

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
 Data File : BG061171.D
 Acq On : 10 May 2024 20:24
 Operator : MA/JU
 Sample : P2430-05 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-SS003-1224-01

Quant Time: May 10 23:02:23 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)

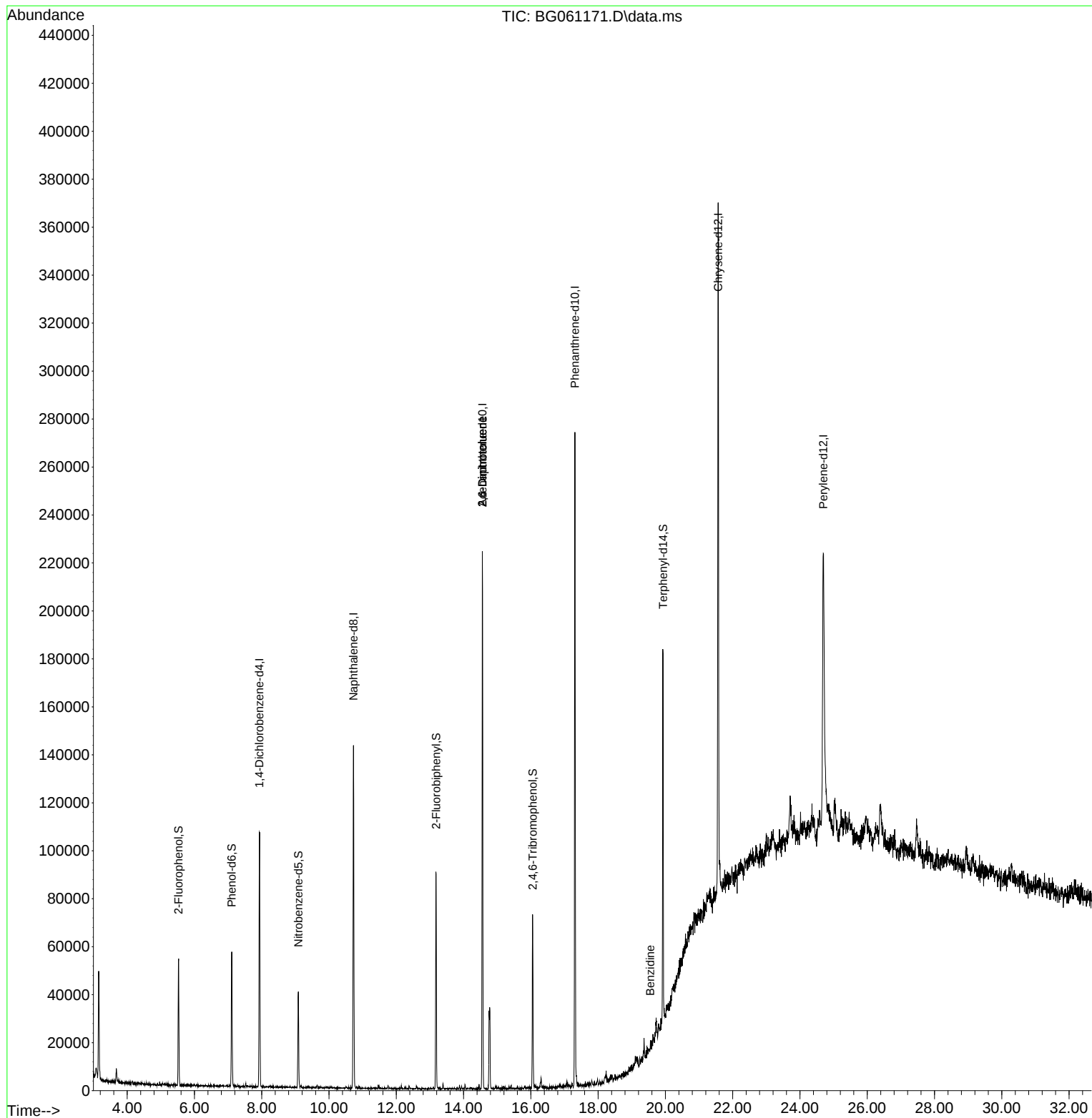
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	27693	20.000	ng	-0.03
21) Naphthalene-d8	10.727	136	110581	20.000	ng	-0.03
39) Acenaphthene-d10	14.558	164	80878	20.000	ng	-0.03
64) Phenanthrene-d10	17.308	188	179486	20.000	ng	-0.02
76) Chrysene-d12	21.568	240	185683	20.000	ng	#-0.02
86) Perylene-d12	24.693	264	184980	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	19230	14.122	ng	-0.02
7) Phenol-d6	7.108	99	26322	13.067	ng	-0.02
23) Nitrobenzene-d5	9.088	82	20395	9.143	ng	-0.03
42) 2,4,6-Tribromophenol	16.056	330	17462	10.802	ng	-0.02
45) 2-Fluorobiphenyl	13.183	172	49598	9.068	ng	-0.02
79) Terphenyl-d14	19.928	244	83216	7.454	ng	-0.02
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.558	165	10066	7.533	ng	# 16
57) 2,4-Dinitrotoluene	14.558	165	10066	5.092	ng	# 18
77) Benzidine	19.552	184	55	2.810	ng	# 1

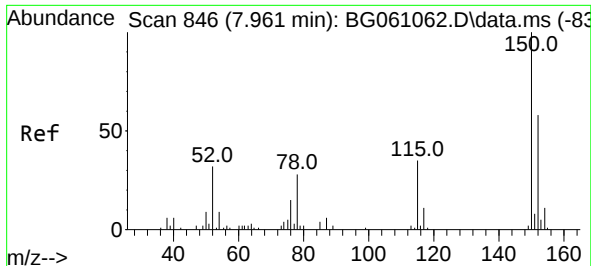
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
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Misc :
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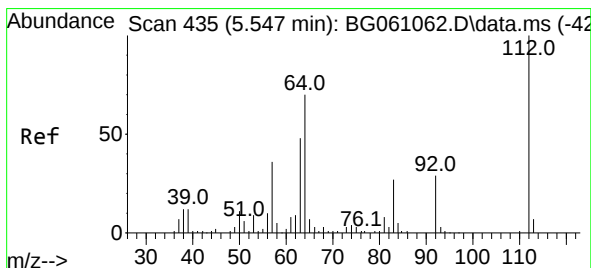
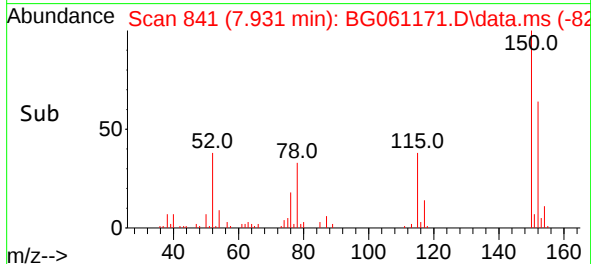
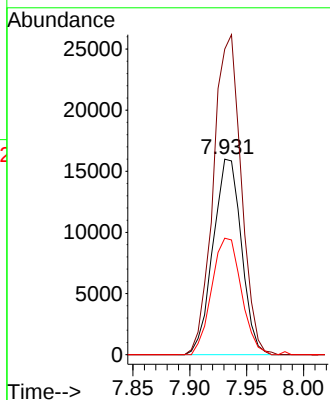
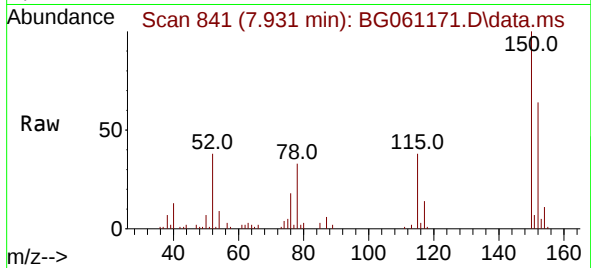




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 846
Delta R.T. -0.030 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

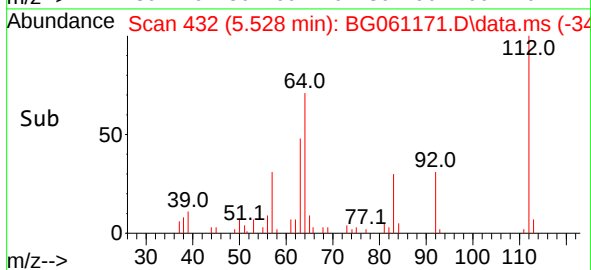
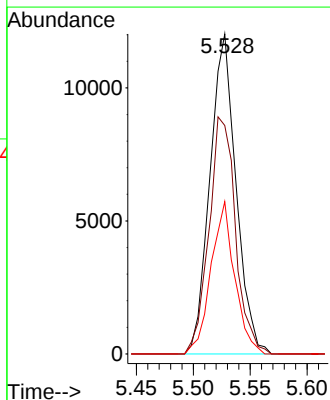
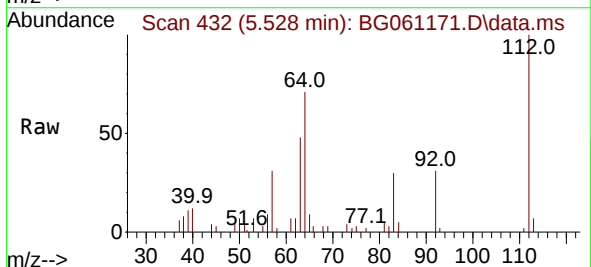
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS003-1224-01

Tgt Ion:152 Resp: 27693
Ion Ratio Lower Upper
152 100
150 156.3 138.3 207.5
115 59.6 48.0 72.0



#5
2-Fluorophenol
Concen: 14.122 ng
RT: 5.528 min Scan# 432
Delta R.T. -0.019 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Tgt Ion:112 Resp: 19230
Ion Ratio Lower Upper
112 100
64 71.4 55.7 83.5
63 47.6 38.1 57.1

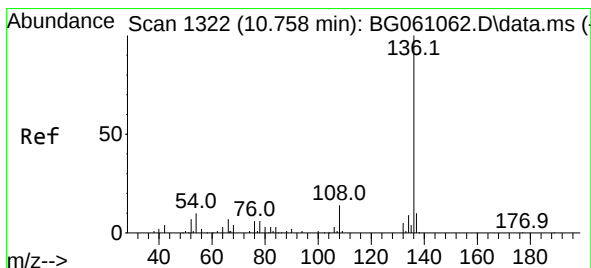
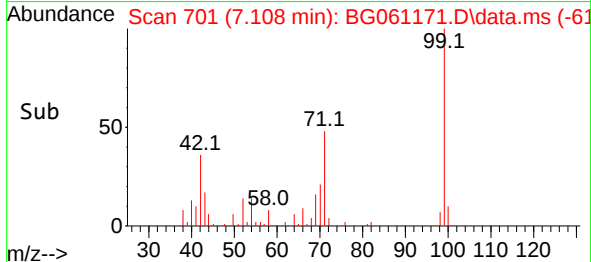
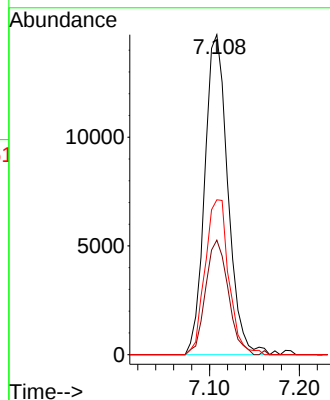
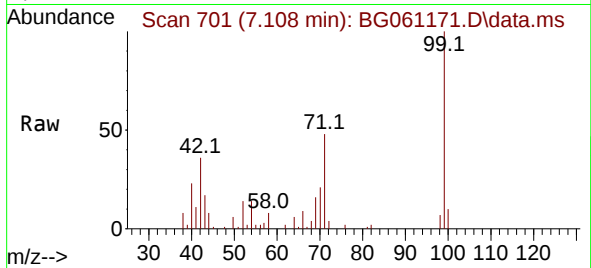




#7
Phenol-d6
Concen: 13.067 ng
RT: 7.108 min Scan# 705
Delta R.T. -0.025 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

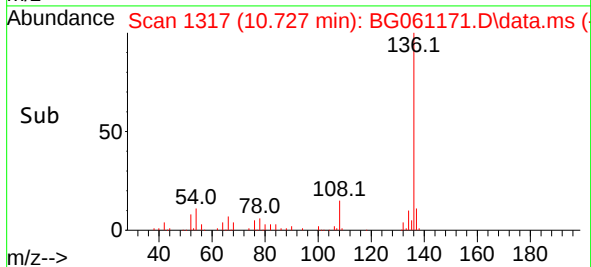
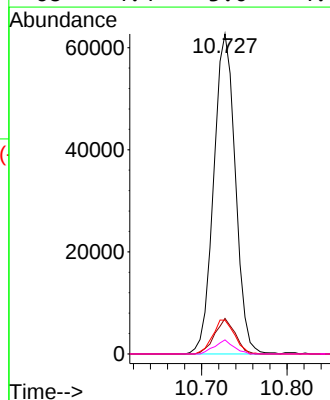
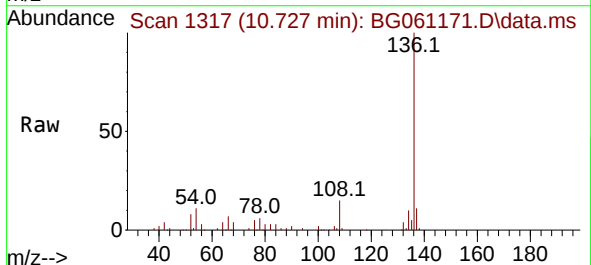
Instrument :
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ClientSampleId :
1011UMR-SS003-1224-01

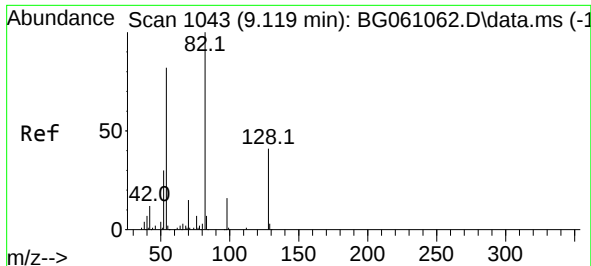
Tgt Ion: 99 Resp: 26322
Ion Ratio Lower Upper
99 100
42 35.8 29.2 43.8
71 48.4 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1317
Delta R.T. -0.031 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Tgt Ion:136 Resp: 110581
Ion Ratio Lower Upper
136 100
137 11.1 7.8 11.6
54 10.5 8.1 12.1
68 4.4 3.0 4.4

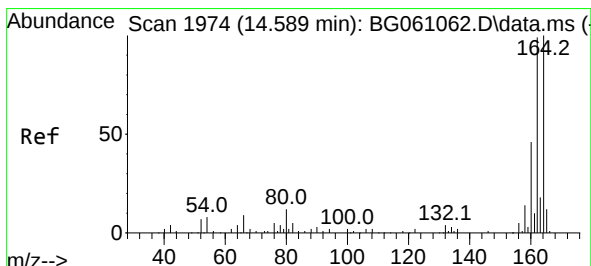
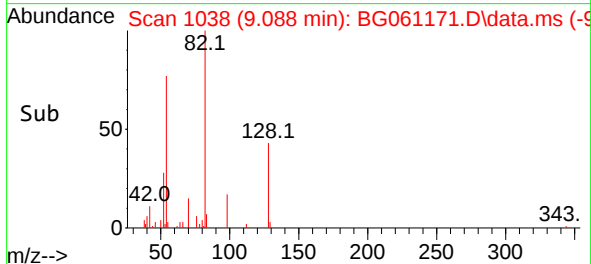
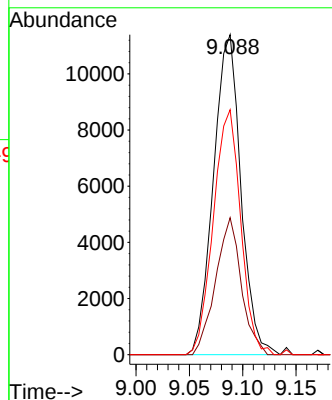
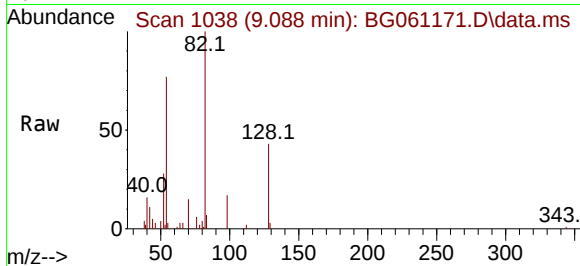




#23
Nitrobenzene-d5
Concen: 9.143 ng
RT: 9.088 min Scan# 1038
Delta R.T. -0.031 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

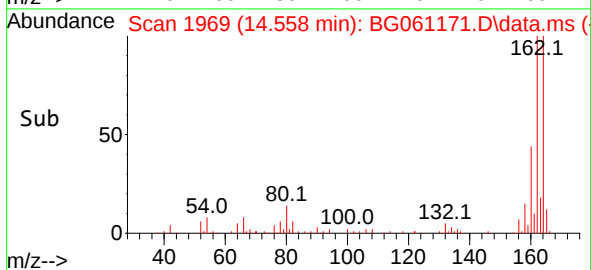
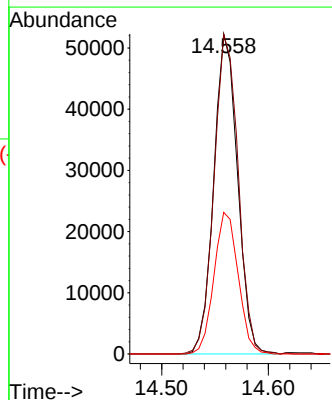
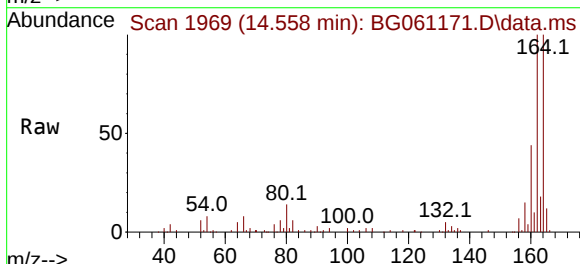
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS003-1224-01

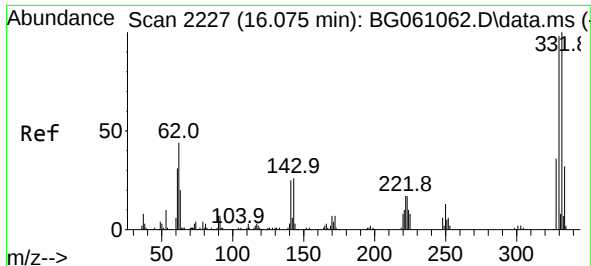
Tgt Ion: 82 Resp: 20395
Ion Ratio Lower Upper
82 100
128 42.8 32.7 49.1
54 76.5 65.6 98.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1969
Delta R.T. -0.031 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Tgt Ion:164 Resp: 80878
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.2
160 44.2 37.0 55.6

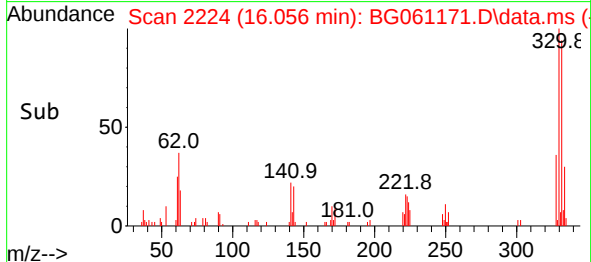
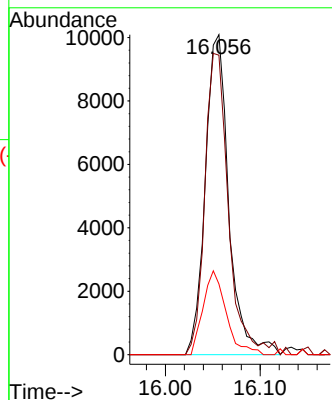
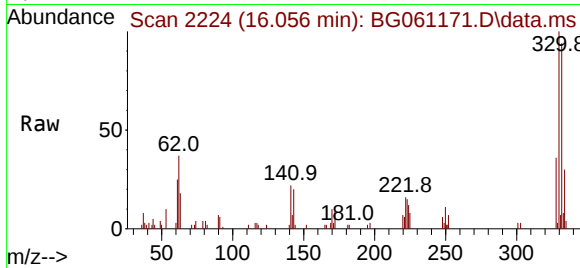




#42
2,4,6-Tribromophenol
Concen: 10.802 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.019 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

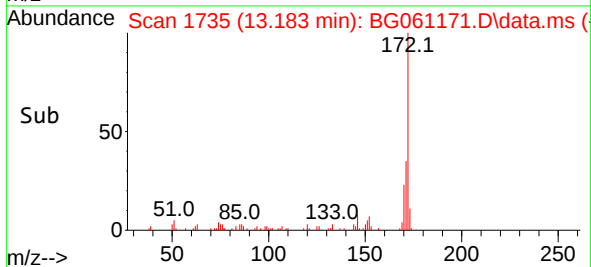
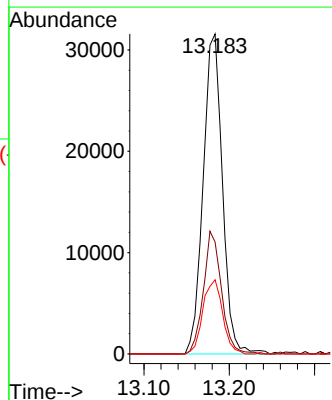
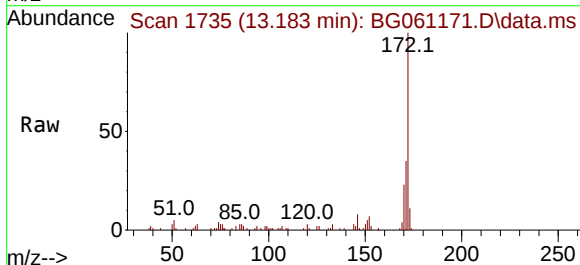
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS003-1224-01

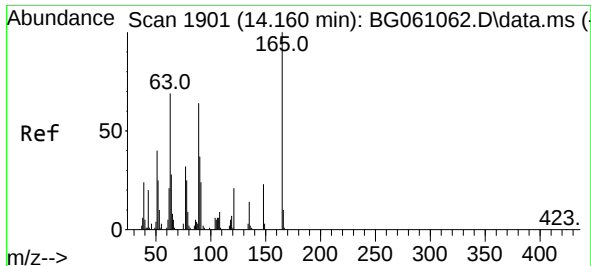
Tgt Ion:330 Resp: 17462
Ion Ratio Lower Upper
330 100
332 94.7 78.6 117.8
141 25.7 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 9.068 ng
RT: 13.183 min Scan# 1735
Delta R.T. -0.025 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Tgt Ion:172 Resp: 49598
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 23.2 20.2 30.4

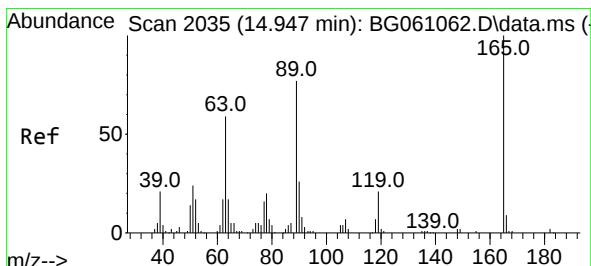
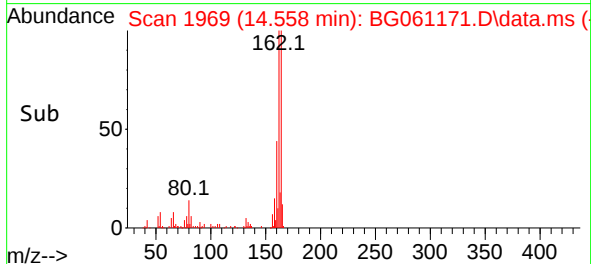
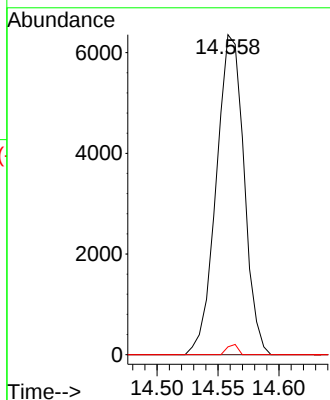
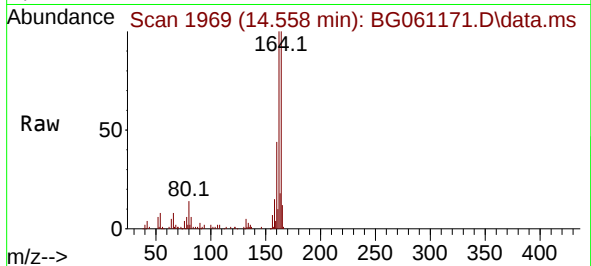




#51
2,6-Dinitrotoluene
Concen: 7.533 ng
RT: 14.558 min Scan# 1969
Delta R.T. 0.398 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

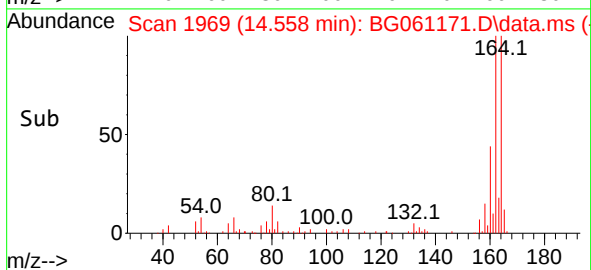
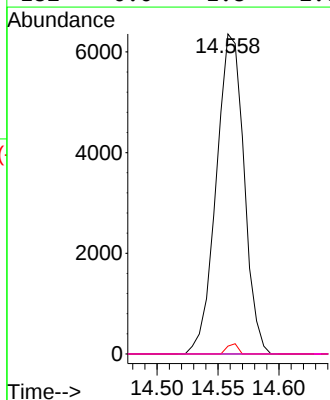
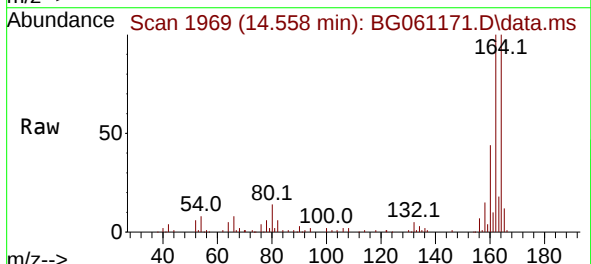
Instrument :
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ClientSampleId :
1011UMR-SS003-1224-01

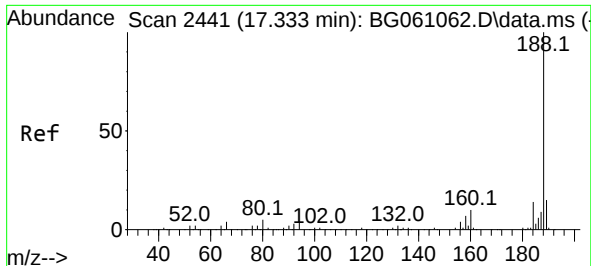
Tgt Ion:165 Resp: 10066
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 2.5 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.092 ng
RT: 14.558 min Scan# 1969
Delta R.T. -0.389 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Tgt Ion:165 Resp: 10066
Ion Ratio Lower Upper
165 100
63 0.0 47.3 70.9#
89 2.5 61.8 92.8#
182 0.0 1.8 2.6#

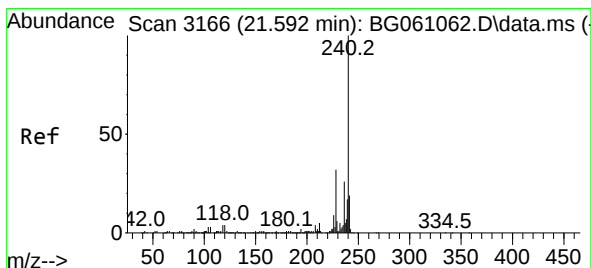
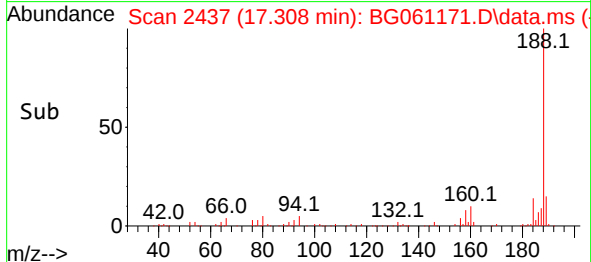
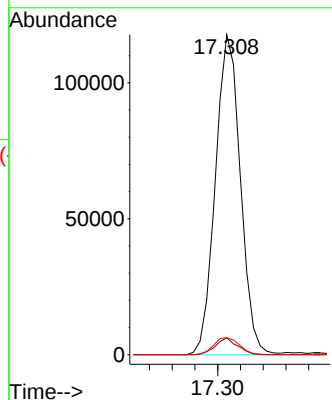
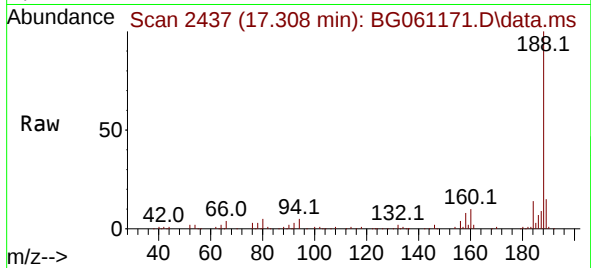




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.308 min Scan# 2441
Delta R.T. -0.025 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

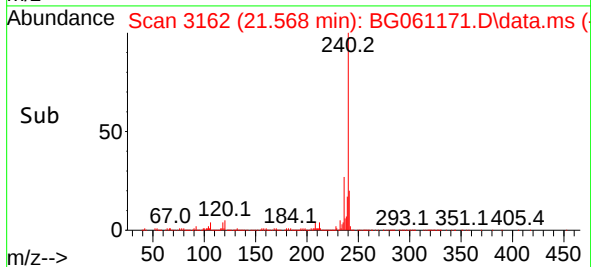
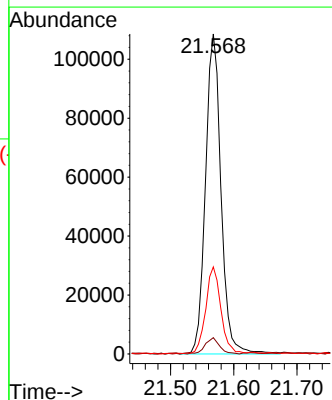
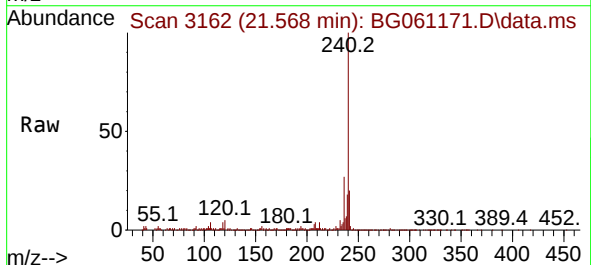
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS003-1224-01

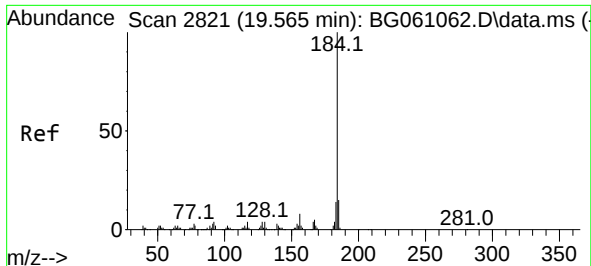
Tgt Ion:188 Resp: 179486
Ion Ratio Lower Upper
188 100
94 5.3 3.6 5.4
80 5.3 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3162
Delta R.T. -0.025 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Tgt Ion:240 Resp: 185683
Ion Ratio Lower Upper
240 100
120 5.1 3.2 4.8#
236 27.2 21.0 31.6

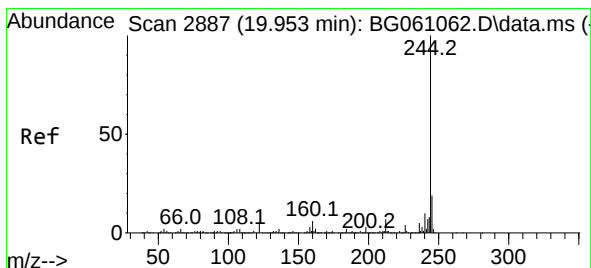
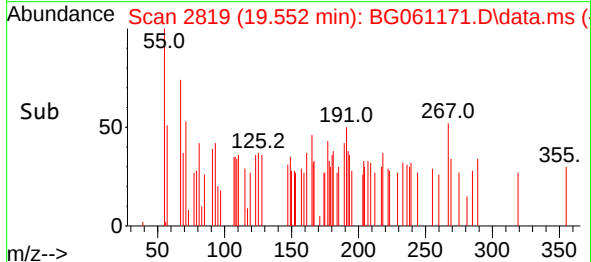
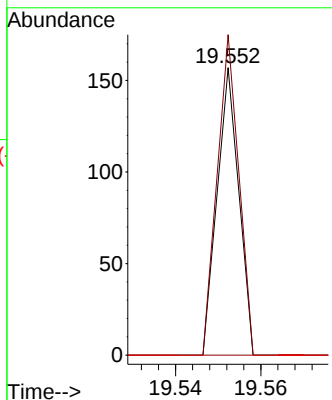
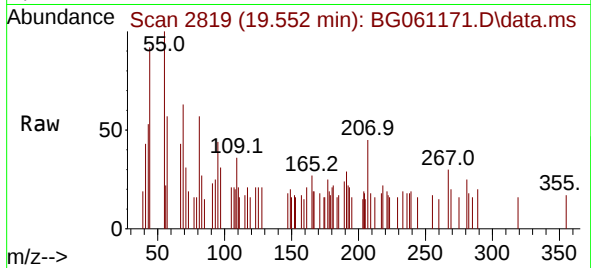




#77
Benzidine
Concen: 2.810 ng
RT: 19.552 min Scan# 2819
Delta R.T. -0.013 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

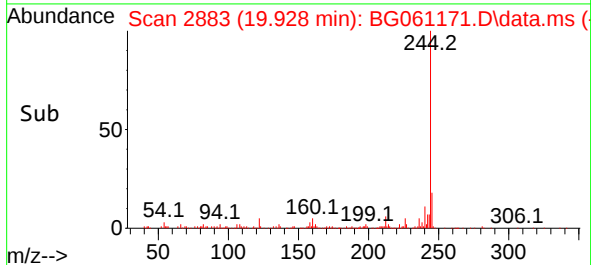
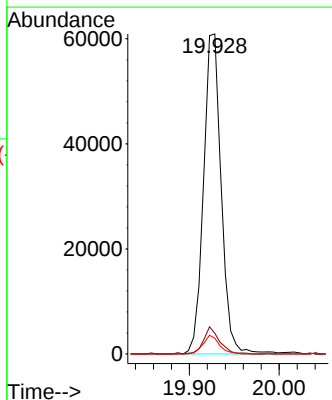
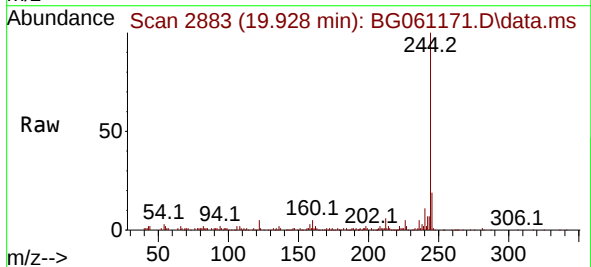
Instrument :
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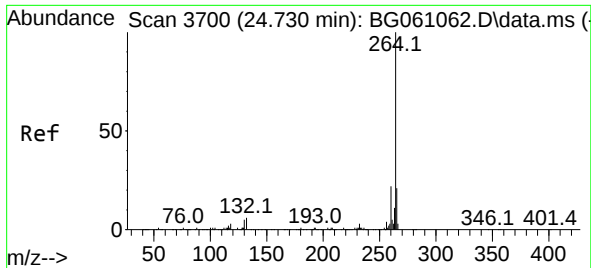
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
185 111.5 12.0 18.0#
183 0.0 10.9 16.3#



#79
Terphenyl-d14
Concen: 7.454 ng
RT: 19.928 min Scan# 2883
Delta R.T. -0.025 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

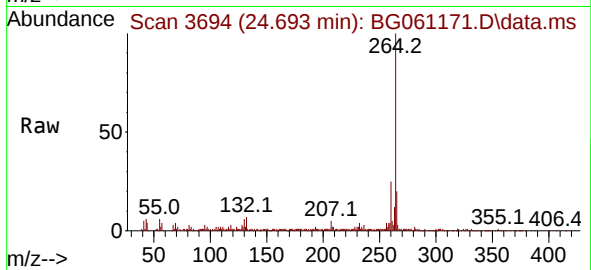
Tgt Ion:244 Resp: 83216
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 4.9 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.693 min Scan# 30
Delta R.T. -0.037 min
Lab File: BG061171.D
Acq: 10 May 2024 20:24

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS003-1224-01



Tgt Ion:	264	Resp:	184980
Ion Ratio	Lower	Upper	
264	100		
260	24.9	17.7	26.5
265	19.9	16.4	24.6

