

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060930.D
 Acq On : 18 Apr 2024 10:20
 Operator : MA/JU
 Sample : PB160120BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160120BL

Quant Time: Apr 18 11:27:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

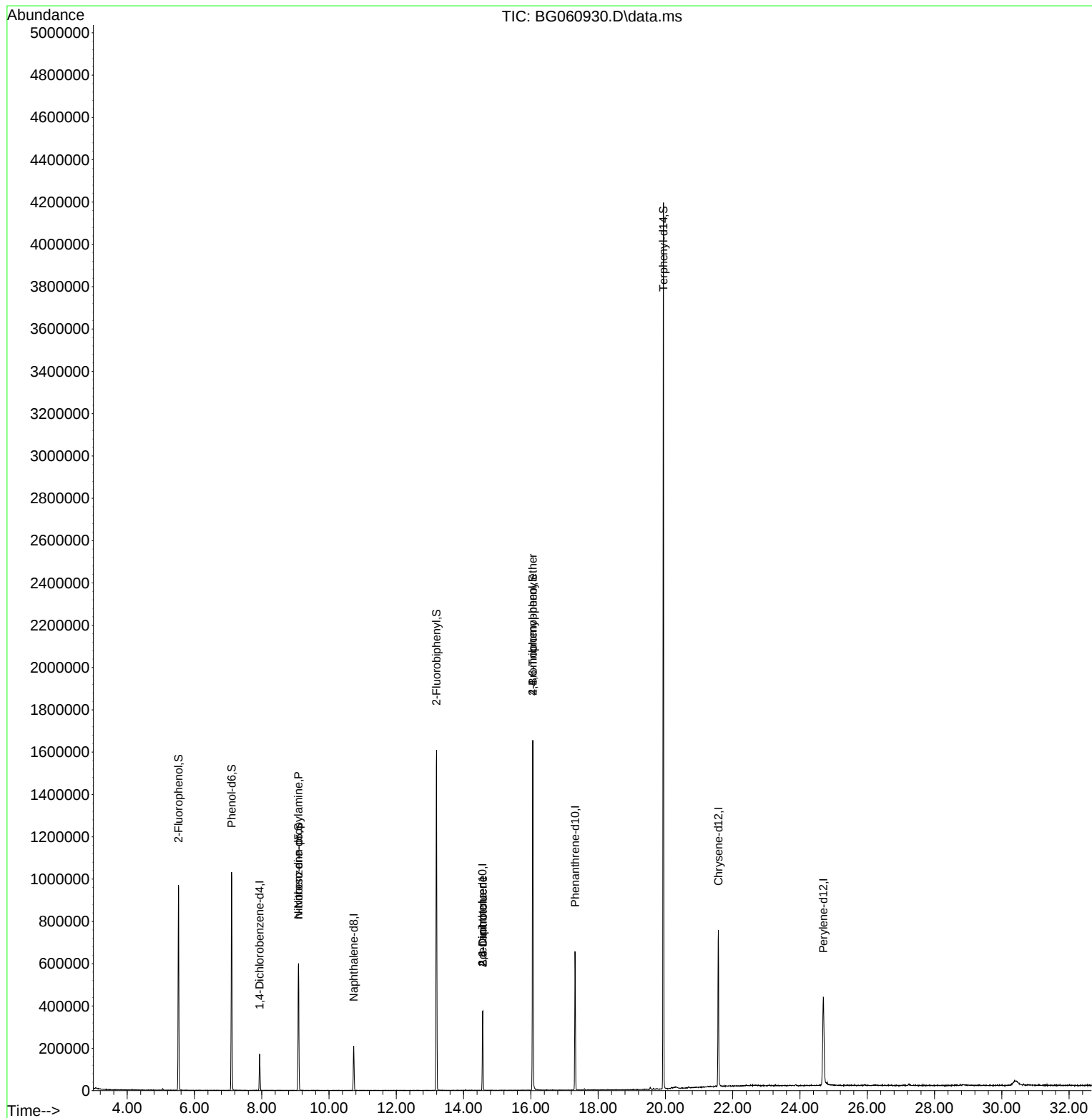
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	44870	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	168842	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	142662	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	413080	20.000	ng	0.00
76) Chrysene-d12	21.574	240	433614	20.000	ng	0.00
86) Perylene-d12	24.694	264	502308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	378437	146.498	ng	0.00
7) Phenol-d6	7.103	99	524810	141.027	ng	0.00
23) Nitrobenzene-d5	9.095	82	336567	90.495	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	340319	144.397	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	864458	88.921	ng	0.00
79) Terphenyl-d14	19.941	244	2150637	86.560	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.095	70	46026	16.237	ng	Qvalue # 67
51) 2,6-Dinitrotoluene	14.571	165	18065	7.829	ng	# 19
57) 2,4-Dinitrotoluene	14.571	165	18065	5.479	ng	# 21
67) 4-Bromophenyl-phenylether	16.057	248	22936	4.956	ng	# 1

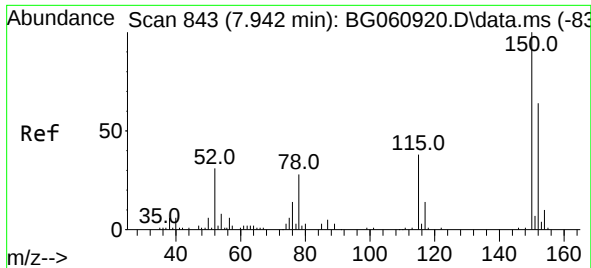
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
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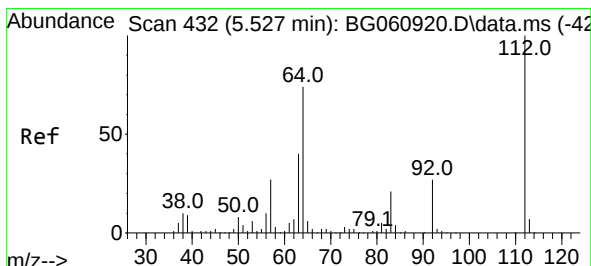
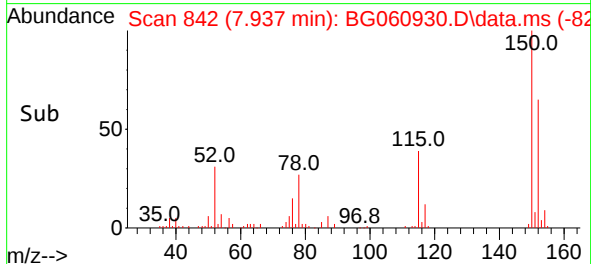
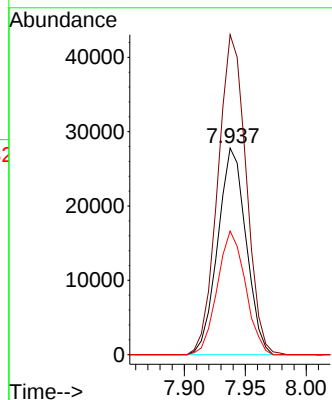
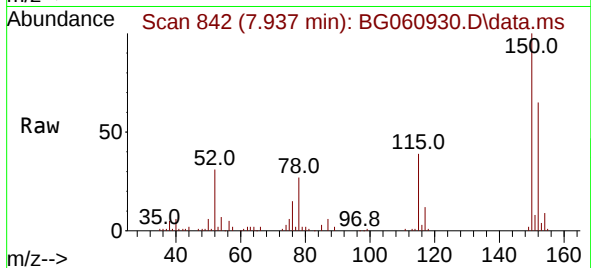




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.937 min Scan# 843
 Delta R.T. -0.005 min
 Lab File: BG060930.D
 Acq: 18 Apr 2024 10:20

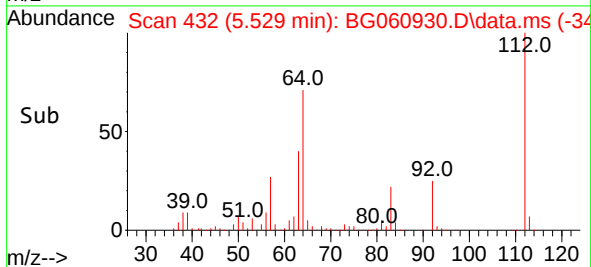
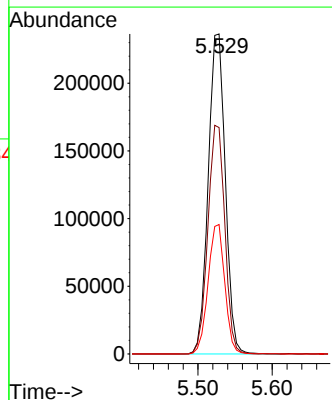
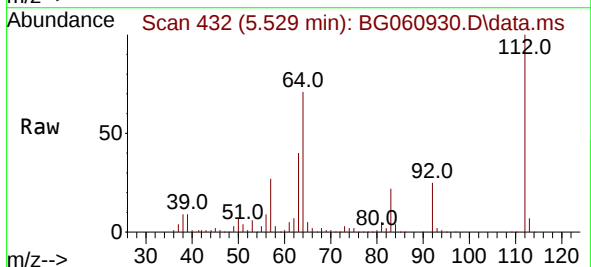
Instrument :
 BNA_G
 ClientSampleId :
 PB160120BL

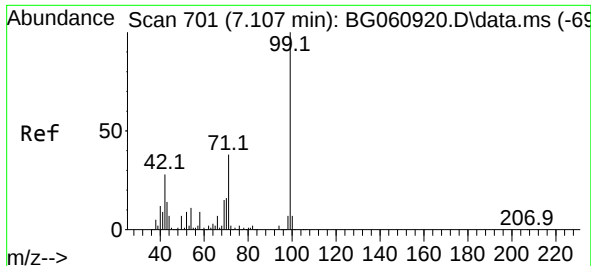
Tgt Ion:152 Resp: 44870
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.6 188.4
 115 59.9 47.1 70.7



#5
 2-Fluorophenol
 Concen: 146.498 ng
 RT: 5.529 min Scan# 432
 Delta R.T. 0.002 min
 Lab File: BG060930.D
 Acq: 18 Apr 2024 10:20

Tgt Ion:112 Resp: 378437
 Ion Ratio Lower Upper
 112 100
 64 70.7 58.9 88.3
 63 40.5 32.1 48.1

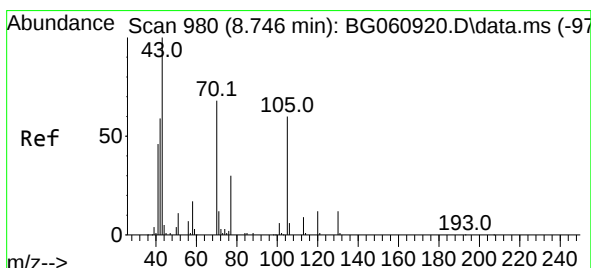
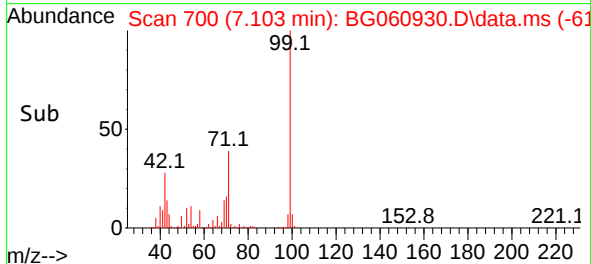
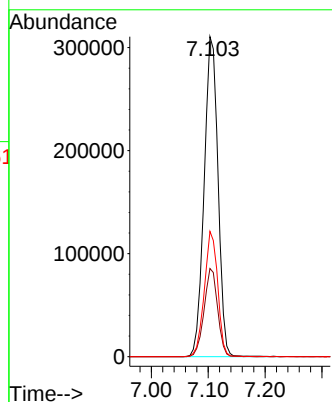
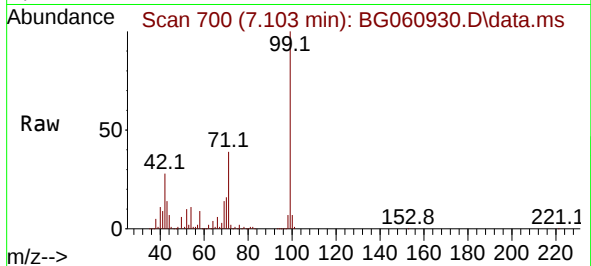




#7
Phenol-d6
Concen: 141.027 ng
RT: 7.103 min Scan# 701
Delta R.T. -0.004 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

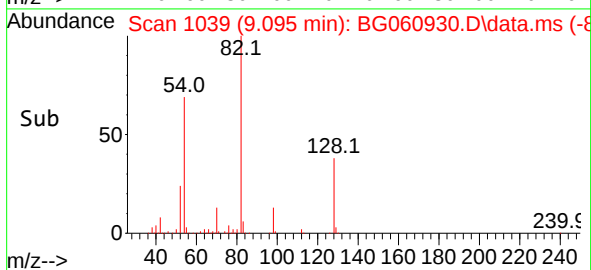
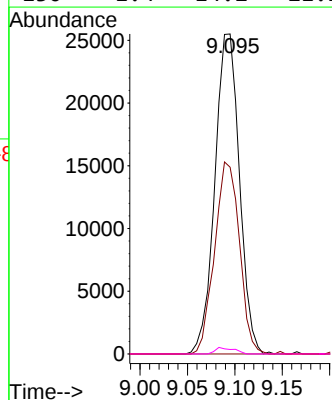
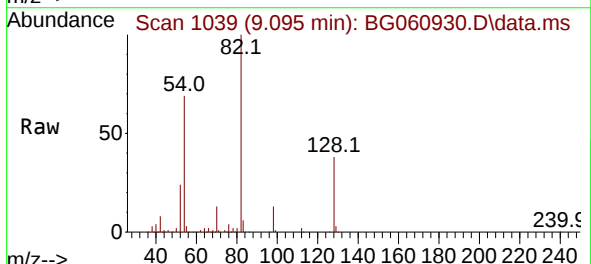
Instrument :
BNA_G
ClientSampleId :
PB160120BL

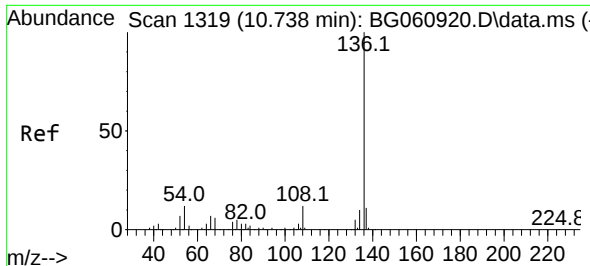
Tgt Ion: 99 Resp: 524810
Ion Ratio Lower Upper
99 100
42 27.6 22.2 33.2
71 39.2 30.5 45.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.237 ng
RT: 9.095 min Scan# 1039
Delta R.T. 0.348 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

Tgt Ion: 70 Resp: 46026
Ion Ratio Lower Upper
70 100
42 58.3 70.9 106.3#
101 0.0 7.0 10.4#
130 1.4 14.2 21.2#

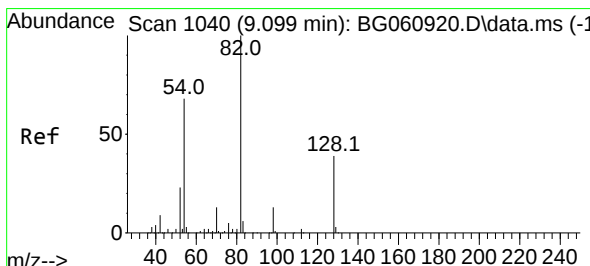
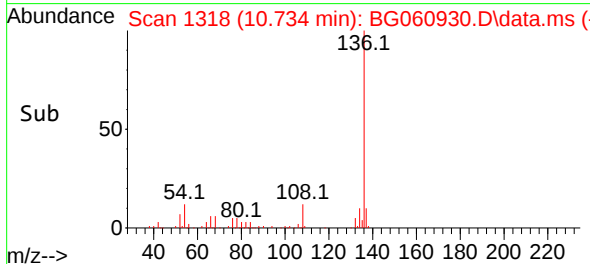
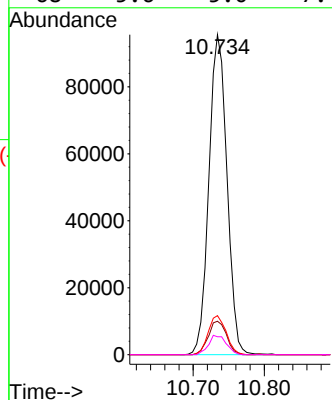
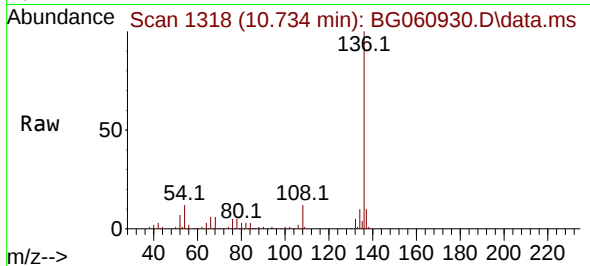




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

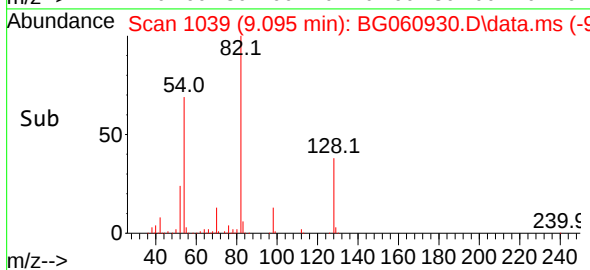
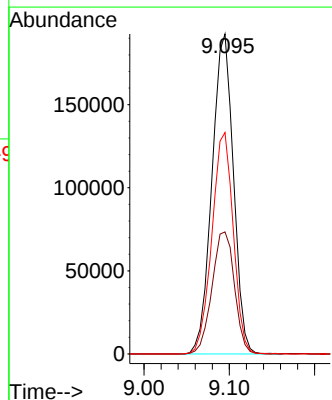
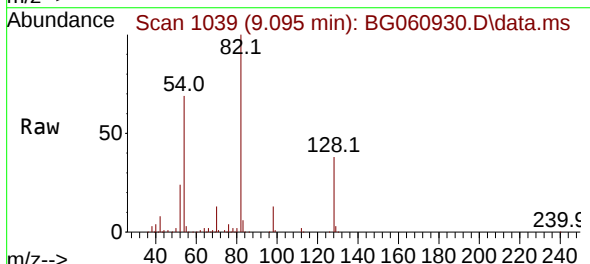
Instrument :
BNA_G
ClientSampleId :
PB160120BL

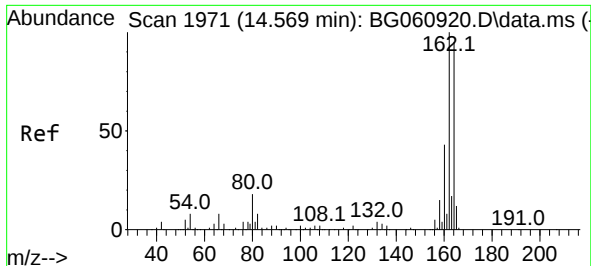
Tgt Ion:136 Resp: 168842
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 12.2 9.8 14.8
68 5.6 5.0 7.4



#23
Nitrobenzene-d5
Concen: 90.495 ng
RT: 9.095 min Scan# 1039
Delta R.T. -0.004 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

Tgt Ion: 82 Resp: 336567
Ion Ratio Lower Upper
82 100
128 38.1 31.4 47.0
54 69.2 54.2 81.4

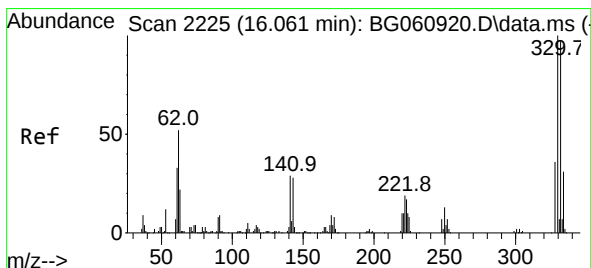
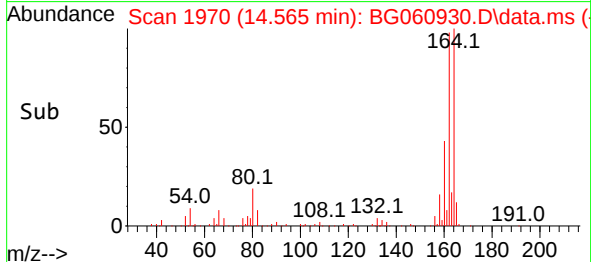
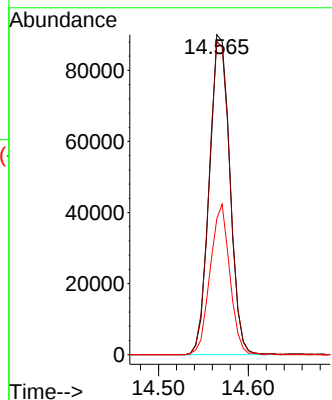
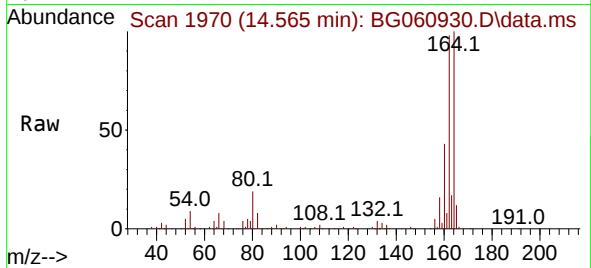




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1970
Delta R.T. -0.004 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

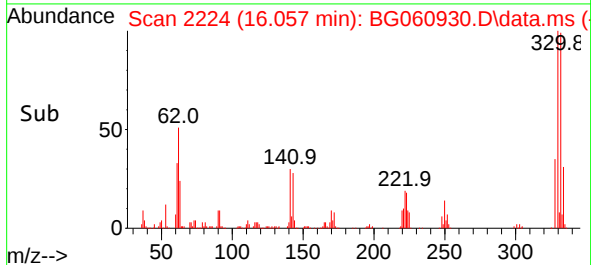
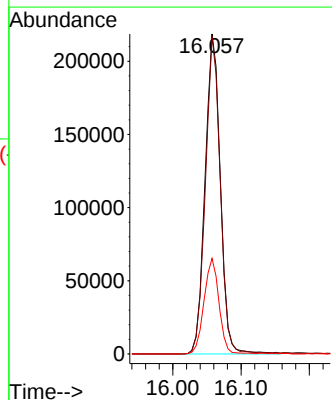
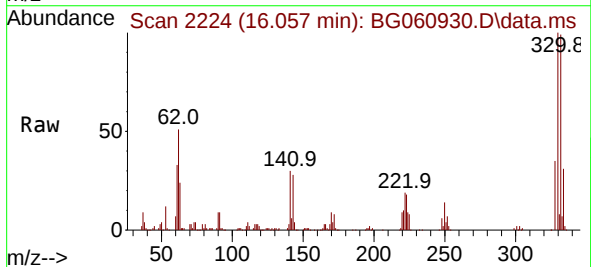
Instrument :
BNA_G
ClientSampleId :
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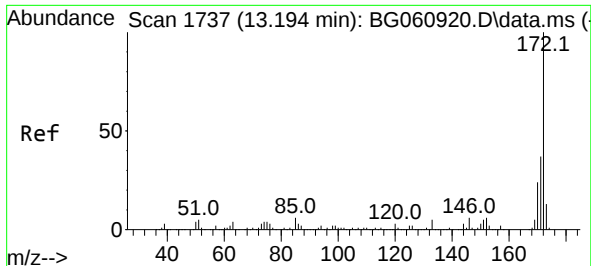
Tgt Ion:164 Resp: 142662
Ion Ratio Lower Upper
164 100
162 97.9 84.1 126.1
160 42.5 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 144.397 ng
RT: 16.057 min Scan# 2224
Delta R.T. -0.004 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

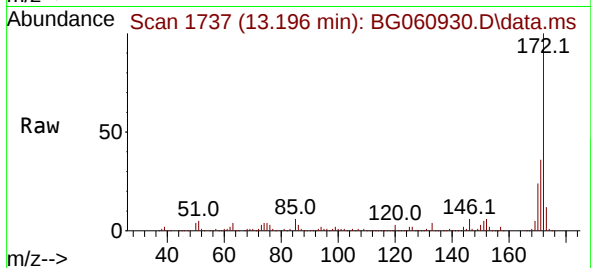
Tgt Ion:330 Resp: 340319
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 29.2 23.7 35.5



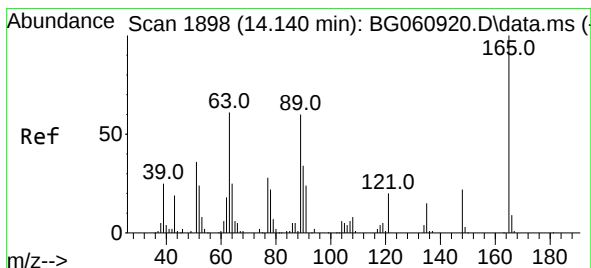
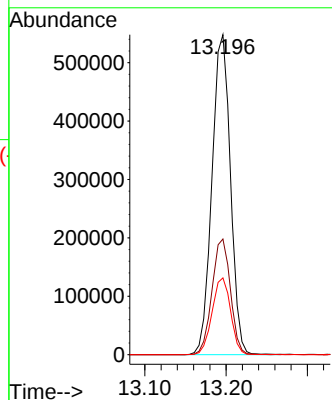
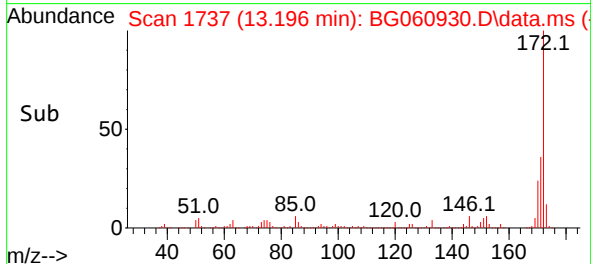


#45
2-Fluorobiphenyl
Concen: 88.921 ng
RT: 13.196 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

Instrument :
BNA_G
ClientSampleId :
PB160120BL

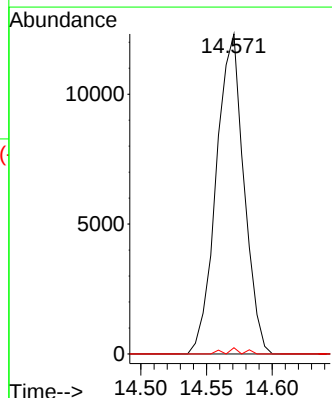
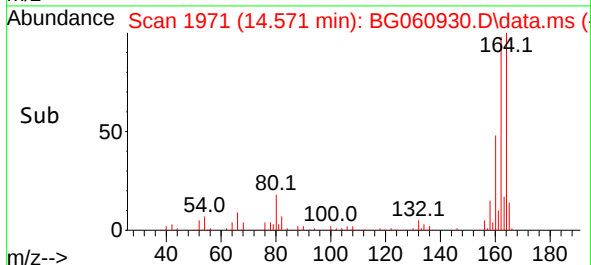
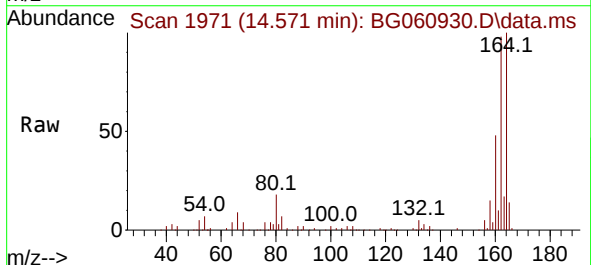


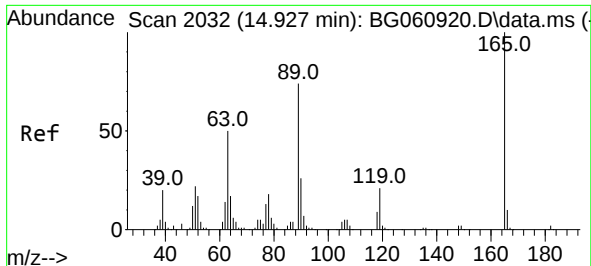
Tgt Ion:172 Resp: 864458
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.0 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.829 ng
RT: 14.571 min Scan# 1971
Delta R.T. 0.431 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

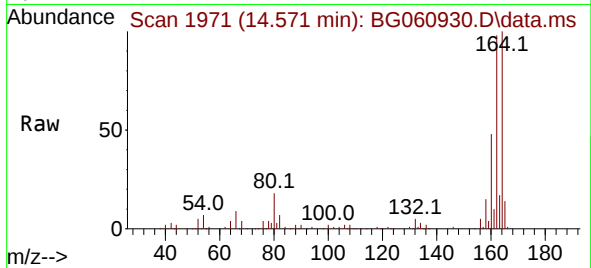
Tgt Ion:165 Resp: 18065
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.8#
89 1.9 48.2 72.4#



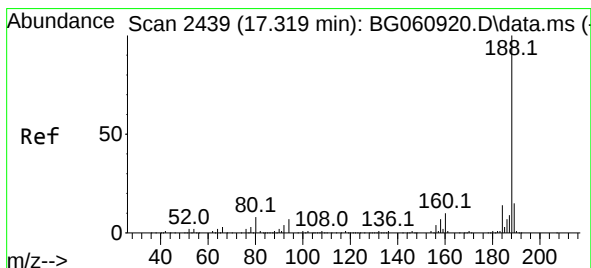
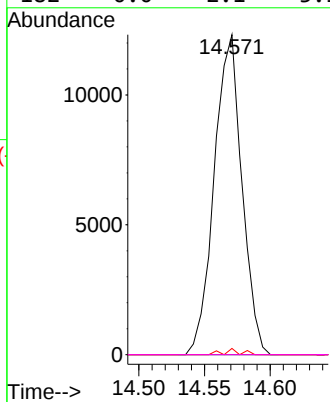
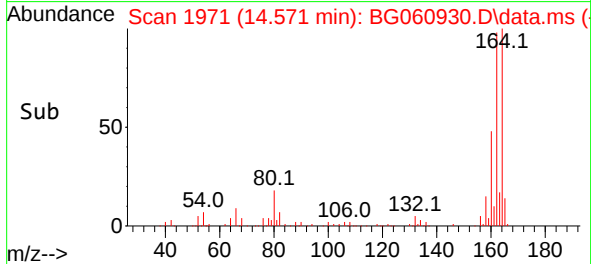


#57
2,4-Dinitrotoluene
Concen: 5.479 ng
RT: 14.571 min Scan# 1971
Delta R.T. -0.357 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

Instrument :
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ClientSampleId :
PB160120BL

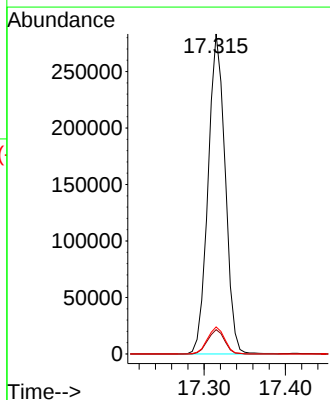
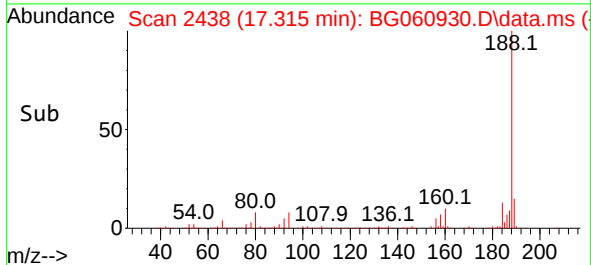
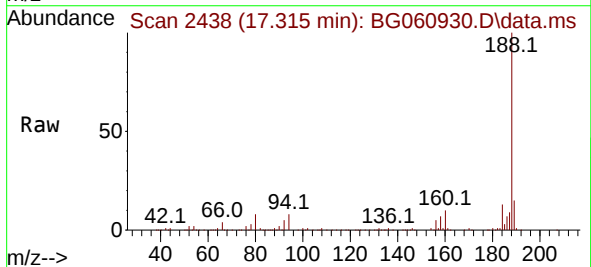


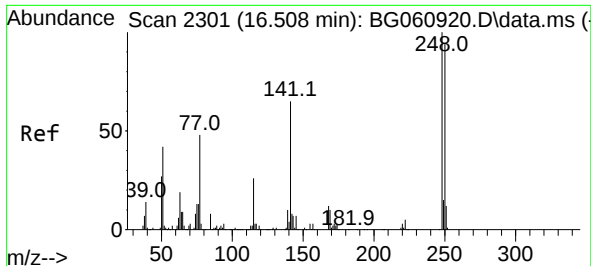
Tgt Ion:165 Resp: 18065
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.2#
89 1.9 59.0 88.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

Tgt Ion:188 Resp: 413080
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.5 6.6 9.8

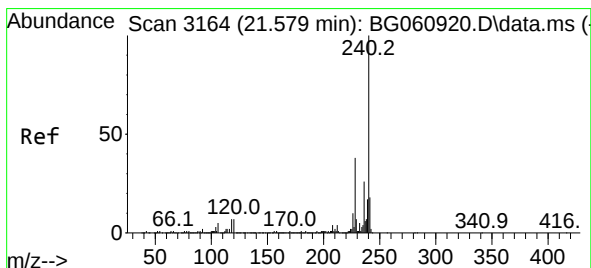
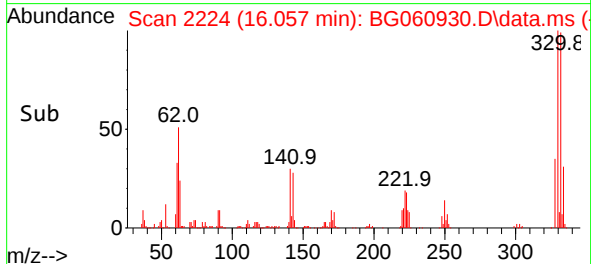
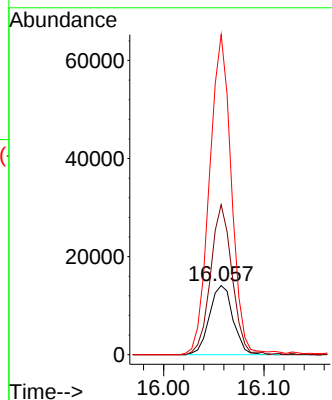
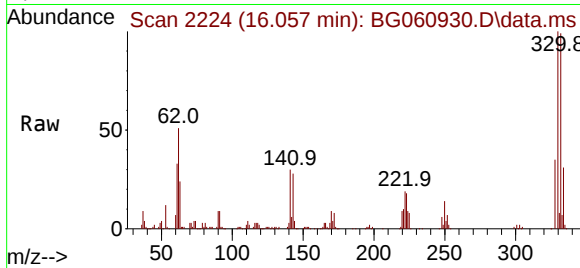




#67
4-Bromophenyl-phenylether
Concen: 4.956 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

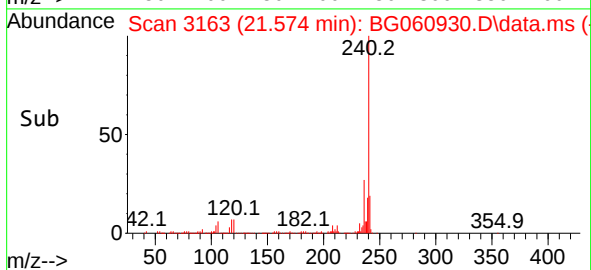
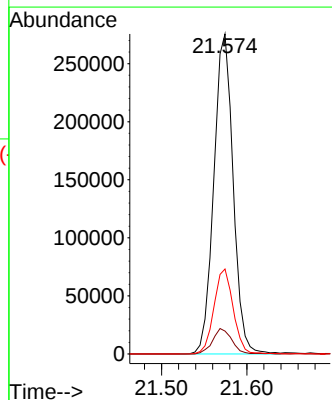
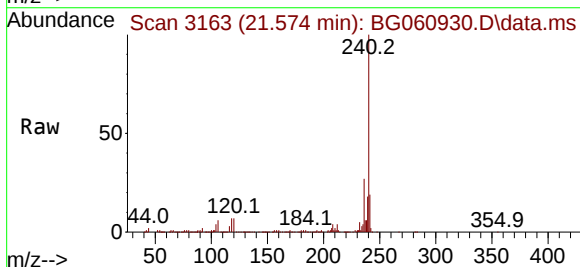
Instrument :
BNA_G
ClientSampleId :
PB160120BL

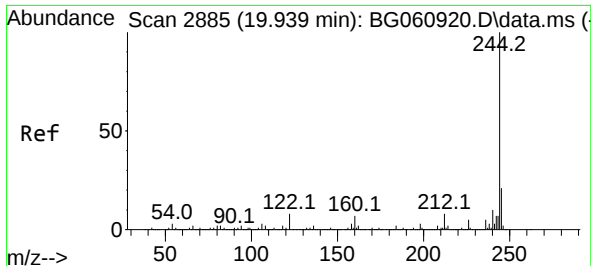
Tgt Ion:248 Resp: 22936
Ion Ratio Lower Upper
248 100
250 216.9 75.4 113.2#
141 462.9 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BG060930.D
Acq: 18 Apr 2024 10:20

Tgt Ion:240 Resp: 433614
Ion Ratio Lower Upper
240 100
120 7.2 5.7 8.5
236 26.6 21.1 31.7

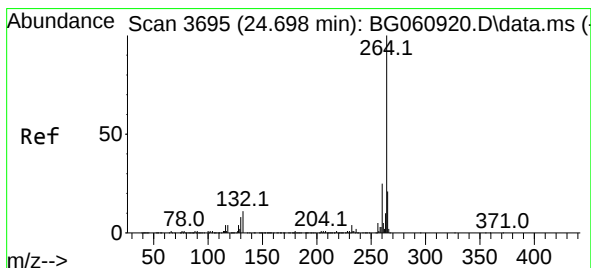
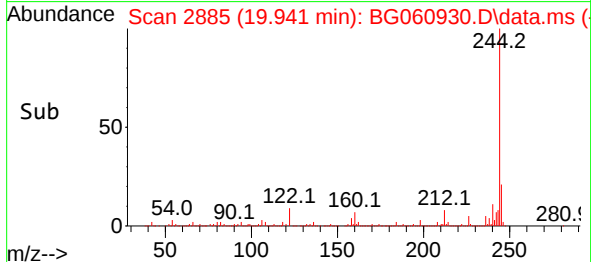
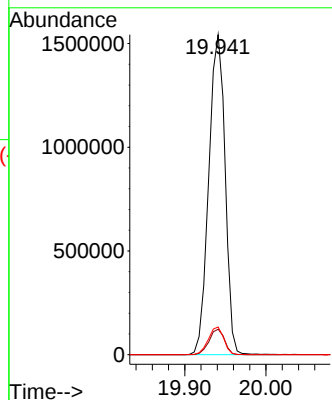
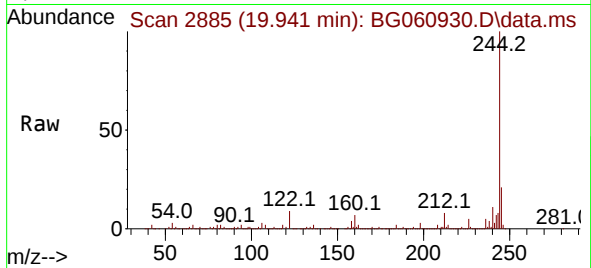




#79
 Terphenyl-d14
 Concen: 86.560 ng
 RT: 19.941 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG060930.D
 Acq: 18 Apr 2024 10:20

Instrument :
 BNA_G
 ClientSampleId :
 PB160120BL

Tgt Ion:244 Resp: 2150637
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 8.7 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.694 min Scan# 3694
 Delta R.T. -0.004 min
 Lab File: BG060930.D
 Acq: 18 Apr 2024 10:20

Tgt Ion:264 Resp: 502308
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 20.7 16.6 25.0

