

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
 Data File : BG057117.D
 Acq On : 17 Apr 2023 19:09
 Operator : CG/JU
 Sample : 02366-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230342-COMP-20

Quant Time: Apr 18 01:21:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 19:00:08 2023
 Response via : Initial Calibration

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

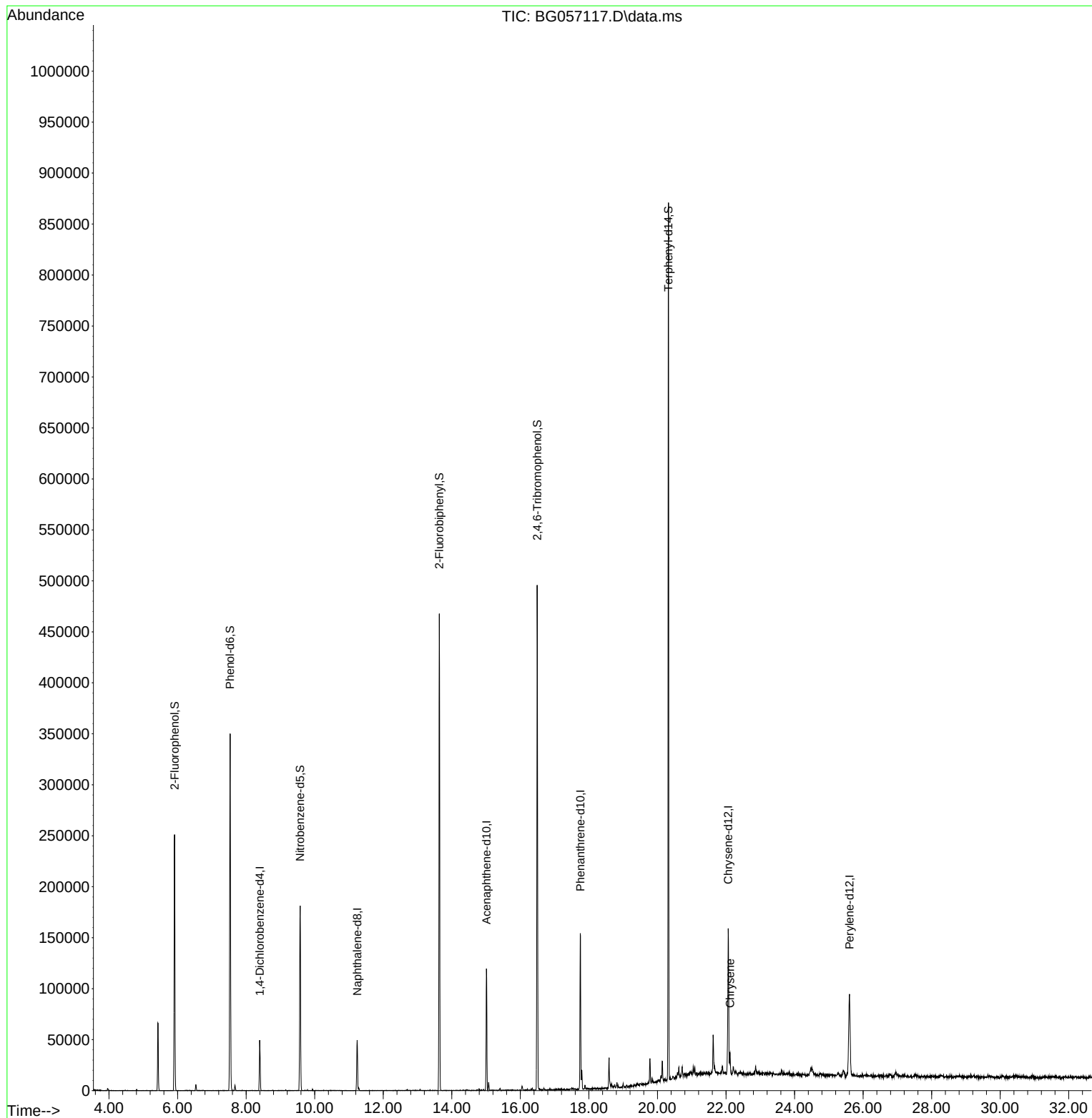
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.396	152	14028	20.000	ng	-0.01
21) Naphthalene-d8	11.240	136	42259	20.000	ng	0.00
39) Acenaphthene-d10	15.011	164	42865	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	97509	20.000	ng	# 0.00
76) Chrysene-d12	22.066	240	84112	20.000	ng	#-0.01
86) Perylene-d12	25.602	264	94918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	105529	120.397	ng	0.00
7) Phenol-d6	7.533	99	198754	151.614	ng	0.00
23) Nitrobenzene-d5	9.577	82	116516	112.818	ng	0.00
42) 2,4,6-Tribromophenol	16.491	330	97168	141.896	ng	0.00
45) 2-Fluorobiphenyl	13.636	172	234189	74.084	ng	0.00
79) Terphenyl-d14	20.321	244	417248	83.942	ng	0.00
Target Compounds						
83) Chrysene	22.119	228	13931	2.556	ng	Qvalue 97

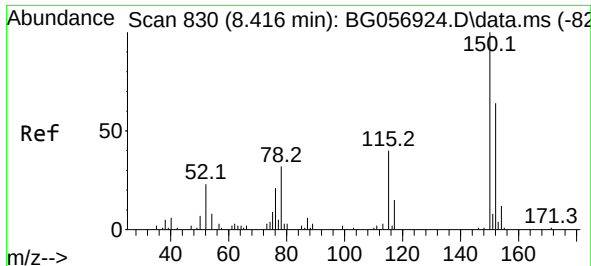
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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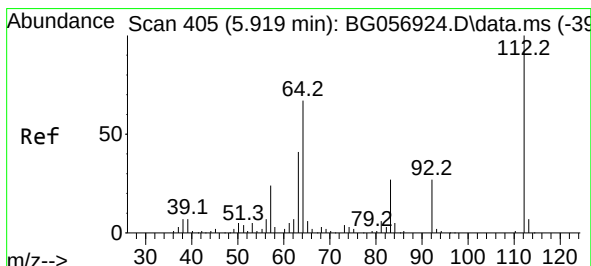
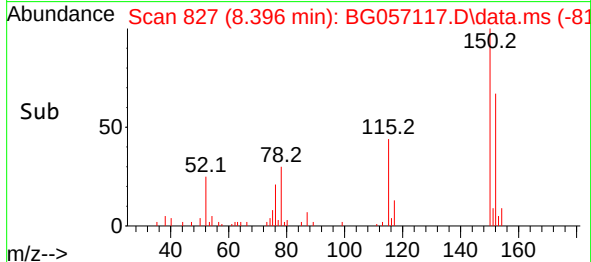
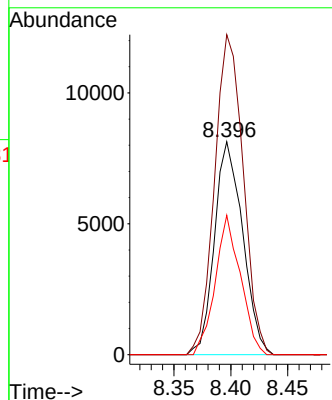
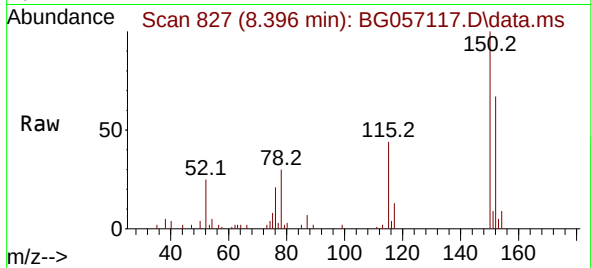




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.396 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG057117.D
Acq: 17 Apr 2023 19:09

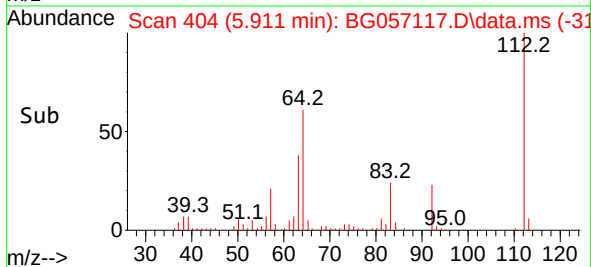
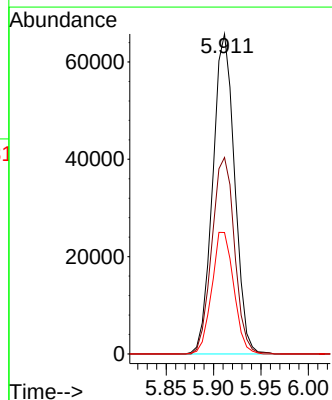
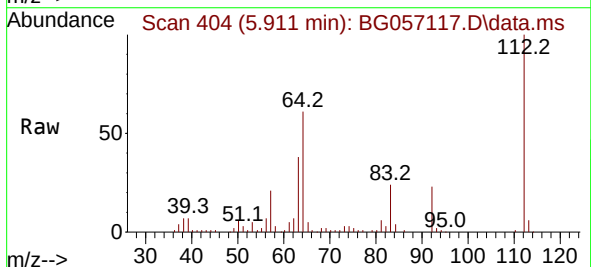
Instrument :
BNA_G
ClientSampleId :
20230342-COMP-20

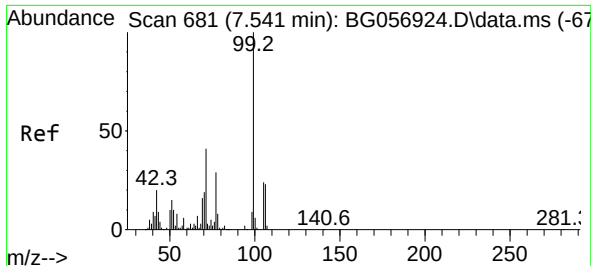
Tgt Ion:152 Resp: 14028
Ion Ratio Lower Upper
152 100
150 150.3 124.1 186.1
115 65.4 49.1 73.7



#5
2-Fluorophenol
Concen: 120.397 ng
RT: 5.911 min Scan# 404
Delta R.T. -0.003 min
Lab File: BG057117.D
Acq: 17 Apr 2023 19:09

Tgt Ion:112 Resp: 105529
Ion Ratio Lower Upper
112 100
64 61.4 53.2 79.8
63 37.9 32.6 48.8

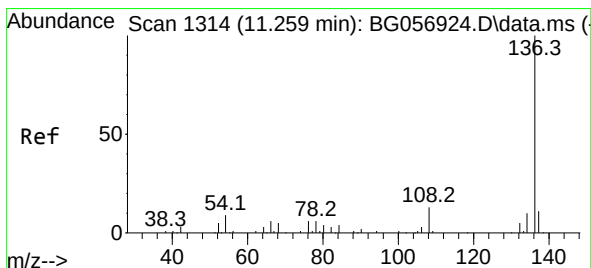
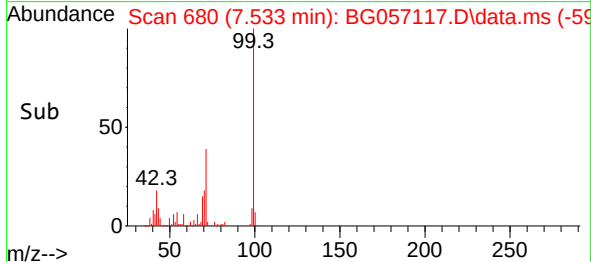
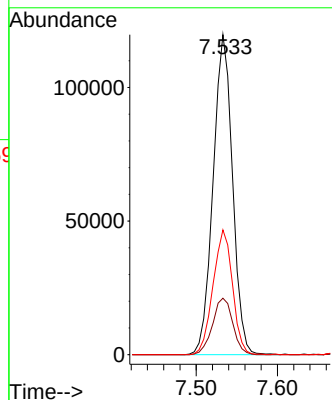
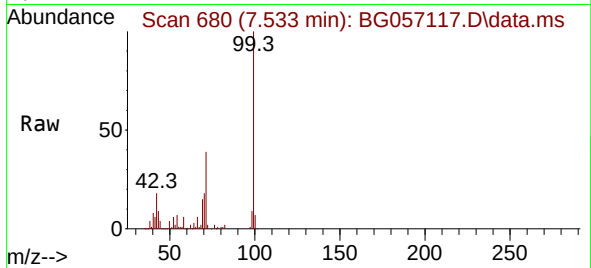




#7
Phenol-d6
Concen: 151.614 ng
RT: 7.533 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057117.D
Acq: 17 Apr 2023 19:09

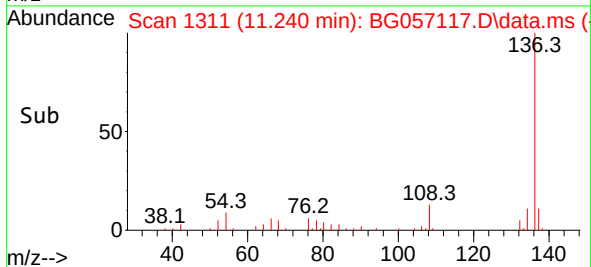
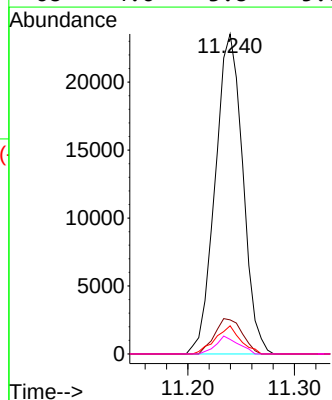
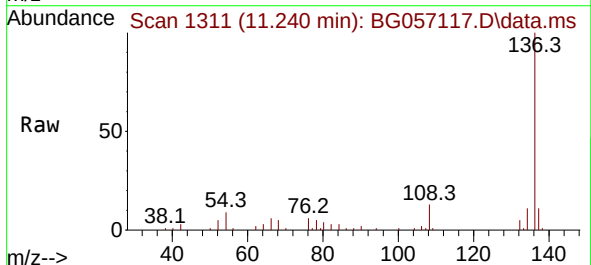
Instrument :
BNA_G
ClientSampleId :
20230342-COMP-20

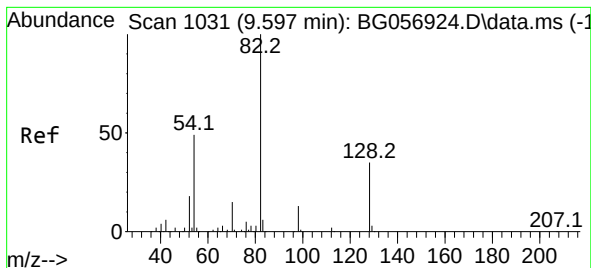
Tgt Ion: 99 Resp: 198754
Ion Ratio Lower Upper
99 100
42 17.7 15.7 23.5
71 39.0 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.240 min Scan# 1311
Delta R.T. -0.009 min
Lab File: BG057117.D
Acq: 17 Apr 2023 19:09

Tgt Ion: 136 Resp: 42259
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.8 6.9 10.3
68 4.6 3.8 5.6





#23

Nitrobenzene-d5

Concen: 112.818 ng

RT: 9.577 min Scan# 1028

Delta R.T. -0.009 min

Lab File: BG057117.D

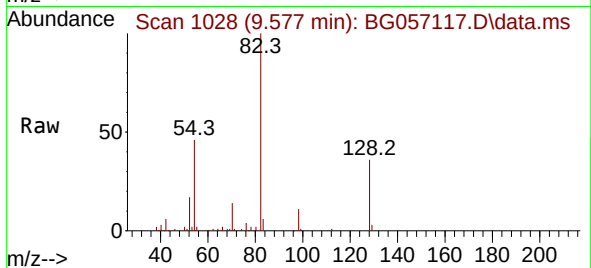
Acq: 17 Apr 2023 19:09

Instrument :

BNA_G

ClientSampleId :

20230342-COMP-20



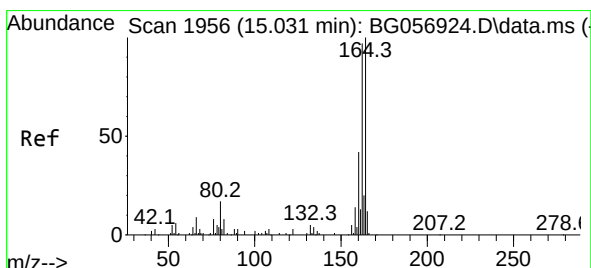
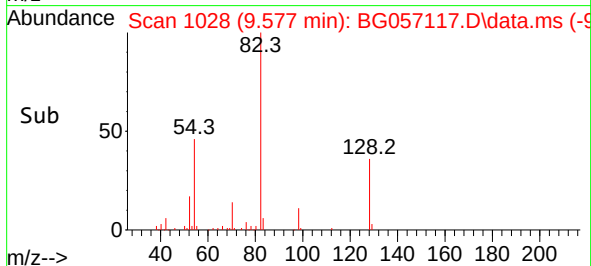
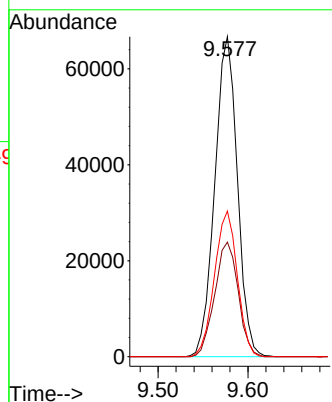
Tgt Ion: 82 Resp: 116516

Ion Ratio Lower Upper

82 100

128 35.8 27.9 41.9

54 45.5 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.011 min Scan# 1953

Delta R.T. -0.009 min

Lab File: BG057117.D

Acq: 17 Apr 2023 19:09

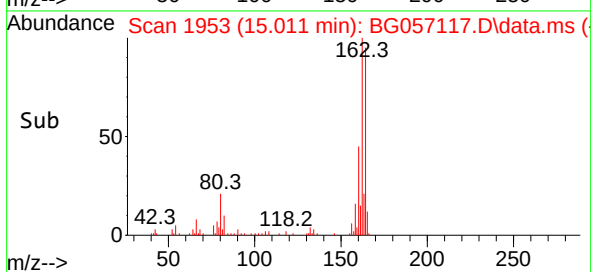
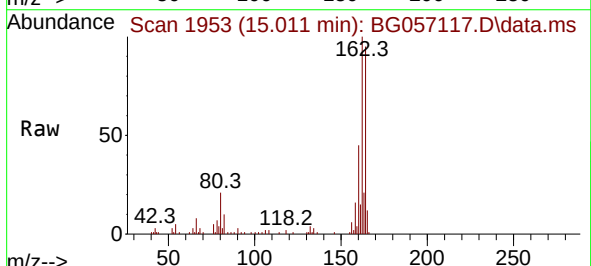
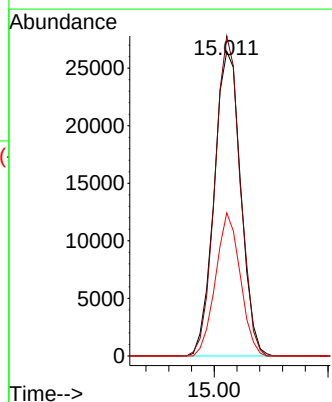
Tgt Ion:164 Resp: 42865

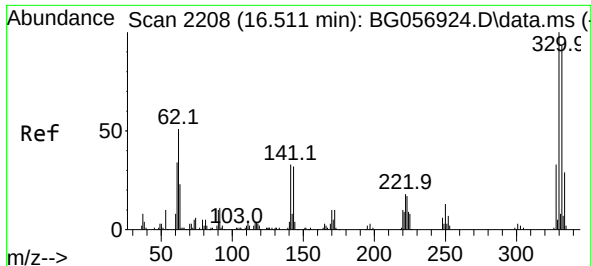
Ion Ratio Lower Upper

164 100

162 105.1 77.8 116.8

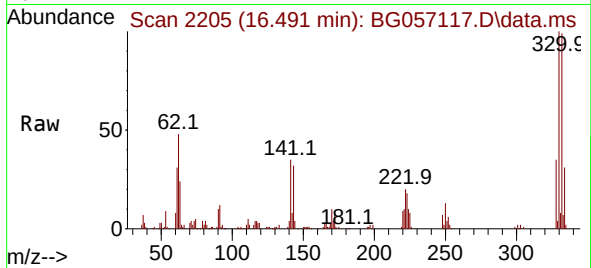
160 47.0 33.5 50.3



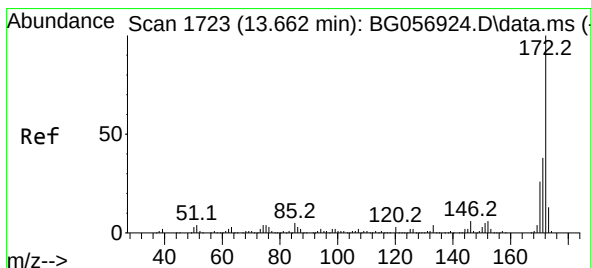
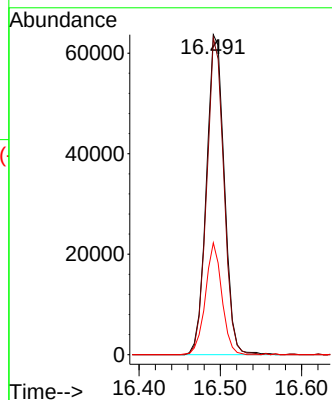
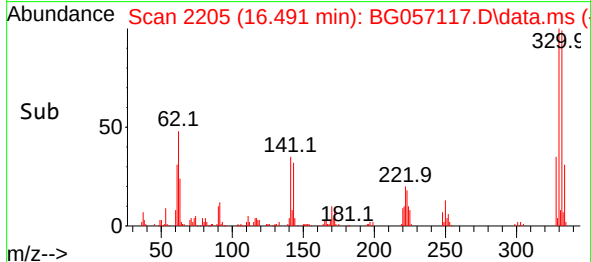


#42
2,4,6-Tribromophenol
Concen: 141.896 ng
RT: 16.491 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057117.D
Acq: 17 Apr 2023 19:09

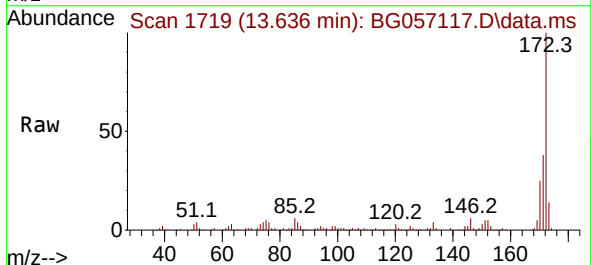
Instrument :
BNA_G
ClientSampleId :
20230342-COMP-20



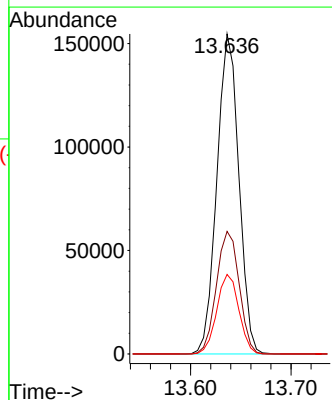
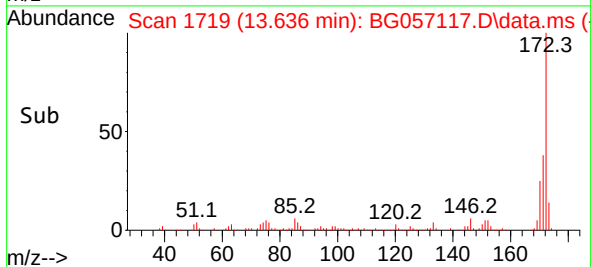
Tgt Ion:330 Resp: 97168
Ion Ratio Lower Upper
330 100
332 94.9 76.1 114.1
141 32.1 25.8 38.6

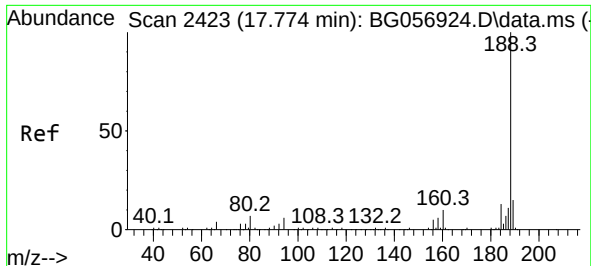


#45
2-Fluorobiphenyl
Concen: 74.084 ng
RT: 13.636 min Scan# 1719
Delta R.T. -0.009 min
Lab File: BG057117.D
Acq: 17 Apr 2023 19:09



Tgt Ion:172 Resp: 234189
Ion Ratio Lower Upper
172 100
171 38.3 30.6 46.0
170 24.9 20.6 30.8

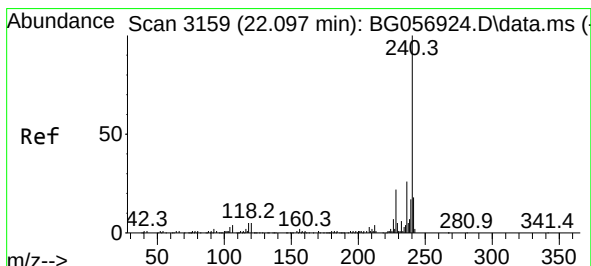
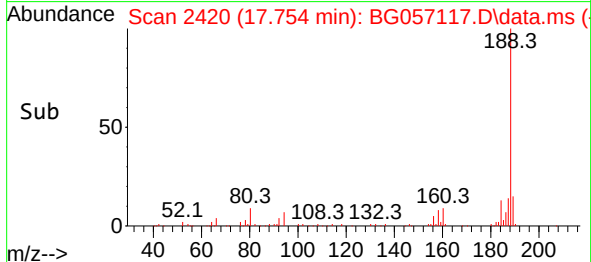
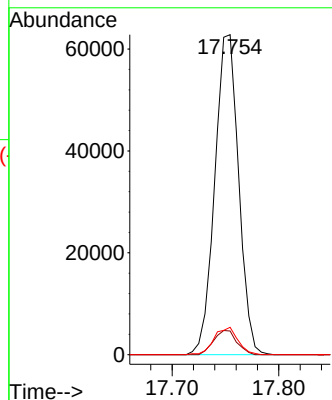
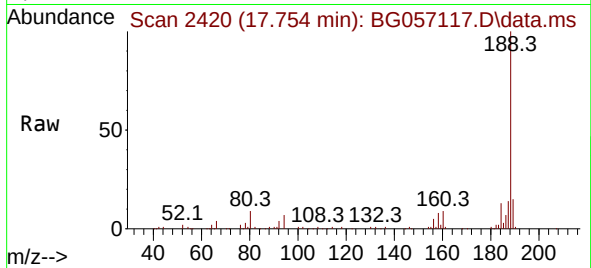




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BG057117.D
Acq: 17 Apr 2023 19:09

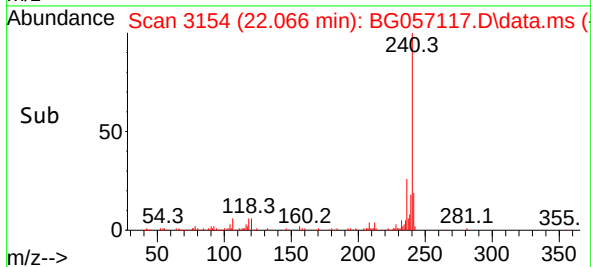
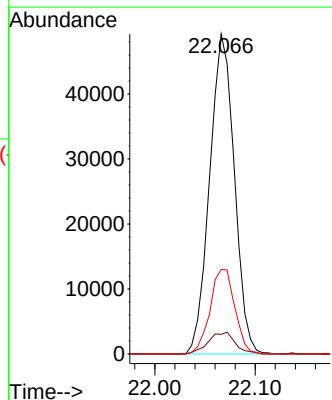
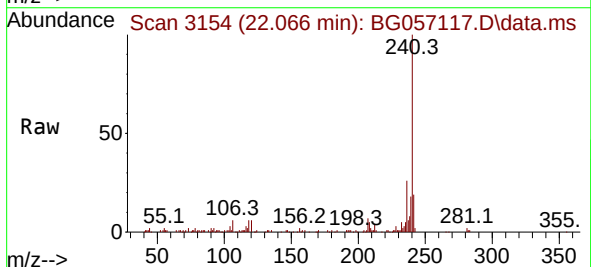
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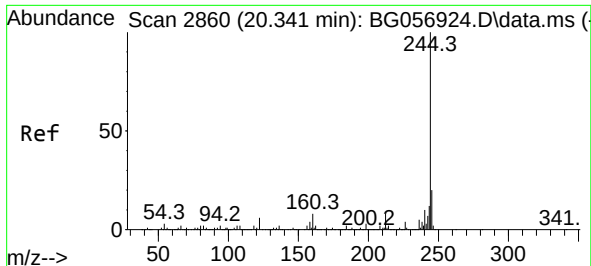
Tgt Ion:188 Resp: 97509
Ion Ratio Lower Upper
188 100
94 7.4 4.6 6.8#
80 8.6 5.5 8.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.066 min Scan# 3154
Delta R.T. -0.015 min
Lab File: BG057117.D
Acq: 17 Apr 2023 19:09

Tgt Ion:240 Resp: 84112
Ion Ratio Lower Upper
240 100
120 6.2 3.8 5.6#
236 26.4 21.0 31.6

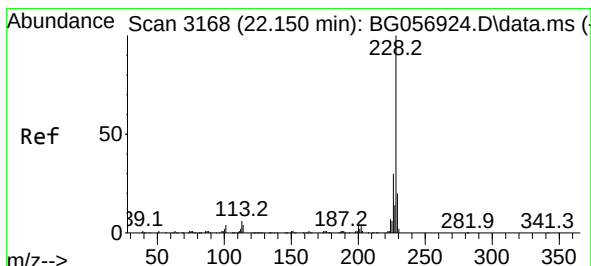
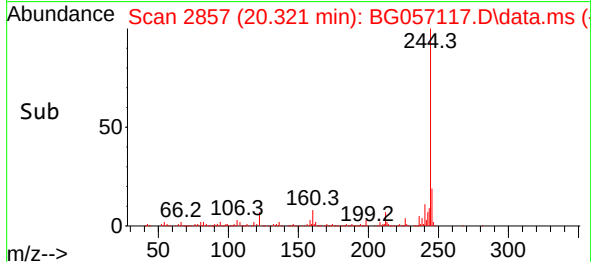
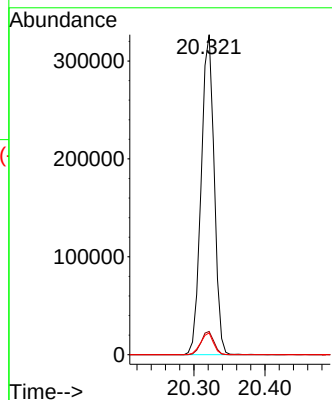
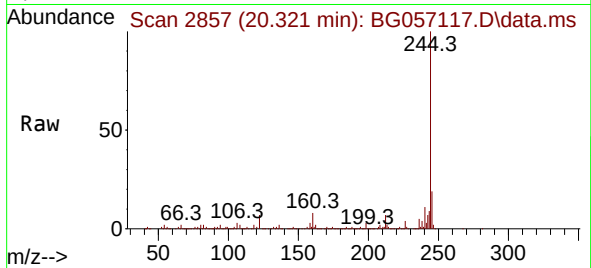




#79
 Terphenyl-d14
 Concen: 83.942 ng
 RT: 20.321 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057117.D
 Acq: 17 Apr 2023 19:09

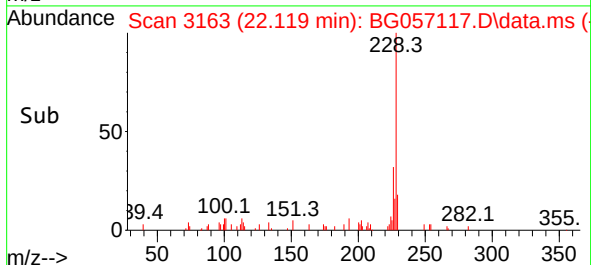
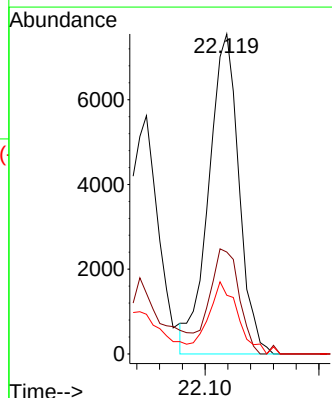
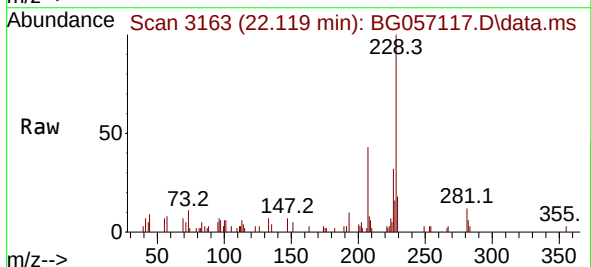
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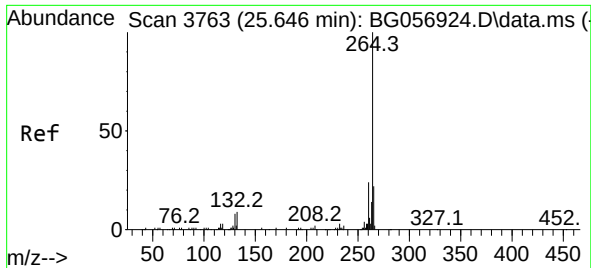
Tgt Ion:244 Resp: 417248
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.8 5.0 7.4



#83
 Chrysene
 Concen: 2.556 ng
 RT: 22.119 min Scan# 3163
 Delta R.T. -0.009 min
 Lab File: BG057117.D
 Acq: 17 Apr 2023 19:09

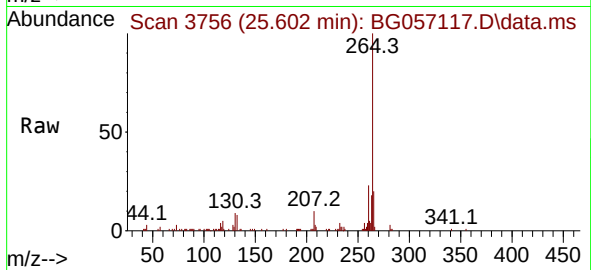
Tgt Ion:228 Resp: 13931
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.1 36.1
 229 18.4 15.6 23.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.602 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG057117.D
Acq: 17 Apr 2023 19:09

Instrument :
BNA_G
ClientSampleId :
20230342-COMP-20



Tgt Ion:264	Resp:	94918
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.0 28.4
265	20.2	17.8 26.6

