

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061229.D
 Acq On : 16 May 2024 20:45
 Operator : MA/JU
 Sample : P2473-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-051424

Quant Time: May 17 01:20:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

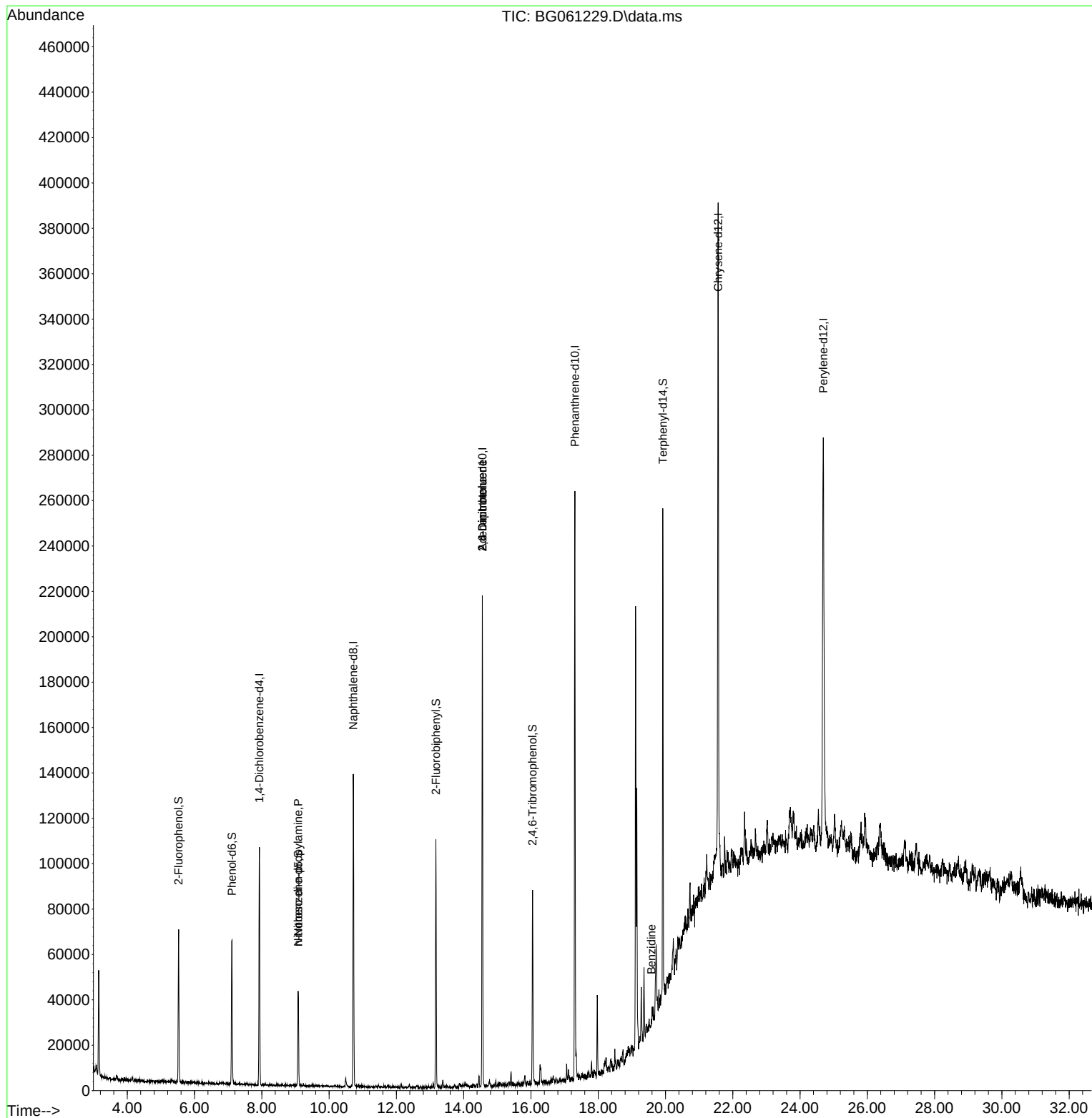
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	26785	20.000	ng	-0.03
21) Naphthalene-d8	10.720	136	104277	20.000	ng	#-0.04
39) Acenaphthene-d10	14.557	164	79414	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	171944	20.000	ng	-0.03
76) Chrysene-d12	21.566	240	176432	20.000	ng	-0.03
86) Perylene-d12	24.692	264	217416	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	23503	17.845	ng	-0.02
7) Phenol-d6	7.113	99	30787	15.802	ng	-0.02
23) Nitrobenzene-d5	9.081	82	21995	10.456	ng	-0.04
42) 2,4,6-Tribromophenol	16.049	330	19280	12.146	ng	-0.03
45) 2-Fluorobiphenyl	13.176	172	56544	10.529	ng	-0.03
79) Terphenyl-d14	19.921	244	105912	9.984	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.081	70	3205	2.198	ng	# 69
51) 2,6-Dinitrotoluene	14.557	165	10255	7.816	ng	# 15
57) 2,4-Dinitrotoluene	14.557	165	10255	5.283	ng	# 17
77) Benzidine	19.581	184	178	2.845	ng	# 1

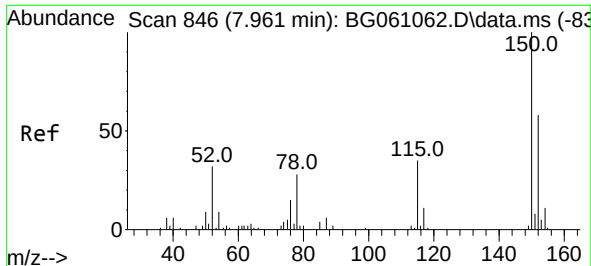
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061229.D
Acq On : 16 May 2024 20:45
Operator : MA/JU
Sample : P2473-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-051424

Quant Time: May 17 01:20:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

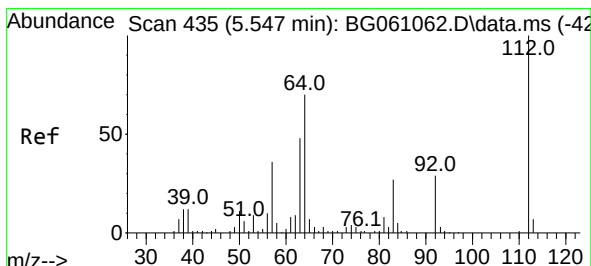
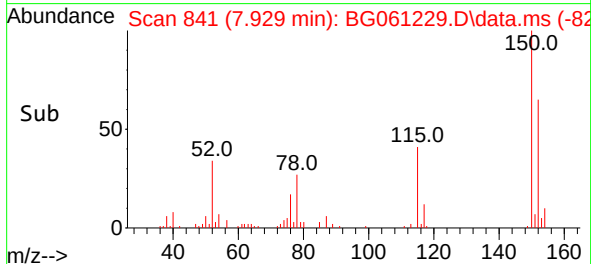
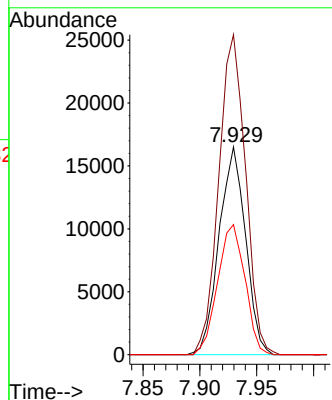
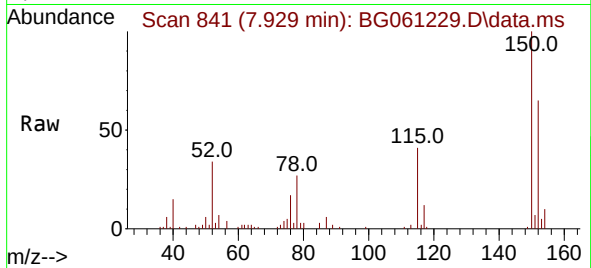




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 846
Delta R.T. -0.032 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

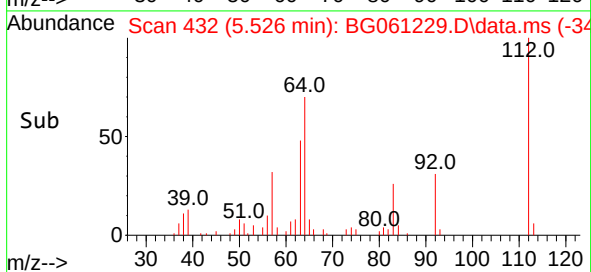
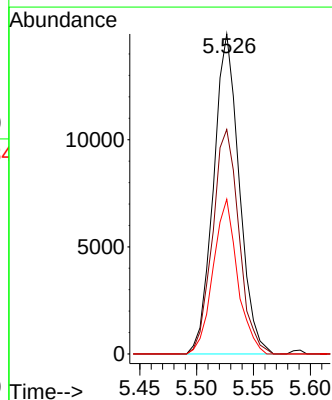
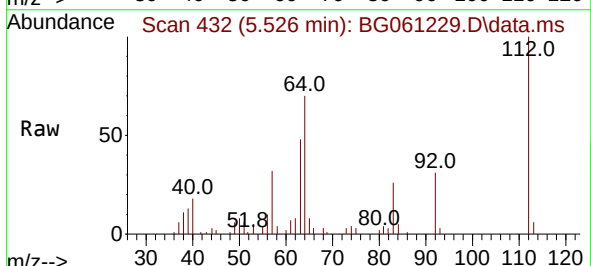
Instrument :
BNA_G
ClientSampleId :
TR-04-051424

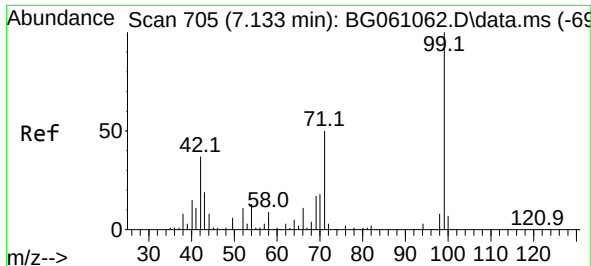
Tgt Ion:152 Resp: 26785
Ion Ratio Lower Upper
152 100
150 154.1 138.3 207.5
115 62.6 48.0 72.0



#5
2-Fluorophenol
Concen: 17.845 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

Tgt Ion:112 Resp: 23503
Ion Ratio Lower Upper
112 100
64 70.1 55.7 83.5
63 48.4 38.1 57.1

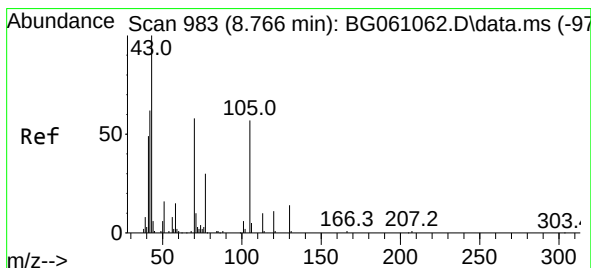
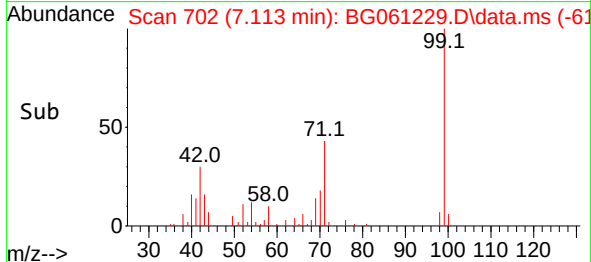
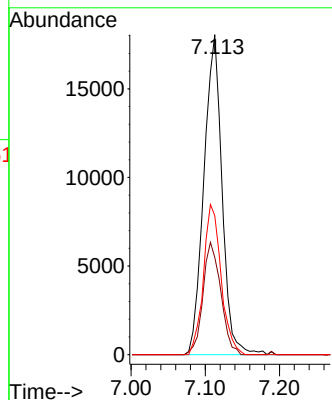
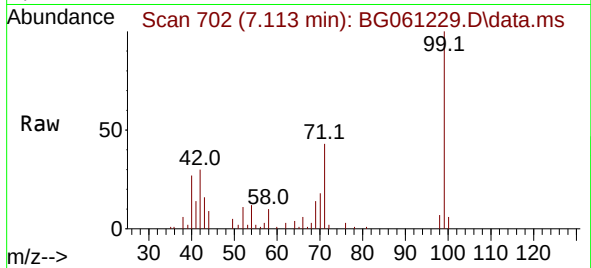




#7
Phenol-d6
Concen: 15.802 ng
RT: 7.113 min Scan# 705
Delta R.T. -0.020 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

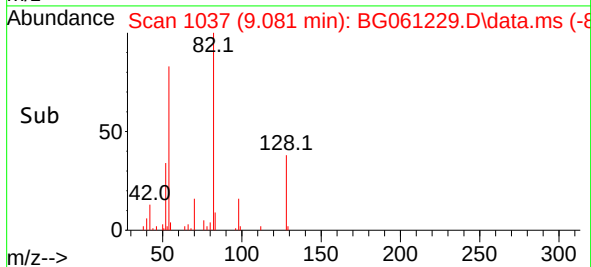
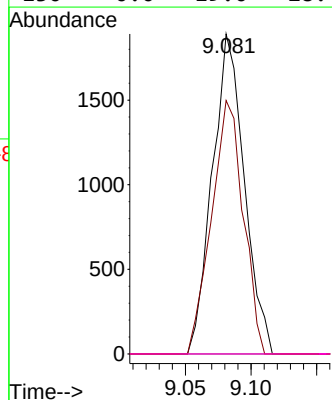
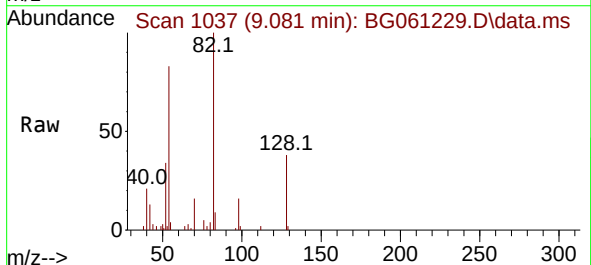
Instrument :
BNA_G
ClientSampleId :
TR-04-051424

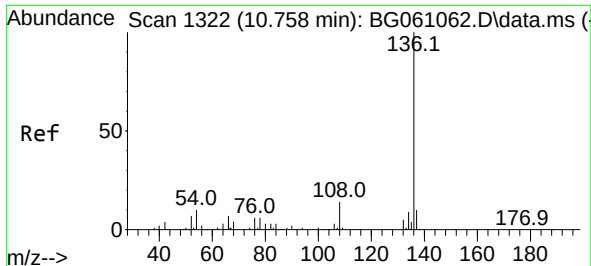
Tgt Ion: 99 Resp: 30787
Ion Ratio Lower Upper
99 100
42 30.4 29.2 43.8
71 43.5 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.198 ng
RT: 9.081 min Scan# 1037
Delta R.T. 0.315 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

Tgt Ion: 70 Resp: 3205
Ion Ratio Lower Upper
70 100
42 79.2 86.4 129.6#
101 0.0 7.8 11.8#
130 0.0 19.0 28.4#

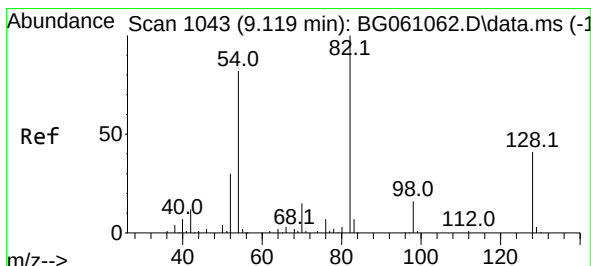
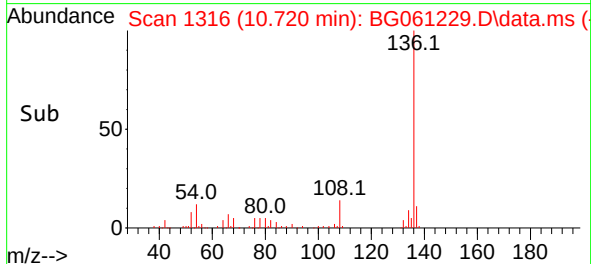
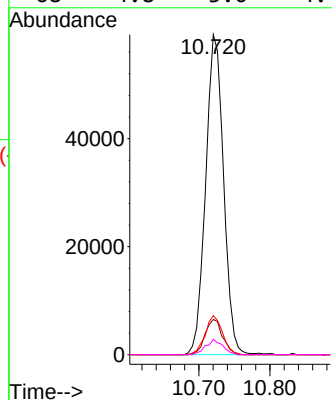
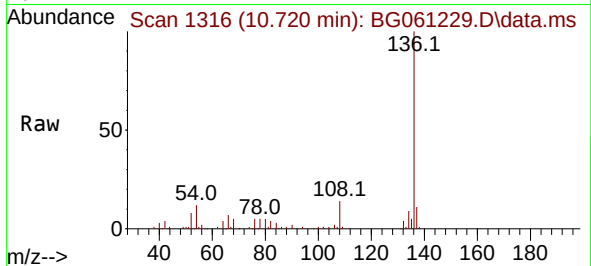




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 11
Delta R.T. -0.038 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

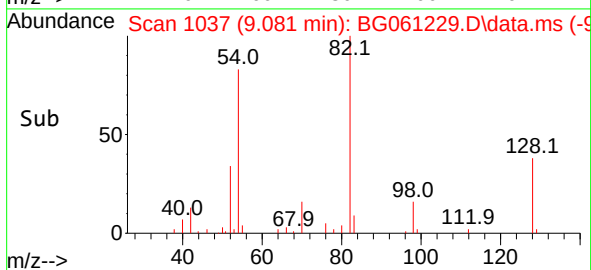
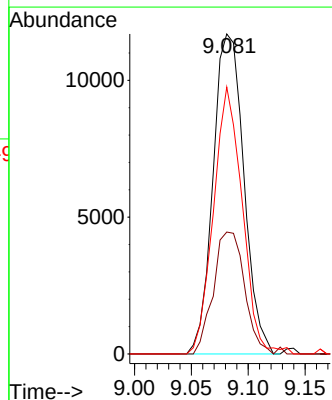
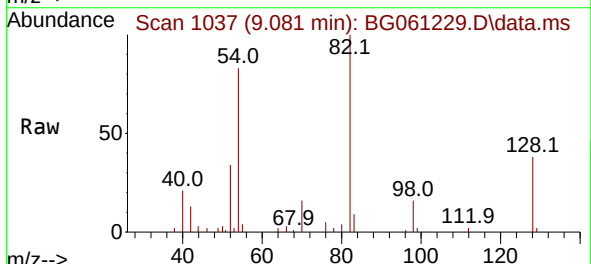
Instrument :
BNA_G
ClientSampleId :
TR-04-051424

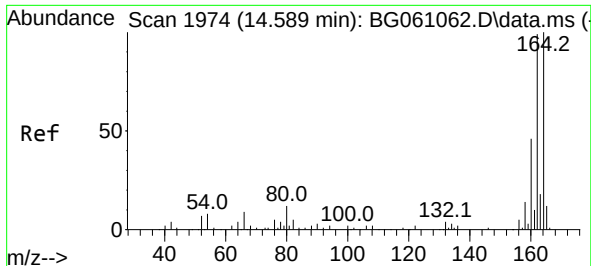
Tgt Ion:136 Resp: 104277
Ion Ratio Lower Upper
136 100
137 11.0 7.8 11.6
54 12.2 8.1 12.1#
68 4.8 3.0 4.4#



#23
Nitrobenzene-d5
Concen: 10.456 ng
RT: 9.081 min Scan# 1037
Delta R.T. -0.038 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

Tgt Ion: 82 Resp: 21995
Ion Ratio Lower Upper
82 100
128 38.1 32.7 49.1
54 83.4 65.6 98.4

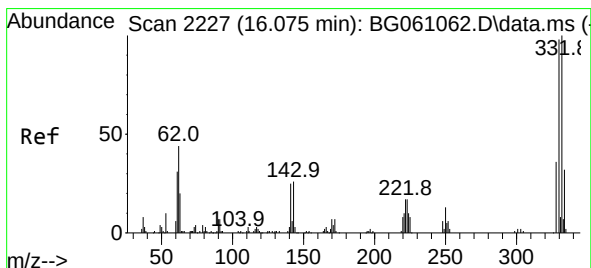
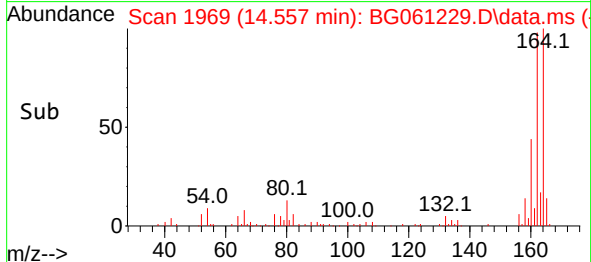
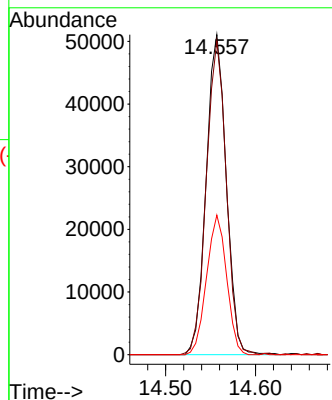
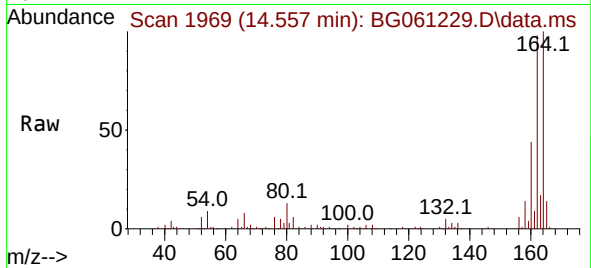




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.032 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

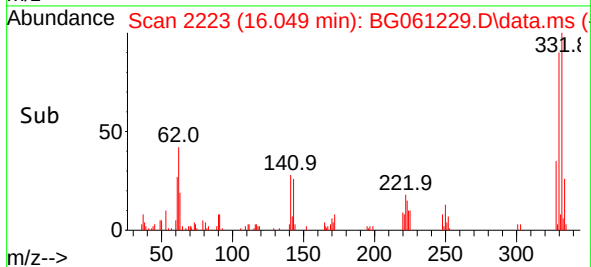
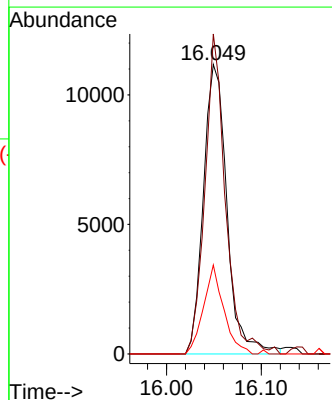
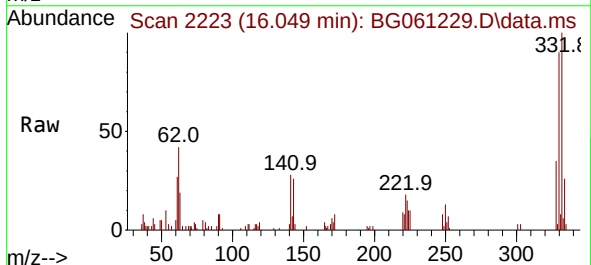
Instrument :
BNA_G
ClientSampleId :
TR-04-051424

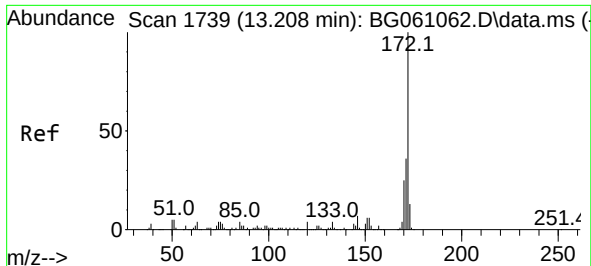
Tgt Ion:164 Resp: 79414
Ion Ratio Lower Upper
164 100
162 98.1 79.4 119.2
160 43.6 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 12.146 ng
RT: 16.049 min Scan# 2223
Delta R.T. -0.026 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

Tgt Ion:330 Resp: 19280
Ion Ratio Lower Upper
330 100
332 96.2 78.6 117.8
141 26.3 20.5 30.7

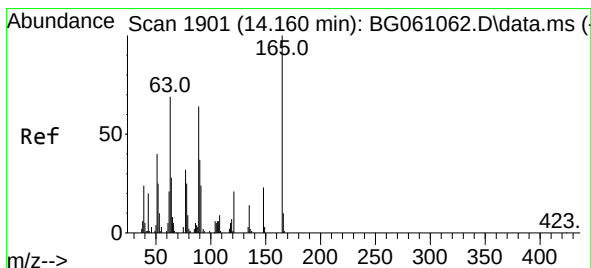
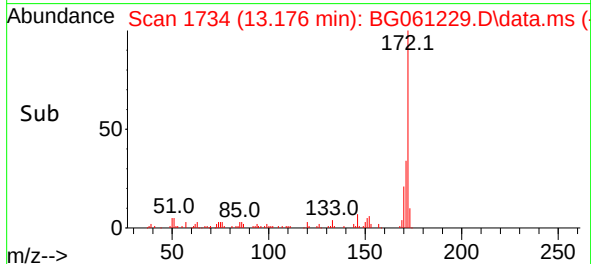
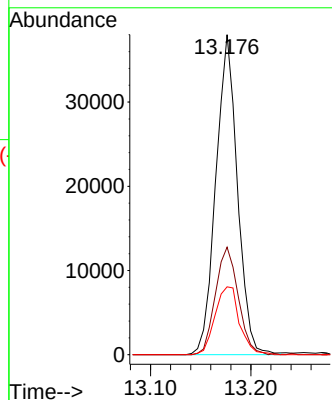
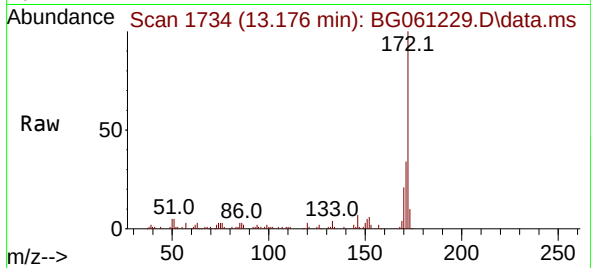




#45
2-Fluorobiphenyl
Concen: 10.529 ng
RT: 13.176 min Scan# 1734
Delta R.T. -0.032 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

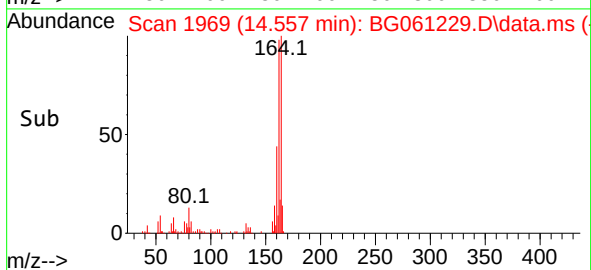
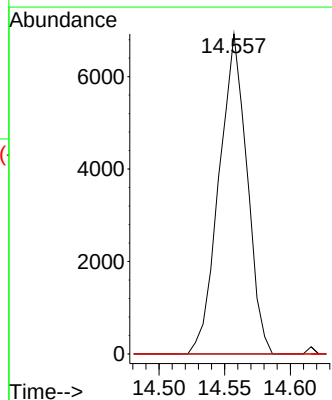
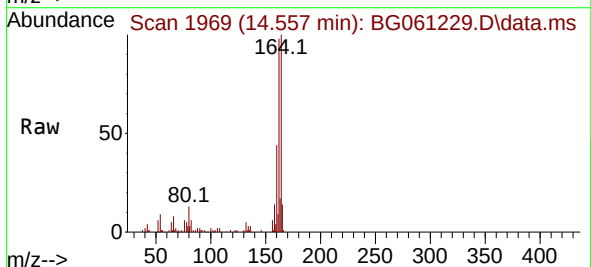
Instrument :
BNA_G
ClientSampleId :
TR-04-051424

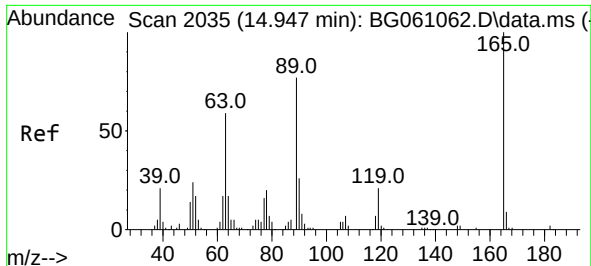
Tgt Ion:	172	Resp:	56544
Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.0	43.6
170	21.2	20.2	30.4



#51
2,6-Dinitrotoluene
Concen: 7.816 ng
RT: 14.557 min Scan# 1969
Delta R.T. 0.397 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

Tgt Ion:	165	Resp:	10255
Ion	Ratio	Lower	Upper
165	100		
63	0.0	60.0	90.0#
89	0.0	50.9	76.3#





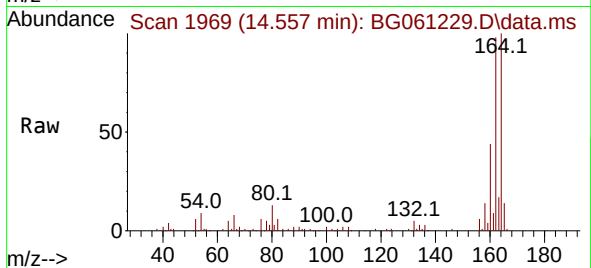
#57
2,4-Dinitrotoluene
Concen: 5.283 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.390 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

Instrument :

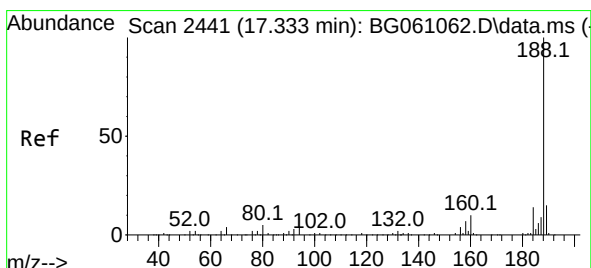
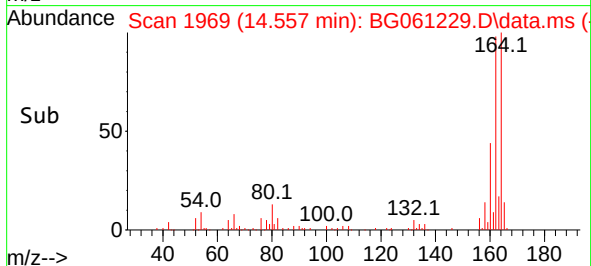
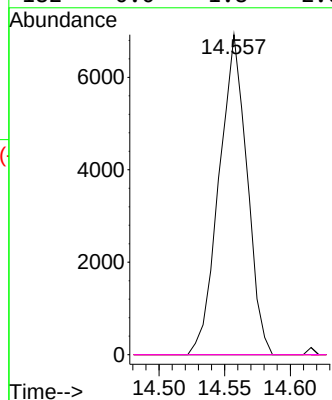
BNA_G

ClientSampleId :

TR-04-051424

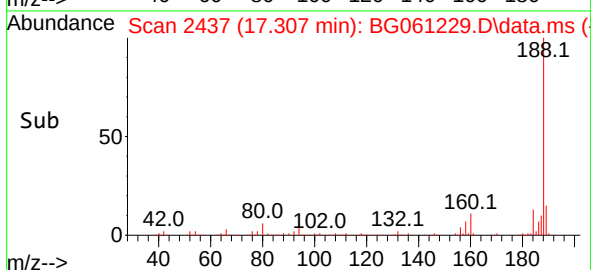
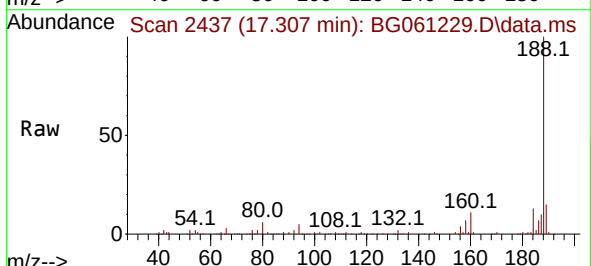
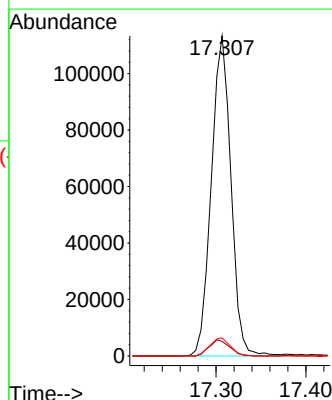


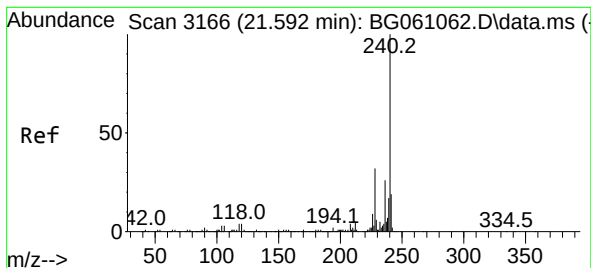
Tgt Ion:	165	Resp:	10255
Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	0.0	61.8	92.8#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2437
Delta R.T. -0.026 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

Tgt Ion:	188	Resp:	171944
Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.6	5.4
80	5.7	4.2	6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.566 min Scan# 3166

Delta R.T. -0.026 min

Lab File: BG061229.D

Acq: 16 May 2024 20:45

Instrument :

BNA_G

ClientSampleId :

TR-04-051424

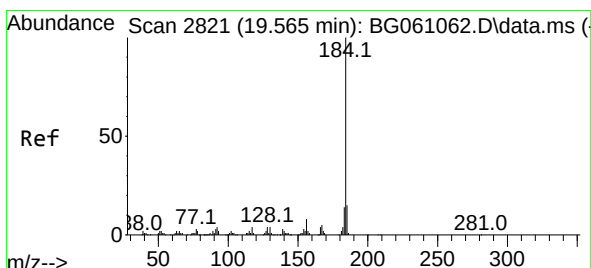
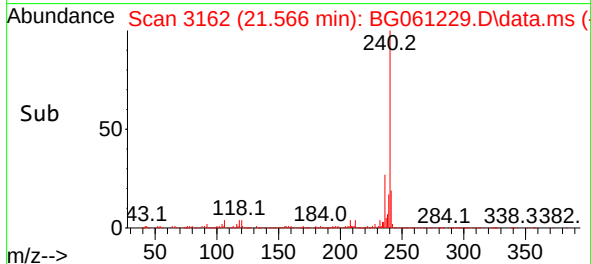
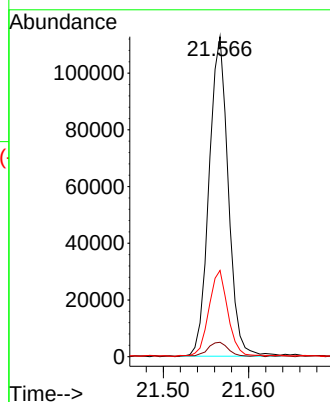
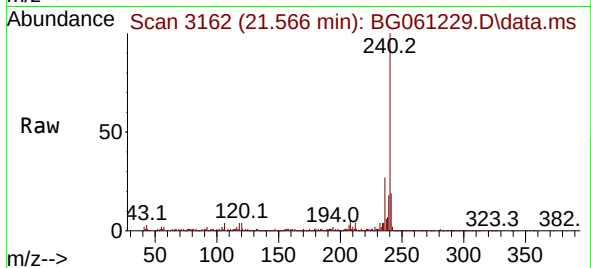
Tgt Ion:240 Resp: 176432

Ion Ratio Lower Upper

240 100

120 4.5 3.2 4.8

236 26.9 21.0 31.6



#77

Benzidine

Concen: 2.845 ng

RT: 19.581 min Scan# 2824

Delta R.T. 0.016 min

Lab File: BG061229.D

Acq: 16 May 2024 20:45

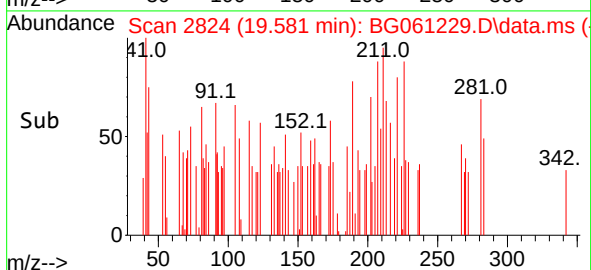
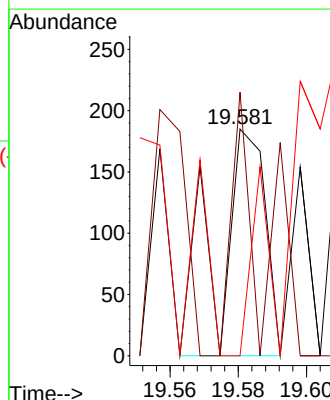
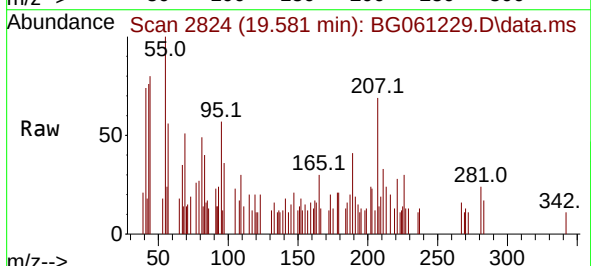
Tgt Ion:184 Resp: 178

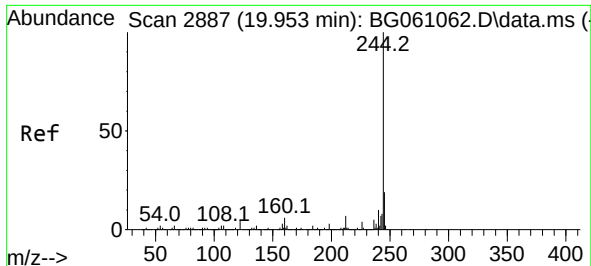
Ion Ratio Lower Upper

184 100

185 116.2 12.0 18.0#

183 0.0 10.9 16.3#

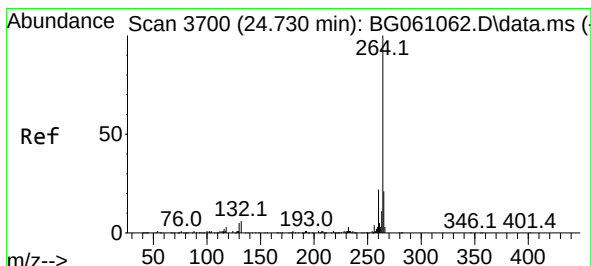
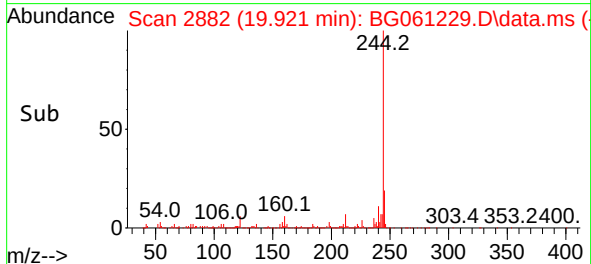
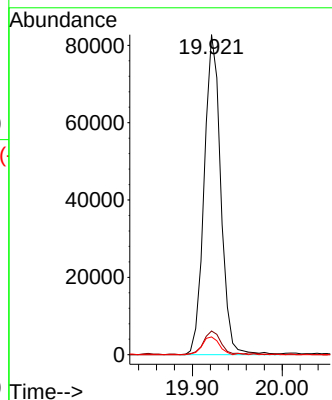
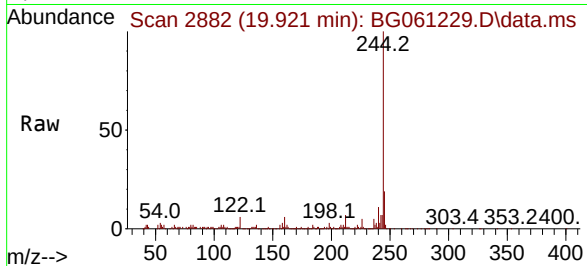




#79
 Terphenyl-d14
 Concen: 9.984 ng
 RT: 19.921 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: BG061229.D
 Acq: 16 May 2024 20:45

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-051424

Tgt Ion:244 Resp: 105912
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 5.5 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 3694
 Delta R.T. -0.038 min
 Lab File: BG061229.D
 Acq: 16 May 2024 20:45

Tgt Ion:264 Resp: 217416
 Ion Ratio Lower Upper
 264 100
 260 25.5 17.7 26.5
 265 21.5 16.4 24.6

