

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061190.D
 Acq On : 14 May 2024 15:12
 Operator : MA/JU
 Sample : P2451-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20240509

Quant Time: May 14 15:49:57 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	7.928	152	22512	20.000	ng	-0.03
21) Naphthalene-d8	10.719	136	79635	20.000	ng	-0.04
39) Acenaphthene-d10	14.556	164	57380	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	171001	20.000	ng	-0.03
76) Chrysene-d12	21.565	240	187876	20.000	ng	#-0.03
86) Perylene-d12	24.679	264	226032	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	65664	59.321	ng	-0.03
7) Phenol-d6	7.106	99	46115	28.162	ng	-0.03
23) Nitrobenzene-d5	9.080	82	167845	104.482	ng	-0.04
42) 2,4,6-Tribromophenol	16.054	330	196253	171.112	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	410582	105.809	ng	-0.03
79) Terphenyl-d14	19.926	244	1097068	97.116	ng	-0.03

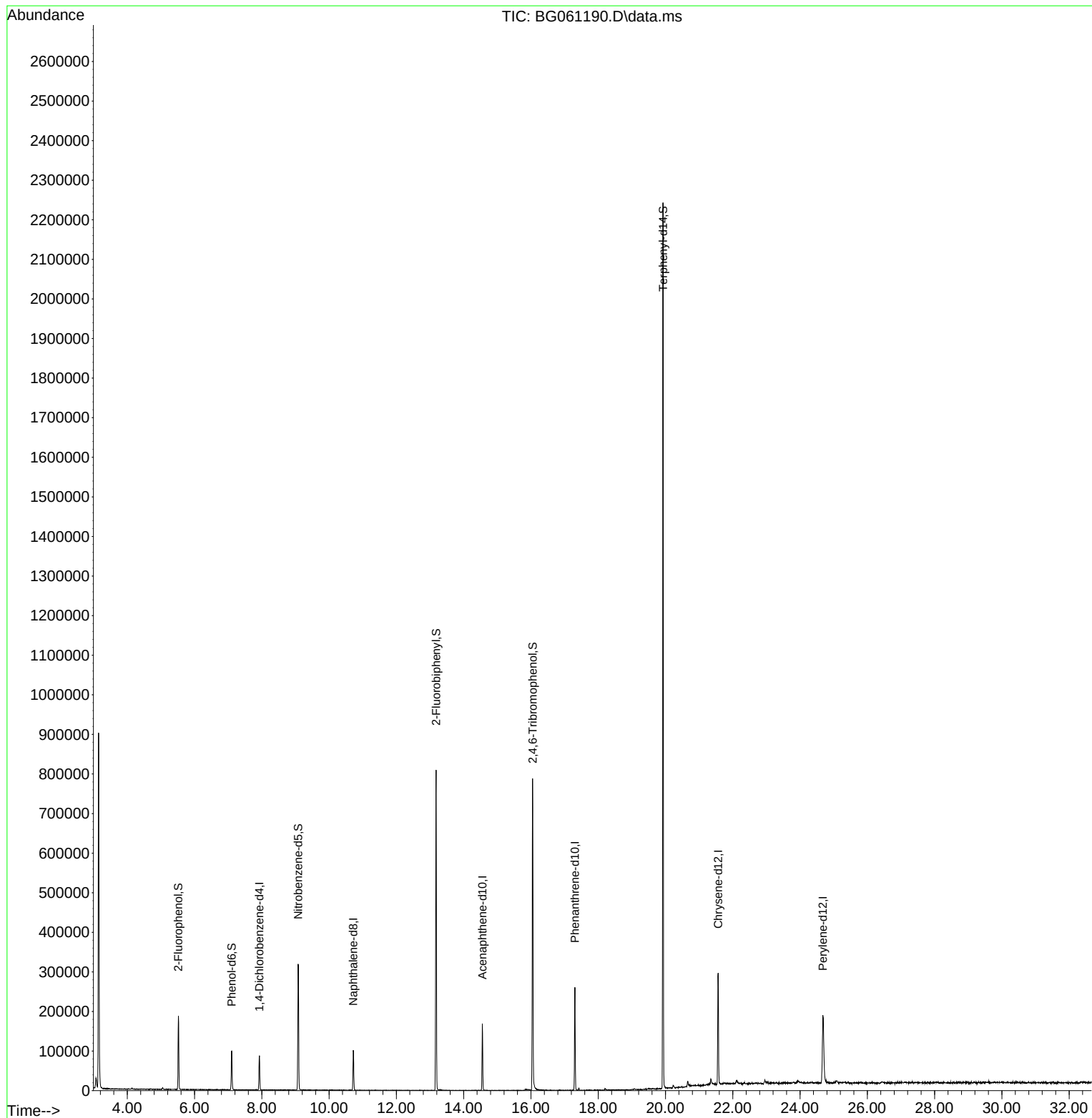
Target Compounds	Qvalue

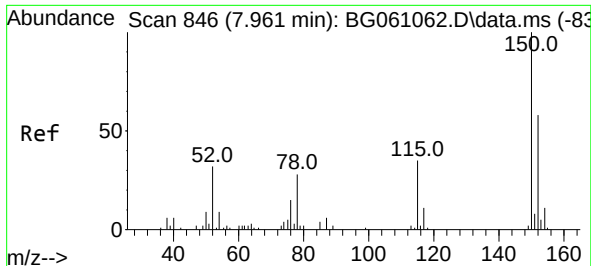
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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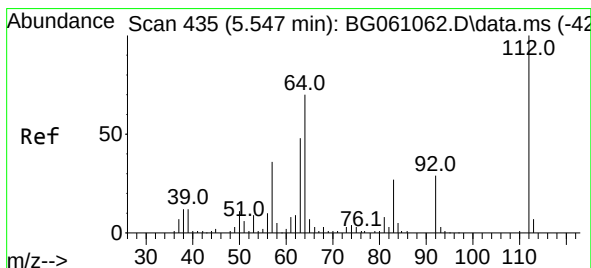
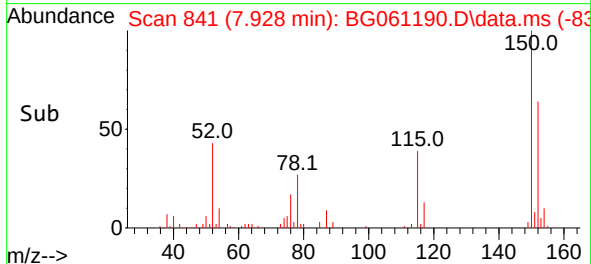
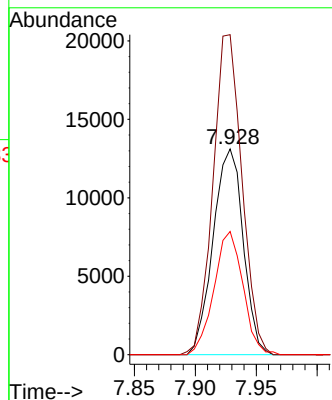
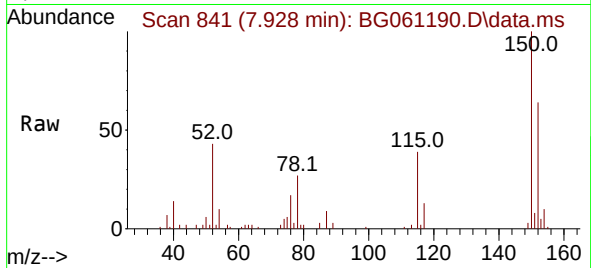




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 841
Delta R.T. -0.033 min
Lab File: BG061190.D
Acq: 14 May 2024 15:12

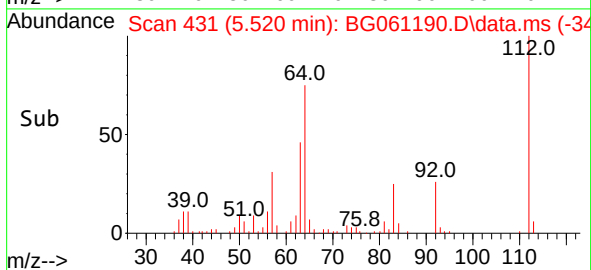
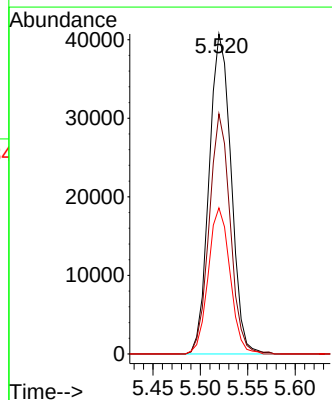
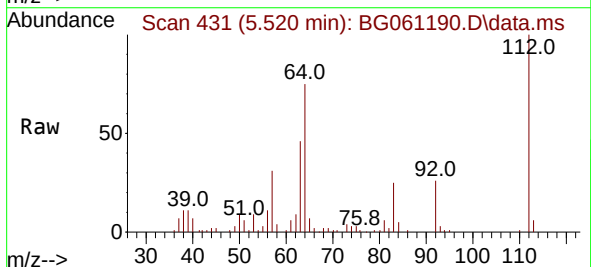
Instrument :
BNA_G
ClientSampleId :
SP-303-20240509

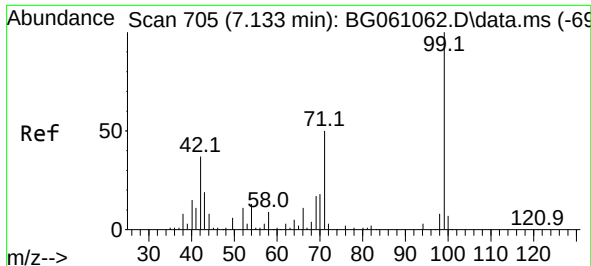
Tgt Ion:152 Resp: 22512
Ion Ratio Lower Upper
152 100
150 155.6 138.3 207.5
115 59.9 48.0 72.0



#5
2-Fluorophenol
Concen: 59.321 ng
RT: 5.520 min Scan# 431
Delta R.T. -0.027 min
Lab File: BG061190.D
Acq: 14 May 2024 15:12

Tgt Ion:112 Resp: 65664
Ion Ratio Lower Upper
112 100
64 75.1 55.7 83.5
63 45.6 38.1 57.1

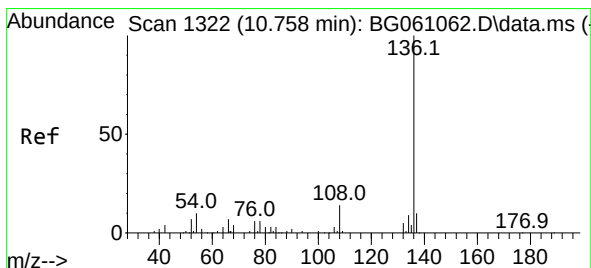
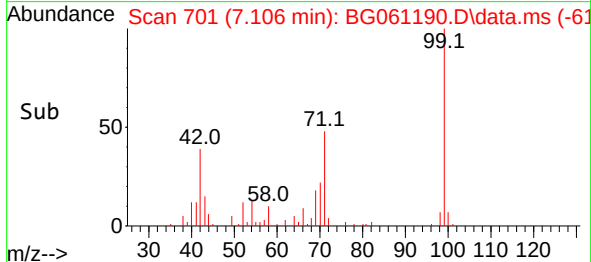
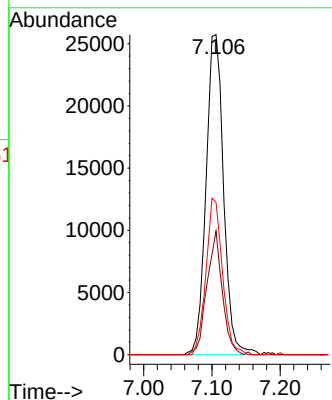
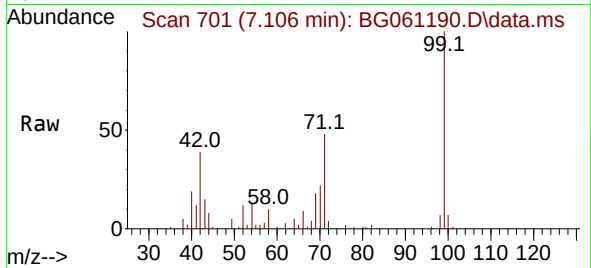




#7
Phenol-d6
Concen: 28.162 ng
RT: 7.106 min Scan# 705
Delta R.T. -0.027 min
Lab File: BG061190.D
Acq: 14 May 2024 15:12

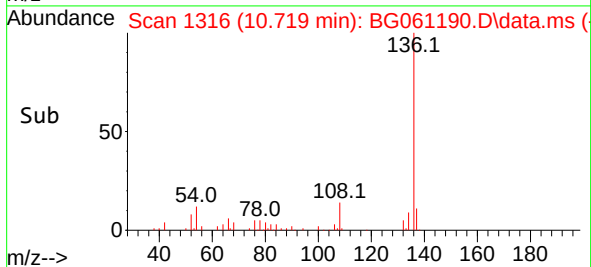
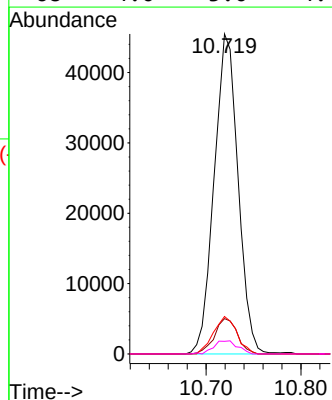
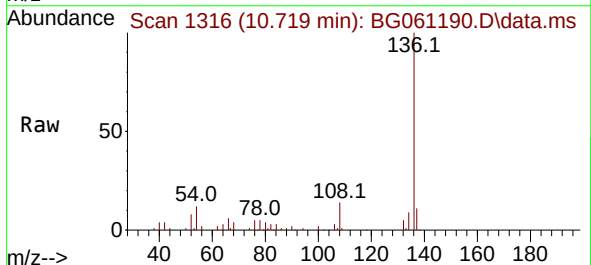
Instrument :
BNA_G
ClientSampleId :
SP-303-20240509

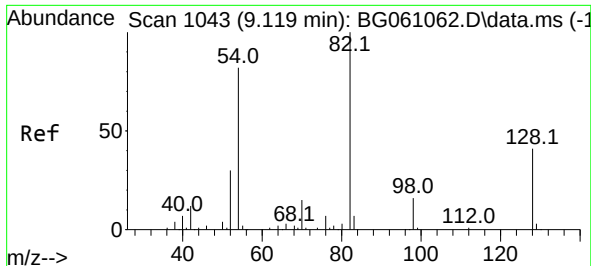
Tgt Ion:	99	Resp:	46115
Ion	Ratio	Lower	Upper
99	100		
42	38.6	29.2	43.8
71	47.6	39.7	59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1316
Delta R.T. -0.039 min
Lab File: BG061190.D
Acq: 14 May 2024 15:12

Tgt Ion:	136	Resp:	79635
Ion	Ratio	Lower	Upper
136	100		
137	11.1	7.8	11.6
54	11.7	8.1	12.1
68	4.0	3.0	4.4





#23

Nitrobenzene-d5

Concen: 104.482 ng

RT: 9.080 min Scan# 1

Delta R.T. -0.039 min

Lab File: BG061190.D

Acq: 14 May 2024 15:12

Instrument :

BNA_G

ClientSampleId :

SP-303-20240509

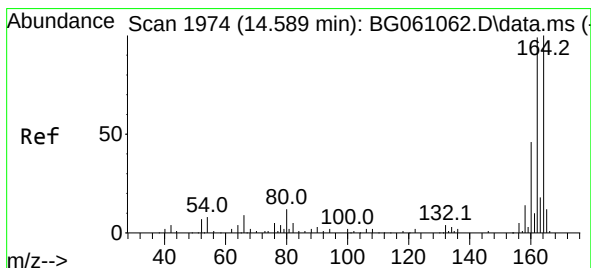
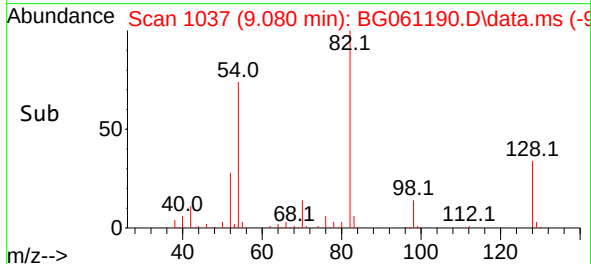
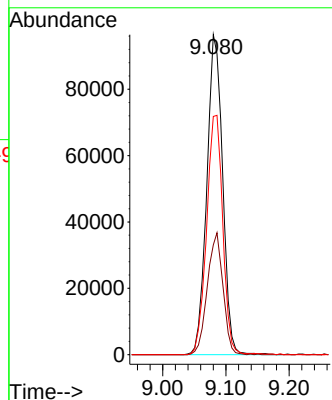
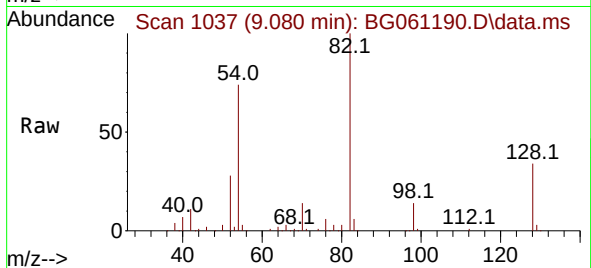
Tgt Ion: 82 Resp: 167845

Ion Ratio Lower Upper

82 100

128 34.3 32.7 49.1

54 74.5 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1969

Delta R.T. -0.033 min

Lab File: BG061190.D

Acq: 14 May 2024 15:12

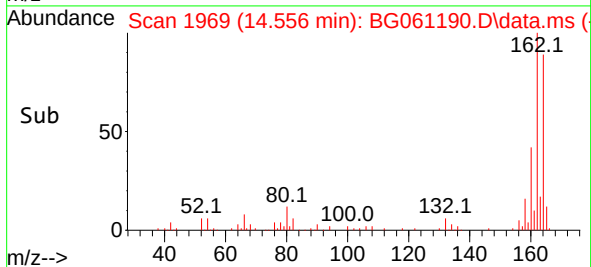
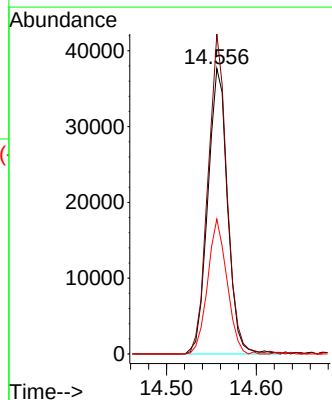
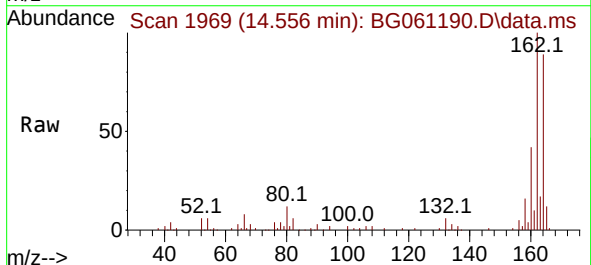
Tgt Ion:164 Resp: 57380

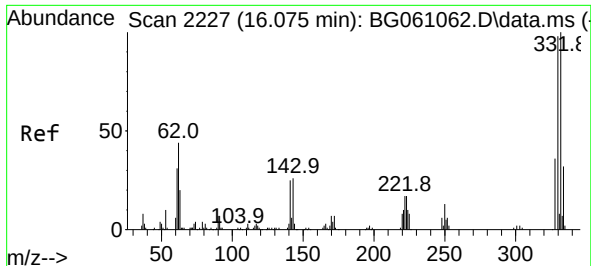
Ion Ratio Lower Upper

164 100

162 112.1 79.4 119.2

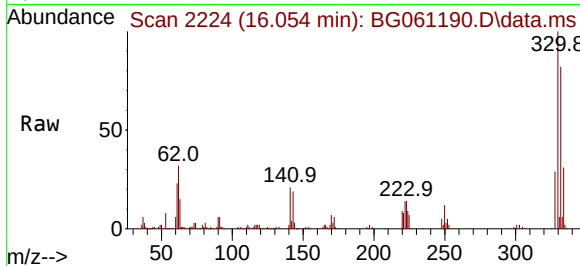
160 47.2 37.0 55.6



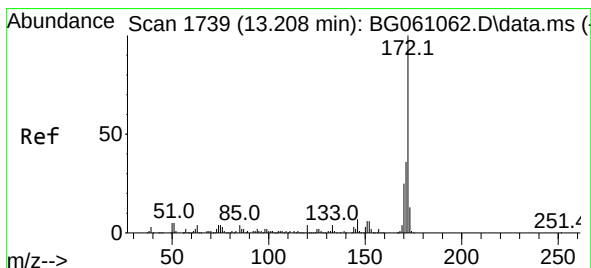
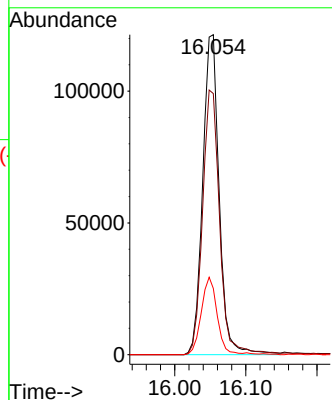
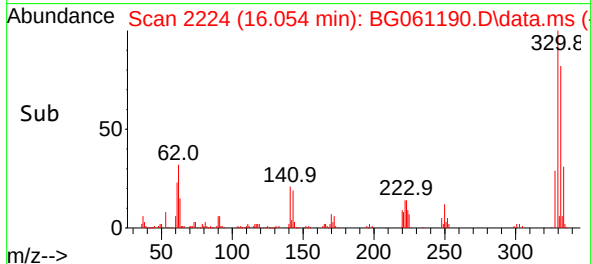


#42
2,4,6-Tribromophenol
Concen: 171.112 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061190.D
Acq: 14 May 2024 15:12

Instrument :
BNA_G
ClientSampleId :
SP-303-20240509

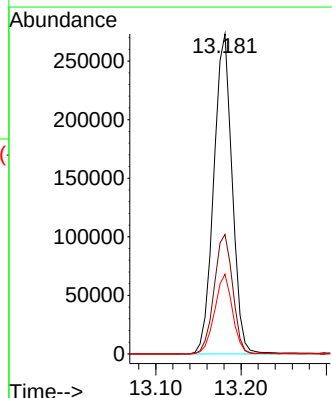
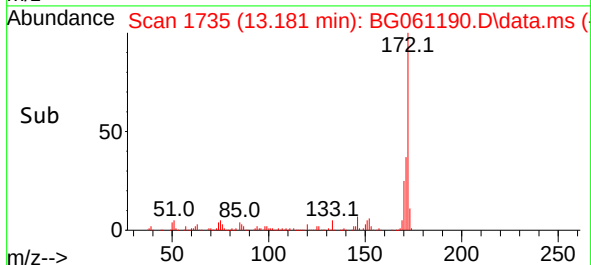
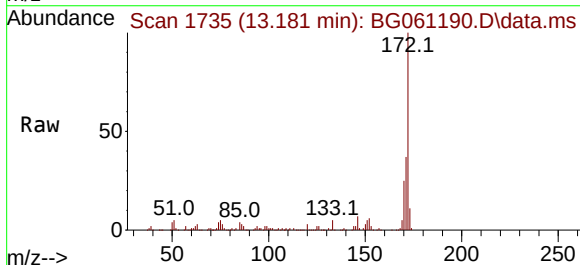


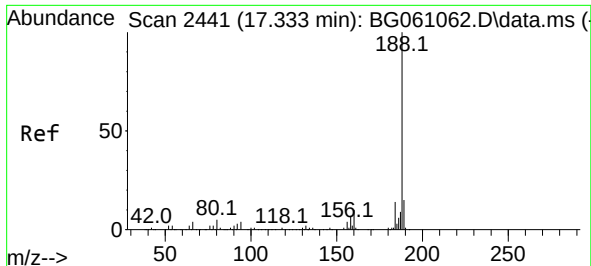
Tgt Ion:330 Resp: 196253
Ion Ratio Lower Upper
330 100
332 86.3 78.6 117.8
141 23.2 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 105.809 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061190.D
Acq: 14 May 2024 15:12

Tgt Ion:172 Resp: 410582
Ion Ratio Lower Upper
172 100
171 37.4 29.0 43.6
170 24.9 20.2 30.4

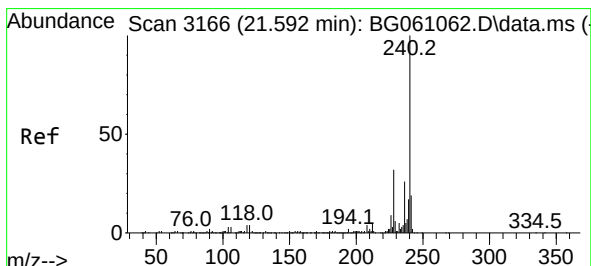
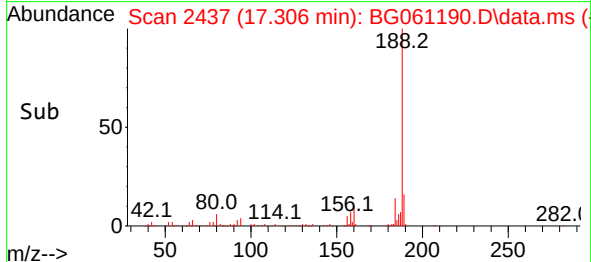
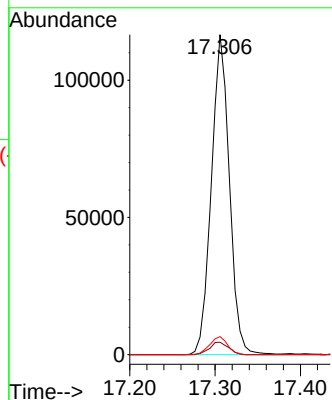
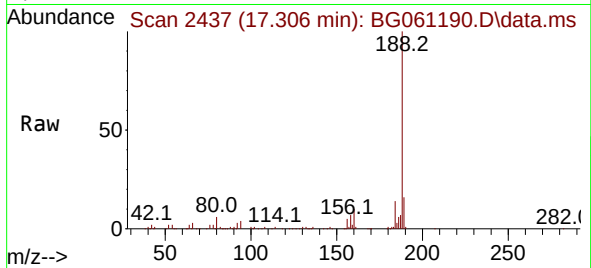




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2441
Delta R.T. -0.027 min
Lab File: BG061190.D
Acq: 14 May 2024 15:12

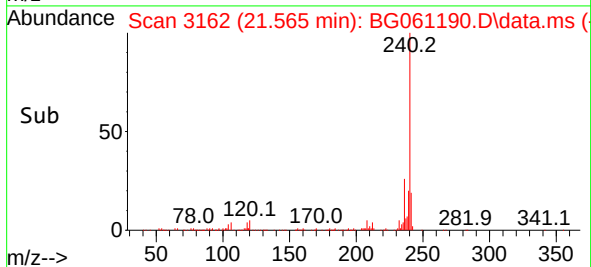
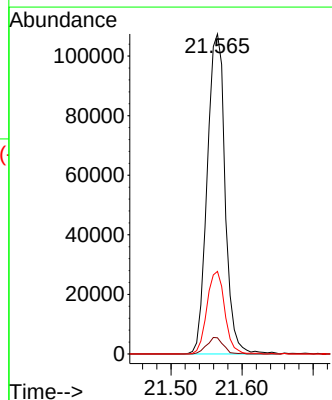
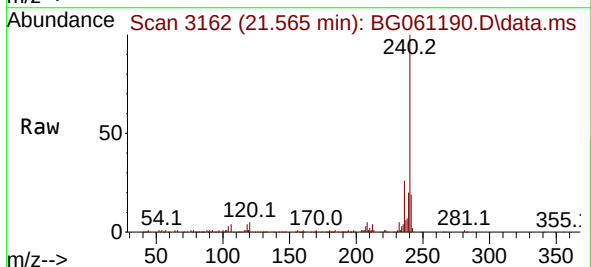
Instrument :
BNA_G
ClientSampleId :
SP-303-20240509

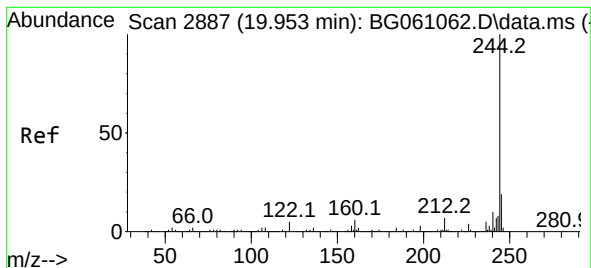
Tgt Ion:188 Resp: 171001
Ion Ratio Lower Upper
188 100
94 3.9 3.6 5.4
80 5.7 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3162
Delta R.T. -0.027 min
Lab File: BG061190.D
Acq: 14 May 2024 15:12

Tgt Ion:240 Resp: 187876
Ion Ratio Lower Upper
240 100
120 5.0 3.2 4.8#
236 25.8 21.0 31.6





#79

Terphenyl-d14

Concen: 97.116 ng

RT: 19.926 min Scan# 2

Delta R.T. -0.027 min

Lab File: BG061190.D

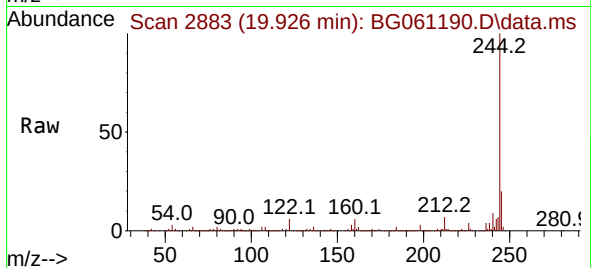
Acq: 14 May 2024 15:12

Instrument :

BNA_G

ClientSampleId :

SP-303-20240509



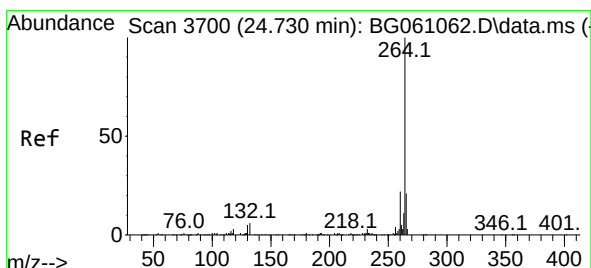
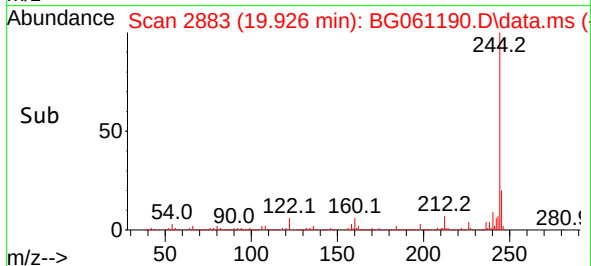
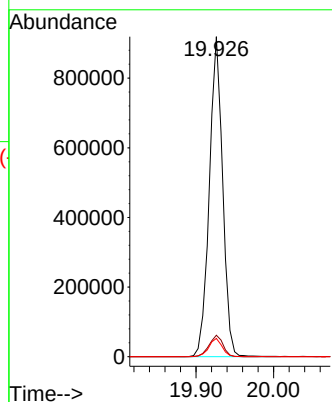
Tgt Ion:244 Resp: 1097068

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 5.7 4.2 6.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.679 min Scan# 3692

Delta R.T. -0.051 min

Lab File: BG061190.D

Acq: 14 May 2024 15:12

Tgt Ion:264 Resp: 226032

Ion Ratio Lower Upper

264 100

260 21.3 17.7 26.5

265 16.9 16.4 24.6

