

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056426.D
 Acq On : 25 Jan 2023 16:01
 Operator : CG/JU
 Sample : 01260-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-24

Quant Time: Jan 26 01:12:14 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	8.294	152	37089	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	139613	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	109558	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	261283	20.000	ng	0.00
76) Chrysene-d12	21.936	240	245076	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	270087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	305435	147.039	ng	0.00
7) Phenol-d6	7.442	99	381735	119.664	ng	0.00
23) Nitrobenzene-d5	9.469	82	250978	91.954	ng	0.00
42) 2,4,6-Tribromophenol	16.396	330	223675	161.203	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	831523	104.807	ng	0.00
79) Terphenyl-d14	20.227	244	1488892	108.810	ng	0.00

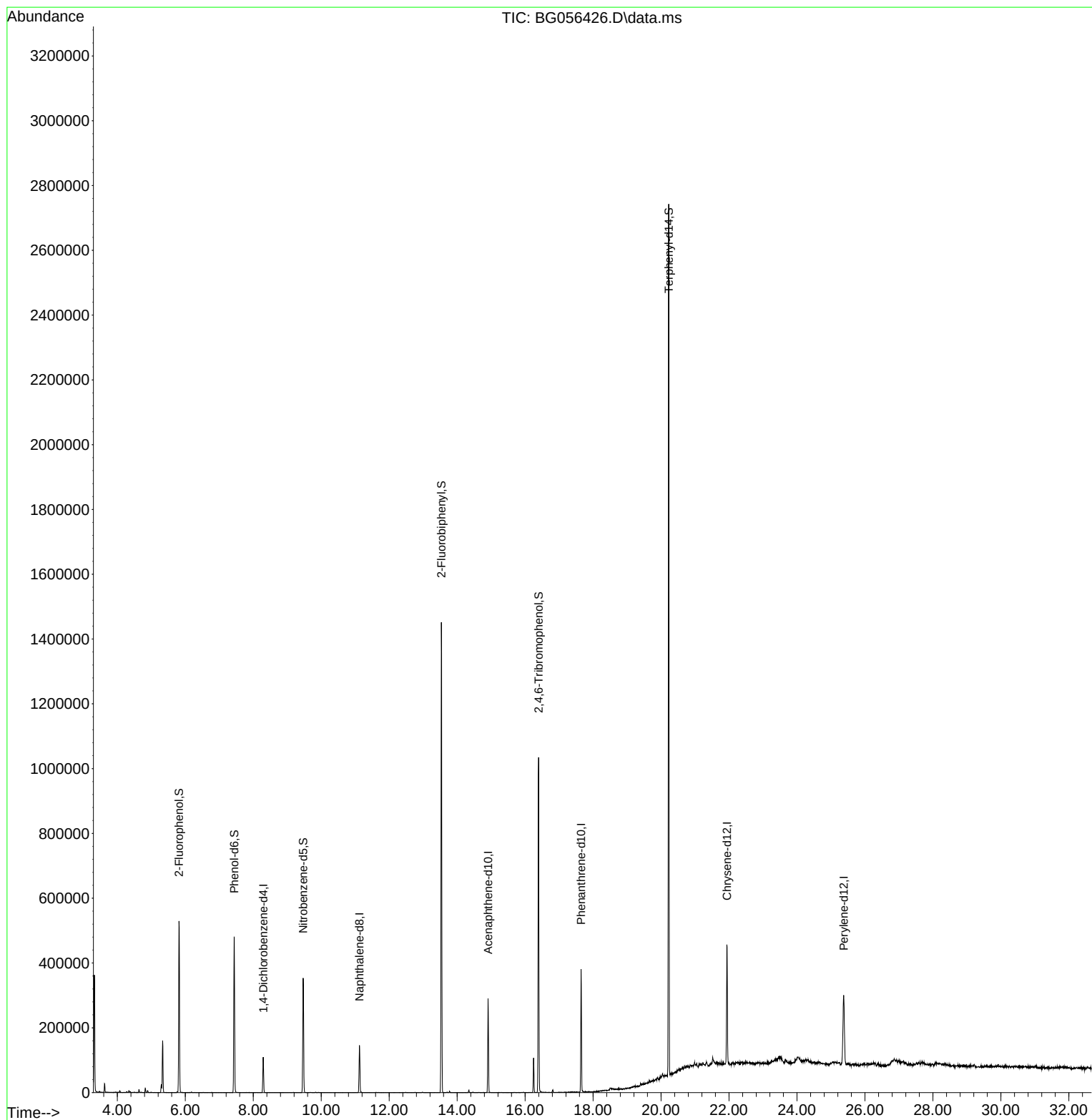
Target Compounds	Qvalue

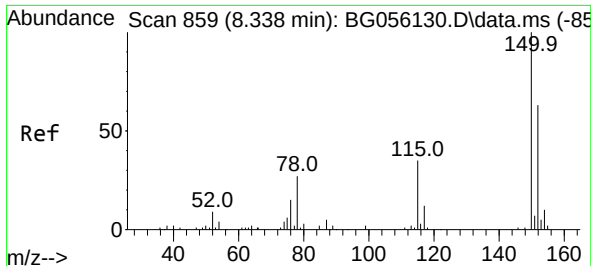
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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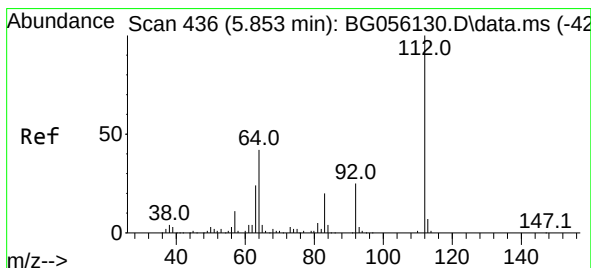
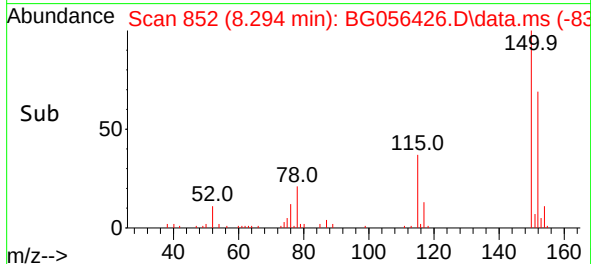
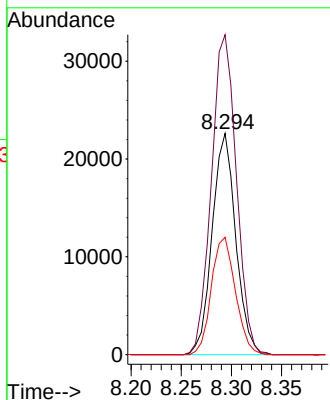
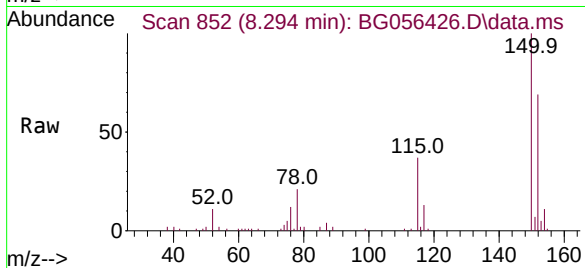




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

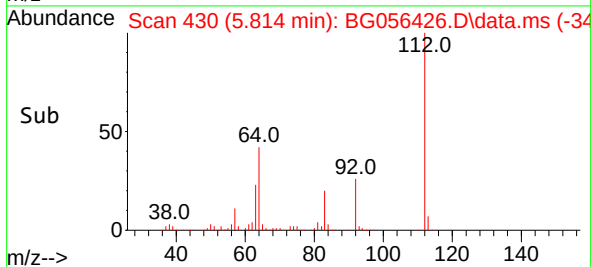
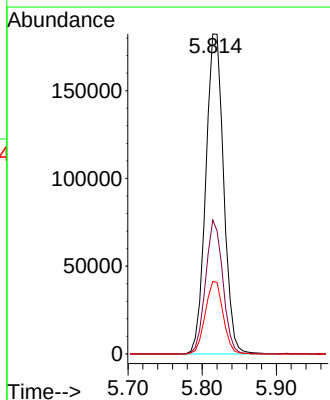
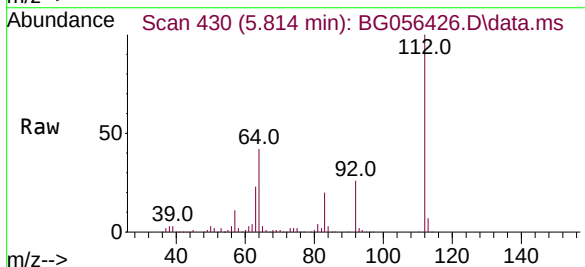
Instrument :
BNA_G
ClientSampleId :
TP-24

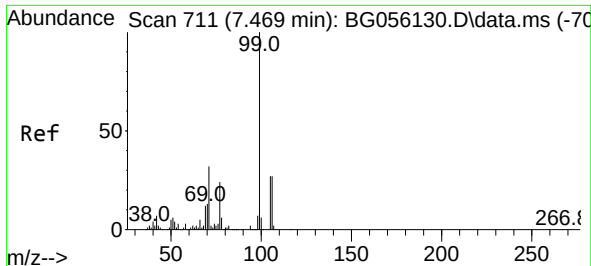
Tgt Ion:152 Resp: 37089
Ion Ratio Lower Upper
152 100
150 144.7 127.9 191.9
115 53.1 44.2 66.2



#5
2-Fluorophenol
Concen: 147.039 ng
RT: 5.814 min Scan# 430
Delta R.T. 0.000 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

Tgt Ion:112 Resp: 305435
Ion Ratio Lower Upper
112 100
64 41.8 33.3 49.9
63 22.6 19.0 28.4

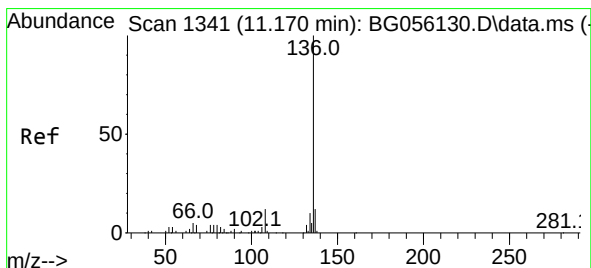
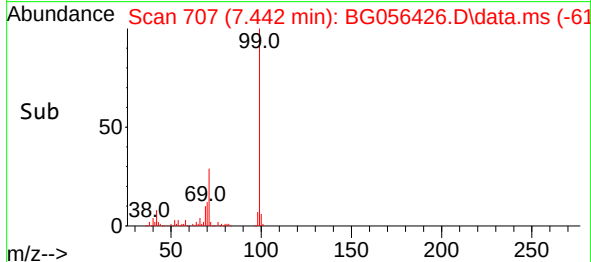
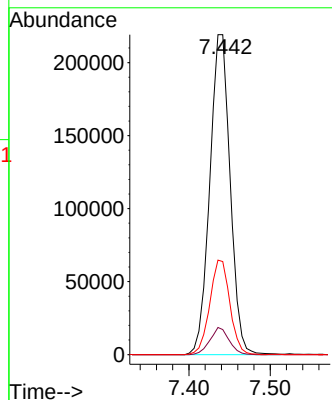
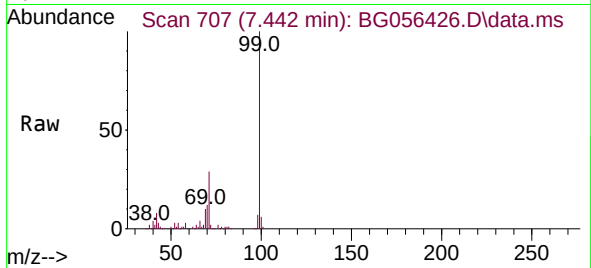




#7
Phenol-d6
Concen: 119.664 ng
RT: 7.442 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

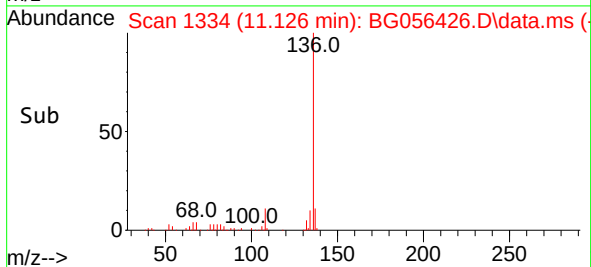
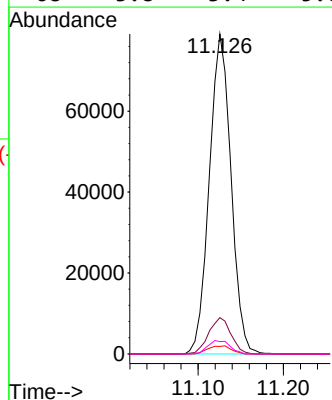
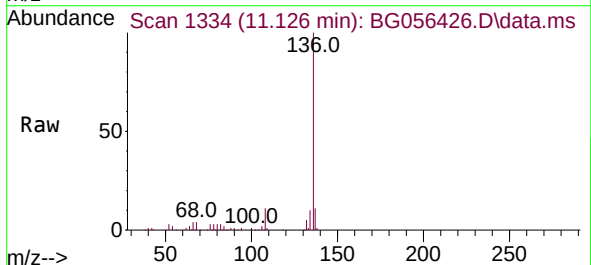
Instrument :
BNA_G
ClientSampleId :
TP-24

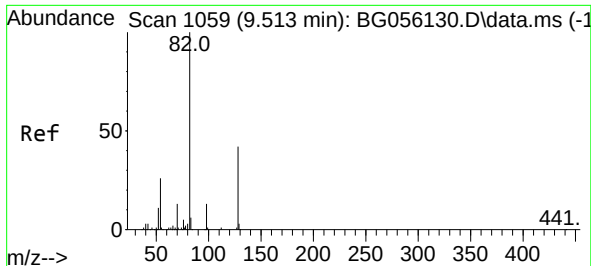
Tgt Ion: 99 Resp: 381735
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 29.1 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

Tgt Ion: 136 Resp: 139613
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.3 2.2 3.2
68 3.8 3.4 5.0





#23

Nitrobenzene-d5

Concen: 91.954 ng

RT: 9.469 min Scan# 1052

Delta R.T. -0.005 min

Lab File: BG056426.D

Acq: 25 Jan 2023 16:01

Instrument :

BNA_G

ClientSampleId :

TP-24

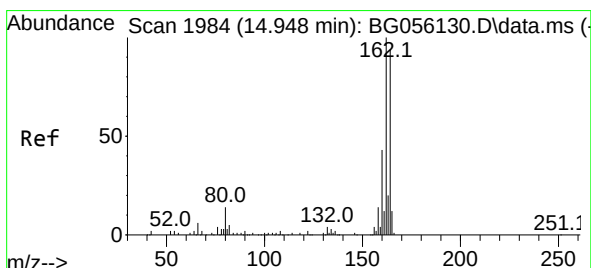
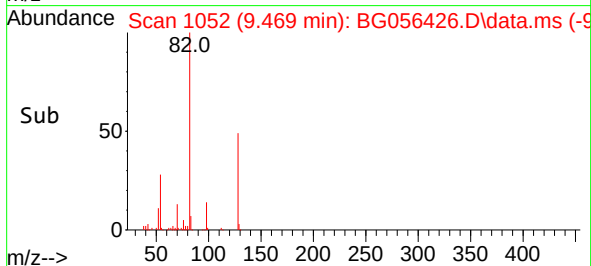
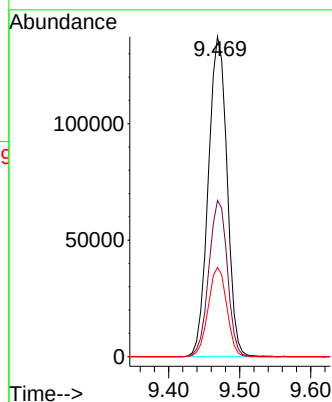
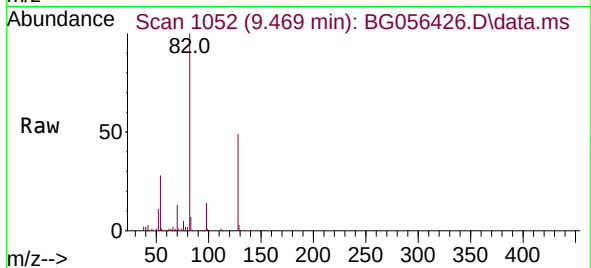
Tgt Ion: 82 Resp: 250978

Ion Ratio Lower Upper

82 100

128 48.8 33.4 50.2

54 27.9 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.909 min Scan# 1978

Delta R.T. -0.005 min

Lab File: BG056426.D

Acq: 25 Jan 2023 16:01

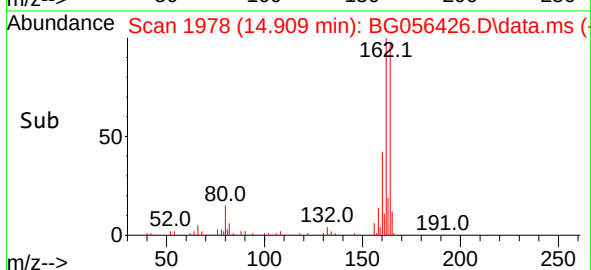
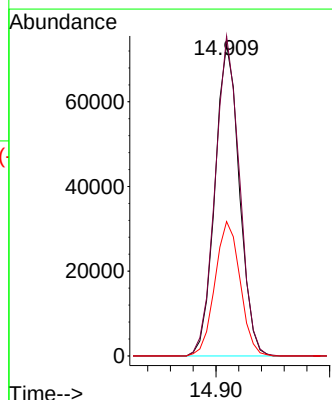
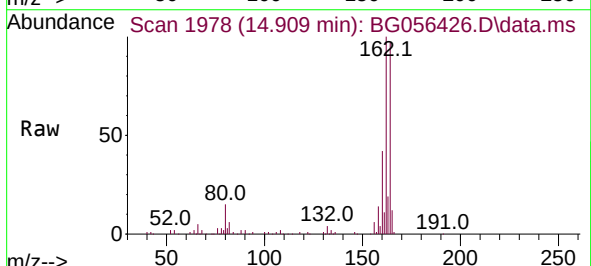
Tgt Ion:164 Resp: 109558

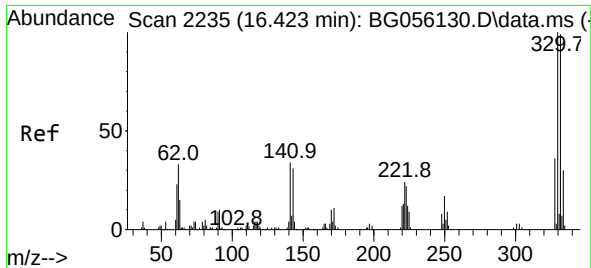
Ion Ratio Lower Upper

164 100

162 102.8 84.7 127.1

160 43.1 36.3 54.5

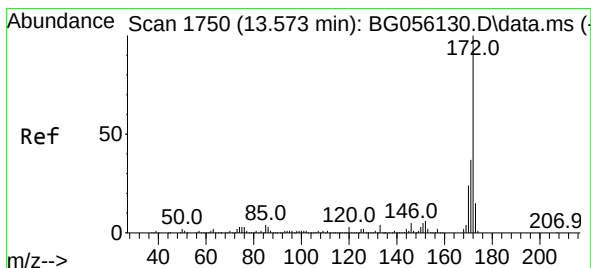
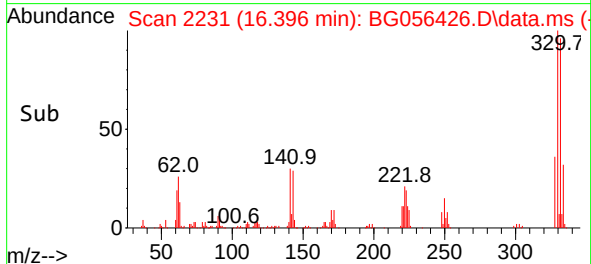
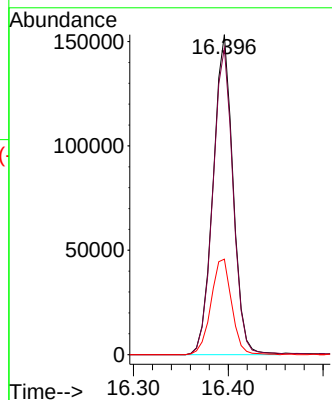
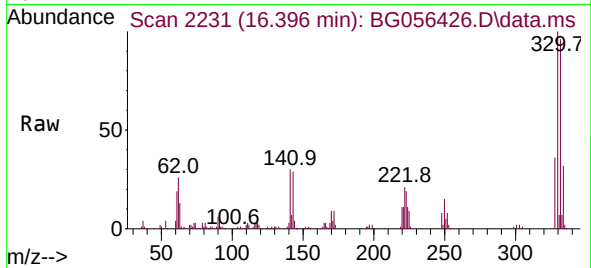




#42
 2,4,6-Tribromophenol
 Concen: 161.203 ng
 RT: 16.396 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056426.D
 Acq: 25 Jan 2023 16:01

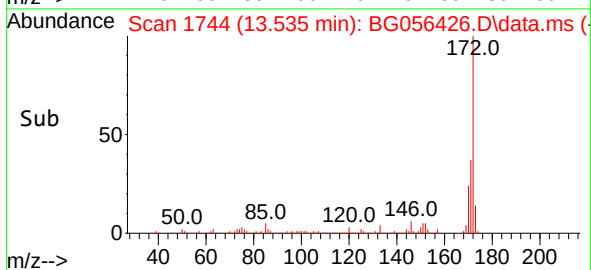
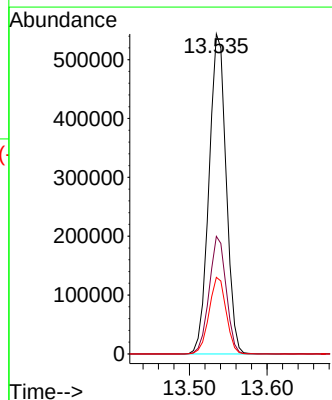
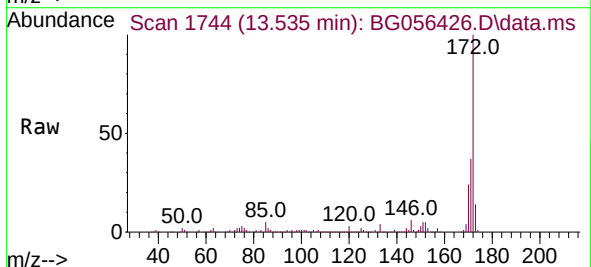
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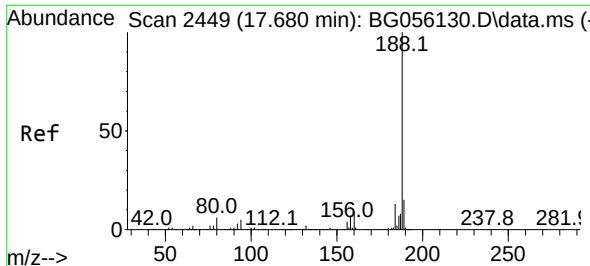
Tgt Ion:330 Resp: 223675
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 31.0 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 104.807 ng
 RT: 13.535 min Scan# 1744
 Delta R.T. -0.005 min
 Lab File: BG056426.D
 Acq: 25 Jan 2023 16:01

Tgt Ion:172 Resp: 831523
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.9 19.4 29.2

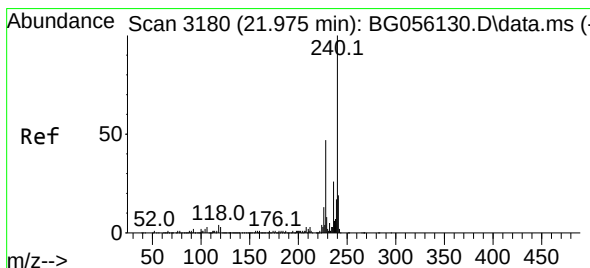
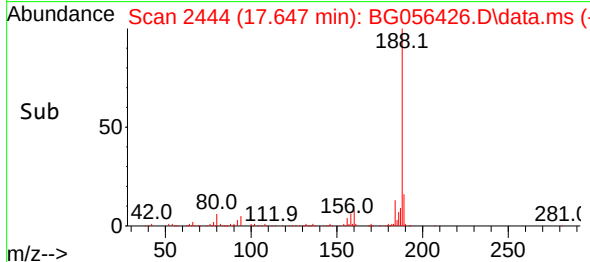
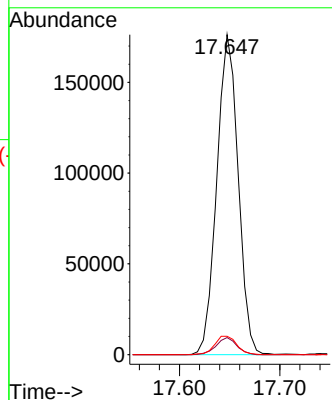
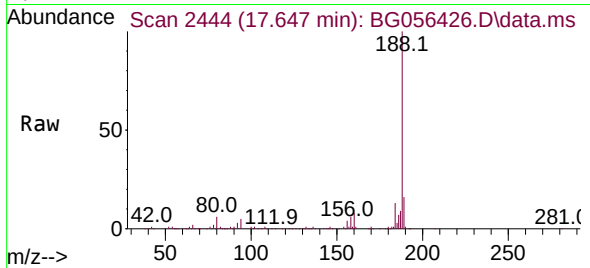




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

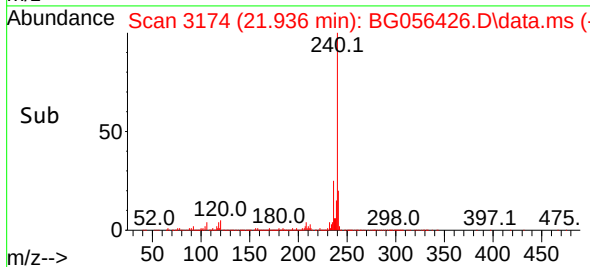
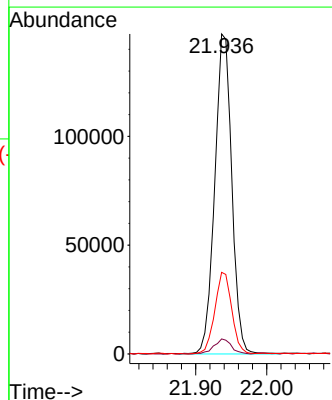
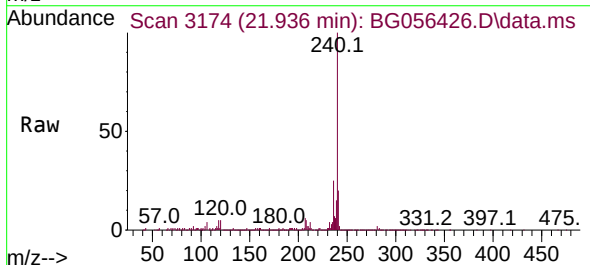
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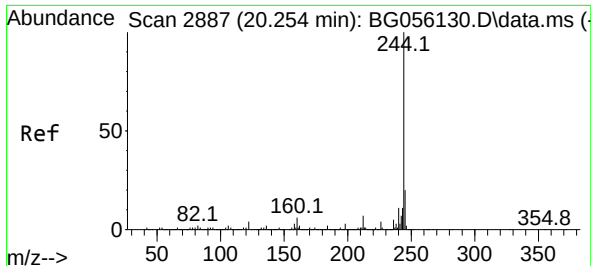
Tgt Ion:188 Resp: 261283
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 5.7 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

Tgt Ion:240 Resp: 245076
Ion Ratio Lower Upper
240 100
120 4.7 2.6 4.0#
236 25.5 20.8 31.2

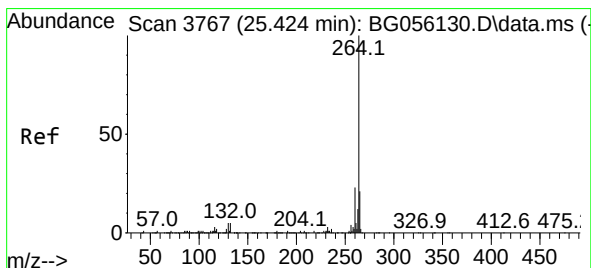
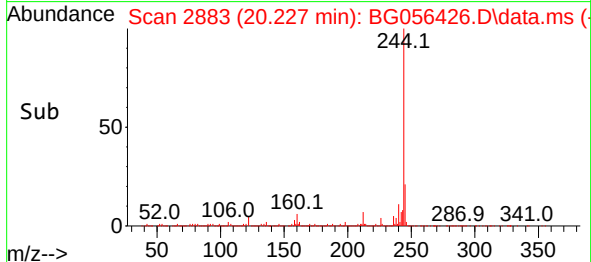
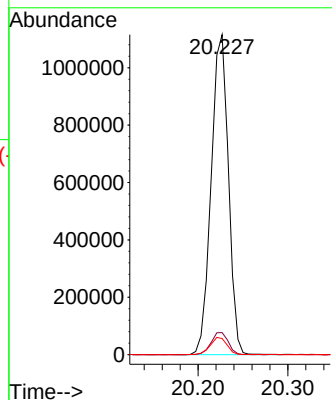
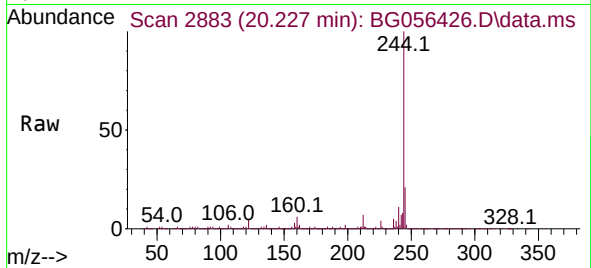




#79
Terphenyl-d14
Concen: 108.810 ng
RT: 20.227 min Scan# 2883
Delta R.T. 0.000 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

Instrument :
BNA_G
ClientSampleId :
TP-24

Tgt Ion:244 Resp: 1488892
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 5.0 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.374 min Scan# 3759
Delta R.T. 0.000 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

Tgt Ion:264 Resp: 270087
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 21.6 16.7 25.1

