

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056424.D
 Acq On : 25 Jan 2023 14:35
 Operator : CG/JU
 Sample : 01255-02DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-1DL

Quant Time: Jan 26 01:11:44 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	8.293	152	33949	20.000	ng	0.00
21) Naphthalene-d8	11.125	136	125829	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	103017	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	293209	20.000	ng	0.00
76) Chrysene-d12	21.936	240	294918	20.000	ng	# 0.00
86) Perylene-d12	25.367	264	312262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	53413	28.092	ng	0.00
7) Phenol-d6	7.436	99	69105	23.666	ng	0.00
23) Nitrobenzene-d5	9.468	82	43241	17.578	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	42931	32.905	ng	0.00
45) 2-Fluorobiphenyl	13.534	172	149725	20.070	ng	0.00
79) Terphenyl-d14	20.221	244	365855	22.219	ng	0.00

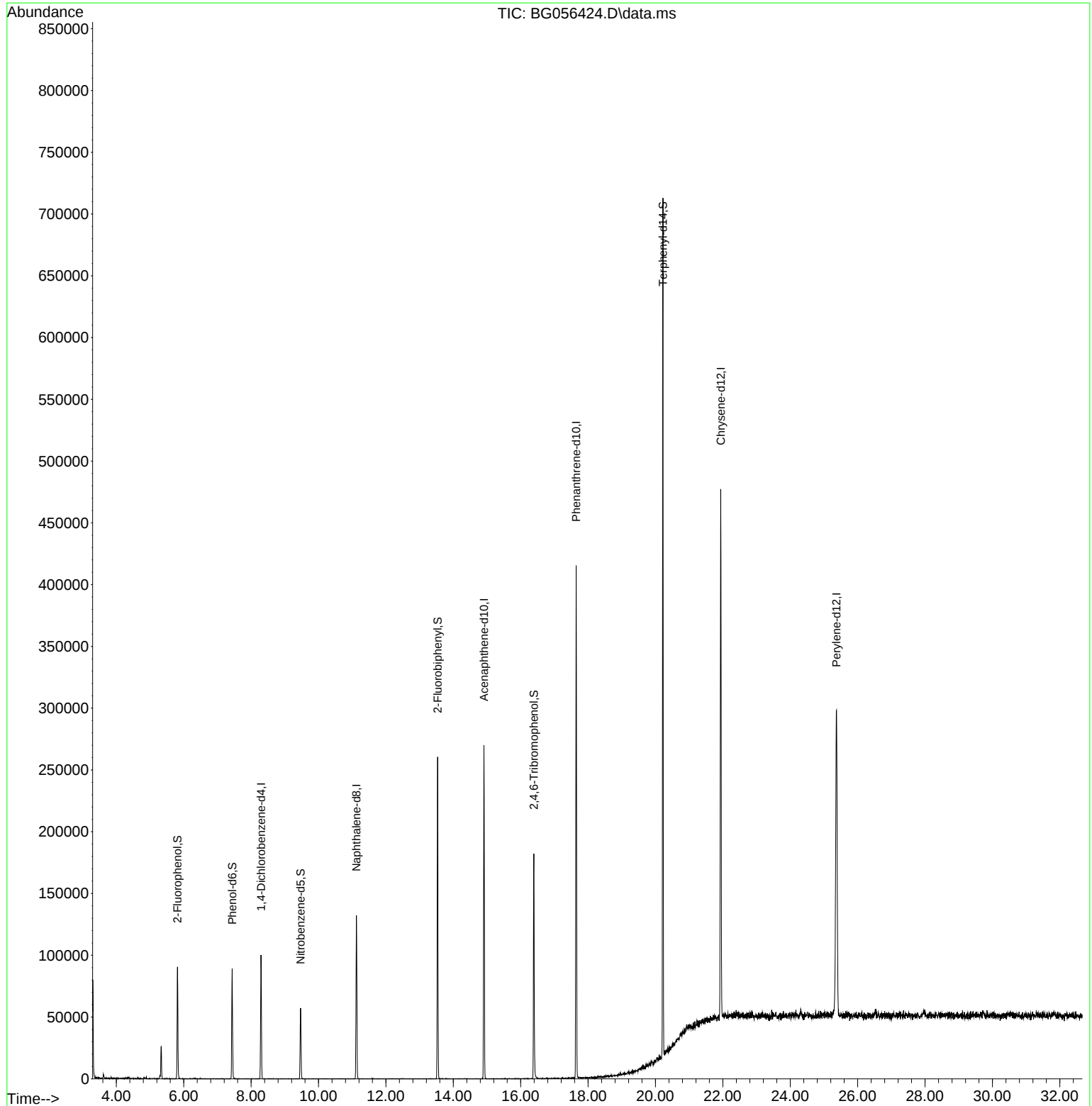
Target Compounds	Qvalue

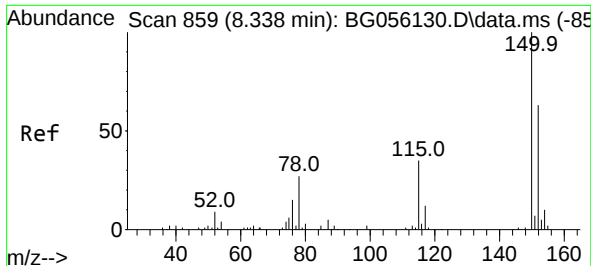
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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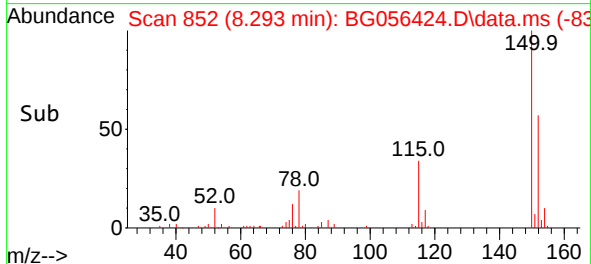
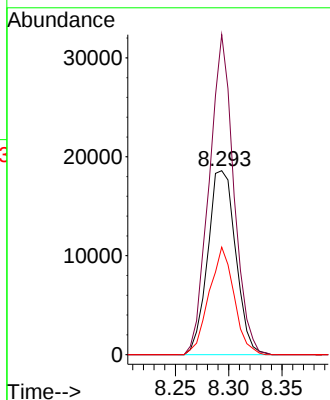
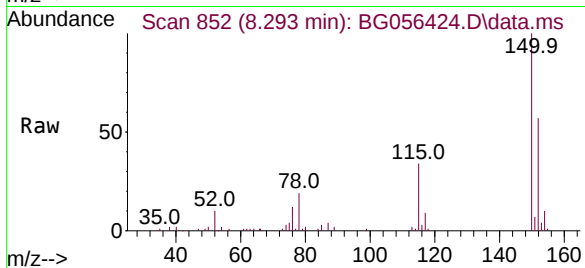




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.293 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

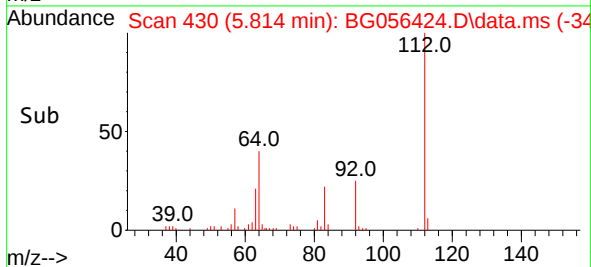
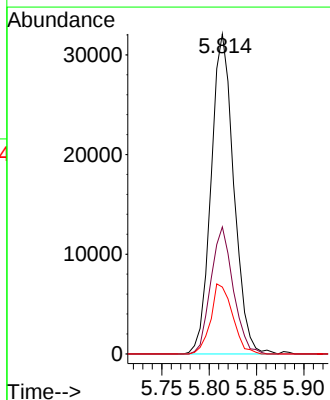
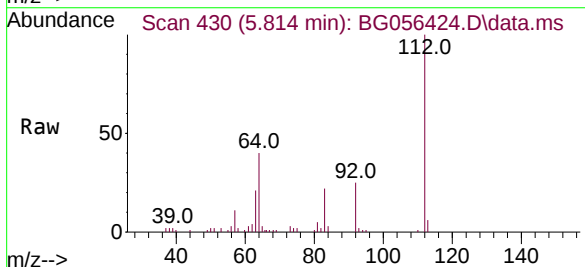
Instrument :
BNA_G
ClientSampleId :
BORING-1DL

Tgt Ion:152 Resp: 33949
Ion Ratio Lower Upper
152 100
150 173.9 127.9 191.9
115 58.4 44.2 66.2



#5
2-Fluorophenol
Concen: 28.092 ng
RT: 5.814 min Scan# 430
Delta R.T. 0.000 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

Tgt Ion:112 Resp: 53413
Ion Ratio Lower Upper
112 100
64 39.7 33.3 49.9
63 20.9 19.0 28.4

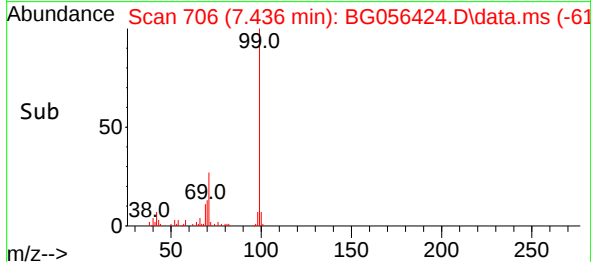
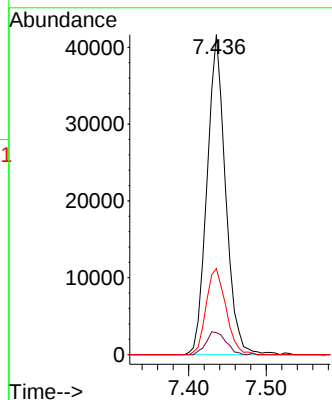
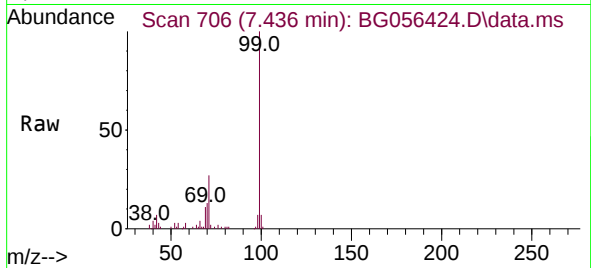




#7
Phenol-d6
Concen: 23.666 ng
RT: 7.436 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

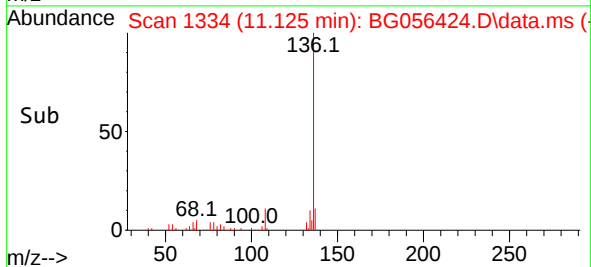
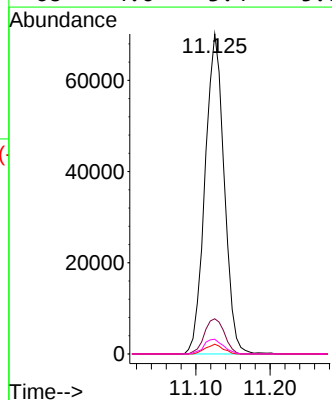
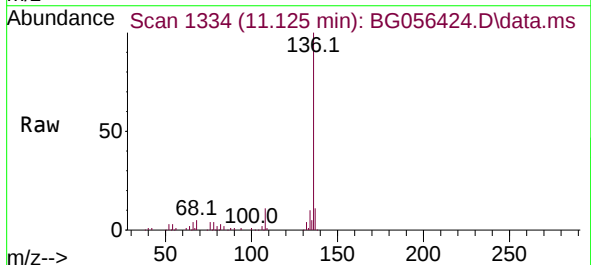
Instrument :
BNA_G
ClientSampleId :
BORING-1DL

Tgt Ion: 99 Resp: 69105
Ion Ratio Lower Upper
99 100
42 6.9 5.9 8.9
71 26.9 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.125 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

Tgt Ion: 136 Resp: 125829
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 3.0 2.2 3.2
68 4.6 3.4 5.0





#23

Nitrobenzene-d5

Concen: 17.578 ng

RT: 9.468 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BG056424.D

Acq: 25 Jan 2023 14:35

Instrument :

BNA_G

ClientSampleId :

BORING-1DL

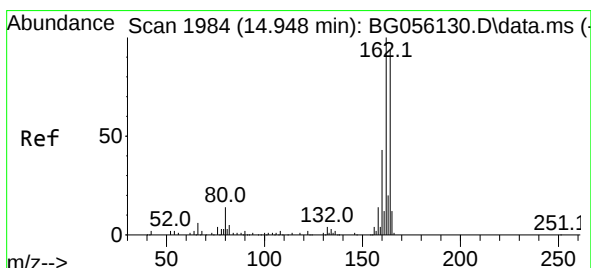
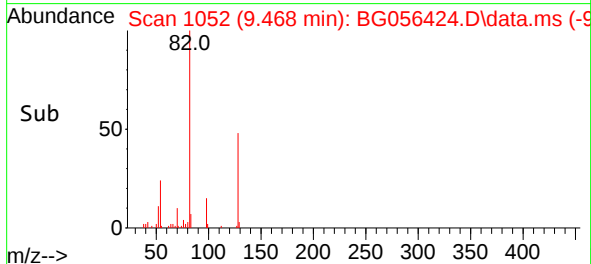
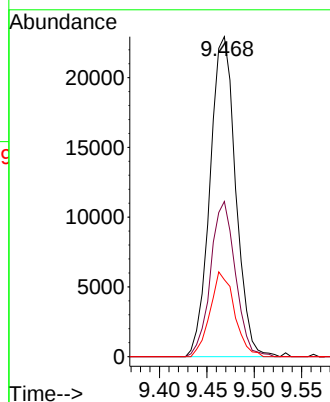
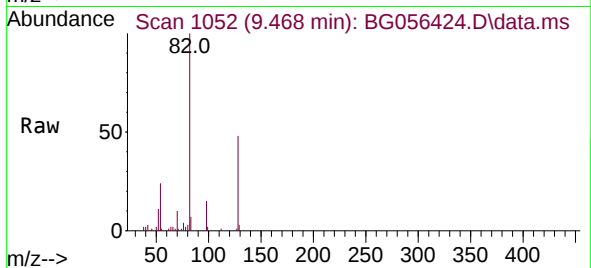
Tgt Ion: 82 Resp: 43241

Ion Ratio Lower Upper

82 100

128 48.5 33.4 50.2

54 24.0 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.909 min Scan# 1978

Delta R.T. -0.006 min

Lab File: BG056424.D

Acq: 25 Jan 2023 14:35

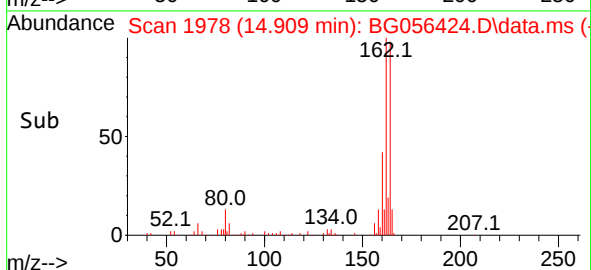
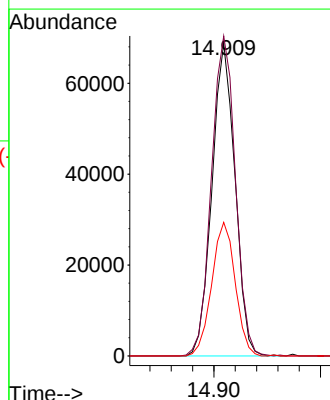
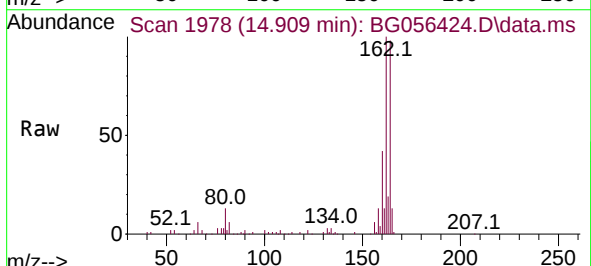
Tgt Ion: 164 Resp: 103017

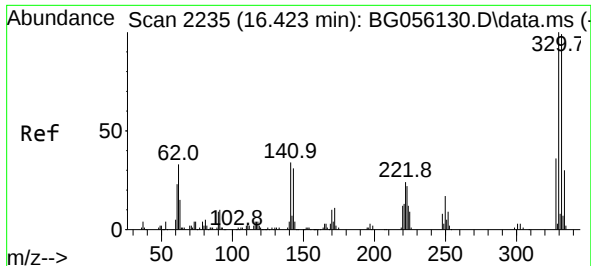
Ion Ratio Lower Upper

164 100

162 102.3 84.7 127.1

160 42.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 32.905 ng

RT: 16.390 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG056424.D

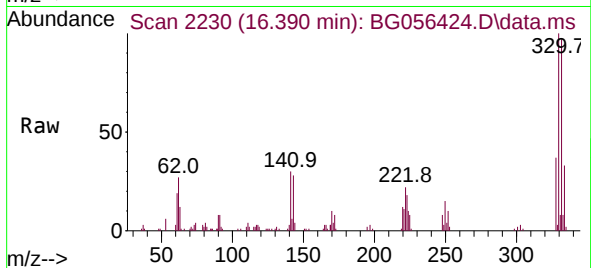
Acq: 25 Jan 2023 14:35

Instrument :

BNA_G

ClientSampleId :

BORING-1DL



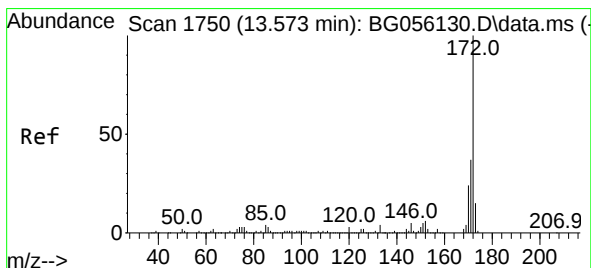
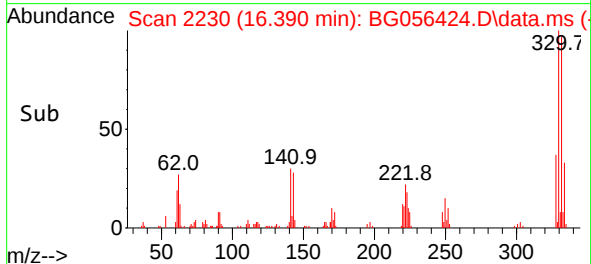
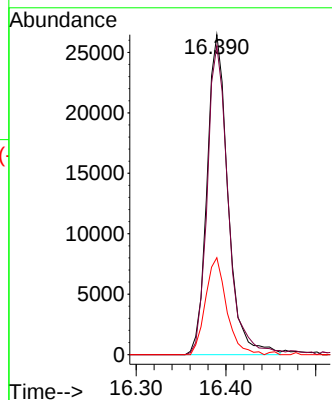
Tgt Ion:330 Resp: 42931

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 30.4 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 20.070 ng

RT: 13.534 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BG056424.D

Acq: 25 Jan 2023 14:35

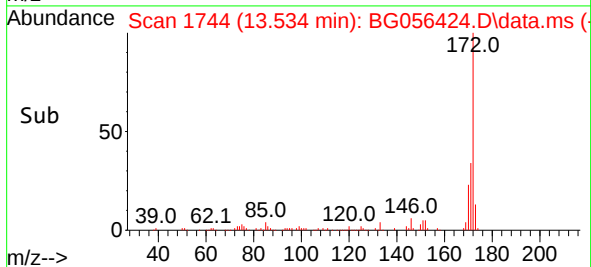
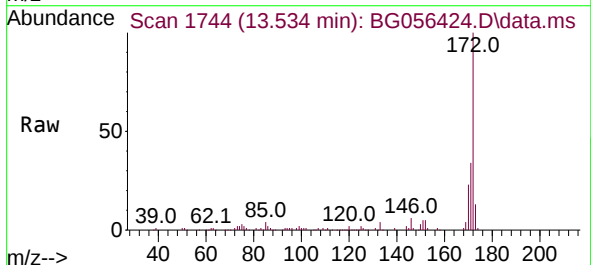
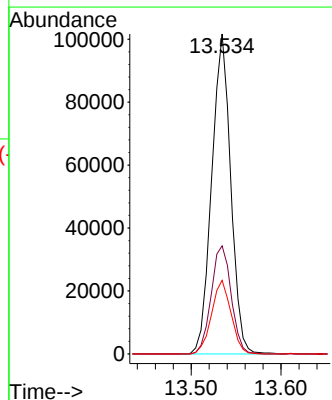
Tgt Ion:172 Resp: 149725

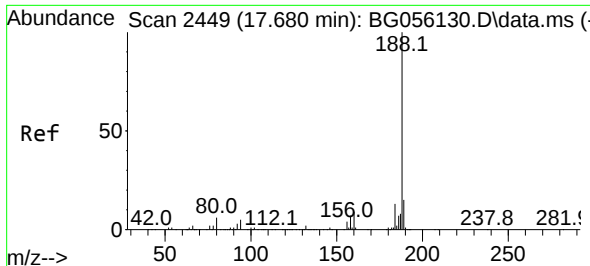
Ion Ratio Lower Upper

172 100

171 33.8 29.6 44.4

170 23.0 19.4 29.2

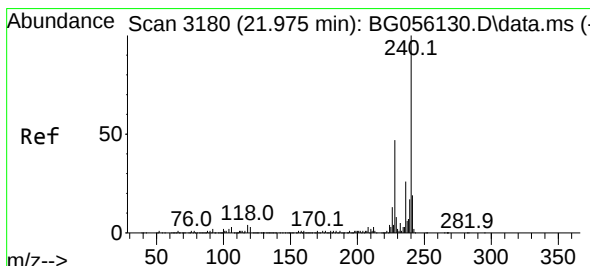
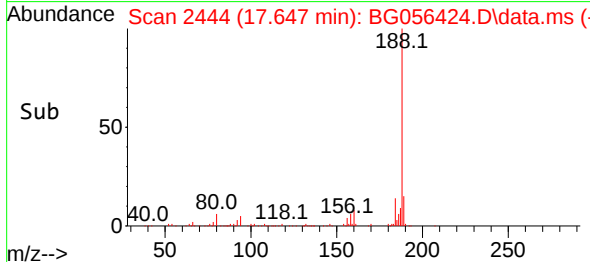
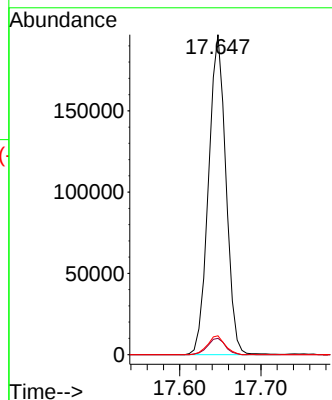
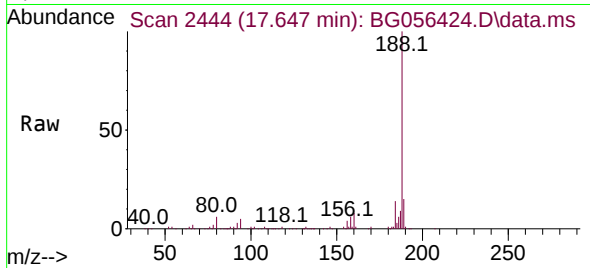




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

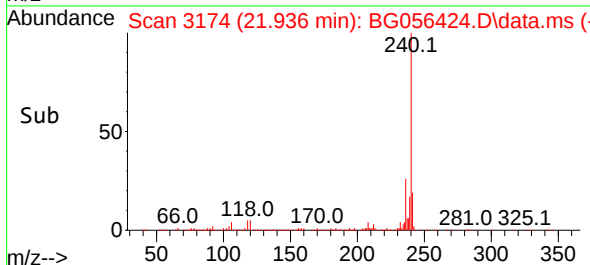
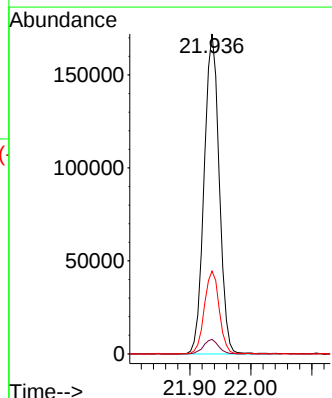
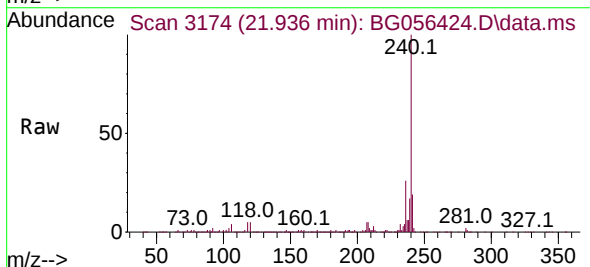
Instrument :
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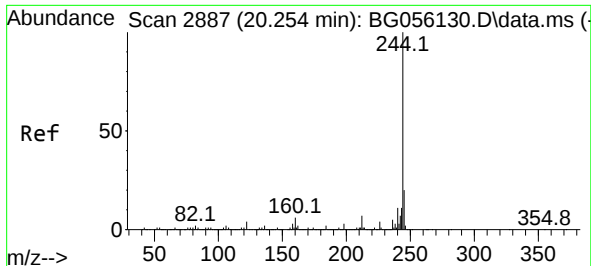
Tgt Ion:188 Resp: 293209
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.9 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. -0.006 min
Lab File: BG056424.D
Acq: 25 Jan 2023 14:35

Tgt Ion:240 Resp: 294918
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 25.9 20.8 31.2

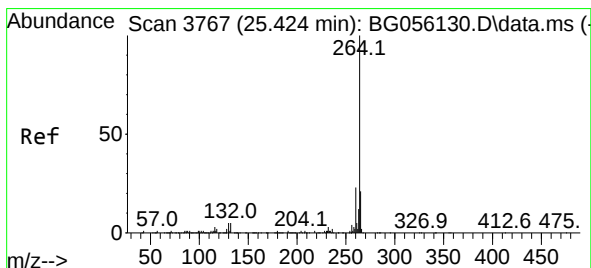
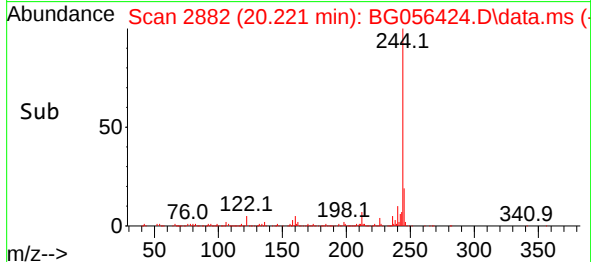
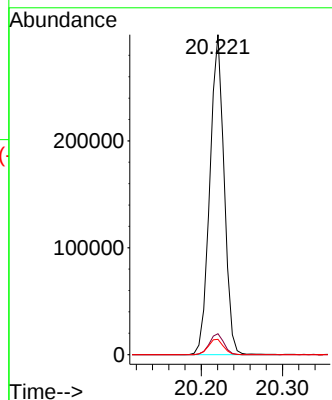
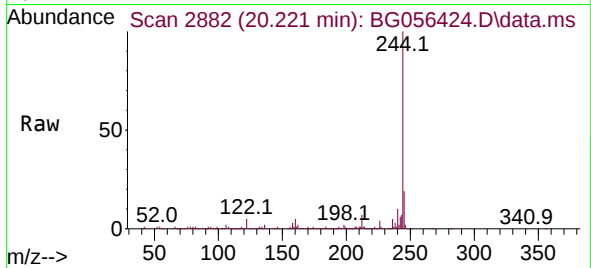




#79
 Terphenyl-d14
 Concen: 22.219 ng
 RT: 20.221 min Scan# 2887
 Delta R.T. -0.006 min
 Lab File: BG056424.D
 Acq: 25 Jan 2023 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BORING-1DL

Tgt Ion:244 Resp: 365855
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.367 min Scan# 3758
 Delta R.T. -0.006 min
 Lab File: BG056424.D
 Acq: 25 Jan 2023 14:35

Tgt Ion:264 Resp: 312262
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 23.0 16.7 25.1

