

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055588.D
 Acq On : 12 Nov 2022 13:45
 Operator : CG/JU
 Sample : N5509-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Nov 14 03:26:21 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)

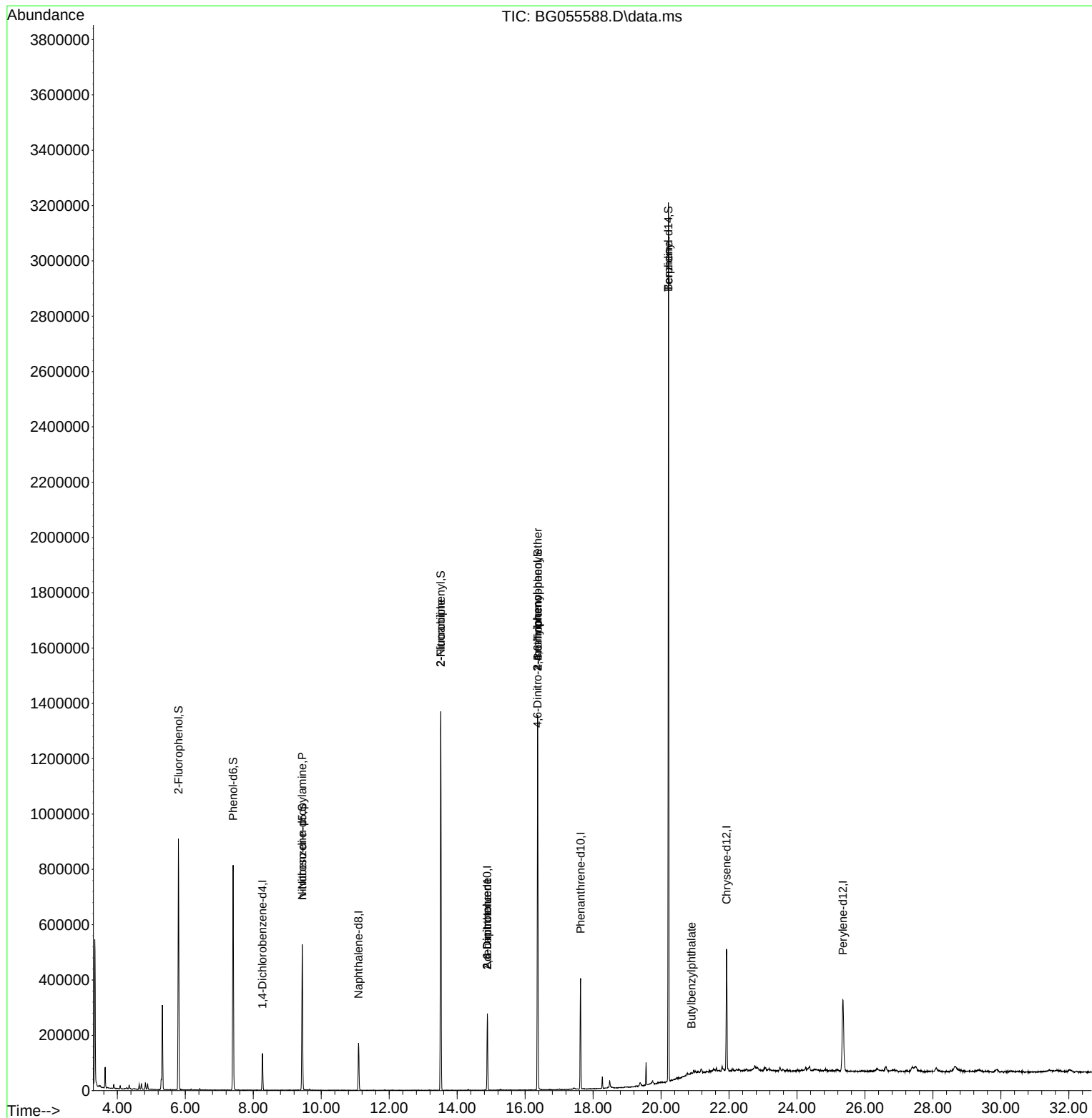
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	38085	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	141390	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	98872	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	262494	20.000	ng	0.00
76) Chrysene-d12	21.925	240	287186	20.000	ng	0.00
86) Perylene-d12	25.351	264	299661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	371049	185.571	ng	0.00
7) Phenol-d6	7.407	99	444050	160.773	ng	0.00
23) Nitrobenzene-d5	9.440	82	300851	144.248	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	274536	284.582	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	736167	112.310	ng	0.00
79) Terphenyl-d14	20.215	244	1603257	112.131	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	42081	18.436	ng	# 80
48) 2-Nitroaniline	13.517	65	1172	4.537	ng	# 1
51) 2,6-Dinitrotoluene	14.886	165	12885	12.268	ng	# 20
57) 2,4-Dinitrotoluene	14.886	165	12885	10.452	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.361	198	708	3.015	ng	# 1
67) 4-Bromophenyl-phenylether	16.367	248	17436	6.511	ng	# 1
77) Benzidine	20.215	184	26560	3.418	ng	# 92
80) Butylbenzylphthalate	20.897	149	899	3.477	ng	# 80

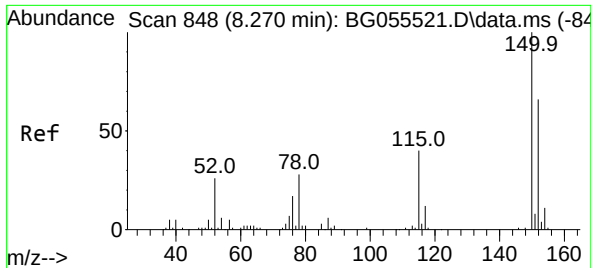
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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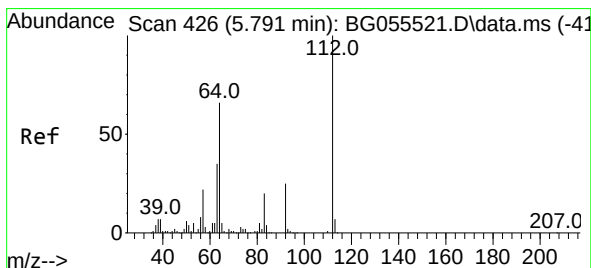
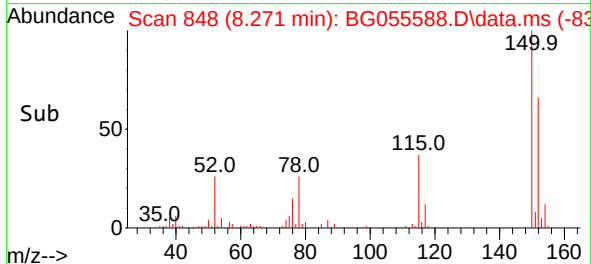
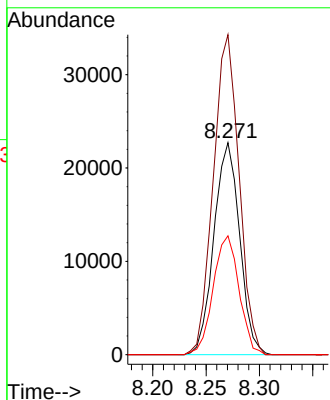
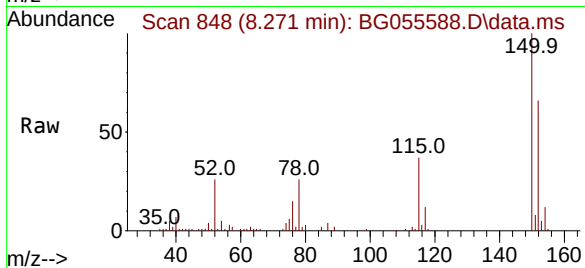




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

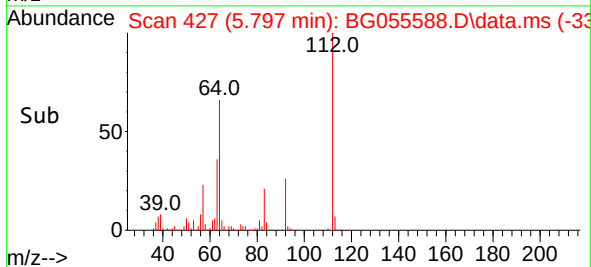
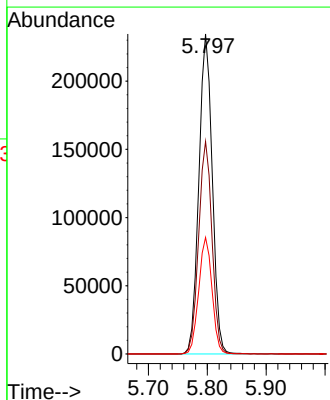
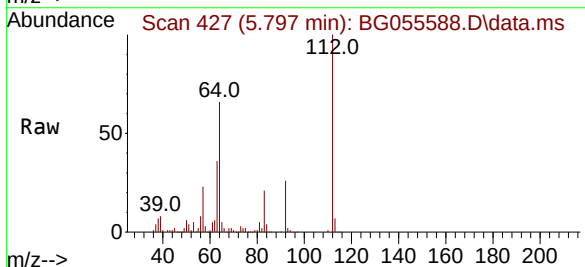
Instrument :
BNA_G
ClientSampleId :
TP-7

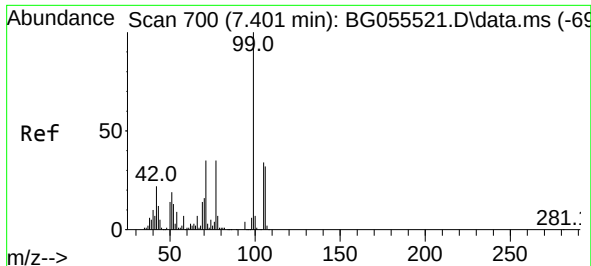
Tgt Ion:152 Resp: 38085
Ion Ratio Lower Upper
152 100
150 150.9 121.0 181.4
115 56.1 47.8 71.8



#5
2-Fluorophenol
Concen: 185.571 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion:112 Resp: 371049
Ion Ratio Lower Upper
112 100
64 66.4 52.6 78.8
63 36.4 28.3 42.5

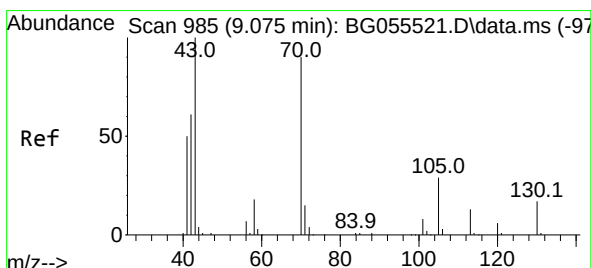
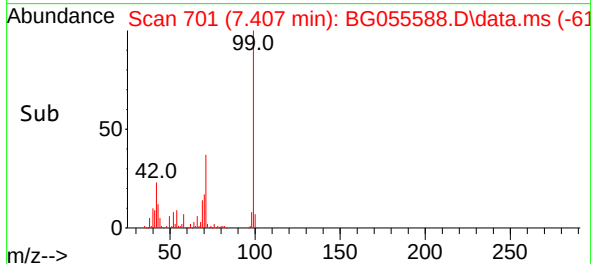
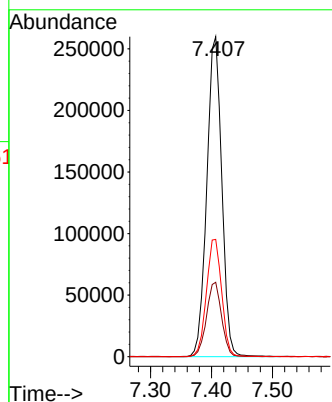
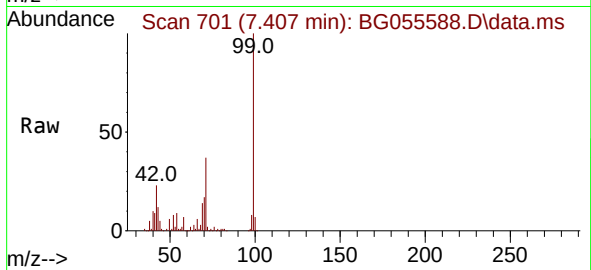




#7
Phenol-d6
Concen: 160.773 ng
RT: 7.407 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

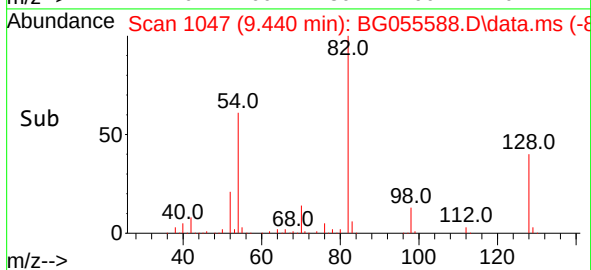
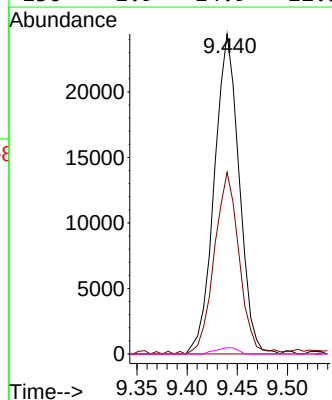
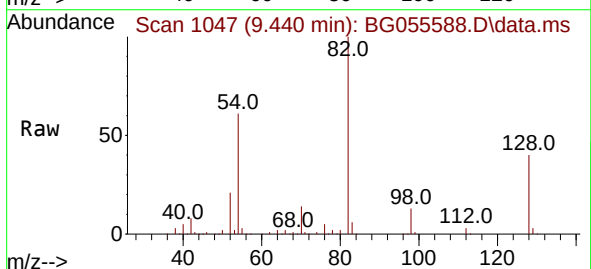
Instrument :
BNA_G
ClientSampleId :
TP-7

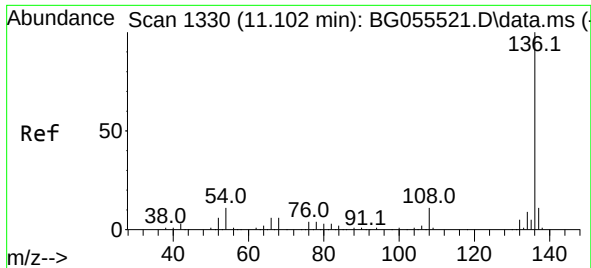
Tgt Ion: 99 Resp: 444050
Ion Ratio Lower Upper
99 100
42 23.3 17.5 26.3
71 36.6 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.436 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion: 70 Resp: 42081
Ion Ratio Lower Upper
70 100
42 56.8 54.8 82.2
101 0.0 6.8 10.2#
130 1.9 14.9 22.3#

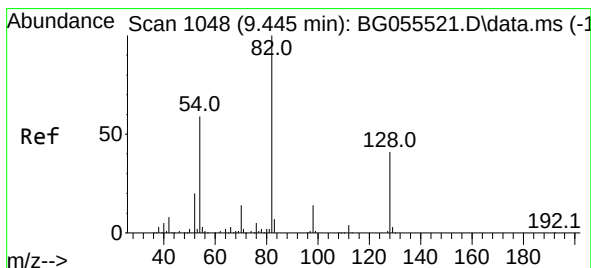
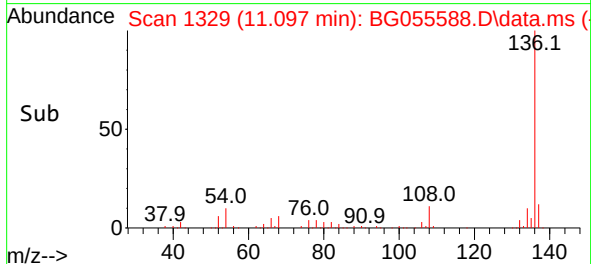
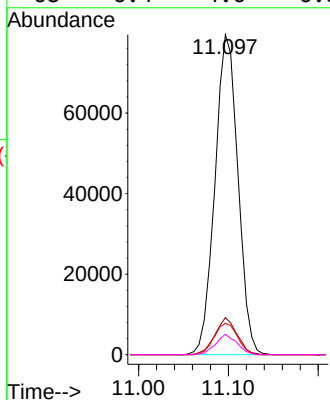
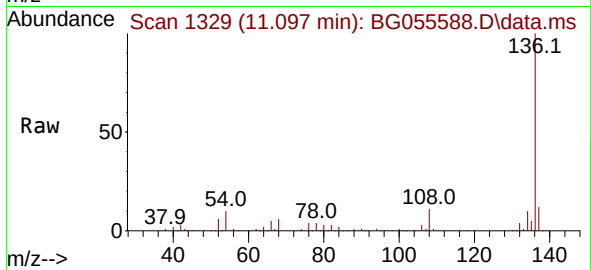




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

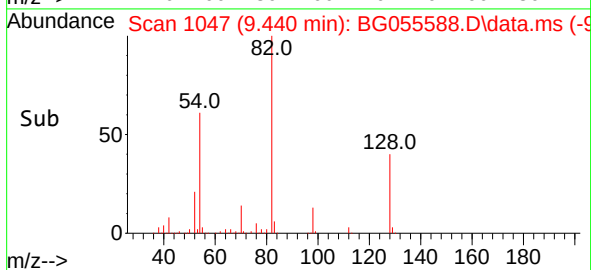
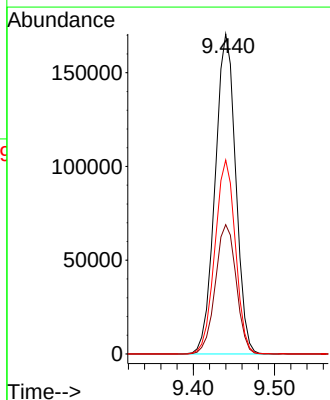
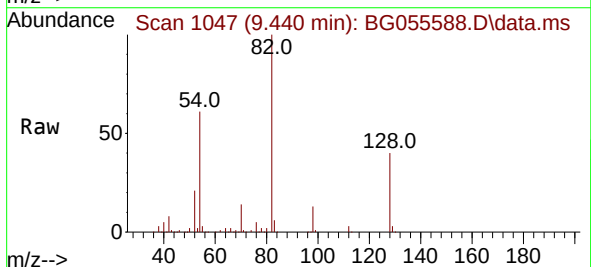
Instrument :
BNA_G
ClientSampleId :
TP-7

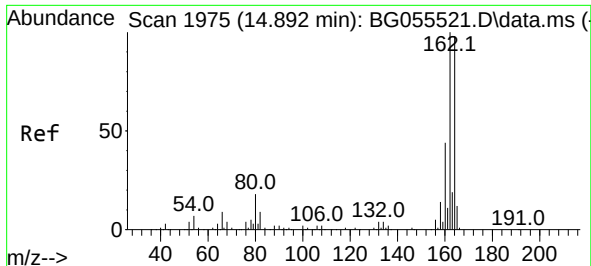
Tgt Ion:	136	Resp:	141390
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.6	12.8
54	9.8	8.6	12.8
68	6.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 144.248 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion:	82	Resp:	300851
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.6	49.0
54	60.6	47.3	70.9

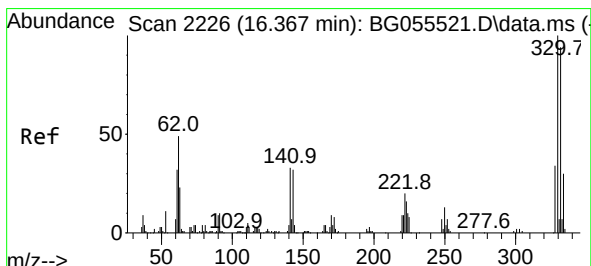
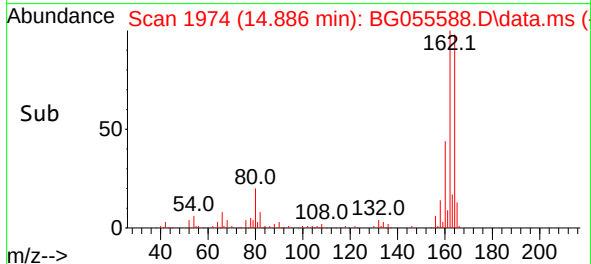
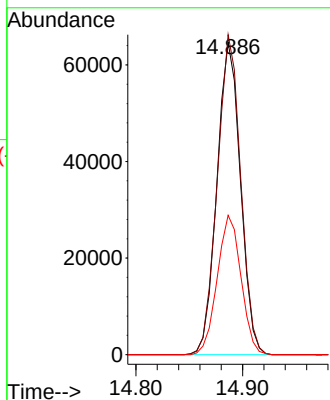
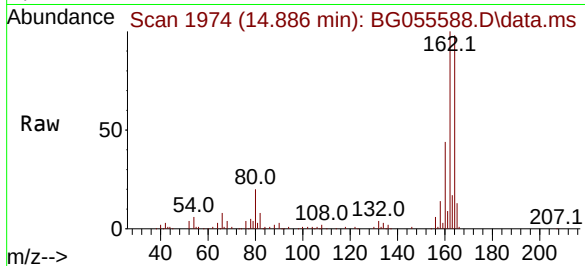




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

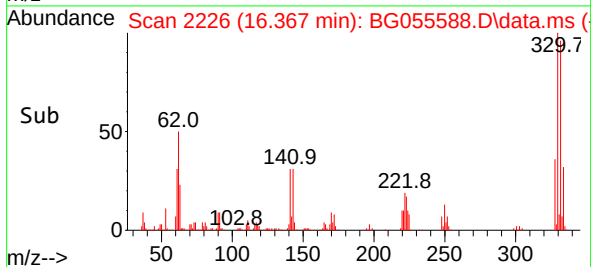
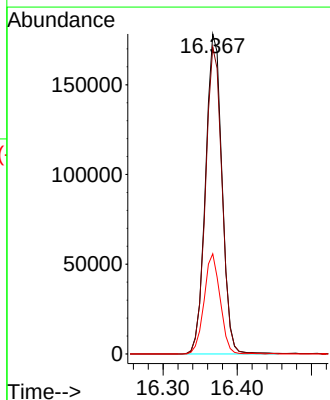
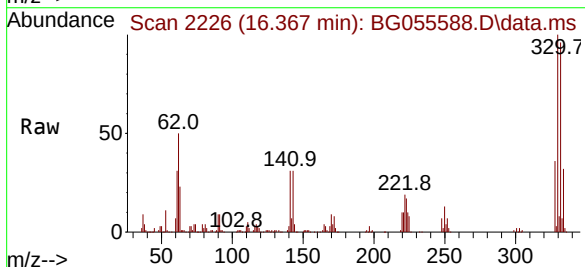
Instrument :
BNA_G
ClientSampleId :
TP-7

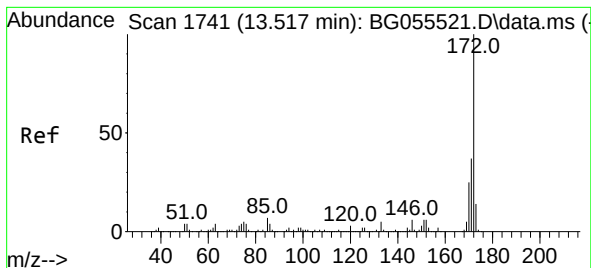
Tgt Ion:164 Resp: 98872
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 44.6 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 284.582 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion:330 Resp: 274536
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 30.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 112.310 ng

RT: 13.517 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG055588.D

Acq: 12 Nov 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TP-7

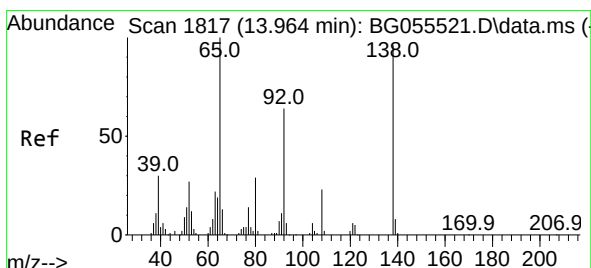
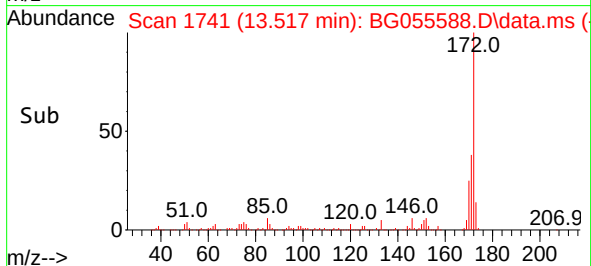
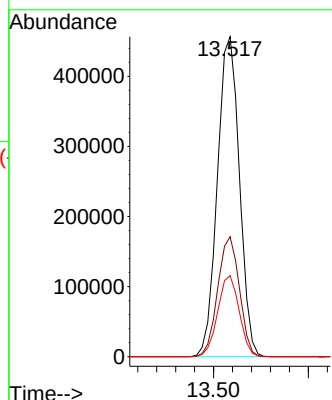
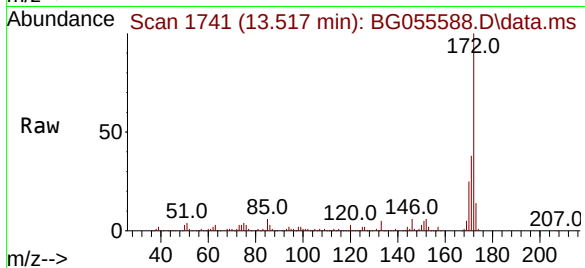
Tgt Ion:172 Resp: 736167

Ion Ratio Lower Upper

172 100

171 37.5 29.7 44.5

170 25.3 19.8 29.6



#48

2-Nitroaniline

Concen: 4.537 ng

RT: 13.517 min Scan# 1741

Delta R.T. -0.447 min

Lab File: BG055588.D

Acq: 12 Nov 2022 13:45

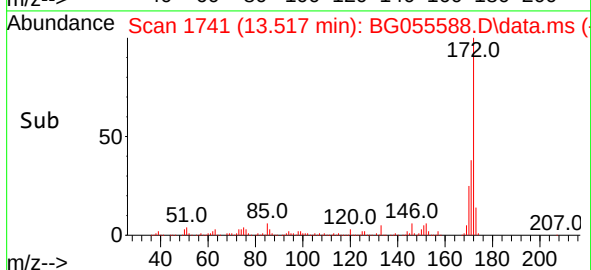
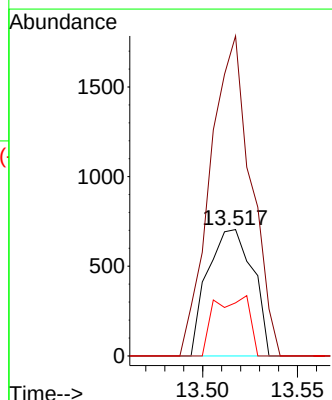
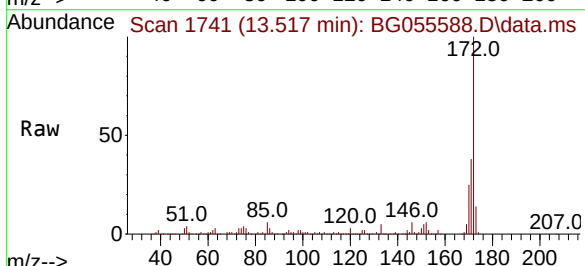
Tgt Ion: 65 Resp: 1172

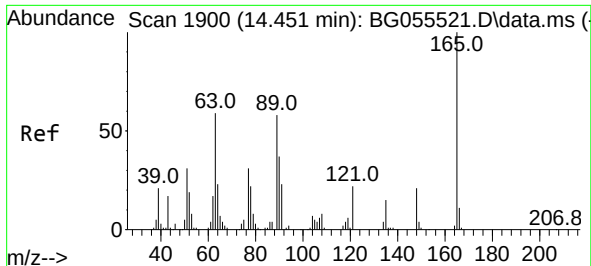
Ion Ratio Lower Upper

65 100

92 253.2 51.6 77.4#

138 42.0 77.0 115.4#

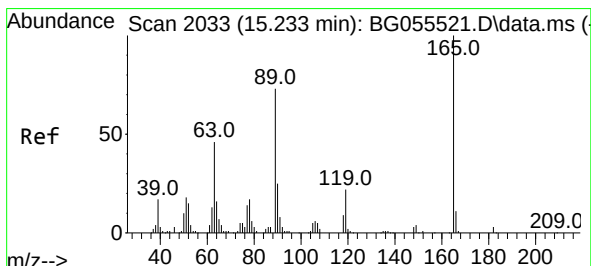
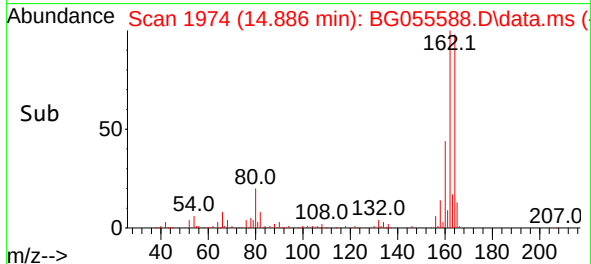
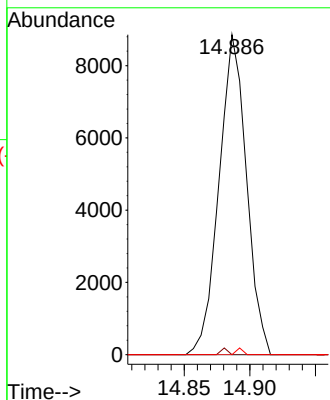
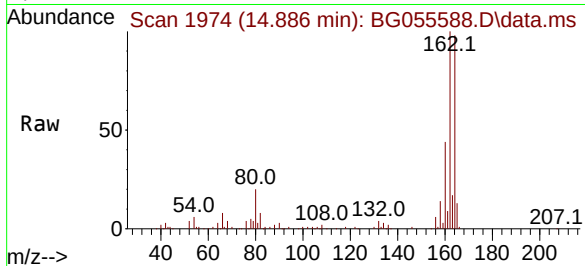




#51
2,6-Dinitrotoluene
Concen: 12.268 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.435 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

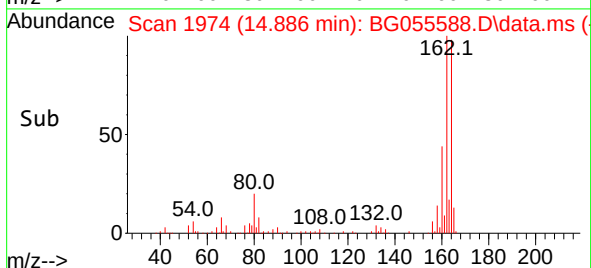
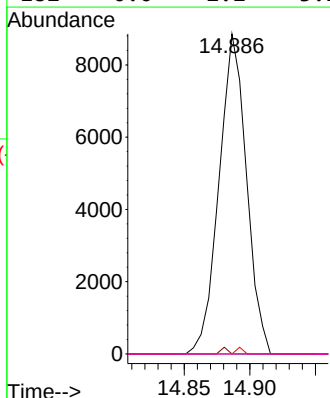
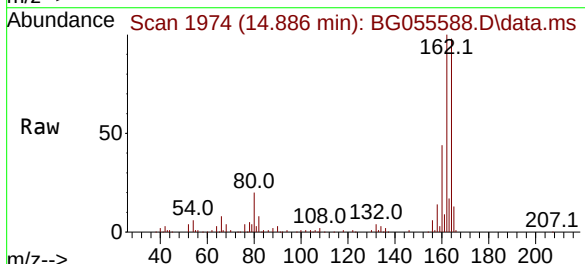
Instrument :
BNA_G
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TP-7

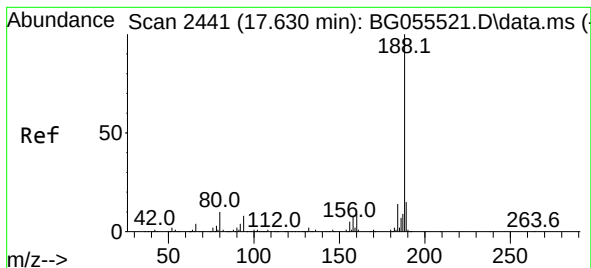
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	0.0	46.5	69.7#



#57
2,4-Dinitrotoluene
Concen: 10.452 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.347 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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: 17.630 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BG055588.D

Acq: 12 Nov 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TP-7

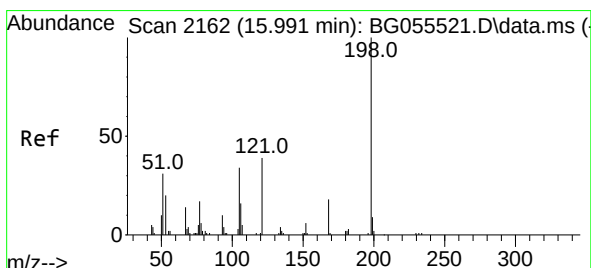
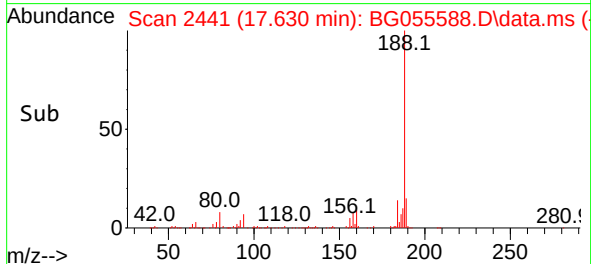
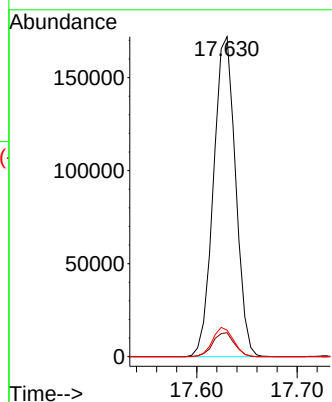
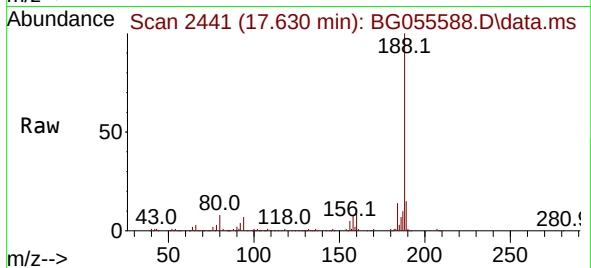
Tgt Ion:188 Resp: 262494

Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 8.3 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 3.015 ng

RT: 16.361 min Scan# 2225

Delta R.T. 0.370 min

Lab File: BG055588.D

Acq: 12 Nov 2022 13:45

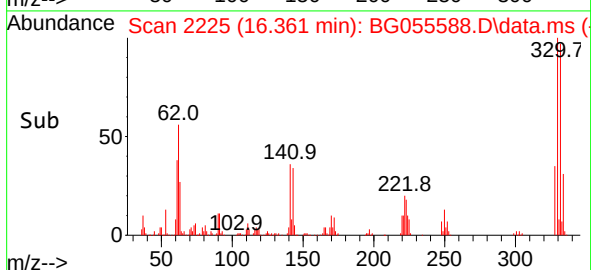
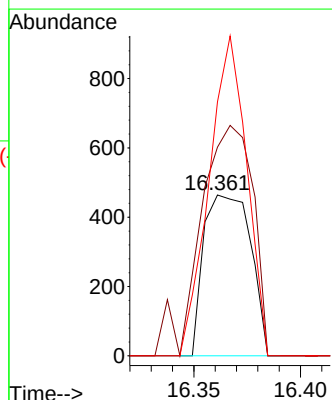
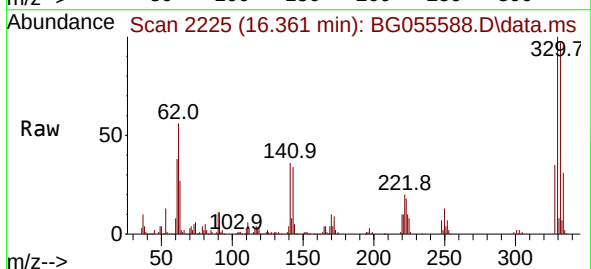
Tgt Ion:198 Resp: 708

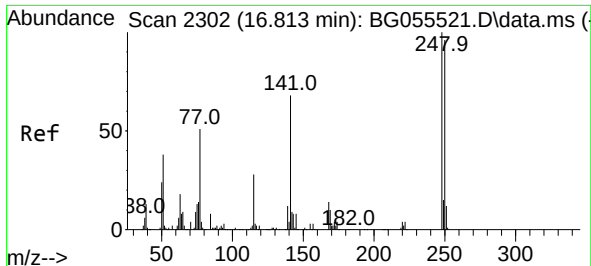
Ion Ratio Lower Upper

198 100

51 129.7 24.7 64.7#

105 158.0 17.6 57.6#

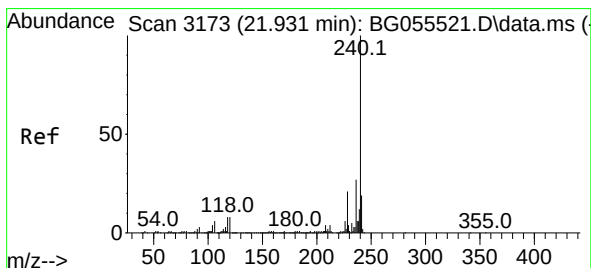
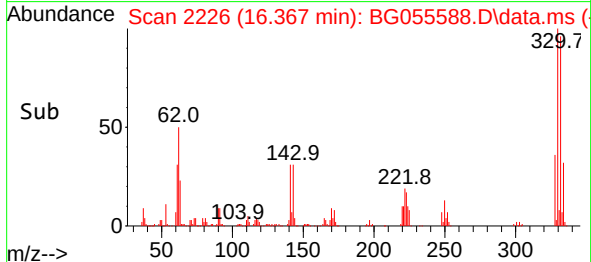
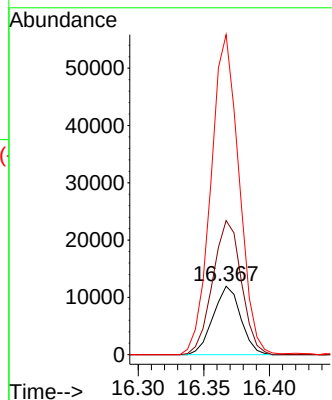
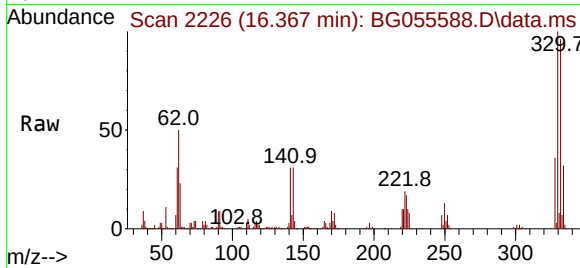




#67
4-Bromophenyl-phenylether
Concen: 6.511 ng
RT: 16.367 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

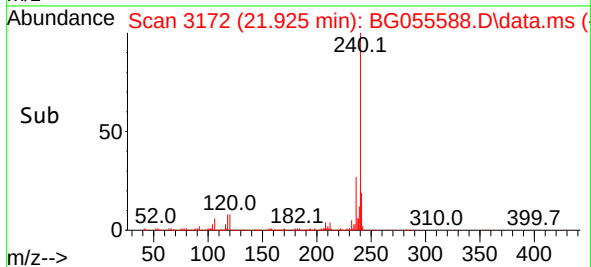
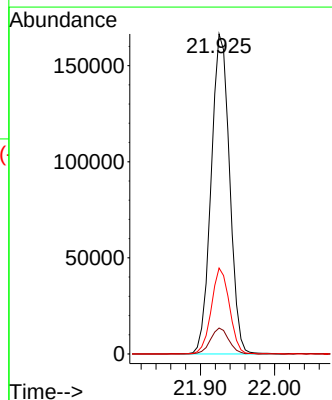
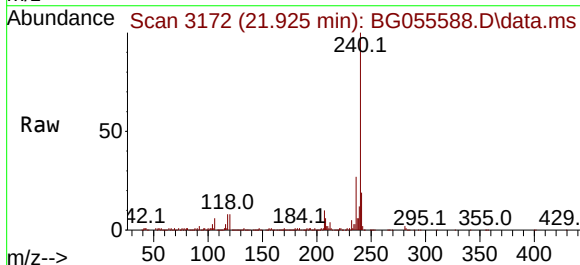
Instrument :
BNA_G
ClientSampleId :
TP-7

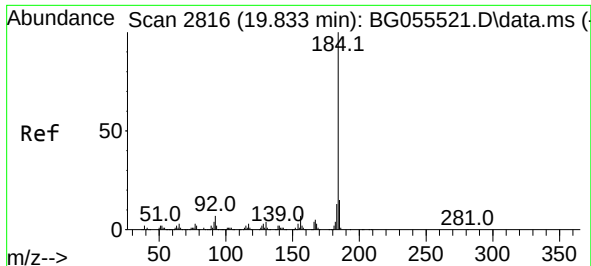
Tgt Ion:248 Resp: 17436
Ion Ratio Lower Upper
248 100
250 195.9 76.9 115.3#
141 467.5 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. -0.006 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion:240 Resp: 287186
Ion Ratio Lower Upper
240 100
120 8.1 6.1 9.1
236 26.8 21.4 32.0

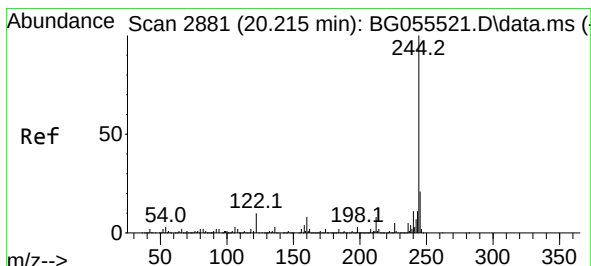
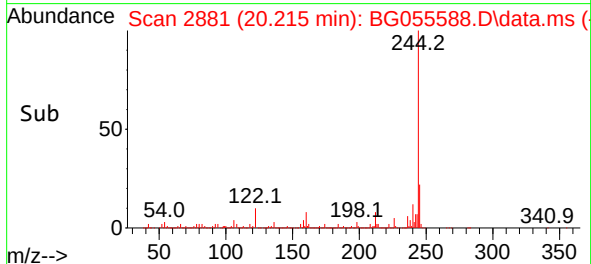
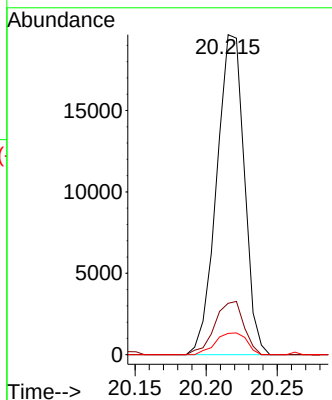
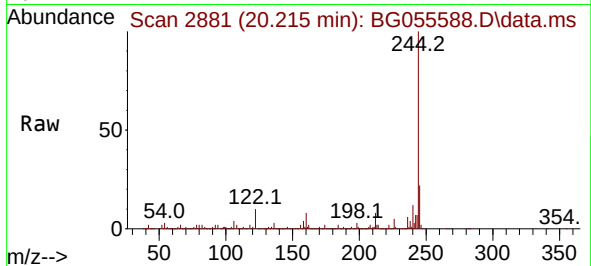




#77
Benzidine
Concen: 3.418 ng
RT: 20.215 min Scan# 2816
Delta R.T. 0.382 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

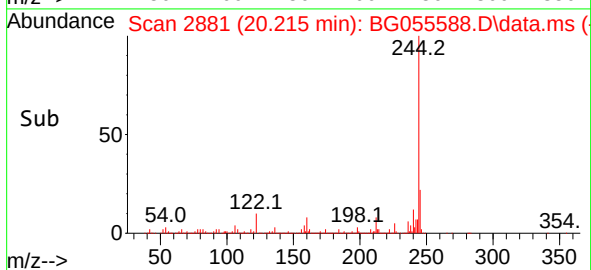
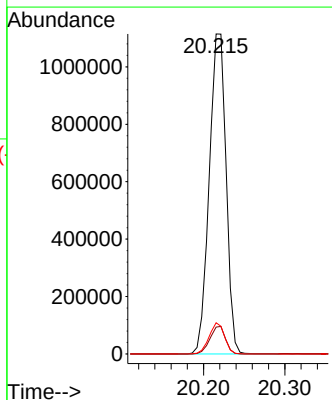
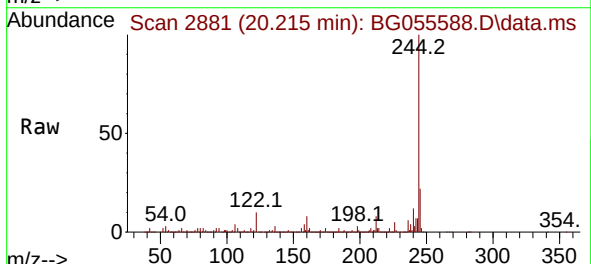
Instrument :
BNA_G
ClientSampleId :
TP-7

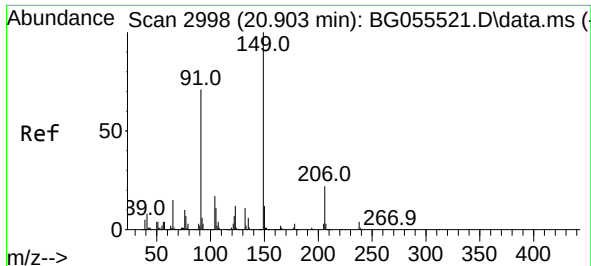
Tgt Ion:184 Resp: 26560
Ion Ratio Lower Upper
184 100
185 16.0 12.0 18.0
183 6.7 10.2 15.2#



#79
Terphenyl-d14
Concen: 112.131 ng
RT: 20.215 min Scan# 2881
Delta R.T. 0.000 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion:244 Resp: 1603257
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 9.8 7.7 11.5

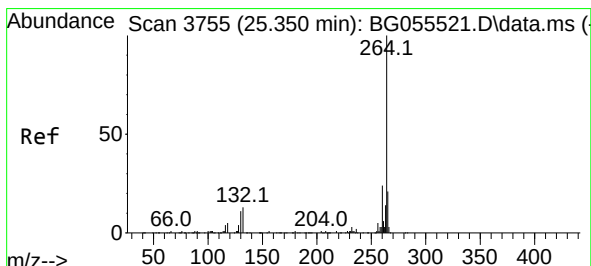
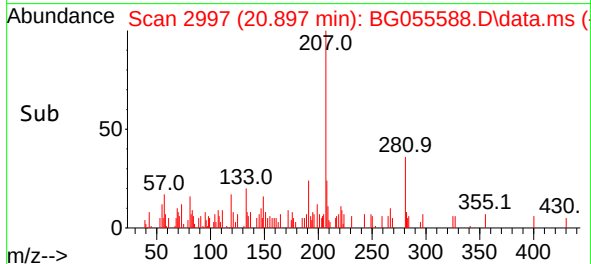
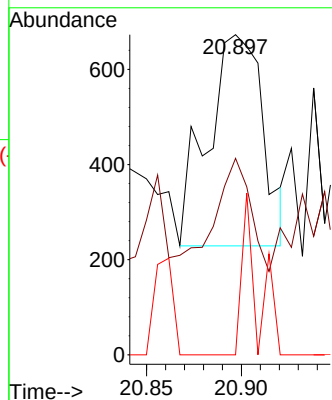
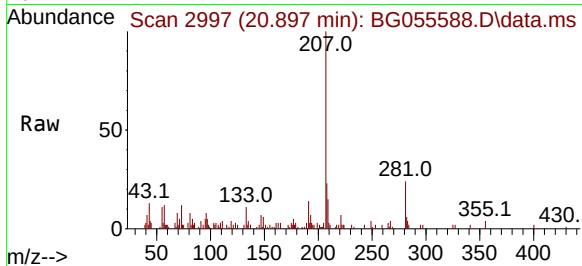




#80
Butylbenzylphthalate
Concen: 3.477 ng
RT: 20.897 min Scan# 2997
Delta R.T. -0.006 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion:149 Resp: 899
Ion Ratio Lower Upper
149 100
91 61.4 56.8 85.2
206 0.0 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.351 min Scan# 3755
Delta R.T. 0.001 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion:264 Resp: 299661
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.0 17.1 25.7

