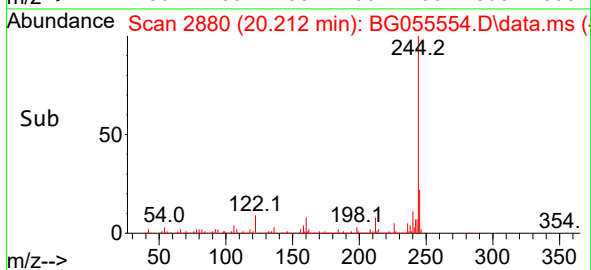
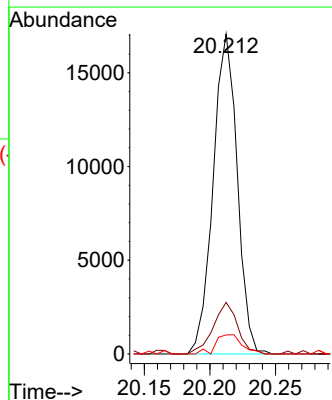
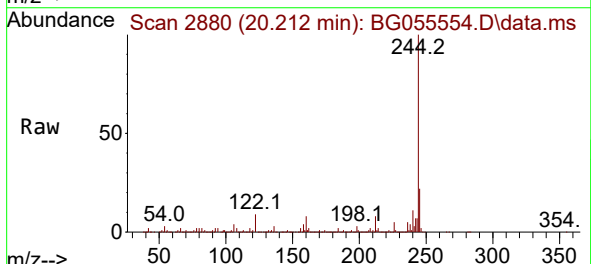
Instrument :
BNA_G
ClientSampleId :
RED-006-5

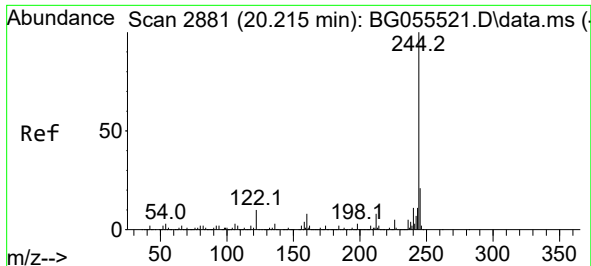
Tgt Ion:240 Resp: 309299
Ion Ratio Lower Upper
240 100
120 8.6 6.1 9.1
236 27.0 21.4 32.0



#77
Benzidine
Concen: 2.601 ng
RT: 20.212 min Scan# 2880
Delta R.T. 0.379 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

Tgt Ion:184 Resp: 21764
Ion Ratio Lower Upper
184 100
185 16.1 12.0 18.0
183 6.0 10.2 15.2#

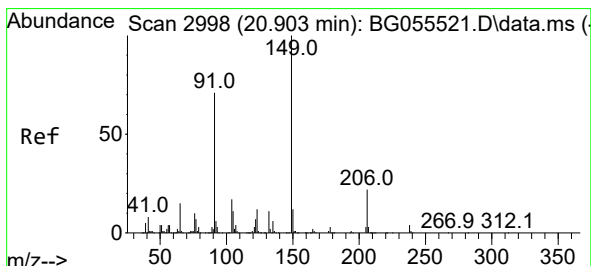
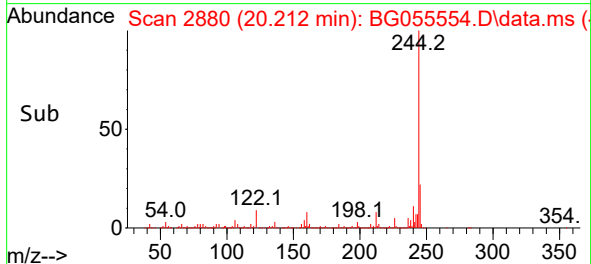
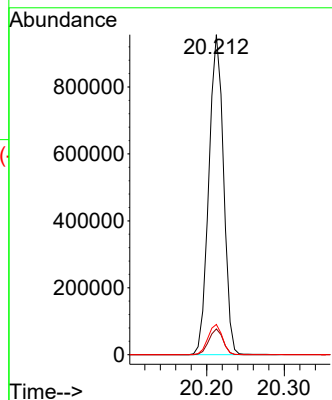
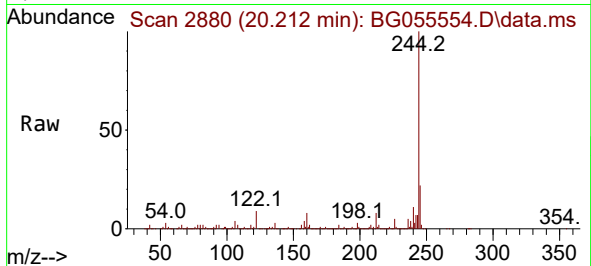




#79
 Terphenyl-d14
 Concen: 81.658 ng
 RT: 20.212 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055554.D
 Acq: 11 Nov 2022 1:06

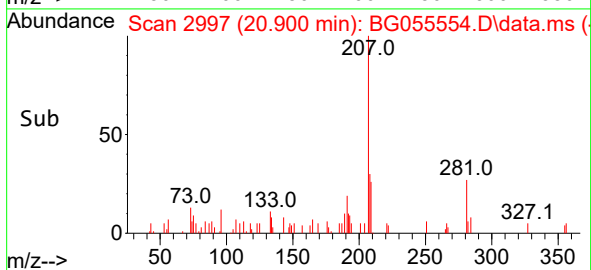
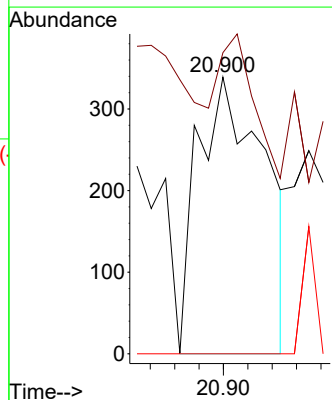
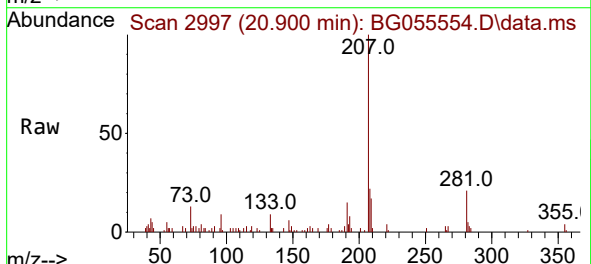
Instrument :
 BNA_G
 ClientSampleId :
 RED-006-5

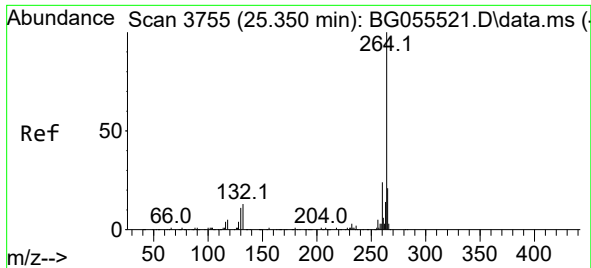
Tgt Ion:244 Resp: 1257456
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.440 ng
 RT: 20.900 min Scan# 2997
 Delta R.T. -0.003 min
 Lab File: BG055554.D
 Acq: 11 Nov 2022 1:06

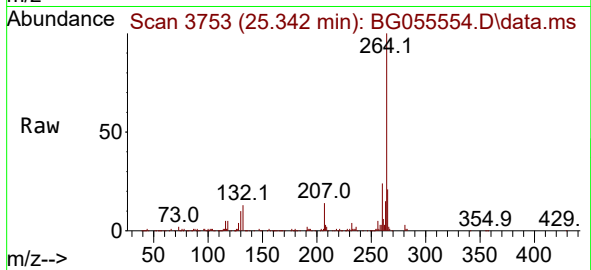
Tgt Ion:149 Resp: 647
 Ion Ratio Lower Upper
 149 100
 91 108.8 56.8 85.2#
 206 0.0 17.3 25.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.342 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG055554.D
Acq: 11 Nov 2022 1:06

Instrument :
BNA_G
ClientSampleId :
RED-006-5



Tgt Ion:264 Resp: 324781

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.0	17.1	25.7

