

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055577.D
 Acq On : 11 Nov 2022 22:18
 Operator : CG/JU
 Sample : N5509-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Quant Time: Nov 12 00:55:16 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)

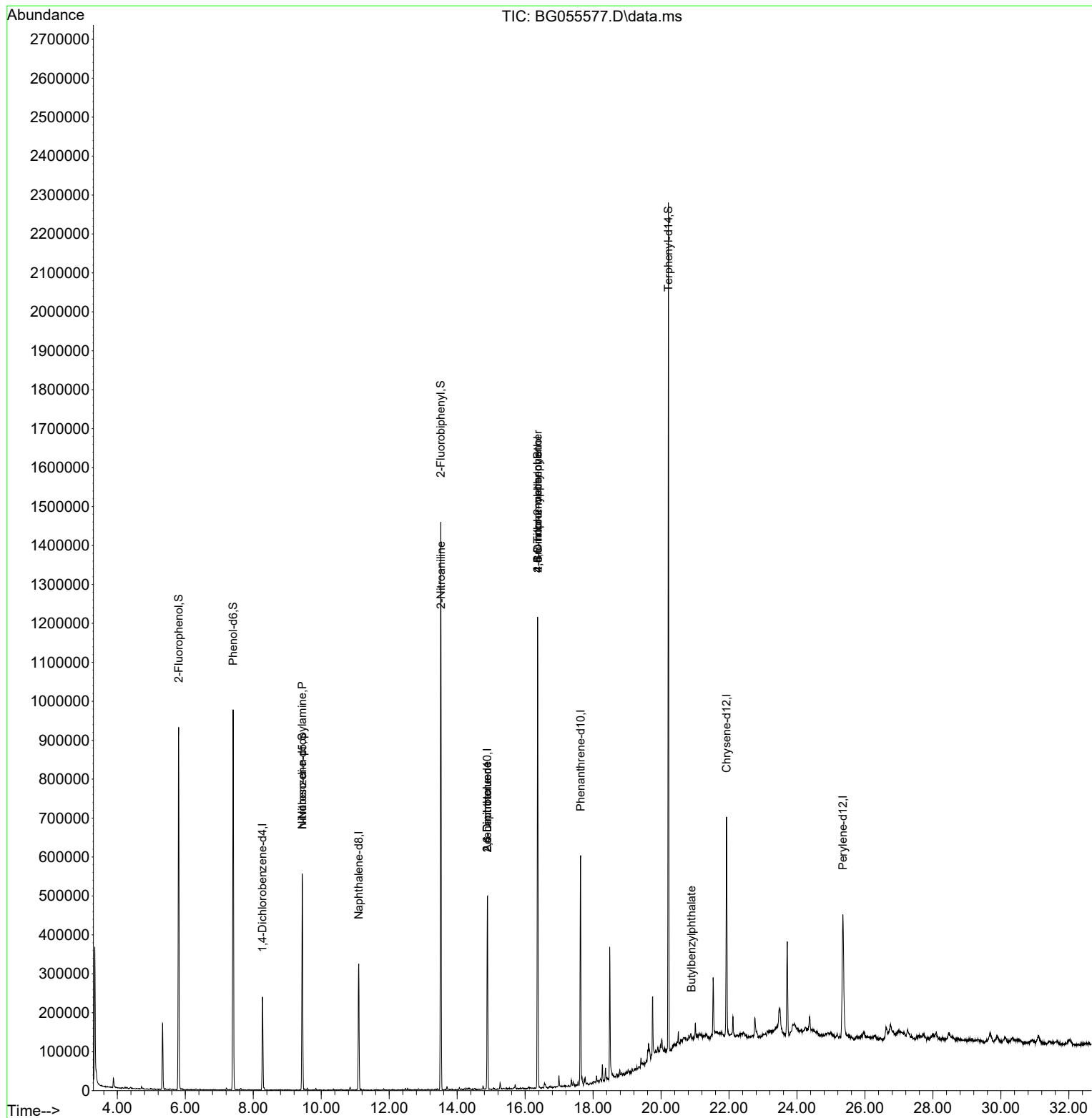
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	67342	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	270521	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	180872	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	389083	20.000	ng	0.00
76) Chrysene-d12	21.925	240	354334	20.000	ng	0.00
86) Perylene-d12	25.351	264	383281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	407271	115.194	ng	0.01
7) Phenol-d6	7.407	99	528895	108.297	ng	0.00
23) Nitrobenzene-d5	9.440	82	326689	81.867	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	236969	134.277	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	740308	61.739	ng	0.00
79) Terphenyl-d14	20.216	244	1090511	61.816	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	44425	11.007	ng	# 80
48) 2-Nitroaniline	13.524	65	1325	4.251	ng	# 16
51) 2,6-Dinitrotoluene	14.887	165	23443	12.218	ng	# 22
57) 2,4-Dinitrotoluene	14.887	165	23443	10.414	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.367	198	644	2.579	ng	# 1
67) 4-Bromophenyl-phenylether	16.367	248	15104	3.805	ng	# 1
80) Butylbenzylphthalate	20.891	149	373	3.402	ng	# 50

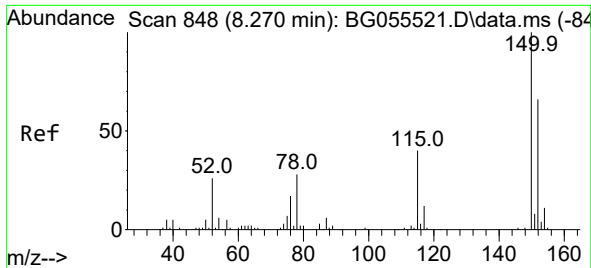
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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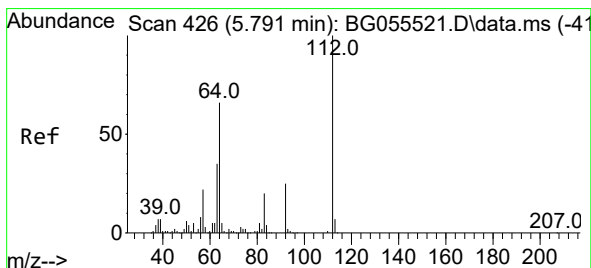
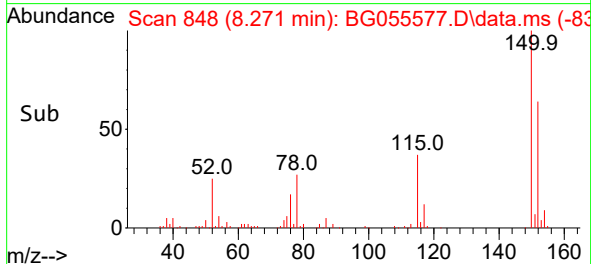
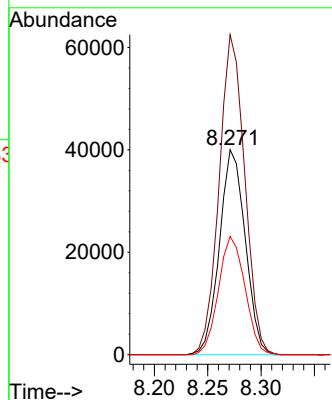
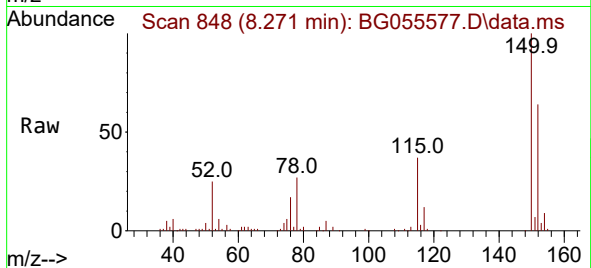




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

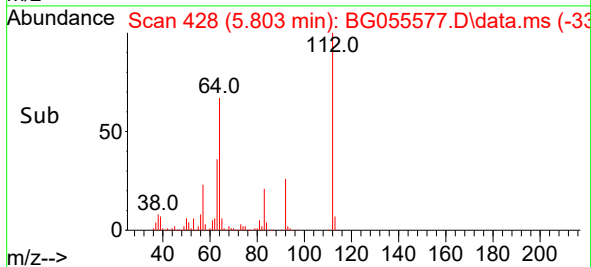
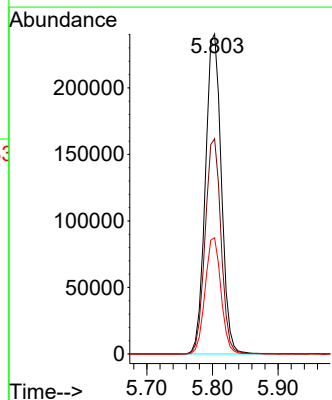
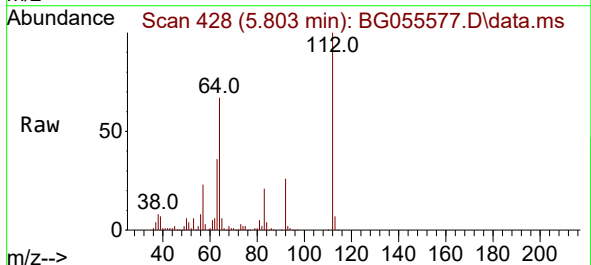
Instrument :
BNA_G
ClientSampleId :
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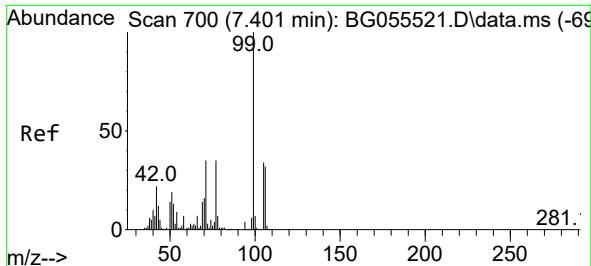
Tgt Ion:152 Resp: 67342
Ion Ratio Lower Upper
152 100
150 156.1 121.0 181.4
115 57.7 47.8 71.8



#5
2-Fluorophenol
Concen: 115.194 ng
RT: 5.803 min Scan# 428
Delta R.T. 0.012 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

Tgt Ion:112 Resp: 407271
Ion Ratio Lower Upper
112 100
64 67.3 52.6 78.8
63 36.3 28.3 42.5

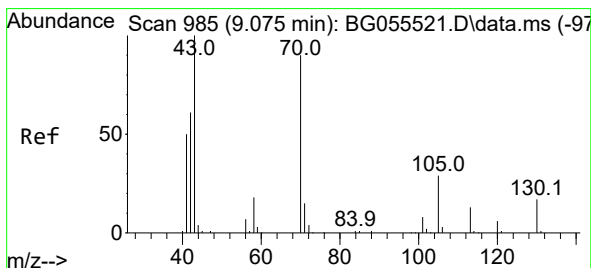
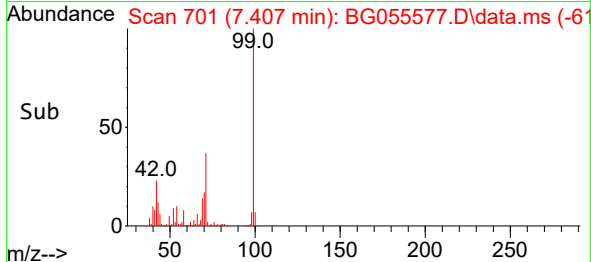
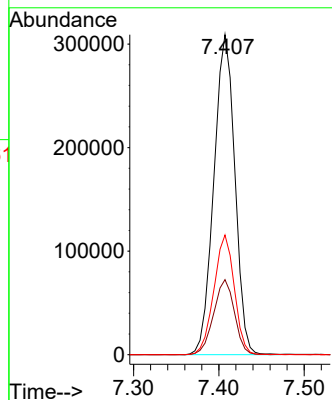
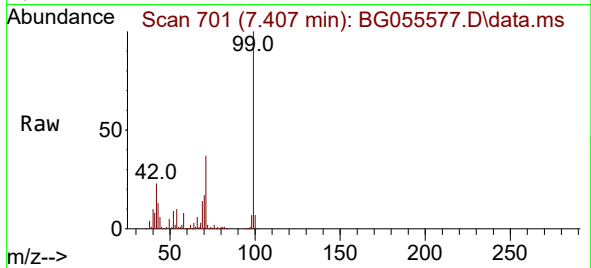




#7
Phenol-d6
Concen: 108.297 ng
RT: 7.407 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

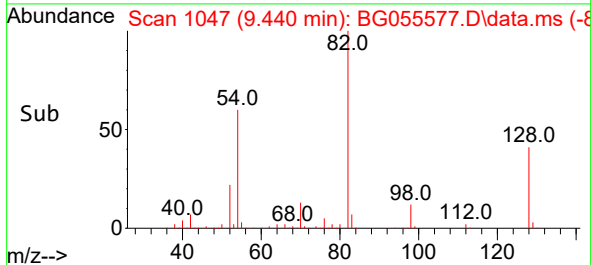
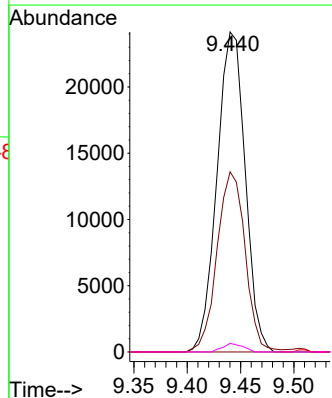
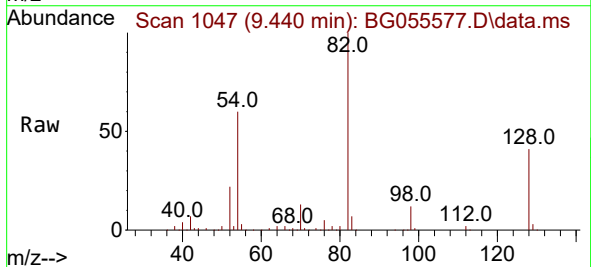
Instrument :
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ClientSampleId :
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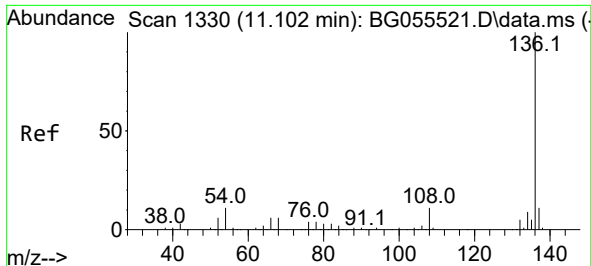
Tgt Ion: 99 Resp: 528895
Ion Ratio Lower Upper
99 100
42 23.4 17.5 26.3
71 37.4 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.007 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

Tgt Ion: 70 Resp: 44425
Ion Ratio Lower Upper
70 100
42 56.3 54.8 82.2
101 0.0 6.8 10.2#
130 2.7 14.9 22.3#

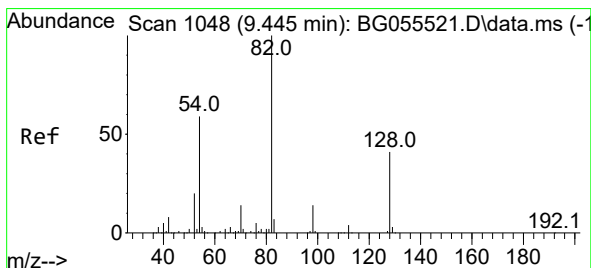
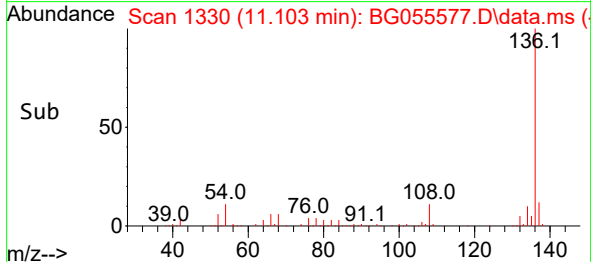
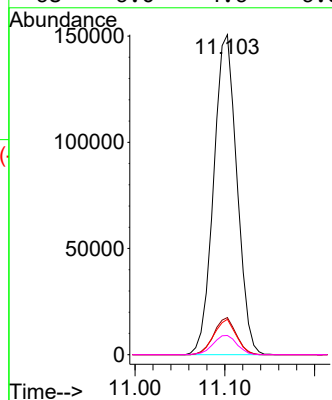
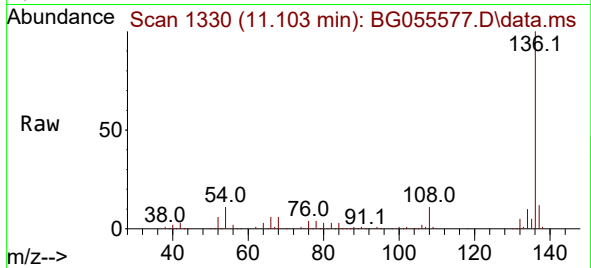




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

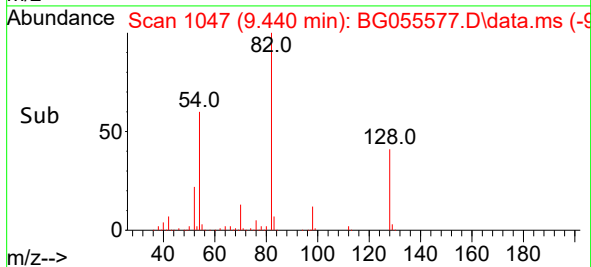
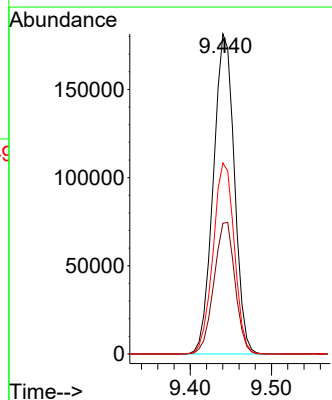
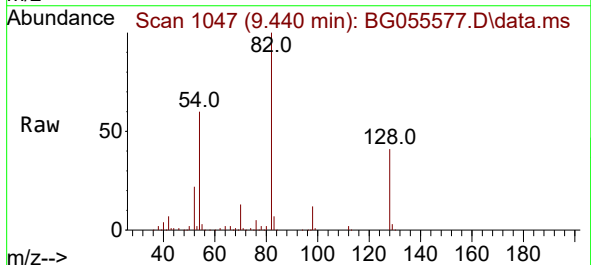
Instrument :
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ClientSampleId :
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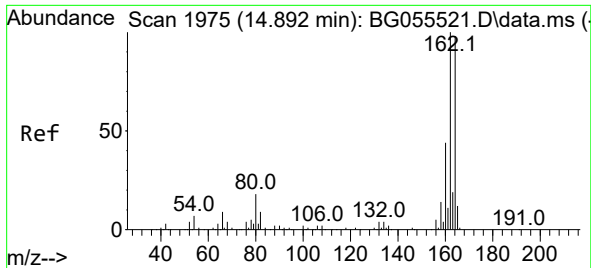
Tgt Ion:136 Resp: 270521
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 11.1 8.6 12.8
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 81.867 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

Tgt Ion: 82 Resp: 326689
Ion Ratio Lower Upper
82 100
128 40.9 32.6 49.0
54 59.7 47.3 70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.887 min Scan# 1974

Delta R.T. -0.005 min

Lab File: BG055577.D

Acq: 11 Nov 2022 22:18

Instrument :

BNA_G

ClientSampleId :

TP-11

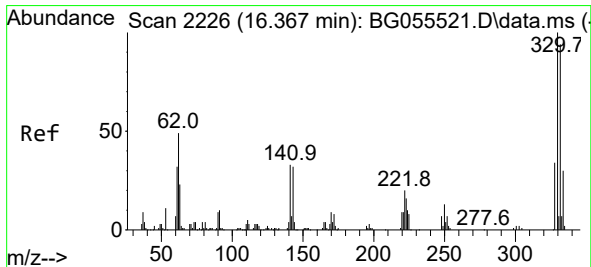
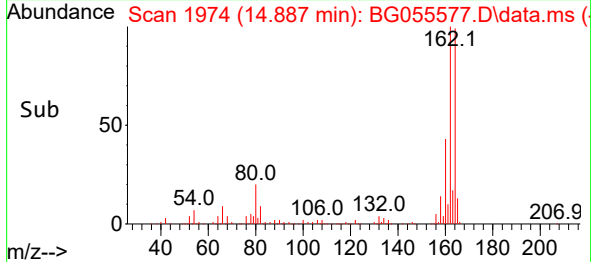
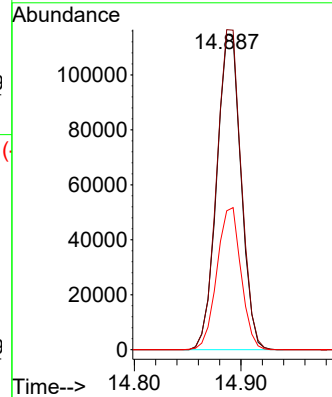
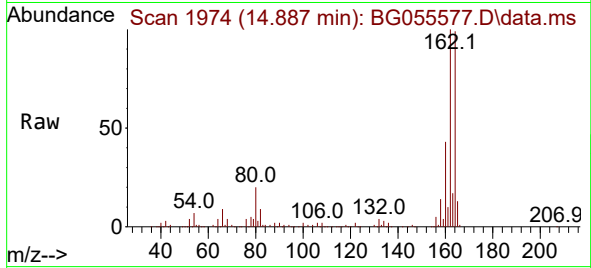
Tgt Ion:164 Resp: 180872

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

160 44.0 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 134.277 ng

RT: 16.367 min Scan# 2226

Delta R.T. 0.000 min

Lab File: BG055577.D

Acq: 11 Nov 2022 22:18

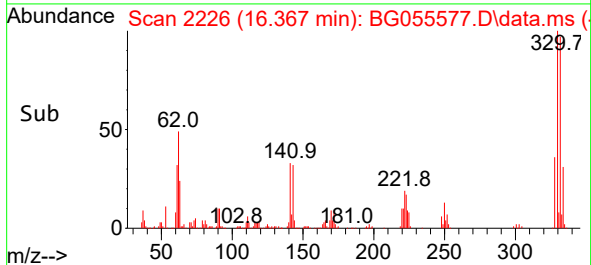
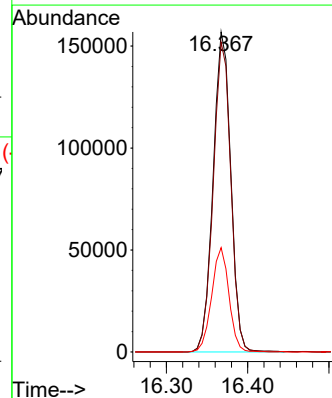
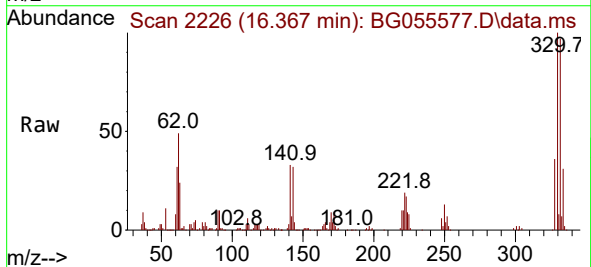
Tgt Ion:330 Resp: 236969

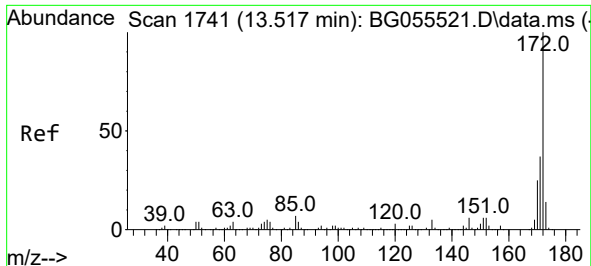
Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

141 31.9 25.4 38.2

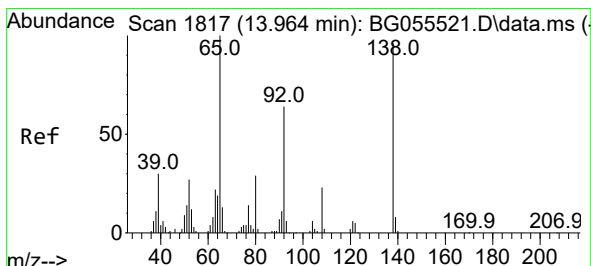
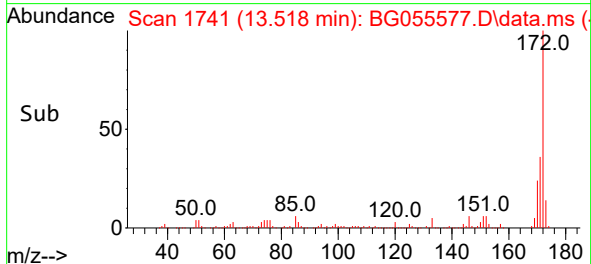
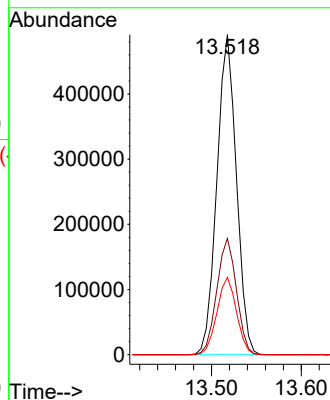
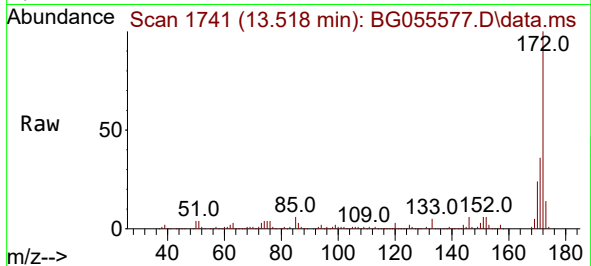




#45
2-Fluorobiphenyl
Concen: 61.739 ng
RT: 13.518 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

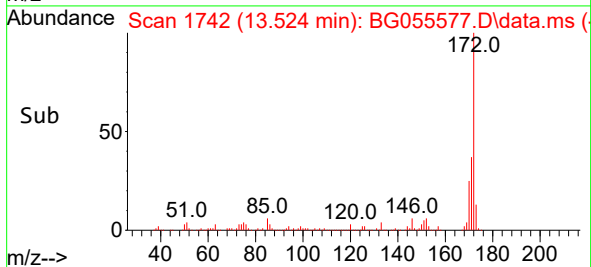
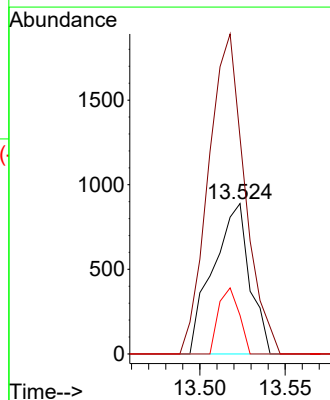
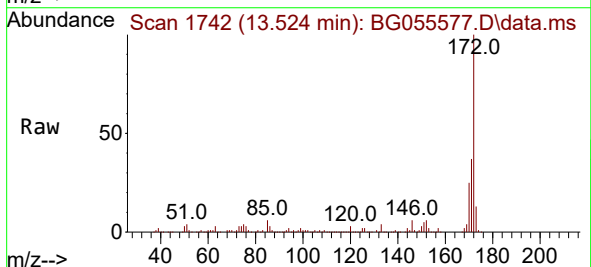
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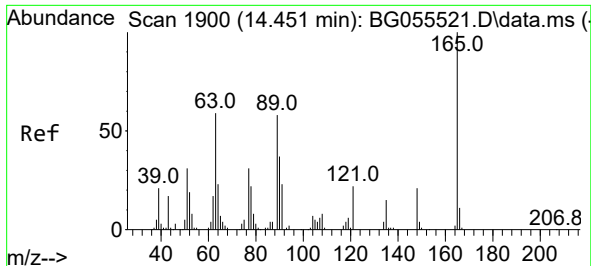
Tgt Ion:172 Resp: 740308
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 19.8 29.6



#48
2-Nitroaniline
Concen: 4.251 ng
RT: 13.524 min Scan# 1742
Delta R.T. -0.440 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

Tgt Ion: 65 Resp: 1325
Ion Ratio Lower Upper
65 100
92 143.8 51.6 77.4#
138 25.6 77.0 115.4#

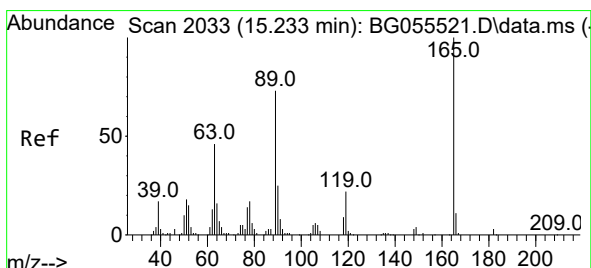
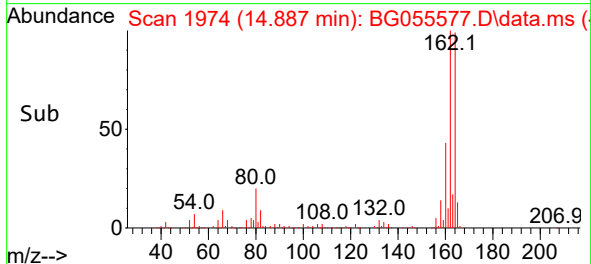
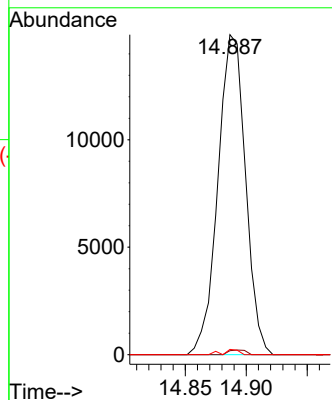
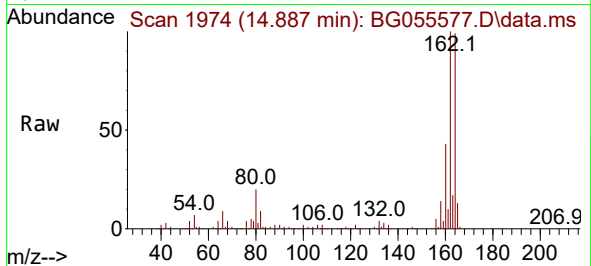




#51
2,6-Dinitrotoluene
Concen: 12.218 ng
RT: 14.887 min Scan# 1900
Delta R.T. 0.436 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

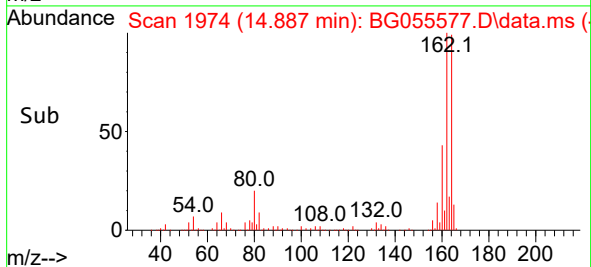
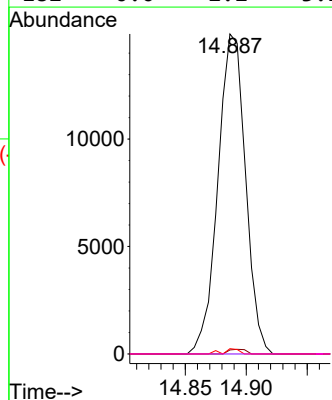
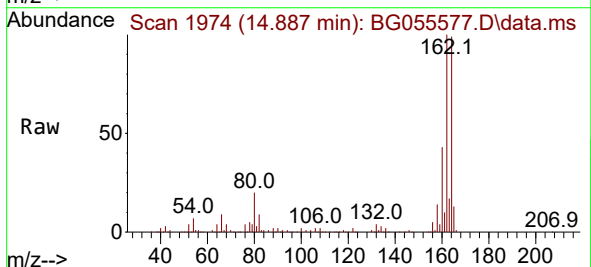
Instrument :
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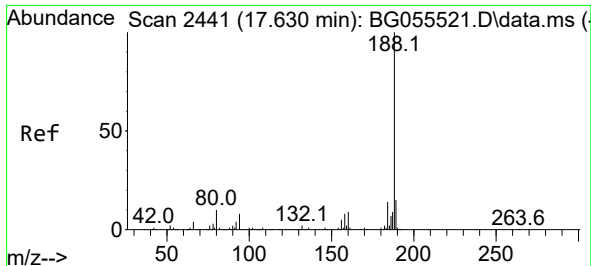
Tgt Ion:165 Resp: 23443
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.6 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.414 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.346 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

Tgt Ion:165 Resp: 23443
Ion Ratio Lower Upper
165 100
63 1.2 37.0 55.4#
89 1.6 58.6 87.8#
182 0.0 2.2 3.2#

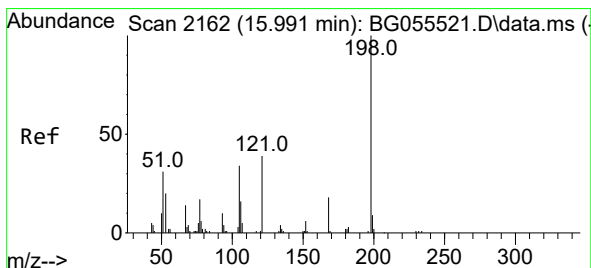
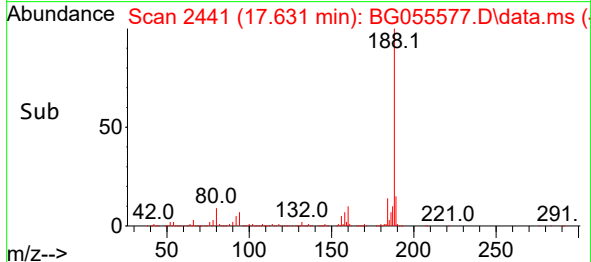
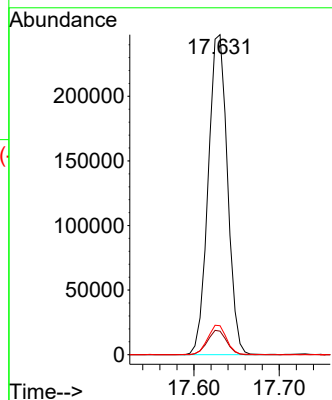
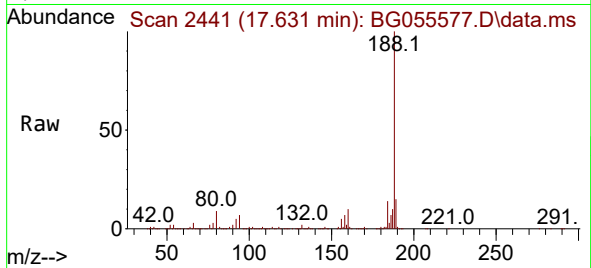




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.631 min Scan# 2441
Delta R.T. 0.001 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

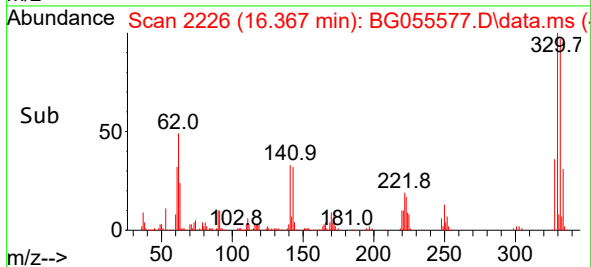
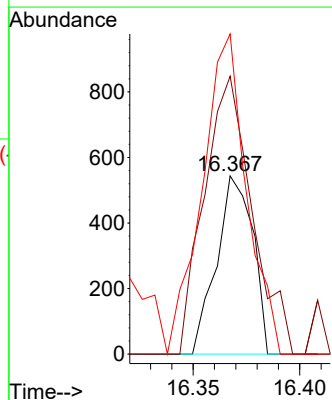
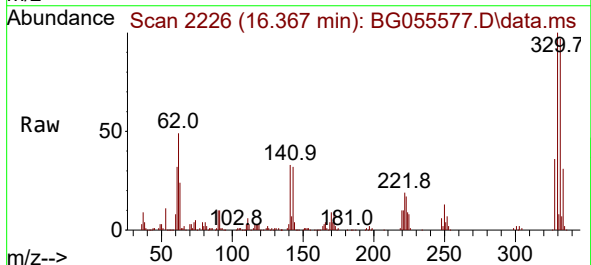
Instrument :
BNA_G
ClientSampleId :
TP-11

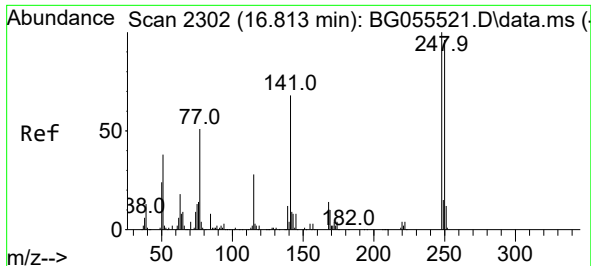
Tgt Ion:188 Resp: 389083
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 9.1 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.579 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.376 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

Tgt Ion:198 Resp: 644
Ion Ratio Lower Upper
198 100
51 155.9 24.7 64.7#
105 179.6 17.6 57.6#

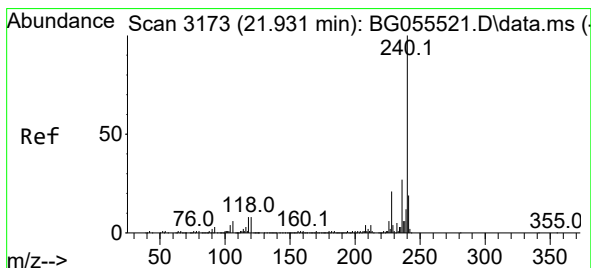
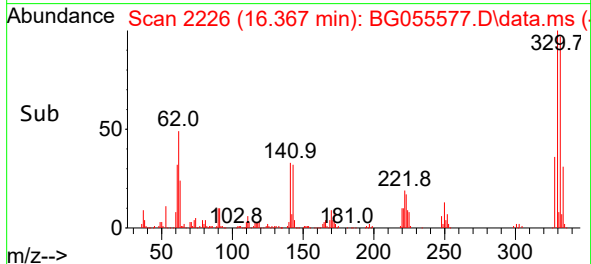
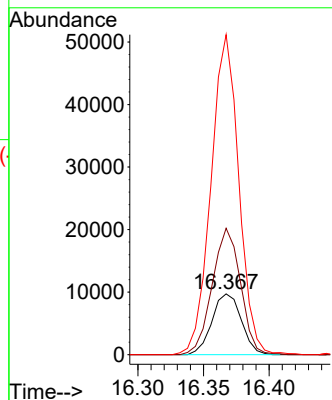
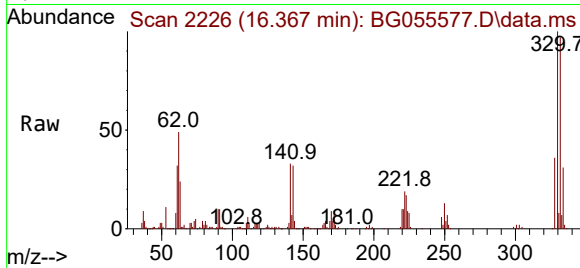




#67
4-Bromophenyl-phenylether
Concen: 3.805 ng
RT: 16.367 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

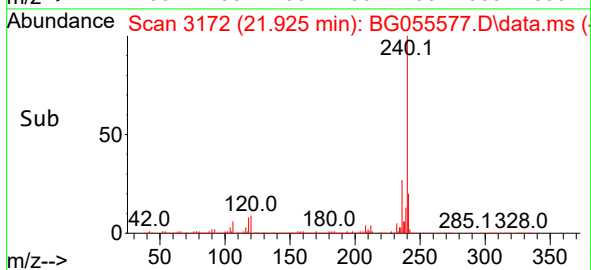
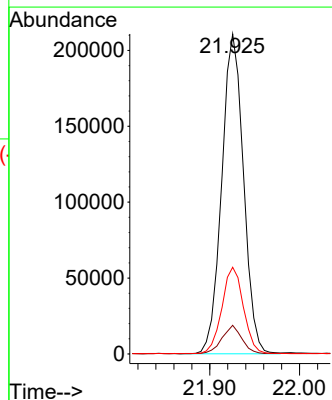
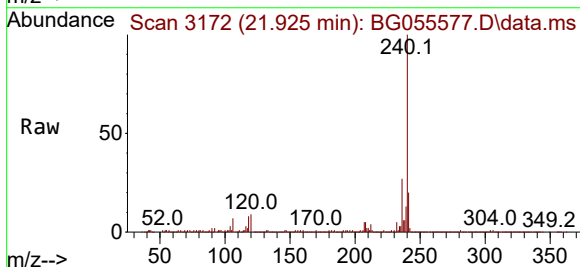
Instrument :
BNA_G
ClientSampleId :
TP-11

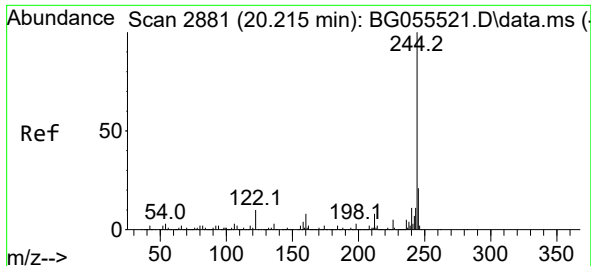
Tgt Ion:248 Resp: 15104
Ion Ratio Lower Upper
248 100
250 207.9 76.9 115.3#
141 526.0 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. -0.006 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

Tgt Ion:240 Resp: 354334
Ion Ratio Lower Upper
240 100
120 8.9 6.1 9.1
236 27.1 21.4 32.0

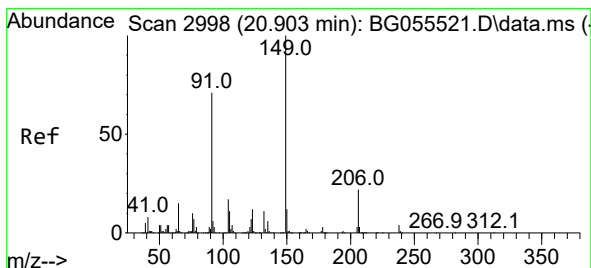
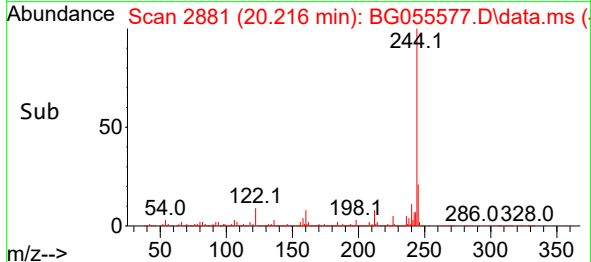
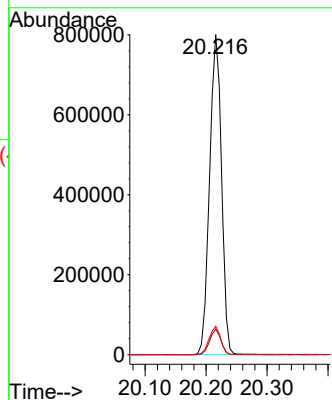
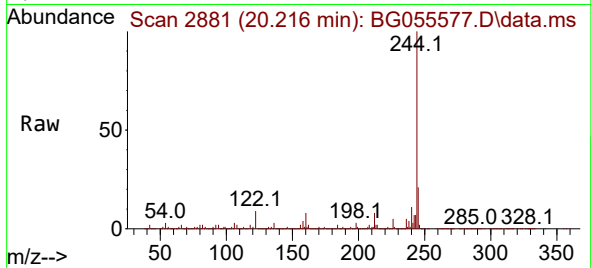




#79
 Terphenyl-d14
 Concen: 61.816 ng
 RT: 20.216 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG055577.D
 Acq: 11 Nov 2022 22:18

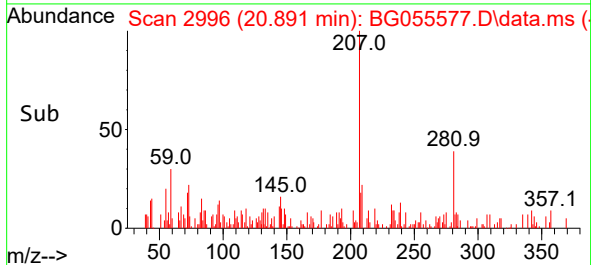
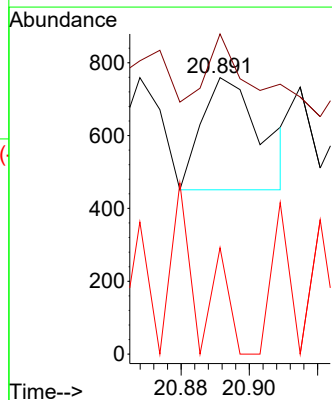
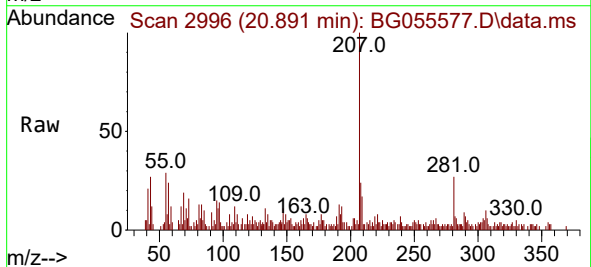
Instrument :
 BNA_G
 ClientSampleId :
 TP-11

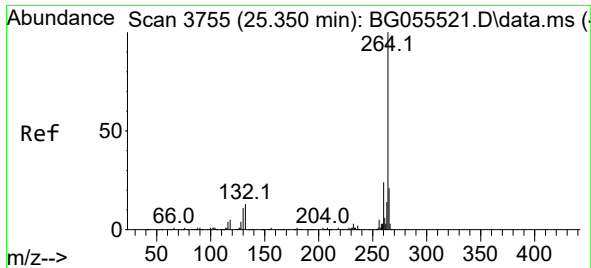
Tgt Ion:244 Resp: 1090511
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 8.8 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.402 ng
 RT: 20.891 min Scan# 2996
 Delta R.T. -0.012 min
 Lab File: BG055577.D
 Acq: 11 Nov 2022 22:18

Tgt Ion:149 Resp: 373
 Ion Ratio Lower Upper
 149 100
 91 115.8 56.8 85.2#
 206 38.5 17.3 25.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.351 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG055577.D
Acq: 11 Nov 2022 22:18

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:264 Resp: 383281

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.9	17.1	25.7

