

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056417.D
 Acq On : 25 Jan 2023 00:38
 Operator : CG/JU
 Sample : 01268-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-06-012323

Quant Time: Jan 25 05:36:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

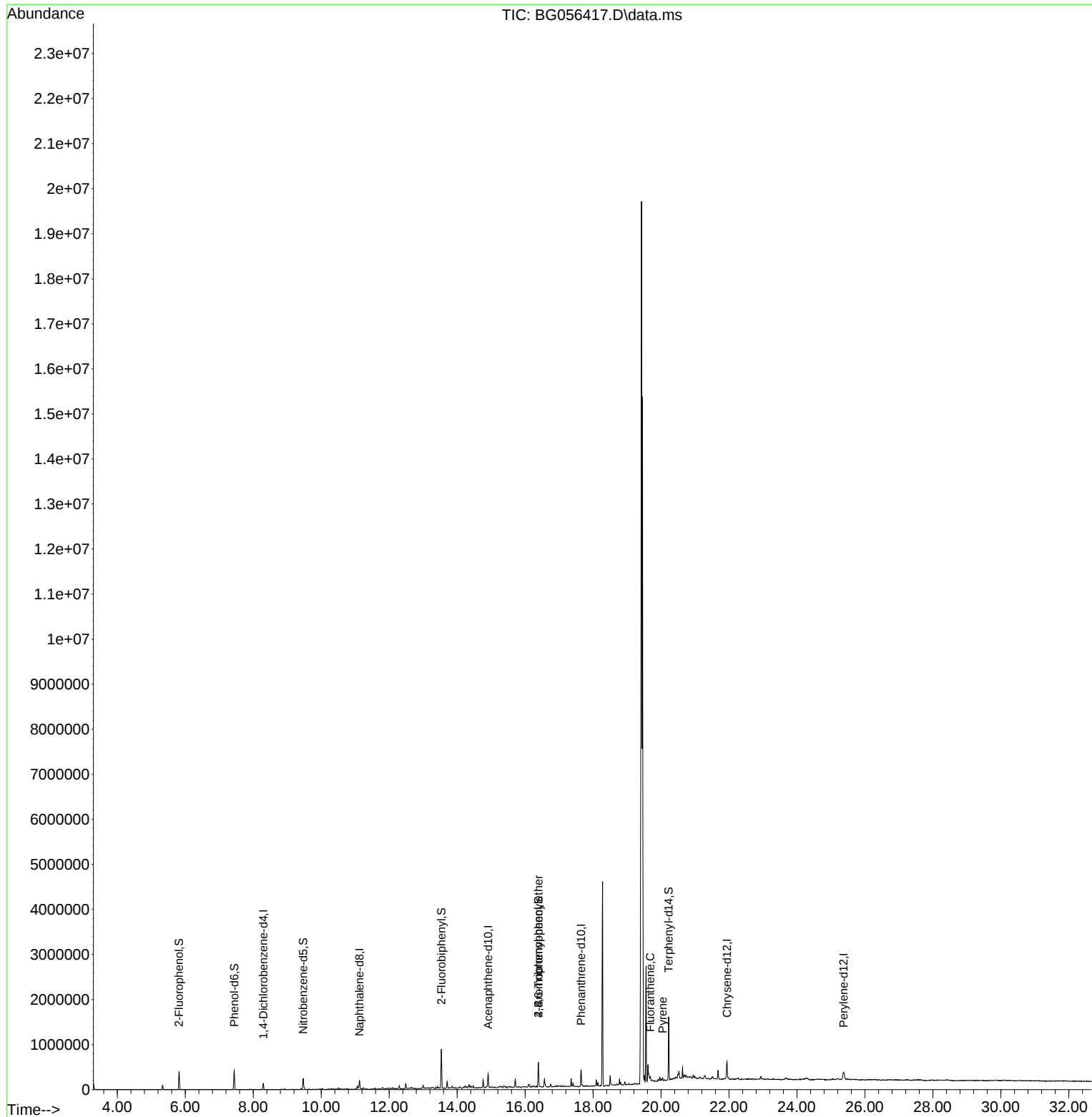
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.297	152	46054	20.000	ng	0.00
21) Naphthalene-d8	11.129	136	169446	20.000	ng	# 0.00
39) Acenaphthene-d10	14.913	164	116811	20.000	ng	0.00
64) Phenanthrene-d10	17.645	188	255254	20.000	ng	0.00
76) Chrysene-d12	21.940	240	248134	20.000	ng	# 0.00
86) Perylene-d12	25.371	264	263830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	234521	90.923	ng	0.00
7) Phenol-d6	7.439	99	326125	82.331	ng	0.00
23) Nitrobenzene-d5	9.472	82	176621	53.318	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	123535	83.504	ng	0.00
45) 2-Fluorobiphenyl	13.538	172	517111	61.131	ng	0.00
79) Terphenyl-d14	20.224	244	768020	55.436	ng	0.00
Target Compounds						
67) 4-Bromophenyl-phenylether	16.393	248	9924	3.053	ng	# 1
75) Fluoranthene	19.683	202	44821	2.598	ng	94
78) Pyrene	20.048	202	49896	2.853	ng	97

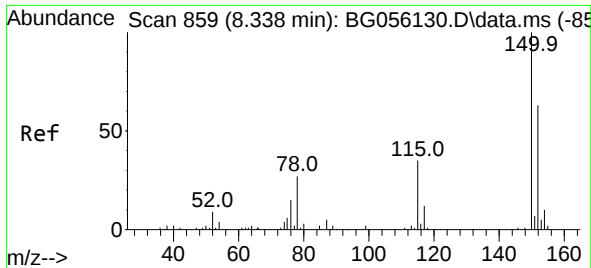
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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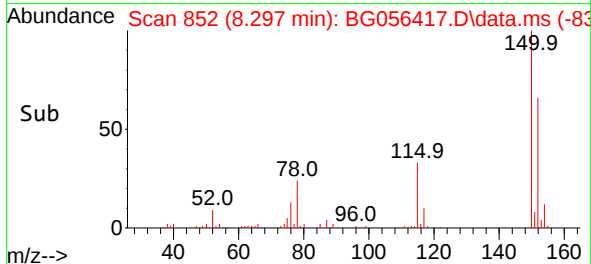
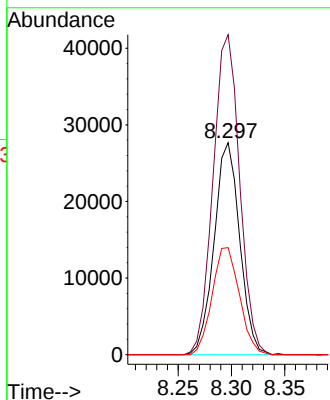
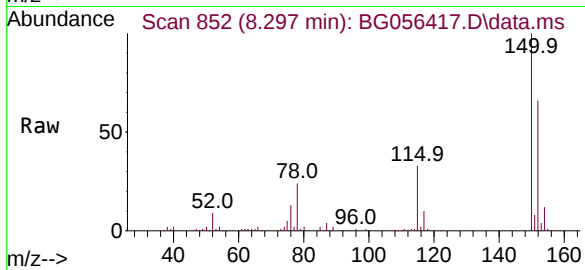




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.297 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056417.D
Acq: 25 Jan 2023 00:38

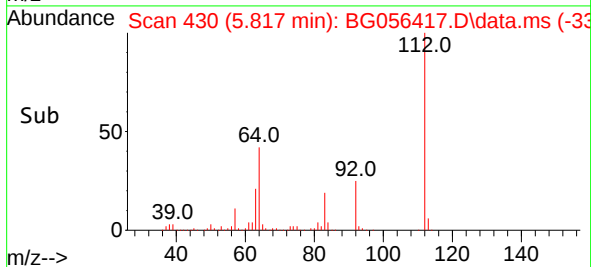
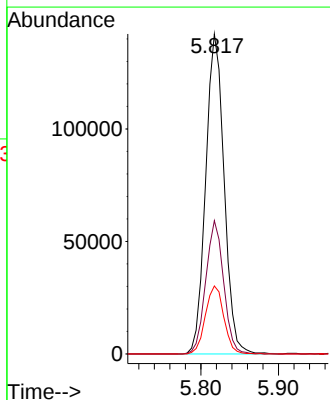
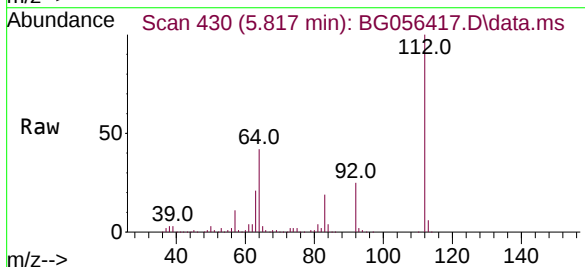
Instrument :
BNA_G
ClientSampleId :
TR-06-012323

Tgt Ion:152 Resp: 46054
Ion Ratio Lower Upper
152 100
150 150.9 127.9 191.9
115 50.5 44.2 66.2



#5
2-Fluorophenol
Concen: 90.923 ng
RT: 5.817 min Scan# 430
Delta R.T. 0.004 min
Lab File: BG056417.D
Acq: 25 Jan 2023 00:38

Tgt Ion:112 Resp: 234521
Ion Ratio Lower Upper
112 100
64 41.6 33.3 49.9
63 21.2 19.0 28.4

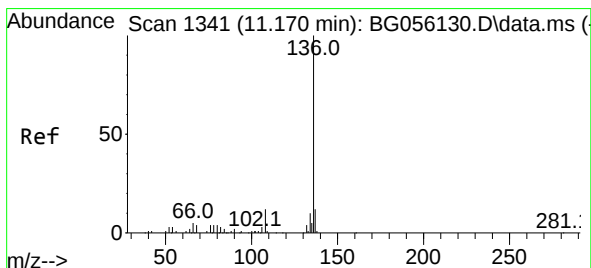
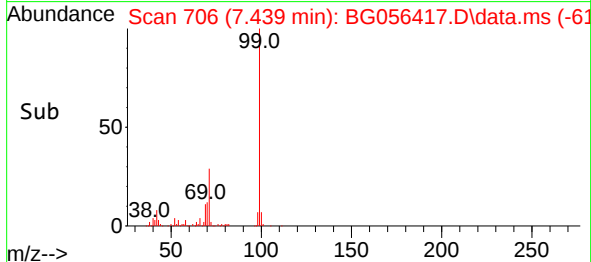
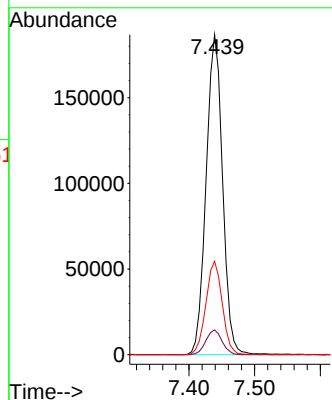
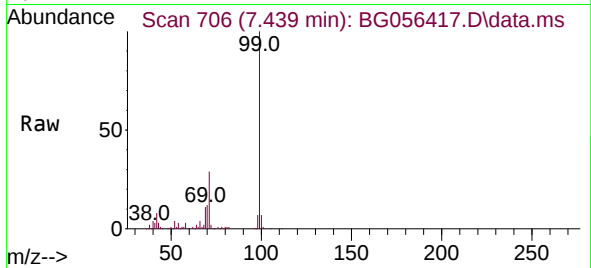




#7
Phenol-d6
Concen: 82.331 ng
RT: 7.439 min Scan# 711
Delta R.T. 0.004 min
Lab File: BG056417.D
Acq: 25 Jan 2023 00:38

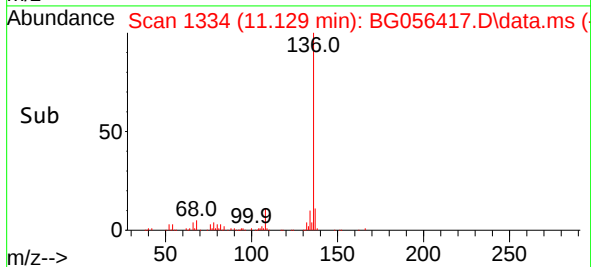
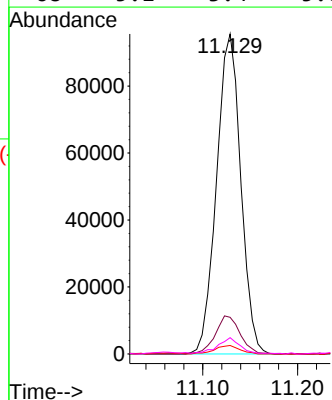
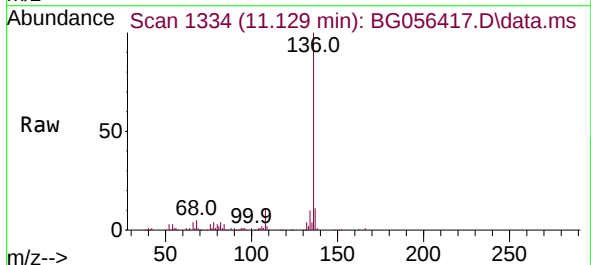
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BNA_G
ClientSampleId :
TR-06-012323

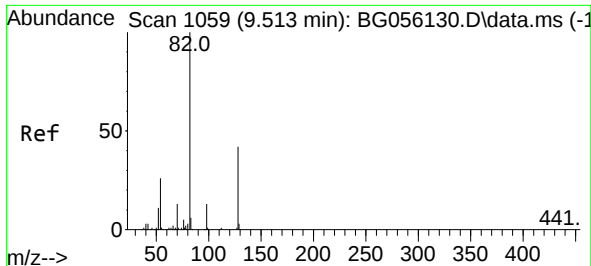
Tgt Ion: 99 Resp: 326125
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 29.2 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.129 min Scan# 1334
Delta R.T. -0.002 min
Lab File: BG056417.D
Acq: 25 Jan 2023 00:38

Tgt Ion: 136 Resp: 169446
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 2.6 2.2 3.2
68 5.1 3.4 5.0#

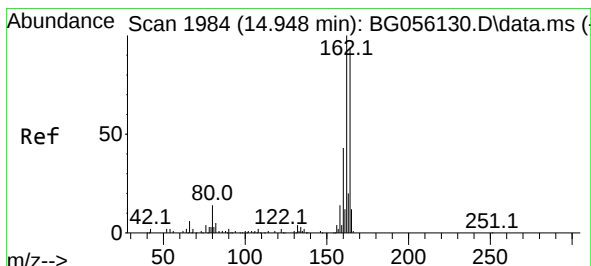
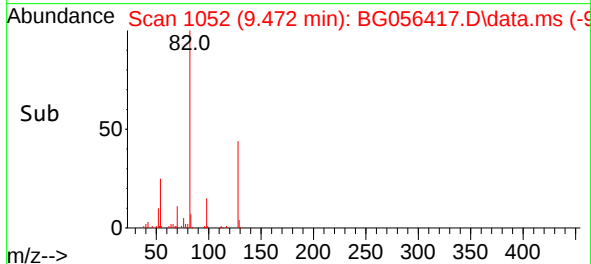
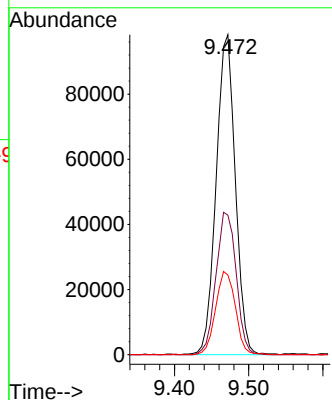
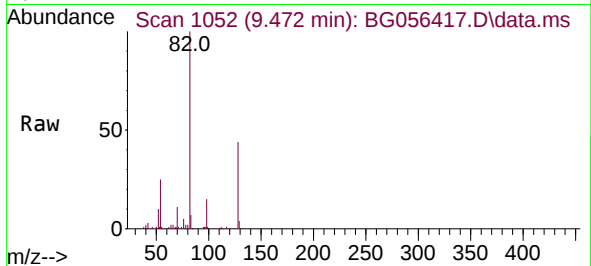




#23
Nitrobenzene-d5
Concen: 53.318 ng
RT: 9.472 min Scan# 1052
Delta R.T. -0.002 min
Lab File: BG056417.D
Acq: 25 Jan 2023 00:38

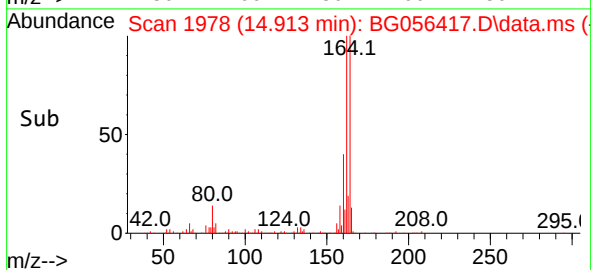
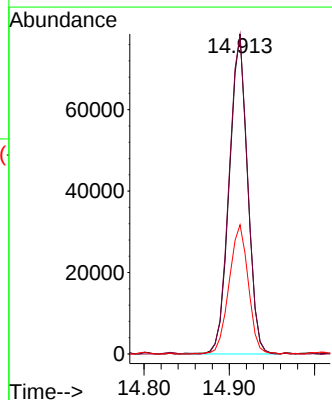
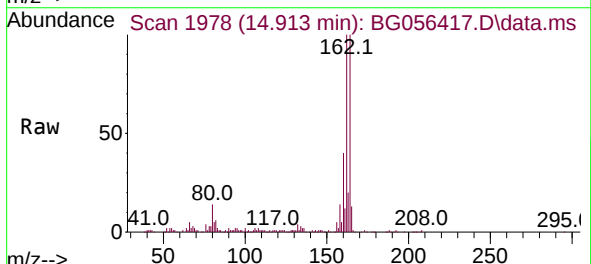
Instrument :
BNA_G
ClientSampleId :
TR-06-012323

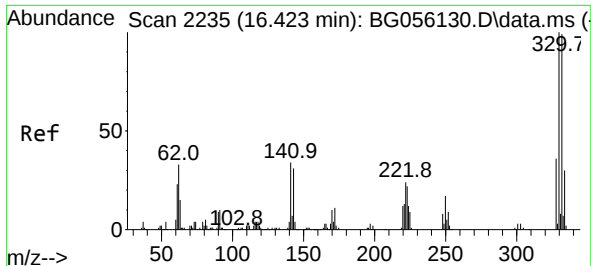
Tgt Ion: 82 Resp: 176621
Ion Ratio Lower Upper
82 100
128 43.6 33.4 50.2
54 24.9 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.913 min Scan# 1978
Delta R.T. -0.002 min
Lab File: BG056417.D
Acq: 25 Jan 2023 00:38

Tgt Ion:164 Resp: 116811
Ion Ratio Lower Upper
164 100
162 99.7 84.7 127.1
160 40.3 36.3 54.5

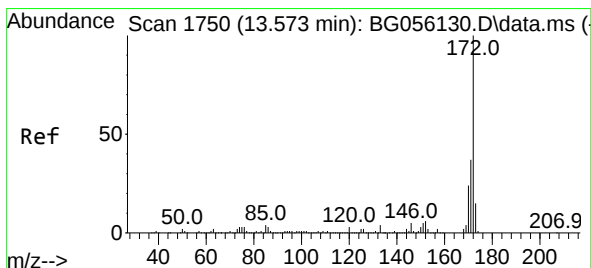
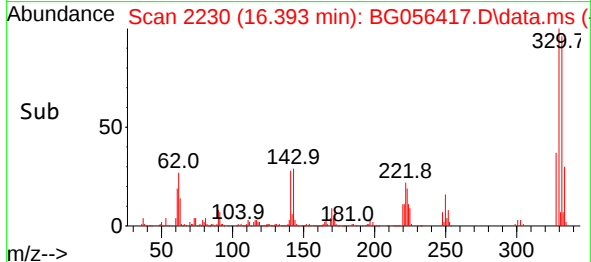
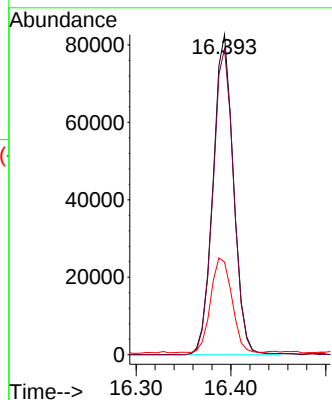
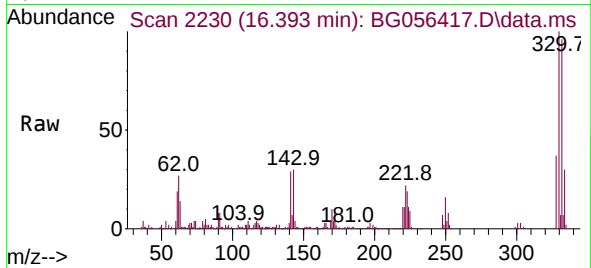




#42
2,4,6-Tribromophenol
Concen: 83.504 ng
RT: 16.393 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056417.D
Acq: 25 Jan 2023 00:38

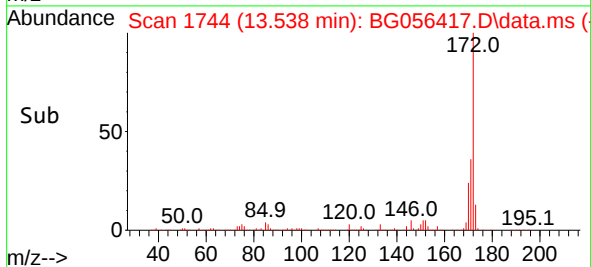
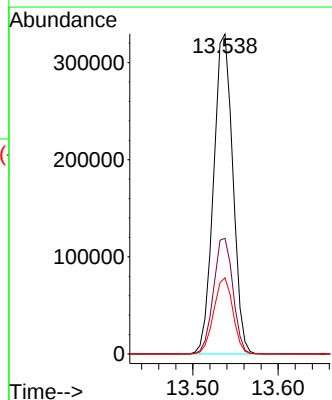
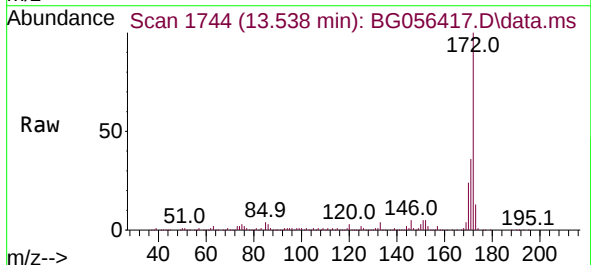
Instrument :
BNA_G
ClientSampleId :
TR-06-012323

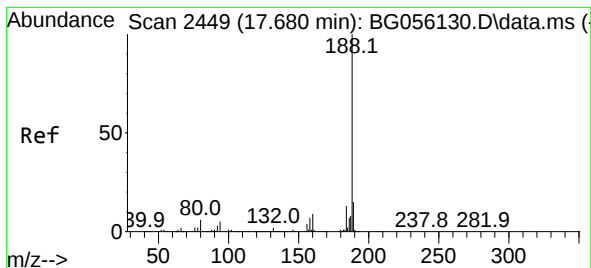
Tgt Ion:330 Resp: 123535
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 30.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 61.131 ng
RT: 13.538 min Scan# 1744
Delta R.T. -0.002 min
Lab File: BG056417.D
Acq: 25 Jan 2023 00:38

Tgt Ion:172 Resp: 517111
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.8 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.645 min Scan# 2443

Delta R.T. -0.008 min

Lab File: BG056417.D

Acq: 25 Jan 2023 00:38

Instrument :

BNA_G

ClientSampleId :

TR-06-012323

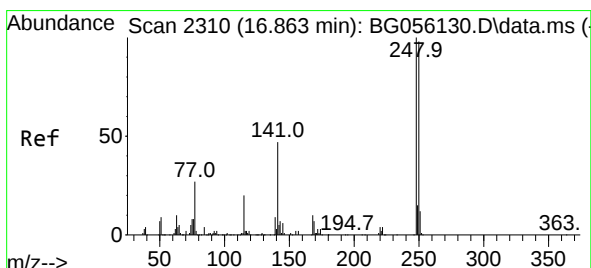
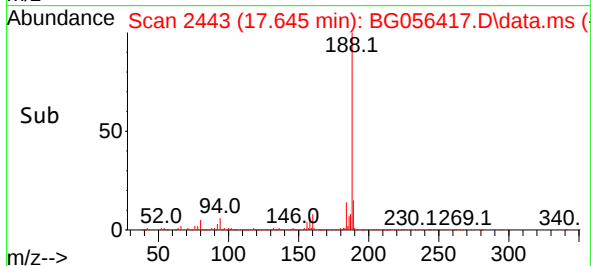
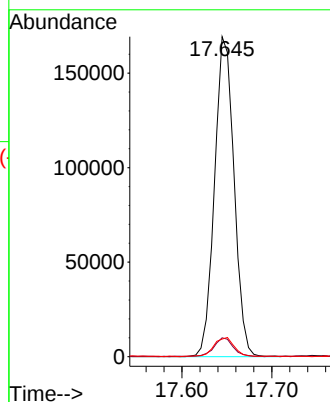
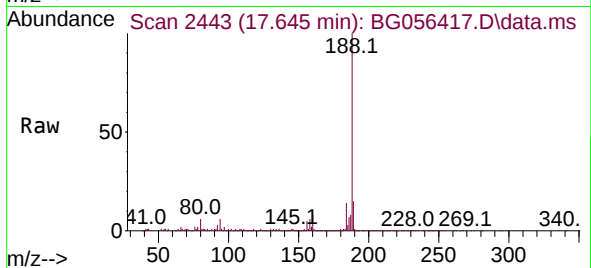
Tgt Ion:188 Resp: 255254

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.2

80 5.5 5.0 7.4



#67

4-Bromophenyl-phenylether

Concen: 3.053 ng

RT: 16.393 min Scan# 2230

Delta R.T. -0.437 min

Lab File: BG056417.D

Acq: 25 Jan 2023 00:38

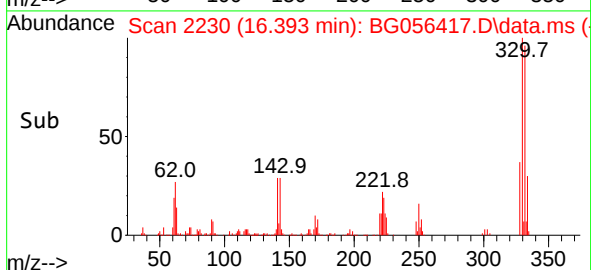
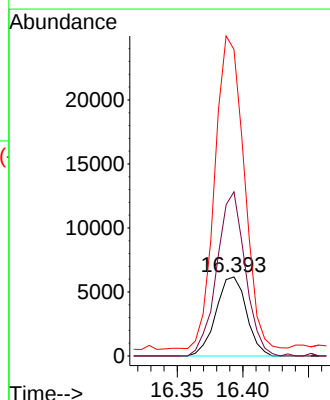
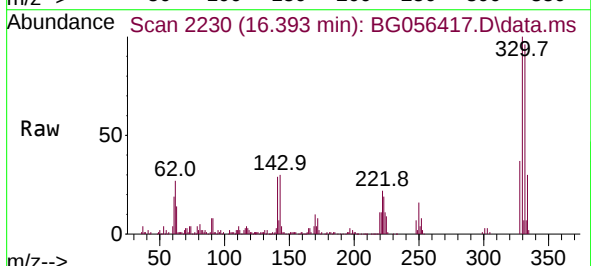
Tgt Ion:248 Resp: 9924

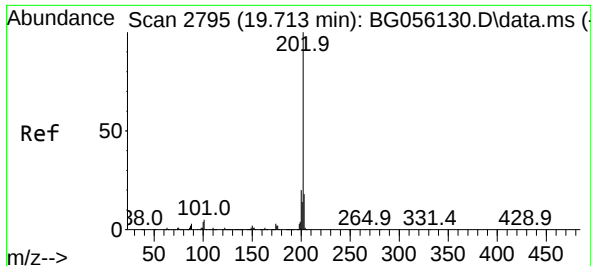
Ion Ratio Lower Upper

248 100

250 207.6 78.2 117.4#

141 387.9 37.6 56.4#

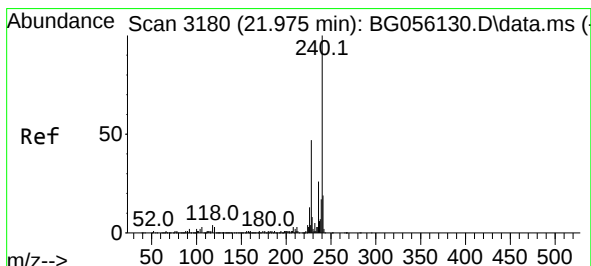
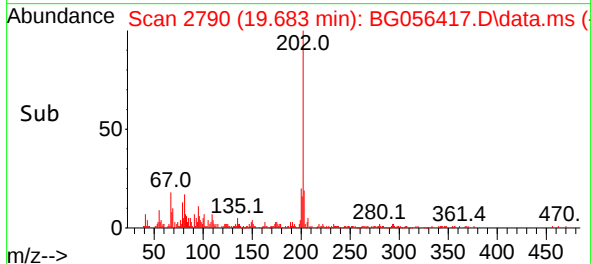
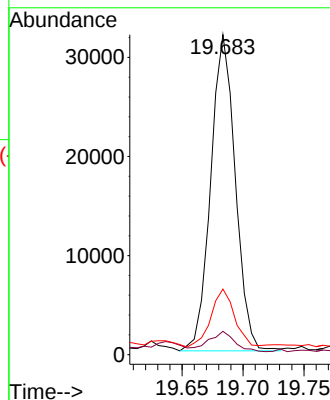
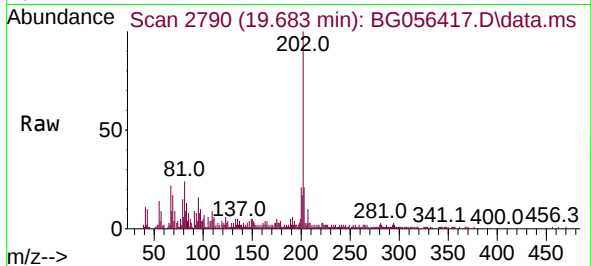




#75
Fluoranthene
Concen: 2.598 ng
RT: 19.683 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056417.D
Acq: 25 Jan 2023 00:38

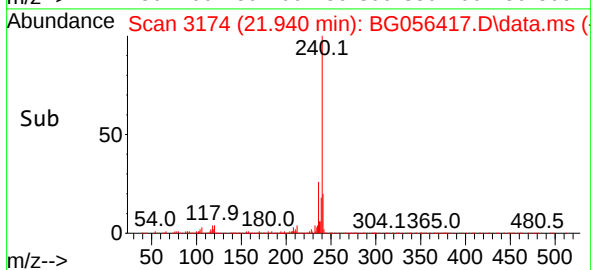
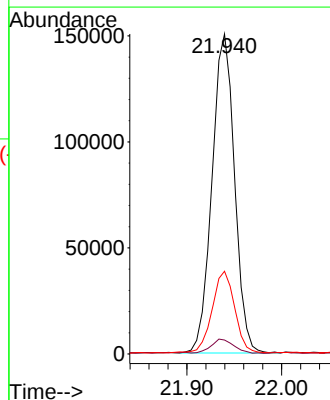
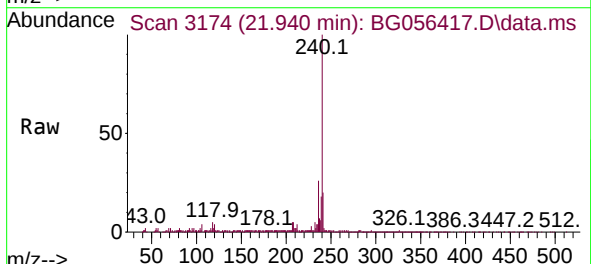
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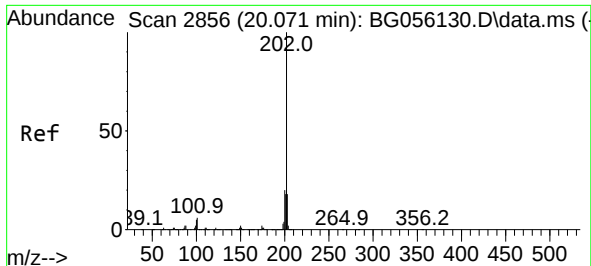
Tgt Ion:202 Resp: 44821
Ion Ratio Lower Upper
202 100
101 7.3 0.0 25.0
203 20.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.940 min Scan# 3174
Delta R.T. -0.002 min
Lab File: BG056417.D
Acq: 25 Jan 2023 00:38

Tgt Ion:240 Resp: 248134
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.8 20.8 31.2

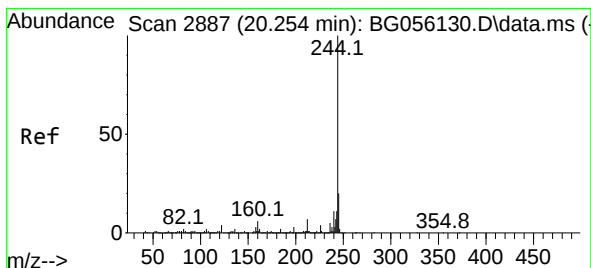
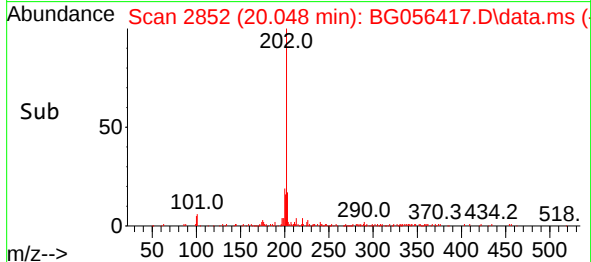
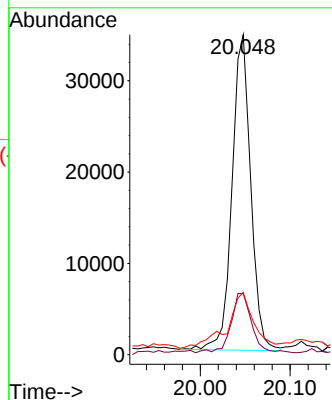
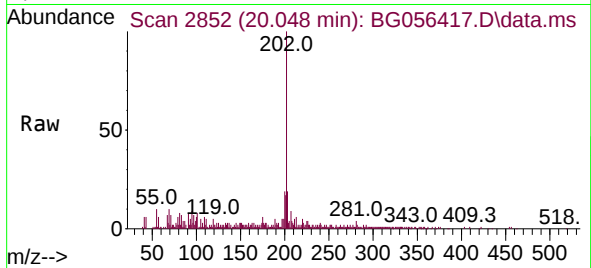




#78
 Pyrene
 Concen: 2.853 ng
 RT: 20.048 min Scan# 2852
 Delta R.T. 0.004 min
 Lab File: BG056417.D
 Acq: 25 Jan 2023 00:38

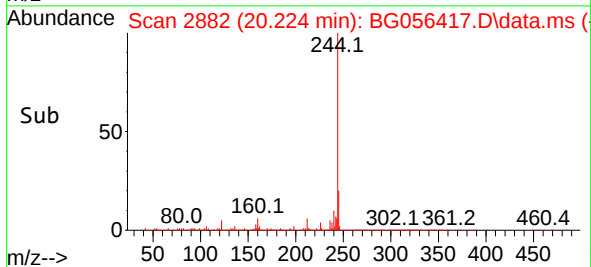
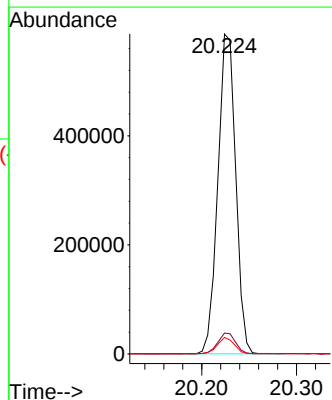
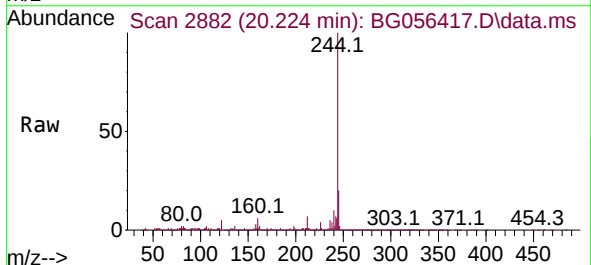
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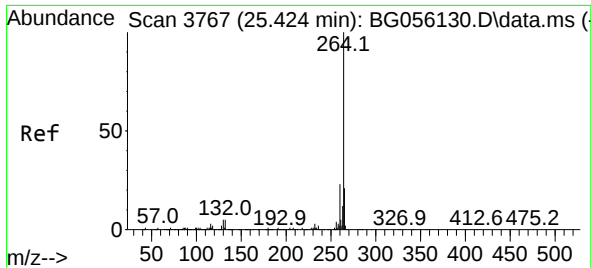
Tgt Ion:202 Resp: 49896
 Ion Ratio Lower Upper
 202 100
 200 19.1 16.4 24.6
 203 19.4 14.3 21.5



#79
 Terphenyl-d14
 Concen: 55.436 ng
 RT: 20.224 min Scan# 2882
 Delta R.T. -0.002 min
 Lab File: BG056417.D
 Acq: 25 Jan 2023 00:38

Tgt Ion:244 Resp: 768020
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 5.2 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.371 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: BG056417.D
 Acq: 25 Jan 2023 00:38

Instrument :
 BNA_G
 ClientSampleId :
 TR-06-012323

Tgt Ion:264 Resp: 263830
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 21.6 16.7 25.1

