

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056303.D
 Acq On : 16 Jan 2023 19:32
 Operator : CG/JU
 Sample : 01132-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Quant Time: Jan 17 05:26:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.316	152	38318	20.000	ng	0.00
21) Naphthalene-d8	11.148	136	135668	20.000	ng	# 0.00
39) Acenaphthene-d10	14.926	164	104490	20.000	ng	0.00
64) Phenanthrene-d10	17.664	188	271505	20.000	ng	0.00
76) Chrysene-d12	21.959	240	274842	20.000	ng	0.00
86) Perylene-d12	25.402	264	288210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	372777	173.702	ng	0.01
7) Phenol-d6	7.453	99	479808	145.584	ng	0.00
23) Nitrobenzene-d5	9.491	82	299611	112.964	ng	0.00
42) 2,4,6-Tribromophenol	16.407	330	234471	177.180	ng	0.00
45) 2-Fluorobiphenyl	13.557	172	868996	114.843	ng	0.00
79) Terphenyl-d14	20.238	244	1877509	122.351	ng	0.00

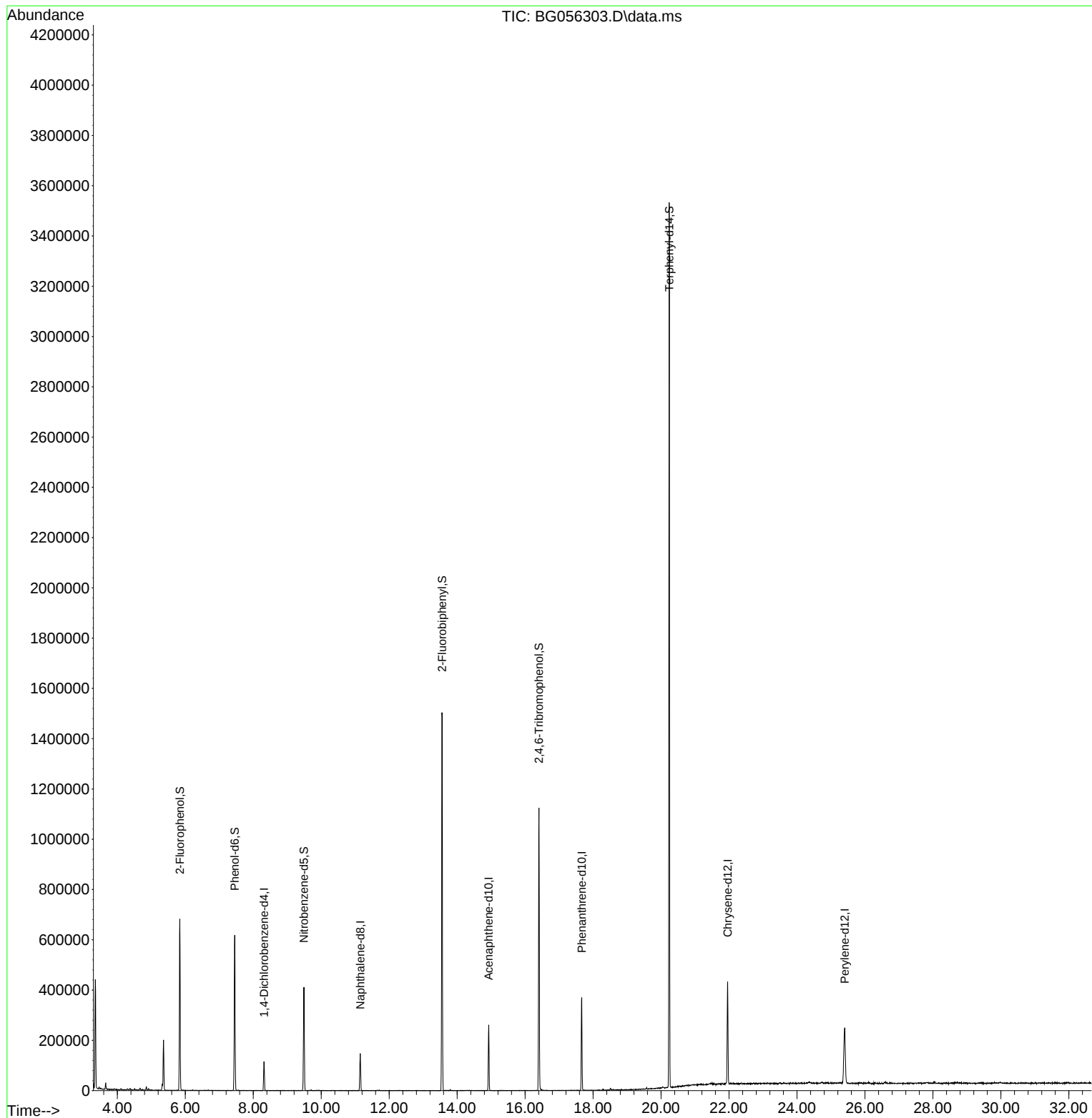
Target Compounds	Qvalue

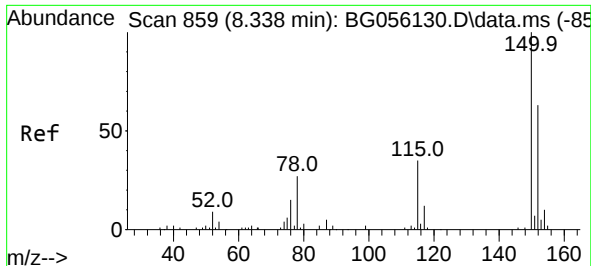
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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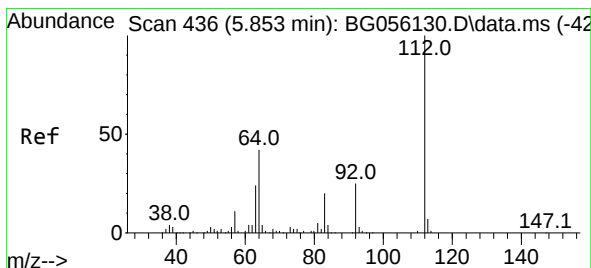
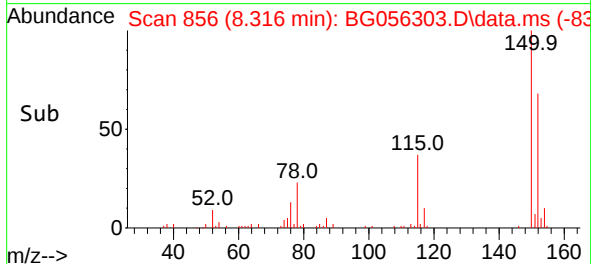
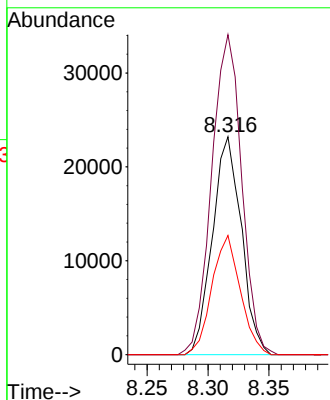
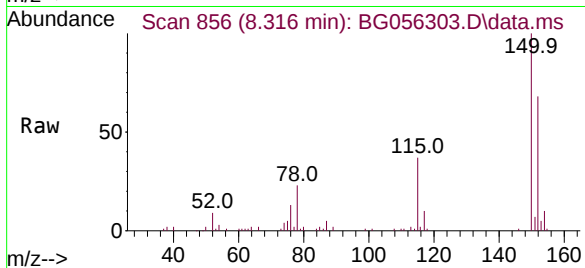




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.316 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

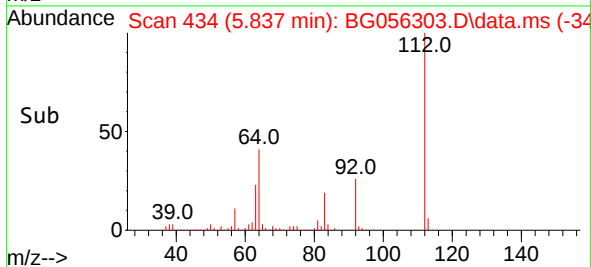
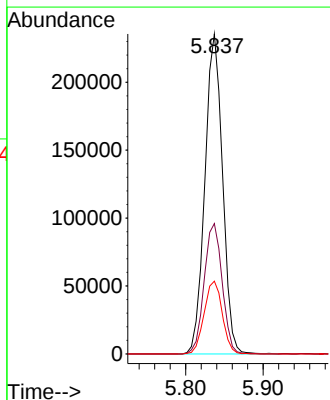
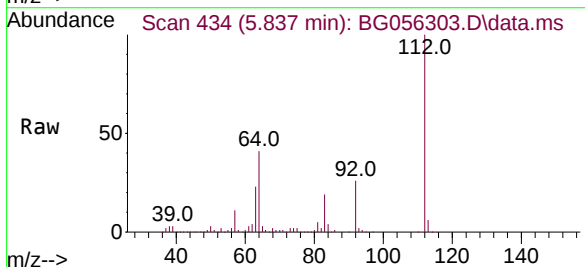
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

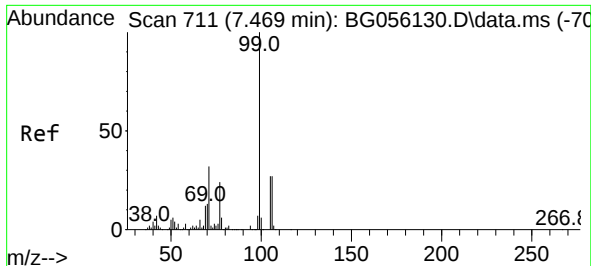
Tgt Ion:152 Resp: 38318
Ion Ratio Lower Upper
152 100
150 146.9 127.9 191.9
115 54.7 44.2 66.2



#5
2-Fluorophenol
Concen: 173.702 ng
RT: 5.837 min Scan# 434
Delta R.T. 0.011 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

Tgt Ion:112 Resp: 372777
Ion Ratio Lower Upper
112 100
64 40.7 33.3 49.9
63 22.7 19.0 28.4

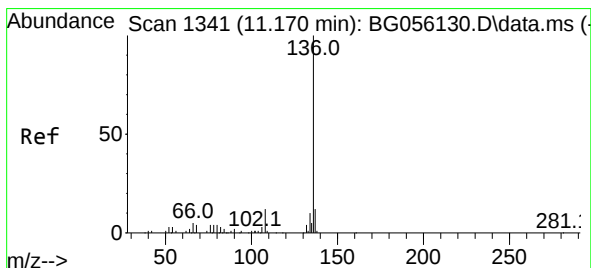
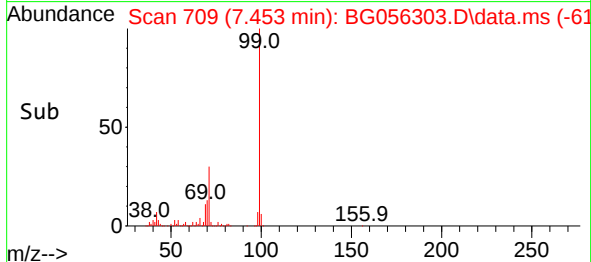
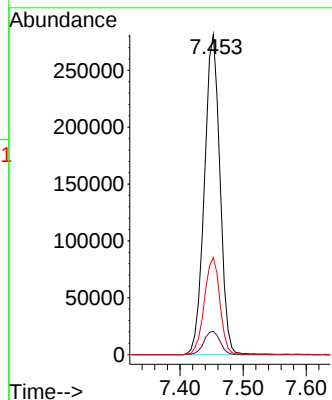
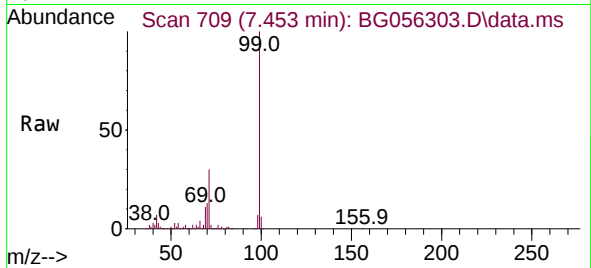




#7
Phenol-d6
Concen: 145.584 ng
RT: 7.453 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

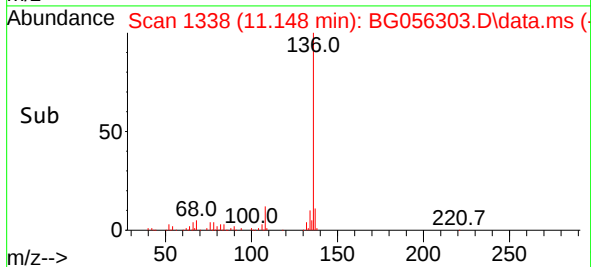
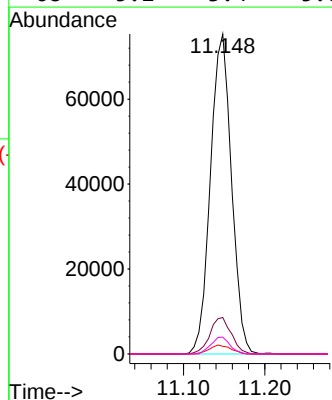
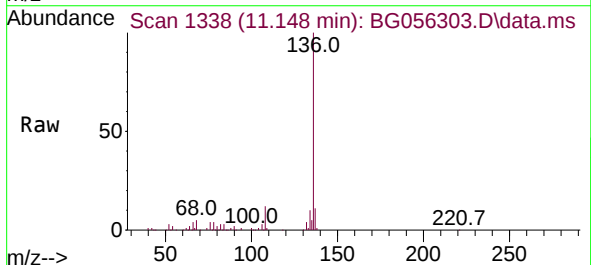
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

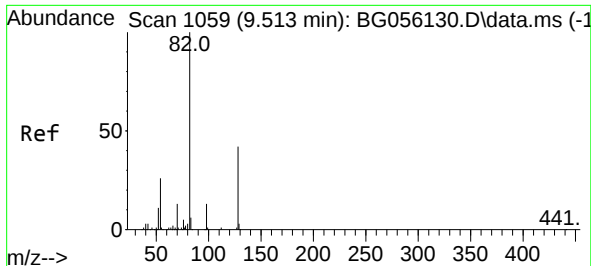
Tgt Ion: 99 Resp: 479808
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 30.3 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.148 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

Tgt Ion: 136 Resp: 135668
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 2.4 2.2 3.2
68 5.2 3.4 5.0#

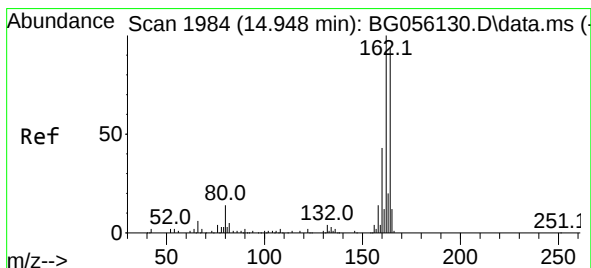
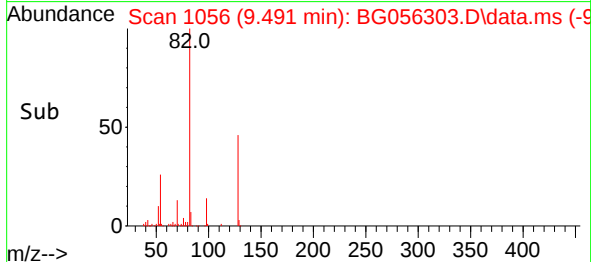
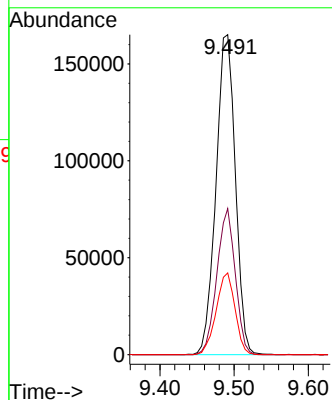
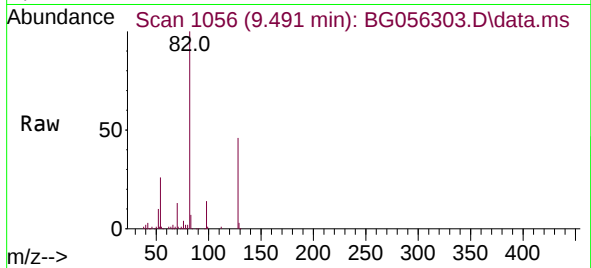




#23
Nitrobenzene-d5
Concen: 112.964 ng
RT: 9.491 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

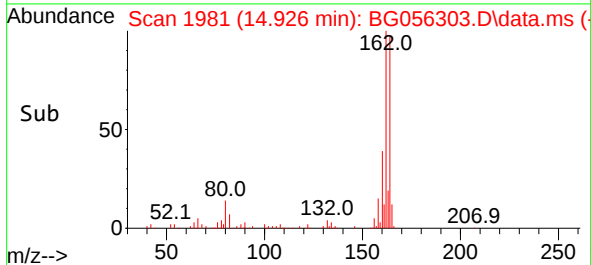
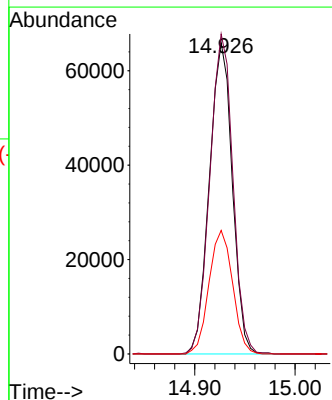
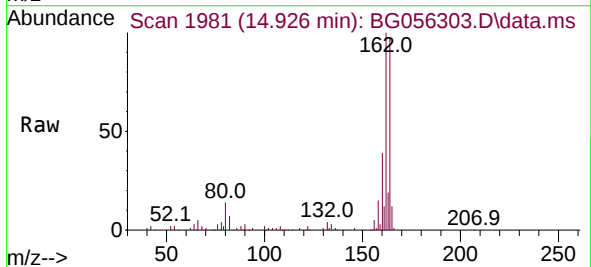
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

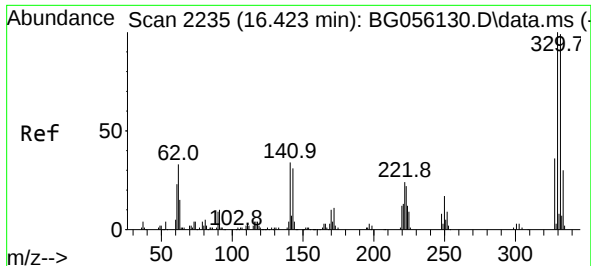
Tgt Ion: 82 Resp: 299611
Ion Ratio Lower Upper
82 100
128 45.6 33.4 50.2
54 25.5 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.926 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

Tgt Ion:164 Resp: 104490
Ion Ratio Lower Upper
164 100
162 102.9 84.7 127.1
160 39.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 177.180 ng

RT: 16.407 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG056303.D

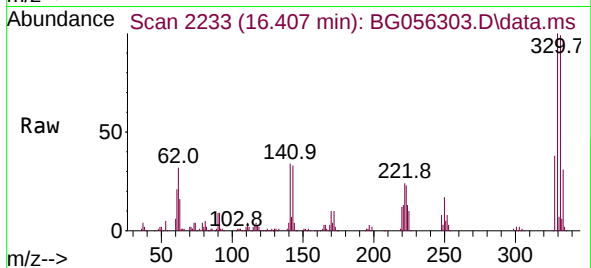
Acq: 16 Jan 2023 19:32

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1



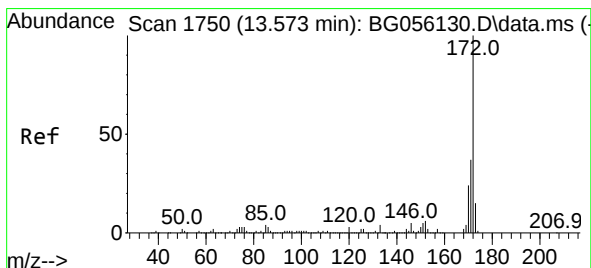
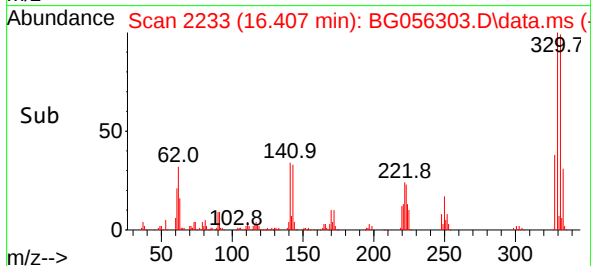
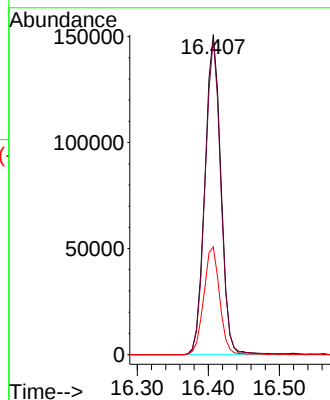
Tgt Ion:330 Resp: 234471

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 33.5 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 114.843 ng

RT: 13.557 min Scan# 1748

Delta R.T. -0.000 min

Lab File: BG056303.D

Acq: 16 Jan 2023 19:32

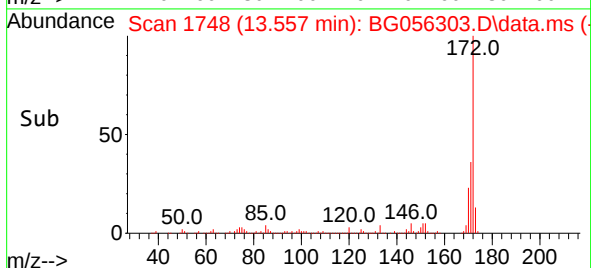
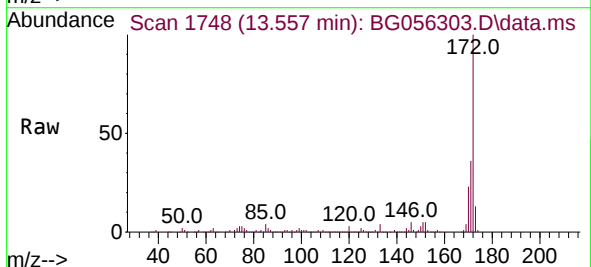
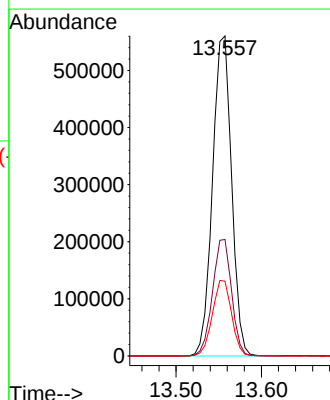
Tgt Ion:172 Resp: 868996

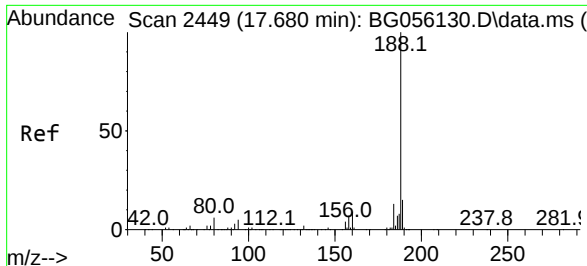
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 23.3 19.4 29.2

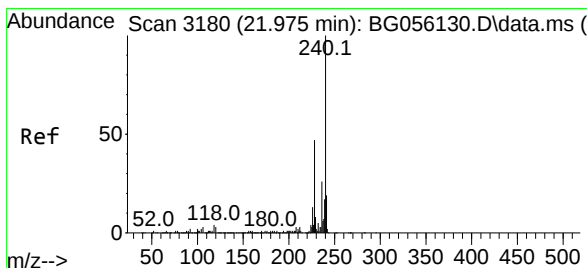
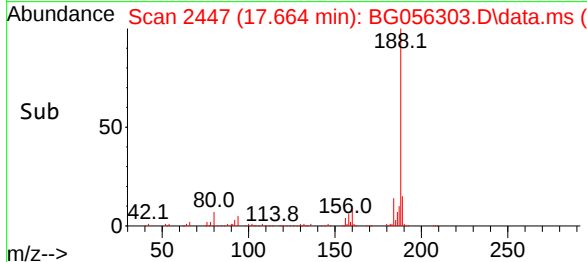
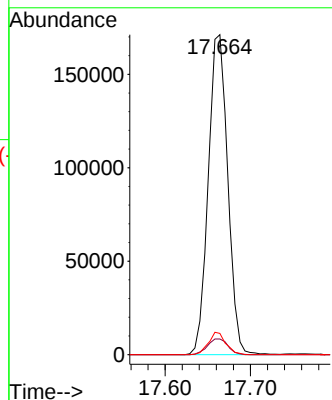
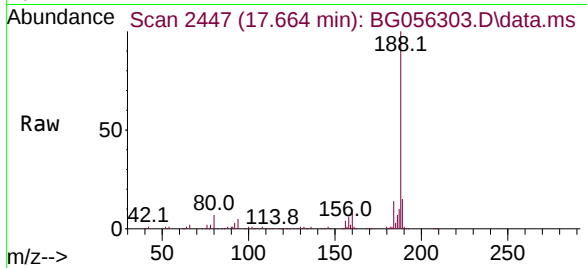




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.664 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

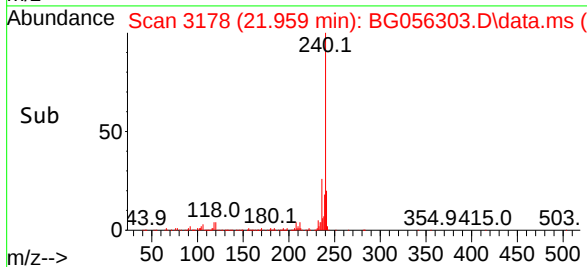
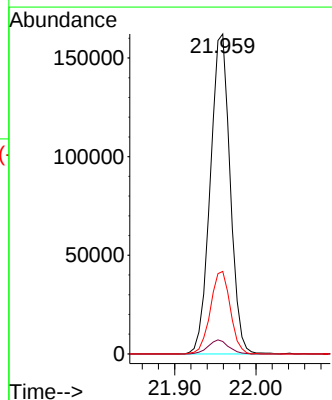
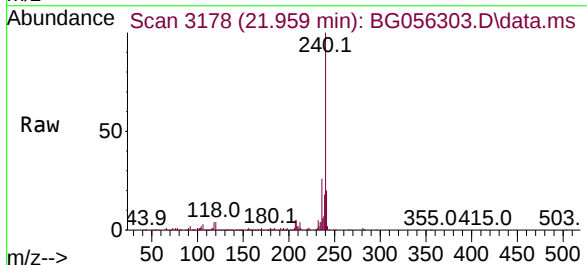
Instrument :
BNA_G
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COMPOSITE-1

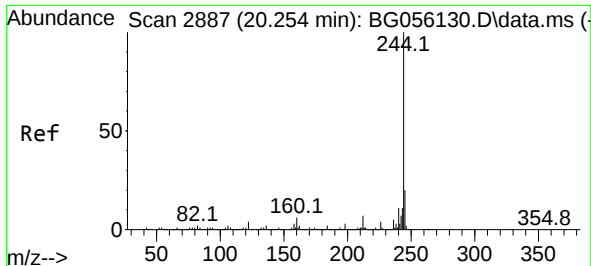
Tgt Ion:188 Resp: 271505
Ion Ratio Lower Upper
188 100
94 4.9 4.2 6.2
80 6.6 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.959 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BG056303.D
Acq: 16 Jan 2023 19:32

Tgt Ion:240 Resp: 274842
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 25.8 20.8 31.2

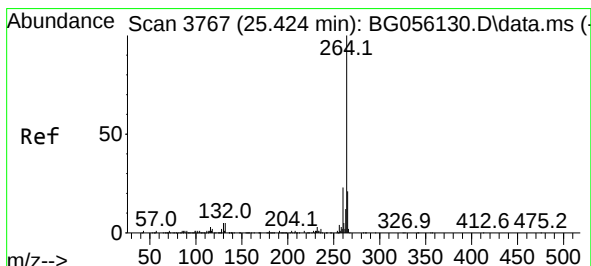
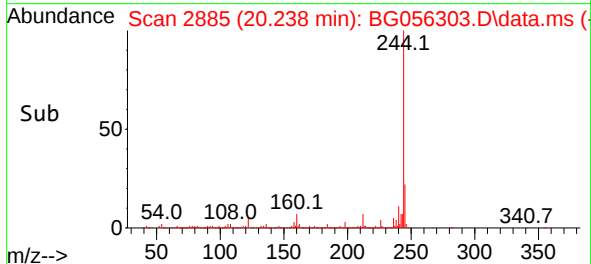
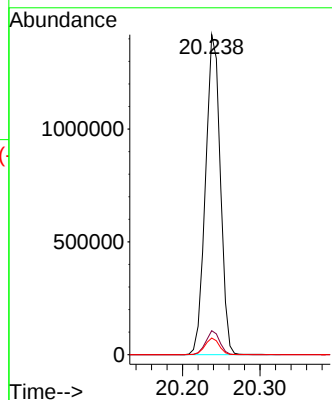
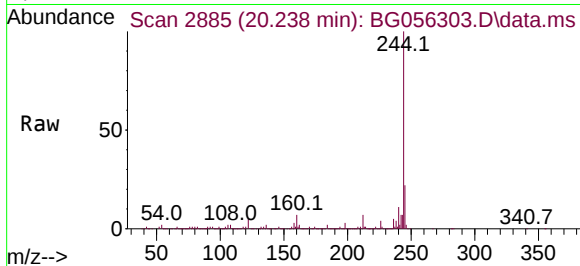




#79
 Terphenyl-d14
 Concen: 122.351 ng
 RT: 20.238 min Scan# 2885
 Delta R.T. -0.000 min
 Lab File: BG056303.D
 Acq: 16 Jan 2023 19:32

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Tgt Ion:244 Resp: 1877509
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.402 min Scan# 3764
 Delta R.T. -0.000 min
 Lab File: BG056303.D
 Acq: 16 Jan 2023 19:32

Tgt Ion:264 Resp: 288210
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.6 28.0
 265 23.4 16.7 25.1

