

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055637.D
 Acq On : 16 Nov 2022 1:16
 Operator : CG/JU
 Sample : N5608-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NP-1

Quant Time: Nov 16 03:18:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

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

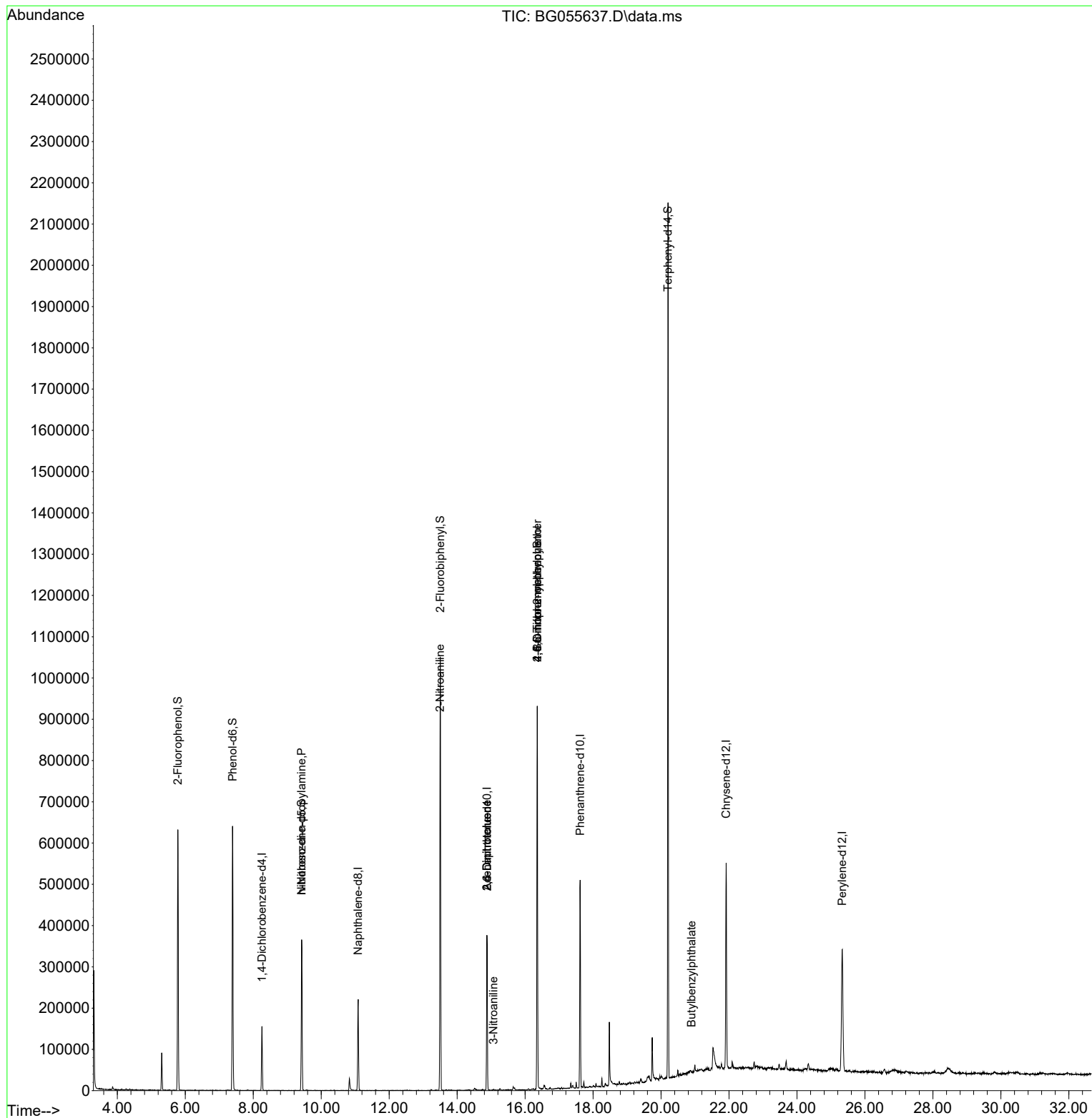
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	44592	20.000	ng	0.00
21) Naphthalene-d8	11.086	136	186220	20.000	ng	0.00
39) Acenaphthene-d10	14.876	164	138611	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	332749	20.000	ng	0.00
76) Chrysene-d12	21.915	240	318388	20.000	ng	0.00
86) Perylene-d12	25.329	264	337206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.781	112	273010	116.615	ng	0.00
7) Phenol-d6	7.391	99	355165	109.827	ng	0.00
23) Nitrobenzene-d5	9.424	82	217877	79.316	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	188960	139.719	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	562700	61.234	ng	0.00
79) Terphenyl-d14	20.205	244	1031200	65.053	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.424	70	29224	10.935	ng	# 81
48) 2-Nitroaniline	13.495	65	1018	4.252	ng	# 3
51) 2,6-Dinitrotoluene	14.876	165	17785	12.127	ng	# 21
53) 3-Nitroaniline	15.070	138	144	3.838	ng	# 1
57) 2,4-Dinitrotoluene	14.876	165	17785	10.346	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.357	198	462	2.467	ng	# 1
67) 4-Bromophenyl-phenylether	16.357	248	12343	3.636	ng	# 1
80) Butylbenzylphthalate	20.893	149	823	3.458	ng	# 82

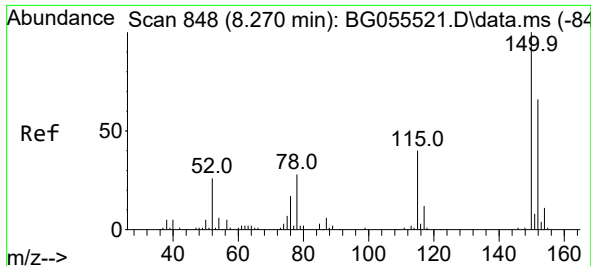
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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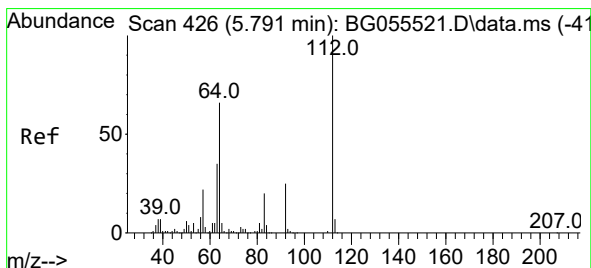
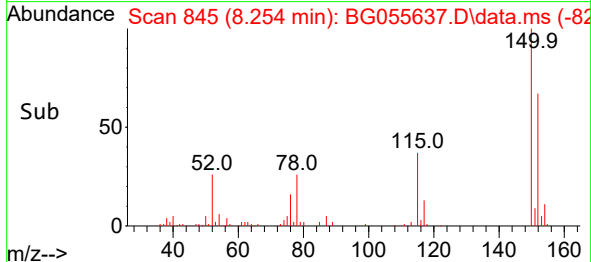
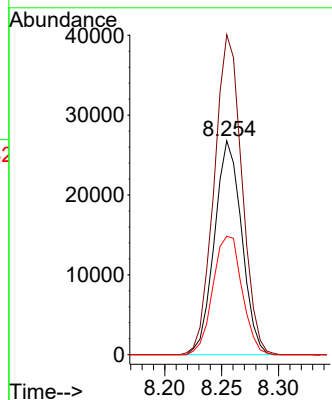
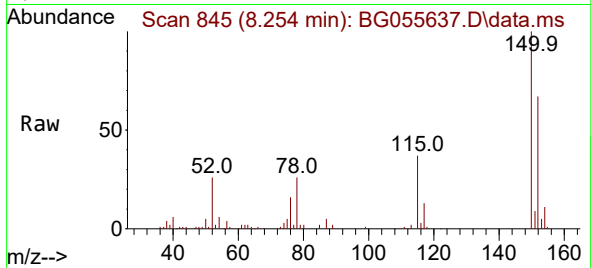




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.254 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

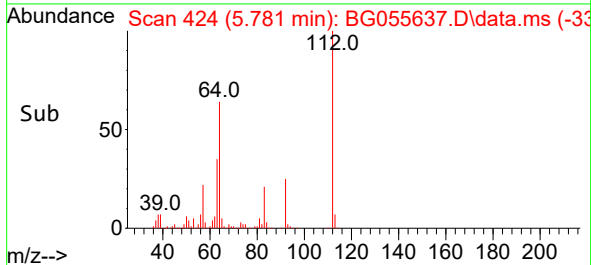
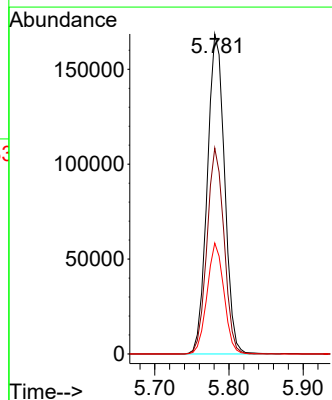
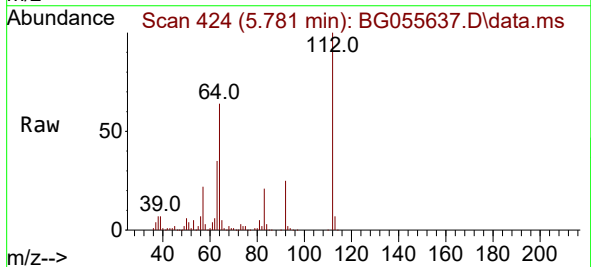
Instrument :
BNA_G
ClientSampleId :
NP-1

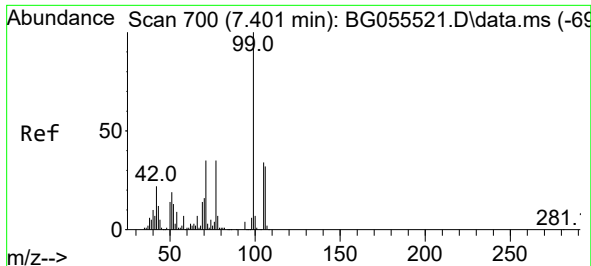
Tgt Ion:152 Resp: 44592
Ion Ratio Lower Upper
152 100
150 149.6 121.0 181.4
115 55.3 47.8 71.8



#5
2-Fluorophenol
Concen: 116.615 ng
RT: 5.781 min Scan# 424
Delta R.T. -0.000 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Tgt Ion:112 Resp: 273010
Ion Ratio Lower Upper
112 100
64 64.3 52.6 78.8
63 34.6 28.3 42.5

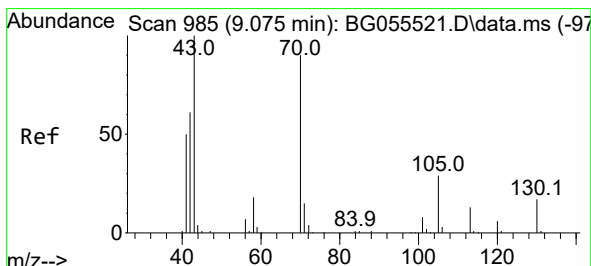
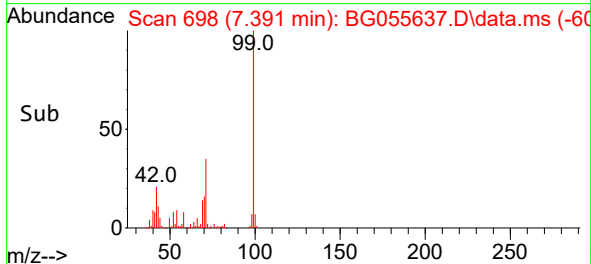
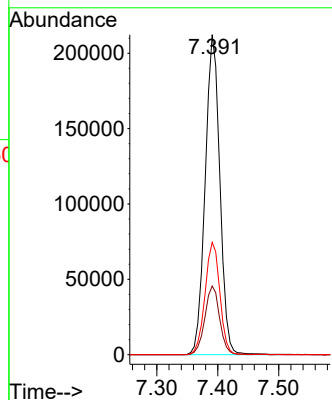
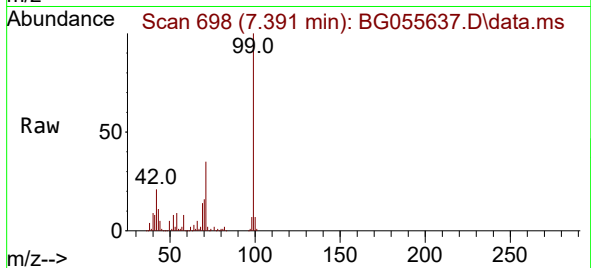




#7
Phenol-d6
Concen: 109.827 ng
RT: 7.391 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

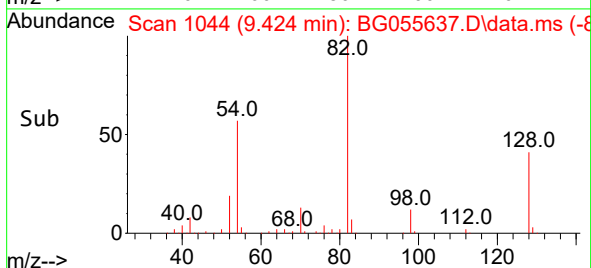
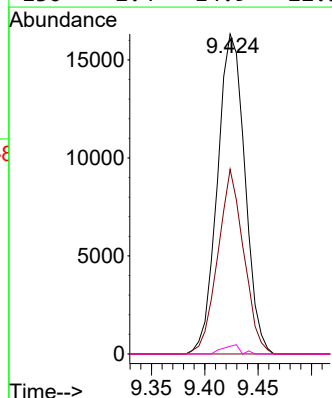
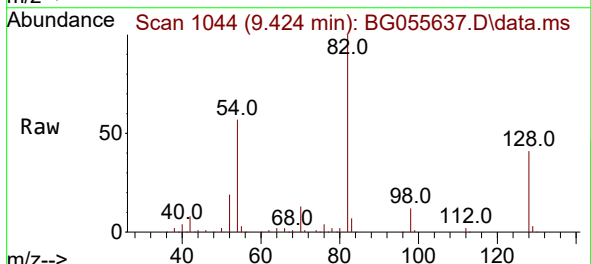
Instrument :
BNA_G
ClientSampleId :
NP-1

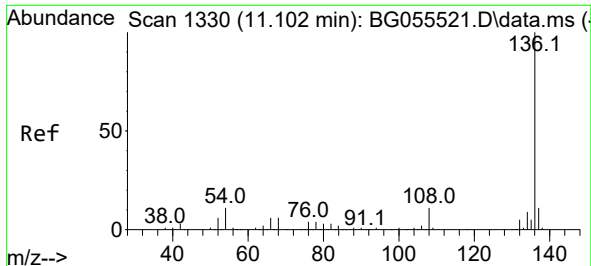
Tgt Ion: 99 Resp: 355165
Ion Ratio Lower Upper
99 100
42 21.5 17.5 26.3
71 35.1 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.935 ng
RT: 9.424 min Scan# 1044
Delta R.T. 0.358 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Tgt Ion: 70 Resp: 29224
Ion Ratio Lower Upper
70 100
42 57.7 54.8 82.2
101 0.0 6.8 10.2#
130 2.4 14.9 22.3#

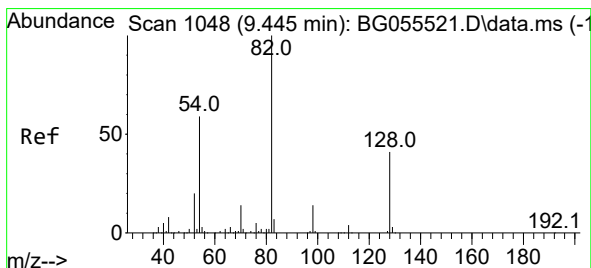
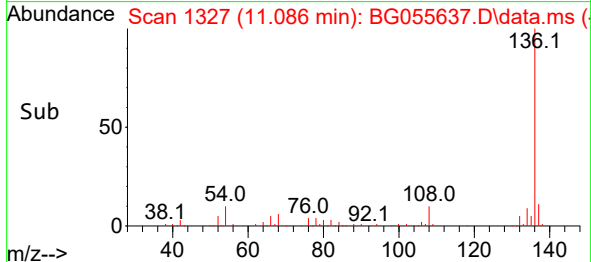
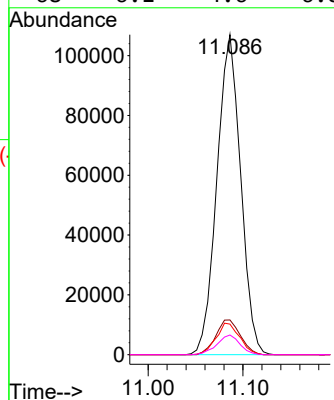
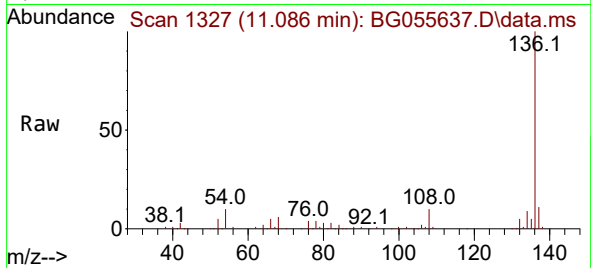




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

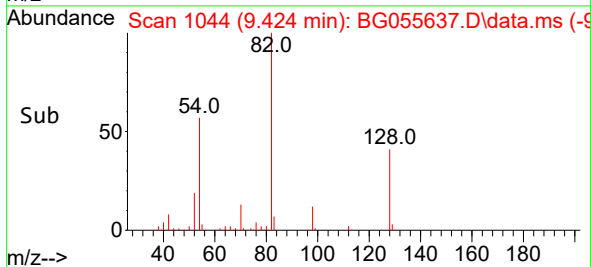
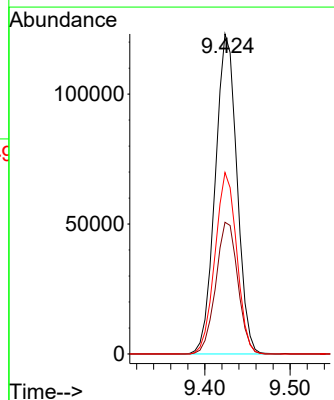
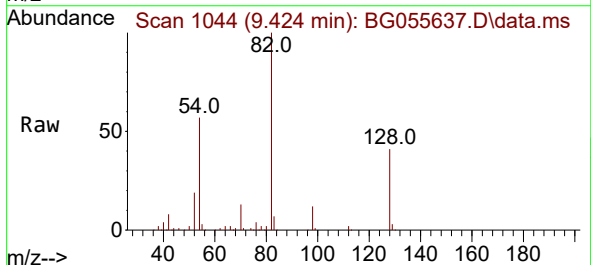
Instrument :
BNA_G
ClientSampleId :
NP-1

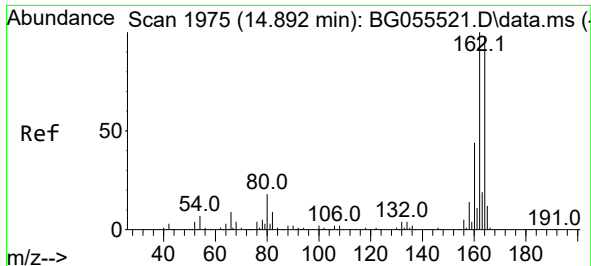
Tgt Ion:	136	Resp:	186220
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	9.5	8.6	12.8
68	6.1	4.6	6.8



#23
Nitrobenzene-d5
Concen: 79.316 ng
RT: 9.424 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Tgt Ion:	82	Resp:	217877
Ion Ratio	Lower	Upper	
82	100		
128	41.2	32.6	49.0
54	56.7	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.876 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BG055637.D

Acq: 16 Nov 2022 1:16

Instrument :

BNA_G

ClientSampleId :

NP-1

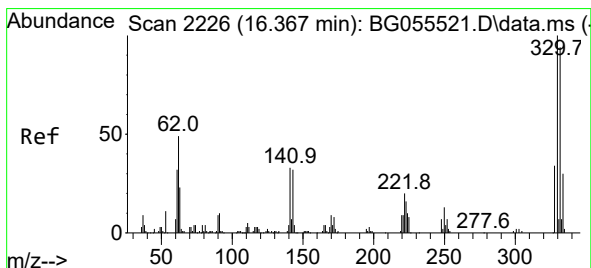
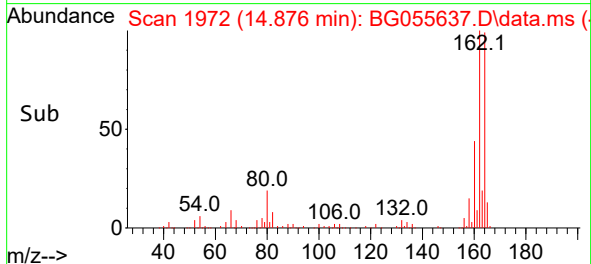
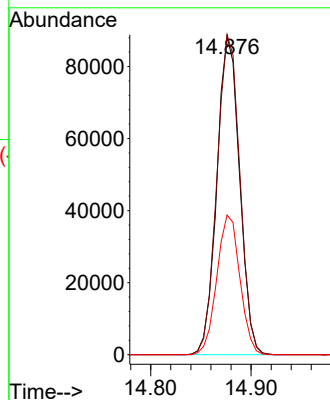
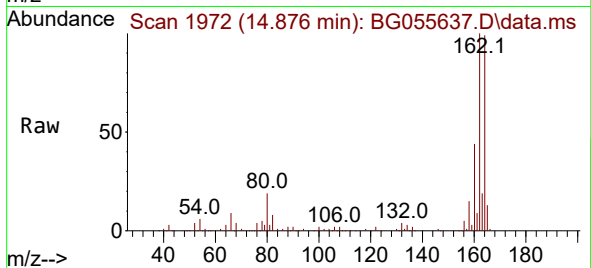
Tgt Ion:164 Resp: 138611

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

160 43.9 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 139.719 ng

RT: 16.357 min Scan# 2224

Delta R.T. -0.006 min

Lab File: BG055637.D

Acq: 16 Nov 2022 1:16

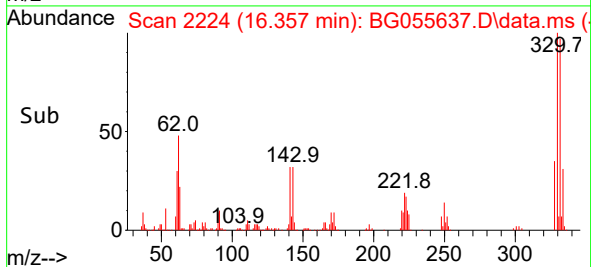
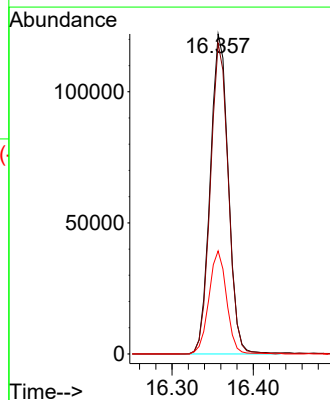
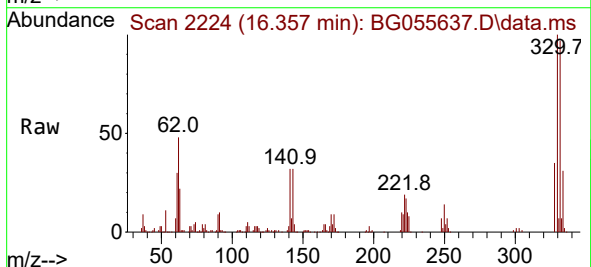
Tgt Ion:330 Resp: 188960

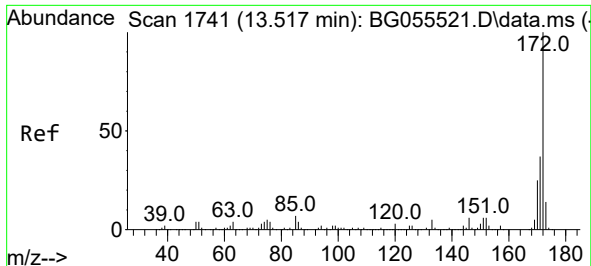
Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

141 31.4 25.4 38.2

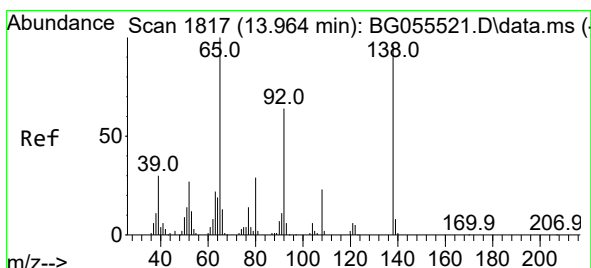
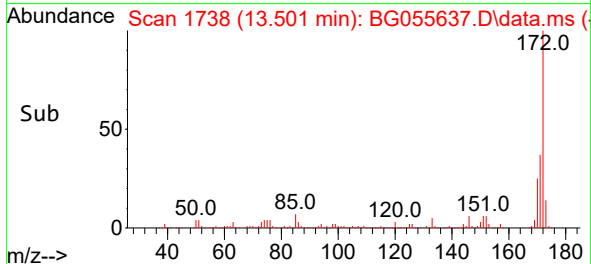
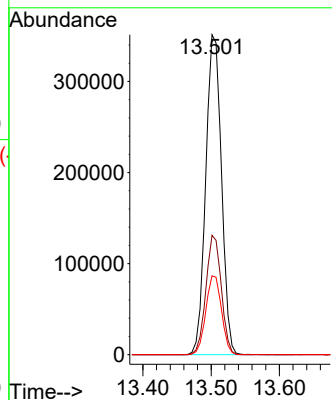
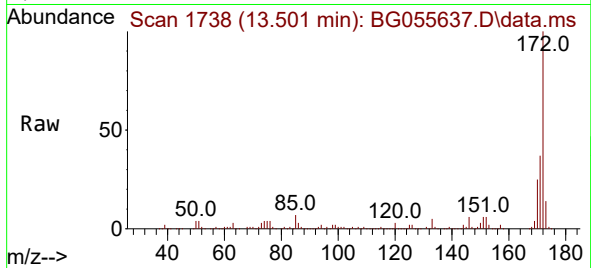




#45
2-Fluorobiphenyl
Concen: 61.234 ng
RT: 13.501 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

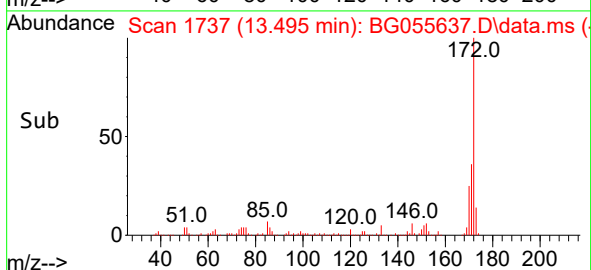
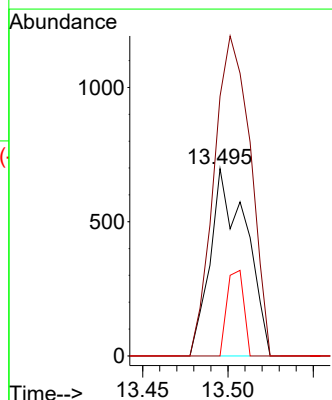
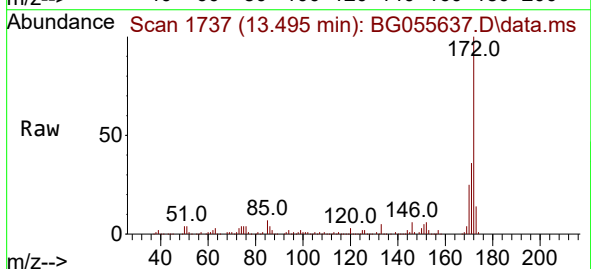
Instrument :
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ClientSampleId :
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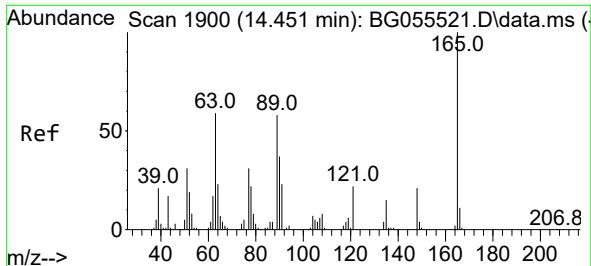
Tgt Ion:172 Resp: 562700
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 24.6 19.8 29.6



#48
2-Nitroaniline
Concen: 4.252 ng
RT: 13.495 min Scan# 1737
Delta R.T. -0.465 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Tgt Ion: 65 Resp: 1018
Ion Ratio Lower Upper
65 100
92 138.5 51.6 77.4#
138 0.0 77.0 115.4#

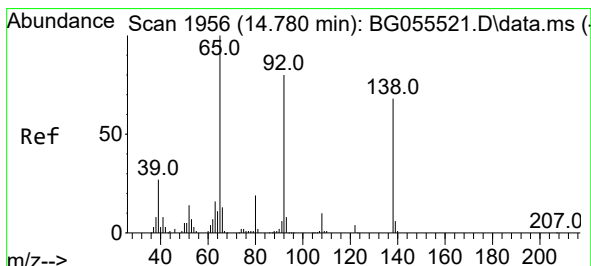
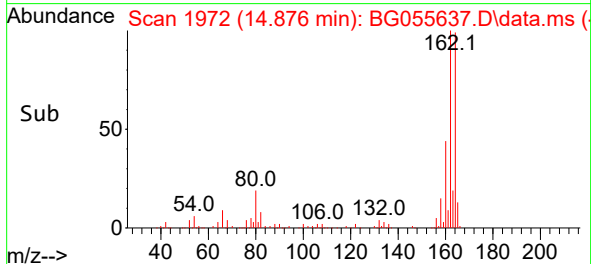
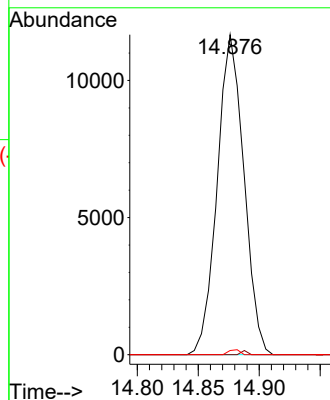
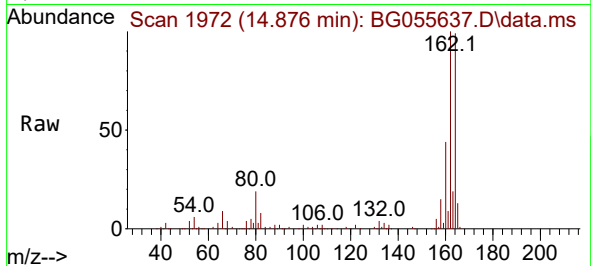




#51
2,6-Dinitrotoluene
Concen: 12.127 ng
RT: 14.876 min Scan# 1900
Delta R.T. 0.429 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

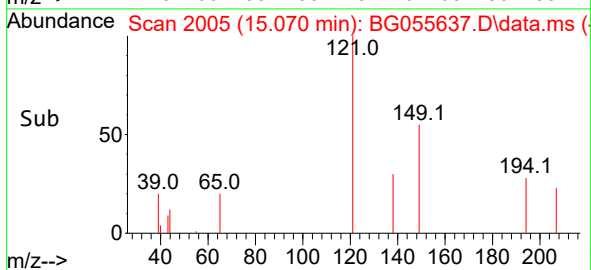
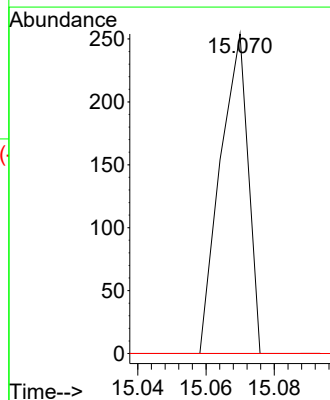
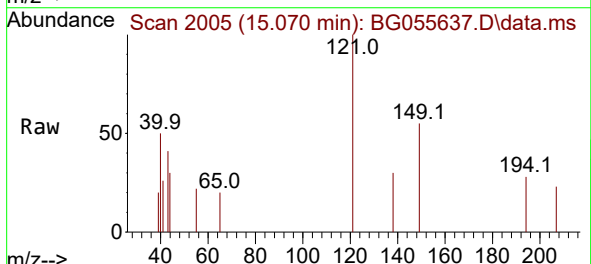
Instrument :
BNA_G
ClientSampleId :
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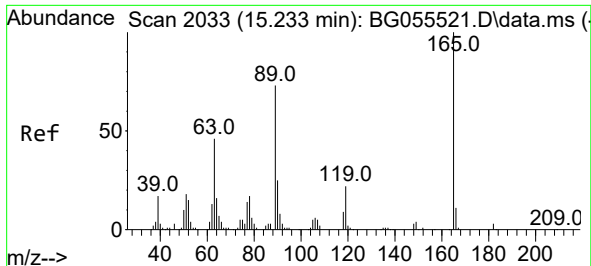
Tgt Ion:165 Resp: 17785
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.3 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.838 ng
RT: 15.070 min Scan# 2005
Delta R.T. 0.293 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Tgt Ion:138 Resp: 144
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#





#57

2,4-Dinitrotoluene

Concen: 10.346 ng

RT: 14.876 min Scan# 14

Delta R.T. -0.353 min

Lab File: BG055637.D

Acq: 16 Nov 2022 1:16

Instrument :

BNA_G

ClientSampleId :

NP-1

Tgt Ion:165 Resp: 17785

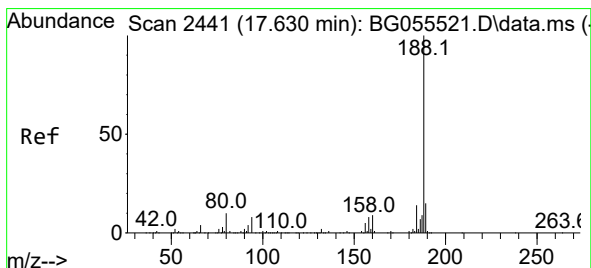
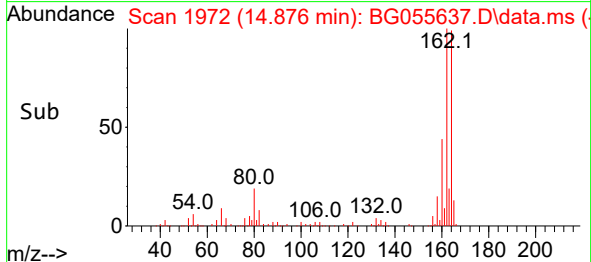
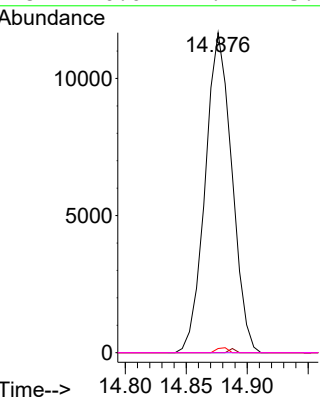
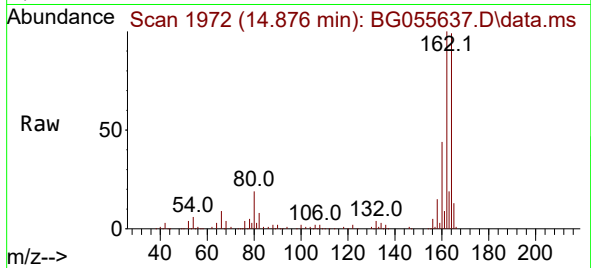
Ion Ratio Lower Upper

165 100

63 0.0 37.0 55.4#

89 1.3 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.620 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BG055637.D

Acq: 16 Nov 2022 1:16

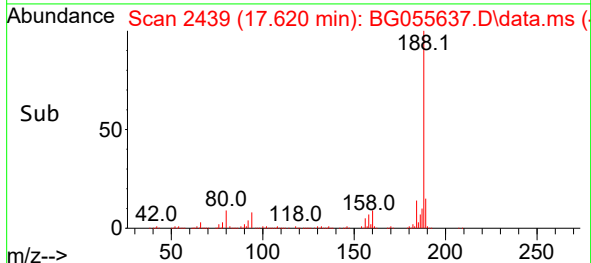
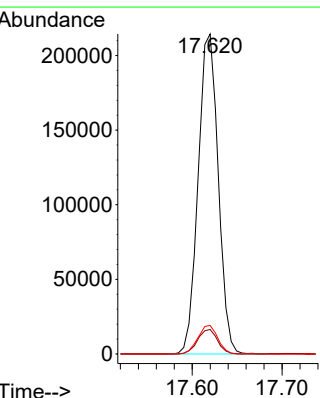
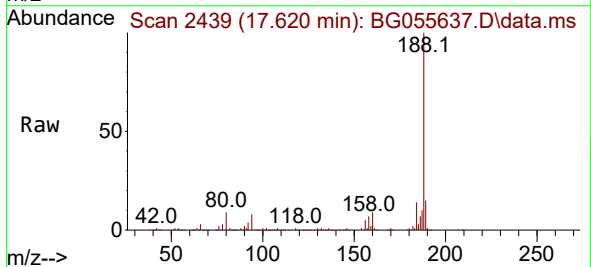
Tgt Ion:188 Resp: 332749

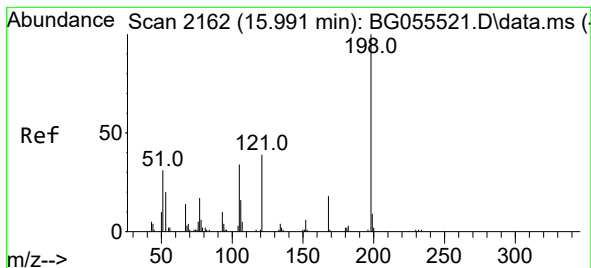
Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 8.9 7.6 11.4

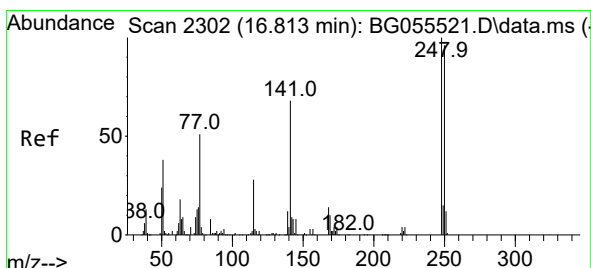
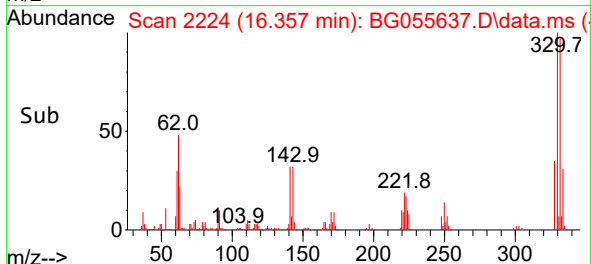
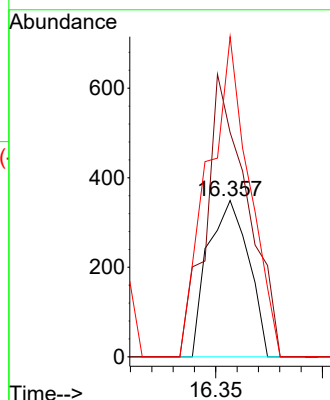
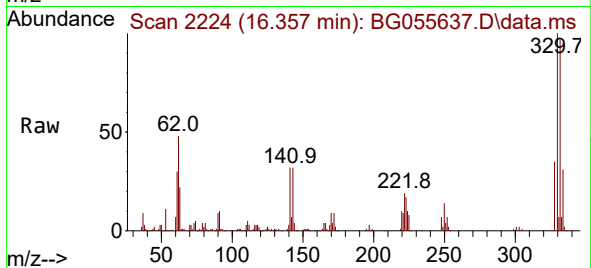




#65
4,6-Dinitro-2-methylphenol
Concen: 2.467 ng
RT: 16.357 min Scan# 2162
Delta R.T. 0.364 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

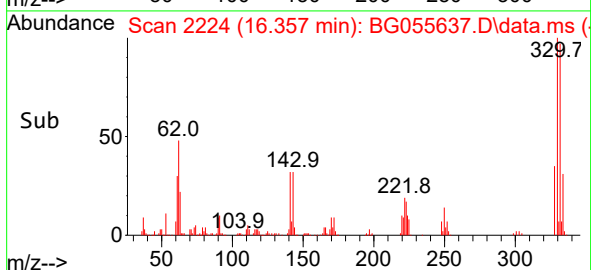
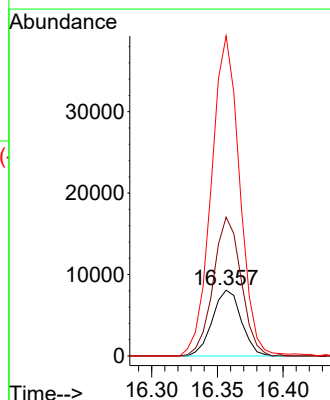
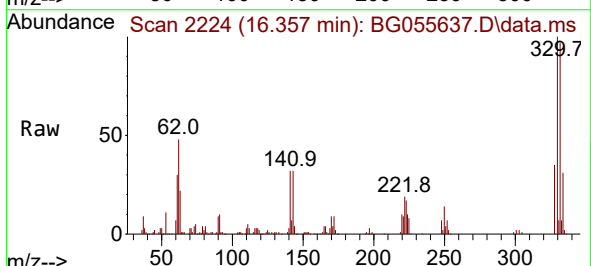
Instrument :
BNA_G
ClientSampleId :
NP-1

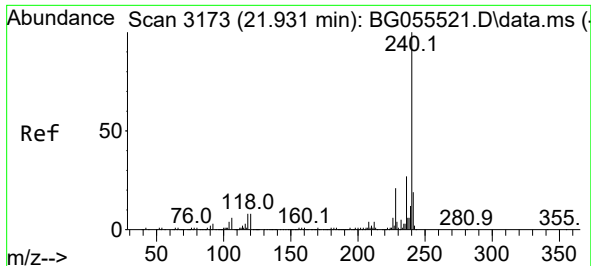
Tgt Ion:198 Resp: 462
Ion Ratio Lower Upper
198 100
51 143.6 24.7 64.7#
105 204.9 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 3.636 ng
RT: 16.357 min Scan# 2224
Delta R.T. -0.447 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Tgt Ion:248 Resp: 12343
Ion Ratio Lower Upper
248 100
250 211.0 76.9 115.3#
141 487.0 54.3 81.5#

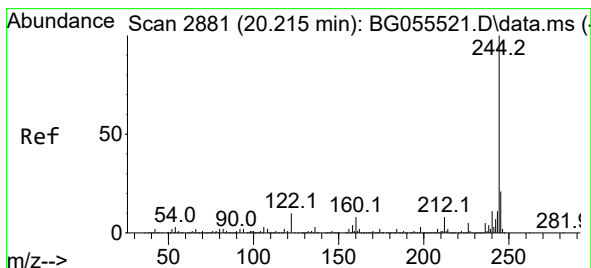
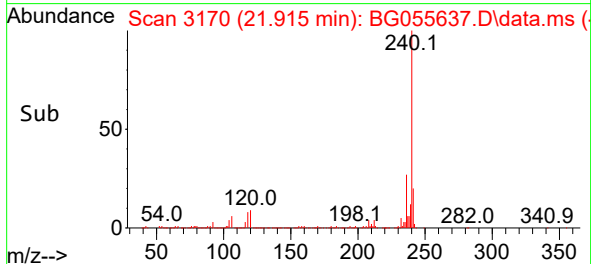
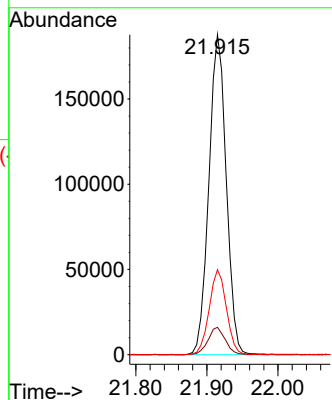
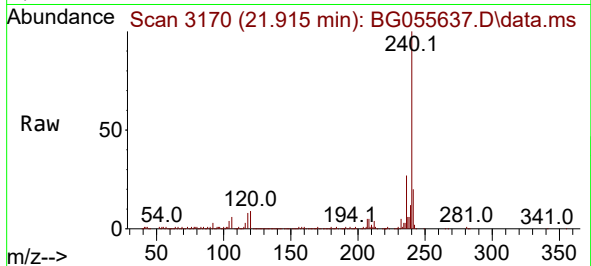




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

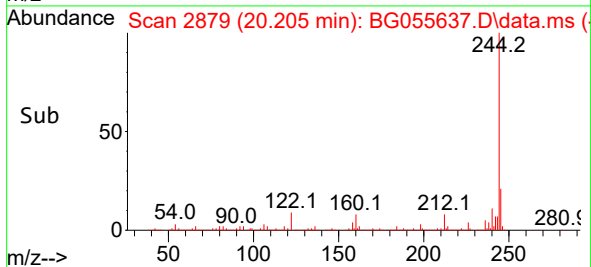
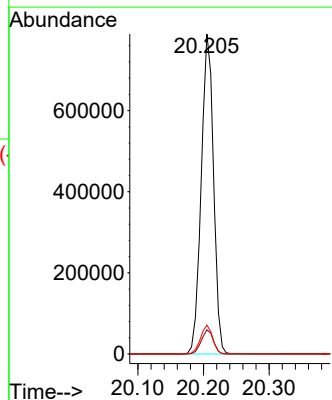
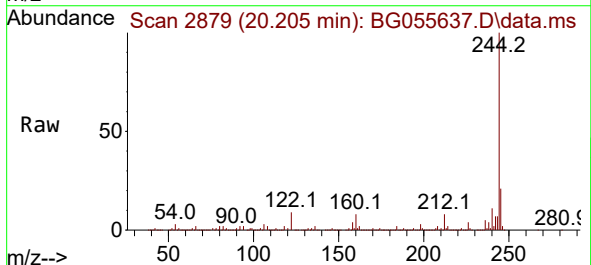
Instrument :
BNA_G
ClientSampleId :
NP-1

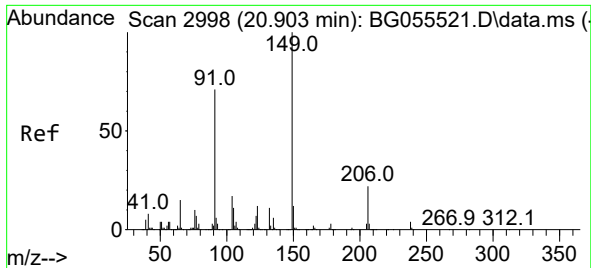
Tgt Ion:240 Resp: 318388
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 26.5 21.4 32.0



#79
Terphenyl-d14
Concen: 65.053 ng
RT: 20.205 min Scan# 2879
Delta R.T. -0.006 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Tgt Ion:244 Resp: 1031200
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 9.0 7.7 11.5

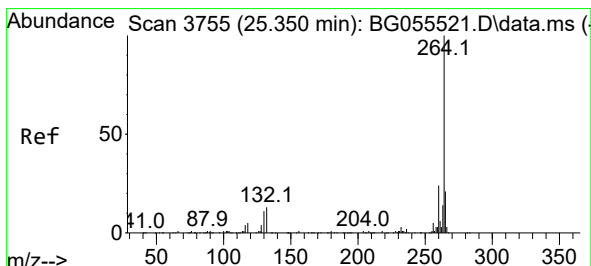
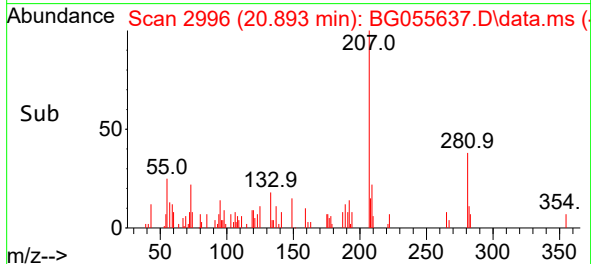
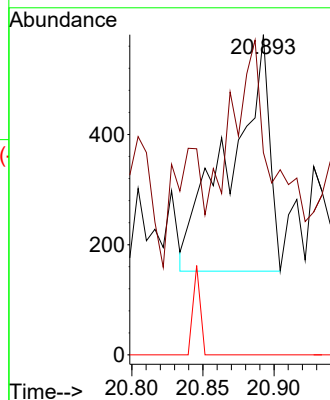
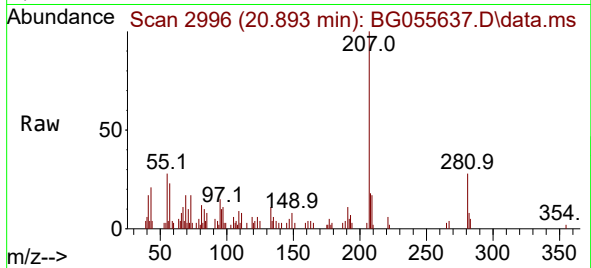




#80
Butylbenzylphthalate
Concen: 3.458 ng
RT: 20.893 min Scan# 2996
Delta R.T. -0.000 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Instrument :
BNA_G
ClientSampleId :
NP-1

Tgt Ion:149 Resp: 823
Ion Ratio Lower Upper
149 100
91 63.2 56.8 85.2
206 0.0 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.329 min Scan# 3751
Delta R.T. -0.006 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Tgt Ion:264 Resp: 337206
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.7 17.1 25.7

