

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060068.D
 Acq On : 18 Dec 2023 16:12
 Operator : MA/JU
 Sample : 05827-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-12.5-13.5

Quant Time: Dec 18 17:31:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

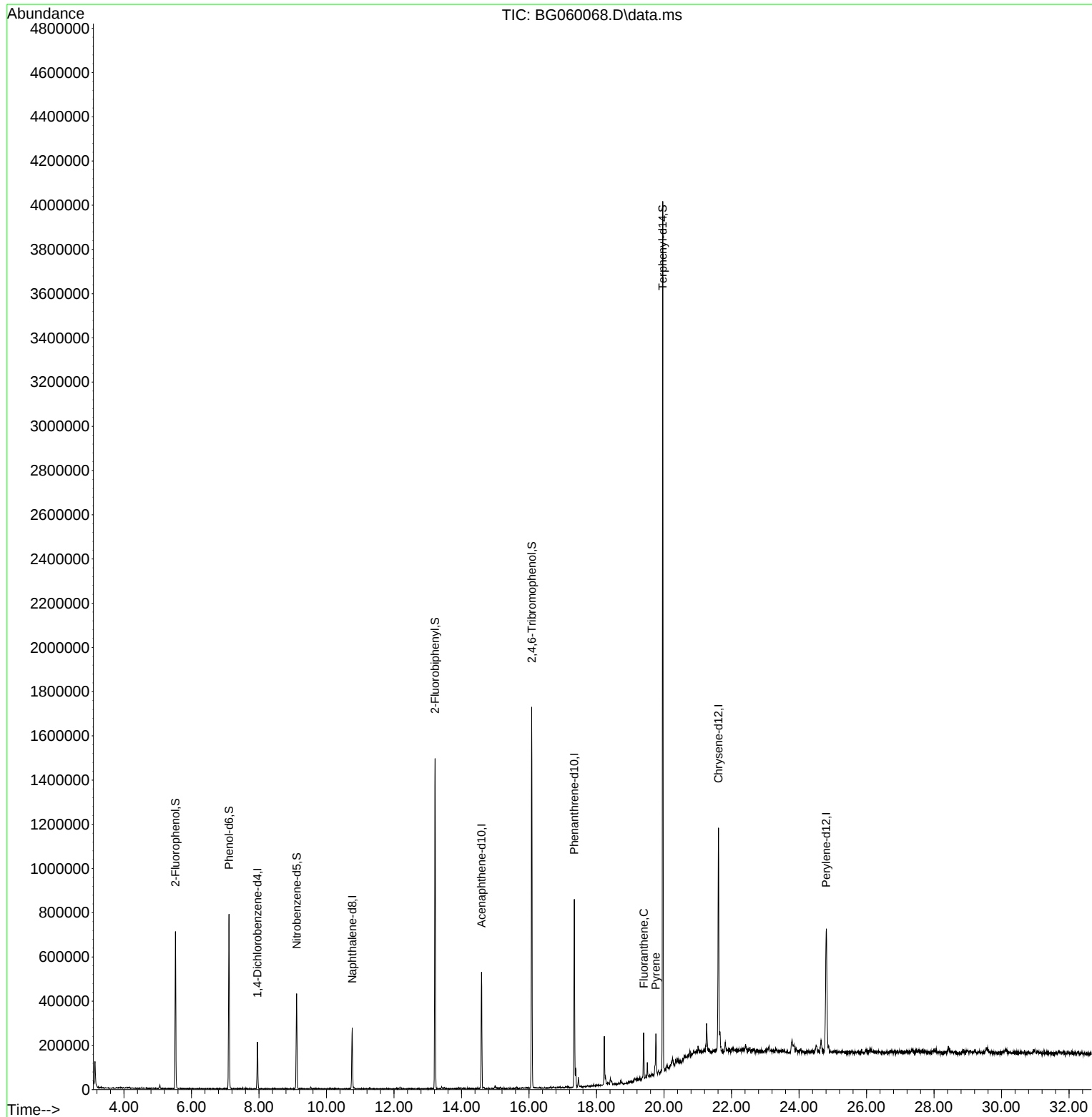
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	54433	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	206513	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	189668	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	598254	20.000	ng	# 0.00
76) Chrysene-d12	21.614	240	658851	20.000	ng	# 0.00
86) Perylene-d12	24.804	264	701285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	245535	77.218	ng	0.00
7) Phenol-d6	7.113	99	377027	84.292	ng	0.00
23) Nitrobenzene-d5	9.117	82	244743	53.814	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	403917	91.381	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	818043	52.787	ng	0.00
79) Terphenyl-d14	19.963	244	2199437	60.948	ng	0.00
Target Compounds						
75) Fluoranthene	19.399	202	141545	3.347	ng	94
78) Pyrene	19.757	202	138677	3.472	ng	96

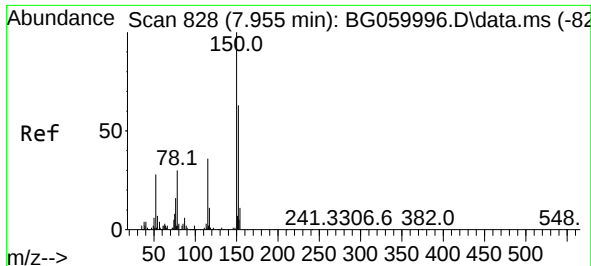
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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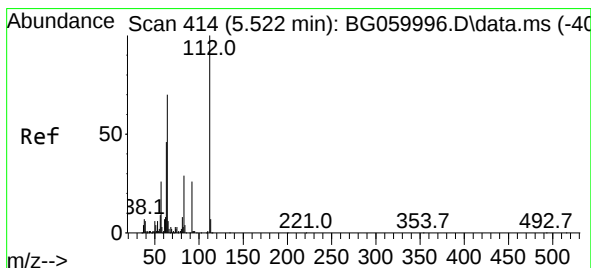
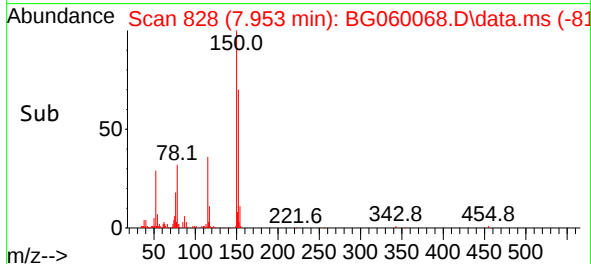
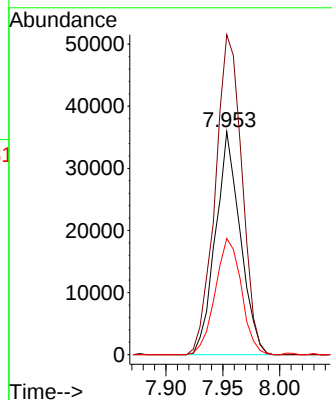
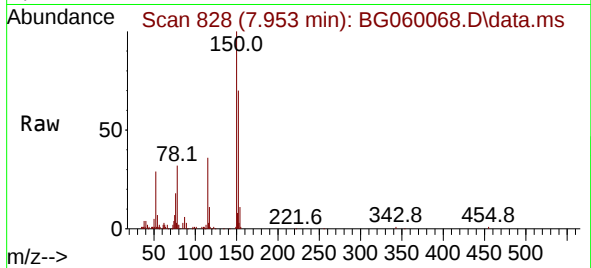




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

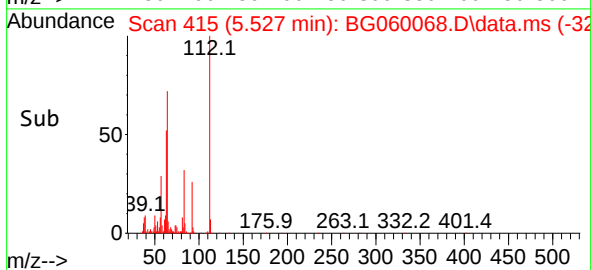
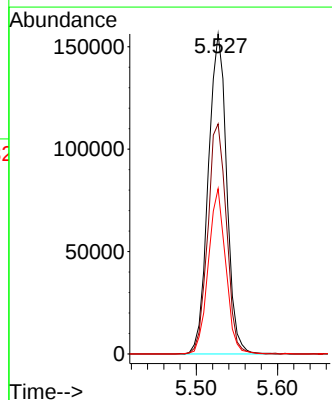
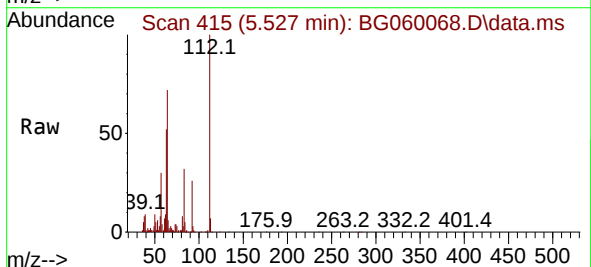
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-12.5-13.5

Tgt Ion:152 Resp: 54433
Ion Ratio Lower Upper
152 100
150 143.4 127.0 190.6
115 52.1 45.7 68.5



#5
2-Fluorophenol
Concen: 77.218 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.005 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

Tgt Ion:112 Resp: 245535
Ion Ratio Lower Upper
112 100
64 71.9 55.9 83.9
63 51.7 36.5 54.7

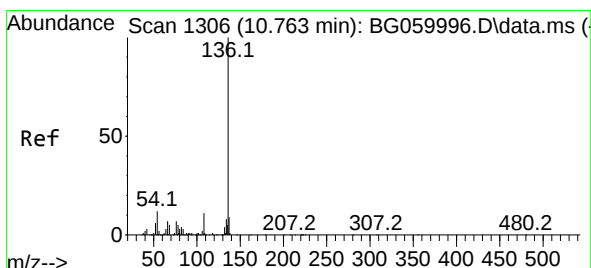
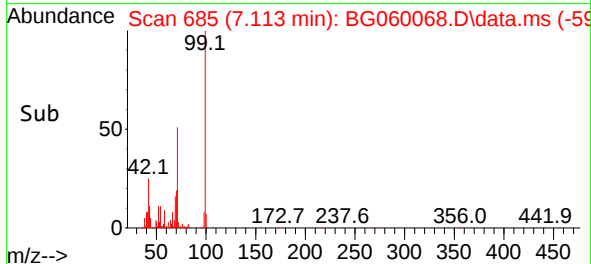
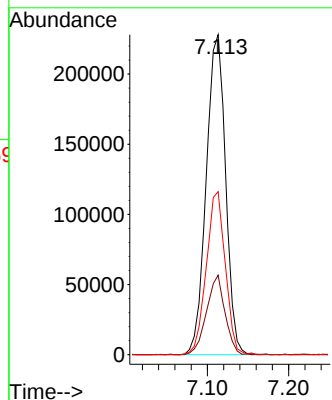
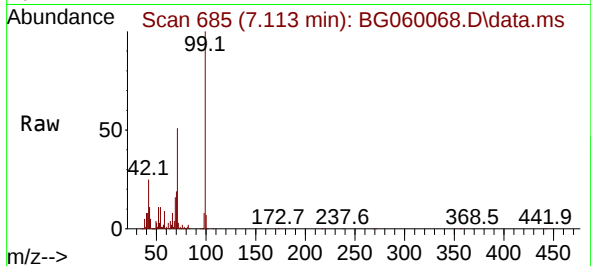




#7
Phenol-d6
Concen: 84.292 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

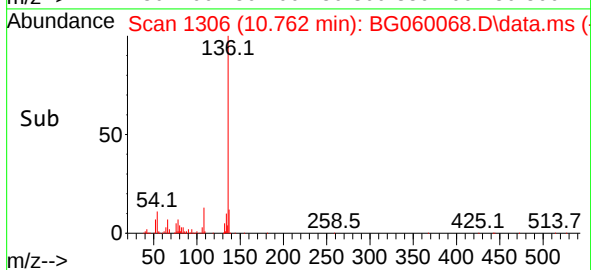
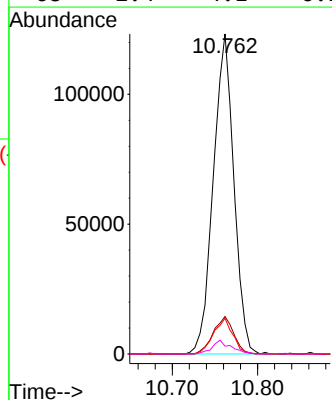
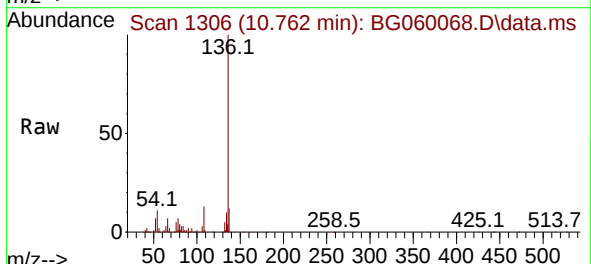
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-12.5-13.5

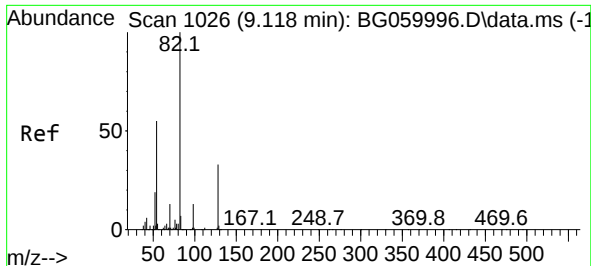
Tgt Ion: 99 Resp: 377027
Ion Ratio Lower Upper
99 100
42 24.8 16.2 24.4#
71 50.9 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.001 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

Tgt Ion:136 Resp: 206513
Ion Ratio Lower Upper
136 100
137 11.7 7.3 10.9#
54 11.1 9.6 14.4
68 2.4 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 53.814 ng

RT: 9.117 min Scan# 1026

Delta R.T. -0.001 min

Lab File: BG060068.D

Acq: 18 Dec 2023 16:12

Instrument :

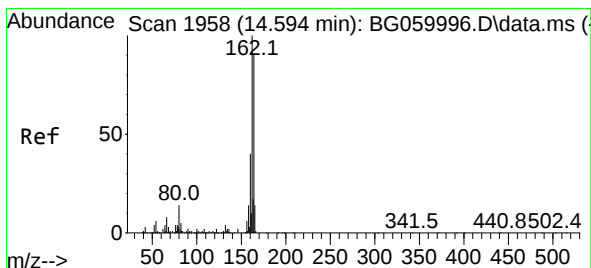
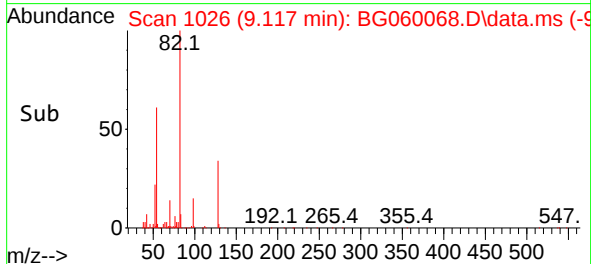
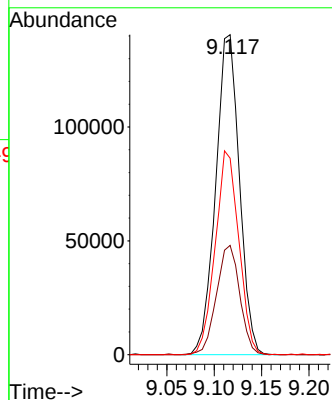
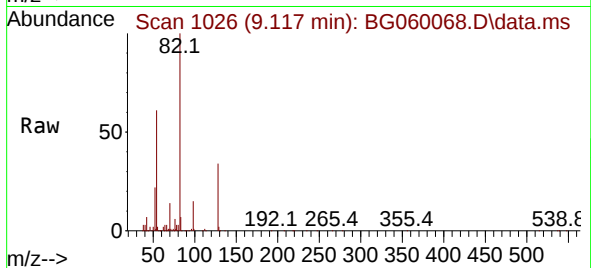
BNA_G

ClientSampleId :

RT-SB-08-12.5-13.5

Tgt Ion: 82 Resp: 244743

Ion	Ratio	Lower	Upper
82	100		
128	34.1	26.3	39.5
54	61.4	44.3	66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.593 min Scan# 1958

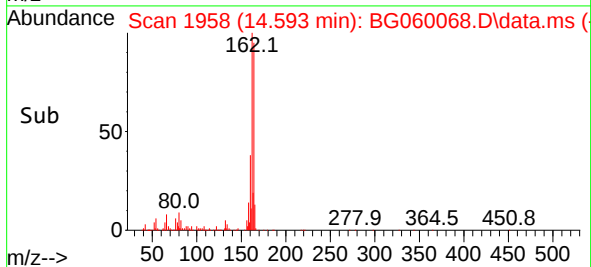
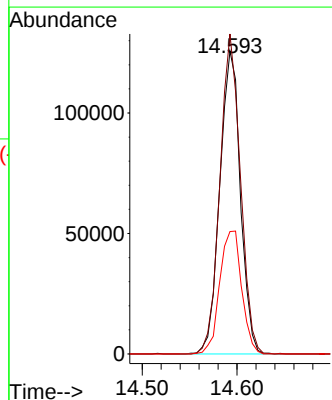
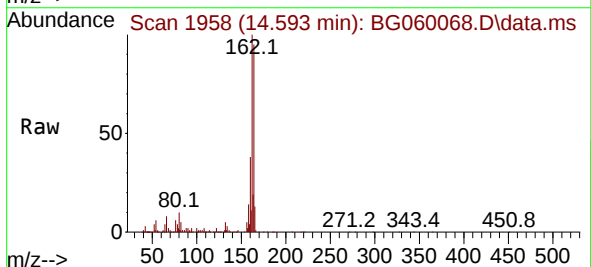
Delta R.T. -0.001 min

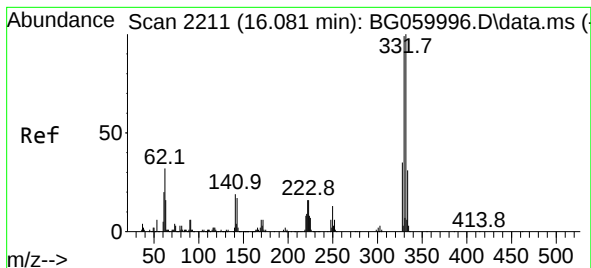
Lab File: BG060068.D

Acq: 18 Dec 2023 16:12

Tgt Ion: 164 Resp: 189668

Ion	Ratio	Lower	Upper
164	100		
162	105.6	88.1	132.1
160	40.4	35.4	53.0

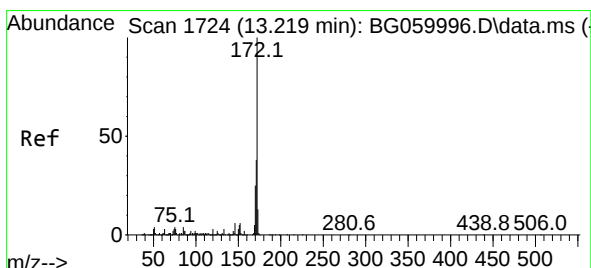
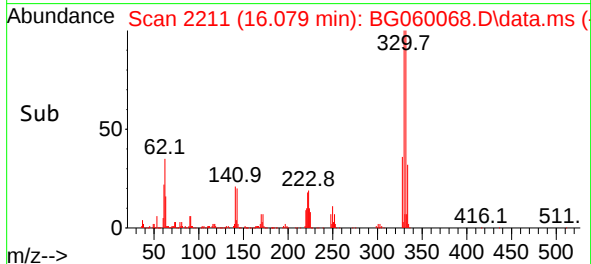
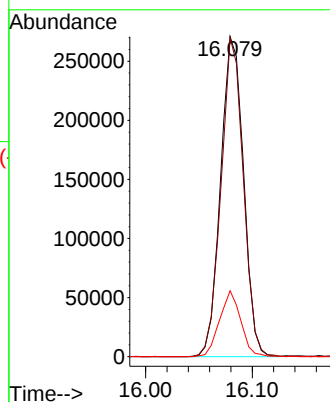
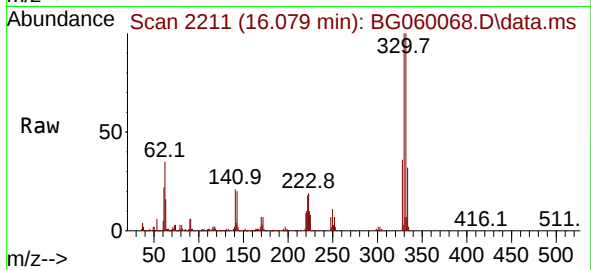




#42
2,4,6-Tribromophenol
Concen: 91.381 ng
RT: 16.079 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

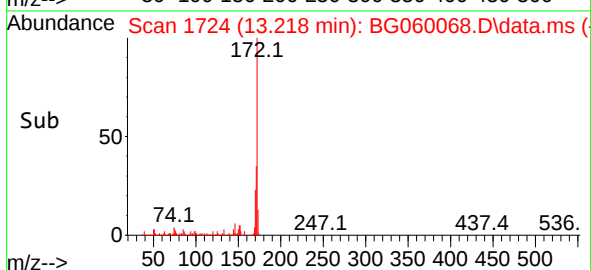
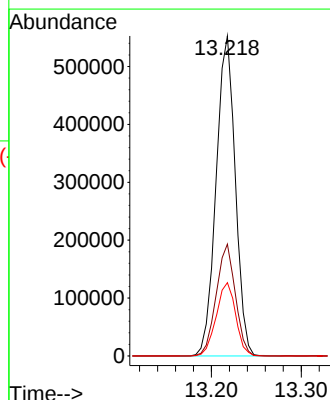
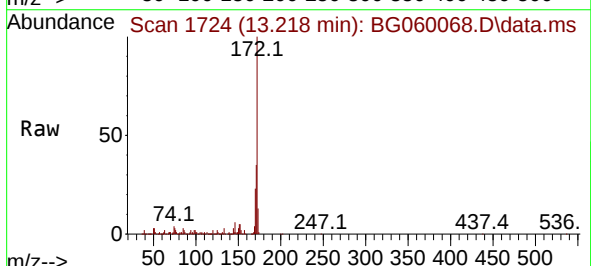
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-12.5-13.5

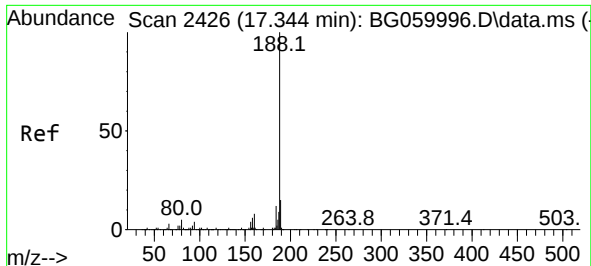
Tgt Ion:330 Resp: 403917
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 19.1 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 52.787 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

Tgt Ion:172 Resp: 818043
Ion Ratio Lower Upper
172 100
171 35.0 30.1 45.1
170 22.9 20.0 30.0

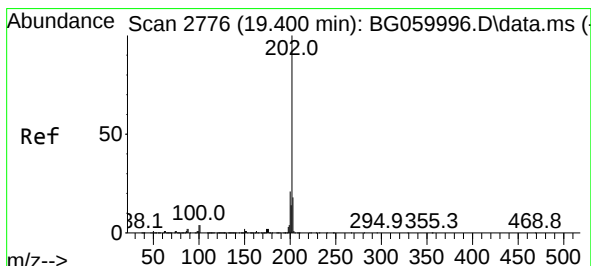
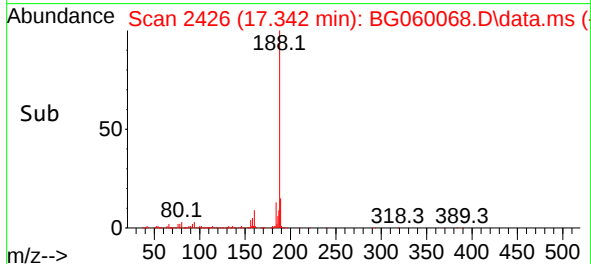
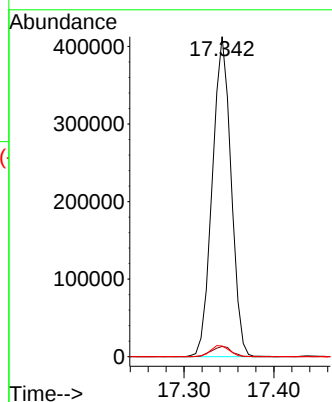
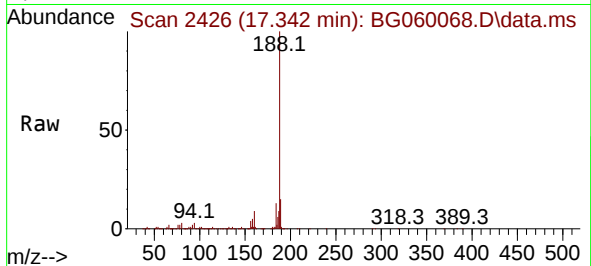




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

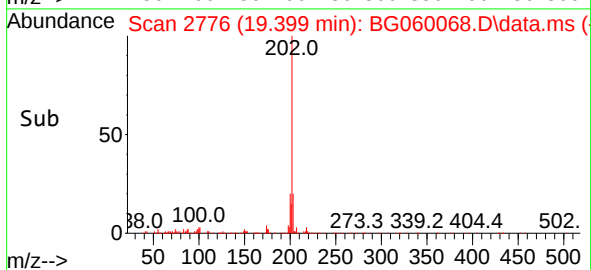
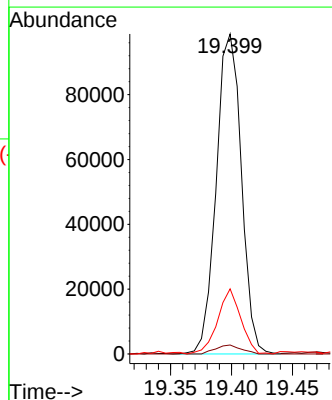
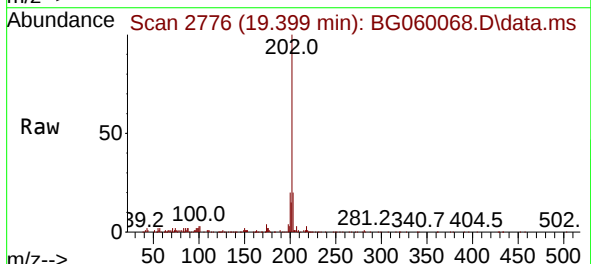
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-12.5-13.5

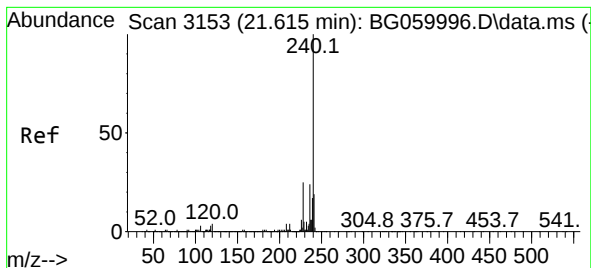
Tgt Ion:188 Resp: 598254
Ion Ratio Lower Upper
188 100
94 3.2 3.0 4.6
80 3.4 4.0 6.0#



#75
Fluoranthene
Concen: 3.347 ng
RT: 19.399 min Scan# 2776
Delta R.T. -0.001 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

Tgt Ion:202 Resp: 141545
Ion Ratio Lower Upper
202 100
101 2.8 0.0 24.2
203 20.3 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.614 min Scan# 3153

Delta R.T. -0.001 min

Lab File: BG060068.D

Acq: 18 Dec 2023 16:12

Instrument :

BNA_G

ClientSampleId :

RT-SB-08-12.5-13.5

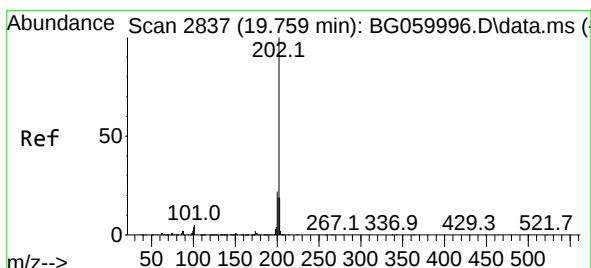
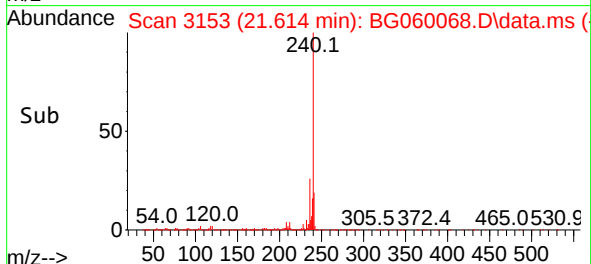
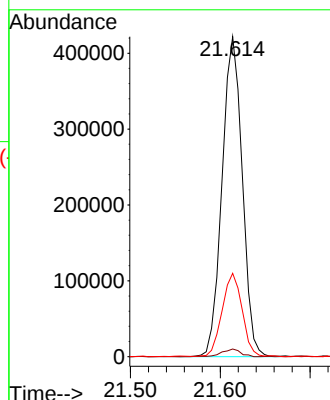
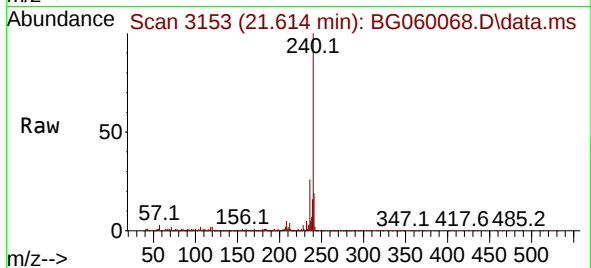
Tgt Ion:240 Resp: 658851

Ion Ratio Lower Upper

240 100

120 2.4 2.9 4.3#

236 26.1 19.4 29.2



#78

Pyrene

Concen: 3.472 ng

RT: 19.757 min Scan# 2837

Delta R.T. -0.001 min

Lab File: BG060068.D

Acq: 18 Dec 2023 16:12

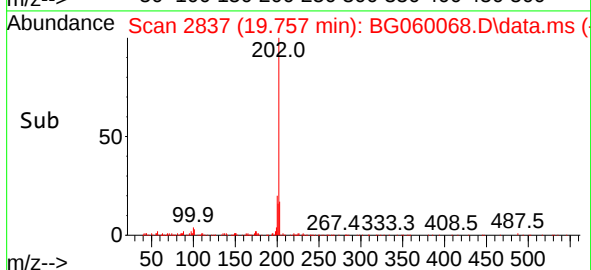
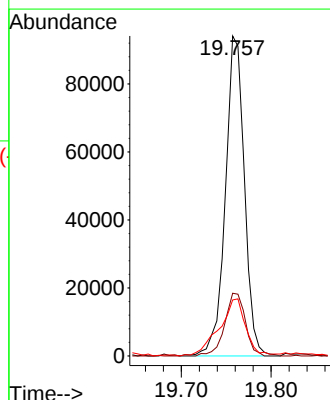
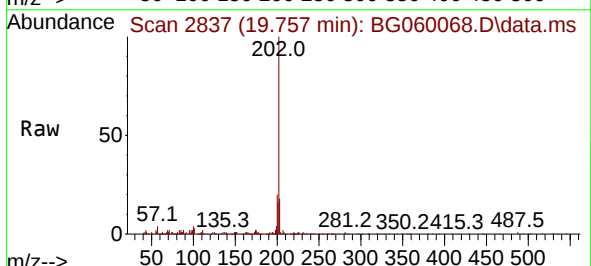
Tgt Ion:202 Resp: 138677

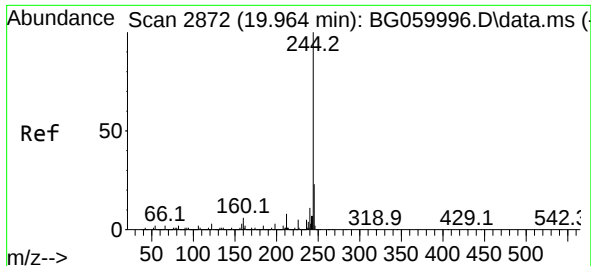
Ion Ratio Lower Upper

202 100

200 19.6 17.6 26.4

203 17.5 14.9 22.3

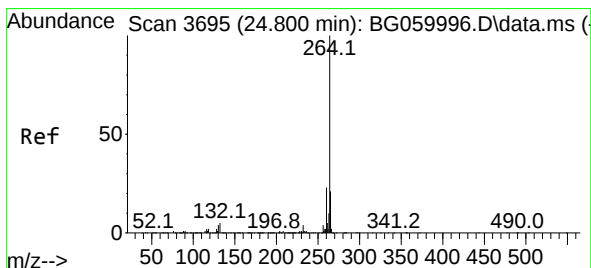
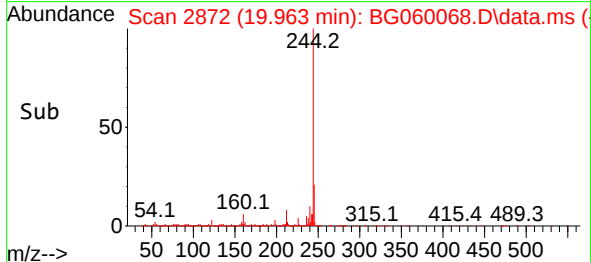
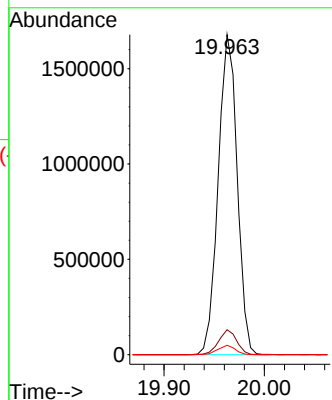
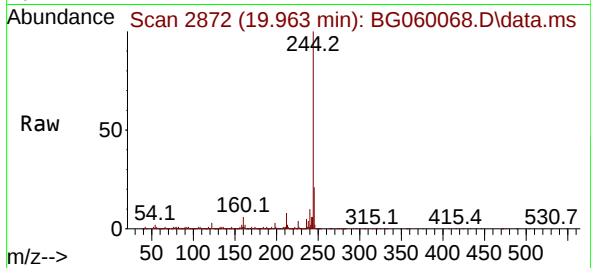




#79
 Terphenyl-d14
 Concen: 60.948 ng
 RT: 19.963 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060068.D
 Acq: 18 Dec 2023 16:12

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-12.5-13.5

Tgt Ion:244 Resp: 2199437
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.8 10.2
 122 2.9 2.6 3.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.804 min Scan# 3696
 Delta R.T. 0.004 min
 Lab File: BG060068.D
 Acq: 18 Dec 2023 16:12

Tgt Ion:264 Resp: 701285
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.5 27.7
 265 21.4 17.3 25.9

