

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055552.D
 Acq On : 10 Nov 2022 23:43
 Operator : CG/JU
 Sample : N5476-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RED-006-6

Quant Time: Nov 11 02:04:23 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)

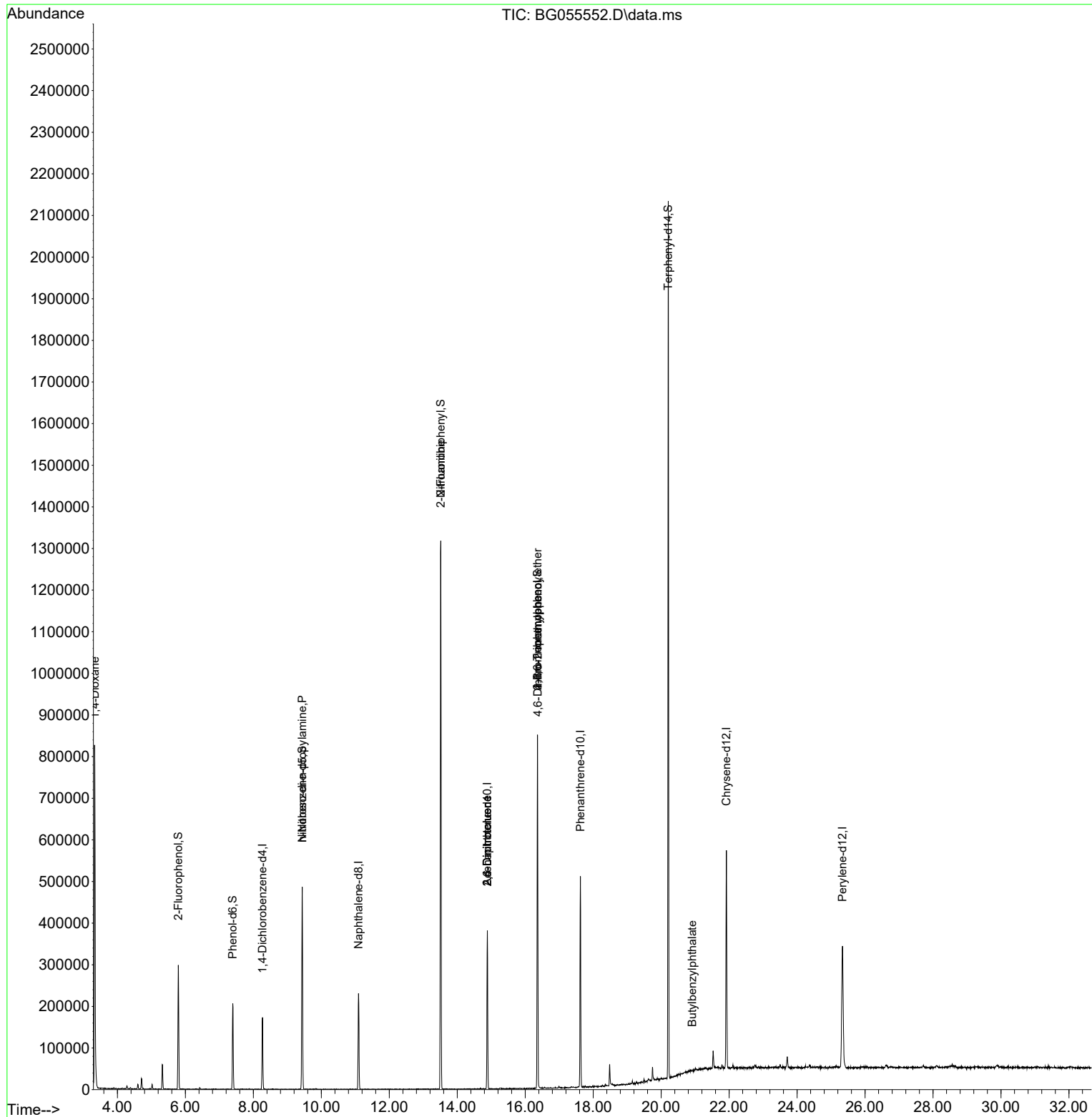
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	47125	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	193543	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	135454	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	315853	20.000	ng	0.00
76) Chrysene-d12	21.919	240	326618	20.000	ng	-0.01
86) Perylene-d12	25.339	264	339425	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	129090	52.176	ng	0.00
7) Phenol-d6	7.395	99	111873	32.735	ng	0.00
23) Nitrobenzene-d5	9.440	82	276463	96.836	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	163914	124.024	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	694217	77.307	ng	0.00
79) Terphenyl-d14	20.209	244	1025064	63.037	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	7095	5.646	ng	# 1
19) n-Nitroso-di-n-propyla...	9.440	70	37052	13.119	ng	# 78
48) 2-Nitroaniline	13.511	65	1409	4.445	ng	# 1
51) 2,6-Dinitrotoluene	14.886	165	17868	12.379	ng	# 21
57) 2,4-Dinitrotoluene	14.886	165	17868	10.535	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.367	198	416	2.437	ng	# 1
67) 4-Bromophenyl-phenylether	16.361	248	10539	3.271	ng	# 1
80) Butylbenzylphthalate	20.914	149	222	3.389	ng	# 81

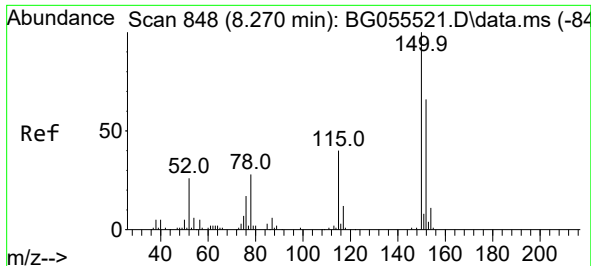
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
Data File : BG055552.D
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Misc :
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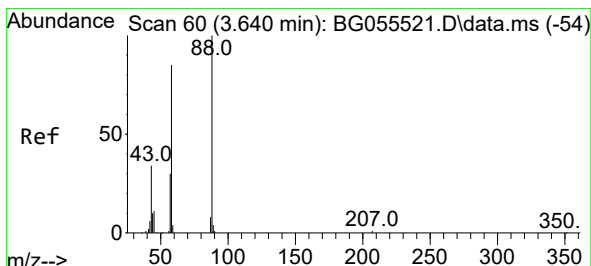
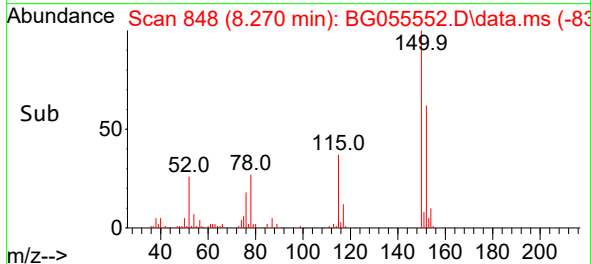
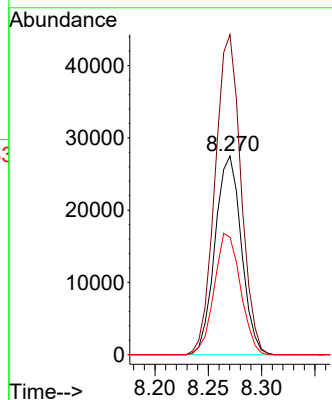
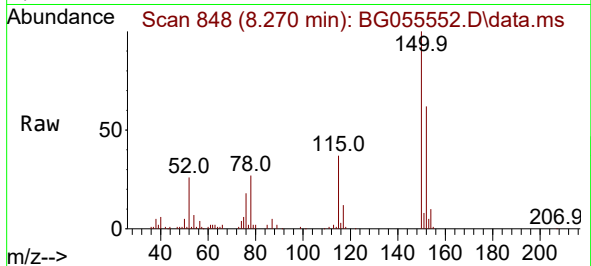




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.270 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BG05552.D
 Acq: 10 Nov 2022 23:43

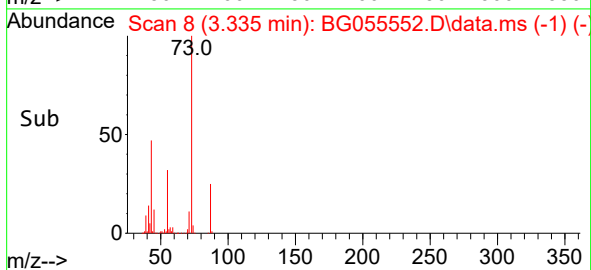
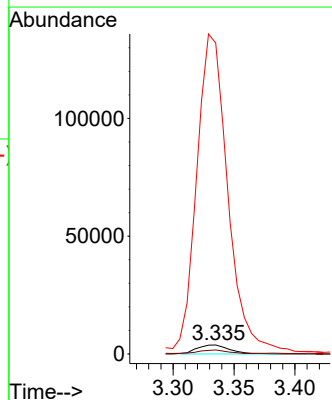
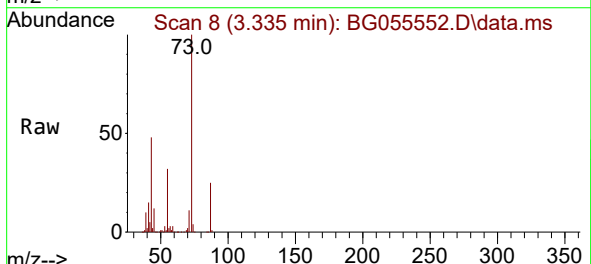
Instrument :
 BNA_G
 ClientSampleId :
 RED-006-6

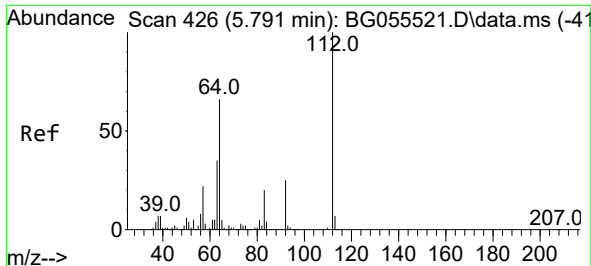
Tgt Ion:152 Resp: 47125
 Ion Ratio Lower Upper
 152 100
 150 161.1 121.0 181.4
 115 59.1 47.8 71.8



#2
 1,4-Dioxane
 Concen: 5.646 ng
 RT: 3.335 min Scan# 8
 Delta R.T. -0.305 min
 Lab File: BG05552.D
 Acq: 10 Nov 2022 23:43

Tgt Ion: 88 Resp: 7095
 Ion Ratio Lower Upper
 88 100
 58 31.3 68.9 103.3#
 43 3383.8 27.1 40.7#

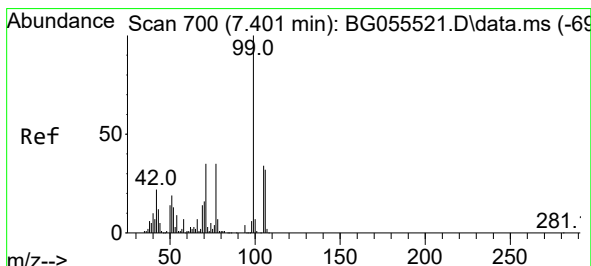
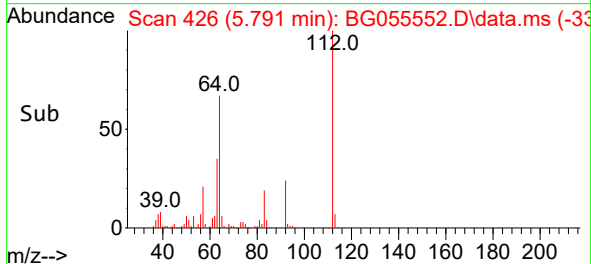
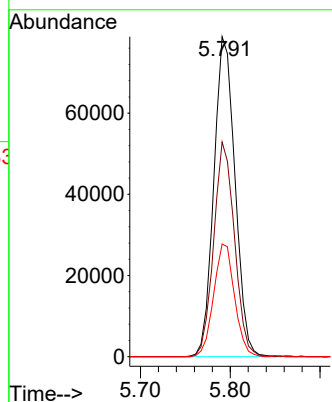
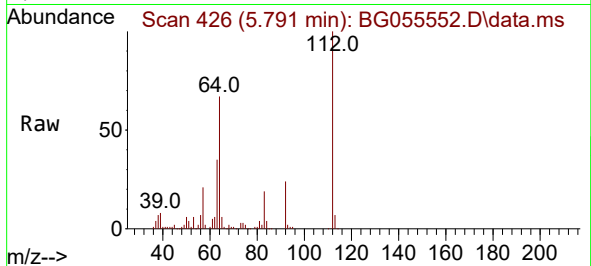




#5
2-Fluorophenol
Concen: 52.176 ng
RT: 5.791 min Scan# 41
Delta R.T. -0.000 min
Lab File: BG055552.D
Acq: 10 Nov 2022 23:43

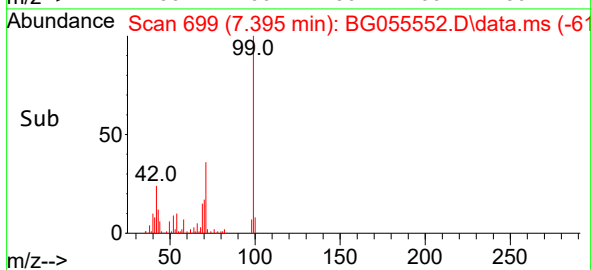
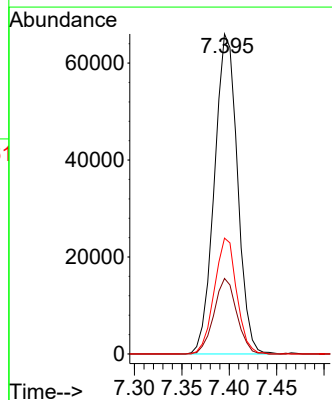
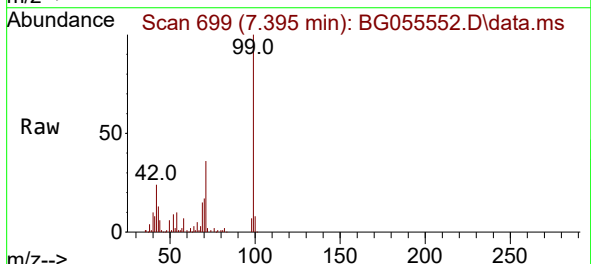
Instrument :
BNA_G
ClientSampleId :
RED-006-6

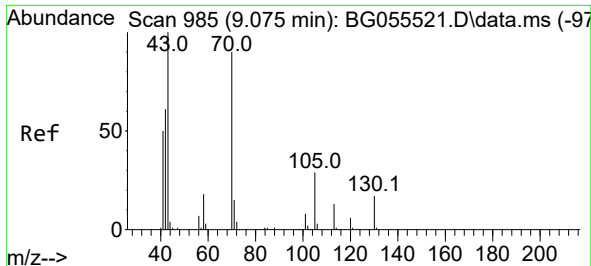
Tgt Ion:112 Resp: 129090
Ion Ratio Lower Upper
112 100
64 67.1 52.6 78.8
63 35.2 28.3 42.5



#7
Phenol-d6
Concen: 32.735 ng
RT: 7.395 min Scan# 699
Delta R.T. -0.006 min
Lab File: BG055552.D
Acq: 10 Nov 2022 23:43

Tgt Ion: 99 Resp: 111873
Ion Ratio Lower Upper
99 100
42 23.6 17.5 26.3
71 36.2 28.3 42.5

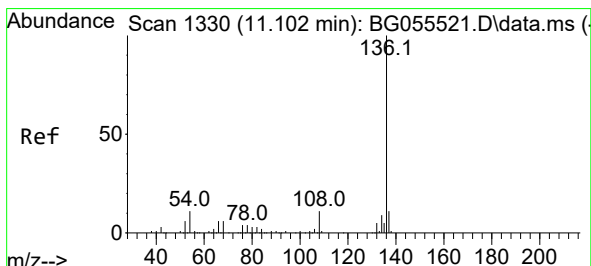
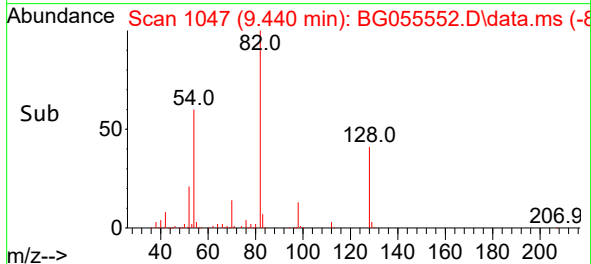
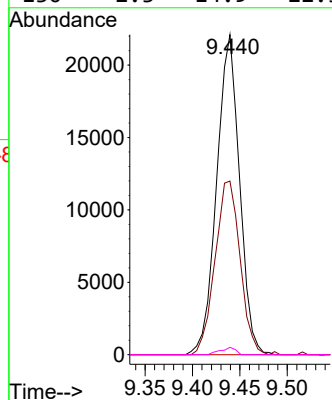
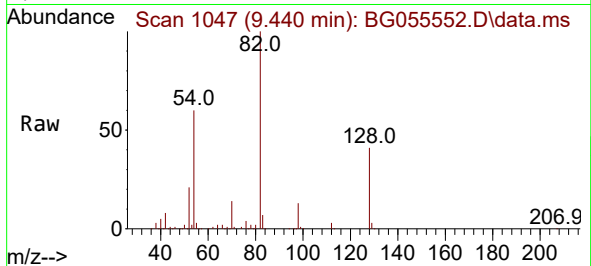




#19
n-Nitroso-di-n-propylamine
Concen: 13.119 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055552.D
Acq: 10 Nov 2022 23:43

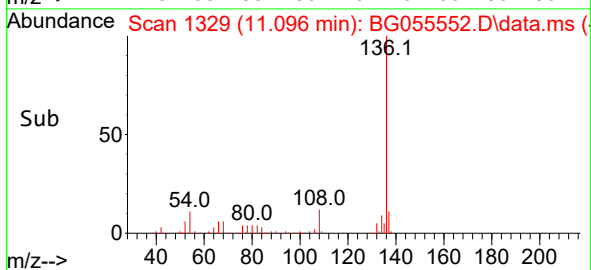
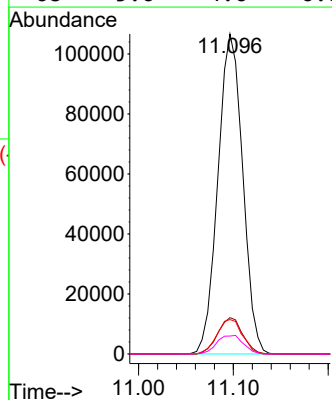
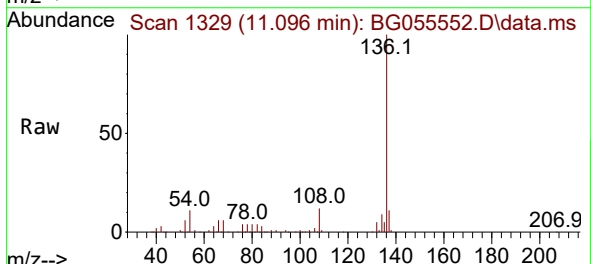
Instrument :
BNA_G
ClientSampleId :
RED-006-6

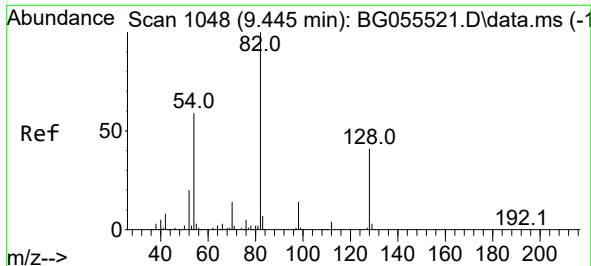
Tgt Ion:	70	Resp:	37052
Ion	Ratio	Lower	Upper
70	100		
42	54.2	54.8	82.2#
101	0.0	6.8	10.2#
130	2.3	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BG055552.D
Acq: 10 Nov 2022 23:43

Tgt Ion:	136	Resp:	193543
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	10.7	8.6	12.8
68	5.6	4.6	6.8

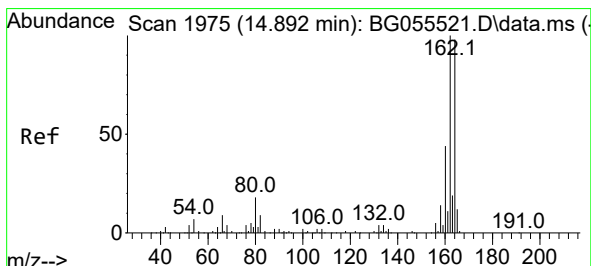
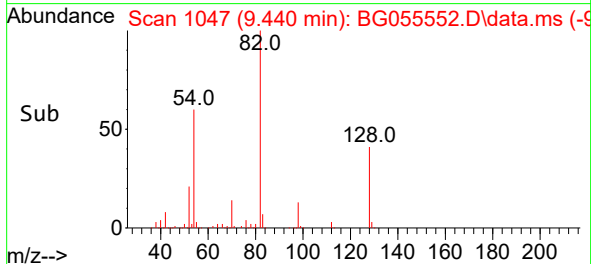
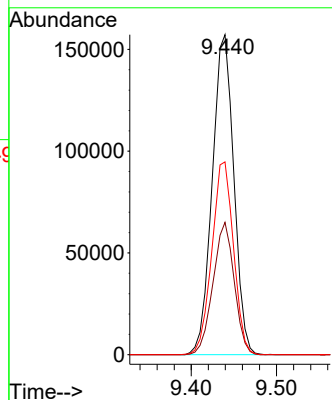
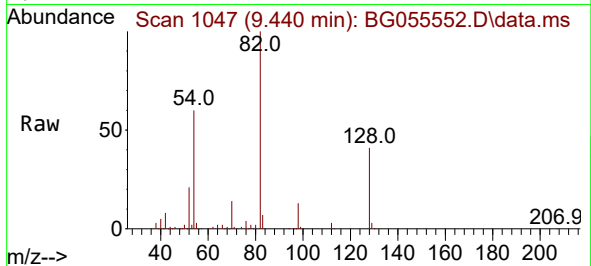




#23
Nitrobenzene-d5
Concen: 96.836 ng
RT: 9.440 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG05552.D
Acq: 10 Nov 2022 23:43

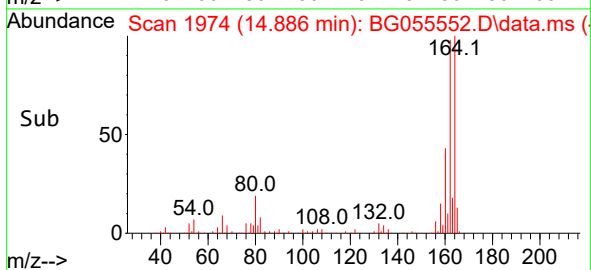
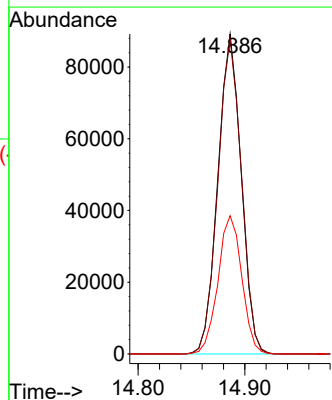
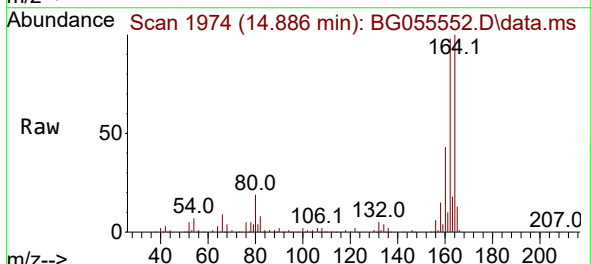
Instrument :
BNA_G
ClientSampleId :
RED-006-6

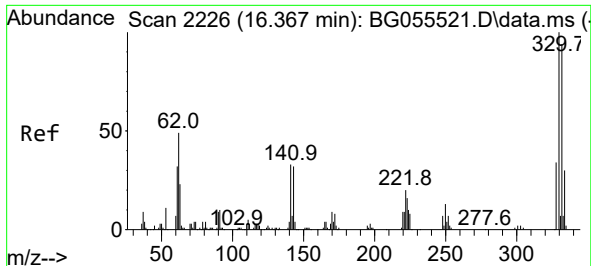
Tgt Ion: 82 Resp: 276463
Ion Ratio Lower Upper
82 100
128 41.3 32.6 49.0
54 60.3 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG05552.D
Acq: 10 Nov 2022 23:43

Tgt Ion:164 Resp: 135454
Ion Ratio Lower Upper
164 100
162 98.4 81.3 121.9
160 43.2 35.9 53.9

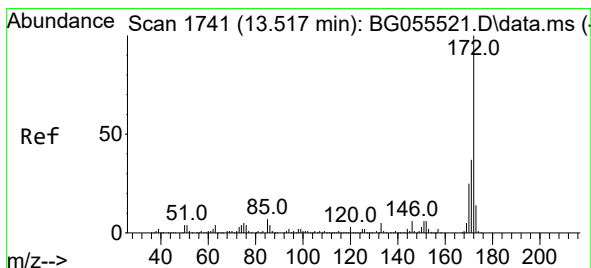
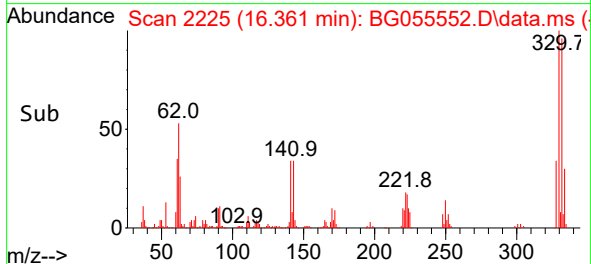
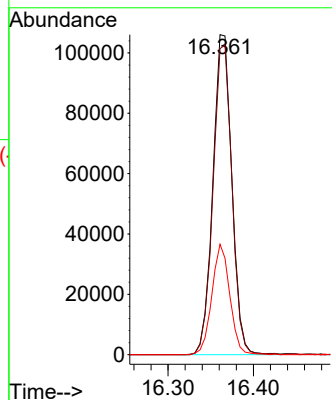
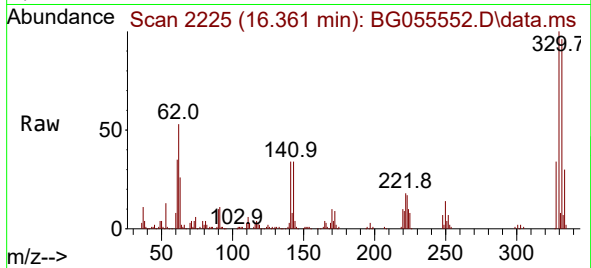




#42
2,4,6-Tribromophenol
Concen: 124.024 ng
RT: 16.361 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055552.D
Acq: 10 Nov 2022 23:43

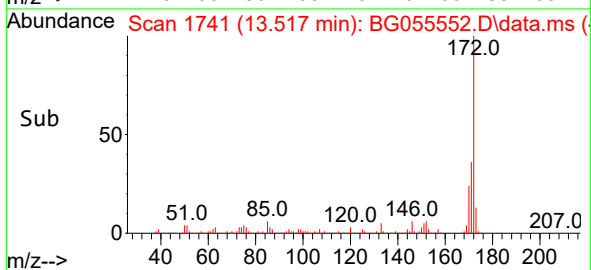
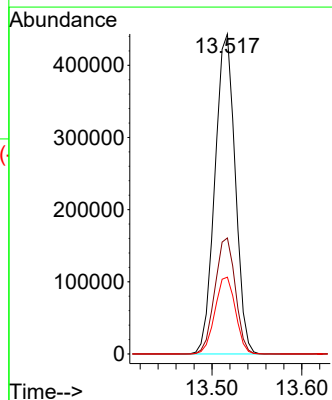
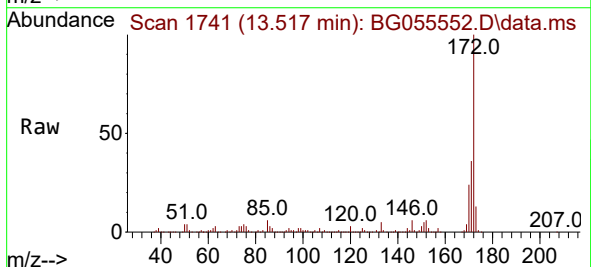
Instrument :
BNA_G
ClientSampleId :
RED-006-6

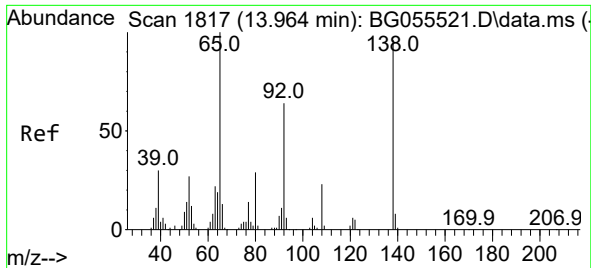
Tgt Ion:330 Resp: 163914
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 32.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 77.307 ng
RT: 13.517 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG055552.D
Acq: 10 Nov 2022 23:43

Tgt Ion:172 Resp: 694217
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.0 19.8 29.6

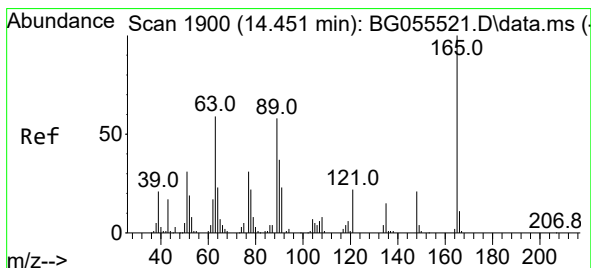
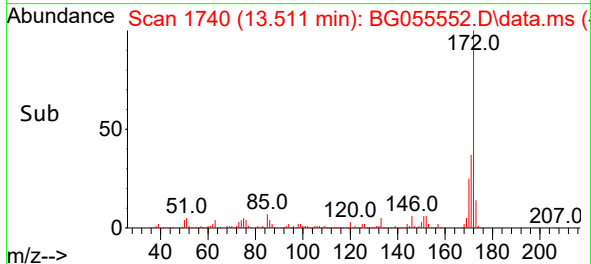
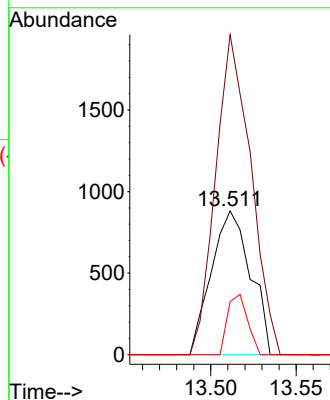
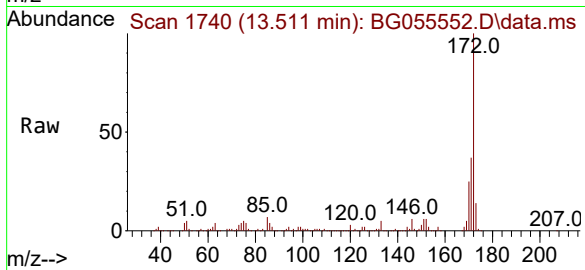




#48
2-Nitroaniline
Concen: 4.445 ng
RT: 13.511 min Scan# 11
Delta R.T. -0.453 min
Lab File: BG055552.D
Acq: 10 Nov 2022 23:43

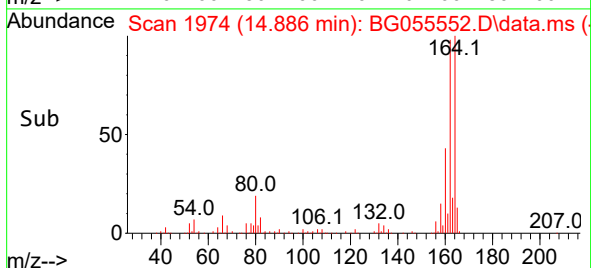
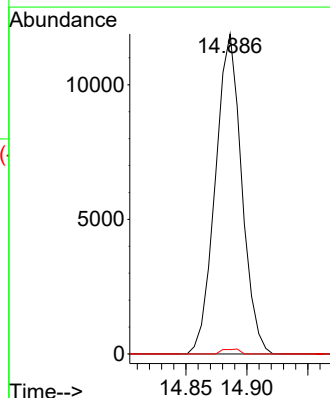
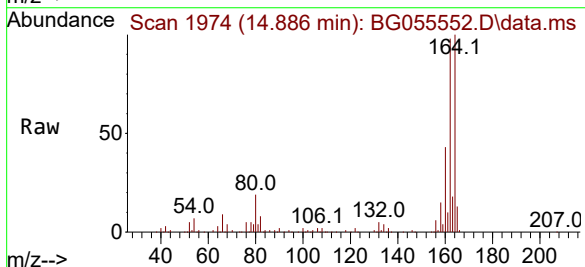
Instrument :
BNA_G
ClientSampleId :
RED-006-6

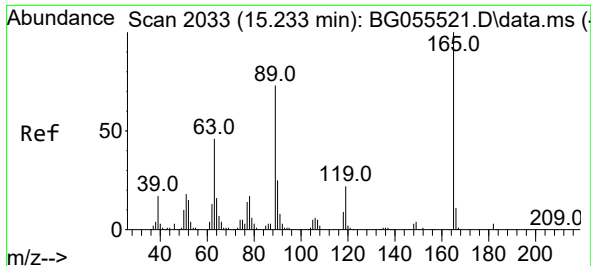
Tgt Ion: 65 Resp: 1409
Ion Ratio Lower Upper
65 100
92 222.7 51.6 77.4#
138 37.0 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.379 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.435 min
Lab File: BG055552.D
Acq: 10 Nov 2022 23:43

Tgt Ion: 165 Resp: 17868
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.3 46.5 69.7#





#57

2,4-Dinitrotoluene

Concen: 10.535 ng

RT: 14.886 min Scan# 14

Delta R.T. -0.347 min

Lab File: BG055552.D

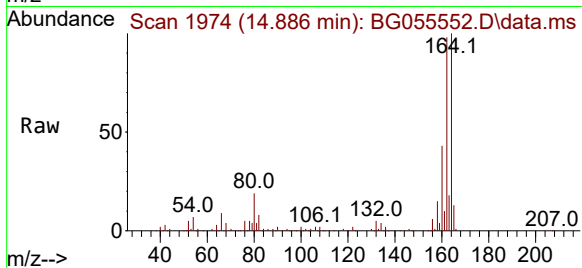
Acq: 10 Nov 2022 23:43

Instrument :

BNA_G

ClientSampleId :

RED-006-6



Tgt Ion:165 Resp: 17868

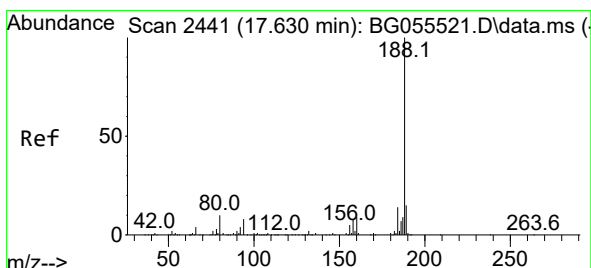
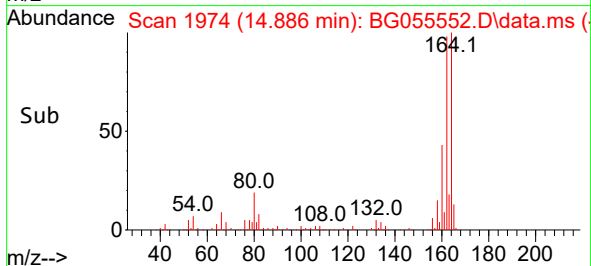
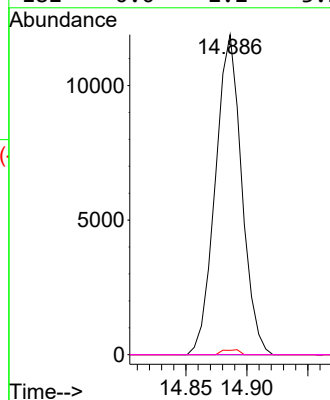
Ion Ratio Lower Upper

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: 17.624 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BG055552.D

Acq: 10 Nov 2022 23:43

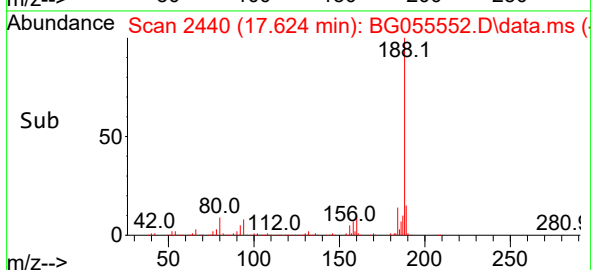
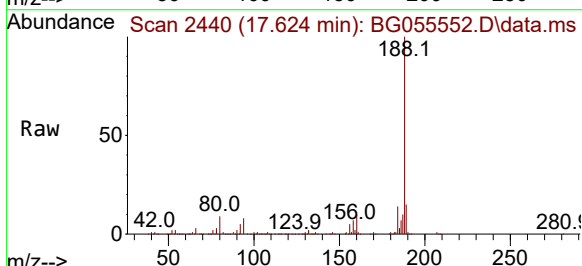
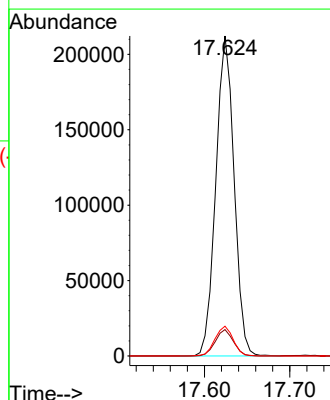
Tgt Ion:188 Resp: 315853

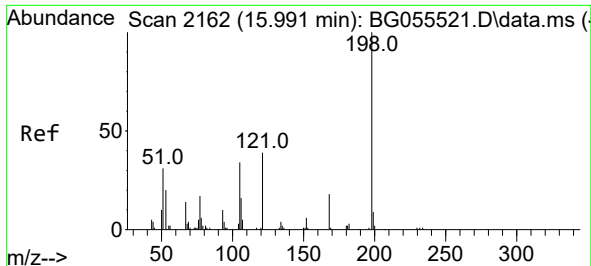
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.3 7.6 11.4

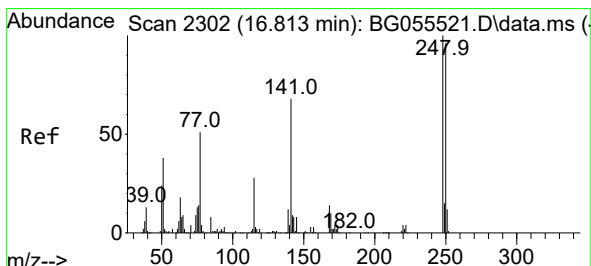
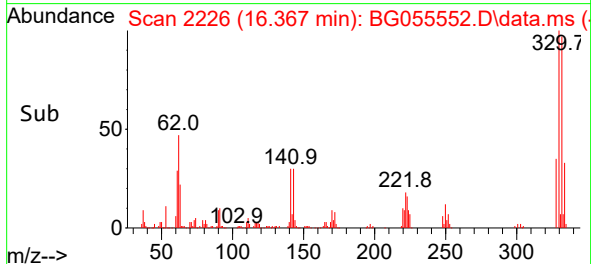
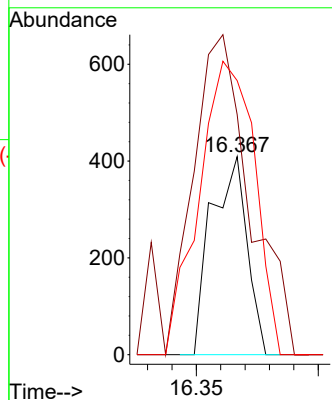
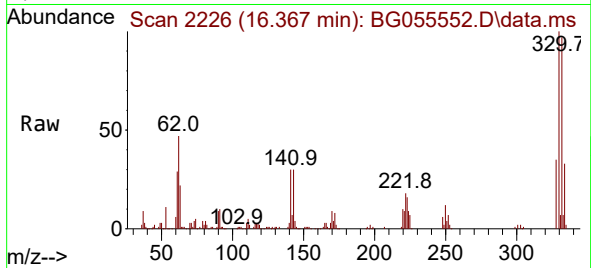




#65
4,6-Dinitro-2-methylphenol
Concen: 2.437 ng
RT: 16.367 min Scan# 2162
Delta R.T. 0.376 min
Lab File: BG05552.D
Acq: 10 Nov 2022 23:43

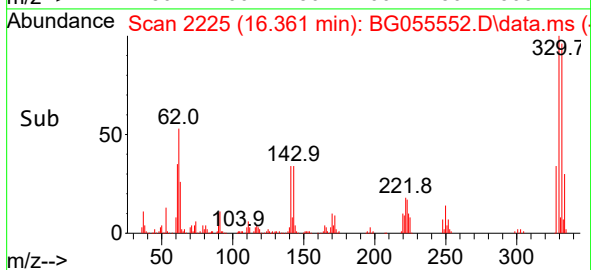
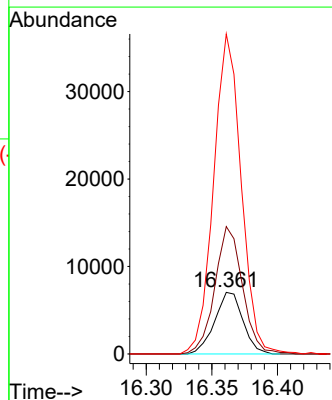
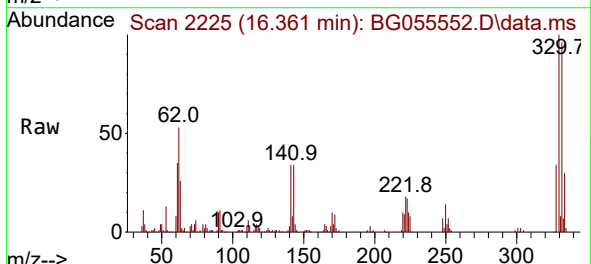
Instrument :
BNA_G
ClientSampleId :
RED-006-6

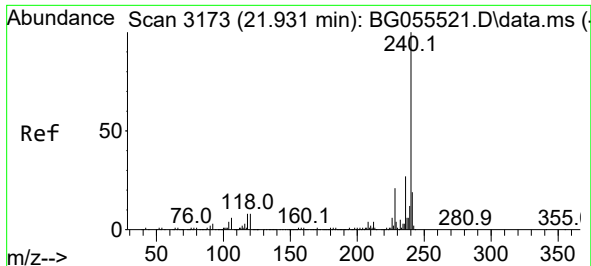
Tgt Ion:198 Resp: 416
Ion Ratio Lower Upper
198 100
51 121.3 24.7 64.7#
105 138.4 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 3.271 ng
RT: 16.361 min Scan# 2225
Delta R.T. -0.452 min
Lab File: BG05552.D
Acq: 10 Nov 2022 23:43

Tgt Ion:248 Resp: 10539
Ion Ratio Lower Upper
248 100
250 206.6 76.9 115.3#
141 519.0 54.3 81.5#

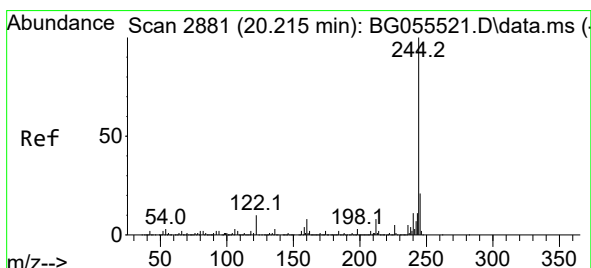
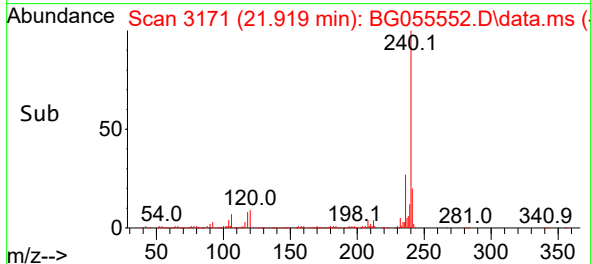
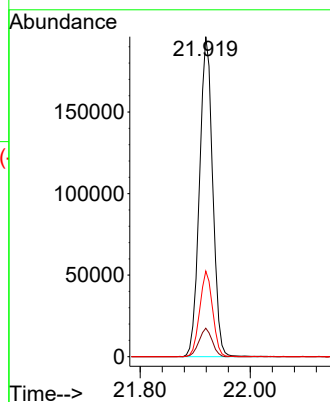
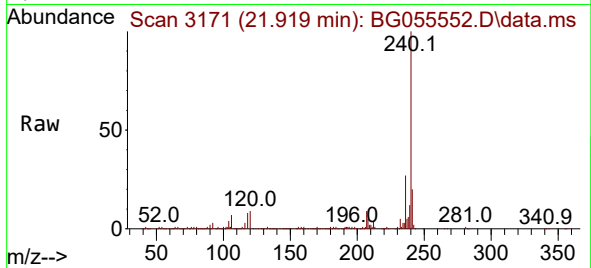




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3173
Delta R.T. -0.012 min
Lab File: BG05552.D
Acq: 10 Nov 2022 23:43

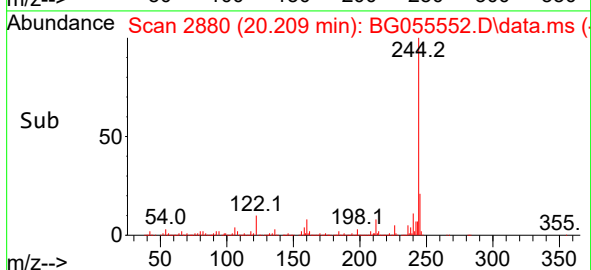
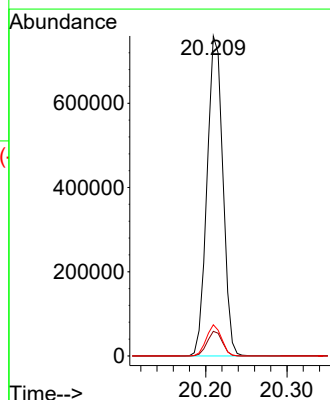
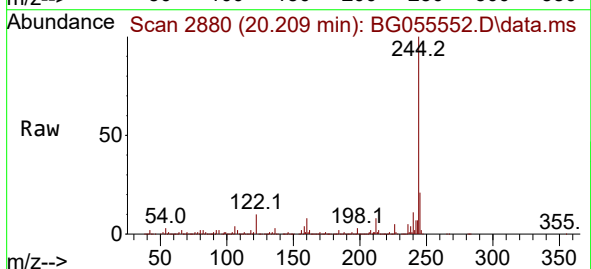
Instrument :
BNA_G
ClientSampleId :
RED-006-6

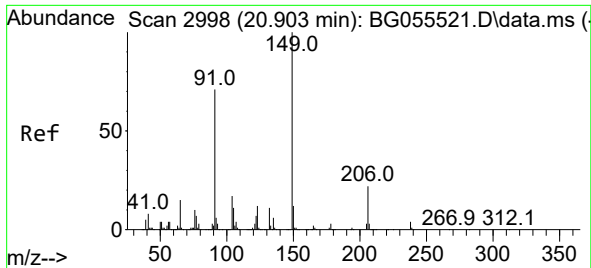
Tgt Ion:240 Resp: 326618
Ion Ratio Lower Upper
240 100
120 8.9 6.1 9.1
236 26.8 21.4 32.0



#79
Terphenyl-d14
Concen: 63.037 ng
RT: 20.209 min Scan# 2880
Delta R.T. -0.006 min
Lab File: BG05552.D
Acq: 10 Nov 2022 23:43

Tgt Ion:244 Resp: 1025064
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 9.7 7.7 11.5

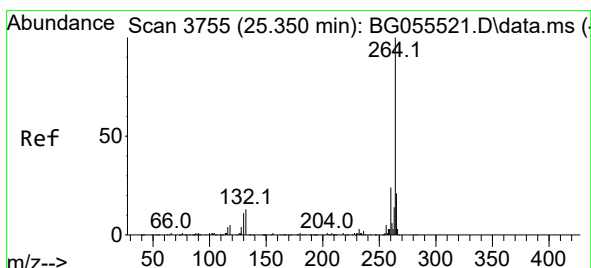
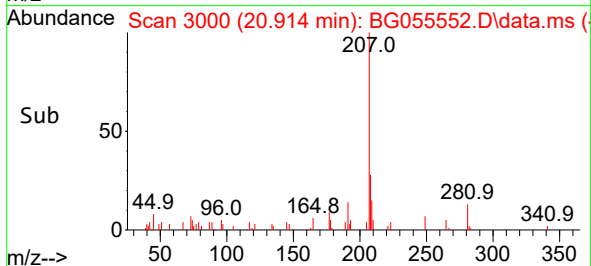
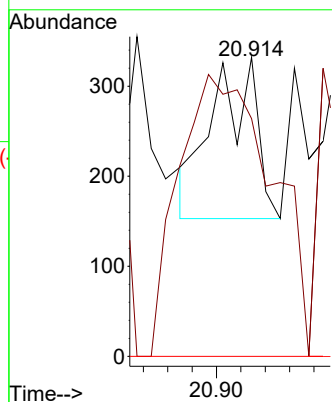
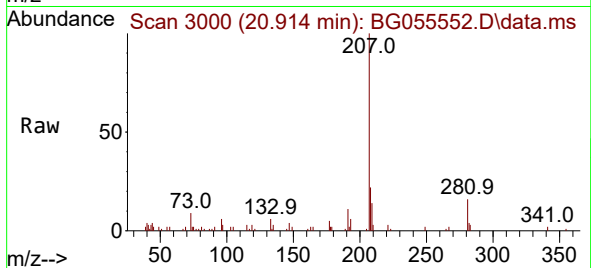




#80
Butylbenzylphthalate
Concen: 3.389 ng
RT: 20.914 min Scan# 3000
Delta R.T. 0.011 min
Lab File: BG055552.D
Acq: 10 Nov 2022 23:43

Instrument :
BNA_G
ClientSampleId :
RED-006-6

Tgt Ion:149 Resp: 222
Ion Ratio Lower Upper
149 100
91 79.5 56.8 85.2
206 0.0 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.339 min Scan# 3753
Delta R.T. -0.011 min
Lab File: BG055552.D
Acq: 10 Nov 2022 23:43

Tgt Ion:264 Resp: 339425
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 22.0 17.1 25.7

