

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
 Data File : BG053762.D
 Acq On : 28 May 2022 22:31
 Operator : CG/JU
 Sample : N3055-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-329

Quant Time: May 29 02:20:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 29 02:17:06 2022
 Response via : Initial Calibration

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

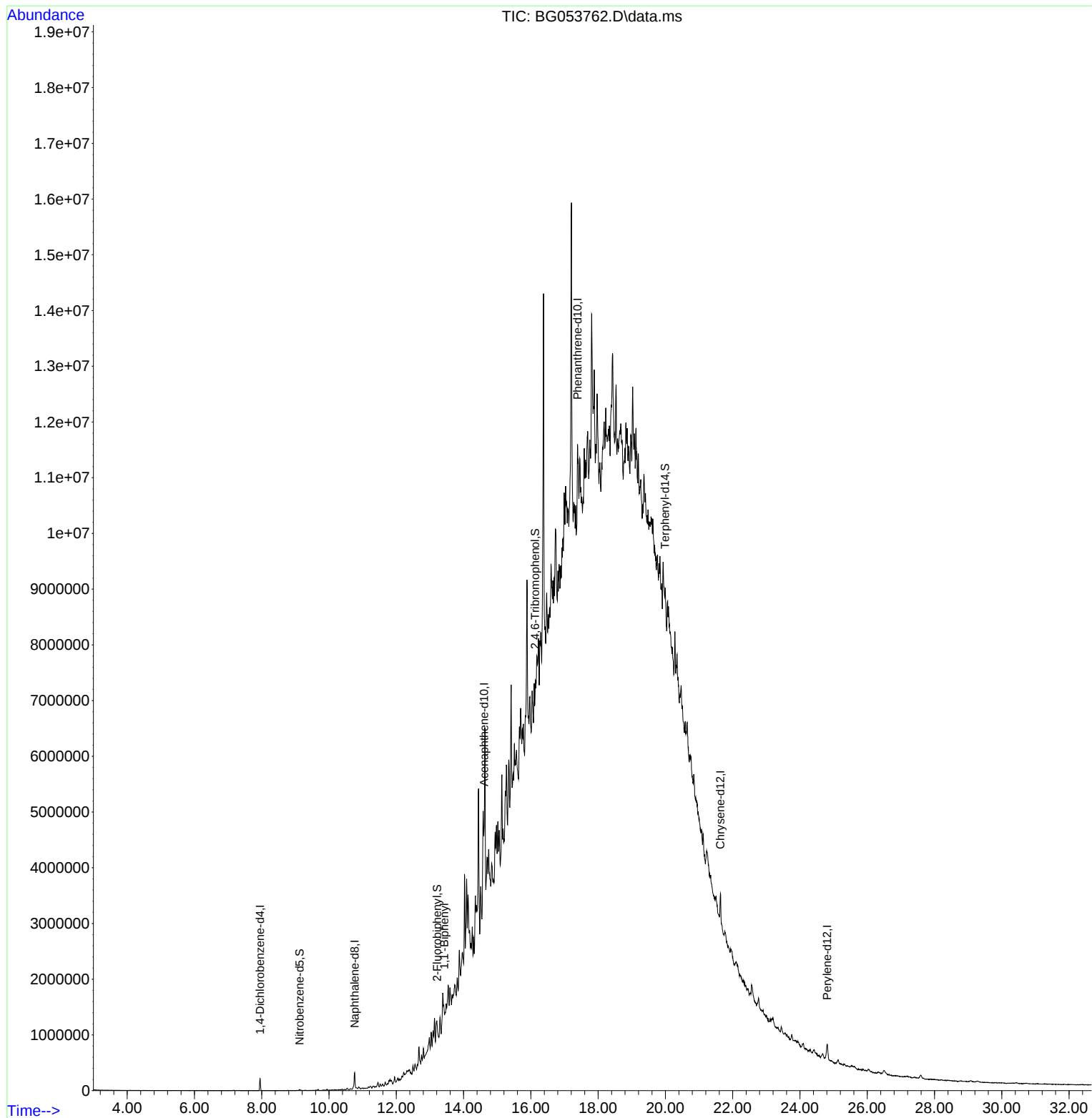
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	64411	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	236632	20.000	ng	# 0.00
39) Acenaphthene-d10	14.608	164	136959	20.000	ng	0.01
64) Phenanthrene-d10	17.387	188	273935	20.000	ng	# 0.04
76) Chrysene-d12	21.634	240	263797	20.000	ng	# 0.02
86) Perylene-d12	24.806	264	289211	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.544	112	426	0.112	ng	0.02
7) Phenol-d6	7.166	99	6964	1.209	ng	0.01
23) Nitrobenzene-d5	9.122	82	16161	2.907	ng	0.00
42) 2,4,6-Tribromophenol	16.124	330	13709	6.787	ng	0.03
45) 2-Fluorobiphenyl	13.216	172	59381	6.336	ng	0.00
79) Terphenyl-d14	19.989	244	93990	6.636	ng	0.04
Target Compounds						
46) 1,1'-Biphenyl	13.428	154	23548	2.522	ng	Qvalue 83

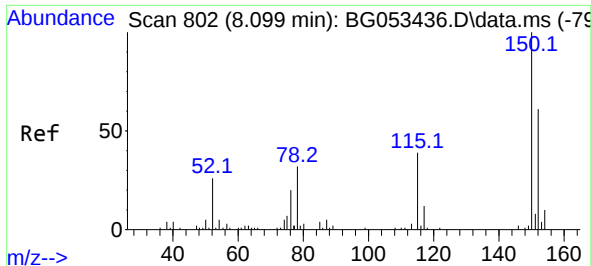
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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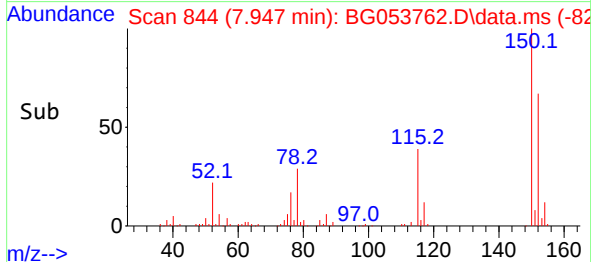
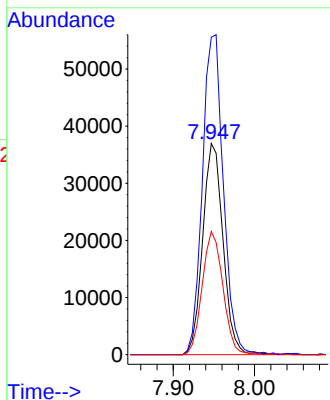
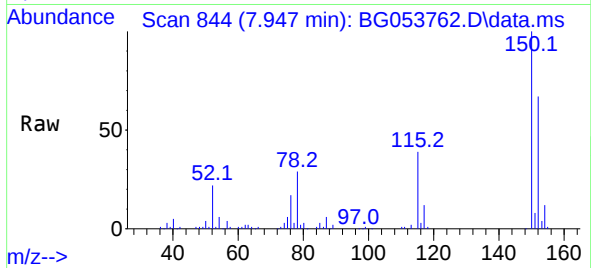




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

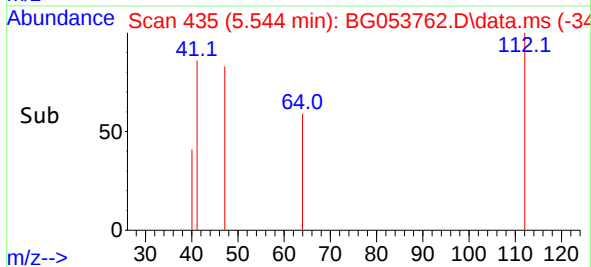
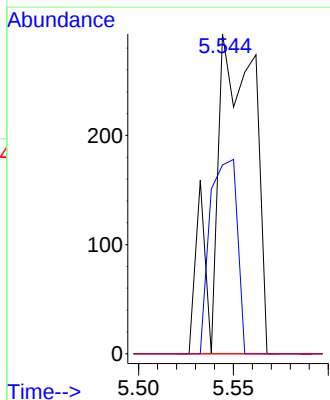
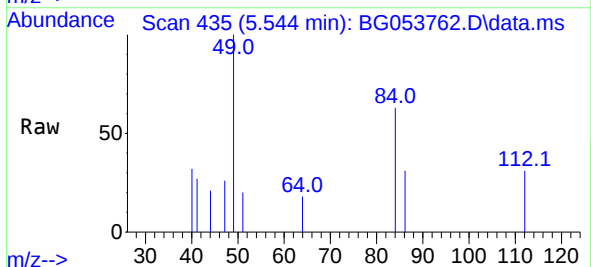
Instrument :
BNA_G
ClientSampleId :
ETGI-329

Tgt Ion:152 Resp: 64411
Ion Ratio Lower Upper
152 100
150 150.3 131.6 197.4
115 58.3 50.9 76.3



#5
2-Fluorophenol
Concen: 0.112 ng
RT: 5.544 min Scan# 435
Delta R.T. 0.019 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Tgt Ion:112 Resp: 426
Ion Ratio Lower Upper
112 100
64 59.0 55.1 82.7
63 0.0 30.4 45.6#

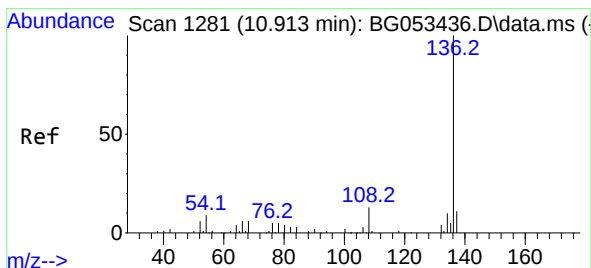
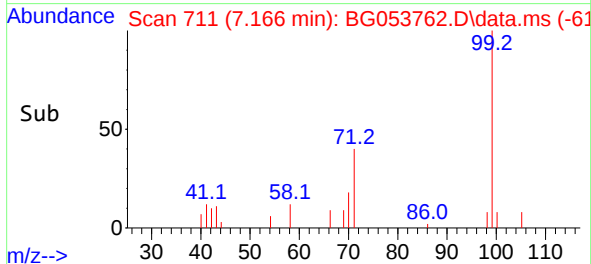
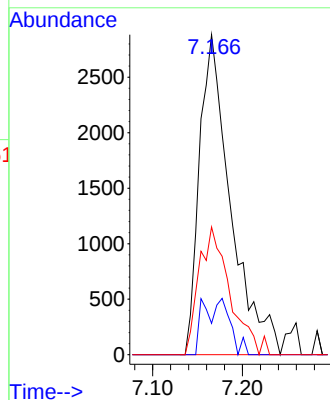
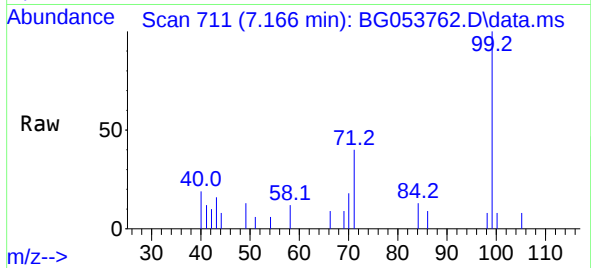




#7
Phenol-d6
Concen: 1.209 ng
RT: 7.166 min Scan# 71
Delta R.T. 0.013 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

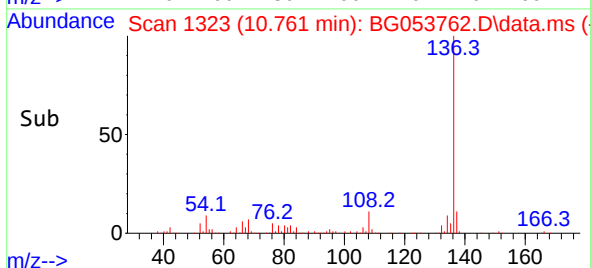
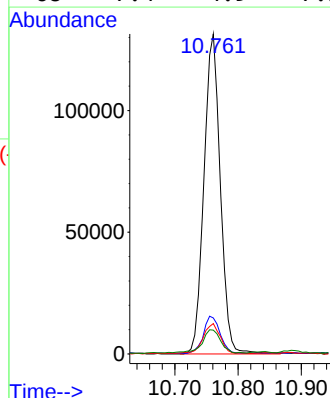
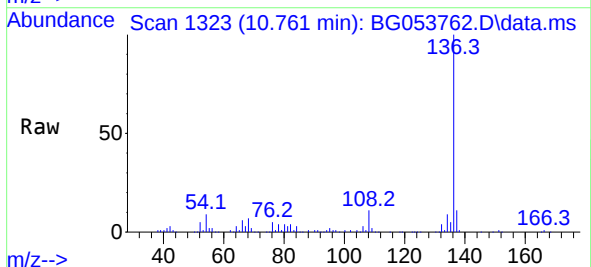
Instrument :
BNA_G
ClientSampleId :
ETGI-329

Tgt Ion: 99 Resp: 6964
Ion Ratio Lower Upper
99 100
42 9.8 17.0 25.6#
71 39.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1323
Delta R.T. 0.001 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Tgt Ion:136 Resp: 236632
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.5 7.4 11.2
68 7.4 4.9 7.3#

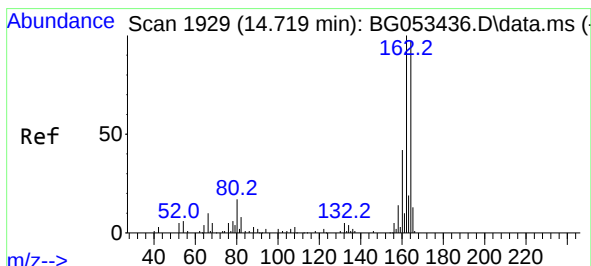
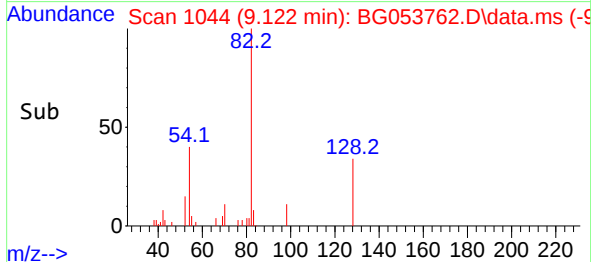
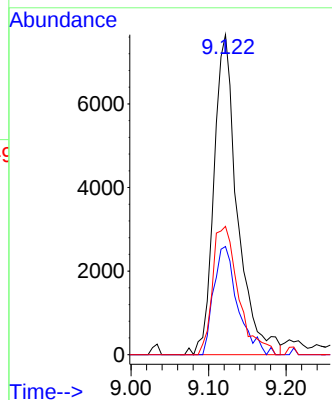
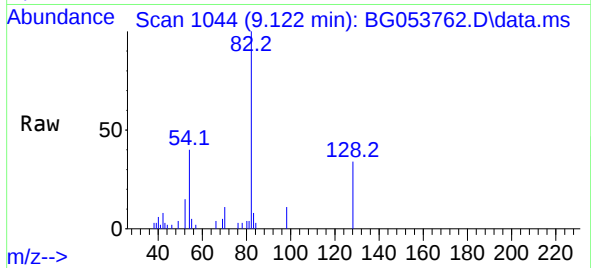




#23
Nitrobenzene-d5
Concen: 2.907 ng
RT: 9.122 min Scan# 1044
Delta R.T. 0.001 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

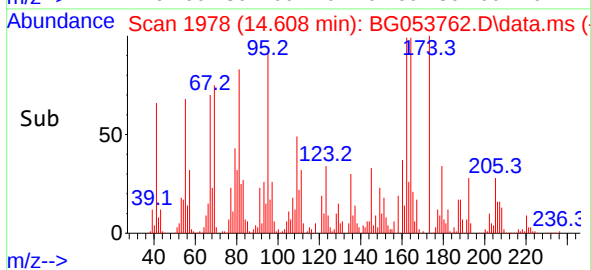
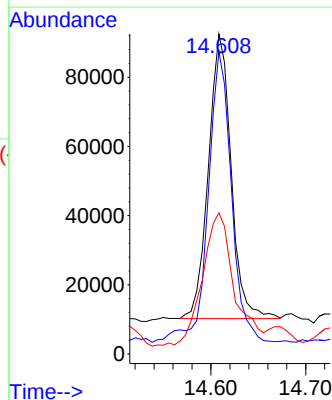
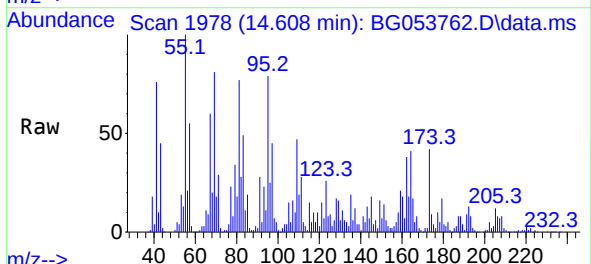
Instrument :
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ClientSampleId :
ETGI-329

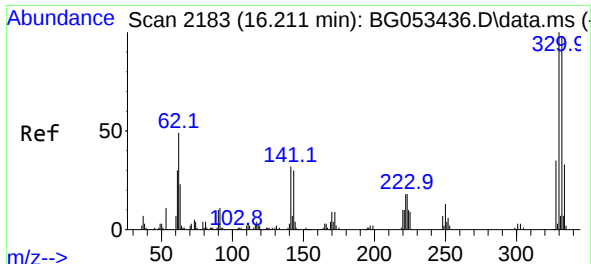
Tgt Ion: 82 Resp: 16161
Ion Ratio Lower Upper
82 100
128 33.8 27.9 41.9
54 40.1 41.2 61.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.608 min Scan# 1978
Delta R.T. 0.013 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Tgt Ion:164 Resp: 136959
Ion Ratio Lower Upper
164 100
162 94.5 82.3 123.5
160 44.1 34.2 51.2

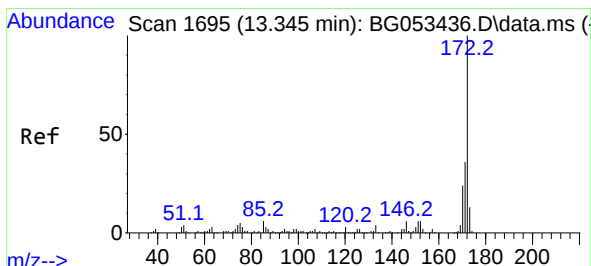
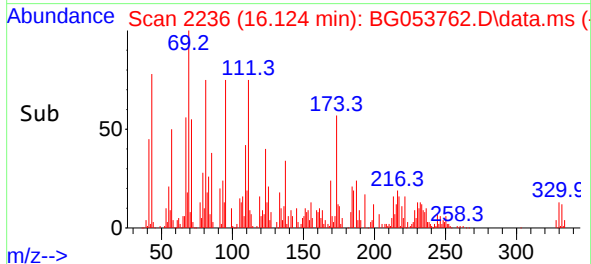
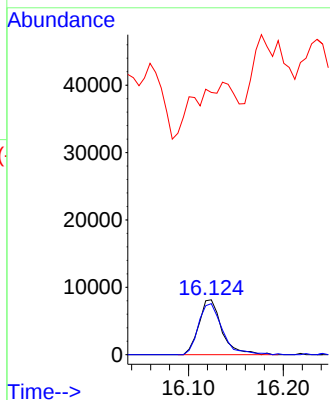
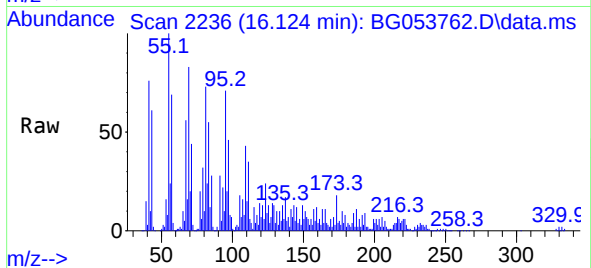




#42
2,4,6-Tribromophenol
Concen: 6.787 ng
RT: 16.124 min Scan# 2183
Delta R.T. 0.031 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

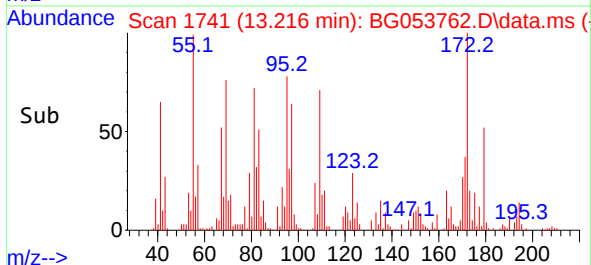
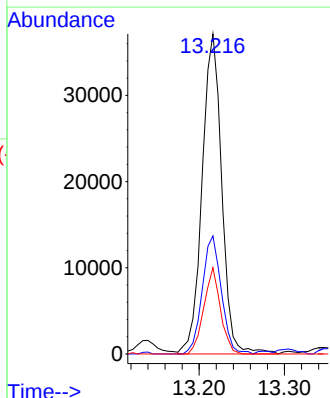
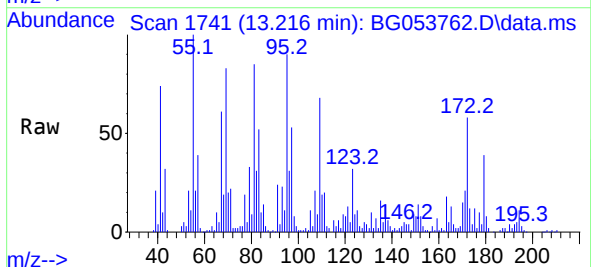
Instrument :
BNA_G
ClientSampleId :
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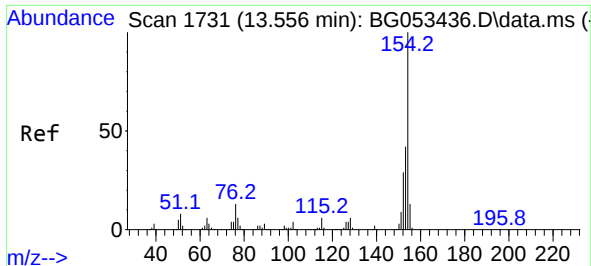
Tgt Ion:330 Resp: 13709
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 183.6 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 6.336 ng
RT: 13.216 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Tgt Ion:172 Resp: 59381
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 26.9 18.9 28.3

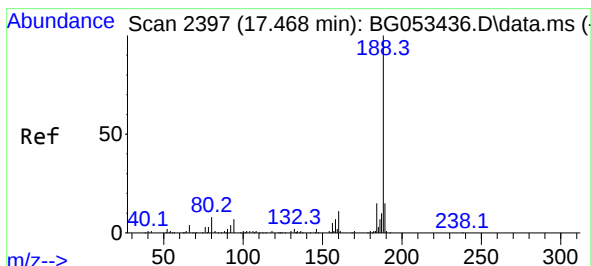
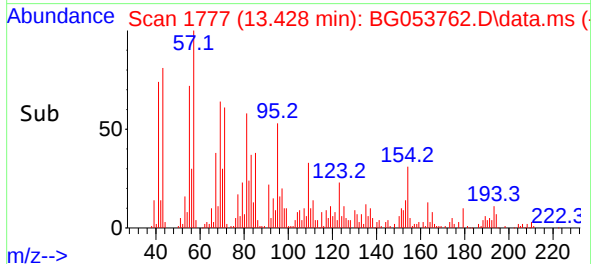
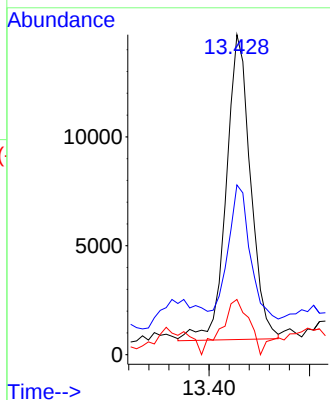
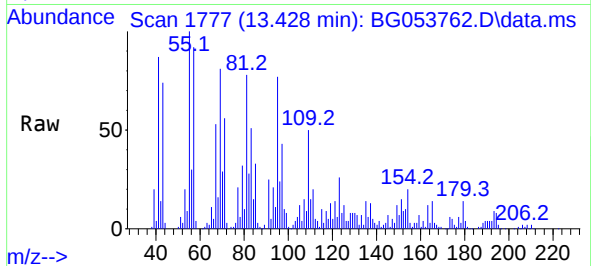




#46
1,1'-Biphenyl
Concen: 2.522 ng
RT: 13.428 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

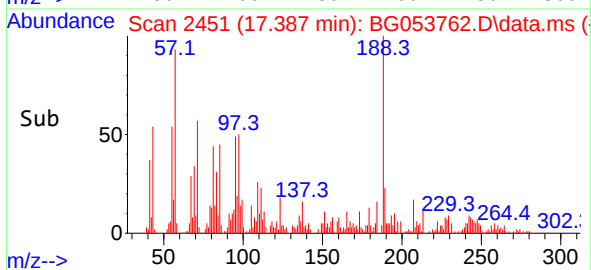
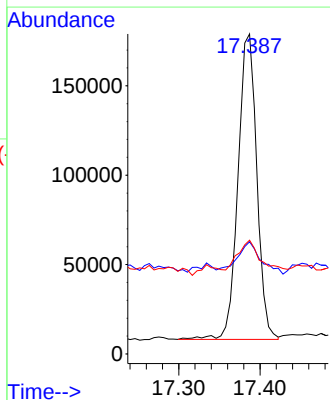
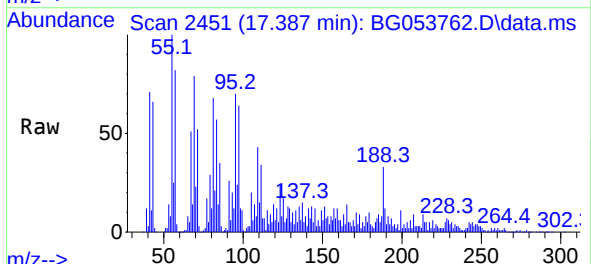
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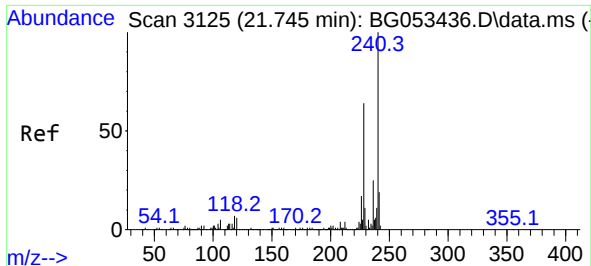
Tgt Ion:154 Resp: 23548
Ion Ratio Lower Upper
154 100
153 53.1 21.6 61.6
76 17.3 0.0 32.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.387 min Scan# 2451
Delta R.T. 0.043 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Tgt Ion:188 Resp: 273935
Ion Ratio Lower Upper
188 100
94 35.0 5.4 8.0#
80 35.6 6.8 10.2#

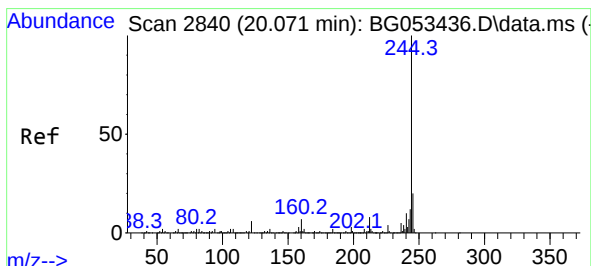
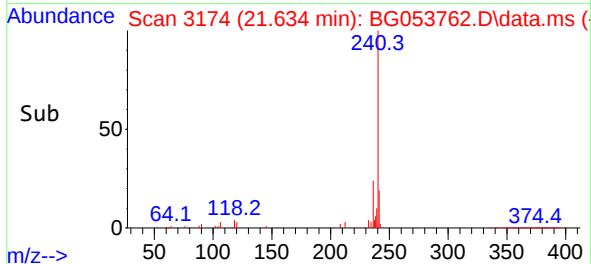
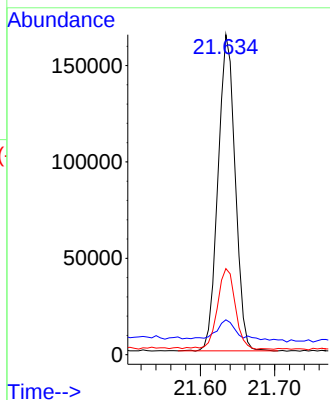
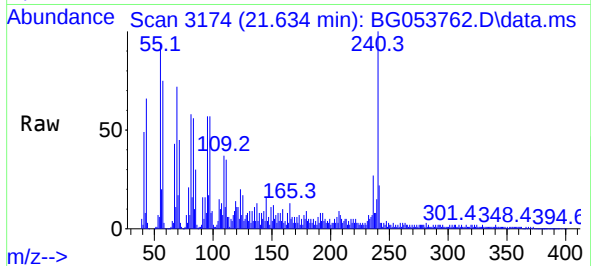




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3125
Delta R.T. 0.025 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

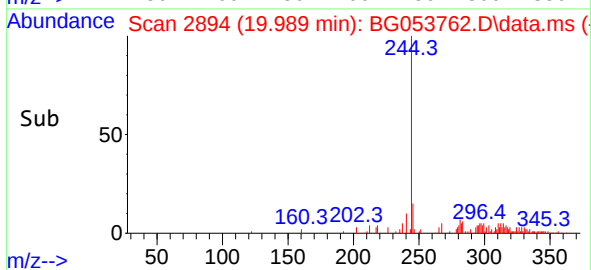
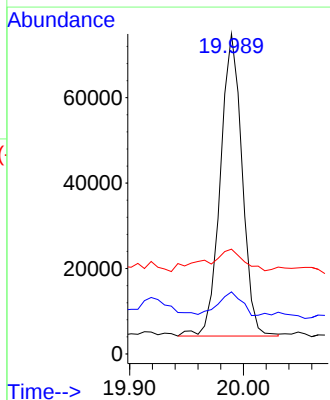
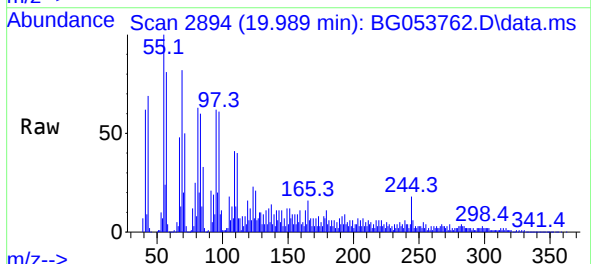
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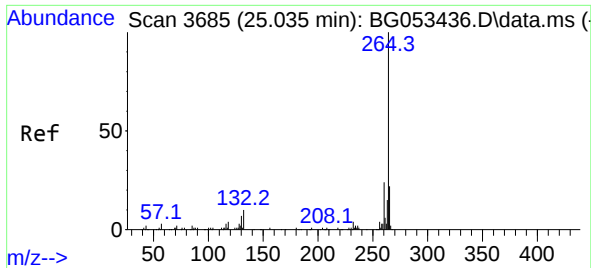
Tgt Ion:240 Resp: 263797
Ion Ratio Lower Upper
240 100
120 10.9 4.6 7.0#
236 26.9 20.2 30.4



#79
Terphenyl-d14
Concen: 6.636 ng
RT: 19.989 min Scan# 2894
Delta R.T. 0.037 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

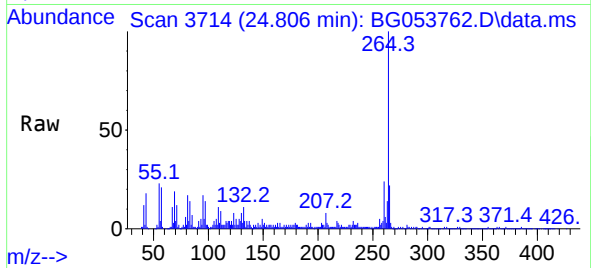
Tgt Ion:244 Resp: 93990
Ion Ratio Lower Upper
244 100
212 19.4 6.5 9.7#
122 32.8 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.806 min Scan# 31
 Delta R.T. 0.019 min
 Lab File: BG053762.D
 Acq: 28 May 2022 22:31

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-329



Tgt Ion:264 Resp: 289211

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.7	17.4	26.2

