

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056333.D
 Acq On : 18 Jan 2023 18:06
 Operator : CG/JU
 Sample : 01190-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-6

Quant Time: Jan 19 00:33:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

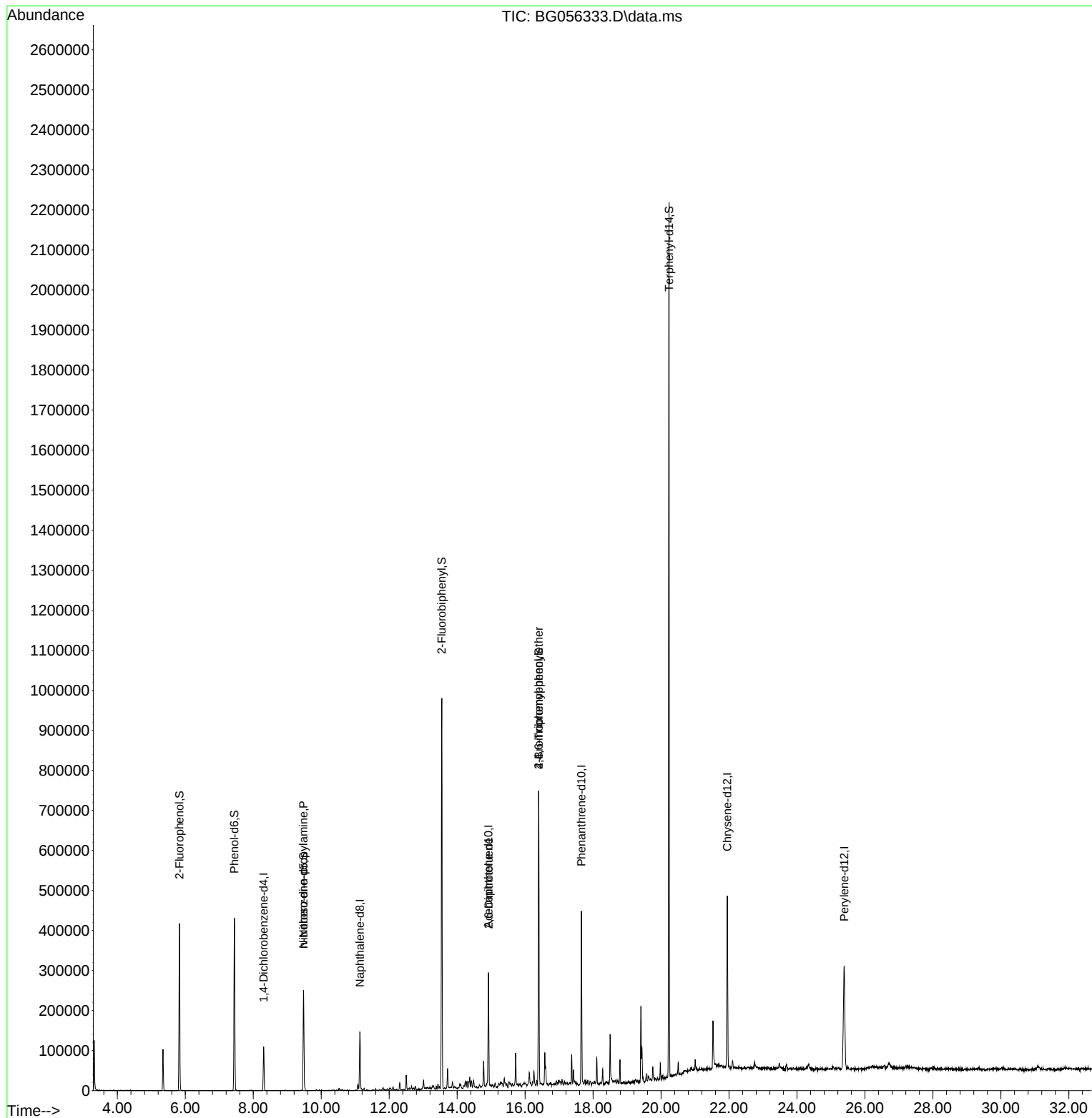
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	36763	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	136736	20.000	ng	0.00
39) Acenaphthene-d10	14.916	164	109782	20.000	ng	0.00
64) Phenanthrene-d10	17.654	188	285979	20.000	ng	0.00
76) Chrysene-d12	21.949	240	291807	20.000	ng	# 0.00
86) Perylene-d12	25.386	264	316009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	235363	114.311	ng	0.00
7) Phenol-d6	7.442	99	333620	105.509	ng	0.00
23) Nitrobenzene-d5	9.475	82	178917	66.931	ng	-0.01
42) 2,4,6-Tribromophenol	16.402	330	153828	110.638	ng	0.00
45) 2-Fluorobiphenyl	13.547	172	562144	70.710	ng	0.00
79) Terphenyl-d14	20.233	244	1204348	73.920	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.475	70	22990	11.957	ng	# 73
51) 2,6-Dinitrotoluene	14.922	165	15598	8.260	ng	# 33
67) 4-Bromophenyl-phenylether	16.402	248	12883	3.538	ng	# 1

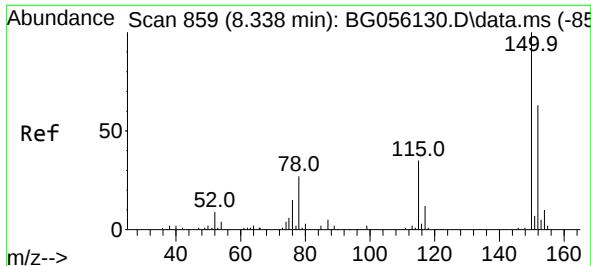
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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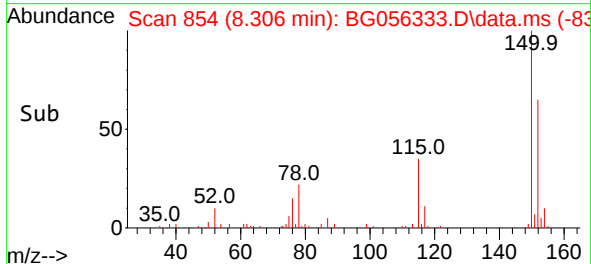
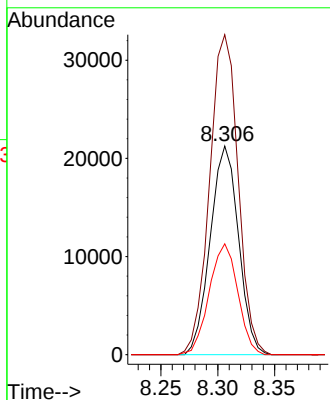
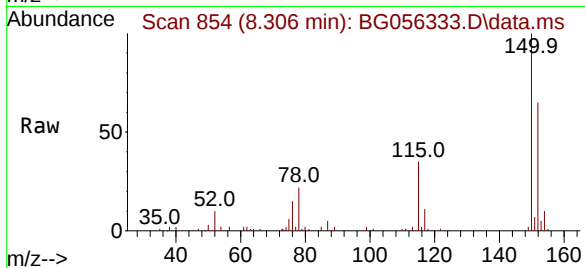




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

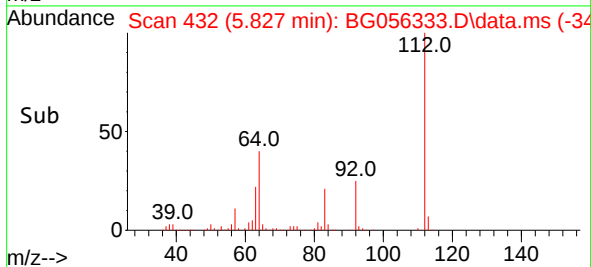
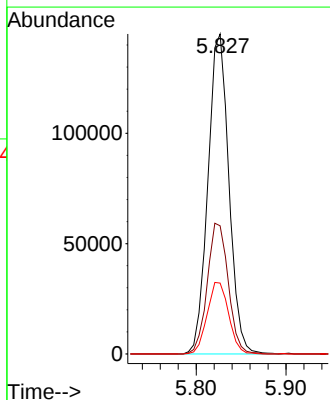
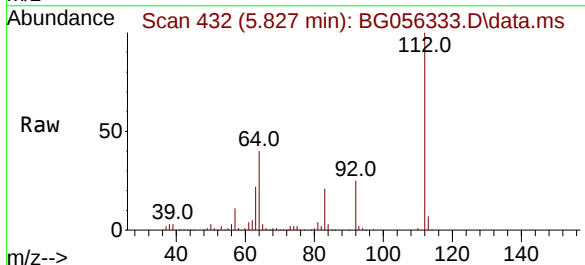
Instrument :
BNA_G
ClientSampleId :
PE-6

Tgt Ion:152 Resp: 36763
Ion Ratio Lower Upper
152 100
150 153.4 127.9 191.9
115 53.2 44.2 66.2



#5
2-Fluorophenol
Concen: 114.311 ng
RT: 5.827 min Scan# 432
Delta R.T. 0.000 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

Tgt Ion:112 Resp: 235363
Ion Ratio Lower Upper
112 100
64 40.1 33.3 49.9
63 22.2 19.0 28.4

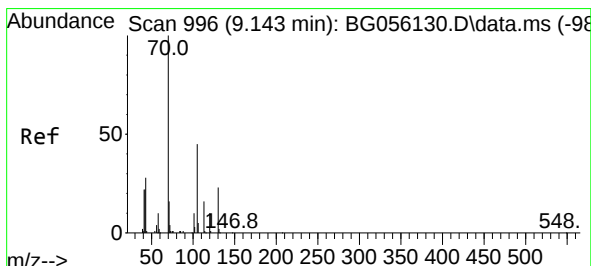
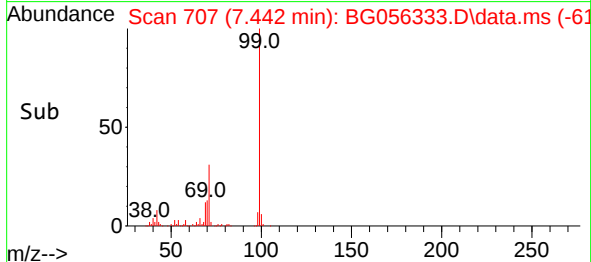
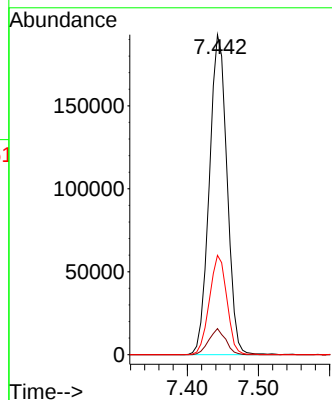
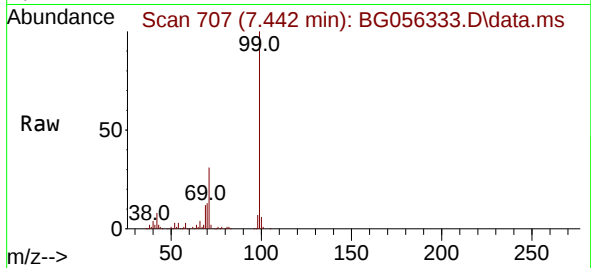




#7
Phenol-d6
Concen: 105.509 ng
RT: 7.442 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

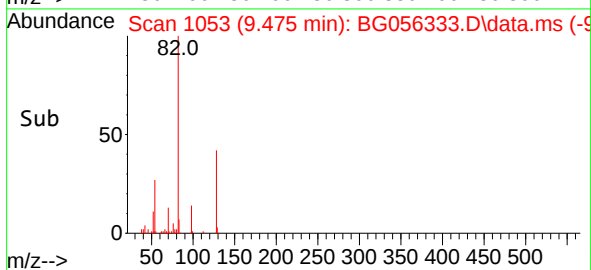
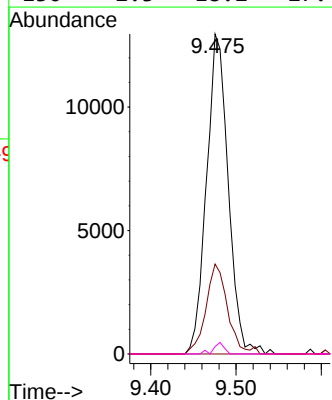
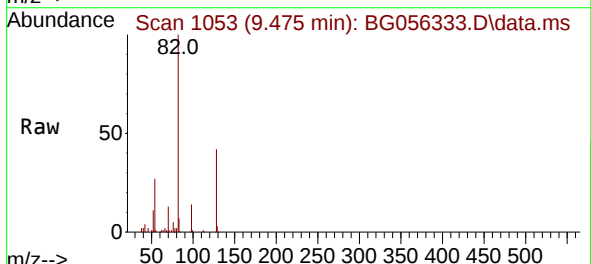
Instrument :
BNA_G
ClientSampleId :
PE-6

Tgt Ion: 99 Resp: 333620
Ion Ratio Lower Upper
99 100
42 8.2 5.9 8.9
71 31.0 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.957 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.364 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

Tgt Ion: 70 Resp: 22990
Ion Ratio Lower Upper
70 100
42 28.1 18.2 27.2#
101 0.0 8.3 12.5#
130 2.3 18.2 27.4#

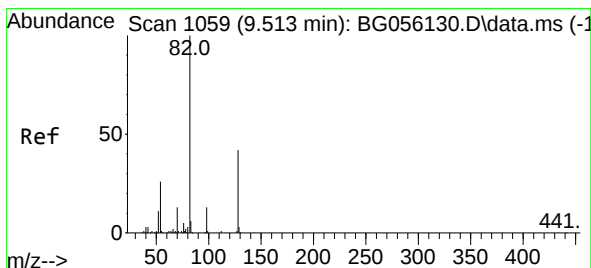
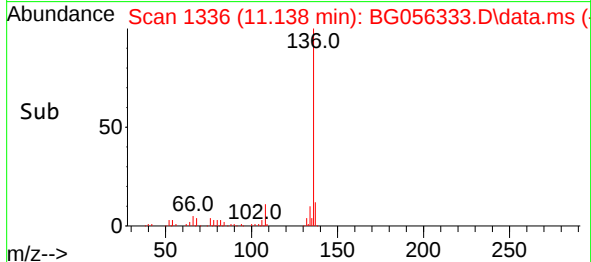
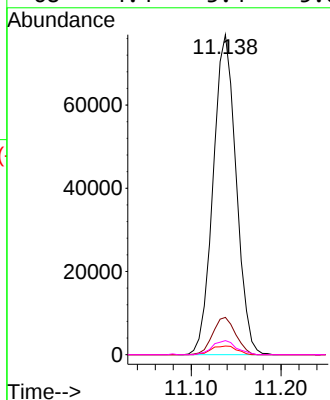
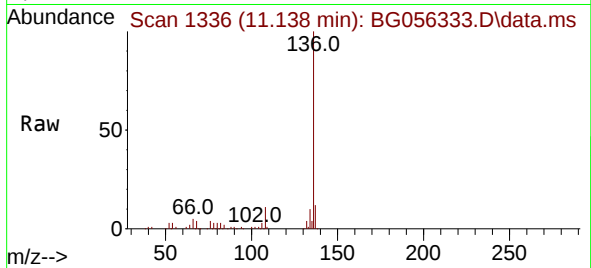




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

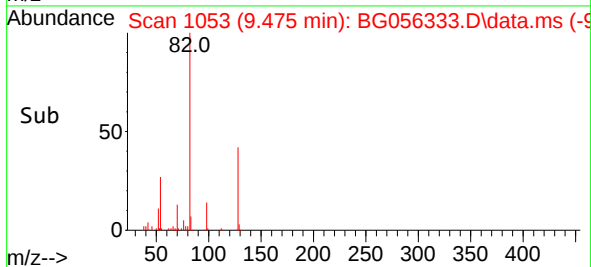
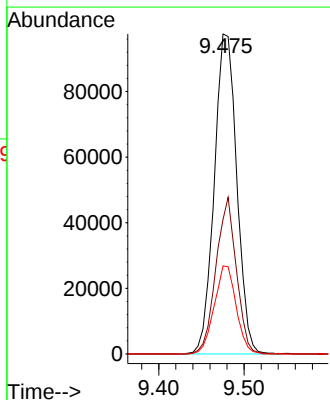
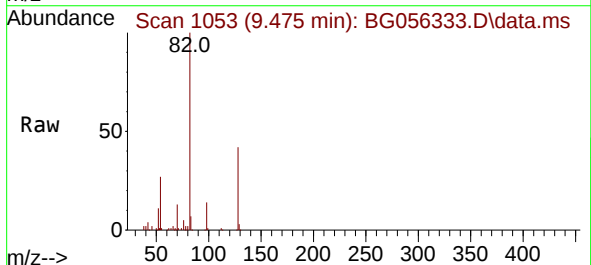
Instrument :
BNA_G
ClientSampleId :
PE-6

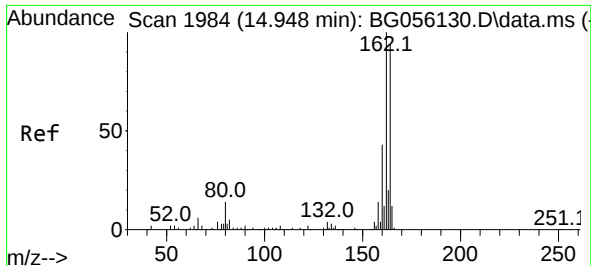
Tgt Ion:	136	Resp:	136736
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	2.7	2.2	3.2
68	4.4	3.4	5.0



#23
Nitrobenzene-d5
Concen: 66.931 ng
RT: 9.475 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

Tgt Ion:	82	Resp:	178917
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.2
54	27.5	20.3	30.5

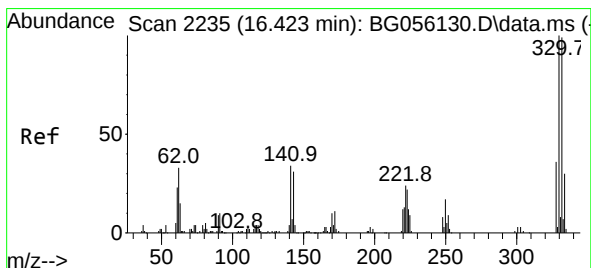
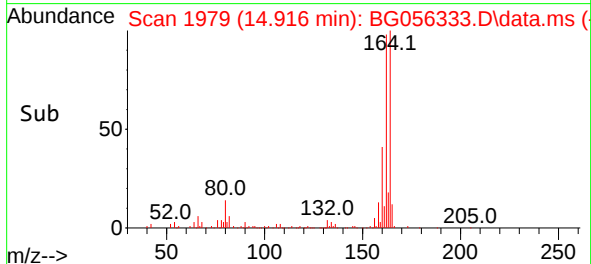
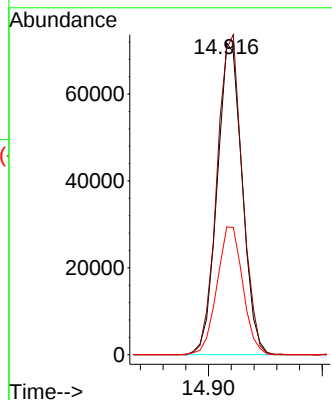
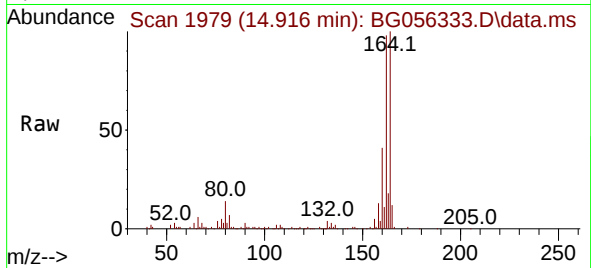




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.916 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

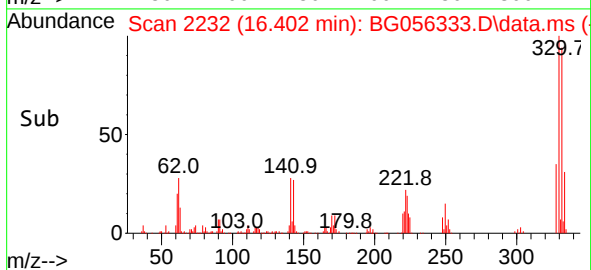
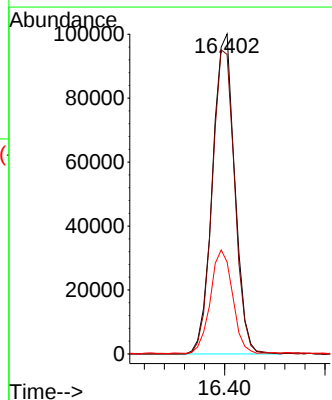
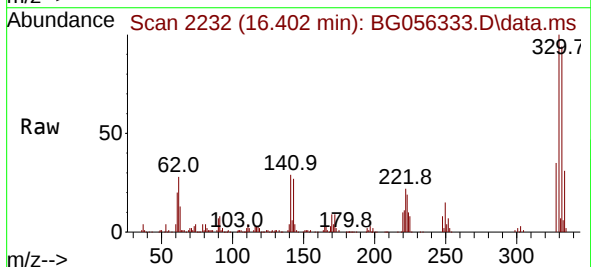
Instrument :
BNA_G
ClientSampleId :
PE-6

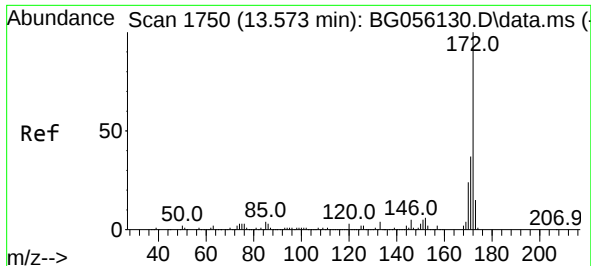
Tgt Ion:164 Resp: 109782
Ion Ratio Lower Upper
164 100
162 98.3 84.7 127.1
160 41.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 110.638 ng
RT: 16.402 min Scan# 2232
Delta R.T. 0.000 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

Tgt Ion:330 Resp: 153828
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 32.2 27.9 41.9

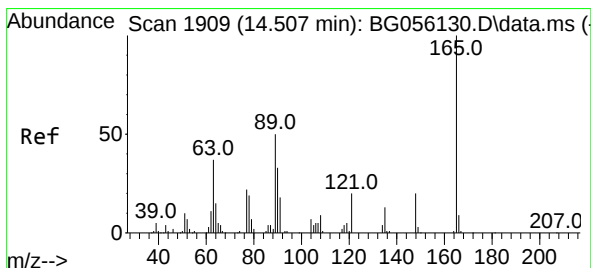
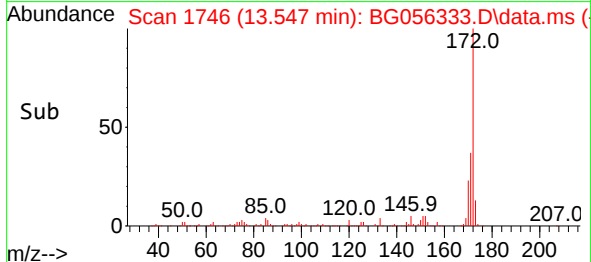
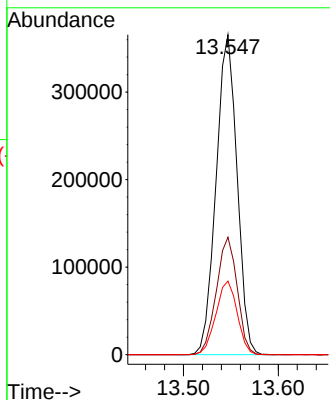
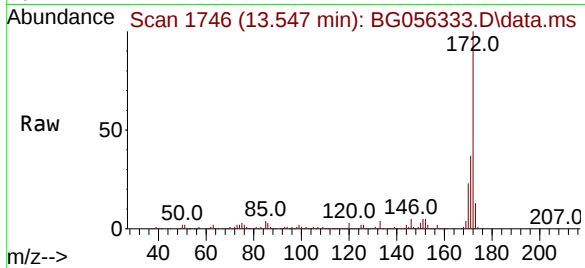




#45
2-Fluorobiphenyl
Concen: 70.710 ng
RT: 13.547 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

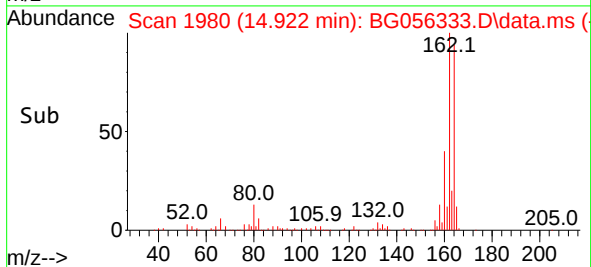
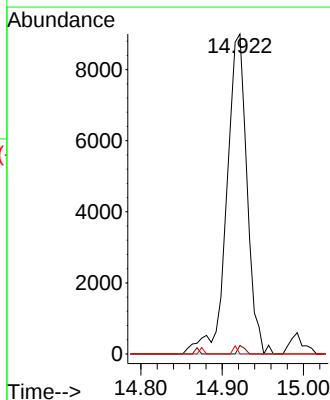
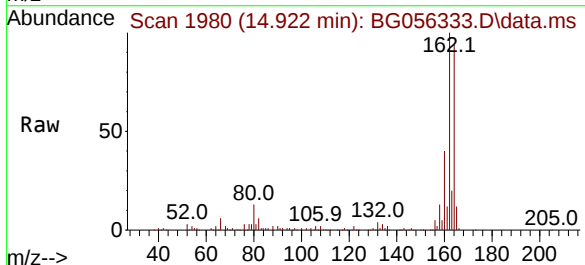
Instrument :
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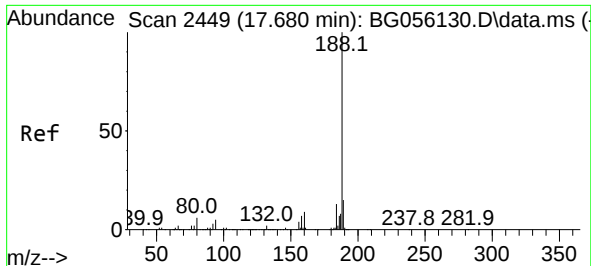
Tgt Ion:172 Resp: 562144
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 8.260 ng
RT: 14.922 min Scan# 1980
Delta R.T. 0.435 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

Tgt Ion:165 Resp: 15598
Ion Ratio Lower Upper
165 100
63 2.6 32.2 48.2#
89 0.0 39.8 59.8#

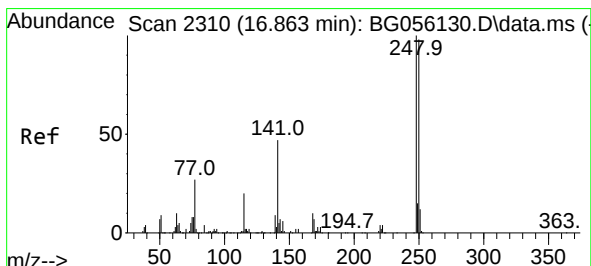
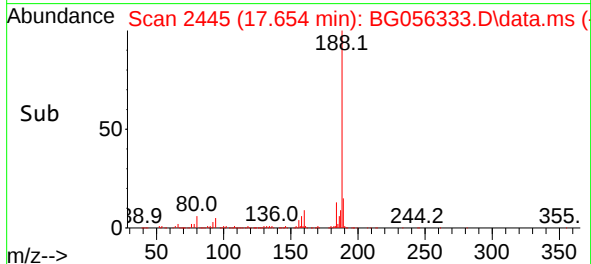
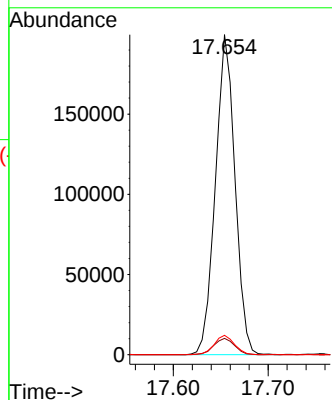
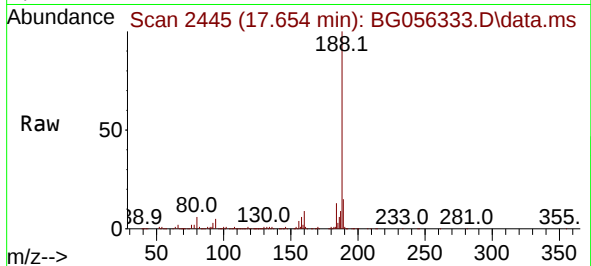




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.654 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

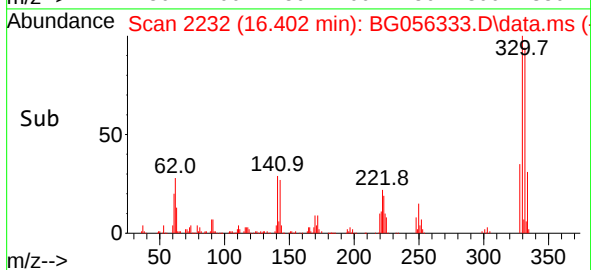
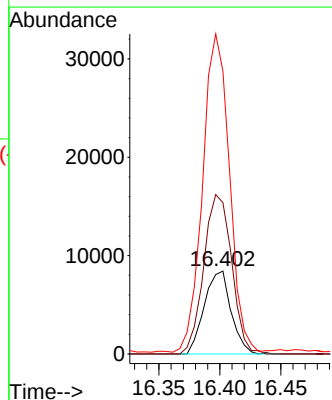
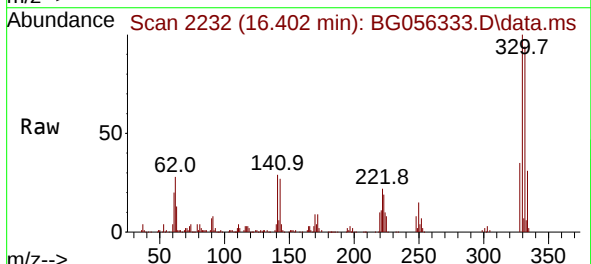
Instrument :
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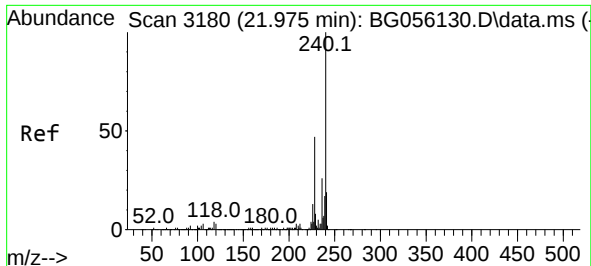
Tgt Ion:188 Resp: 285979
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 6.1 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.538 ng
RT: 16.402 min Scan# 2232
Delta R.T. -0.435 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

Tgt Ion:248 Resp: 12883
Ion Ratio Lower Upper
248 100
250 235.5 78.2 117.4#
141 341.3 37.6 56.4#

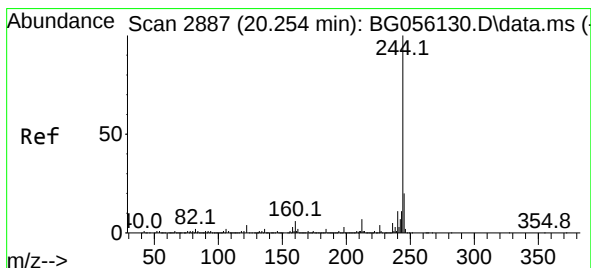
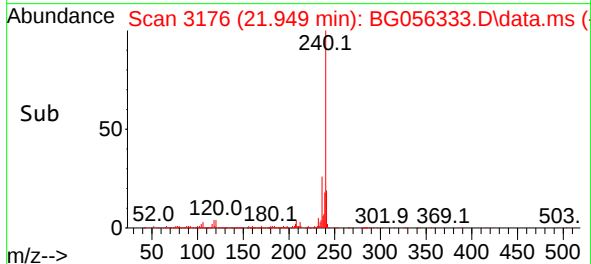
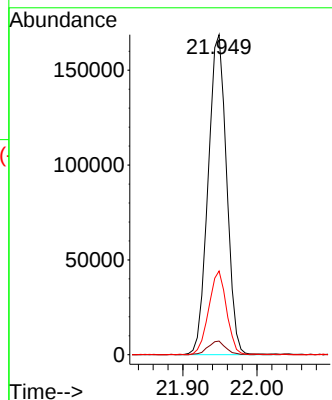
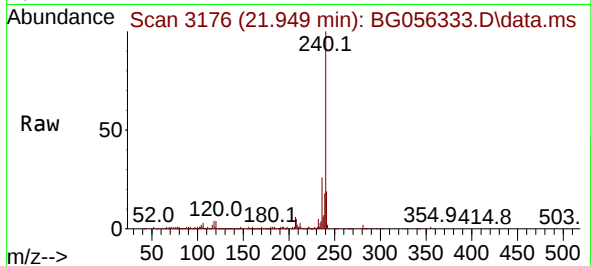




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.949 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

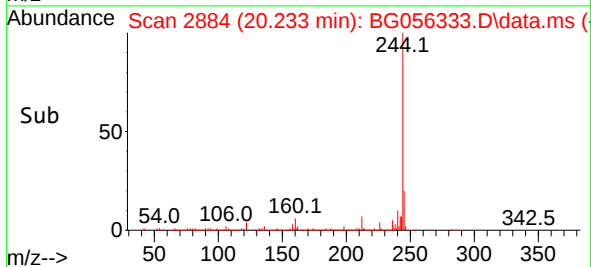
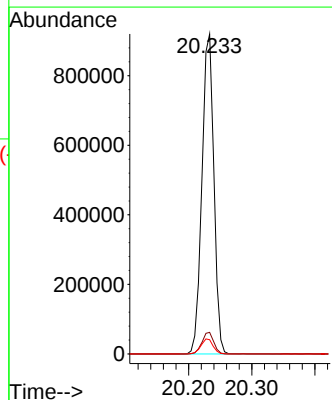
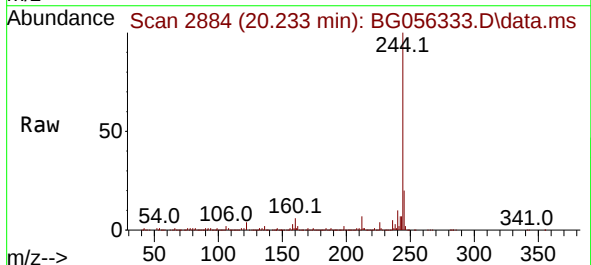
Instrument :
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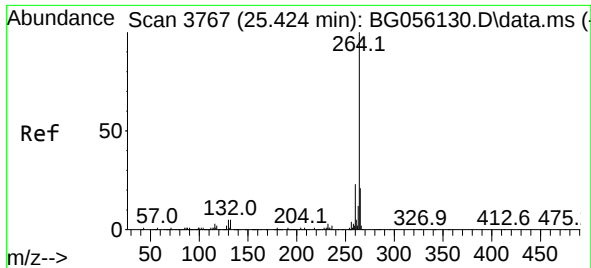
Tgt Ion:240 Resp: 291807
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 26.2 20.8 31.2



#79
Terphenyl-d14
Concen: 73.920 ng
RT: 20.233 min Scan# 2884
Delta R.T. 0.000 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

Tgt Ion:244 Resp: 1204348
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 4.5 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.386 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG056333.D
Acq: 18 Jan 2023 18:06

Instrument :
BNA_G
ClientSampleId :
PE-6

Tgt Ion:264 Resp: 316009

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	23.2	16.7	25.1

