

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056335.D
 Acq On : 18 Jan 2023 19:28
 Operator : CG/JU
 Sample : 01175-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YARD-1

Quant Time: Jan 19 00:33:57 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 19 00:31:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	37998	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	137829	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	113072	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	297792	20.000	ng	0.00
76) Chrysene-d12	21.948	240	287250	20.000	ng	# 0.00
86) Perylene-d12	25.385	264	310638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	234427	110.155	ng	0.00
7) Phenol-d6	7.442	99	332633	101.778	ng	0.00
23) Nitrobenzene-d5	9.480	82	182372	67.683	ng	0.00
42) 2,4,6-Tribromophenol	16.396	330	164305	114.735	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	575639	70.300	ng	0.00
79) Terphenyl-d14	20.233	244	1172915	73.133	ng	0.00

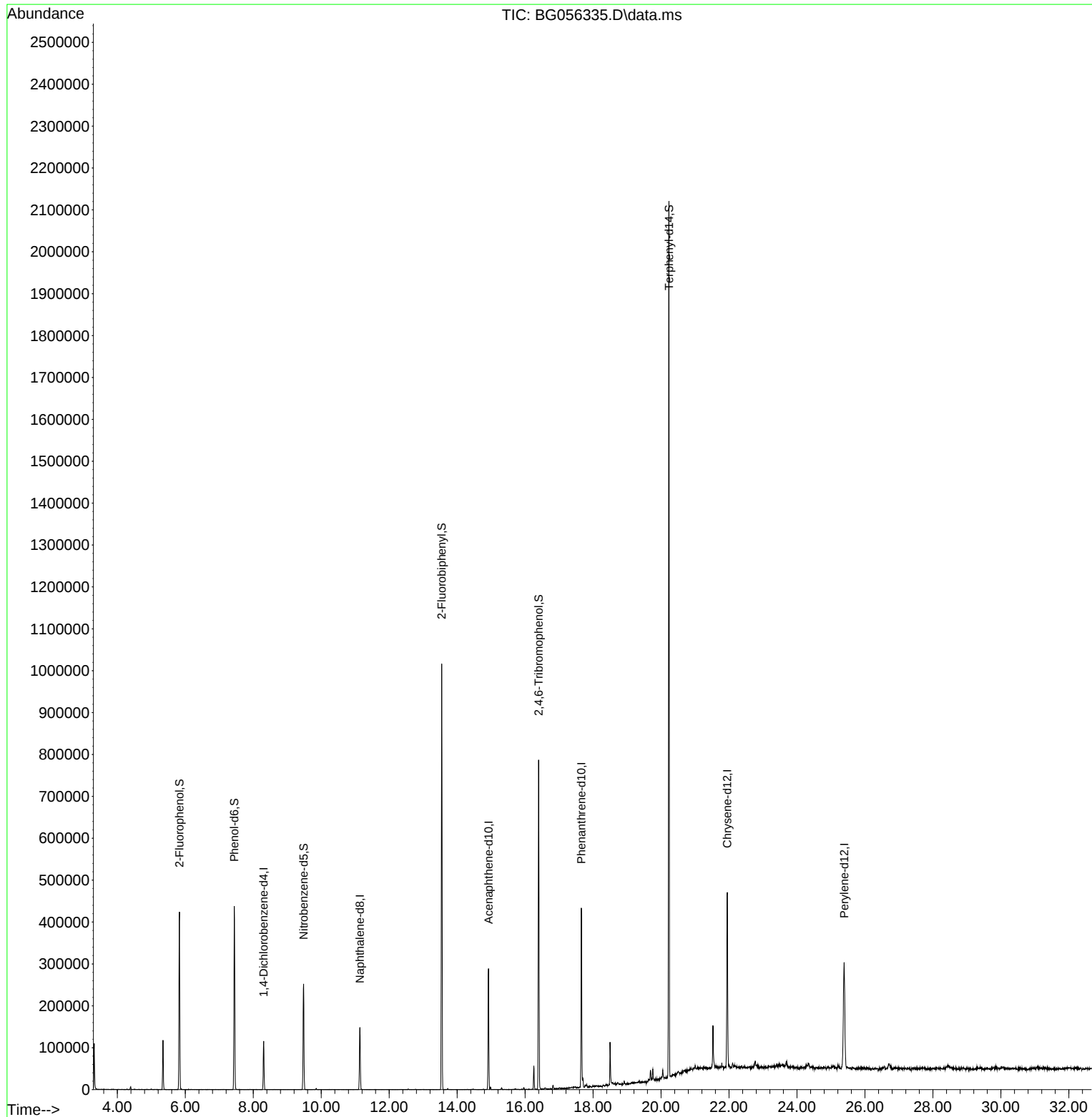
Target Compounds Qvalue

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

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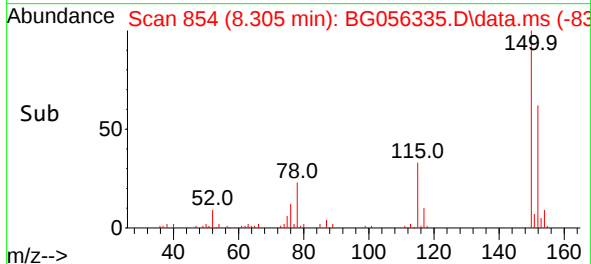
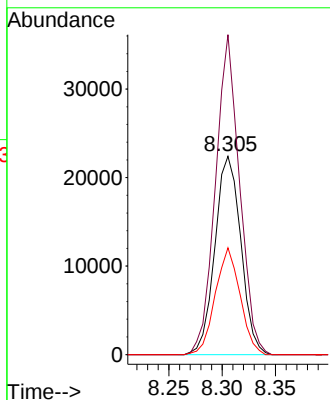
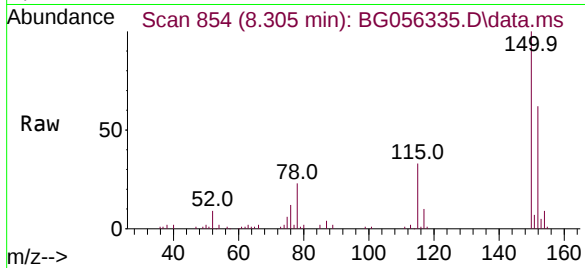




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

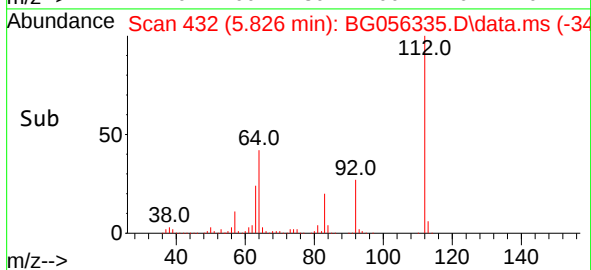
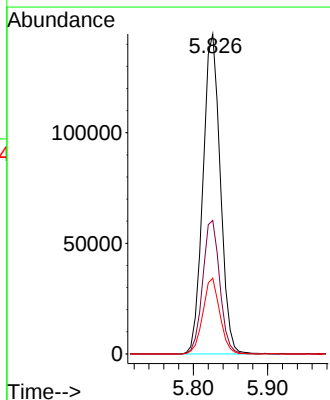
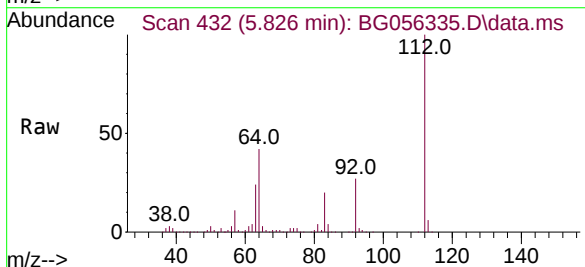
Instrument :
BNA_G
ClientSampleId :
YARD-1

Tgt Ion:152 Resp: 37998
Ion Ratio Lower Upper
152 100
150 161.3 127.9 191.9
115 53.8 44.2 66.2



#5
2-Fluorophenol
Concen: 110.155 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

Tgt Ion:112 Resp: 234427
Ion Ratio Lower Upper
112 100
64 41.7 33.3 49.9
63 23.7 19.0 28.4

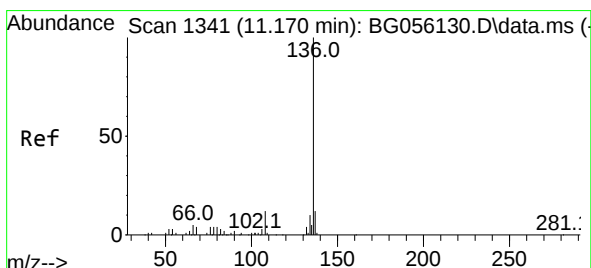
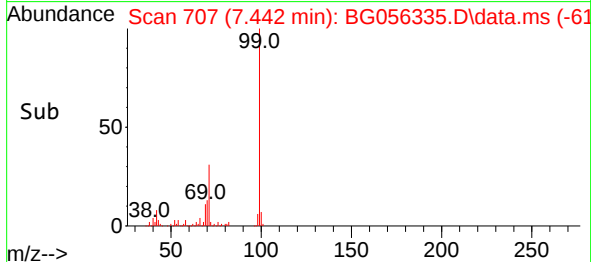
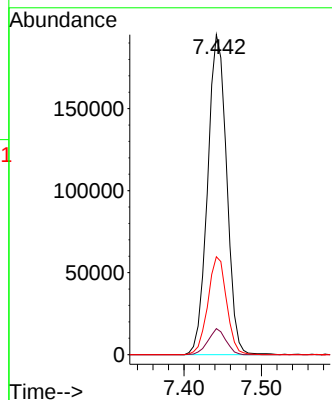
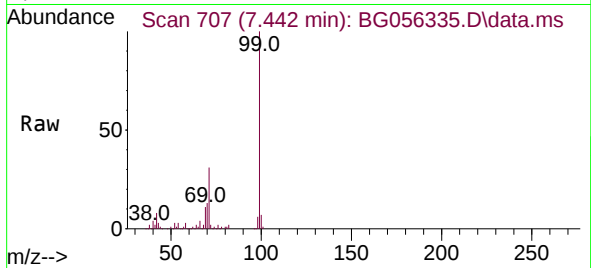




#7
Phenol-d6
Concen: 101.778 ng
RT: 7.442 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

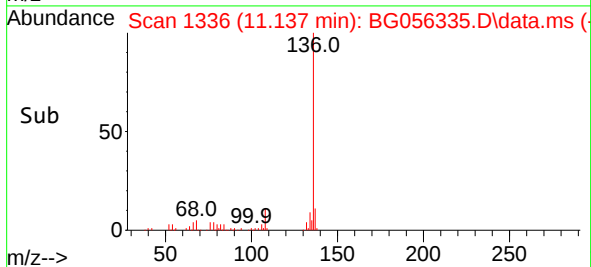
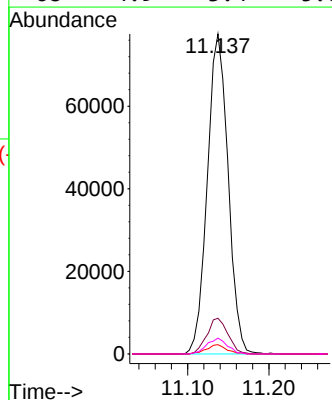
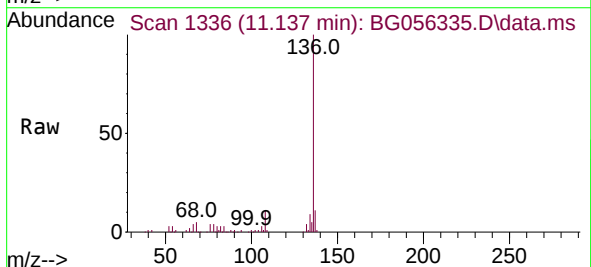
Instrument :
BNA_G
ClientSampleId :
YARD-1

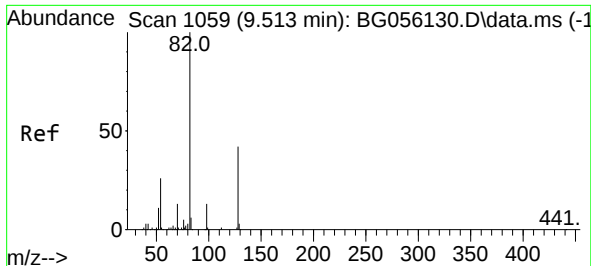
Tgt Ion: 99 Resp: 332633
Ion Ratio Lower Upper
99 100
42 8.1 5.9 8.9
71 30.6 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

Tgt Ion: 136 Resp: 137829
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 2.9 2.2 3.2
68 4.9 3.4 5.0





#23

Nitrobenzene-d5

Concen: 67.683 ng

RT: 9.480 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BG056335.D

Acq: 18 Jan 2023 19:28

Instrument :

BNA_G

ClientSampleId :

YARD-1

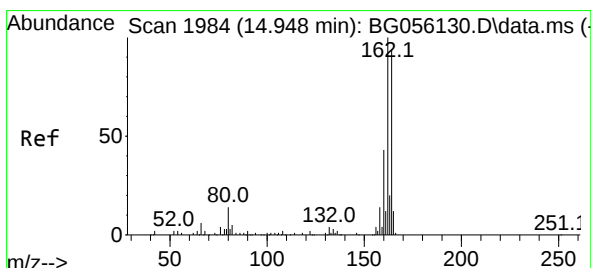
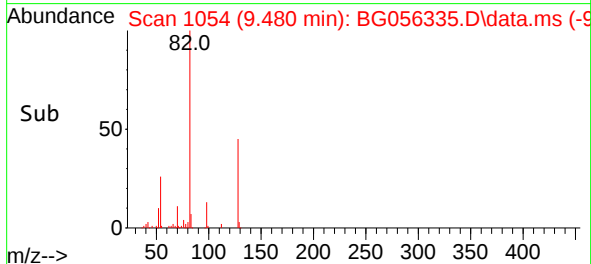
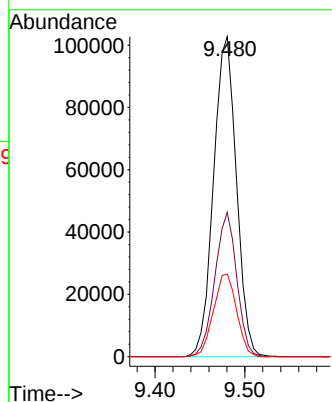
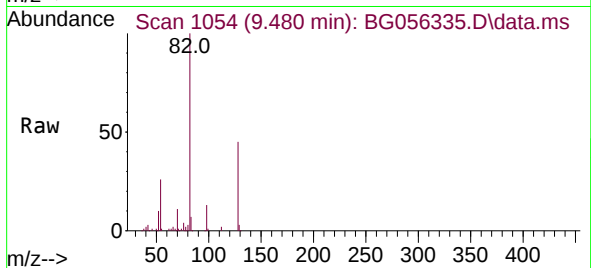
Tgt Ion: 82 Resp: 182372

Ion Ratio Lower Upper

82 100

128 45.1 33.4 50.2

54 25.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.921 min Scan# 1980

Delta R.T. -0.001 min

Lab File: BG056335.D

Acq: 18 Jan 2023 19:28

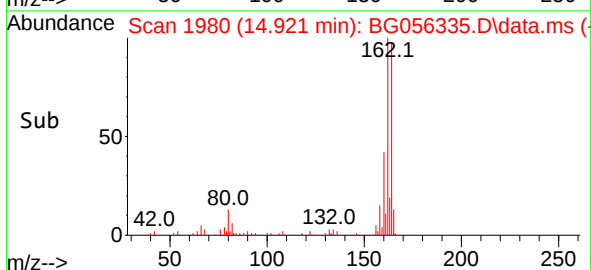
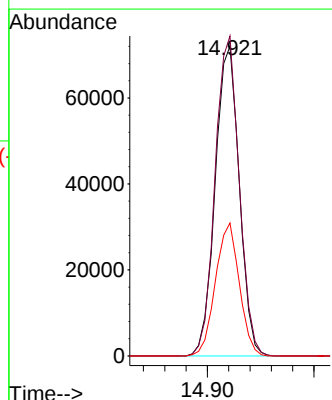
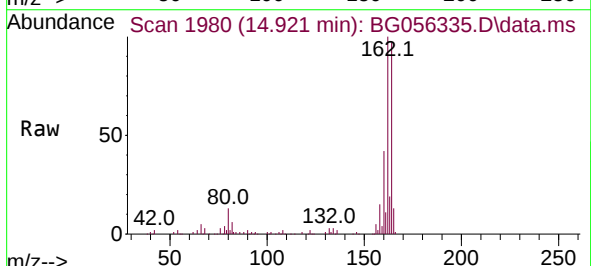
Tgt Ion: 164 Resp: 113072

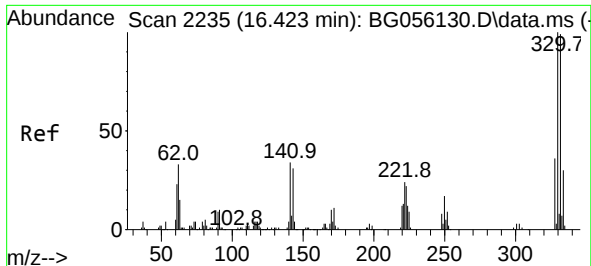
Ion Ratio Lower Upper

164 100

162 103.3 84.7 127.1

160 42.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 114.735 ng

RT: 16.396 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG056335.D

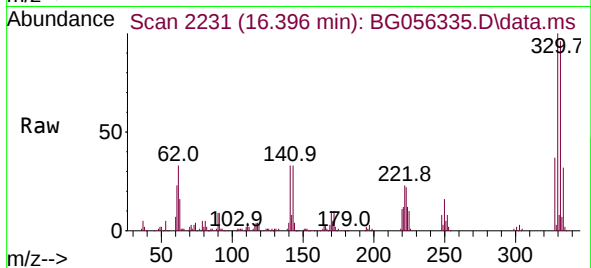
Acq: 18 Jan 2023 19:28

Instrument :

BNA_G

ClientSampleId :

YARD-1



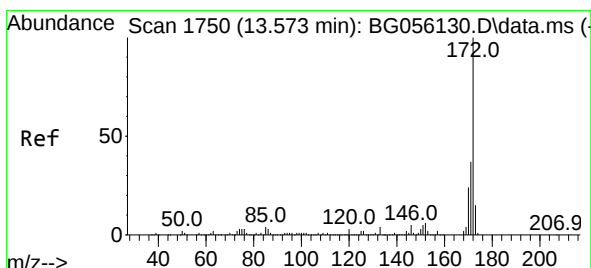
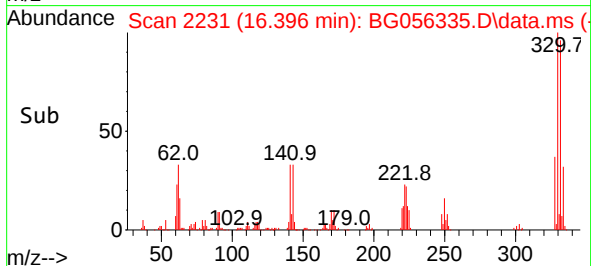
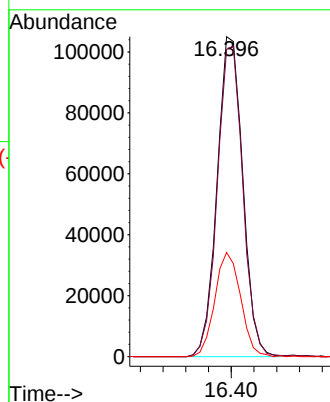
Tgt Ion:330 Resp: 164305

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 32.7 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 70.300 ng

RT: 13.546 min Scan# 1746

Delta R.T. -0.001 min

Lab File: BG056335.D

Acq: 18 Jan 2023 19:28

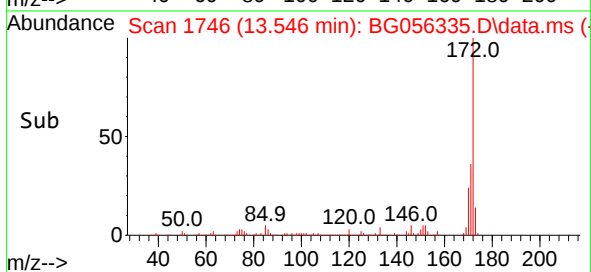
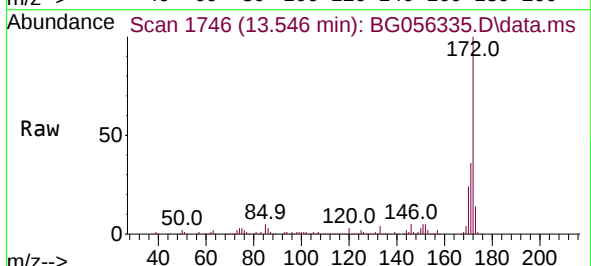
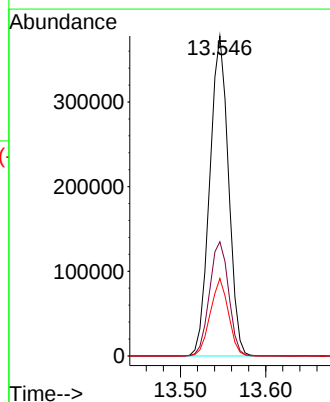
Tgt Ion:172 Resp: 575639

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

170 24.2 19.4 29.2

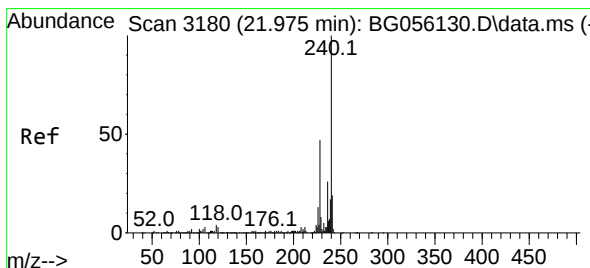
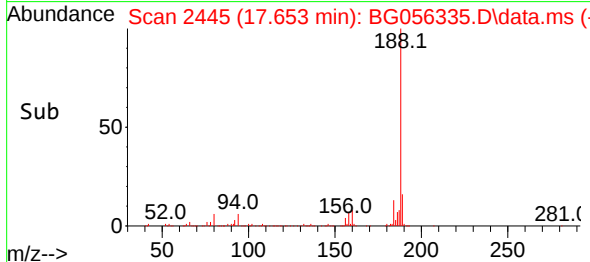
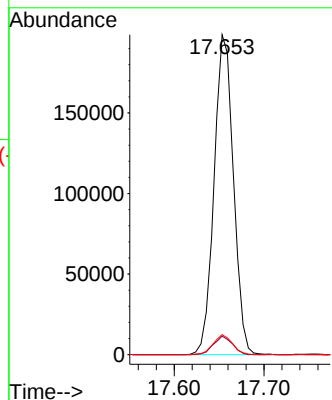
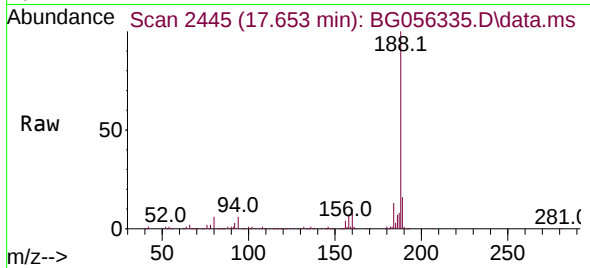




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

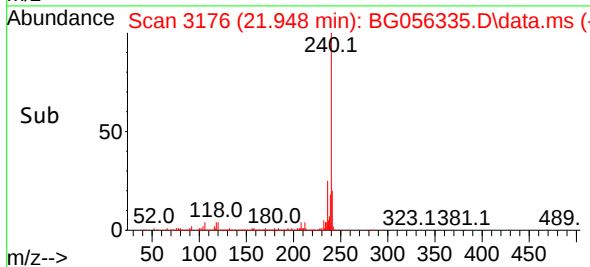
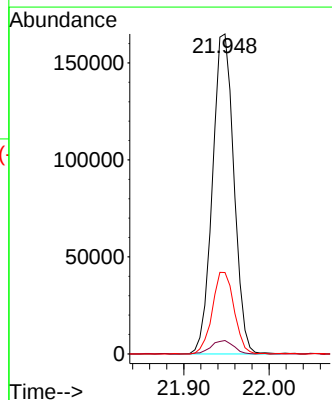
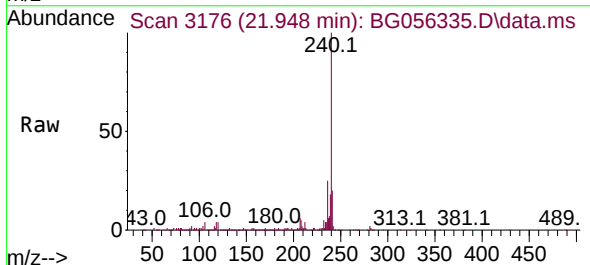
Instrument :
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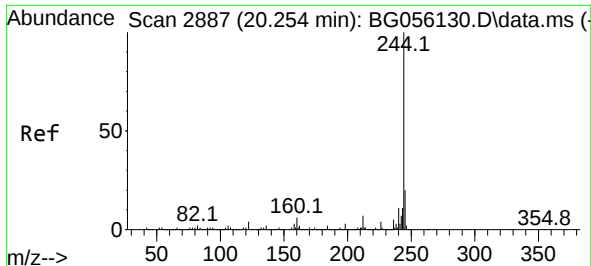
Tgt Ion:188 Resp: 297792
Ion Ratio Lower Upper
188 100
94 5.8 4.2 6.2
80 6.2 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

Tgt Ion:240 Resp: 287250
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.4 20.8 31.2

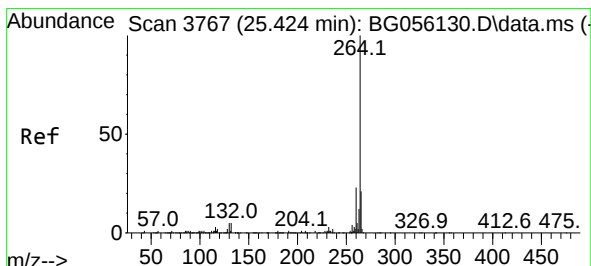
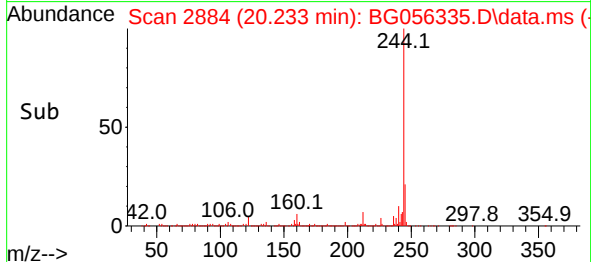
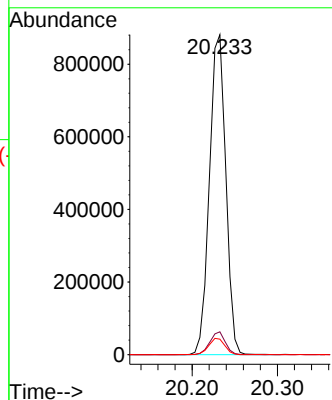
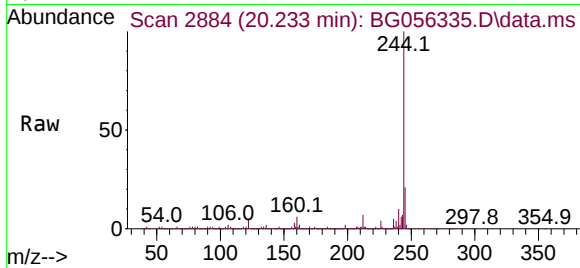




#79
 Terphenyl-d14
 Concen: 73.133 ng
 RT: 20.233 min Scan# 2884
 Delta R.T. -0.001 min
 Lab File: BG056335.D
 Acq: 18 Jan 2023 19:28

Instrument :
 BNA_G
 ClientSampleId :
 YARD-1

Tgt Ion:244 Resp: 1172915
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.385 min Scan# 3761
 Delta R.T. -0.006 min
 Lab File: BG056335.D
 Acq: 18 Jan 2023 19:28

Tgt Ion:264 Resp: 310638
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 22.4 16.7 25.1

