

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042023\
 Data File : BG057150.D
 Acq On : 20 Apr 2023 17:41
 Operator : CG/JU
 Sample : PB152259BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152259BL

Quant Time: Apr 21 06:06:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 05:53:40 2023
 Response via : Initial Calibration

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

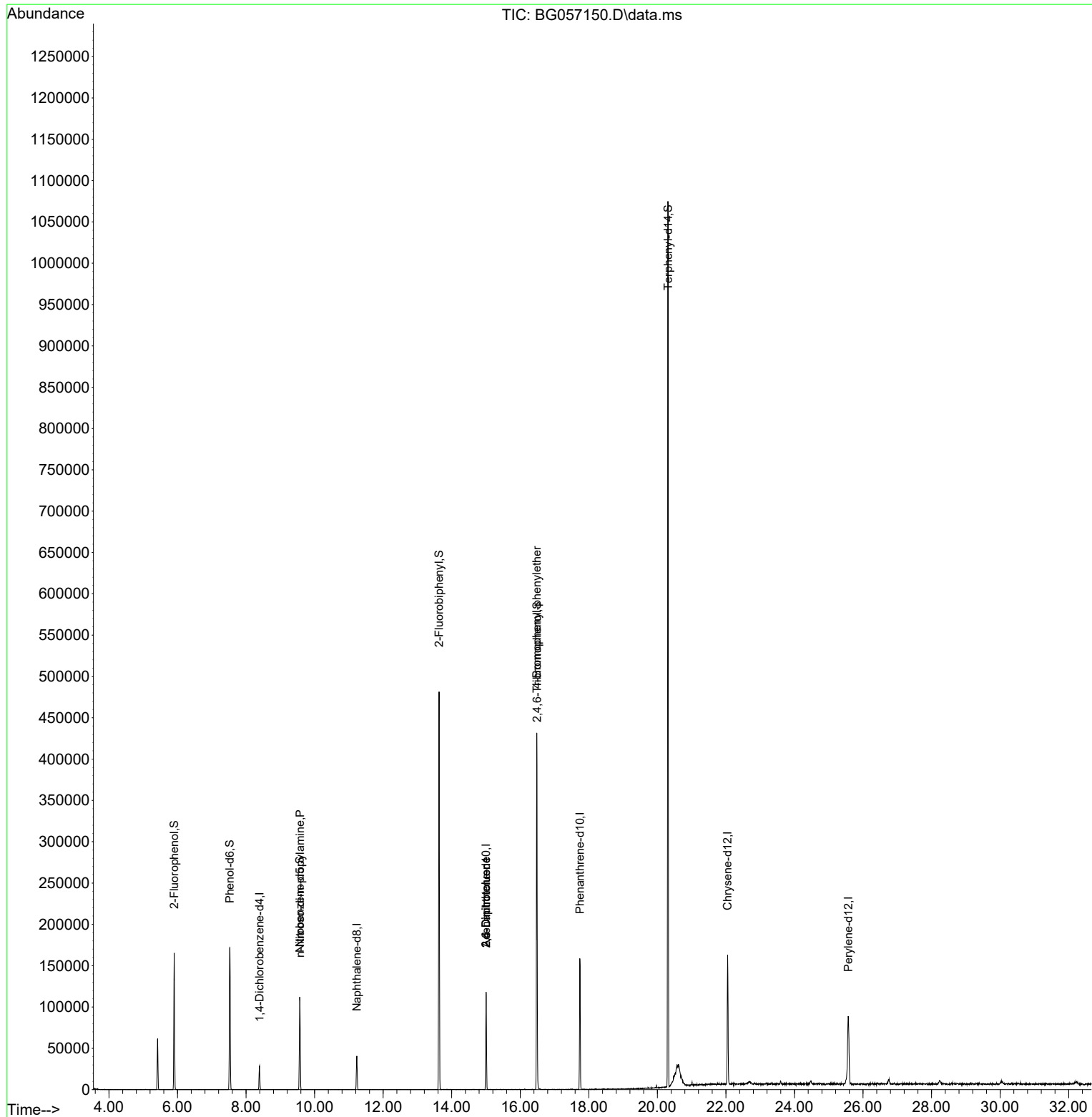
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.393	152	8199	20.000	ng	0.00
21) Naphthalene-d8	11.230	136	33693	20.000	ng	0.00
39) Acenaphthene-d10	15.001	164	40958	20.000	ng	0.00
64) Phenanthrene-d10	17.739	188	101662	20.000	ng	0.00
76) Chrysene-d12	22.051	240	94758	20.000	ng	0.00
86) Perylene-d12	25.570	264	99869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.902	112	63516	138.746	ng	0.00
7) Phenol-d6	7.523	99	93184	129.125	ng	0.00
23) Nitrobenzene-d5	9.568	82	66655	90.385	ng	0.00
42) 2,4,6-Tribromophenol	16.488	330	87032	122.316	ng	0.00
45) 2-Fluorobiphenyl	13.633	172	236150	76.442	ng	0.00
79) Terphenyl-d14	20.312	244	547322	89.401	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.574	70	10170	19.280	ng	# 63
51) 2,6-Dinitrotoluene	15.001	165	5426	7.743	ng	# 17
57) 2,4-Dinitrotoluene	15.001	165	5426	5.462	ng	# 20
67) 4-Bromophenyl-phenylether	16.482	248	5609	4.437	ng	# 1

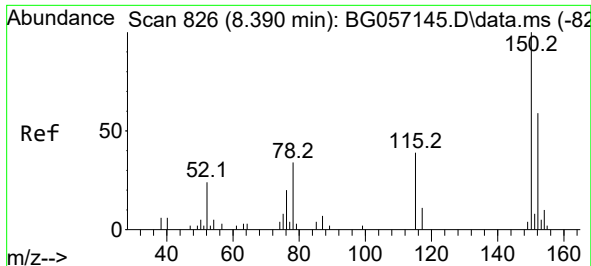
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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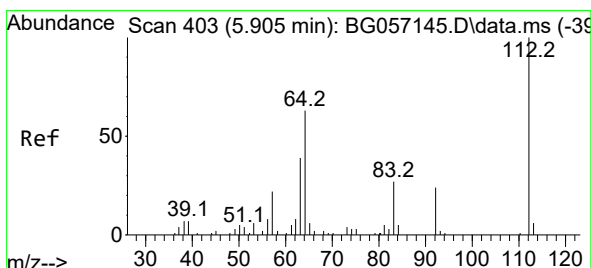
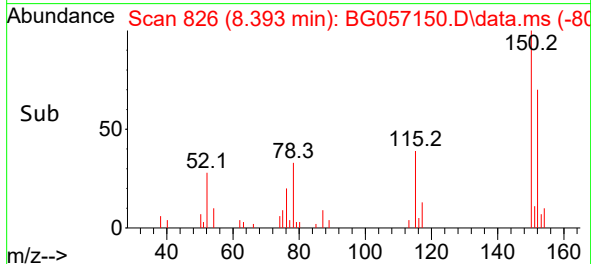
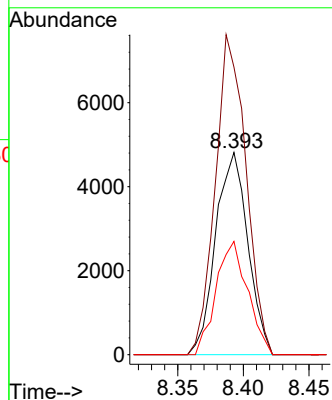
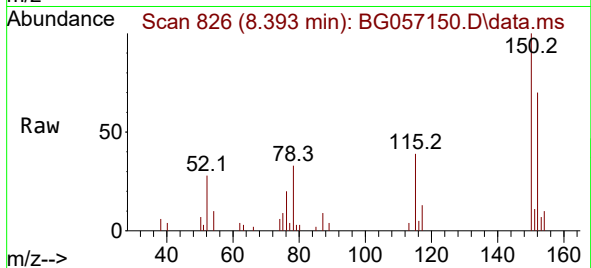




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.393 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

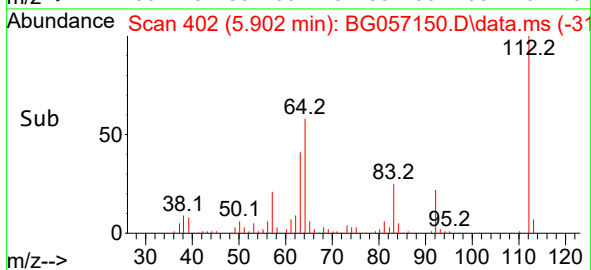
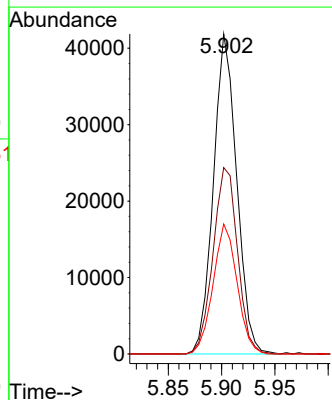
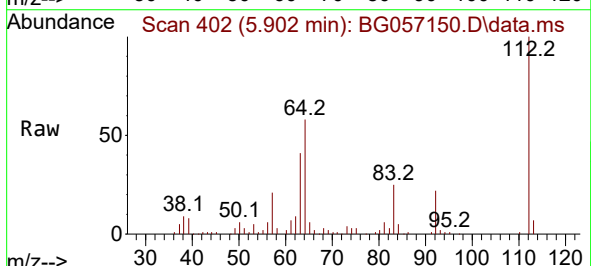
Instrument :
BNA_G
ClientSampleId :
PB152259BL

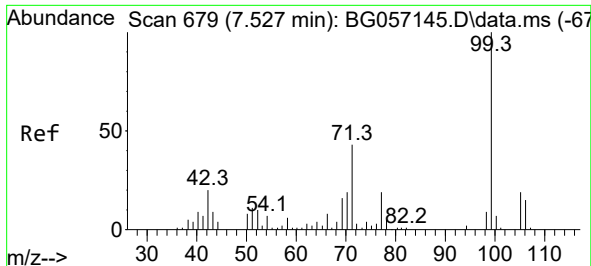
Tgt Ion:152 Resp: 8199
Ion Ratio Lower Upper
152 100
150 142.2 135.4 203.2
115 56.1 52.8 79.2



#5
2-Fluorophenol
Concen: 138.746 ng
RT: 5.902 min Scan# 402
Delta R.T. -0.003 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

Tgt Ion:112 Resp: 63516
Ion Ratio Lower Upper
112 100
64 58.3 50.2 75.4
63 40.6 30.9 46.3

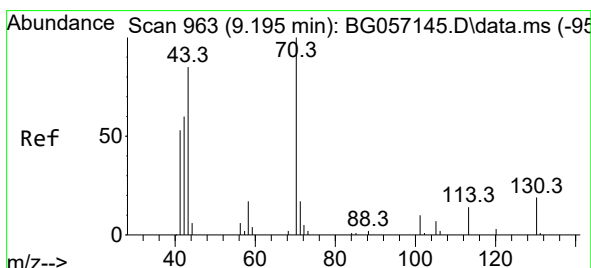
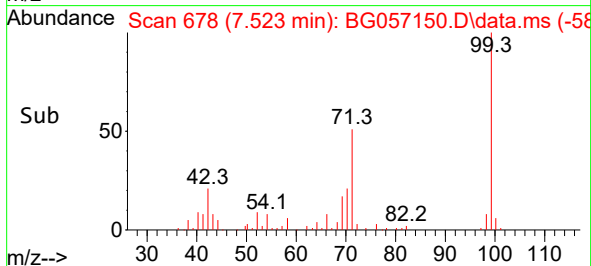
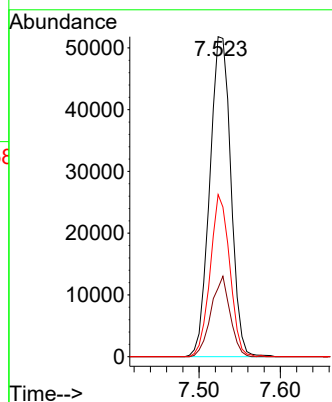
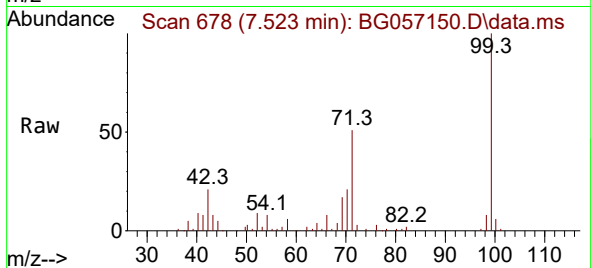




#7
Phenol-d6
Concen: 129.125 ng
RT: 7.523 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

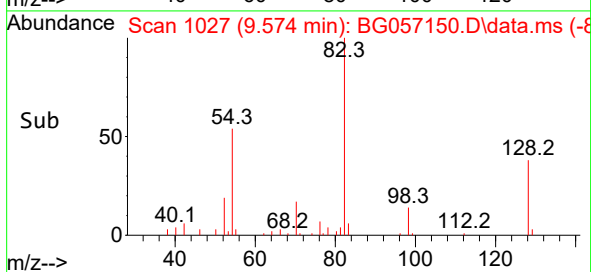
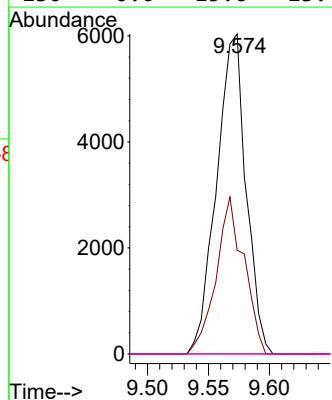
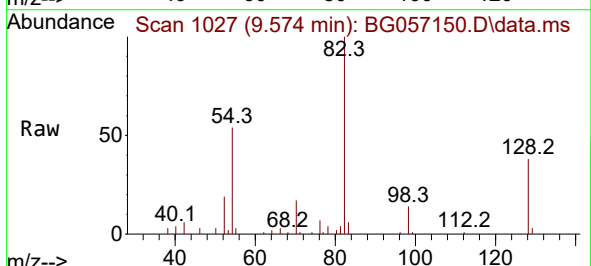
Instrument :
BNA_G
ClientSampleId :
PB152259BL

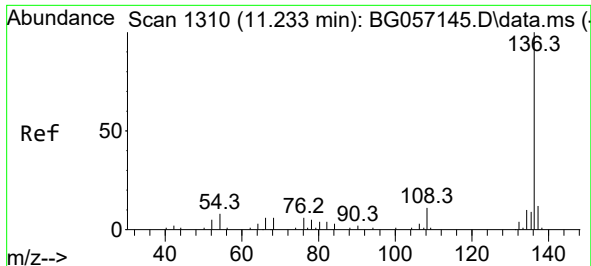
Tgt Ion: 99 Resp: 93184
Ion Ratio Lower Upper
99 100
42 21.5 16.2 24.2
71 50.7 34.3 51.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.280 ng
RT: 9.574 min Scan# 1027
Delta R.T. 0.379 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

Tgt Ion: 70 Resp: 10170
Ion Ratio Lower Upper
70 100
42 32.4 48.0 72.0#
101 0.0 7.8 11.8#
130 0.0 15.6 23.4#

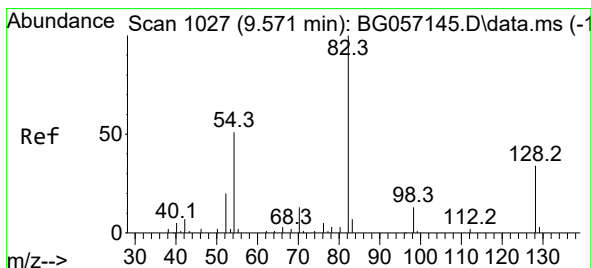
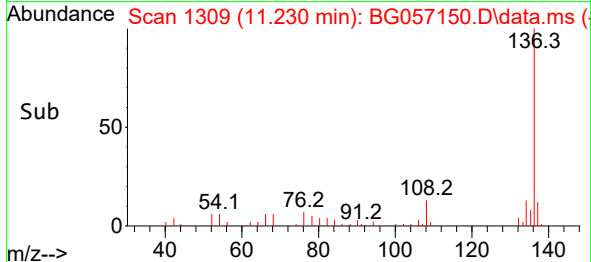
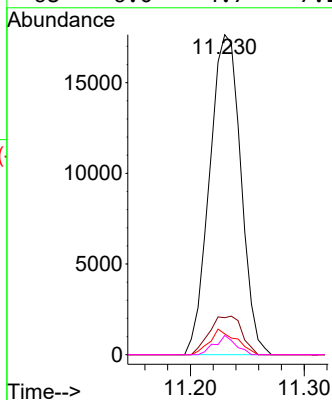
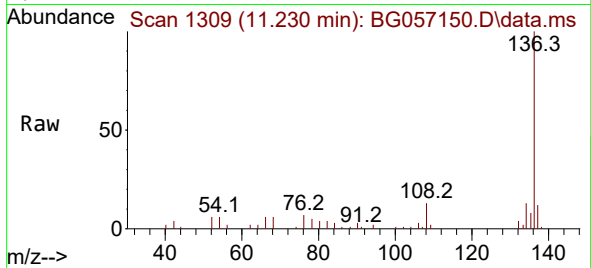




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.230 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

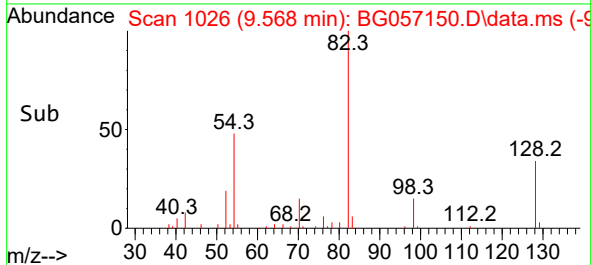
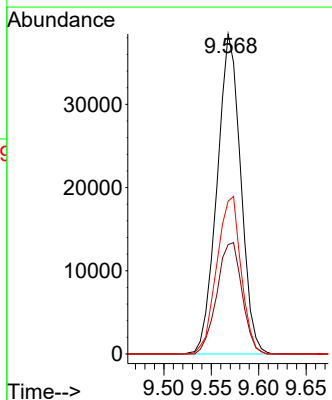
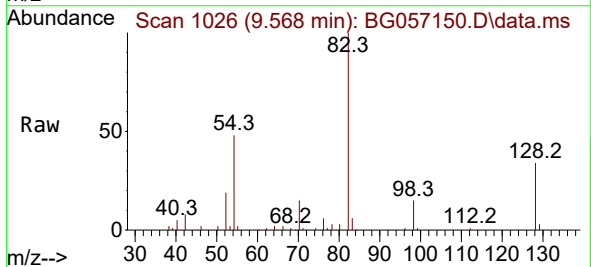
Instrument :
BNA_G
ClientSampleId :
PB152259BL

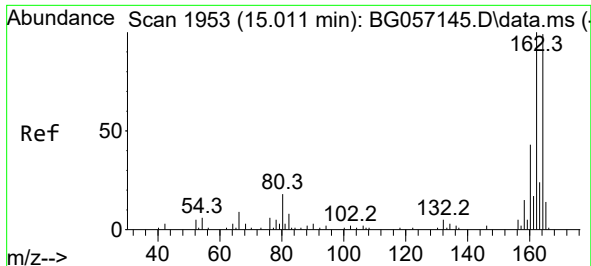
Tgt Ion:	136	Resp:	33693
Ion Ratio	Lower	Upper	
136	100		
137	11.5	10.0	15.0
54	6.5	6.2	9.4
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 90.385 ng
RT: 9.568 min Scan# 1026
Delta R.T. -0.003 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

Tgt Ion:	82	Resp:	66655
Ion Ratio	Lower	Upper	
82	100		
128	34.2	27.4	41.0
54	47.8	40.4	60.6

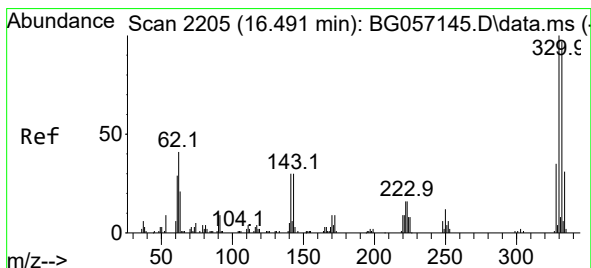
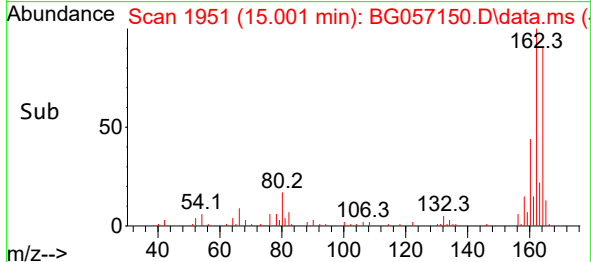
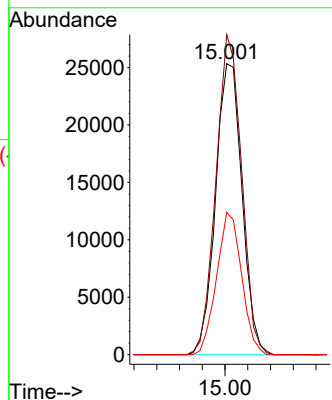
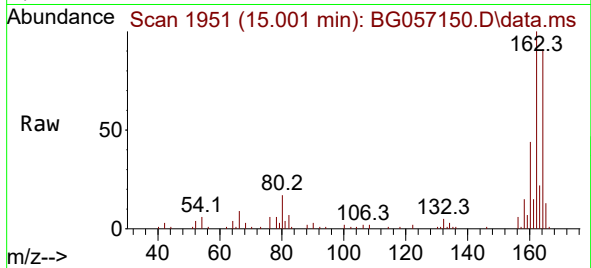




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.001 min Scan# 1953
Delta R.T. -0.009 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

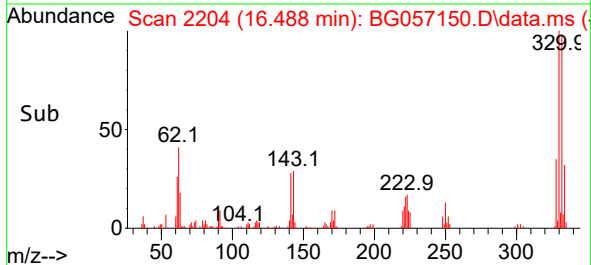
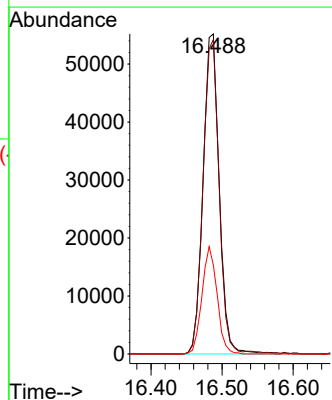
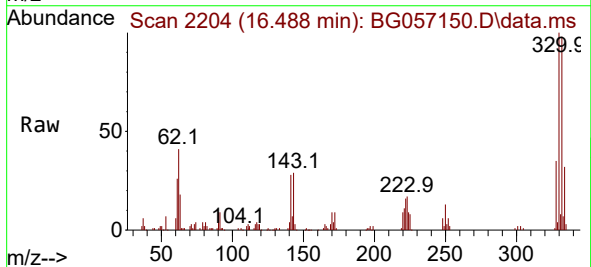
Instrument :
BNA_G
ClientSampleId :
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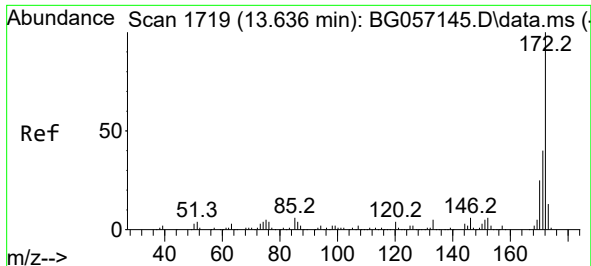
Tgt Ion:164 Resp: 40958
Ion Ratio Lower Upper
164 100
162 109.9 81.0 121.4
160 48.9 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 122.316 ng
RT: 16.488 min Scan# 2204
Delta R.T. -0.003 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

Tgt Ion:330 Resp: 87032
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 31.3 24.5 36.7

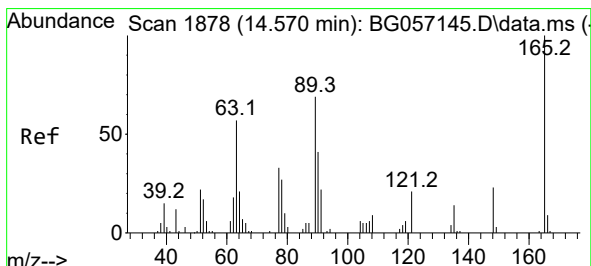
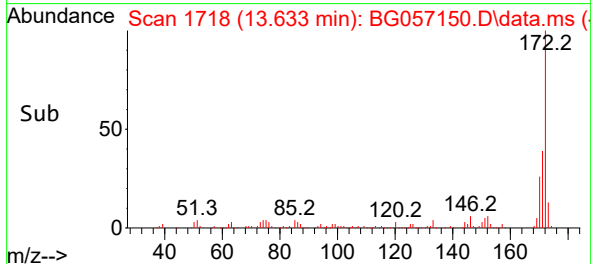
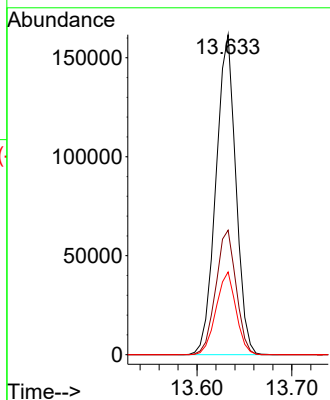
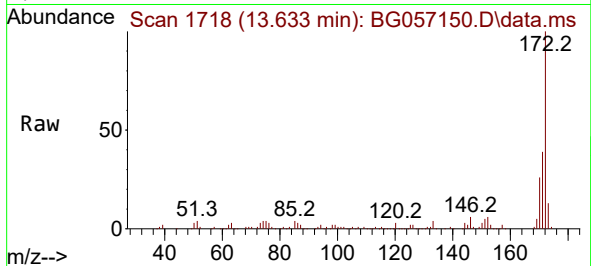




#45
2-Fluorobiphenyl
Concen: 76.442 ng
RT: 13.633 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

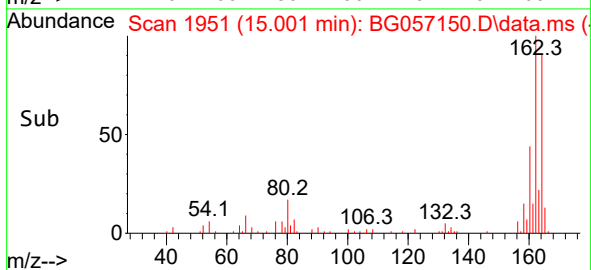
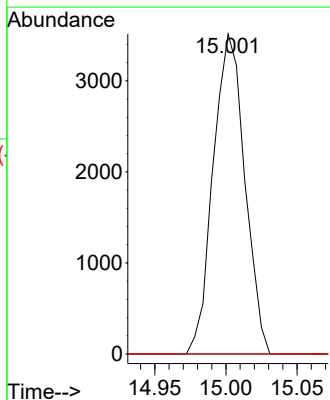
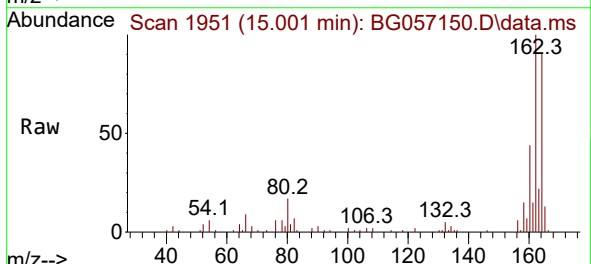
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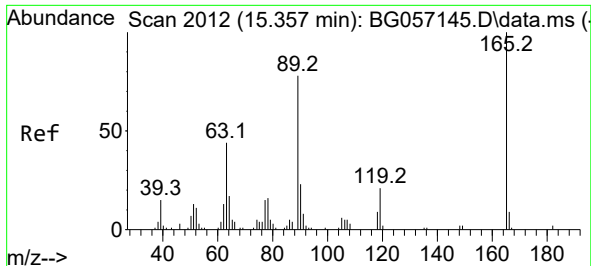
Tgt Ion:172 Resp: 236150
Ion Ratio Lower Upper
172 100
171 38.9 31.8 47.8
170 25.8 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 7.743 ng
RT: 15.001 min Scan# 1951
Delta R.T. 0.431 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

Tgt Ion:165 Resp: 5426
Ion Ratio Lower Upper
165 100
63 0.0 49.7 74.5#
89 0.0 55.2 82.8#





#57

2,4-Dinitrotoluene

Concen: 5.462 ng

RT: 15.001 min Scan# 1951

Delta R.T. -0.356 min

Lab File: BG057150.D

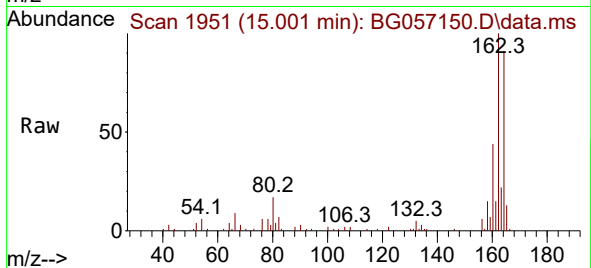
Acq: 20 Apr 2023 17:41

Instrument :

BNA_G

ClientSampleId :

PB152259BL



Tgt Ion:165 Resp: 5426

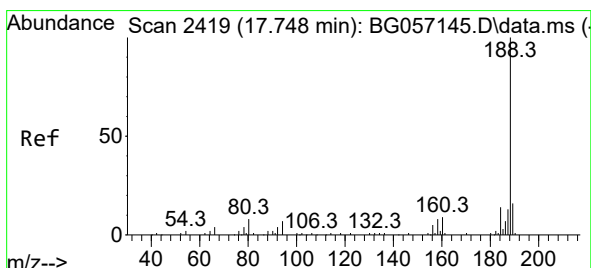
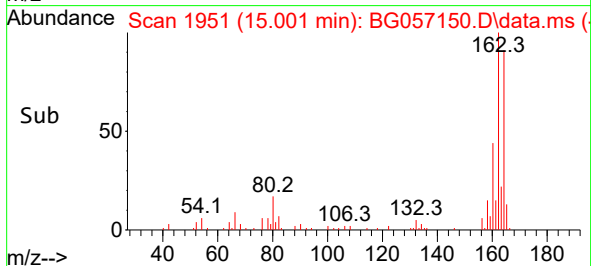
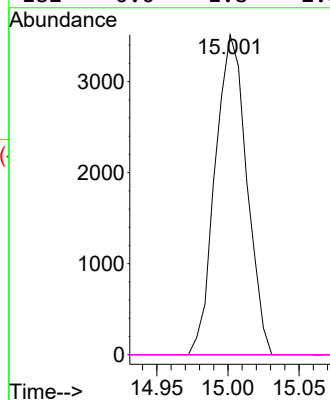
Ion Ratio Lower Upper

165 100

63 0.0 35.1 52.7#

89 0.0 62.5 93.7#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.739 min Scan# 2417

Delta R.T. -0.009 min

Lab File: BG057150.D

Acq: 20 Apr 2023 17:41

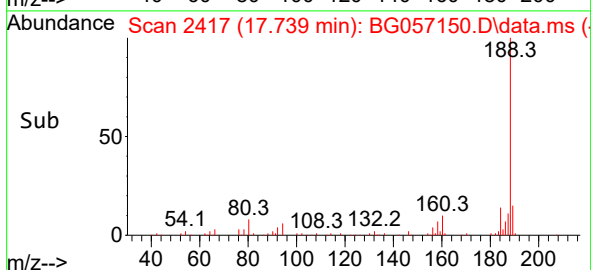
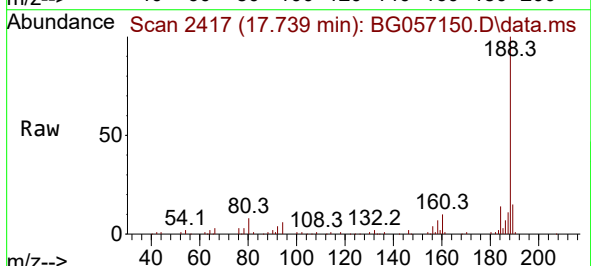
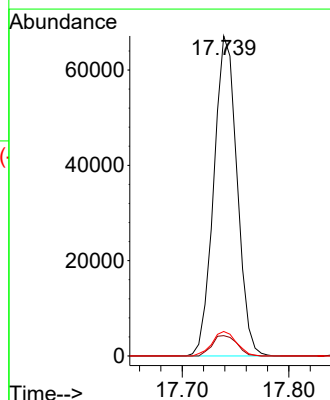
Tgt Ion:188 Resp: 101662

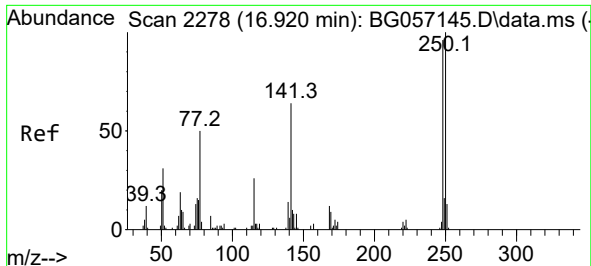
Ion Ratio Lower Upper

188 100

94 6.4 5.5 8.3

80 7.6 6.3 9.5

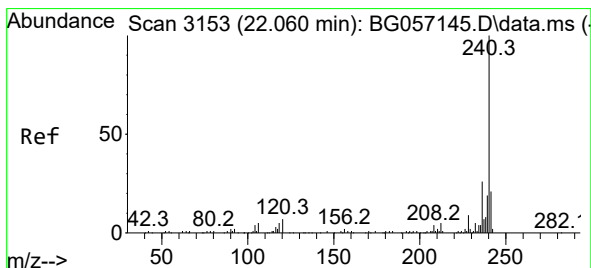
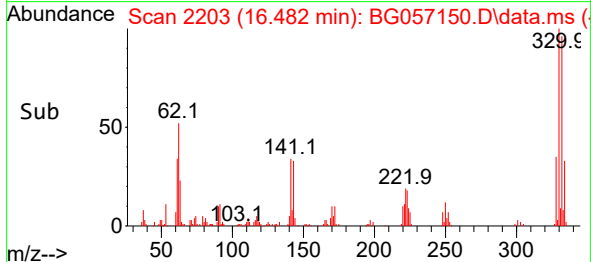
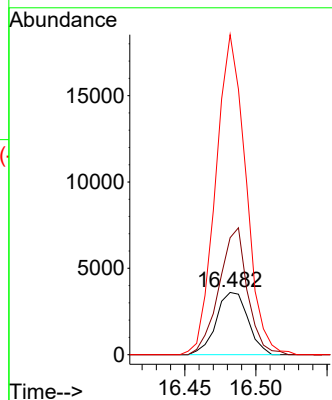
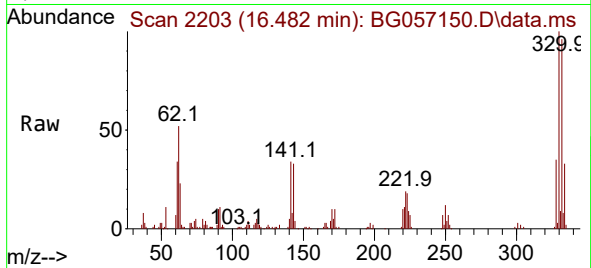




#67
4-Bromophenyl-phenylether
Concen: 4.437 ng
RT: 16.482 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

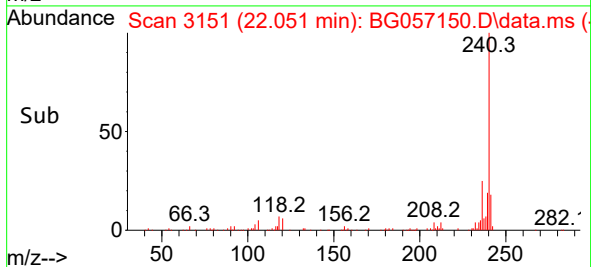
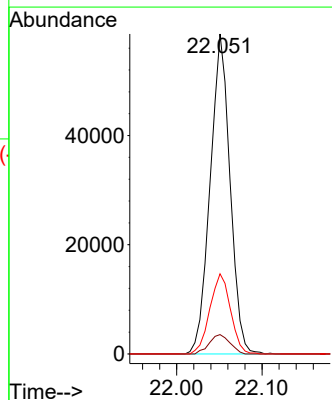
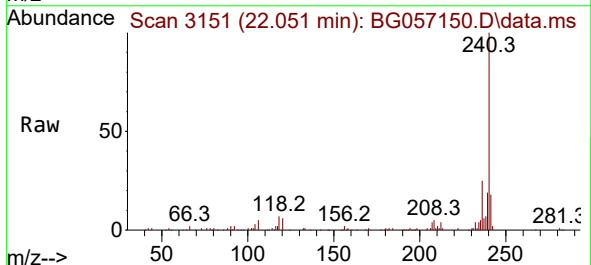
Instrument :
BNA_G
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PB152259BL

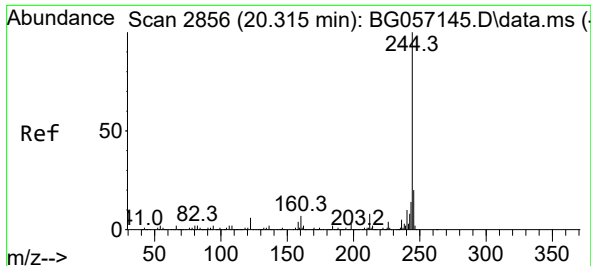
Tgt Ion:248 Resp: 5609
Ion Ratio Lower Upper
248 100
250 187.9 83.0 124.4#
141 514.1 53.2 79.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.051 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

Tgt Ion:240 Resp: 94758
Ion Ratio Lower Upper
240 100
120 6.0 5.2 7.8
236 25.1 20.8 31.2

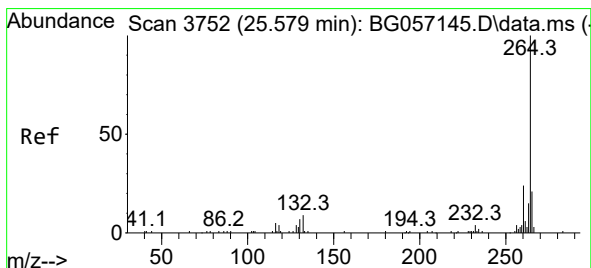
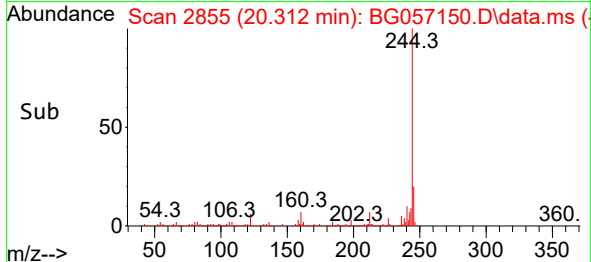
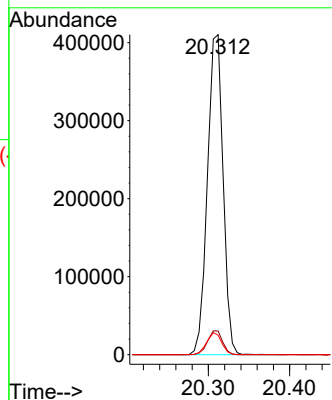
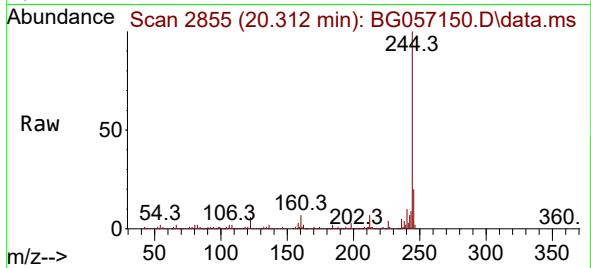




#79
 Terphenyl-d14
 Concen: 89.401 ng
 RT: 20.312 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057150.D
 Acq: 20 Apr 2023 17:41

Instrument :
 BNA_G
 ClientSampleId :
 PB152259BL

Tgt Ion:244 Resp: 547322
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.570 min Scan# 3750
 Delta R.T. -0.009 min
 Lab File: BG057150.D
 Acq: 20 Apr 2023 17:41

Tgt Ion:264 Resp: 99869
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 20.9 17.6 26.4

