

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056300.D
 Acq On : 16 Jan 2023 17:28
 Operator : CG/JU
 Sample : 01133-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Quant Time: Jan 17 05:26:15 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	39923	20.000	ng	0.00
21) Naphthalene-d8	11.148	136	148888	20.000	ng	# 0.00
39) Acenaphthene-d10	14.926	164	118404	20.000	ng	0.00
64) Phenanthrene-d10	17.664	188	303282	20.000	ng	0.00
76) Chrysene-d12	21.959	240	304367	20.000	ng	# 0.00
86) Perylene-d12	25.402	264	337587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	288441	129.001	ng	0.00
7) Phenol-d6	7.447	99	401465	116.916	ng	0.00
23) Nitrobenzene-d5	9.486	82	214029	73.531	ng	0.00
42) 2,4,6-Tribromophenol	16.407	330	173778	115.885	ng	0.00
45) 2-Fluorobiphenyl	13.551	172	578805	67.504	ng	0.00
79) Terphenyl-d14	20.238	244	1174949	69.140	ng	0.00

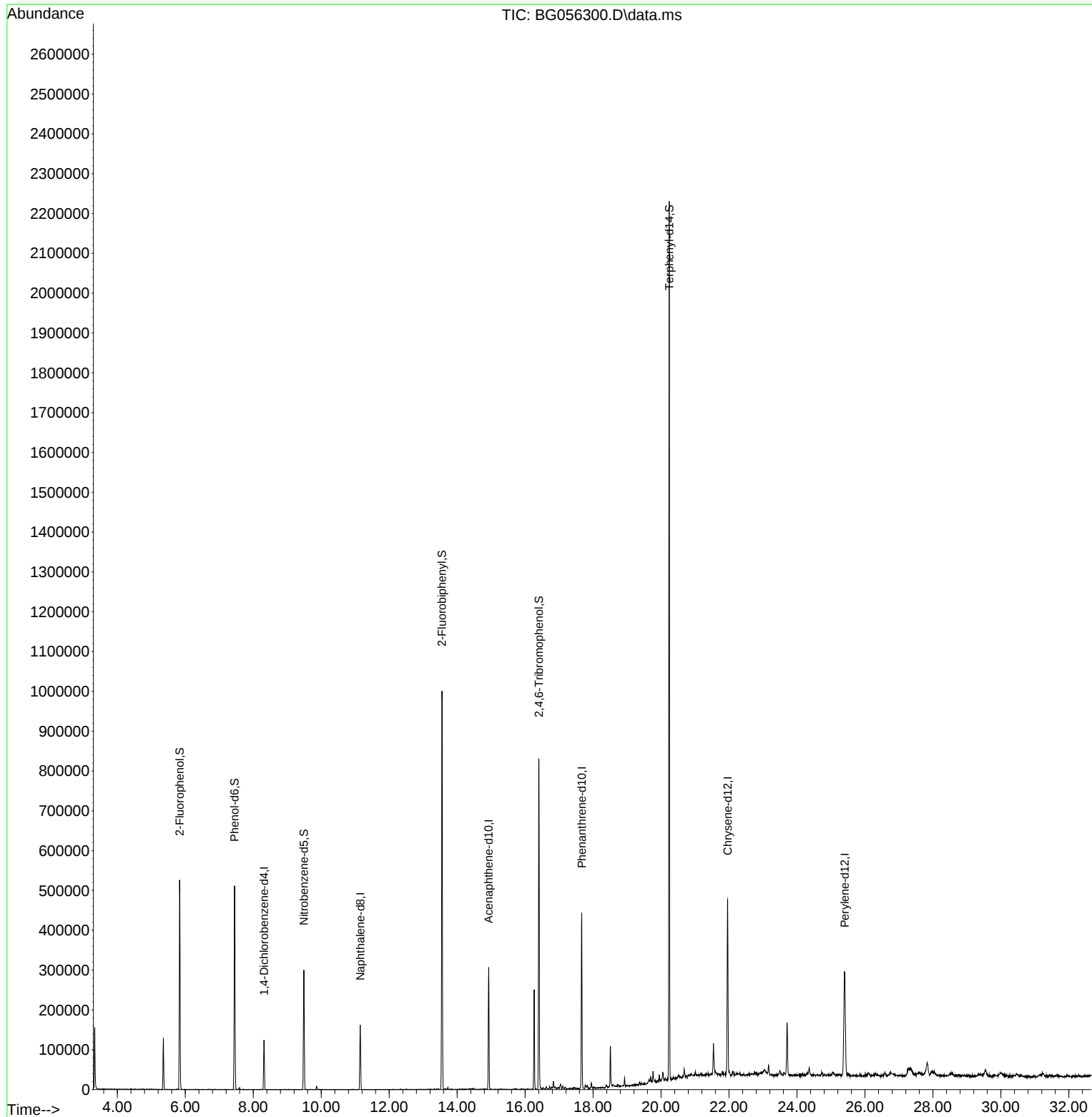
Target Compounds Qvalue

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

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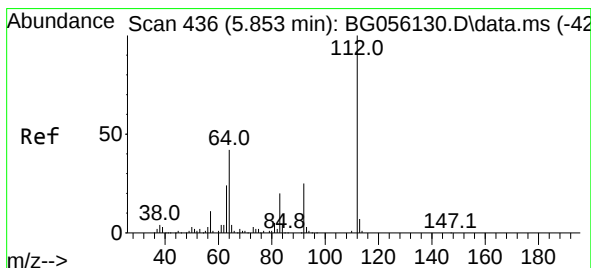
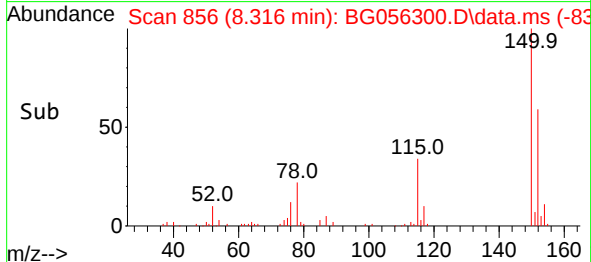
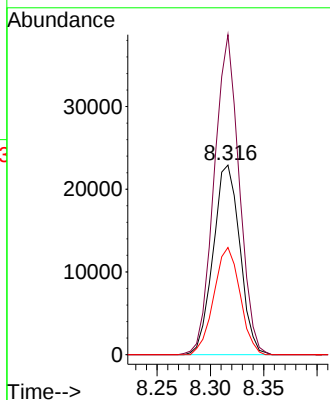
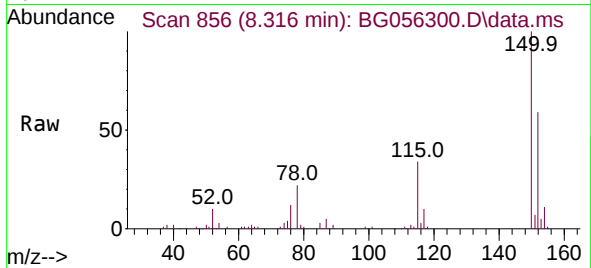




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.316 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

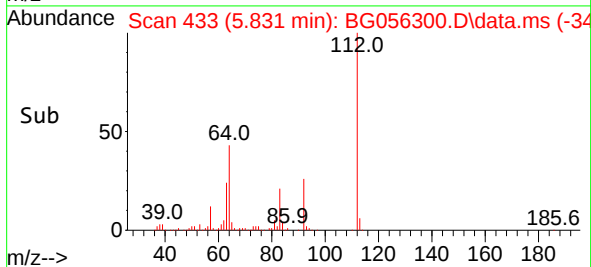
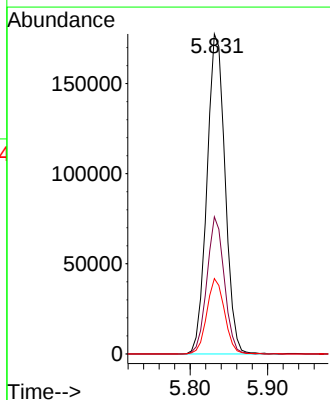
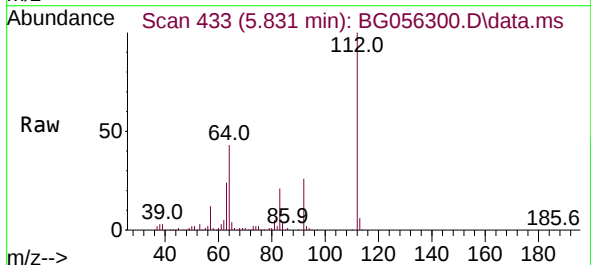
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

Tgt Ion:152 Resp: 39923
Ion Ratio Lower Upper
152 100
150 168.9 127.9 191.9
115 56.6 44.2 66.2



#5
2-Fluorophenol
Concen: 129.001 ng
RT: 5.831 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

Tgt Ion:112 Resp: 288441
Ion Ratio Lower Upper
112 100
64 42.8 33.3 49.9
63 23.5 19.0 28.4

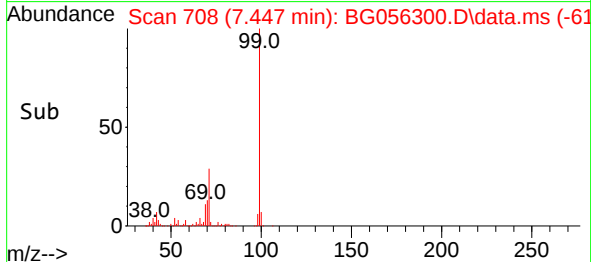
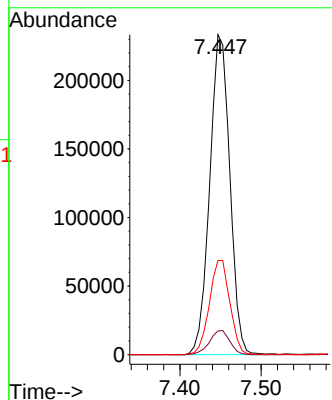
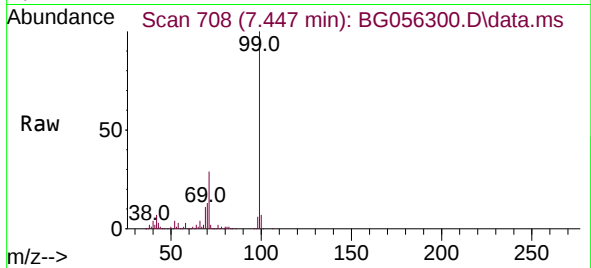




#7
Phenol-d6
Concen: 116.916 ng
RT: 7.447 min Scan# 70
Delta R.T. -0.000 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

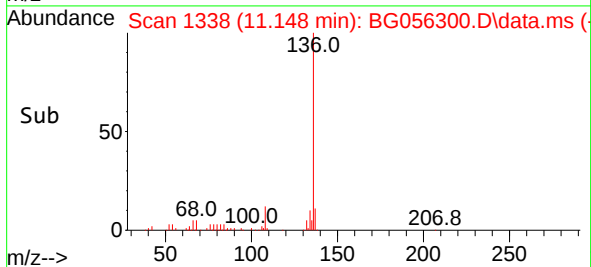
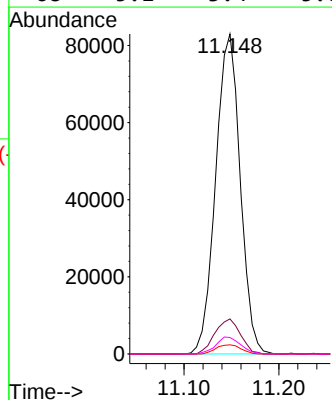
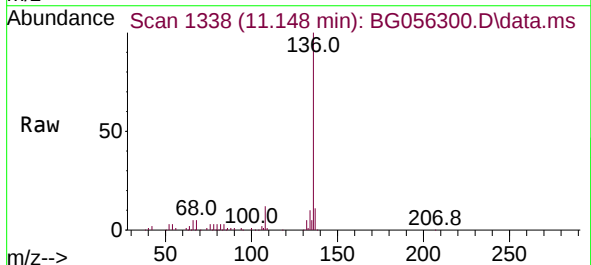
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

Tgt Ion: 99 Resp: 401465
Ion Ratio Lower Upper
99 100
42 7.4 5.9 8.9
71 29.4 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: BG056300.D
Acq: 16 Jan 2023 17:28

Tgt Ion: 136 Resp: 148888
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.9 2.2 3.2
68 5.1 3.4 5.0#

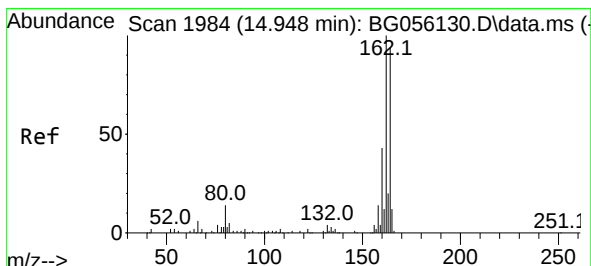
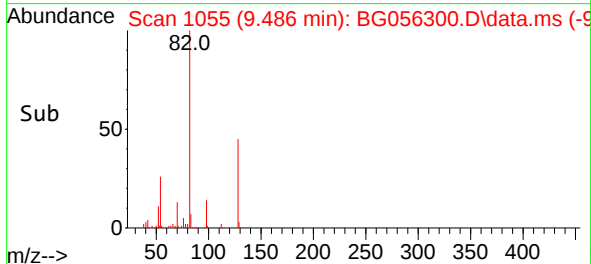
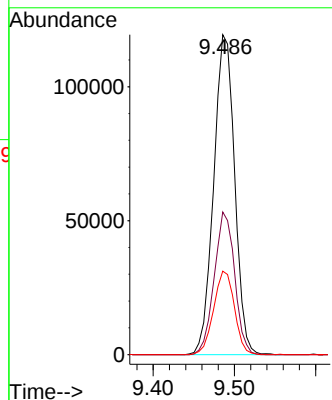
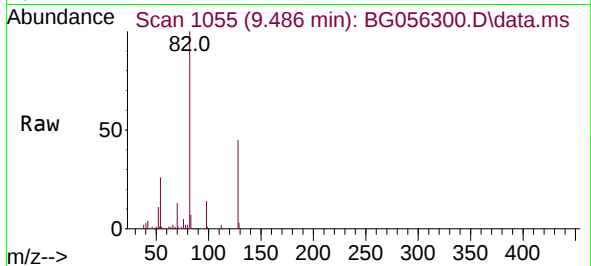




#23
Nitrobenzene-d5
Concen: 73.531 ng
RT: 9.486 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

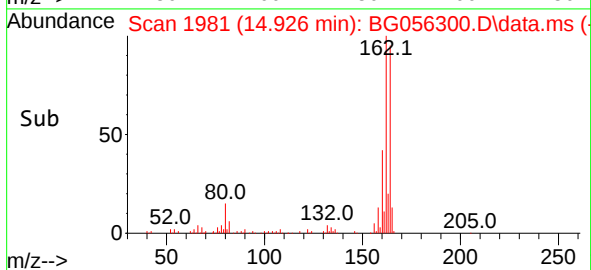
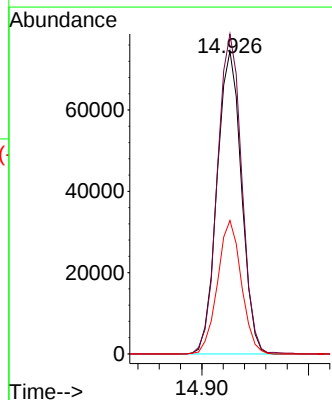
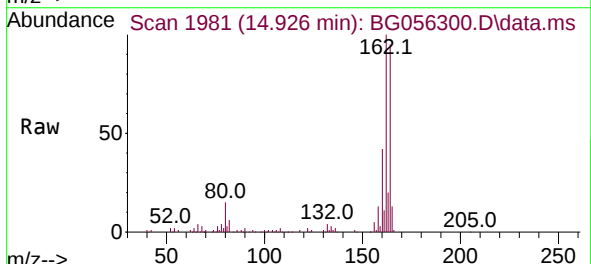
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

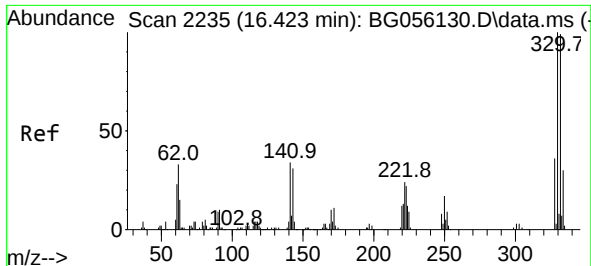
Tgt Ion: 82 Resp: 214029
Ion Ratio Lower Upper
82 100
128 44.6 33.4 50.2
54 26.1 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.926 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

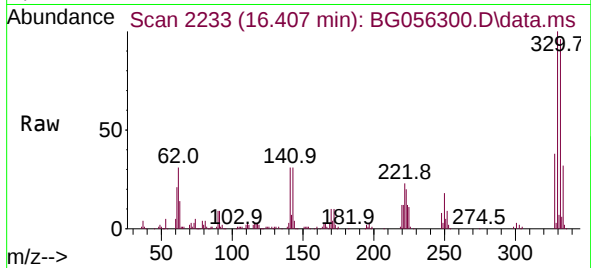
Tgt Ion:164 Resp: 118404
Ion Ratio Lower Upper
164 100
162 105.7 84.7 127.1
160 44.0 36.3 54.5



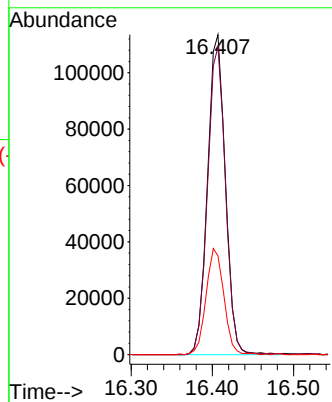
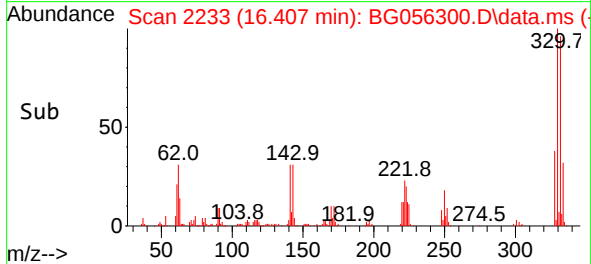


#42
2,4,6-Tribromophenol
Concen: 115.885 ng
RT: 16.407 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28

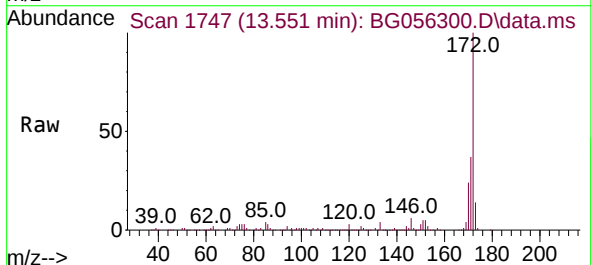
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1



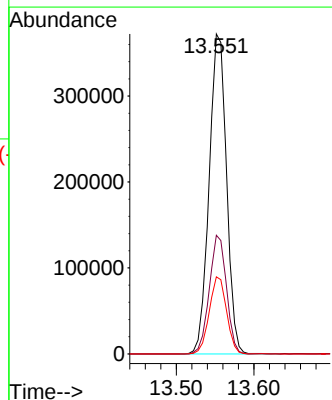
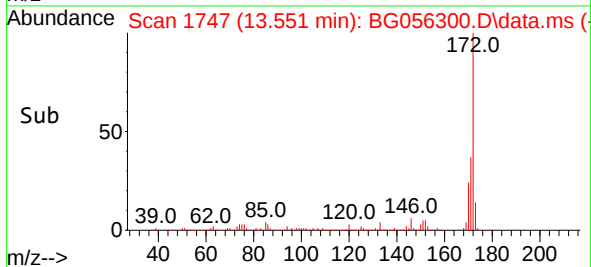
Tgt Ion:330 Resp: 173778
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 33.1 27.9 41.9

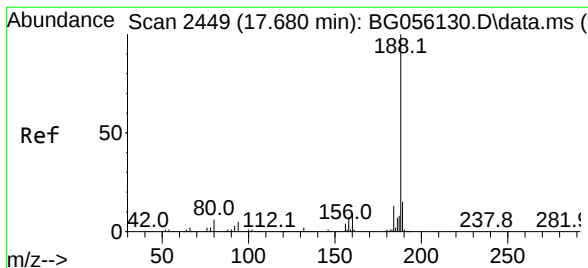


#45
2-Fluorobiphenyl
Concen: 67.504 ng
RT: 13.551 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BG056300.D
Acq: 16 Jan 2023 17:28



Tgt Ion:172 Resp: 578805
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.1 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: BG056300.D

Acq: 16 Jan 2023 17:28

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1

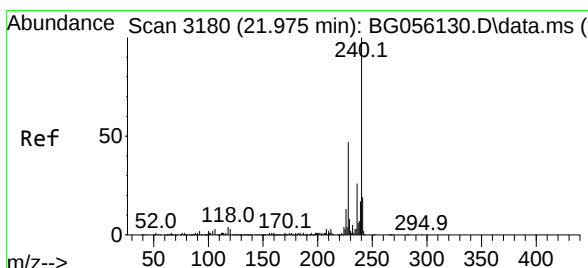
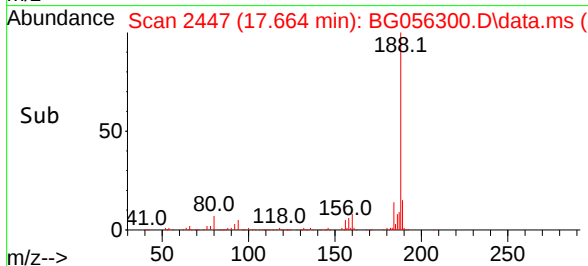
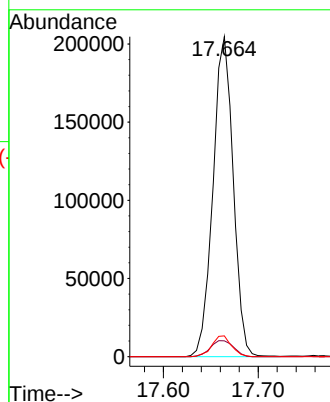
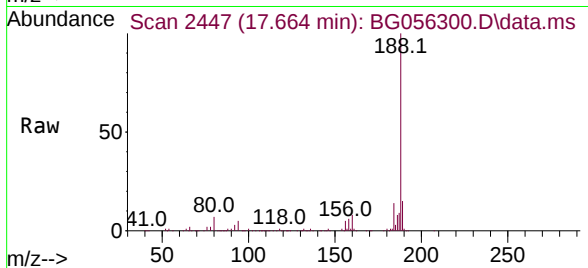
Tgt Ion:188 Resp: 303282

Ion Ratio Lower Upper

188 100

94 4.9 4.2 6.2

80 6.5 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: BG056300.D

Acq: 16 Jan 2023 17:28

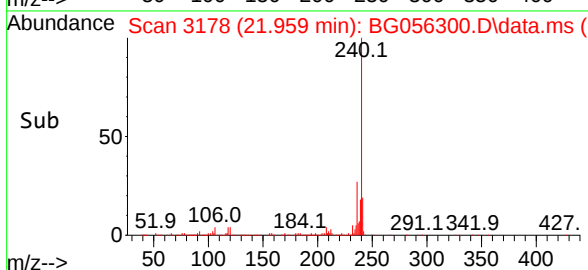
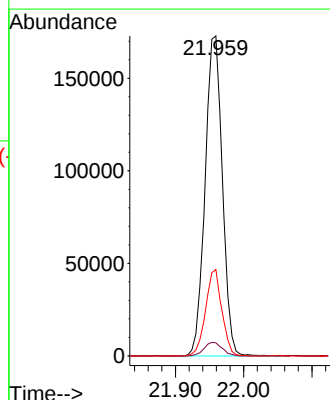
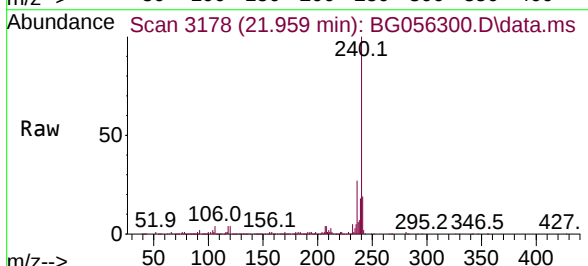
Tgt Ion:240 Resp: 304367

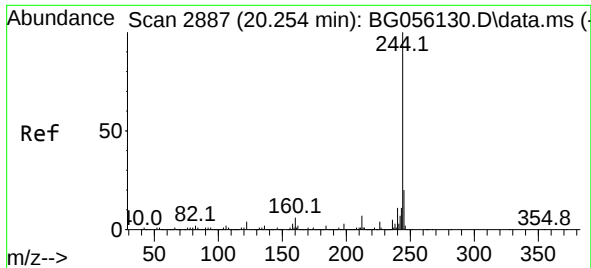
Ion Ratio Lower Upper

240 100

120 4.1 2.6 4.0#

236 27.0 20.8 31.2

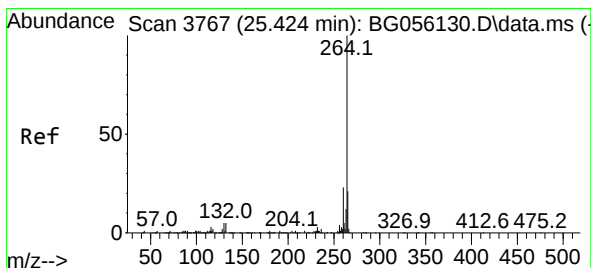
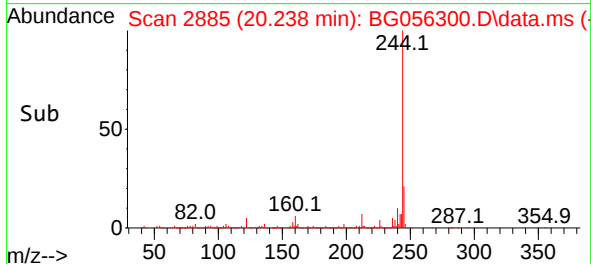
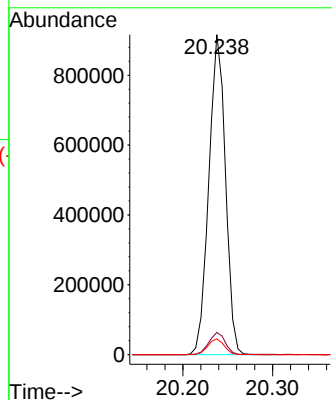
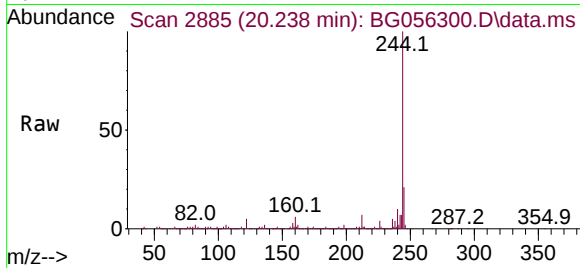




#79
 Terphenyl-d14
 Concen: 69.140 ng
 RT: 20.238 min Scan# 2885
 Delta R.T. -0.000 min
 Lab File: BG056300.D
 Acq: 16 Jan 2023 17:28

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Tgt Ion:244 Resp: 1174949
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 4.9 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: BG056300.D
 Acq: 16 Jan 2023 17:28

Tgt Ion:264 Resp: 337587
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 22.5 16.7 25.1

