

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
 Data File : BG055981.D
 Acq On : 15 Dec 2022 17:48
 Operator : CG/JU
 Sample : N6048-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-R

Quant Time: Dec 16 04:04:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

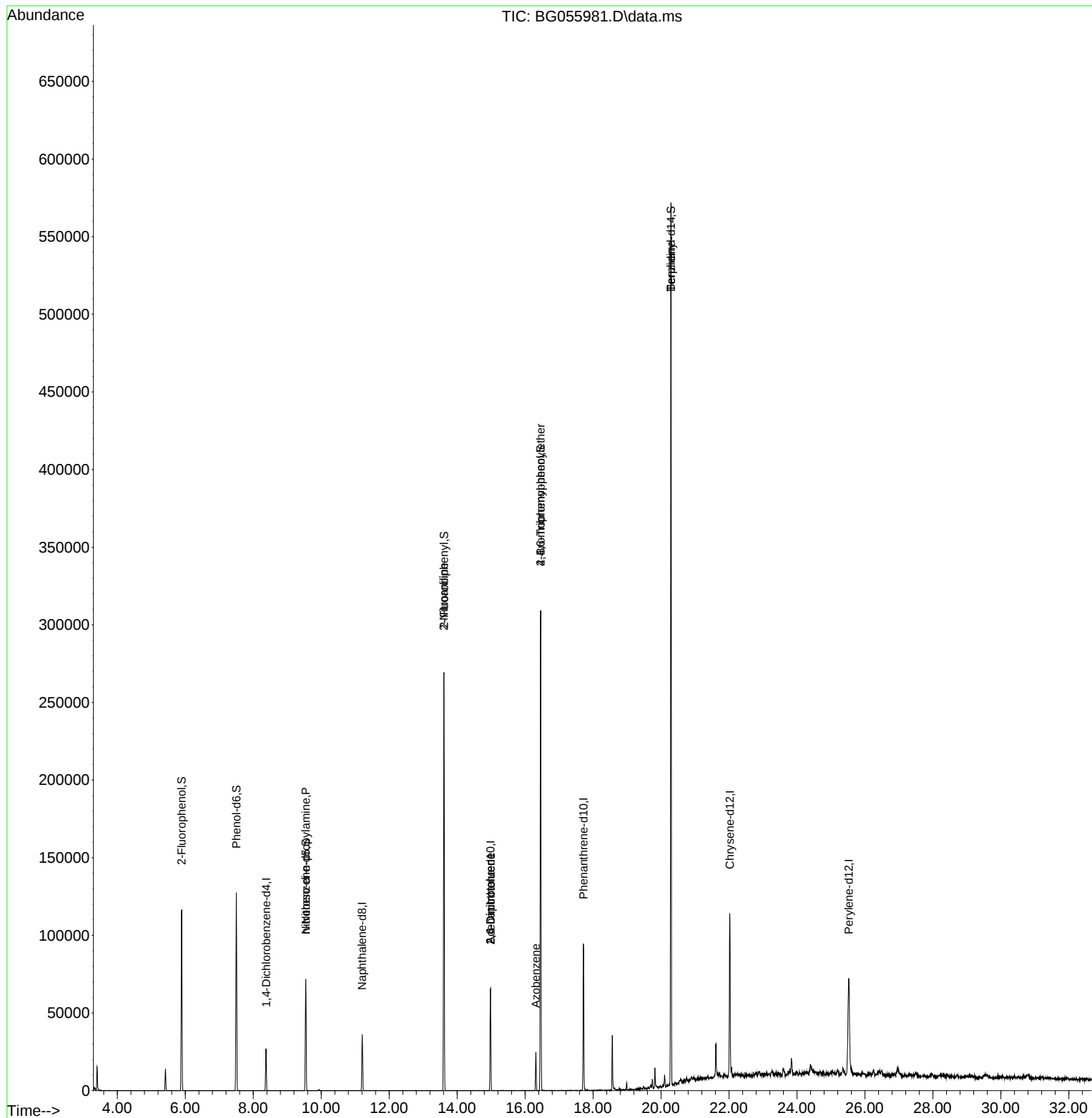
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	8204	20.000	ng	0.00
21) Naphthalene-d8	11.204	136	32263	20.000	ng	# 0.00
39) Acenaphthene-d10	14.982	164	27602	20.000	ng	0.00
64) Phenanthrene-d10	17.714	188	69811	20.000	ng	0.00
76) Chrysene-d12	22.021	240	72394	20.000	ng	0.00
86) Perylene-d12	25.523	264	88688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.893	112	48245	137.912	ng	0.00
7) Phenol-d6	7.503	99	60004	133.365	ng	0.00
23) Nitrobenzene-d5	9.547	82	38110	82.547	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	82677	124.220	ng	0.00
45) 2-Fluorobiphenyl	13.613	172	152448	77.460	ng	0.00
79) Terphenyl-d14	20.294	244	325125	79.374	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.547	70	6053	18.769	ng	# 64
48) 2-Nitroaniline	13.607	65	58	2.997	ng	# 1
51) 2,6-Dinitrotoluene	14.982	165	3719	10.071	ng	# 25
57) 2,4-Dinitrotoluene	14.982	165	3719	6.672	ng	# 35
63) Azobenzene	16.316	77	6452	4.545	ng	# 8
67) 4-Bromophenyl-phenylether	16.457	248	4687	4.582	ng	# 1
77) Benzidine	20.294	184	5224	4.109	ng	# 87

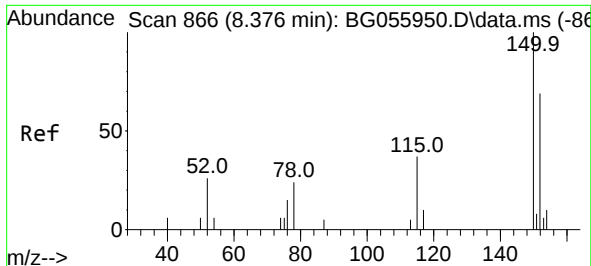
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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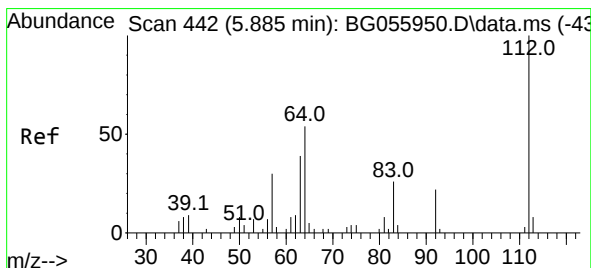
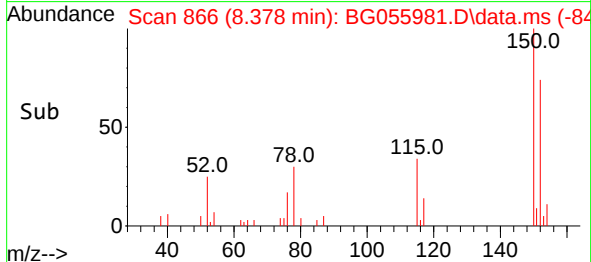
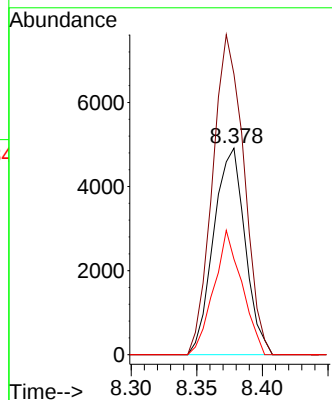
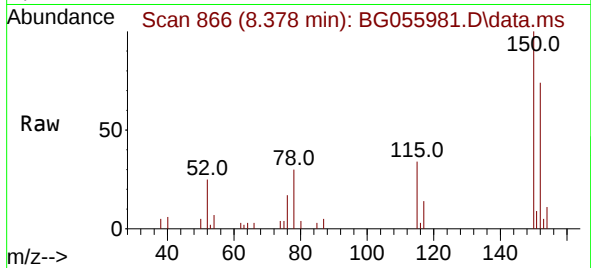




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.378 min Scan# 866
Delta R.T. 0.002 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

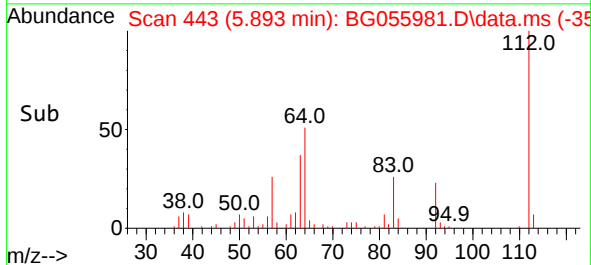
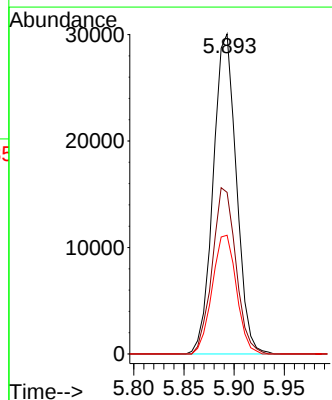
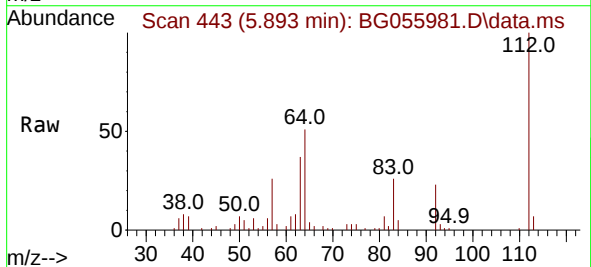
Instrument :
BNA_G
ClientSampleId :
TP-R

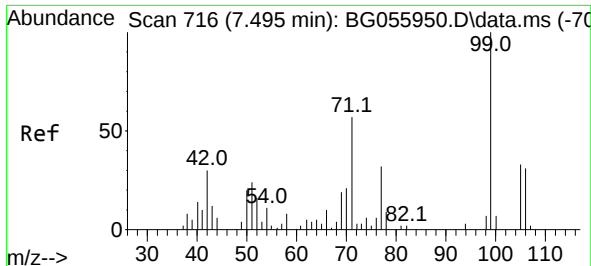
Tgt Ion:152 Resp: 8204
Ion Ratio Lower Upper
152 100
150 135.8 115.7 173.5
115 46.3 43.0 64.4



#5
2-Fluorophenol
Concen: 137.912 ng
RT: 5.893 min Scan# 443
Delta R.T. 0.008 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

Tgt Ion:112 Resp: 48245
Ion Ratio Lower Upper
112 100
64 50.5 43.0 64.4
63 37.1 31.4 47.2

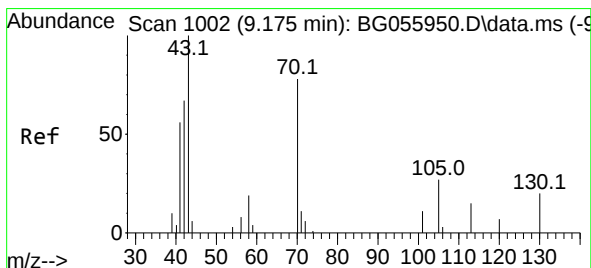
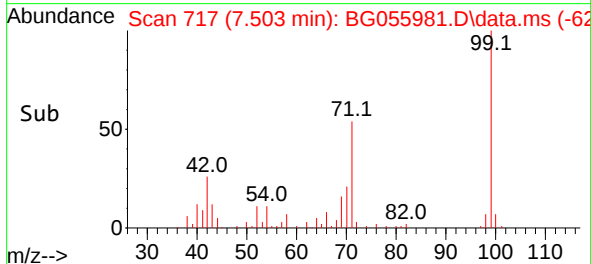
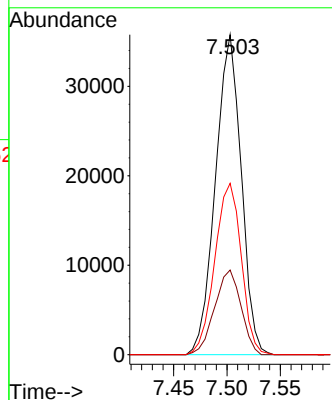
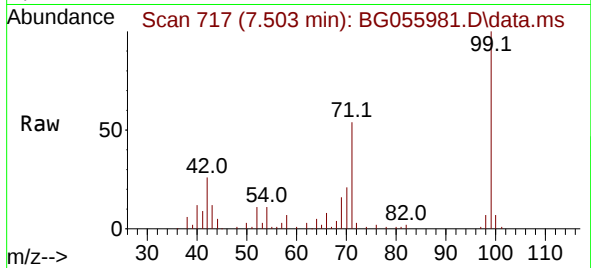




#7
Phenol-d6
Concen: 133.365 ng
RT: 7.503 min Scan# 716
Delta R.T. 0.008 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

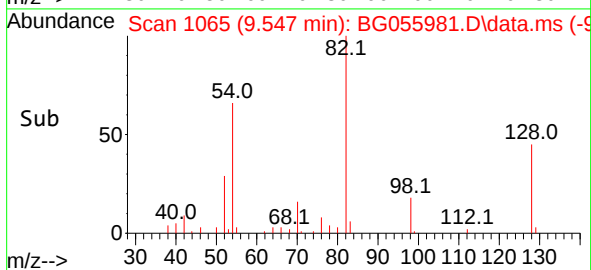
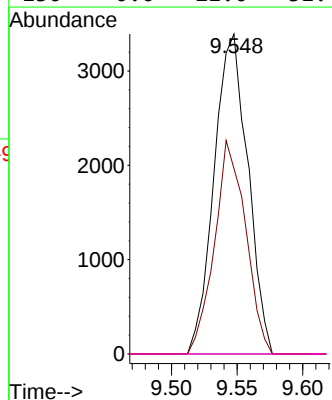
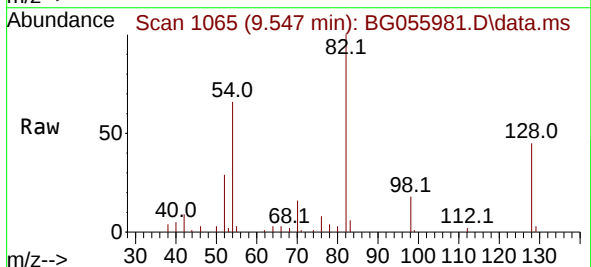
Instrument :
BNA_G
ClientSampleId :
TP-R

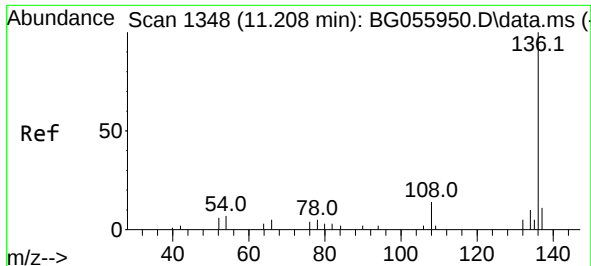
Tgt Ion: 99 Resp: 60004
Ion Ratio Lower Upper
99 100
42 26.4 24.3 36.5
71 53.6 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.769 ng
RT: 9.547 min Scan# 1065
Delta R.T. 0.372 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

Tgt Ion: 70 Resp: 6053
Ion Ratio Lower Upper
70 100
42 58.0 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

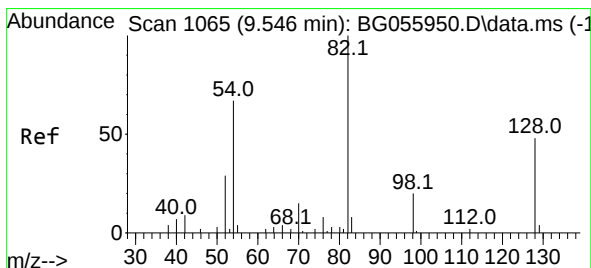
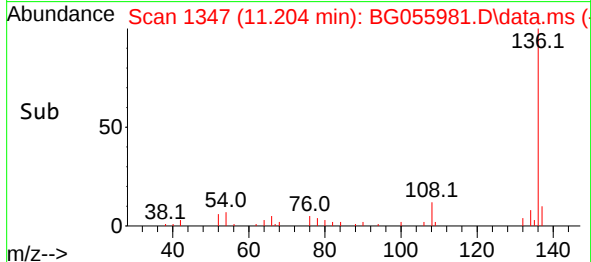
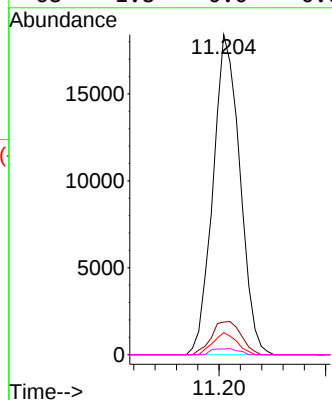
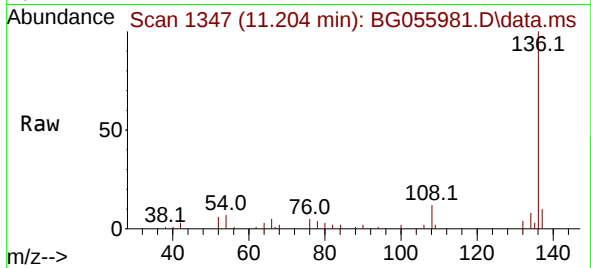




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

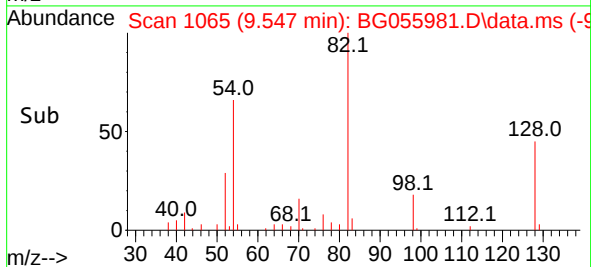
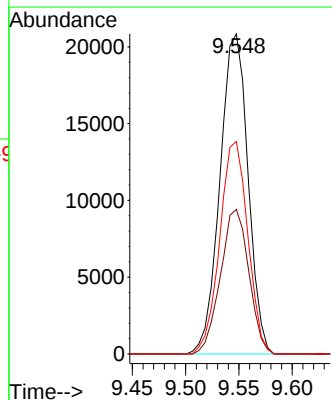
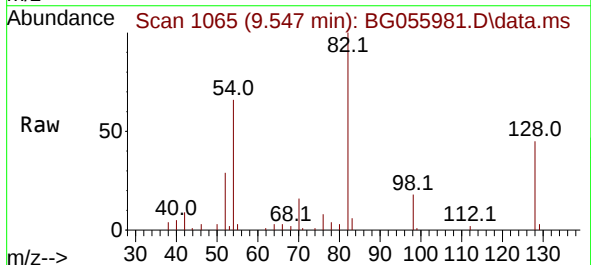
Instrument :
BNA_G
ClientSampleId :
TP-R

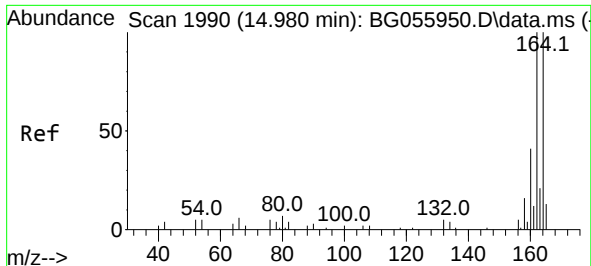
Tgt Ion:	136	Resp:	32263
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.2	13.8
54	6.9	5.6	8.4
68	1.8	0.0	0.0



#23
Nitrobenzene-d5
Concen: 82.547 ng
RT: 9.547 min Scan# 1065
Delta R.T. 0.002 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

Tgt Ion:	82	Resp:	38110
Ion Ratio	Lower	Upper	
82	100		
128	45.2	38.4	57.6
54	66.4	53.3	79.9

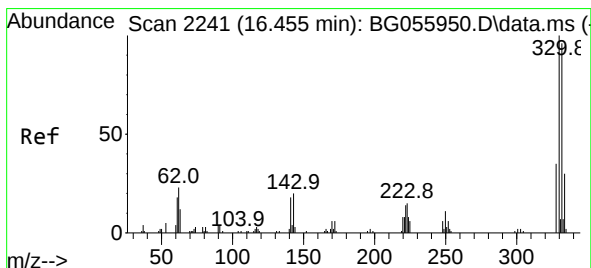
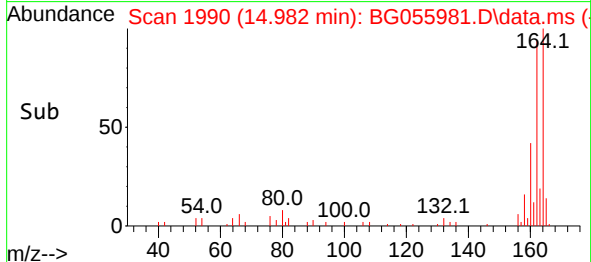
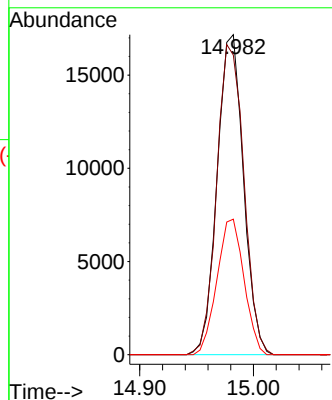
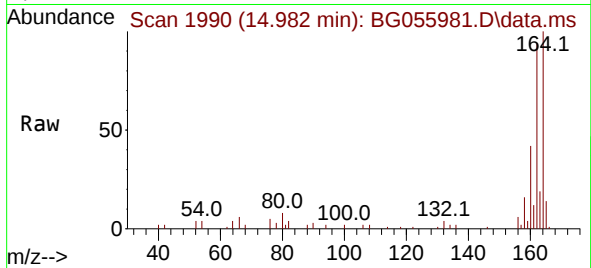




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.982 min Scan# 1990
Delta R.T. 0.002 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

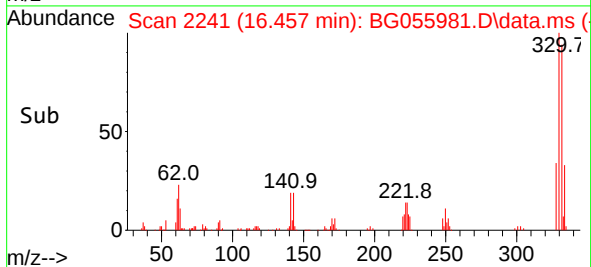
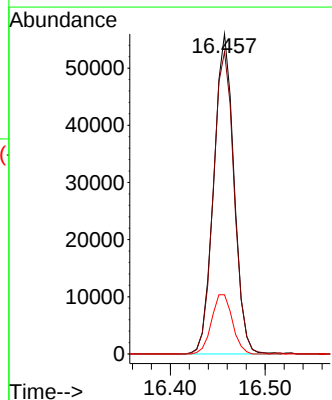
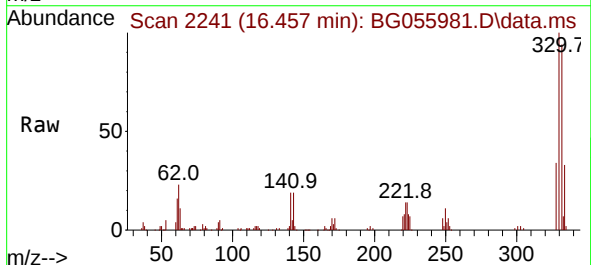
Instrument :
BNA_G
ClientSampleId :
TP-R

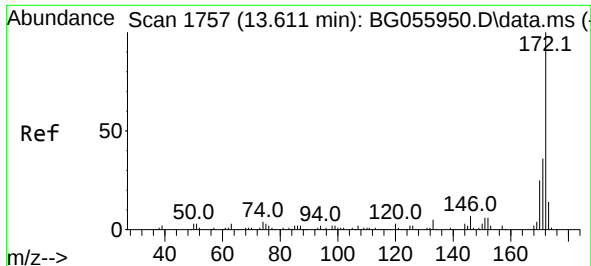
Tgt Ion:164 Resp: 27602
Ion Ratio Lower Upper
164 100
162 93.6 79.8 119.8
160 42.3 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 124.220 ng
RT: 16.457 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

Tgt Ion:330 Resp: 82677
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 19.1 15.0 22.4

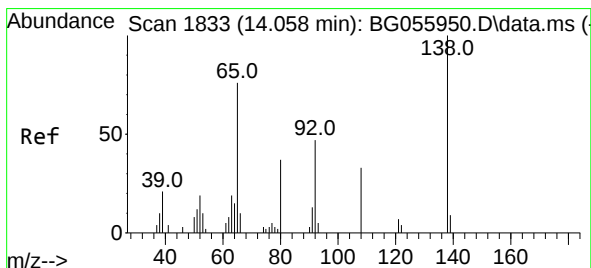
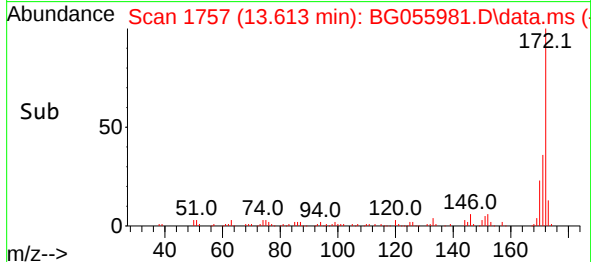
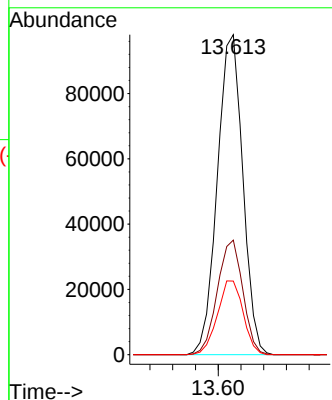
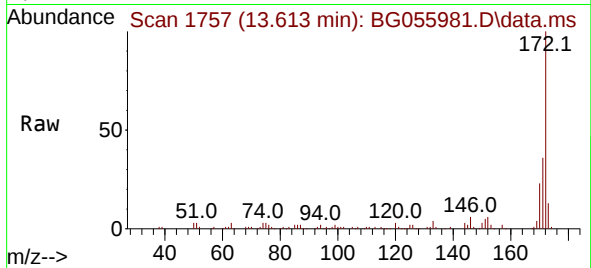




#45
2-Fluorobiphenyl
Concen: 77.460 ng
RT: 13.613 min Scan# 1756
Delta R.T. 0.002 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

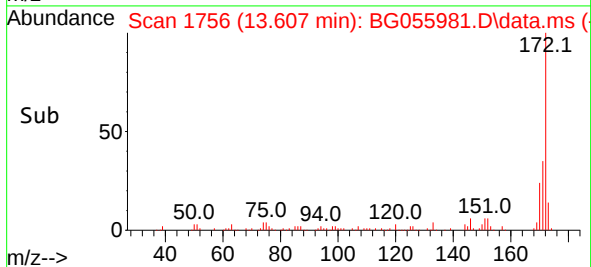
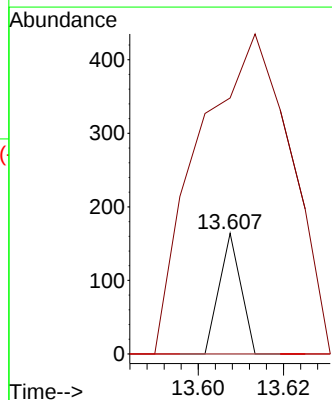
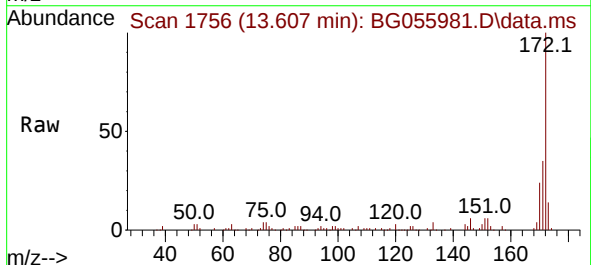
Instrument :
BNA_G
ClientSampleId :
TP-R

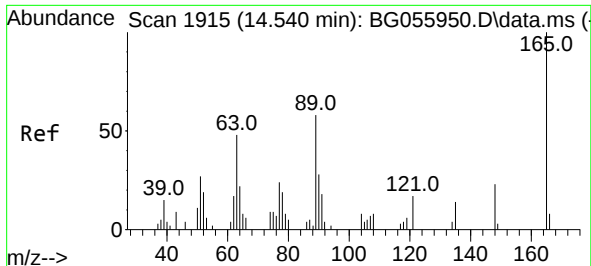
Tgt Ion:172 Resp: 152448
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.0 19.9 29.9



#48
2-Nitroaniline
Concen: 2.997 ng
RT: 13.607 min Scan# 1756
Delta R.T. -0.451 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

Tgt Ion: 65 Resp: 58
Ion Ratio Lower Upper
65 100
92 212.2 49.7 74.5#
138 0.0 105.0 157.6#

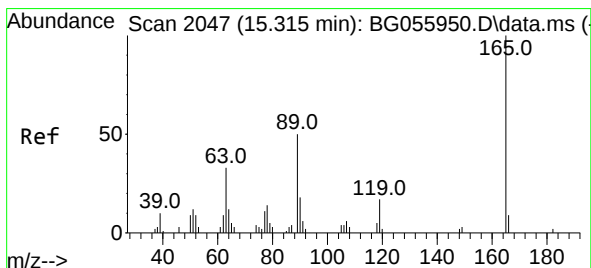
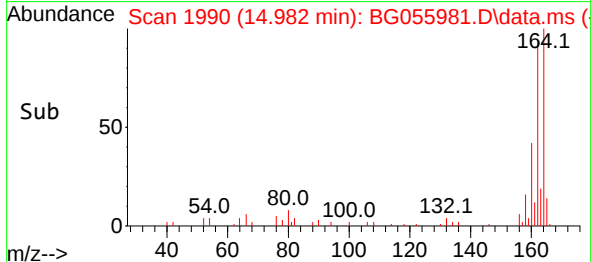
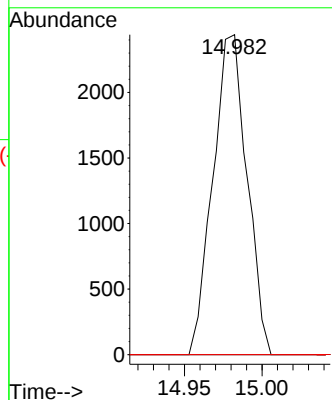
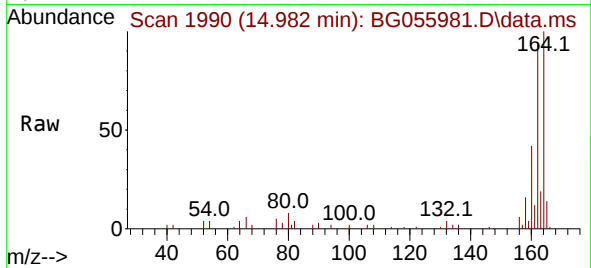




#51
2,6-Dinitrotoluene
Concen: 10.071 ng
RT: 14.982 min Scan# 1990
Delta R.T. 0.442 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

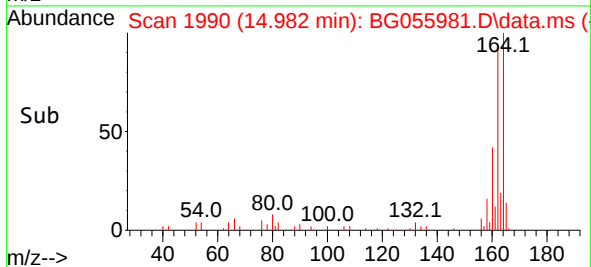
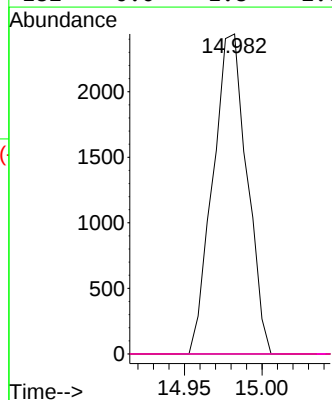
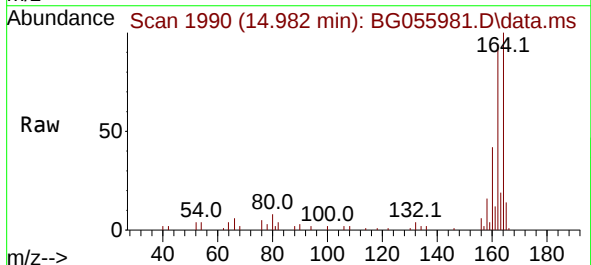
Instrument :
BNA_G
ClientSampleId :
TP-R

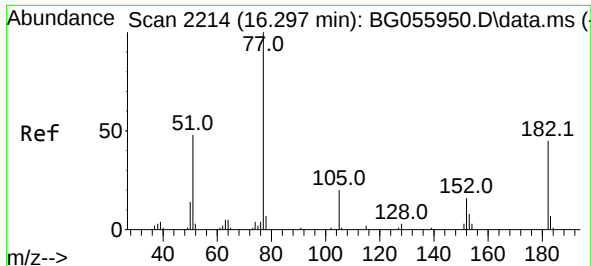
Tgt Ion:165 Resp: 3719
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.672 ng
RT: 14.982 min Scan# 1990
Delta R.T. -0.333 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

Tgt Ion:165 Resp: 3719
Ion Ratio Lower Upper
165 100
63 0.0 26.6 39.8#
89 0.0 40.1 60.1#
182 0.0 1.8 2.6#

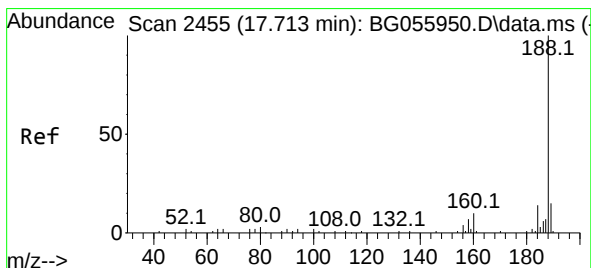
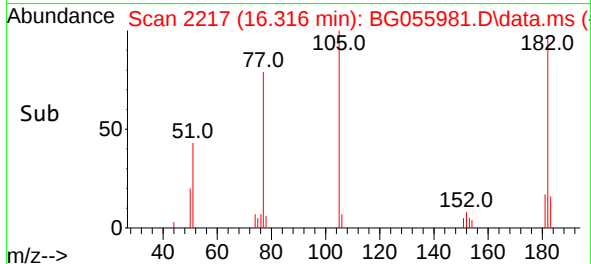
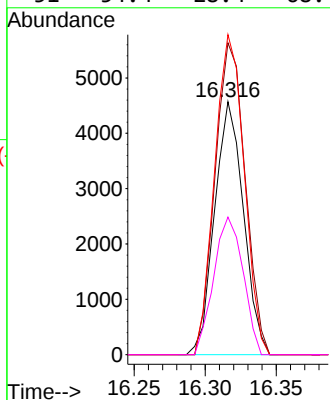
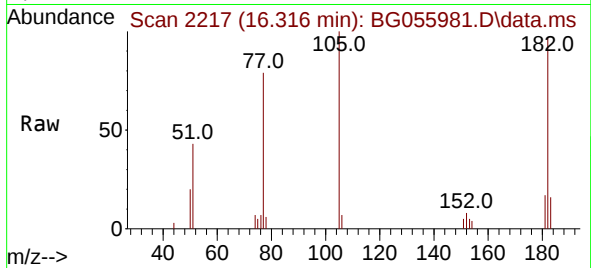




#63
 Azobenzene
 Concen: 4.545 ng
 RT: 16.316 min Scan# 21
 Delta R.T. 0.019 min
 Lab File: BG055981.D
 Acq: 15 Dec 2022 17:48

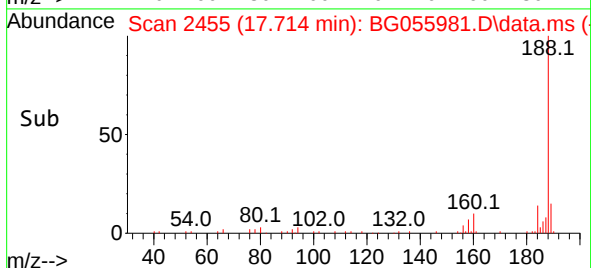
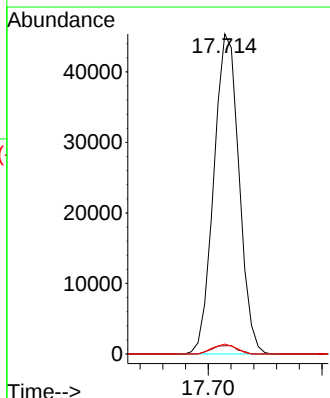
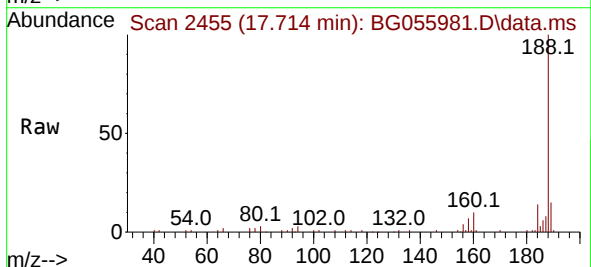
Instrument :
 BNA_G
 ClientSampleId :
 TP-R

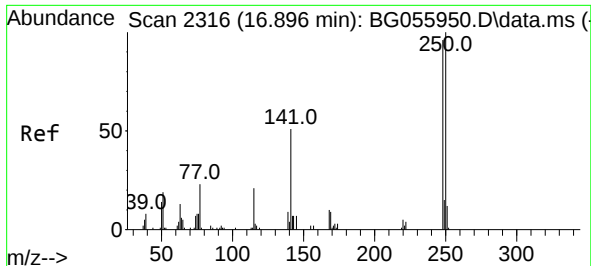
Tgt Ion: 77	Resp: 6452
Ion Ratio	Lower Upper
77 100	
182 123.2	24.7 64.7#
105 126.5	0.3 40.3#
51 54.4	28.4 68.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.714 min Scan# 2455
 Delta R.T. 0.002 min
 Lab File: BG055981.D
 Acq: 15 Dec 2022 17:48

Tgt Ion: 188	Resp: 69811
Ion Ratio	Lower Upper
188 100	
94 2.6	1.8 2.8
80 3.1	2.4 3.6

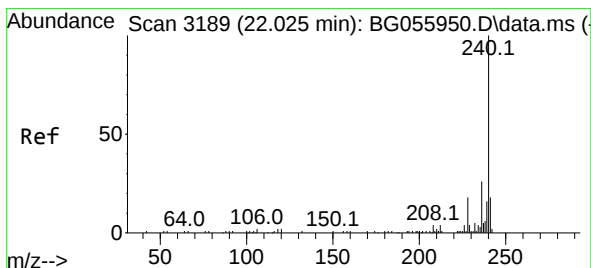
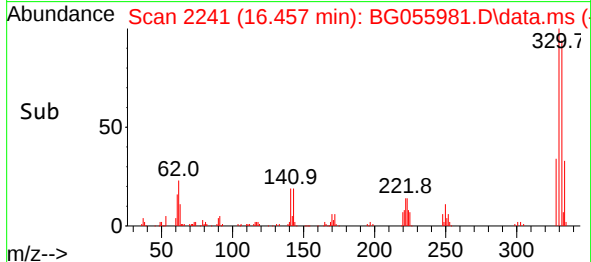
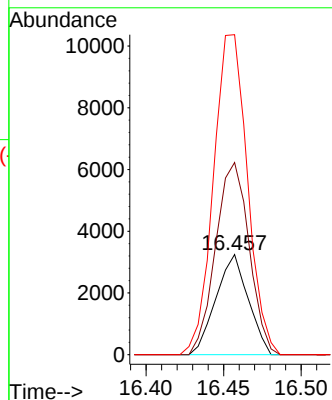
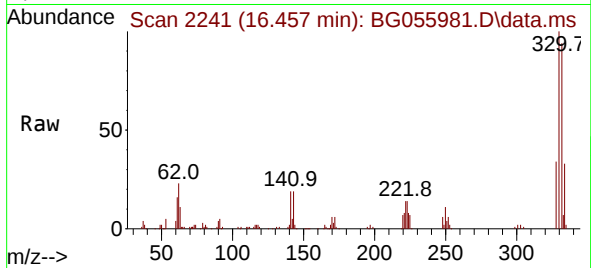




#67
4-Bromophenyl-phenylether
Concen: 4.582 ng
RT: 16.457 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

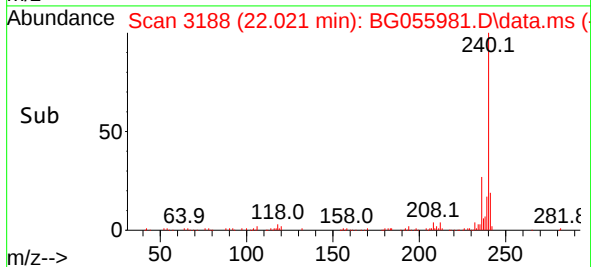
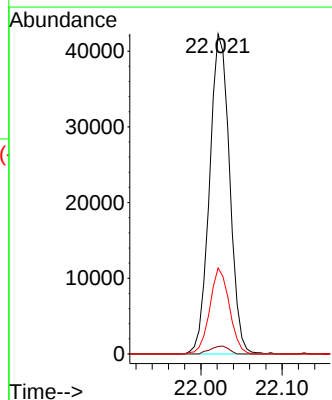
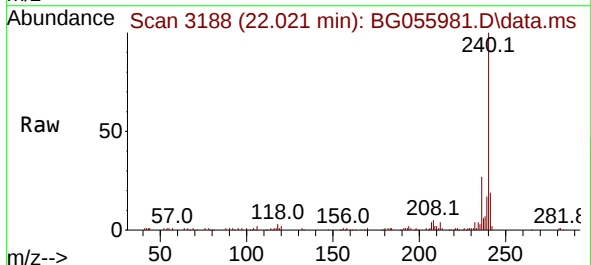
Instrument :
BNA_G
ClientSampleId :
TP-R

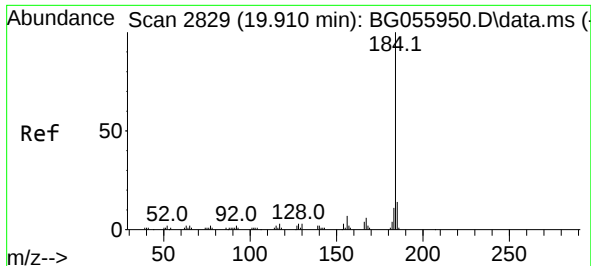
Tgt Ion:248 Resp: 4687
Ion Ratio Lower Upper
248 100
250 191.8 83.0 124.6#
141 319.3 42.6 64.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.021 min Scan# 3188
Delta R.T. -0.004 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

Tgt Ion:240 Resp: 72394
Ion Ratio Lower Upper
240 100
120 2.3 1.7 2.5
236 26.9 21.1 31.7

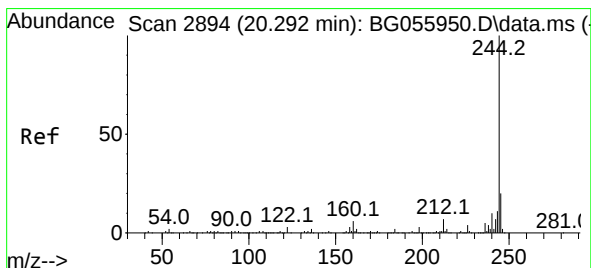
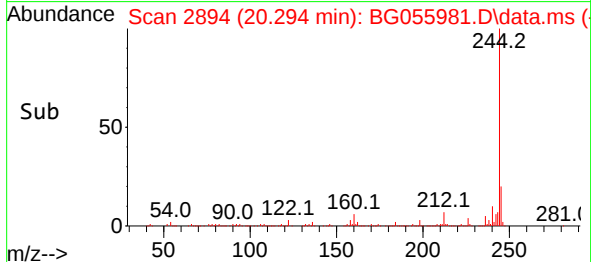
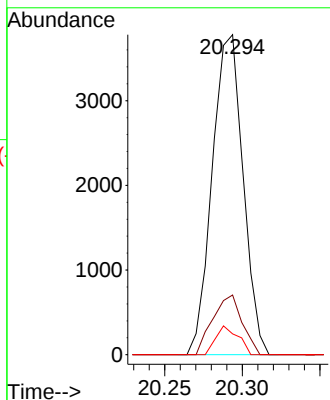
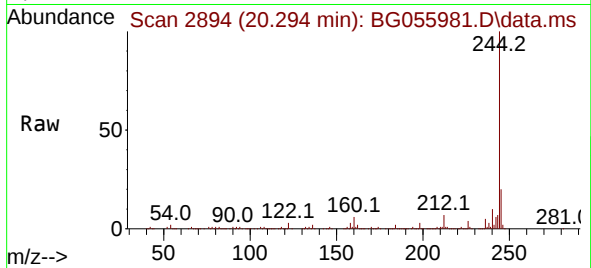




#77
Benzidine
Concen: 4.109 ng
RT: 20.294 min Scan# 2894
Delta R.T. 0.384 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

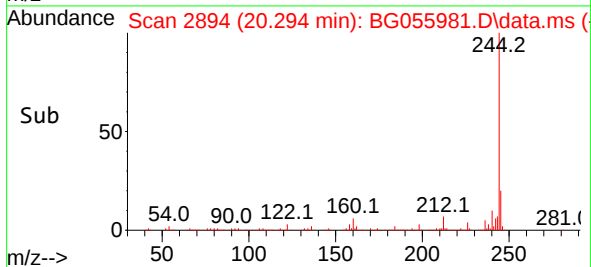
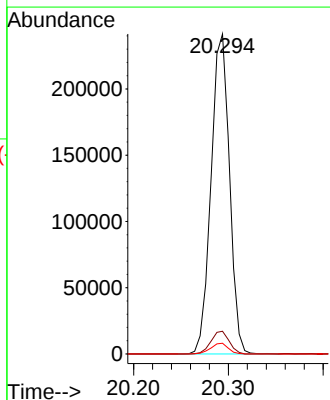
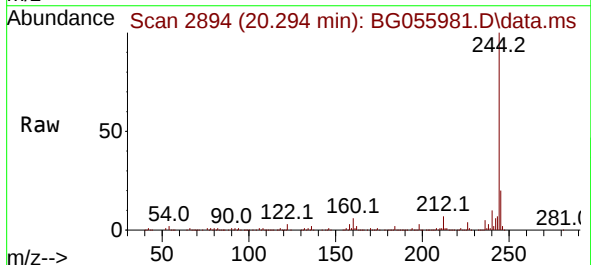
Instrument :
BNA_G
ClientSampleId :
TP-R

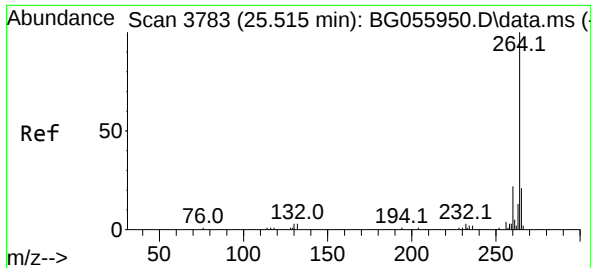
Tgt Ion:184 Resp: 5224
Ion Ratio Lower Upper
184 100
185 18.7 10.9 16.3#
183 6.5 9.2 13.8#



#79
Terphenyl-d14
Concen: 79.374 ng
RT: 20.294 min Scan# 2894
Delta R.T. 0.002 min
Lab File: BG055981.D
Acq: 15 Dec 2022 17:48

Tgt Ion:244 Resp: 325125
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 3.4 2.5 3.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.523 min Scan# 31

Delta R.T. 0.008 min

Lab File: BG055981.D

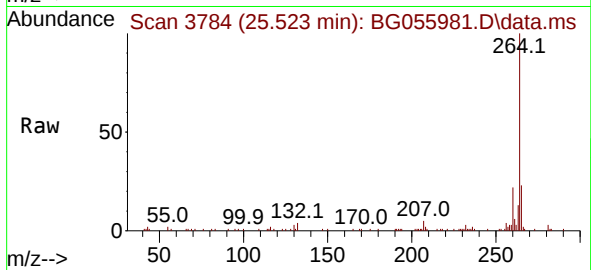
Acq: 15 Dec 2022 17:48

Instrument :

BNA_G

ClientSampleId :

TP-R



Tgt Ion:264 Resp: 88688

Ion Ratio Lower Upper

264 100

260 22.3 17.8 26.8

265 22.8 16.6 25.0

