

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056304.D
 Acq On : 16 Jan 2023 20:13
 Operator : CG/JU
 Sample : 01133-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-2

Quant Time: Jan 17 05:27:06 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	8.317	152	45531	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	160641	20.000	ng	# 0.00
39) Acenaphthene-d10	14.927	164	122750	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	327134	20.000	ng	0.00
76) Chrysene-d12	21.954	240	328351	20.000	ng	# 0.00
86) Perylene-d12	25.409	264	355391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	402931	158.009	ng	0.01
7) Phenol-d6	7.453	99	518215	132.328	ng	0.00
23) Nitrobenzene-d5	9.486	82	314647	100.190	ng	0.00
42) 2,4,6-Tribromophenol	16.407	330	252993	162.737	ng	0.00
45) 2-Fluorobiphenyl	13.552	172	925771	104.146	ng	0.00
79) Terphenyl-d14	20.238	244	1889850	103.085	ng	0.00

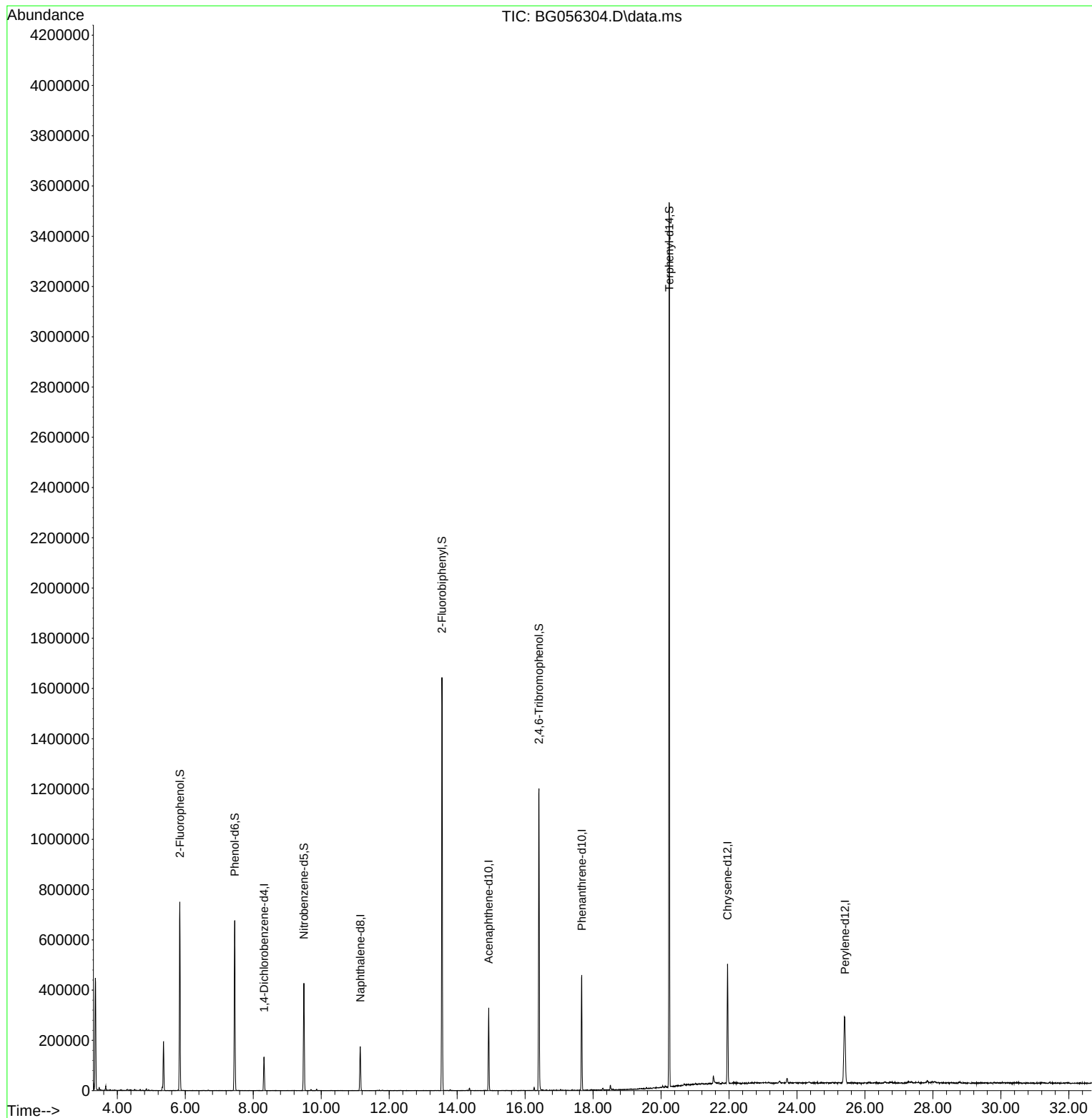
Target Compounds Qvalue

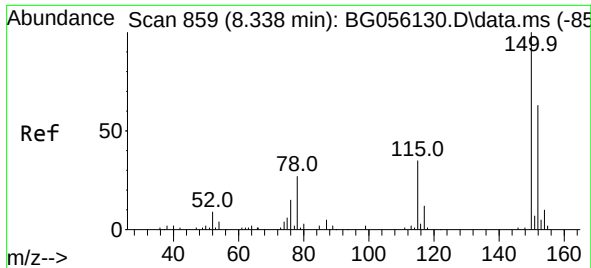
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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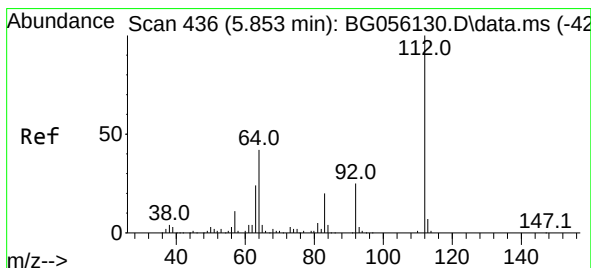
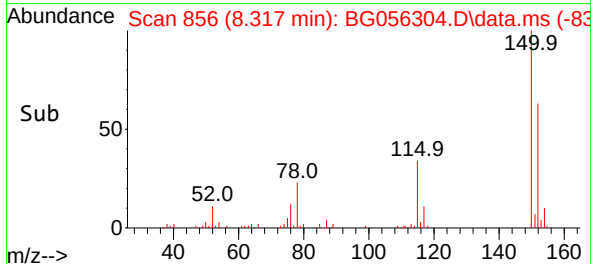
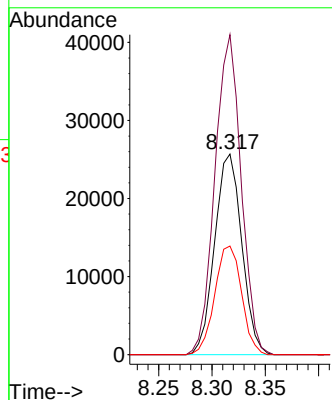
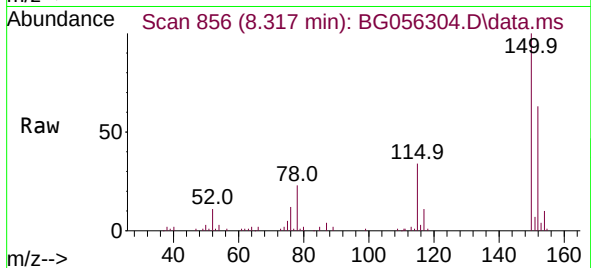




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056304.D
Acq: 16 Jan 2023 20:13

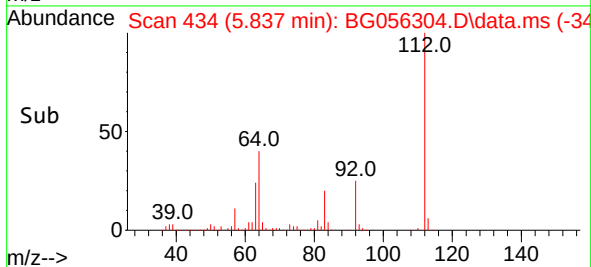
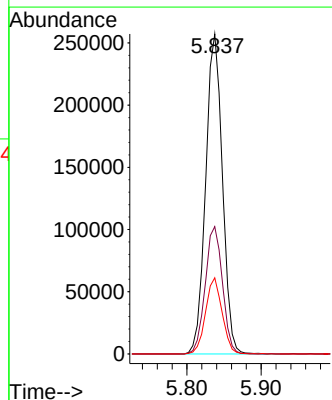
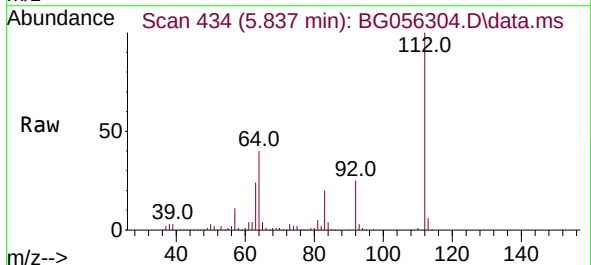
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-2

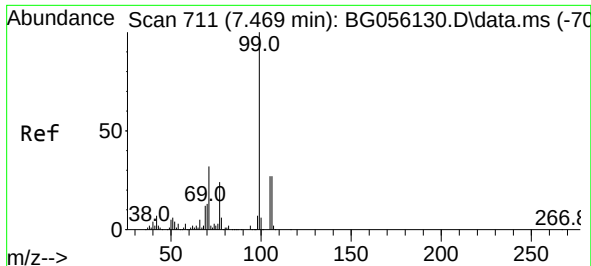
Tgt Ion:152 Resp: 45531
Ion Ratio Lower Upper
152 100
150 159.6 127.9 191.9
115 54.1 44.2 66.2



#5
2-Fluorophenol
Concen: 158.009 ng
RT: 5.837 min Scan# 434
Delta R.T. 0.012 min
Lab File: BG056304.D
Acq: 16 Jan 2023 20:13

Tgt Ion:112 Resp: 402931
Ion Ratio Lower Upper
112 100
64 39.8 33.3 49.9
63 23.8 19.0 28.4

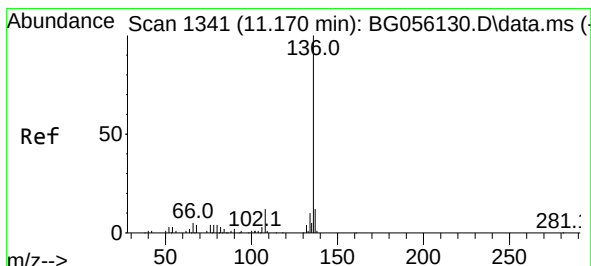
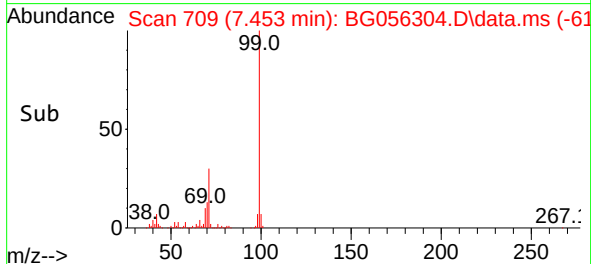
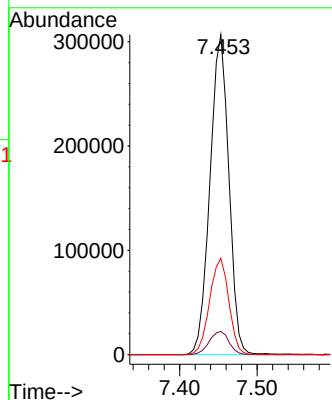
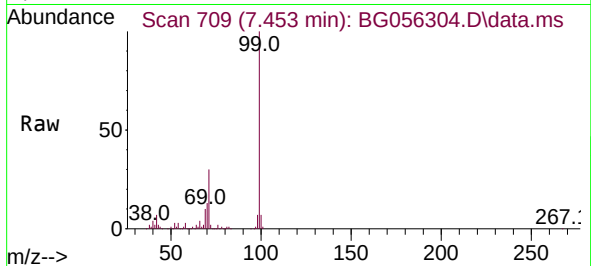




#7
Phenol-d6
Concen: 132.328 ng
RT: 7.453 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG056304.D
Acq: 16 Jan 2023 20:13

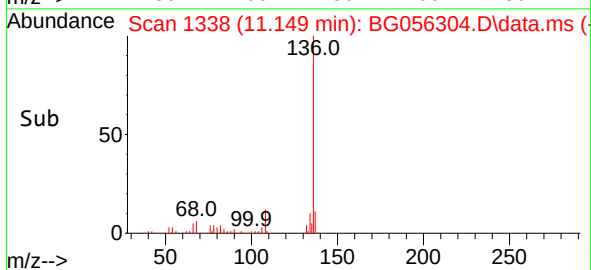
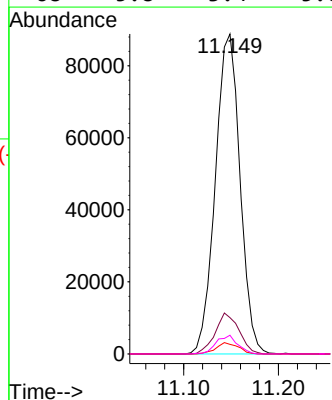
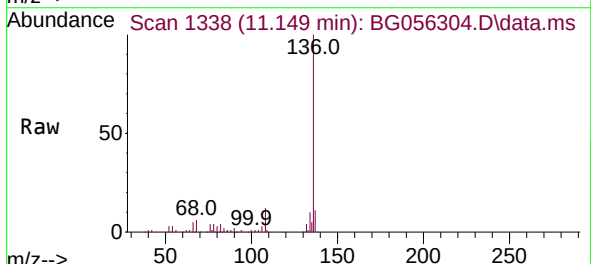
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-2

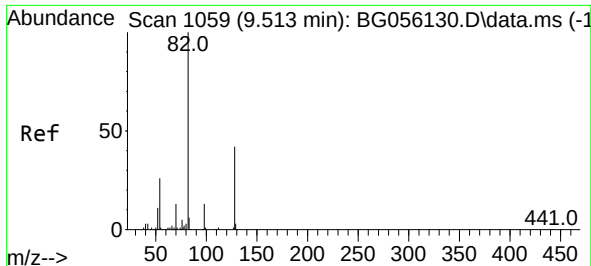
Tgt Ion: 99 Resp: 518215
Ion Ratio Lower Upper
99 100
42 7.2 5.9 8.9
71 30.1 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BG056304.D
Acq: 16 Jan 2023 20:13

Tgt Ion: 136 Resp: 160641
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 3.0 2.2 3.2
68 5.8 3.4 5.0#





#23

Nitrobenzene-d5

Concen: 100.190 ng

RT: 9.486 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BG056304.D

Acq: 16 Jan 2023 20:13

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-2

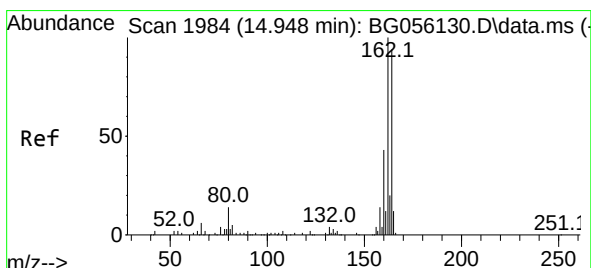
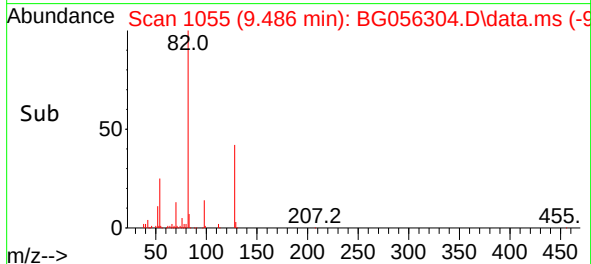
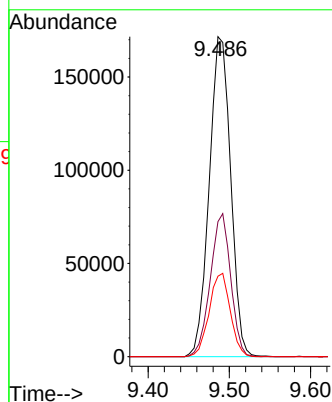
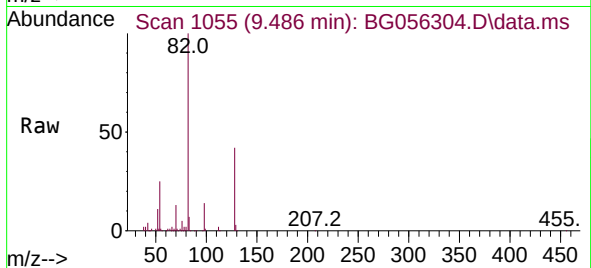
Tgt Ion: 82 Resp: 314647

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.2

54 25.1 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.927 min Scan# 1981

Delta R.T. 0.000 min

Lab File: BG056304.D

Acq: 16 Jan 2023 20:13

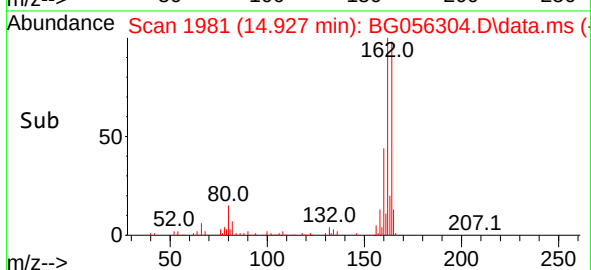
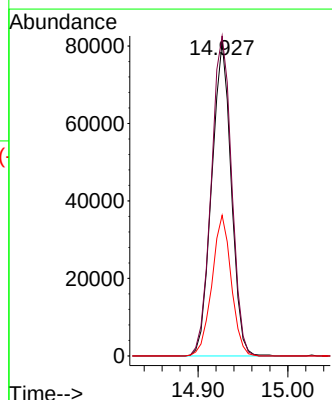
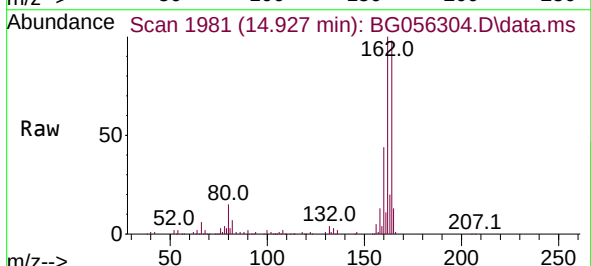
Tgt Ion: 164 Resp: 122750

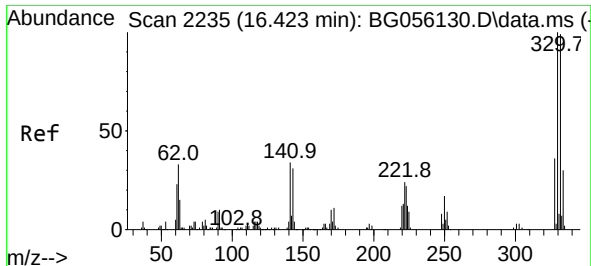
Ion Ratio Lower Upper

164 100

162 101.9 84.7 127.1

160 44.7 36.3 54.5

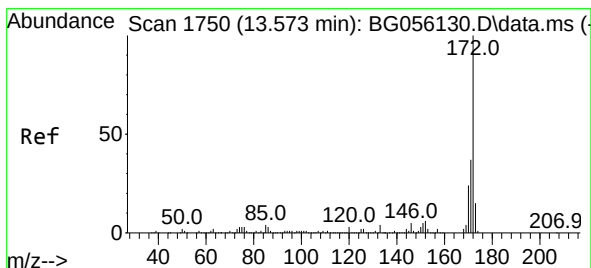
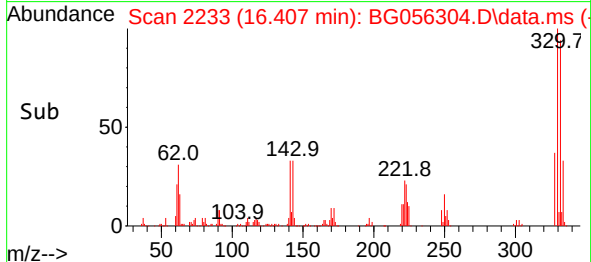
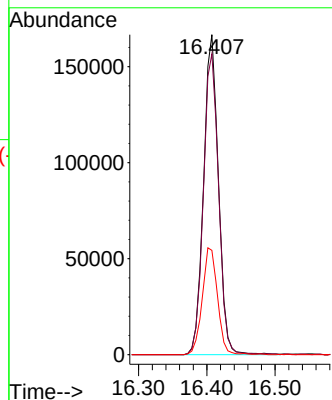
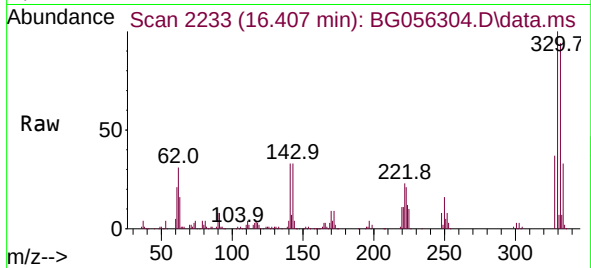




#42
2,4,6-Tribromophenol
Concen: 162.737 ng
RT: 16.407 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056304.D
Acq: 16 Jan 2023 20:13

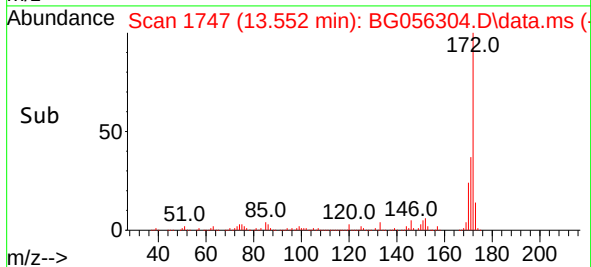
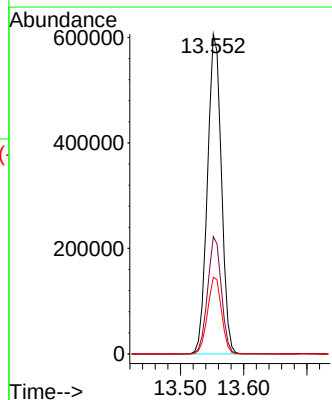
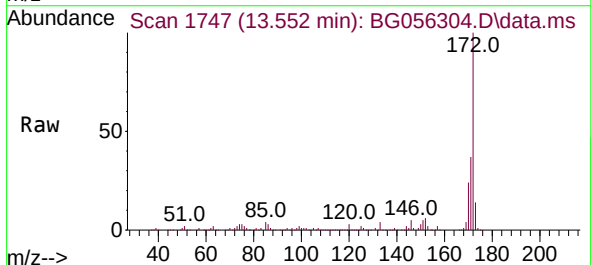
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-2

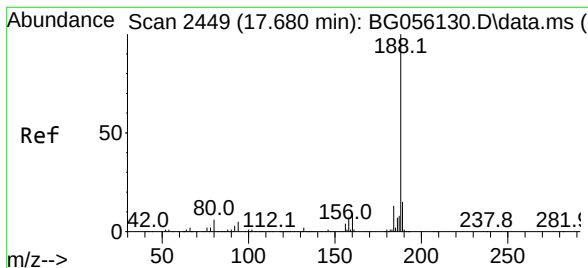
Tgt Ion:330 Resp: 252993
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 34.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 104.146 ng
RT: 13.552 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BG056304.D
Acq: 16 Jan 2023 20:13

Tgt Ion:172 Resp: 925771
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.665 min Scan# 2447

Delta R.T. 0.000 min

Lab File: BG056304.D

Acq: 16 Jan 2023 20:13

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-2

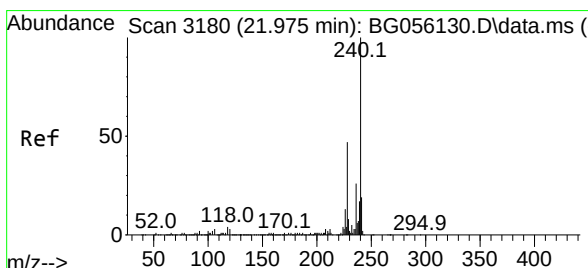
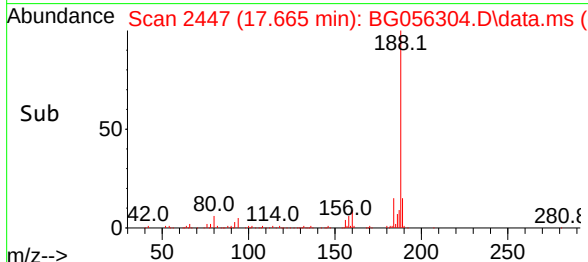
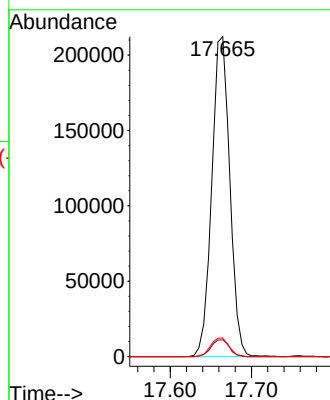
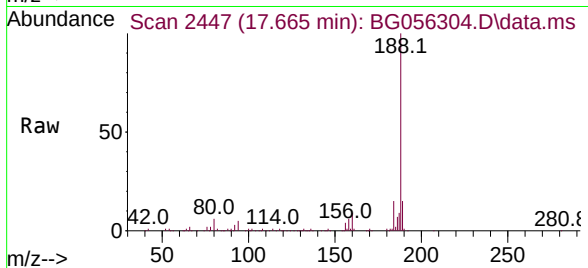
Tgt Ion:188 Resp: 327134

Ion Ratio Lower Upper

188 100

94 5.2 4.2 6.2

80 5.8 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.954 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BG056304.D

Acq: 16 Jan 2023 20:13

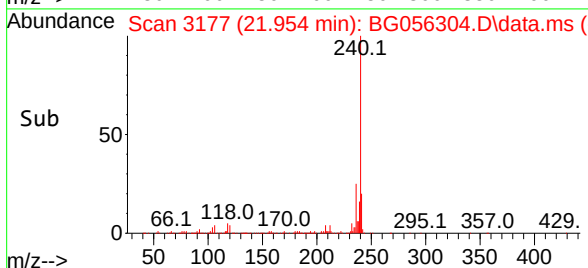
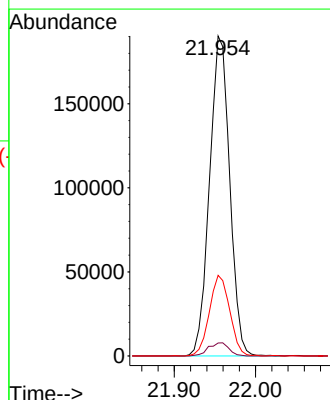
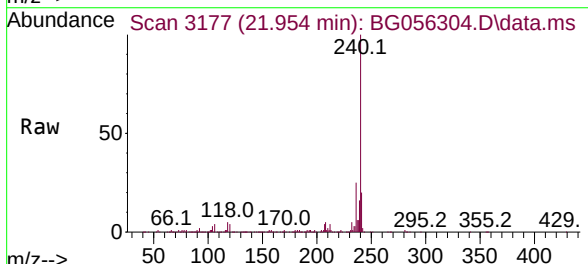
Tgt Ion:240 Resp: 328351

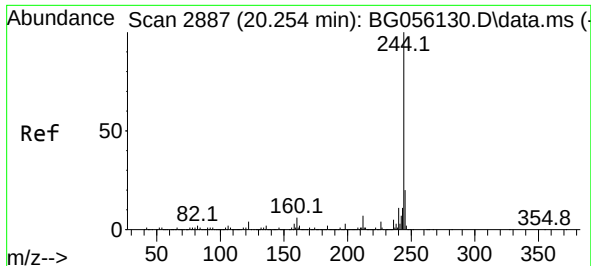
Ion Ratio Lower Upper

240 100

120 4.0 2.6 4.0#

236 25.2 20.8 31.2

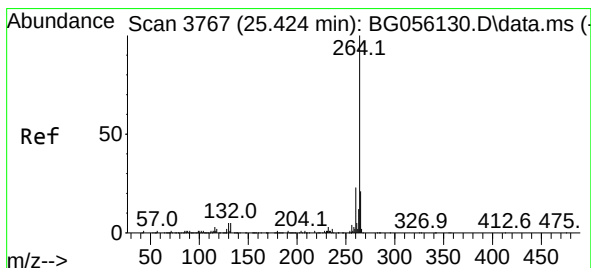
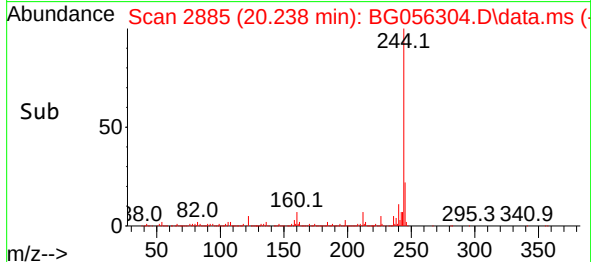
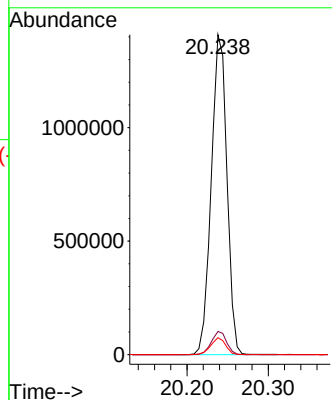
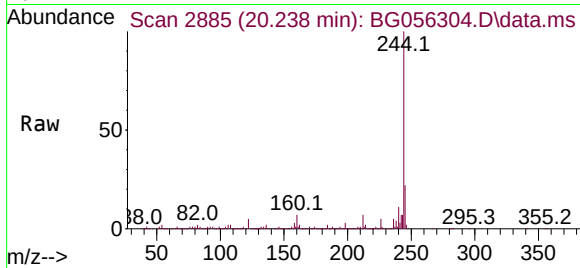




#79
 Terphenyl-d14
 Concen: 103.085 ng
 RT: 20.238 min Scan# 2885
 Delta R.T. 0.000 min
 Lab File: BG056304.D
 Acq: 16 Jan 2023 20:13

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-2

Tgt Ion:244 Resp: 1889850
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 5.3 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.409 min Scan# 3765
 Delta R.T. 0.006 min
 Lab File: BG056304.D
 Acq: 16 Jan 2023 20:13

Tgt Ion:264 Resp: 355391
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.5 16.7 25.1

