

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
 Data File : BG060117.D
 Acq On : 21 Dec 2023 3:17
 Operator : MA/JU
 Sample : 05791-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 597-P-2

Quant Time: Dec 21 04:23:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

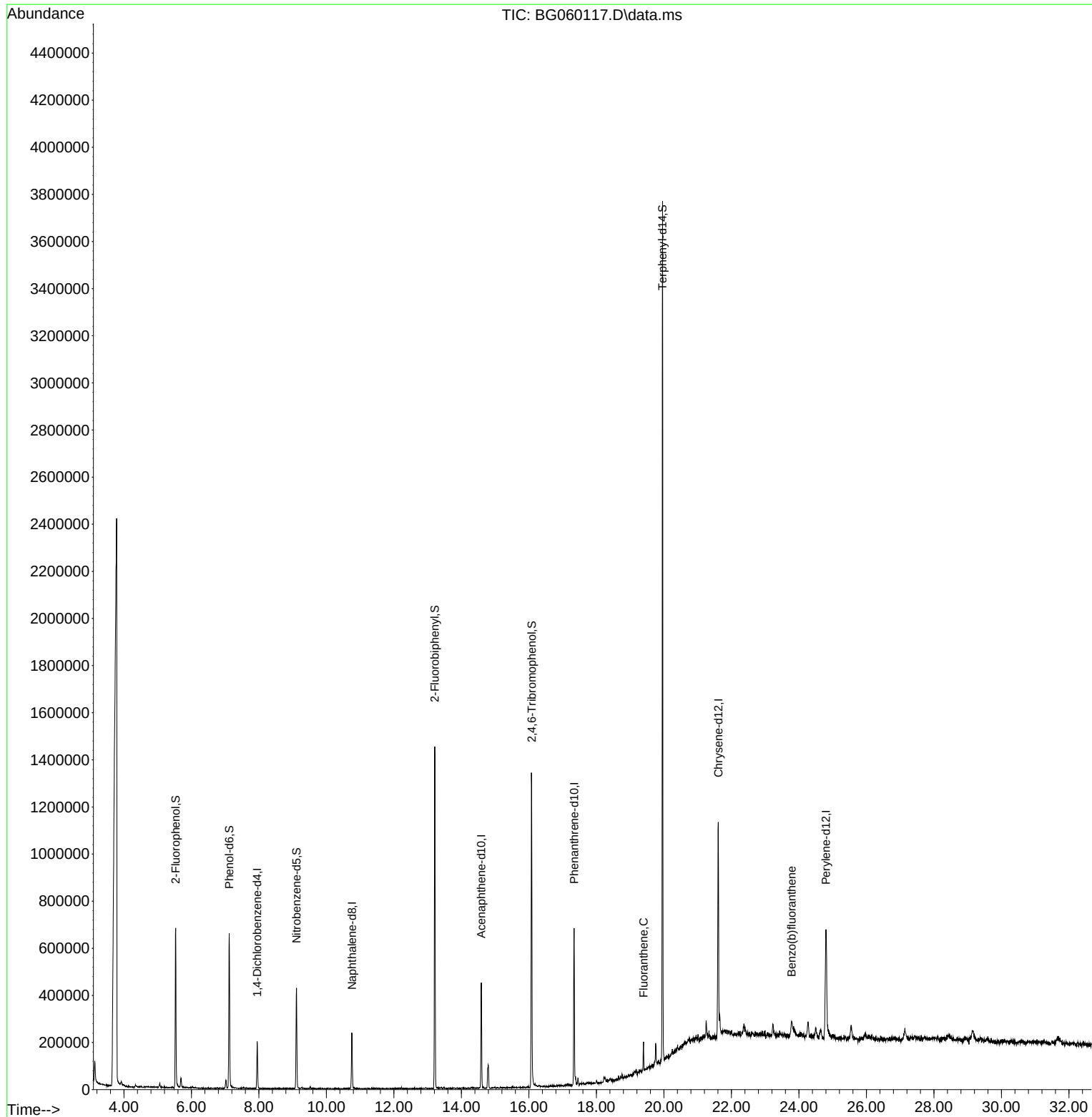
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	47689	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	167979	20.000	ng	# 0.00
39) Acenaphthene-d10	14.589	164	156161	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	473464	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	597528	20.000	ng	# 0.00
86) Perylene-d12	24.800	264	672909	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	208086	74.695	ng	0.00
7) Phenol-d6	7.121	99	289836	73.962	ng	0.00
23) Nitrobenzene-d5	9.113	82	233091	63.009	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	362885	99.714	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	793683	62.204	ng	0.00
79) Terphenyl-d14	19.959	244	2041909	62.389	ng	0.00
Target Compounds						
75) Fluoranthene	19.395	202	80682	2.411	ng	94
88) Benzo(b)fluoranthene	23.784	252	92388	2.223	ng	96

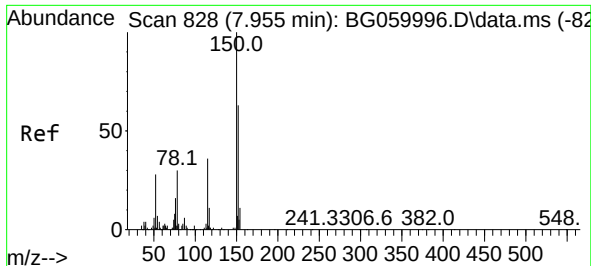
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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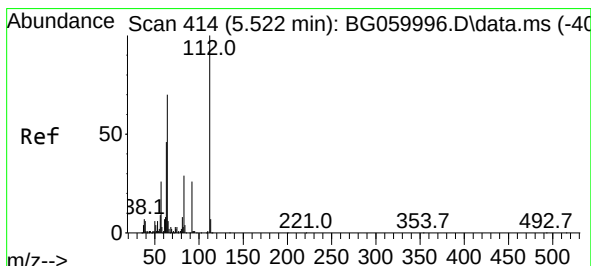
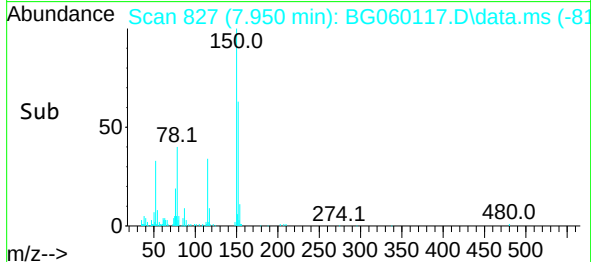
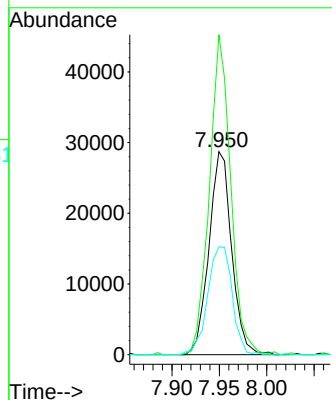
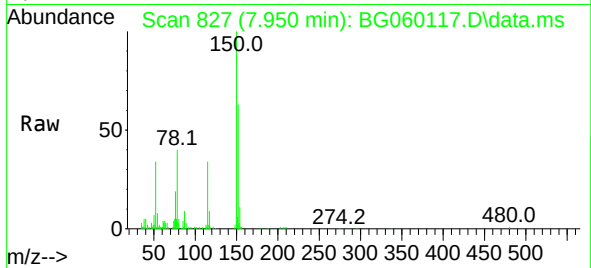




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060117.D
Acq: 21 Dec 2023 3:17

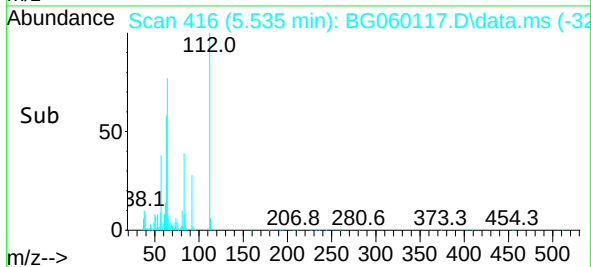
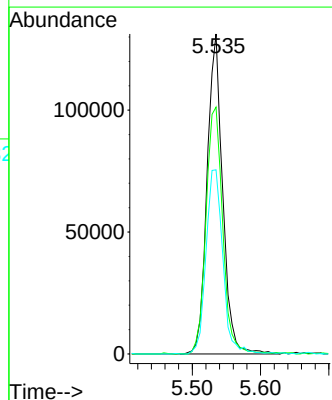
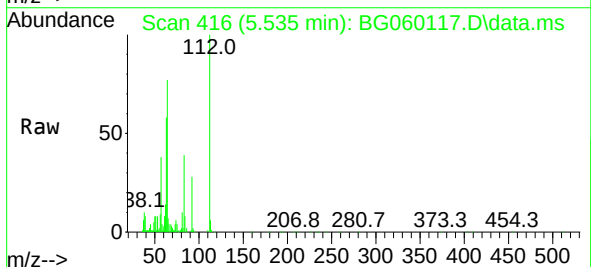
Instrument :
BNA_G
ClientSampleId :
597-P-2

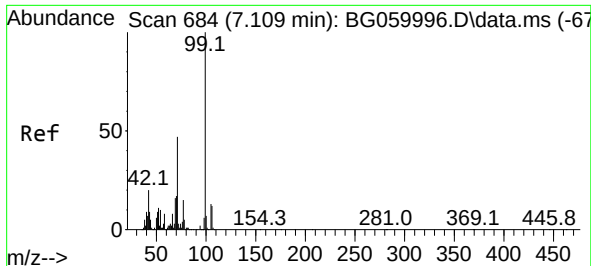
Tgt Ion:152 Resp: 47689
Ion Ratio Lower Upper
152 100
150 157.6 127.0 190.6
115 53.1 45.7 68.5



#5
2-Fluorophenol
Concen: 74.695 ng
RT: 5.535 min Scan# 416
Delta R.T. 0.009 min
Lab File: BG060117.D
Acq: 21 Dec 2023 3:17

Tgt Ion:112 Resp: 208086
Ion Ratio Lower Upper
112 100
64 77.1 55.9 83.9
63 57.5 36.5 54.7#

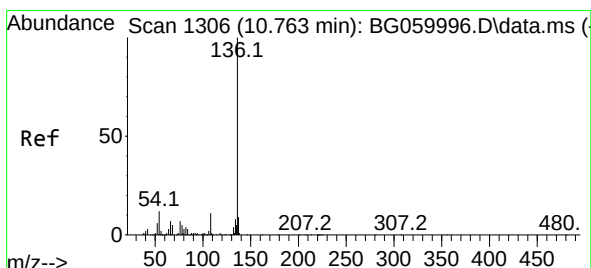
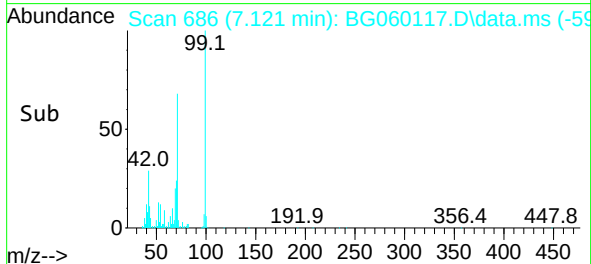
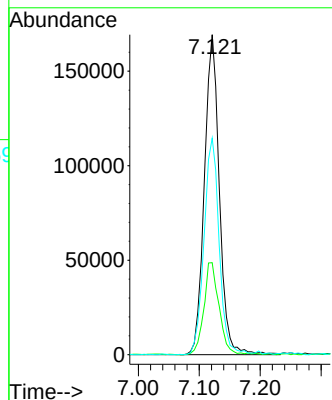
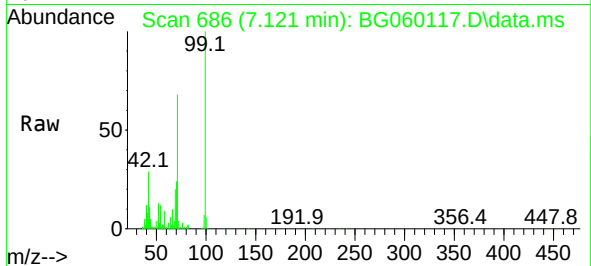




#7
Phenol-d6
Concen: 73.962 ng
RT: 7.121 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG060117.D
Acq: 21 Dec 2023 3:17

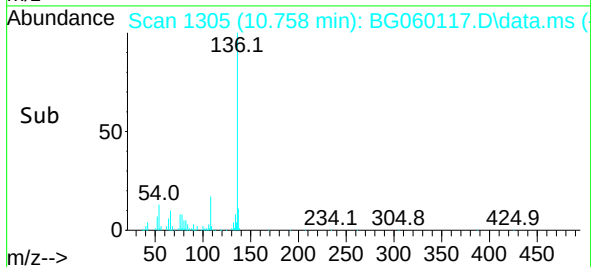
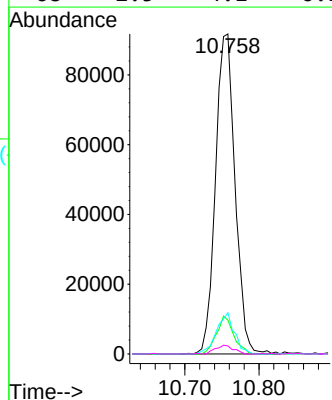
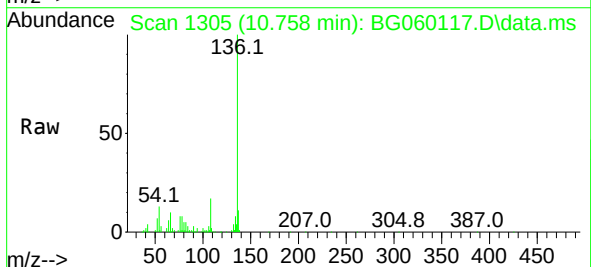
Instrument :
BNA_G
ClientSampleId :
597-P-2

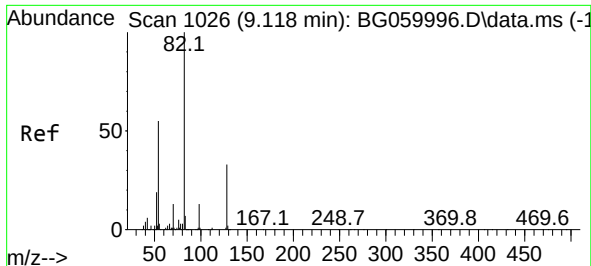
Tgt Ion: 99 Resp: 289836
Ion Ratio Lower Upper
99 100
42 28.7 16.2 24.4#
71 67.7 37.6 56.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1305
Delta R.T. -0.003 min
Lab File: BG060117.D
Acq: 21 Dec 2023 3:17

Tgt Ion: 136 Resp: 167979
Ion Ratio Lower Upper
136 100
137 10.5 7.3 10.9
54 12.9 9.6 14.4
68 2.5 4.1 6.1#

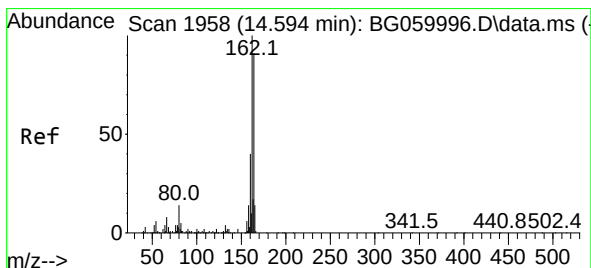
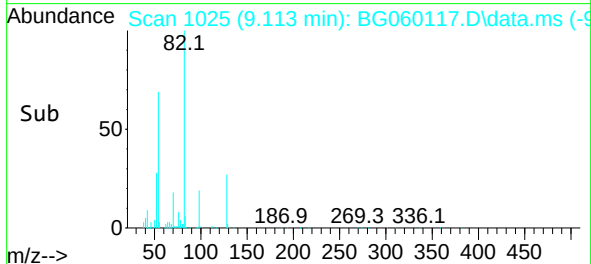
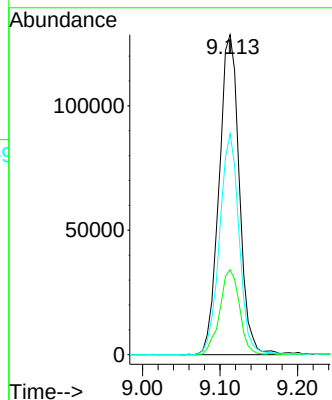
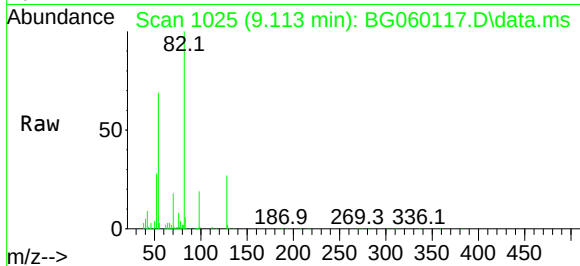




#23
 Nitrobenzene-d5
 Concen: 63.009 ng
 RT: 9.113 min Scan# 1025
 Delta R.T. -0.009 min
 Lab File: BG060117.D
 Acq: 21 Dec 2023 3:17

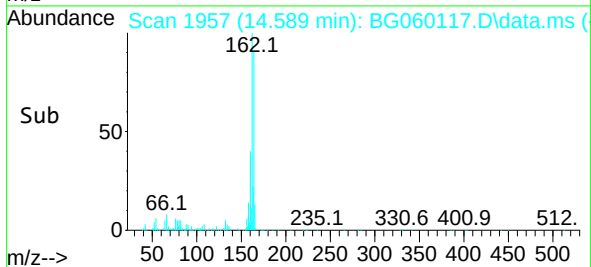
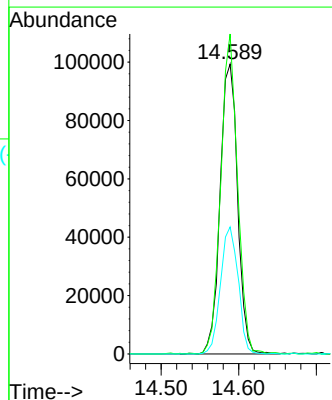
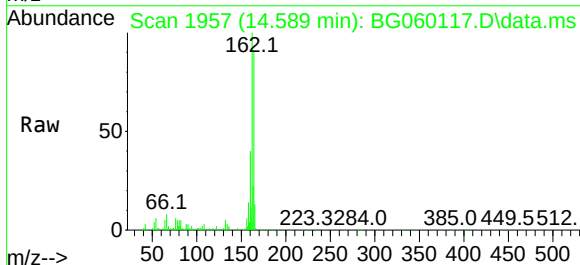
Instrument :
 BNA_G
 ClientSampleId :
 597-P-2

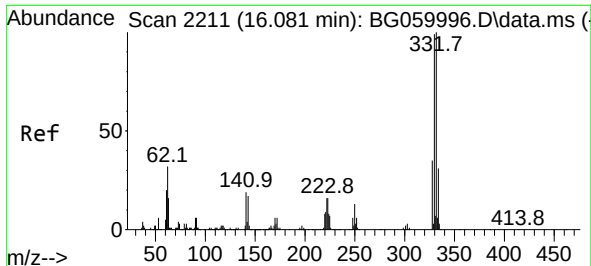
Tgt Ion: 82 Resp: 233091
 Ion Ratio Lower Upper
 82 100
 128 26.5 26.3 39.5
 54 69.1 44.3 66.5#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.589 min Scan# 1957
 Delta R.T. -0.009 min
 Lab File: BG060117.D
 Acq: 21 Dec 2023 3:17

Tgt Ion:164 Resp: 156161
 Ion Ratio Lower Upper
 164 100
 162 110.4 88.1 132.1
 160 43.8 35.4 53.0

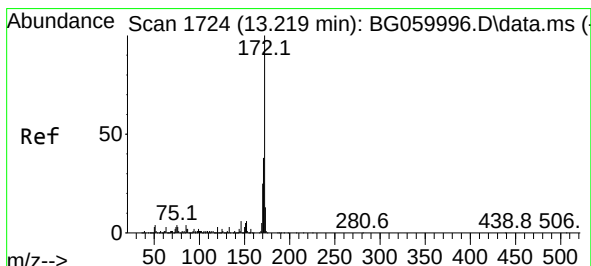
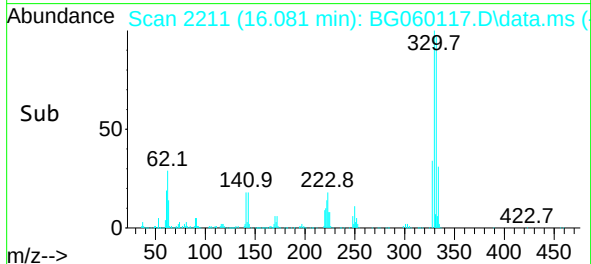
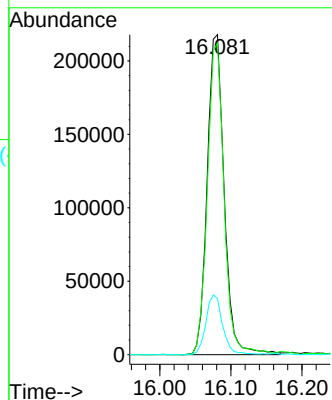
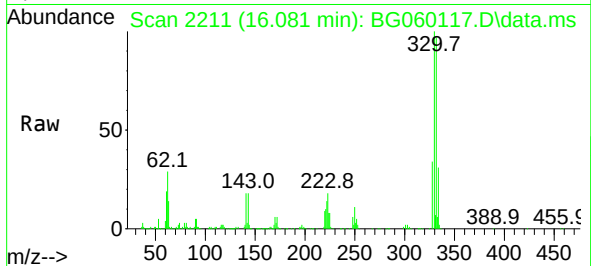




#42
2,4,6-Tribromophenol
Concen: 99.714 ng
RT: 16.081 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060117.D
Acq: 21 Dec 2023 3:17

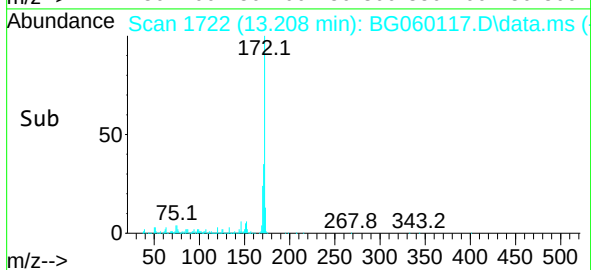
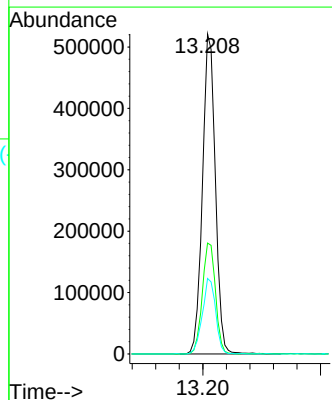
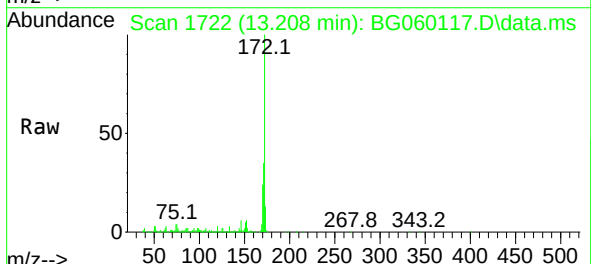
Instrument :
BNA_G
ClientSampleId :
597-P-2

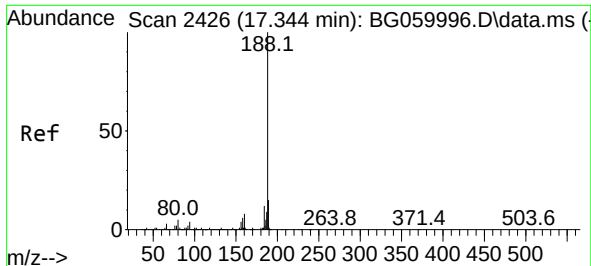
Tgt Ion:330 Resp: 362885
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 18.4 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 62.204 ng
RT: 13.208 min Scan# 1722
Delta R.T. -0.009 min
Lab File: BG060117.D
Acq: 21 Dec 2023 3:17

Tgt Ion:172 Resp: 793683
Ion Ratio Lower Upper
172 100
171 34.7 30.1 45.1
170 23.6 20.0 30.0

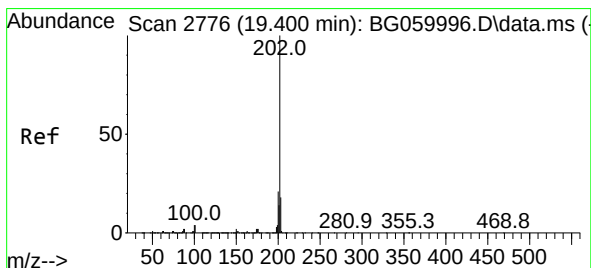
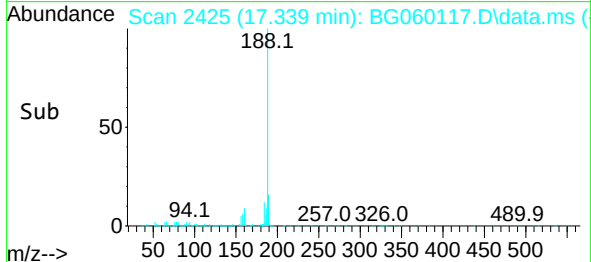
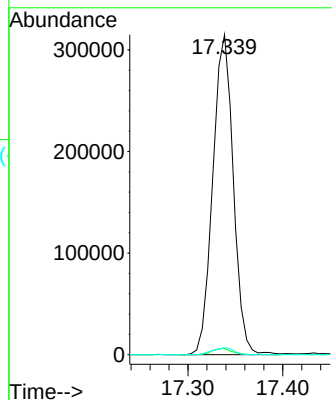
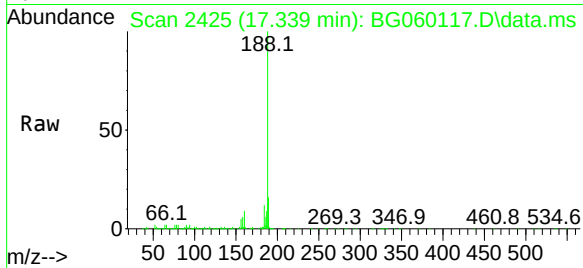




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG060117.D
Acq: 21 Dec 2023 3:17

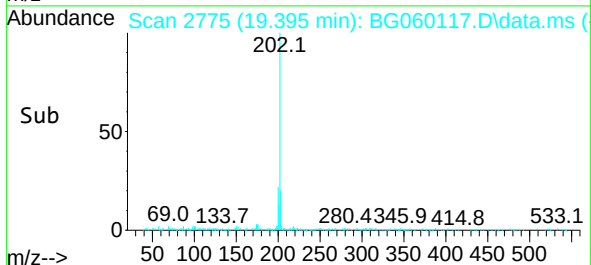
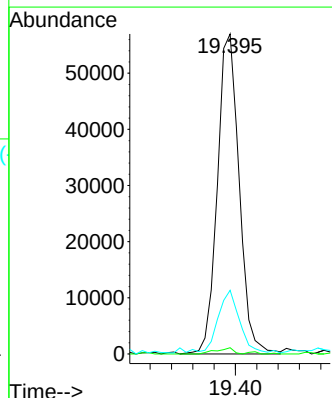
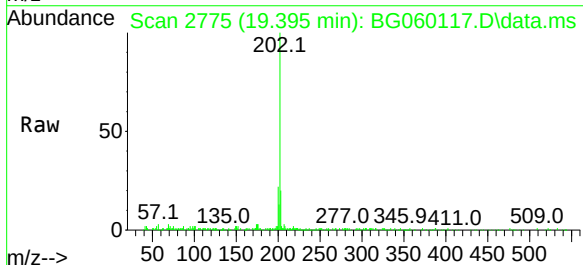
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BNA_G
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597-P-2

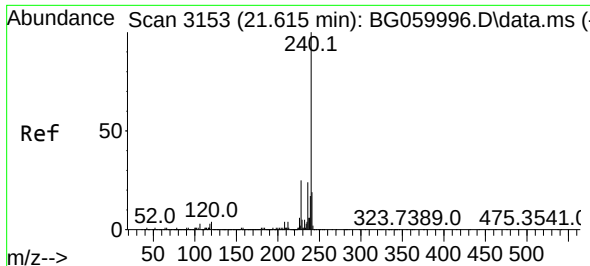
Tgt Ion:188 Resp: 473464
Ion Ratio Lower Upper
188 100
94 1.9 3.0 4.6#
80 2.2 4.0 6.0#



#75
Fluoranthene
Concen: 2.411 ng
RT: 19.395 min Scan# 2775
Delta R.T. -0.009 min
Lab File: BG060117.D
Acq: 21 Dec 2023 3:17

Tgt Ion:202 Resp: 80682
Ion Ratio Lower Upper
202 100
101 1.9 0.0 24.2
203 19.9 0.0 37.6

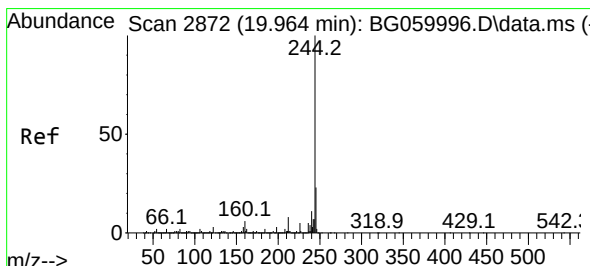
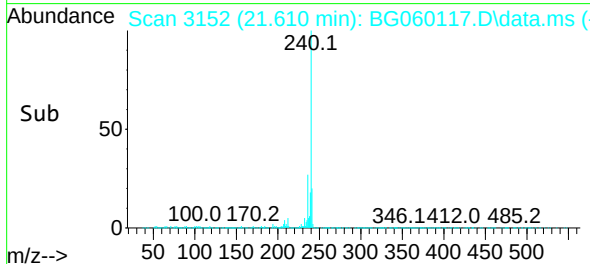
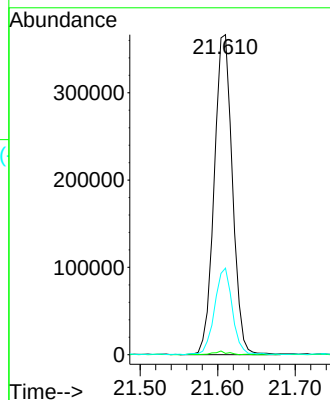
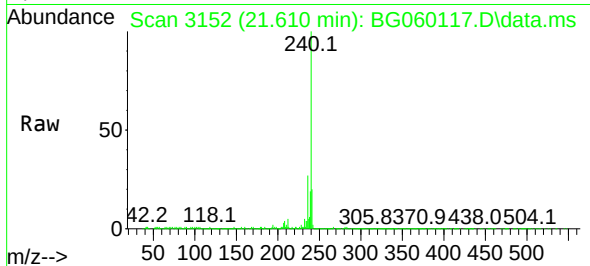




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG060117.D
Acq: 21 Dec 2023 3:17

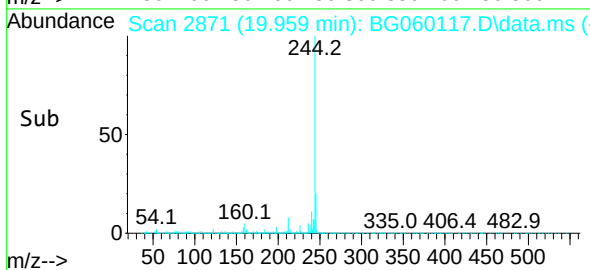
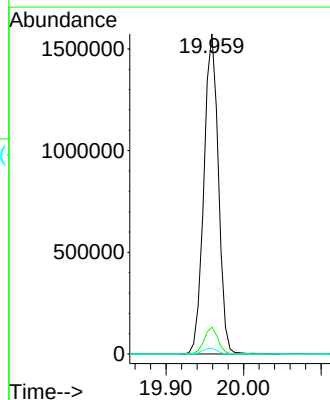
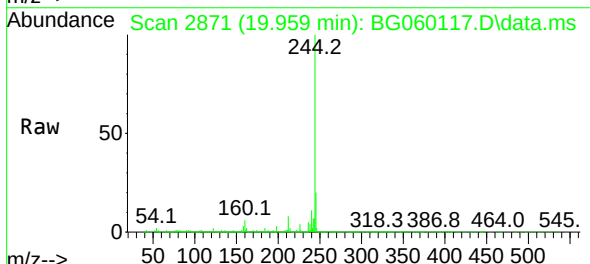
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597-P-2

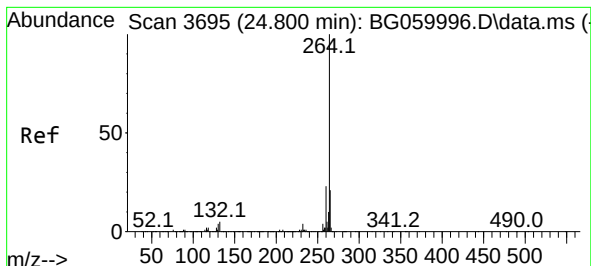
Tgt Ion:240 Resp: 597528
Ion Ratio Lower Upper
240 100
120 0.4 2.9 4.3#
236 27.1 19.4 29.2



#79
Terphenyl-d14
Concen: 62.389 ng
RT: 19.959 min Scan# 2871
Delta R.T. -0.009 min
Lab File: BG060117.D
Acq: 21 Dec 2023 3:17

Tgt Ion:244 Resp: 2041909
Ion Ratio Lower Upper
244 100
212 8.3 6.8 10.2
122 1.8 2.6 3.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.800 min Scan# 3

Delta R.T. -0.015 min

Lab File: BG060117.D

Acq: 21 Dec 2023 3:17

Instrument :

BNA_G

ClientSampleId :

597-P-2

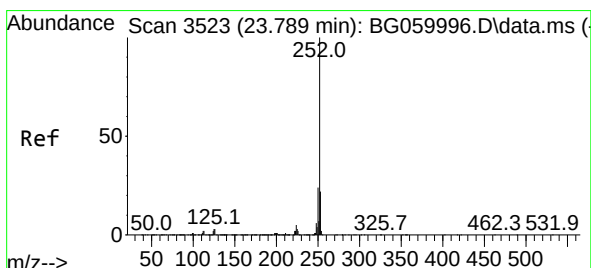
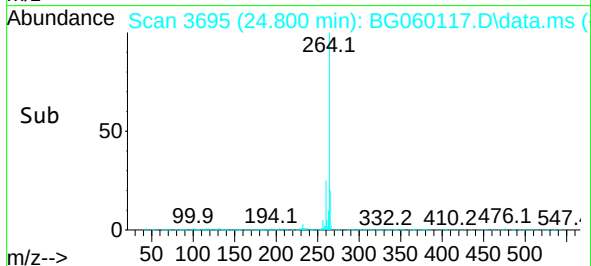
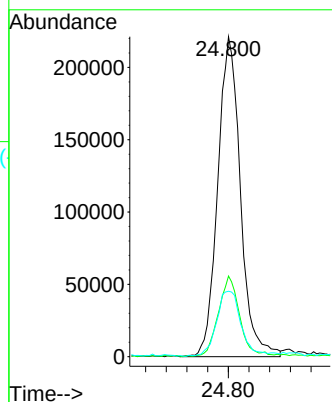
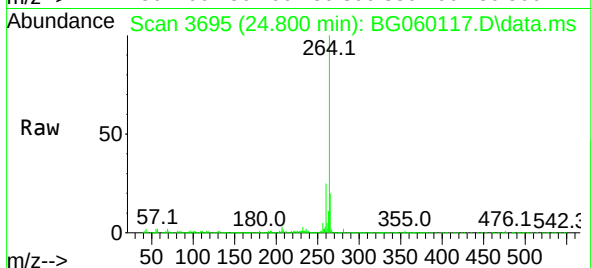
Tgt Ion:264 Resp: 672909

Ion Ratio Lower Upper

264 100

260 25.2 18.5 27.7

265 20.5 17.3 25.9



#88

Benzo(b)fluoranthene

Concen: 2.223 ng

RT: 23.784 min Scan# 3522

Delta R.T. -0.015 min

Lab File: BG060117.D

Acq: 21 Dec 2023 3:17

Tgt Ion:252 Resp: 92388

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.2

125 3.2 2.6 4.0

