

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056404.D
 Acq On : 24 Jan 2023 15:40
 Operator : CG/JU
 Sample : PB150385BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150385BL

Quant Time: Jan 25 05:31:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

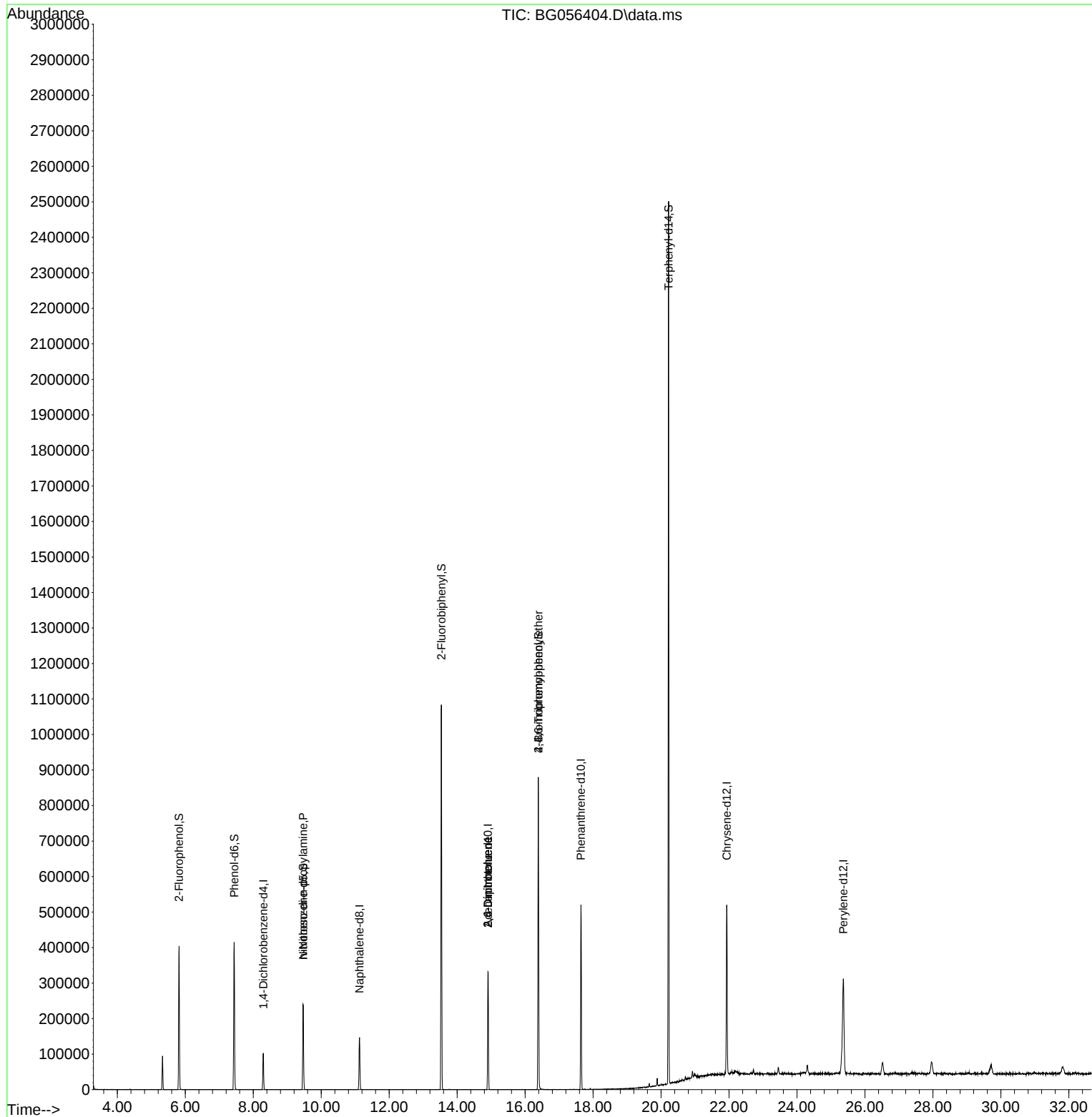
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	33682	20.000	ng	0.00
21) Naphthalene-d8	11.128	136	143930	20.000	ng	0.00
39) Acenaphthene-d10	14.906	164	134715	20.000	ng	0.00
64) Phenanthrene-d10	17.644	188	361387	20.000	ng	0.00
76) Chrysene-d12	21.933	240	326308	20.000	ng	# 0.00
86) Perylene-d12	25.364	264	340456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	229998	121.923	ng	0.00
7) Phenol-d6	7.438	99	325933	112.507	ng	0.00
23) Nitrobenzene-d5	9.465	82	170598	60.629	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	191878	112.463	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	644410	66.055	ng	0.00
79) Terphenyl-d14	20.223	244	1365431	74.946	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.465	70	20641	11.717	ng	# 74
51) 2,6-Dinitrotoluene	14.906	165	17306	7.468	ng	# 31
57) 2,4-Dinitrotoluene	14.906	165	17306	5.340	ng	# 28
67) 4-Bromophenyl-phenylether	16.392	248	14875	3.232	ng	# 1

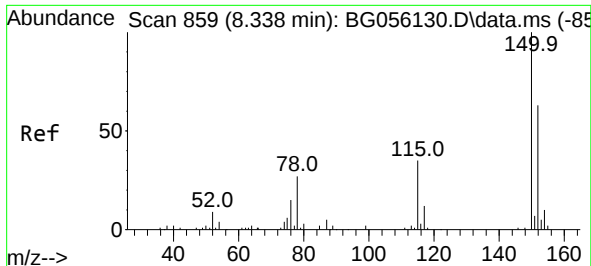
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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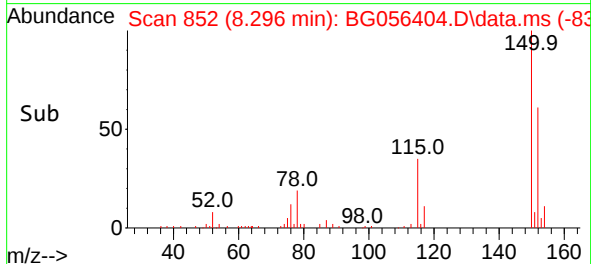
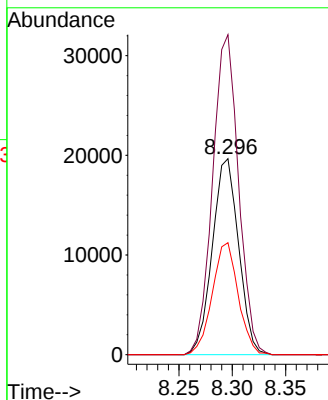
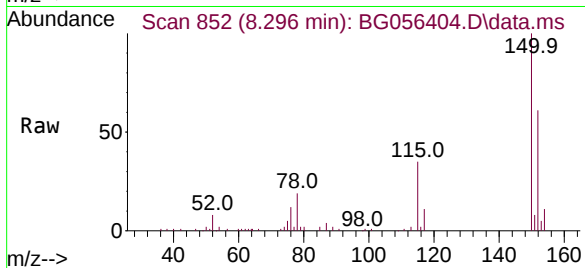




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.296 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG056404.D
Acq: 24 Jan 2023 15:40

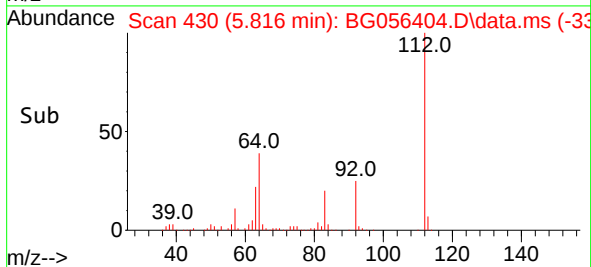
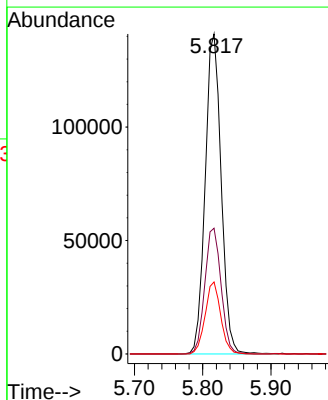
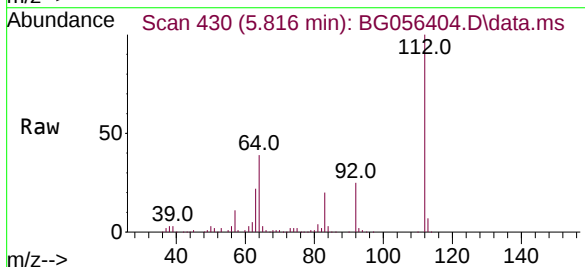
Instrument :
BNA_G
ClientSampleId :
PB150385BL

Tgt Ion:152 Resp: 33682
Ion Ratio Lower Upper
152 100
150 163.2 127.9 191.9
115 57.1 44.2 66.2



#5
2-Fluorophenol
Concen: 121.923 ng
RT: 5.816 min Scan# 430
Delta R.T. 0.003 min
Lab File: BG056404.D
Acq: 24 Jan 2023 15:40

Tgt Ion:112 Resp: 229998
Ion Ratio Lower Upper
112 100
64 39.3 33.3 49.9
63 22.5 19.0 28.4

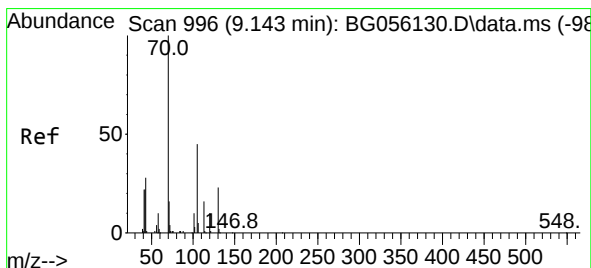
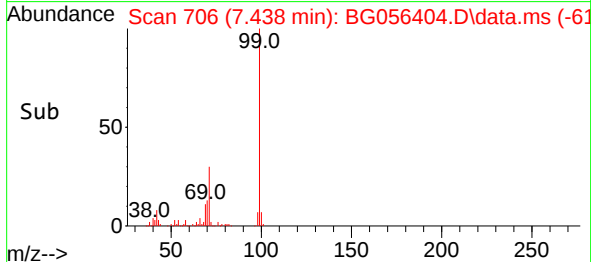
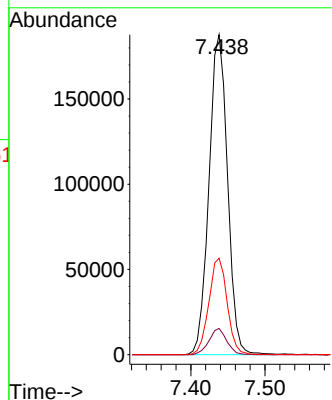
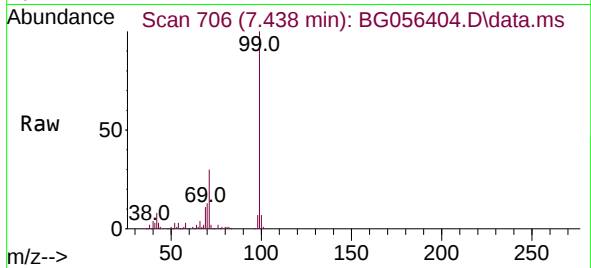




#7
Phenol-d6
Concen: 112.507 ng
RT: 7.438 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG056404.D
Acq: 24 Jan 2023 15:40

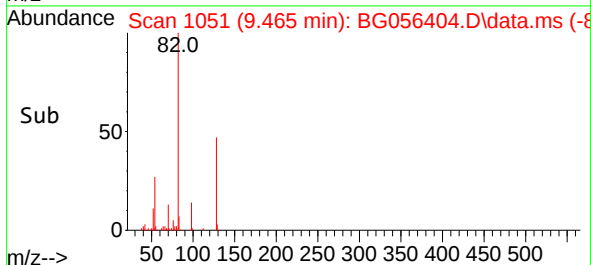
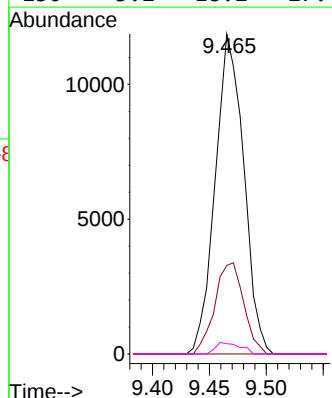
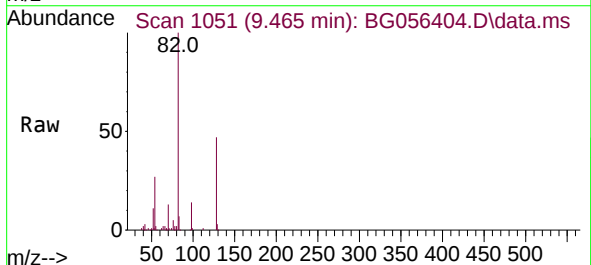
Instrument :
BNA_G
ClientSampleId :
PB150385BL

Tgt Ion: 99 Resp: 325933
Ion Ratio Lower Upper
99 100
42 8.2 5.9 8.9
71 30.2 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.717 ng
RT: 9.465 min Scan# 1051
Delta R.T. 0.367 min
Lab File: BG056404.D
Acq: 24 Jan 2023 15:40

Tgt Ion: 70 Resp: 20641
Ion Ratio Lower Upper
70 100
42 27.6 18.2 27.2#
101 0.0 8.3 12.5#
130 3.2 18.2 27.4#



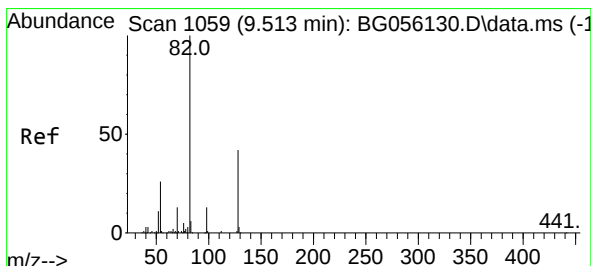
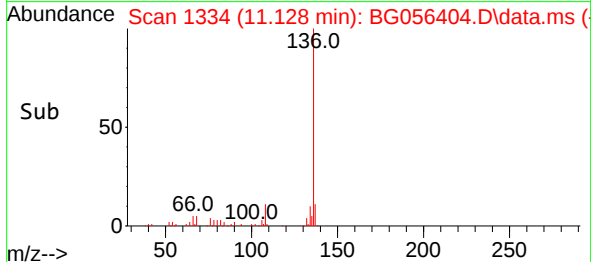
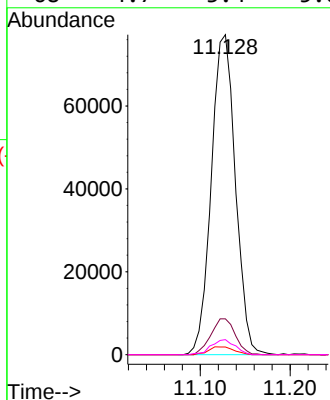
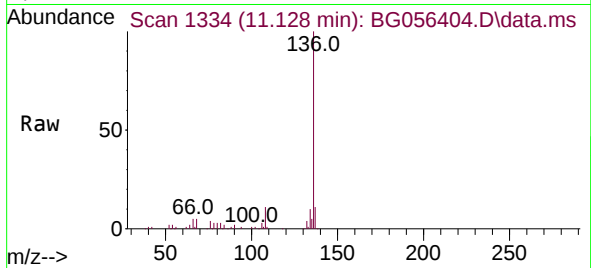


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.128 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056404.D
Acq: 24 Jan 2023 15:40

Instrument :
BNA_G
ClientSampleId :
PB150385BL

Tgt Ion:136 Resp: 143930

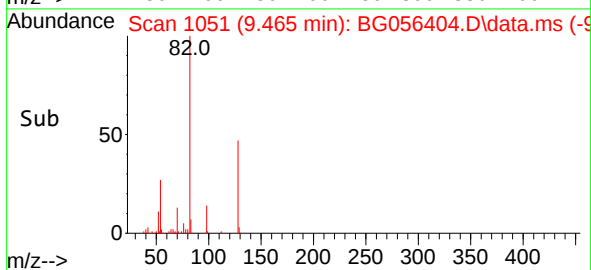
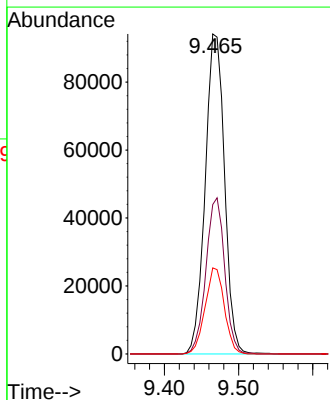
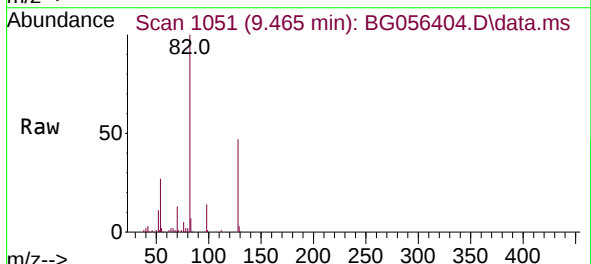
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	2.4	2.2	3.2
68	4.7	3.4	5.0

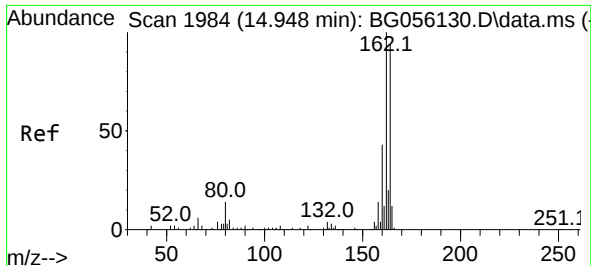


#23
Nitrobenzene-d5
Concen: 60.629 ng
RT: 9.465 min Scan# 1051
Delta R.T. -0.009 min
Lab File: BG056404.D
Acq: 24 Jan 2023 15:40

Tgt Ion: 82 Resp: 170598

Ion	Ratio	Lower	Upper
82	100		
128	46.7	33.4	50.2
54	26.9	20.3	30.5

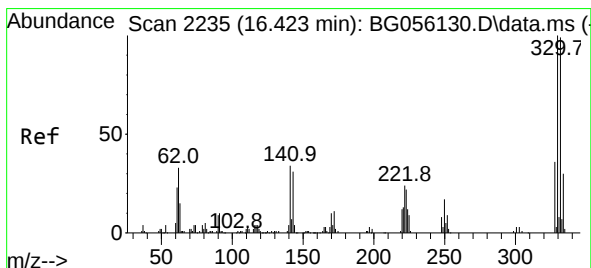
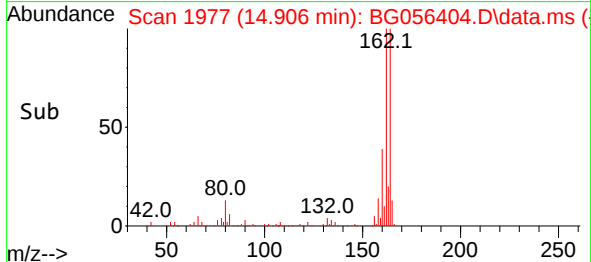
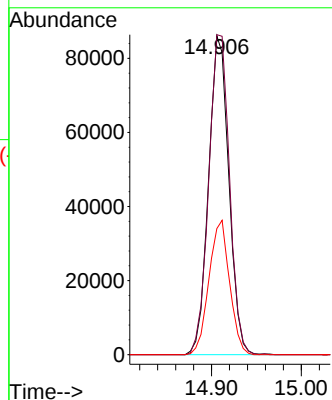
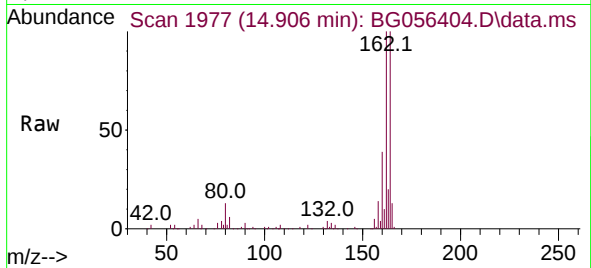




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.906 min Scan# 1984
Delta R.T. -0.009 min
Lab File: BG056404.D
Acq: 24 Jan 2023 15:40

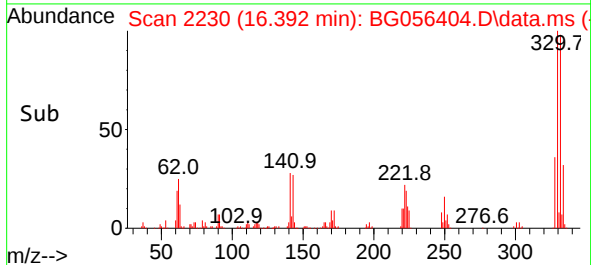
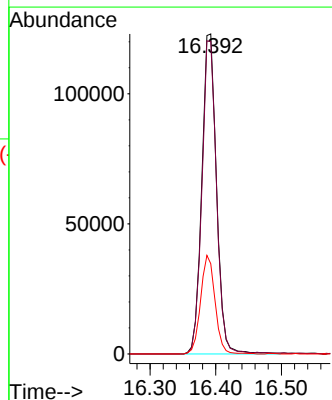
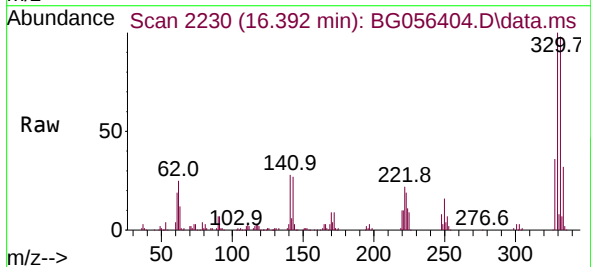
Instrument :
BNA_G
ClientSampleId :
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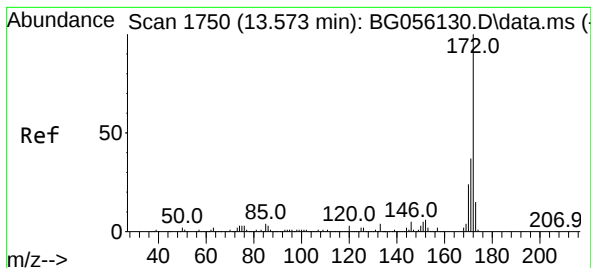
Tgt Ion:164 Resp: 134715
Ion Ratio Lower Upper
164 100
162 100.4 84.7 127.1
160 39.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 112.463 ng
RT: 16.392 min Scan# 2230
Delta R.T. -0.003 min
Lab File: BG056404.D
Acq: 24 Jan 2023 15:40

Tgt Ion:330 Resp: 191878
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 30.3 27.9 41.9





#45

2-Fluorobiphenyl

Concen: 66.055 ng

RT: 13.537 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056404.D

Acq: 24 Jan 2023 15:40

Instrument :

BNA_G

ClientSampleId :

PB150385BL

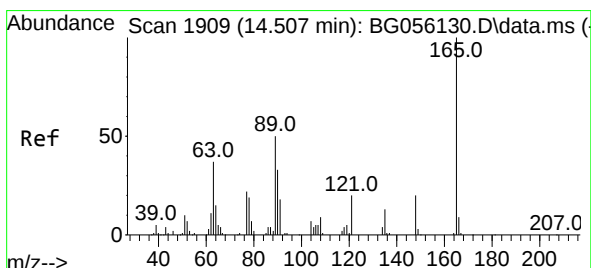
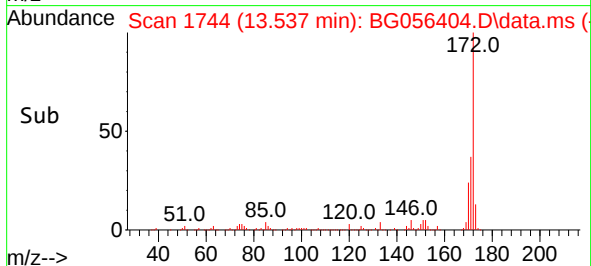
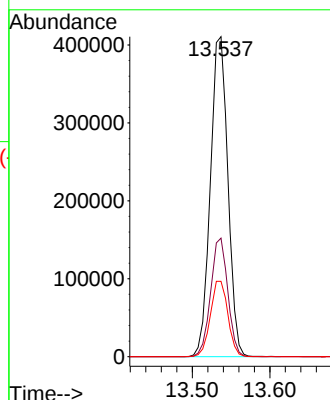
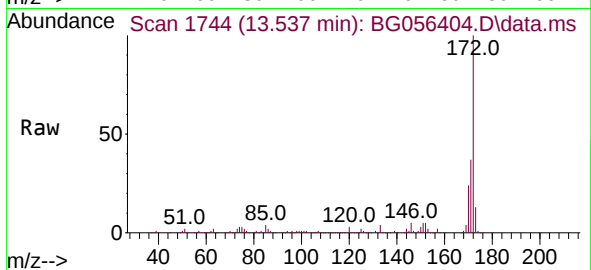
Tgt Ion:172 Resp: 644410

Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

170 23.6 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 7.468 ng

RT: 14.906 min Scan# 1977

Delta R.T. 0.426 min

Lab File: BG056404.D

Acq: 24 Jan 2023 15:40

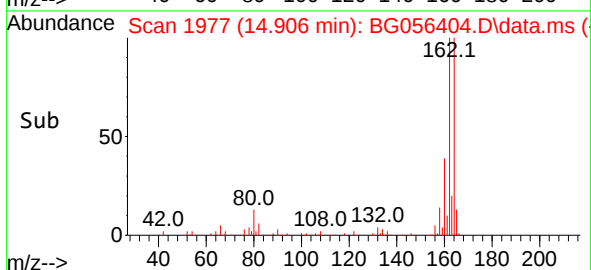
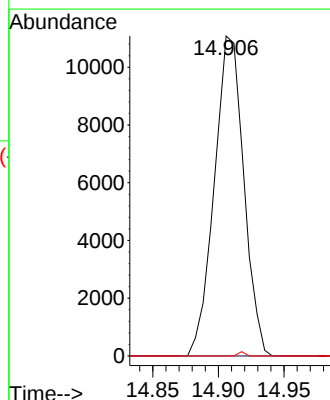
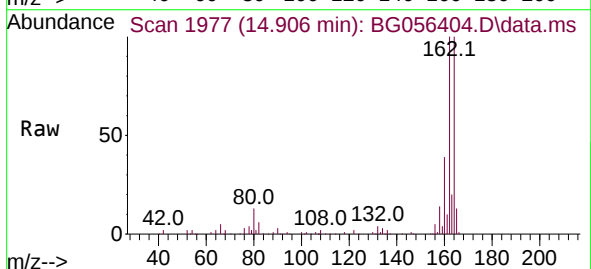
Tgt Ion:165 Resp: 17306

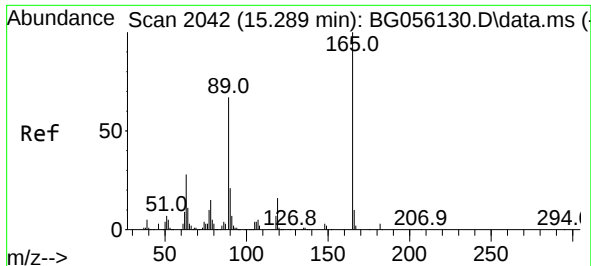
Ion Ratio Lower Upper

165 100

63 0.0 32.2 48.2#

89 0.0 39.8 59.8#

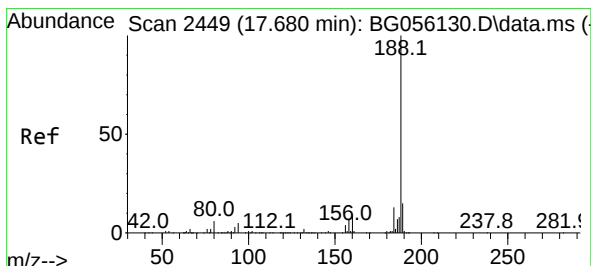
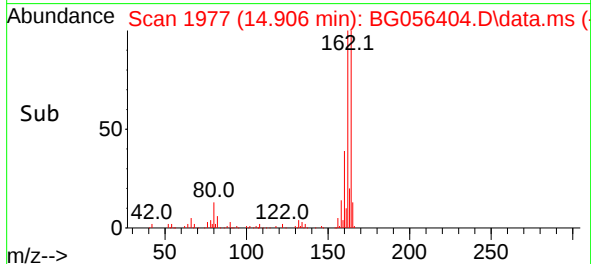
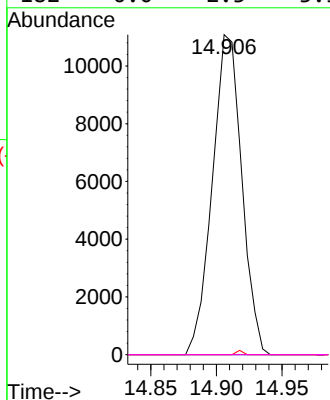
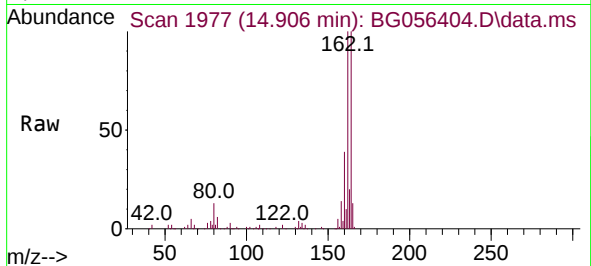




#57
2,4-Dinitrotoluene
Concen: 5.340 ng
RT: 14.906 min Scan# 1977
Delta R.T. -0.362 min
Lab File: BG056404.D
Acq: 24 Jan 2023 15:40

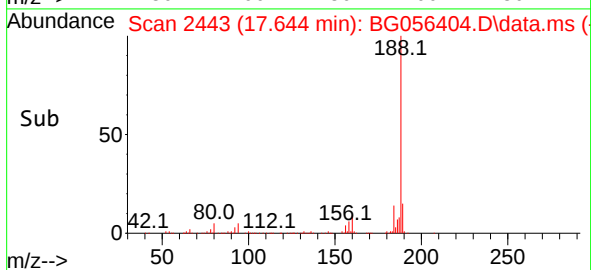
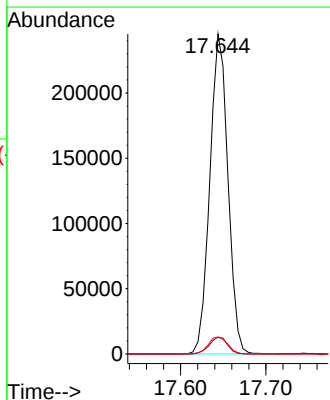
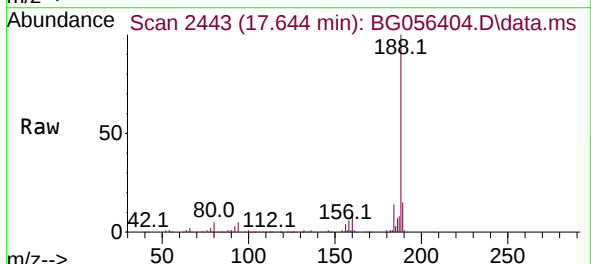
Instrument :
BNA_G
ClientSampleId :
PB150385BL

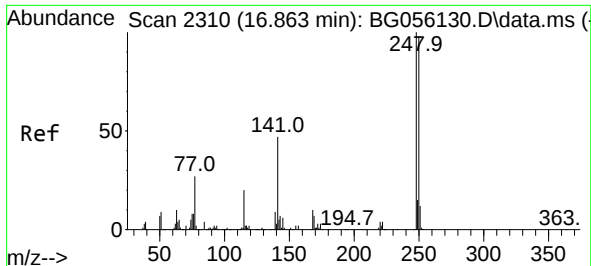
Tgt Ion:	165	Resp:	17306
Ion Ratio	Lower	Upper	
165	100		
63	0.0	22.6	34.0#
89	0.0	53.2	79.8#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.644 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BG056404.D
Acq: 24 Jan 2023 15:40

Tgt Ion:	188	Resp:	361387
Ion Ratio	Lower	Upper	
188	100		
94	5.2	4.2	6.2
80	5.3	5.0	7.4

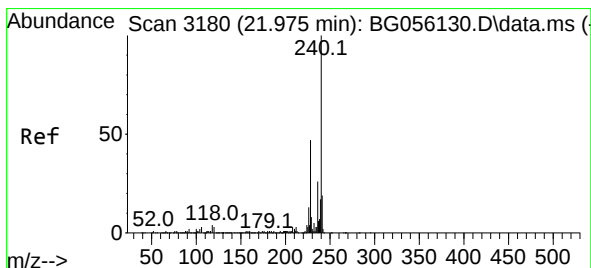
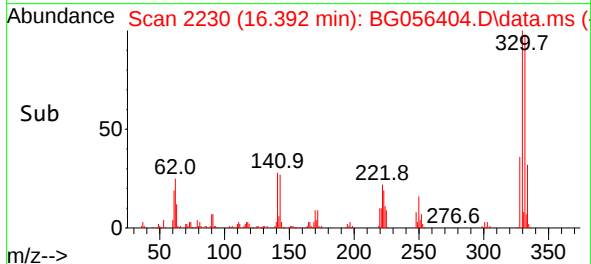
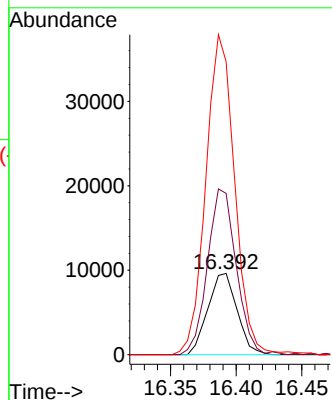
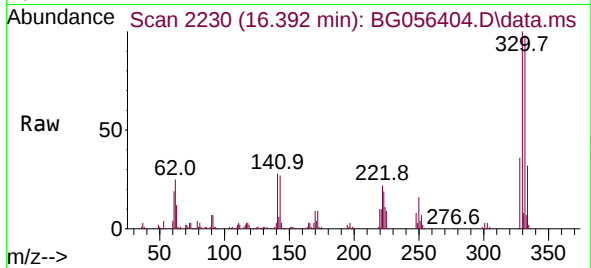




#67
4-Bromophenyl-phenylether
Concen: 3.232 ng
RT: 16.392 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG056404.D
Acq: 24 Jan 2023 15:40

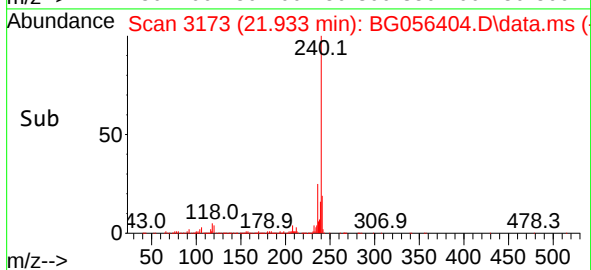
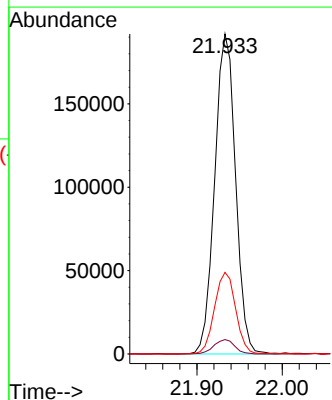
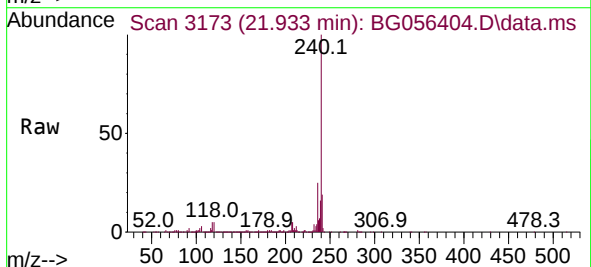
Instrument :
BNA_G
ClientSampleId :
PB150385BL

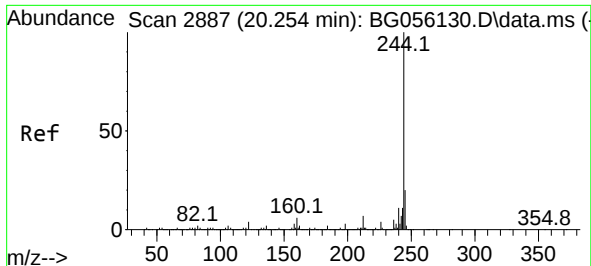
Tgt Ion:248 Resp: 14875
Ion Ratio Lower Upper
248 100
250 149.8 78.2 117.4#
141 272.1 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG056404.D
Acq: 24 Jan 2023 15:40

Tgt Ion:240 Resp: 326308
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 25.5 20.8 31.2

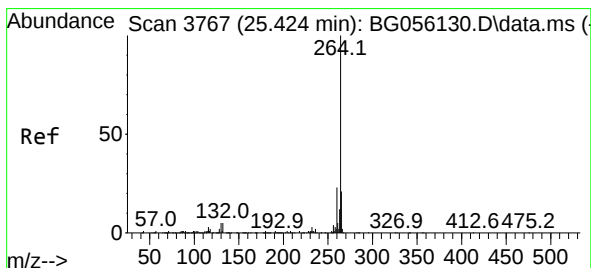
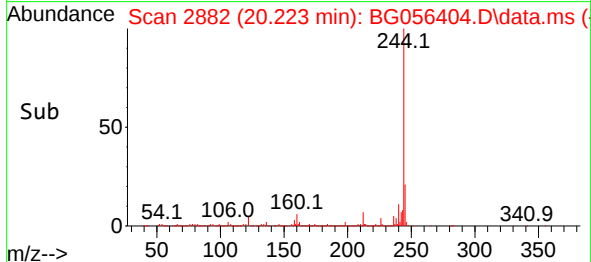
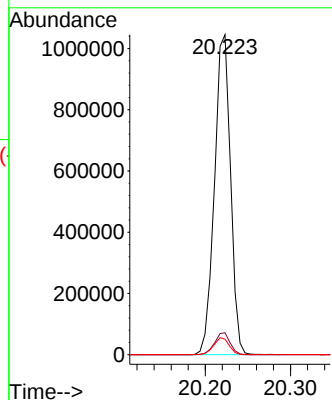
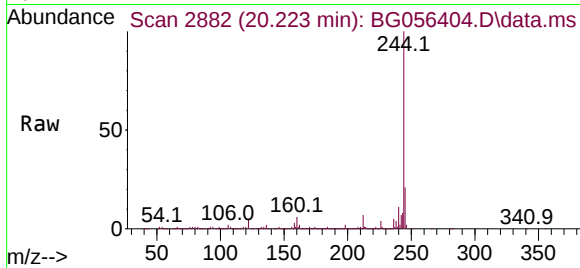




#79
 Terphenyl-d14
 Concen: 74.946 ng
 RT: 20.223 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056404.D
 Acq: 24 Jan 2023 15:40

Instrument :
 BNA_G
 ClientSampleId :
 PB150385BL

Tgt Ion:244 Resp: 1365431
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.364 min Scan# 3757
 Delta R.T. -0.009 min
 Lab File: BG056404.D
 Acq: 24 Jan 2023 15:40

Tgt Ion:264 Resp: 340456
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.6 28.0
 265 22.4 16.7 25.1

