

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060097.D
 Acq On : 19 Dec 2023 22:51
 Operator : MA/JU
 Sample : 05883-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-121523

Quant Time: Dec 20 00:47:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

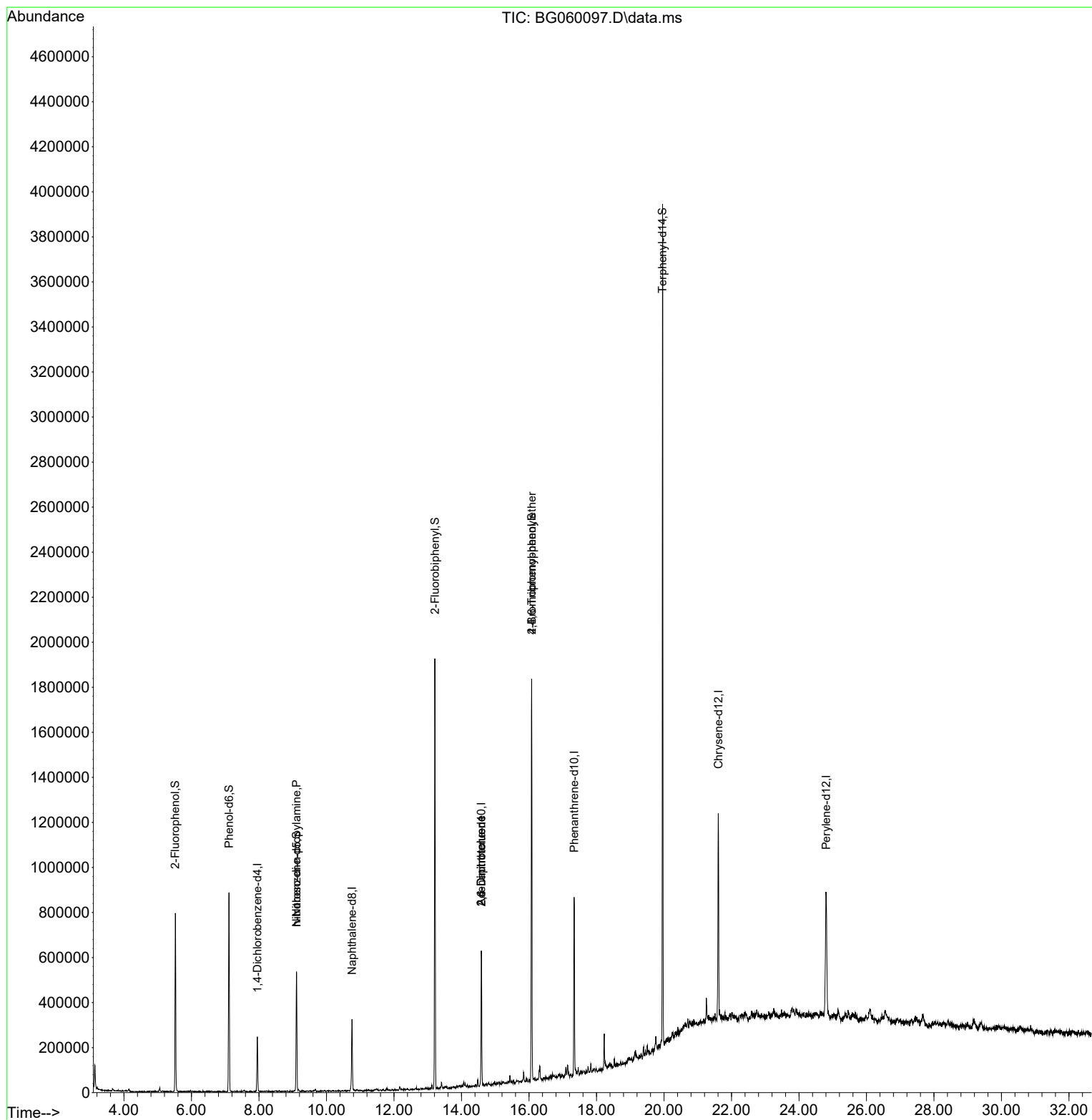
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	62619	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	227974	20.000	ng	# 0.00
39) Acenaphthene-d10	14.587	164	204537	20.000	ng	-0.01
64) Phenanthrene-d10	17.337	188	563711	20.000	ng	#-0.01
76) Chrysene-d12	21.609	240	610157	20.000	ng	#-0.01
86) Perylene-d12	24.805	264	740510	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	256843	70.215	ng	0.00
7) Phenol-d6	7.114	99	400235	77.783	ng	0.00
23) Nitrobenzene-d5	9.111	82	295299	58.818	ng	-0.01
42) 2,4,6-Tribromophenol	16.080	330	446976	93.771	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	1015903	60.789	ng	0.00
79) Terphenyl-d14	19.958	244	2050113	61.343	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.111	70	42801	12.893	ng	# 82
51) 2,6-Dinitrotoluene	14.587	165	29120	8.854	ng	# 24
57) 2,4-Dinitrotoluene	14.587	165	29120	6.299	ng	# 27
67) 4-Bromophenyl-phenylether	16.080	248	26986	3.393	ng	# 1
69) Atrazine	16.885	200	521	Below Cal		83

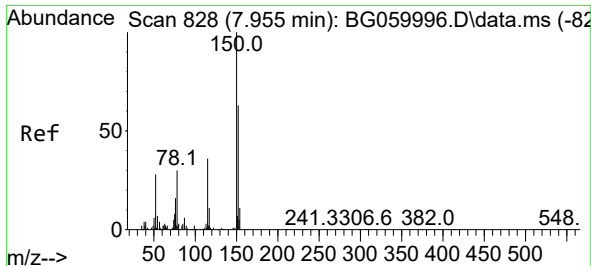
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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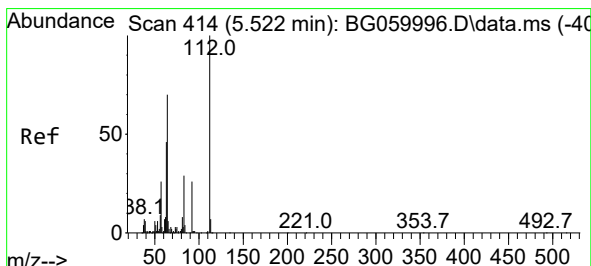
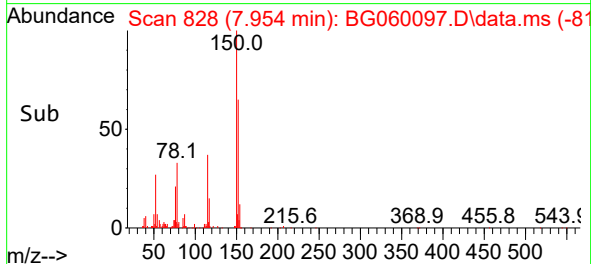
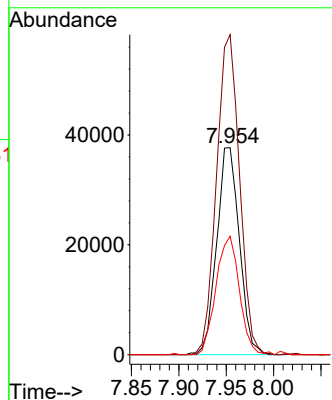
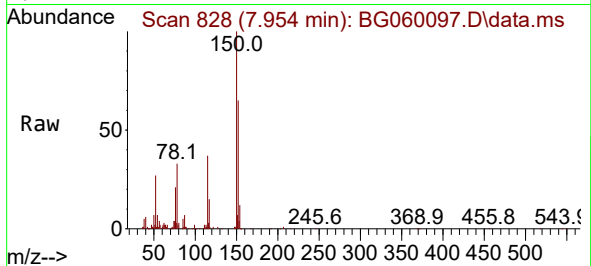




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

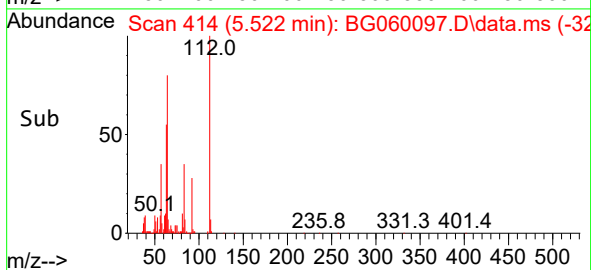
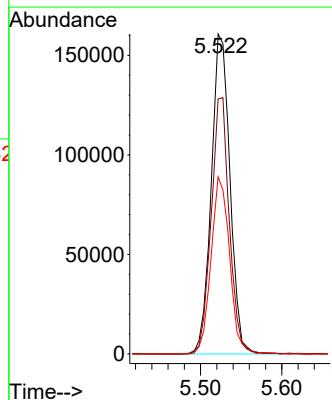
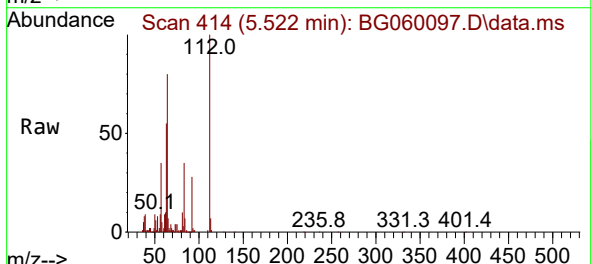
Instrument :
BNA_G
ClientSampleId :
EO-01-121523

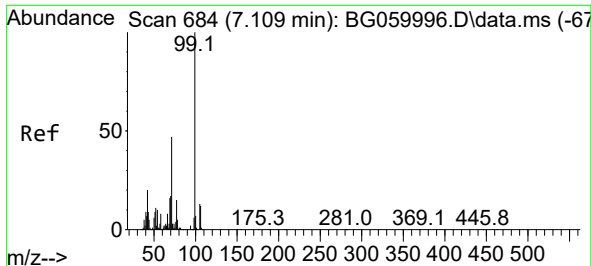
Tgt Ion:152 Resp: 62619
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 57.1 45.7 68.5



#5
2-Fluorophenol
Concen: 70.215 ng
RT: 5.522 min Scan# 414
Delta R.T. -0.005 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

Tgt Ion:112 Resp: 256843
Ion Ratio Lower Upper
112 100
64 79.7 55.9 83.9
63 55.3 36.5 54.7#

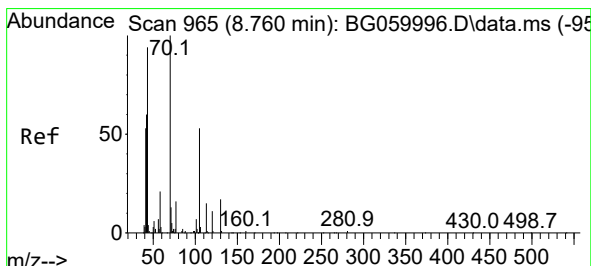
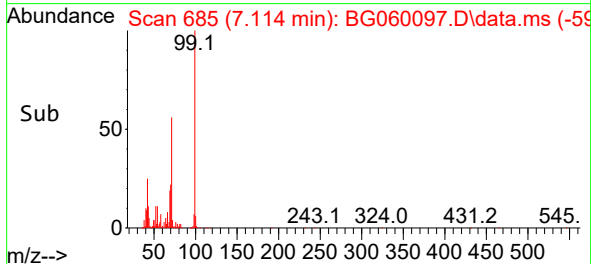
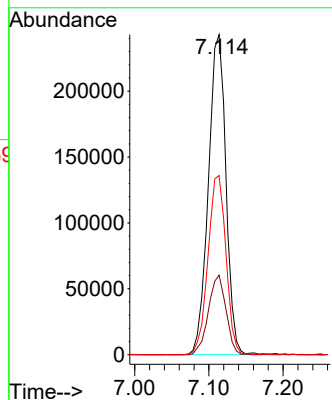
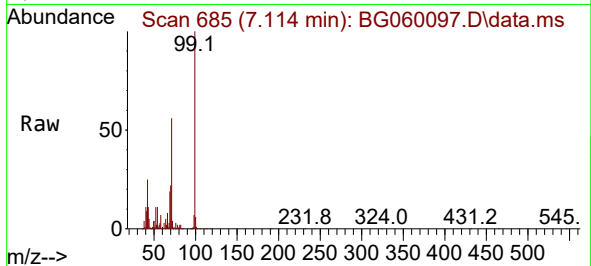




#7
Phenol-d6
Concen: 77.783 ng
RT: 7.114 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

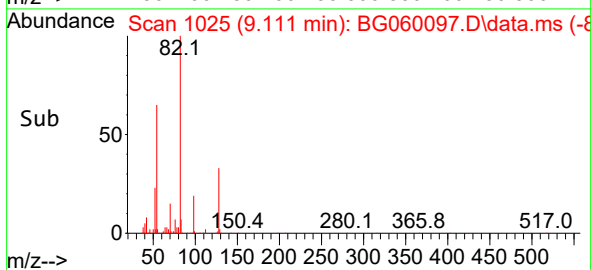
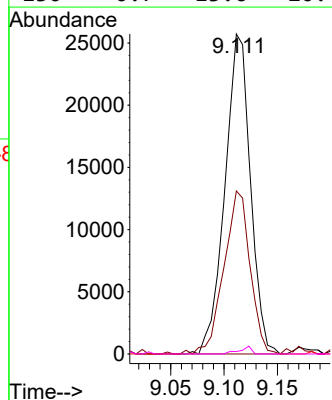
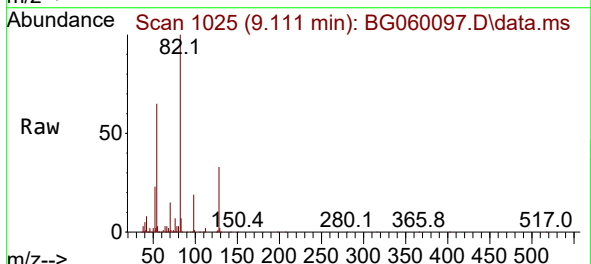
Instrument :
BNA_G
ClientSampleId :
EO-01-121523

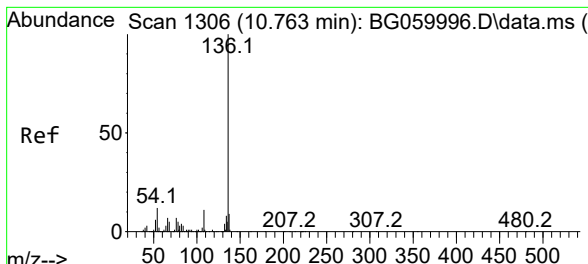
Tgt Ion: 99 Resp: 400235
Ion Ratio Lower Upper
99 100
42 24.9 16.2 24.4#
71 56.0 37.6 56.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.893 ng
RT: 9.111 min Scan# 1025
Delta R.T. 0.348 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

Tgt Ion: 70 Resp: 42801
Ion Ratio Lower Upper
70 100
42 50.9 48.6 73.0
101 0.0 5.7 8.5#
130 0.7 13.6 20.4#

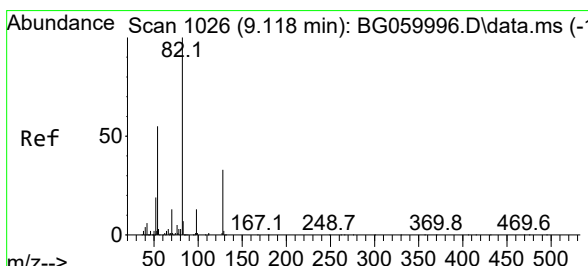
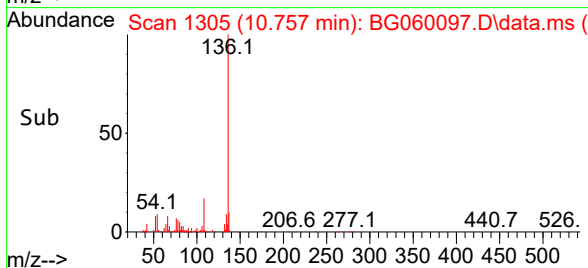
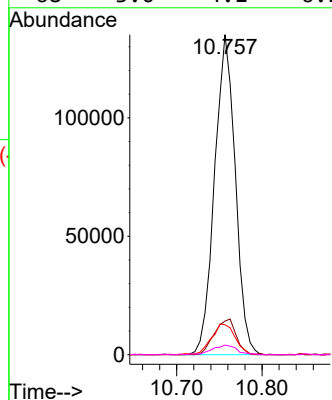
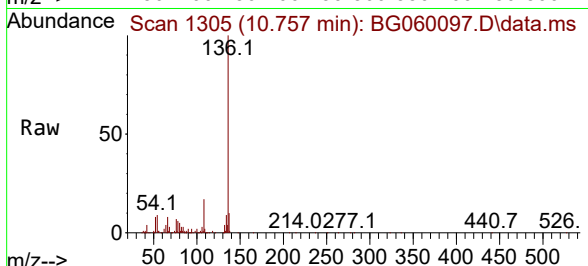




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

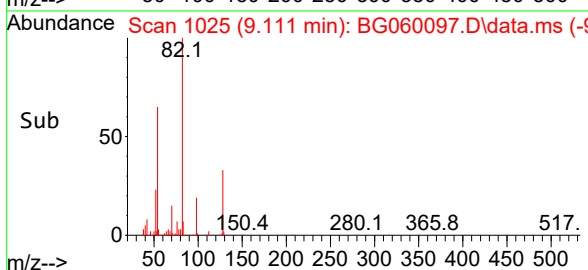
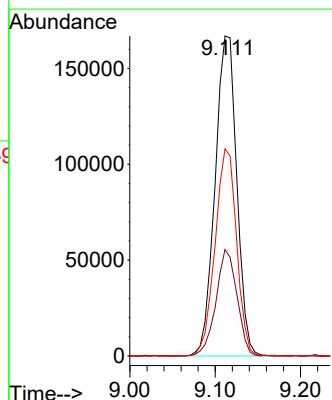
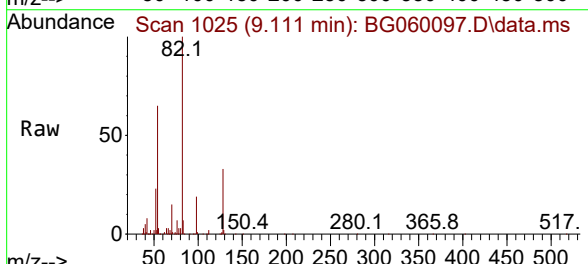
Instrument :
BNA_G
ClientSampleId :
EO-01-121523

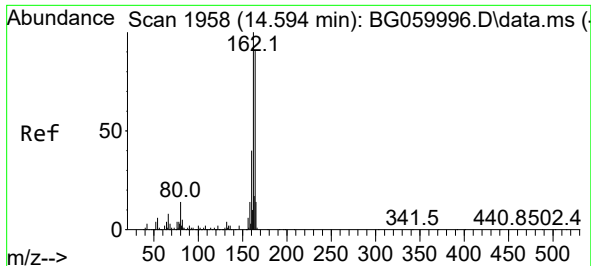
Tgt Ion:	136	Resp:	227974
Ion Ratio	Lower	Upper	
136	100		
137	10.5	7.3	10.9
54	9.4	9.6	14.4#
68	3.0	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 58.818 ng
RT: 9.111 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

Tgt Ion:	82	Resp:	295299
Ion Ratio	Lower	Upper	
82	100		
128	33.3	26.3	39.5
54	64.8	44.3	66.5

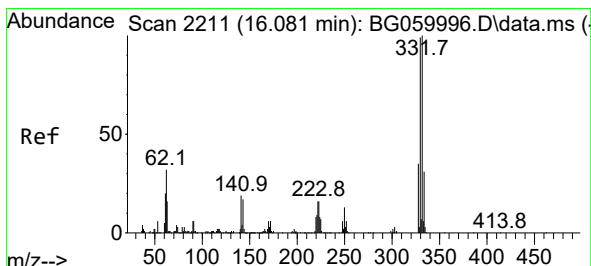
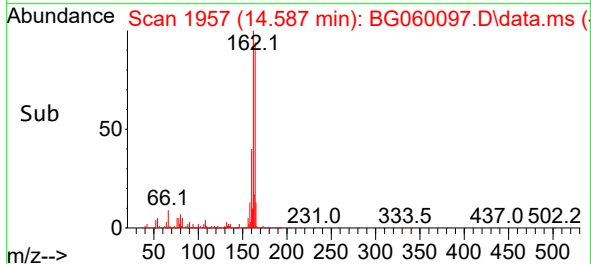
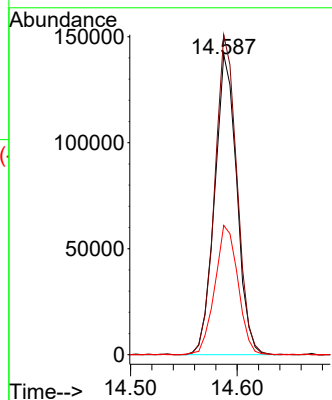
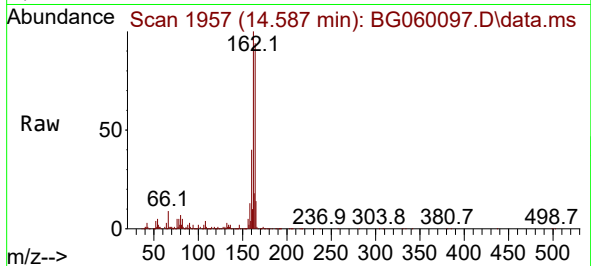




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.011 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

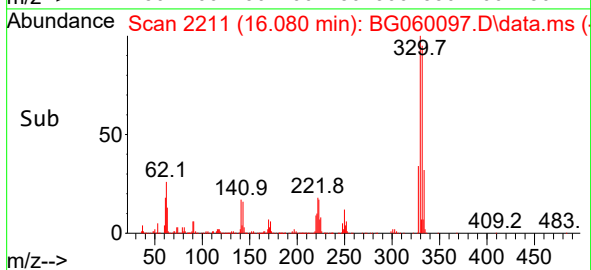
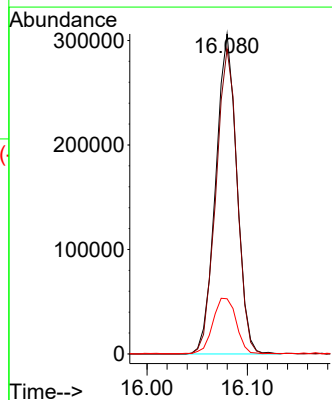
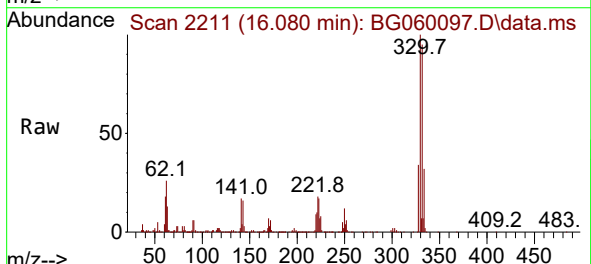
Instrument :
BNA_G
ClientSampleId :
EO-01-121523

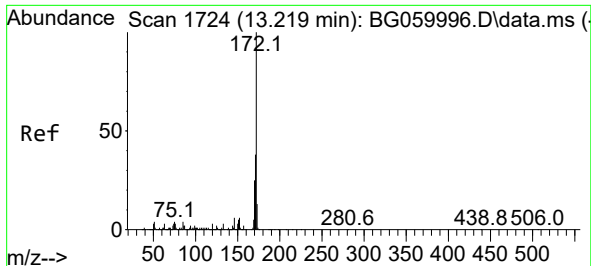
Tgt Ion:164 Resp: 204537
Ion Ratio Lower Upper
164 100
162 106.6 88.1 132.1
160 43.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 93.771 ng
RT: 16.080 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

Tgt Ion:330 Resp: 446976
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 19.1 14.3 21.5

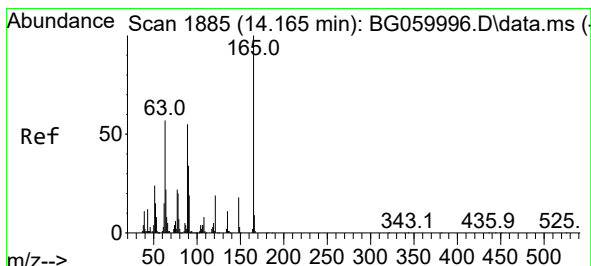
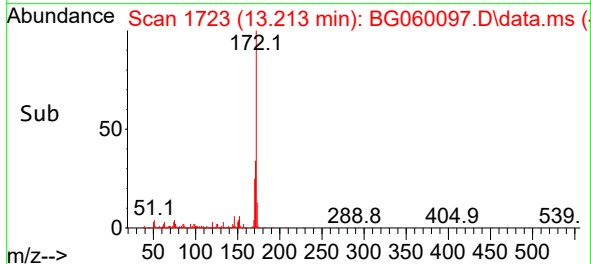
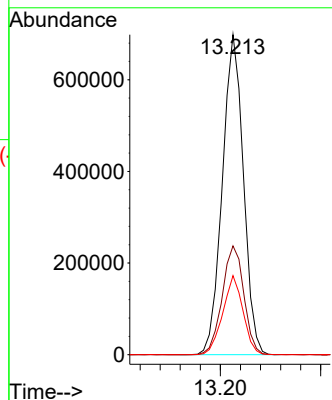
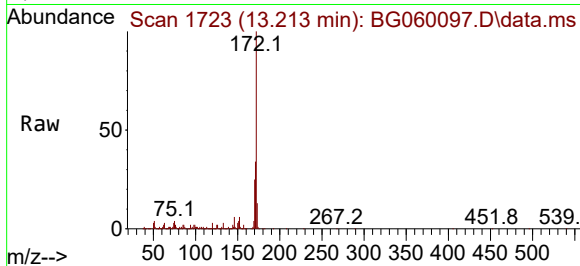




#45
2-Fluorobiphenyl
Concen: 60.789 ng
RT: 13.213 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

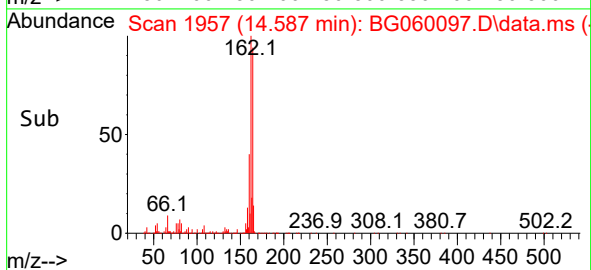
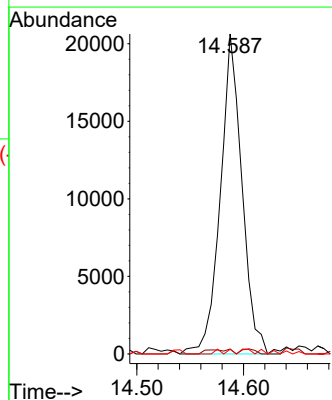
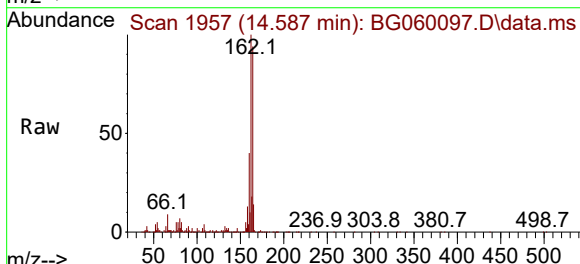
Instrument :
BNA_G
ClientSampleId :
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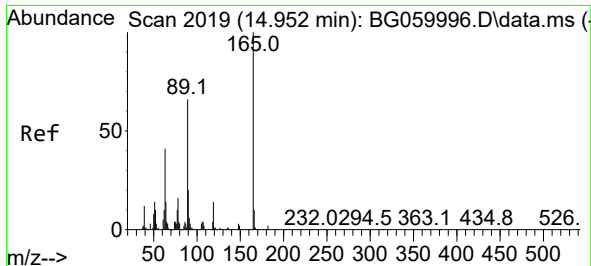
Tgt Ion:172 Resp: 1015903
Ion Ratio Lower Upper
172 100
171 34.0 30.1 45.1
170 24.7 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.854 ng
RT: 14.587 min Scan# 1957
Delta R.T. 0.418 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

Tgt Ion:165 Resp: 29120
Ion Ratio Lower Upper
165 100
63 1.5 48.2 72.2#
89 1.5 44.4 66.6#

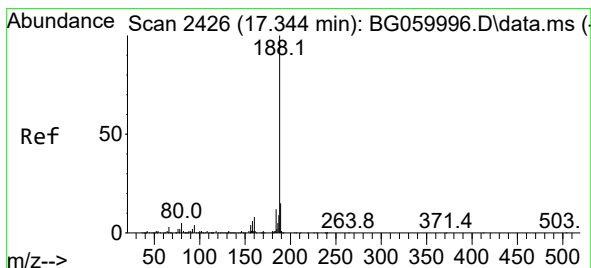
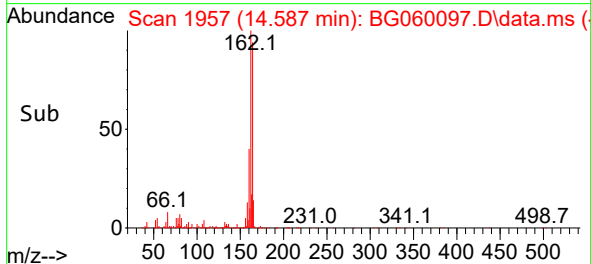
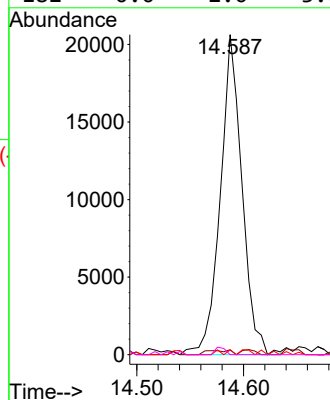
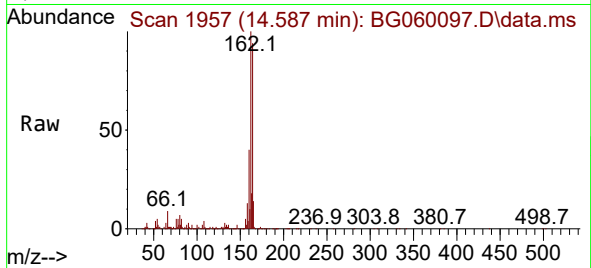




#57
2,4-Dinitrotoluene
Concen: 6.299 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.363 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

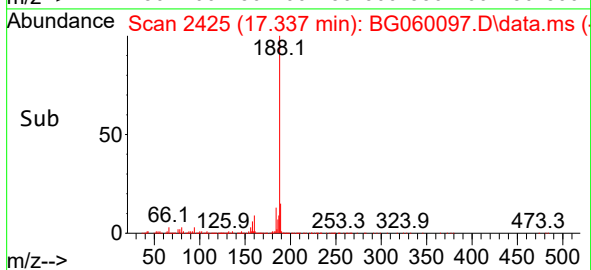
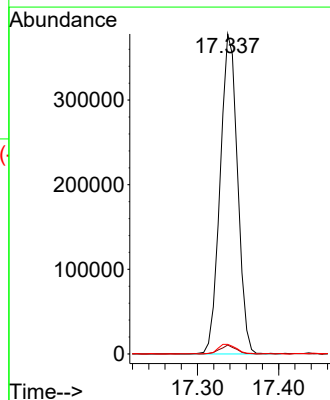
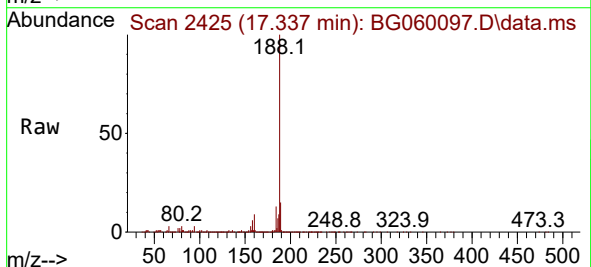
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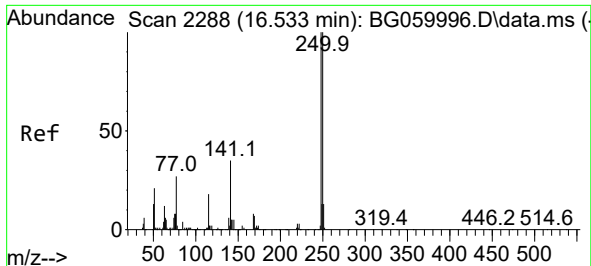
Tgt Ion:165 Resp: 29120
Ion Ratio Lower Upper
165 100
63 1.5 32.8 49.2#
89 1.5 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.337 min Scan# 2425
Delta R.T. -0.011 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

Tgt Ion:188 Resp: 563711
Ion Ratio Lower Upper
188 100
94 2.8 3.0 4.6#
80 3.0 4.0 6.0#

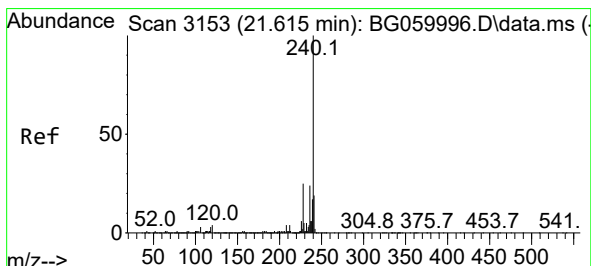
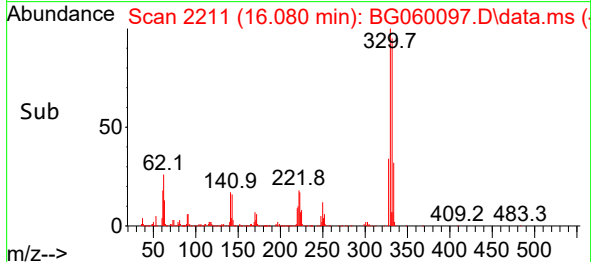
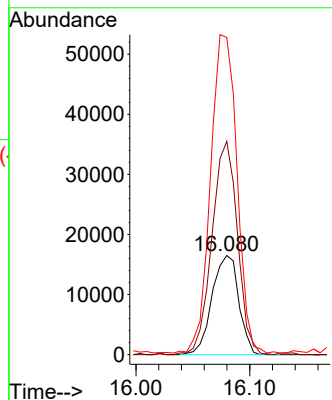
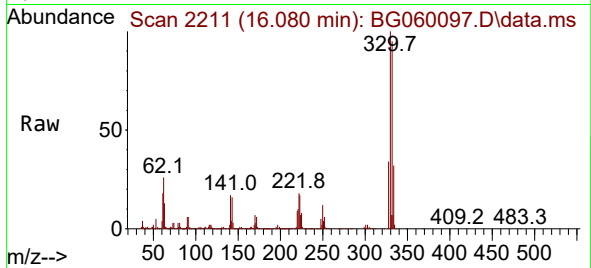




#67
4-Bromophenyl-phenylether
Concen: 3.393 ng
RT: 16.080 min Scan# 211
Delta R.T. -0.457 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

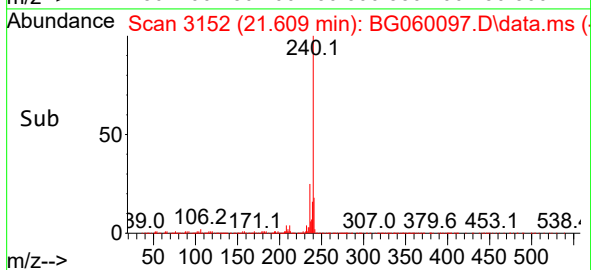
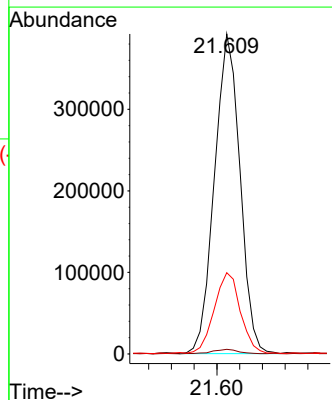
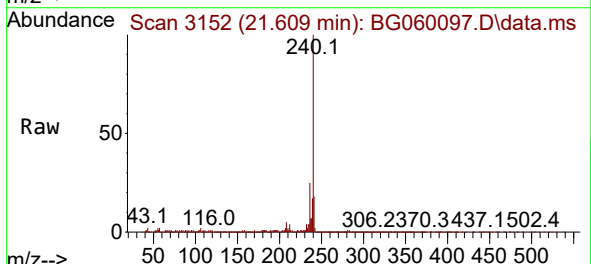
Instrument :
BNA_G
ClientSampleId :
EO-01-121523

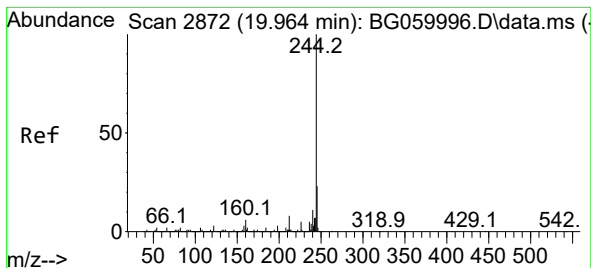
Tgt Ion:248 Resp: 26986
Ion Ratio Lower Upper
248 100
250 214.9 79.9 119.9#
141 319.6 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.609 min Scan# 3152
Delta R.T. -0.011 min
Lab File: BG060097.D
Acq: 19 Dec 2023 22:51

Tgt Ion:240 Resp: 610157
Ion Ratio Lower Upper
240 100
120 1.5 2.9 4.3#
236 25.4 19.4 29.2





#79

Terphenyl-d14

Concen: 61.343 ng

RT: 19.958 min Scan# 2871

Delta R.T. -0.011 min

Lab File: BG060097.D

Acq: 19 Dec 2023 22:51

Instrument :

BNA_G

ClientSampleId :

EO-01-121523

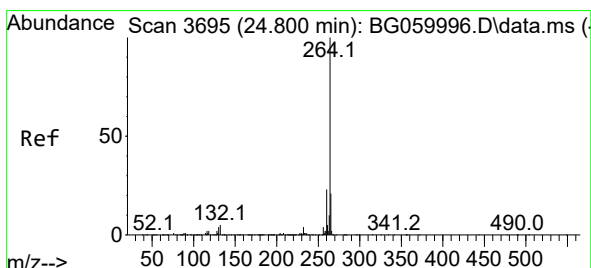
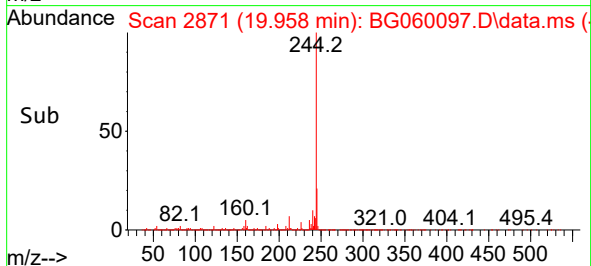
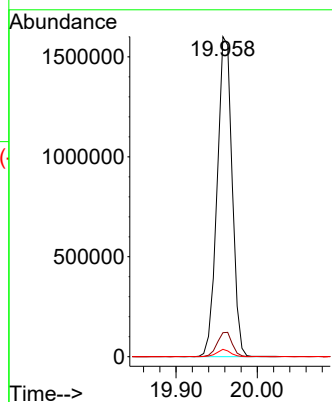
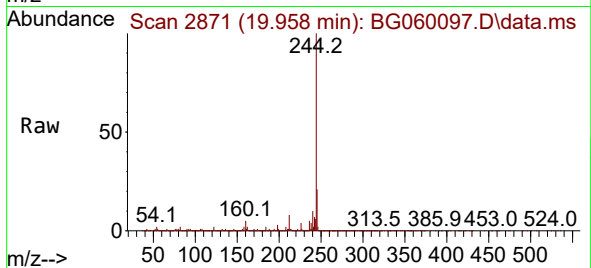
Tgt Ion:244 Resp: 2050113

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

122 2.3 2.6 3.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.805 min Scan# 3696

Delta R.T. -0.011 min

Lab File: BG060097.D

Acq: 19 Dec 2023 22:51

Tgt Ion:264 Resp: 740510

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.3 17.3 25.9

