

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056428.D
 Acq On : 25 Jan 2023 17:23
 Operator : CG/JU
 Sample : 01260-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-26

Quant Time: Jan 26 01:12:41 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	41454	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	156465	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	124242	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	299727	20.000	ng	0.00
76) Chrysene-d12	21.937	240	273853	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	298469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	338114	145.632	ng	0.00
7) Phenol-d6	7.442	99	424701	119.115	ng	0.00
23) Nitrobenzene-d5	9.469	82	261227	85.400	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	244426	155.339	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	876123	97.377	ng	0.00
79) Terphenyl-d14	20.221	244	1574755	102.992	ng	0.00

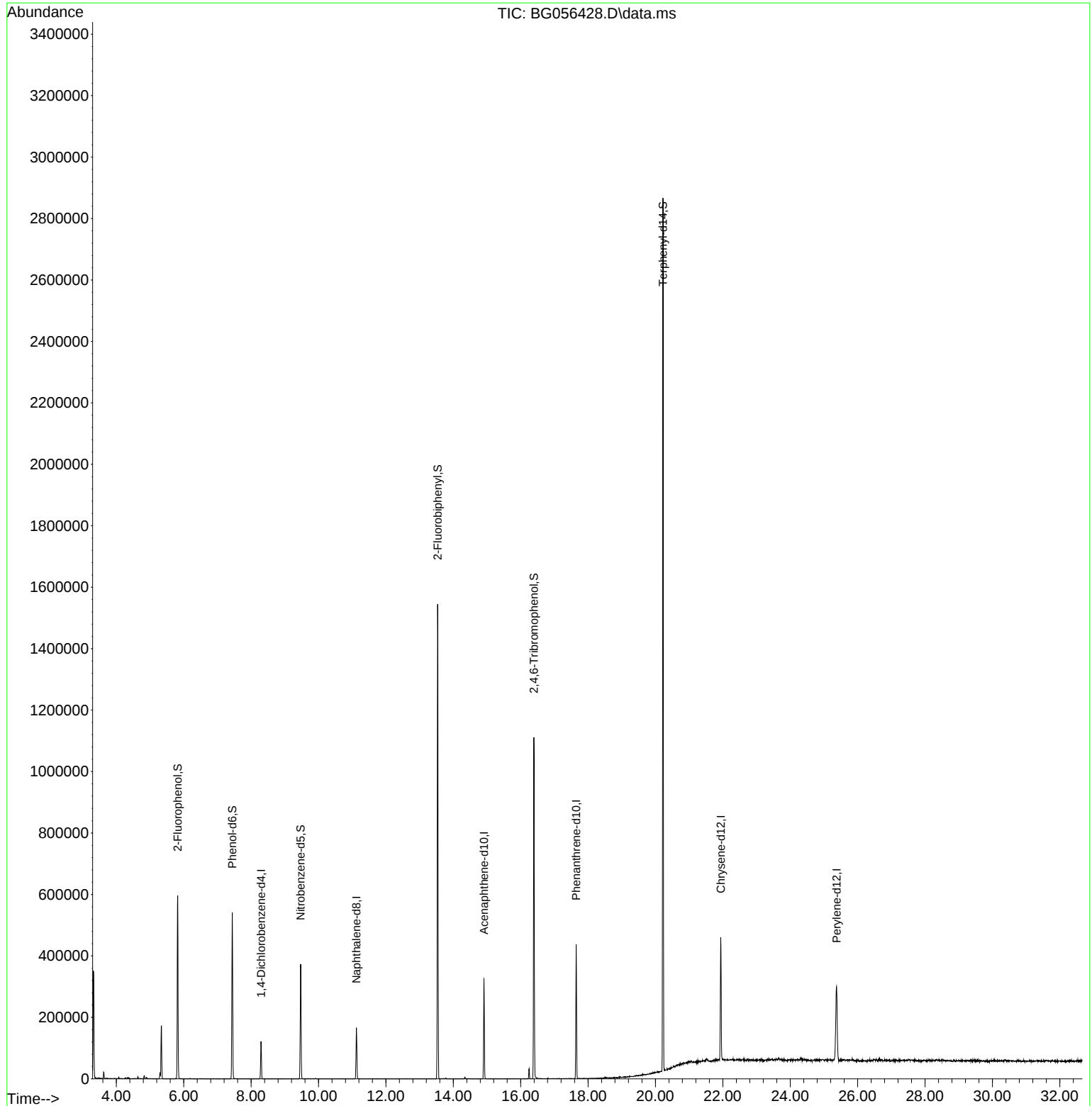
Target Compounds	Qvalue

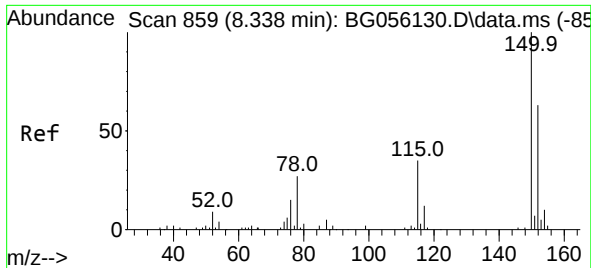
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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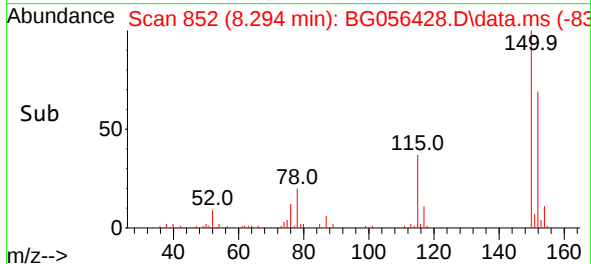
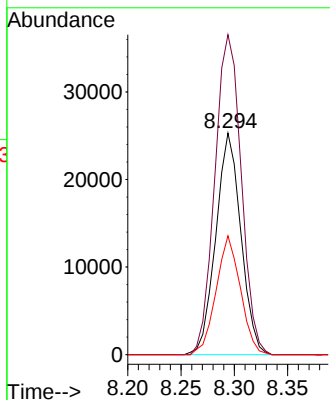
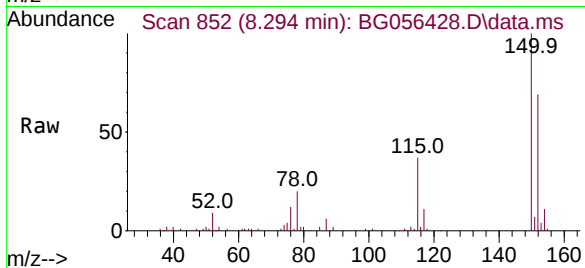




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

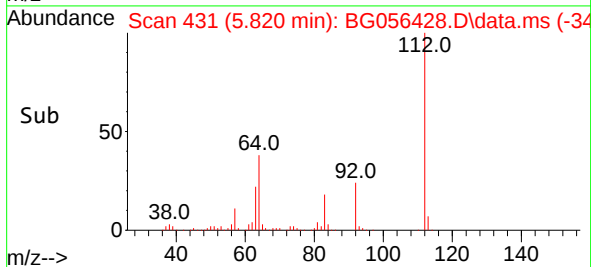
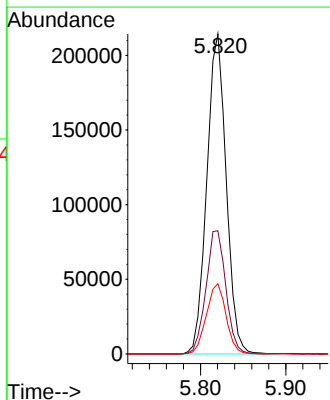
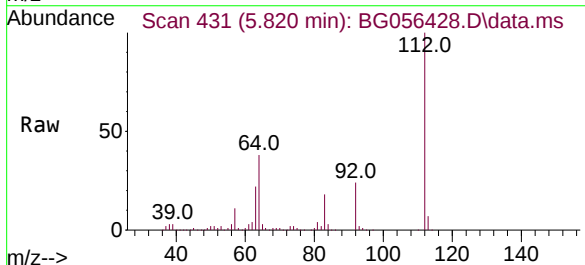
Instrument :
BNA_G
ClientSampleId :
TP-26

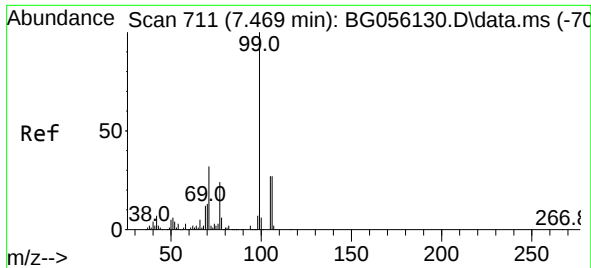
Tgt Ion:152 Resp: 41454
Ion Ratio Lower Upper
152 100
150 144.4 127.9 191.9
115 53.6 44.2 66.2



#5
2-Fluorophenol
Concen: 145.632 ng
RT: 5.820 min Scan# 431
Delta R.T. 0.007 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

Tgt Ion:112 Resp: 338114
Ion Ratio Lower Upper
112 100
64 38.5 33.3 49.9
63 21.9 19.0 28.4

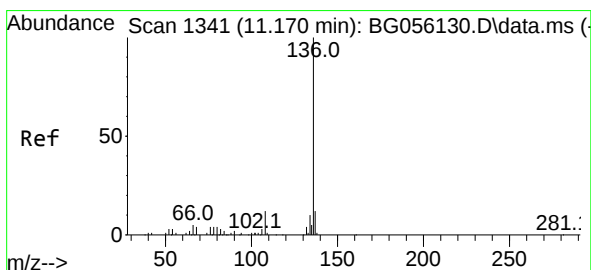
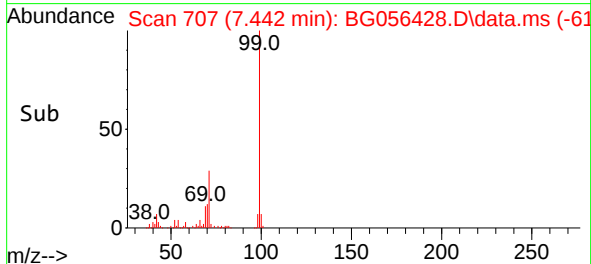
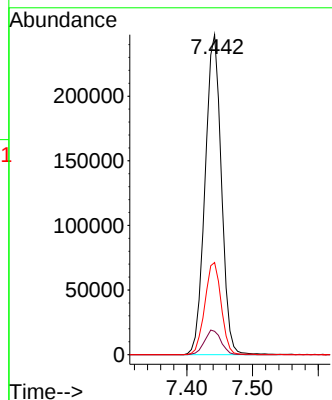
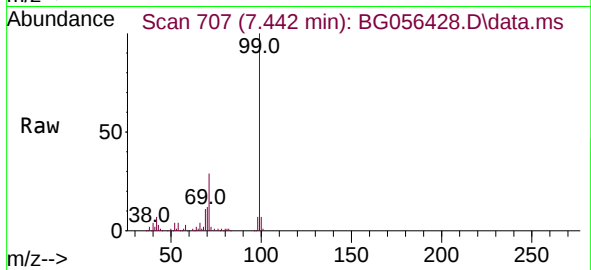




#7
Phenol-d6
Concen: 119.115 ng
RT: 7.442 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

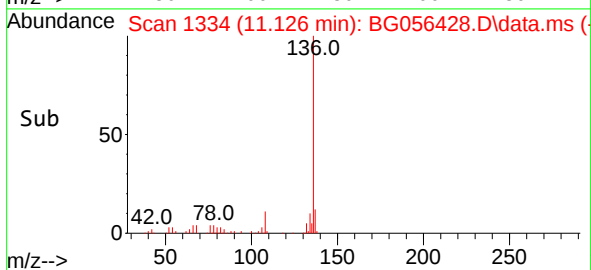
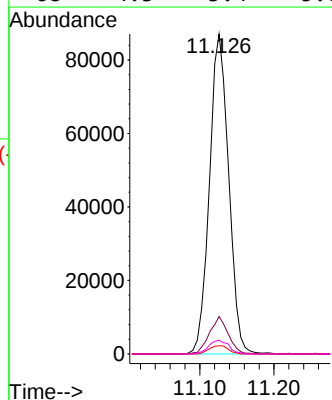
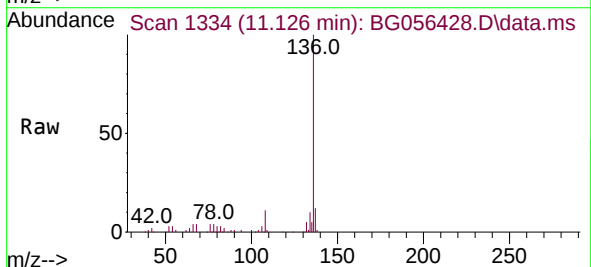
Instrument :
BNA_G
ClientSampleId :
TP-26

Tgt Ion: 99 Resp: 424701
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 28.8 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: BG056428.D
Acq: 25 Jan 2023 17:23

Tgt Ion:136 Resp: 156465
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 2.5 2.2 3.2
68 4.3 3.4 5.0





#23

Nitrobenzene-d5

Concen: 85.400 ng

RT: 9.469 min Scan# 1052

Delta R.T. -0.005 min

Lab File: BG056428.D

Acq: 25 Jan 2023 17:23

Instrument :

BNA_G

ClientSampleId :

TP-26

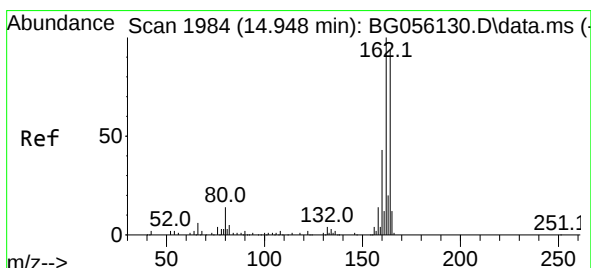
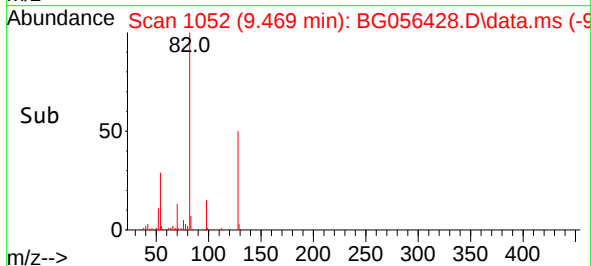
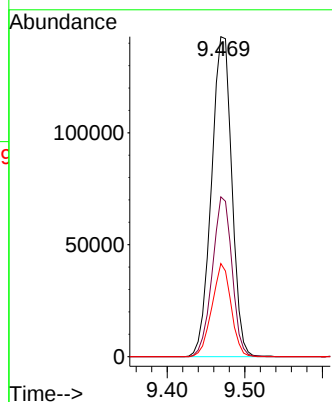
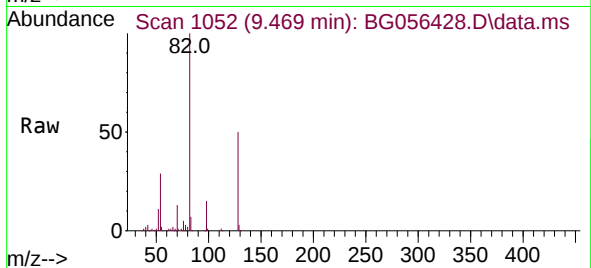
Tgt Ion: 82 Resp: 261227

Ion Ratio Lower Upper

82 100

128 49.9 33.4 50.2

54 29.1 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.910 min Scan# 1978

Delta R.T. -0.005 min

Lab File: BG056428.D

Acq: 25 Jan 2023 17:23

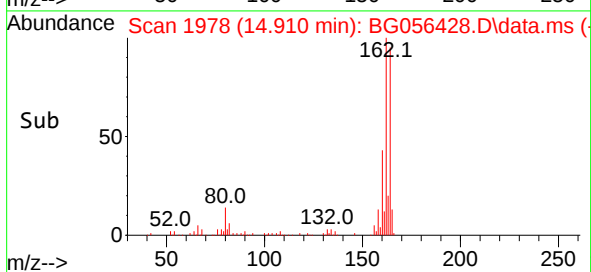
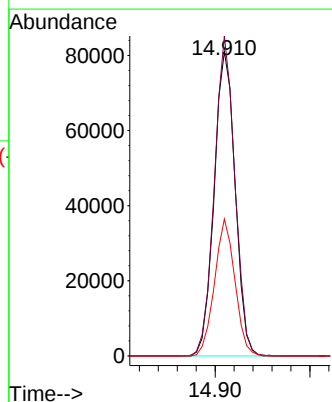
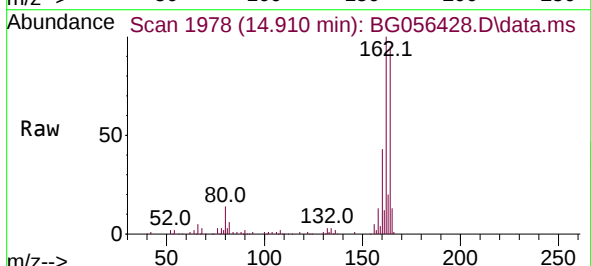
Tgt Ion:164 Resp: 124242

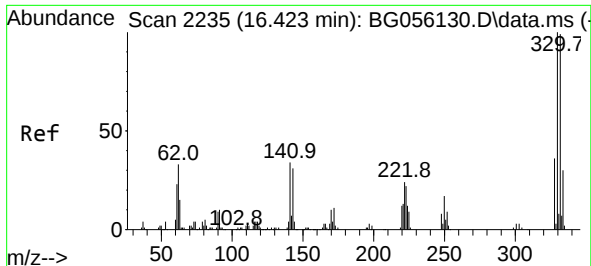
Ion Ratio Lower Upper

164 100

162 105.1 84.7 127.1

160 45.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 155.339 ng

RT: 16.390 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056428.D

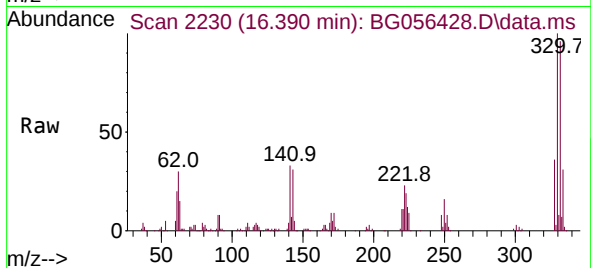
Acq: 25 Jan 2023 17:23

Instrument :

BNA_G

ClientSampleId :

TP-26



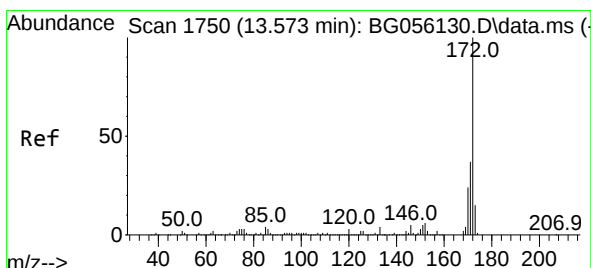
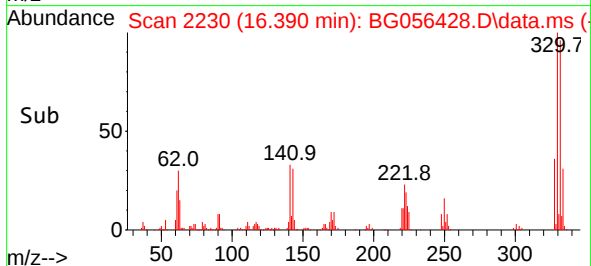
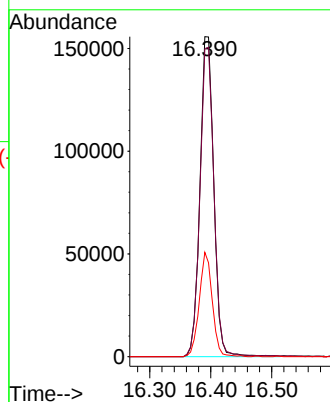
Tgt Ion:330 Resp: 244426

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 30.7 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 97.377 ng

RT: 13.535 min Scan# 1744

Delta R.T. -0.005 min

Lab File: BG056428.D

Acq: 25 Jan 2023 17:23

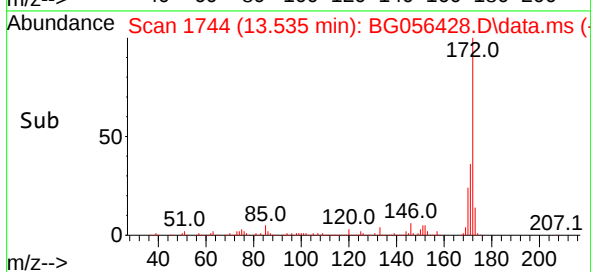
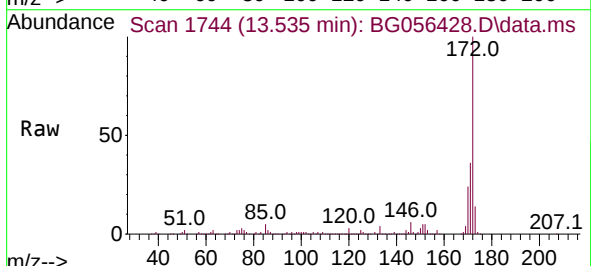
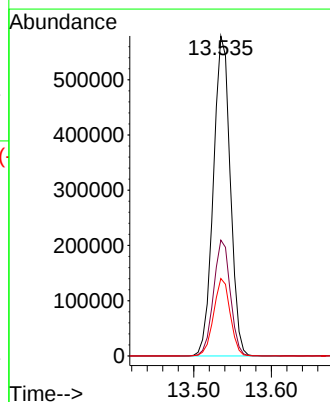
Tgt Ion:172 Resp: 876123

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

170 24.2 19.4 29.2

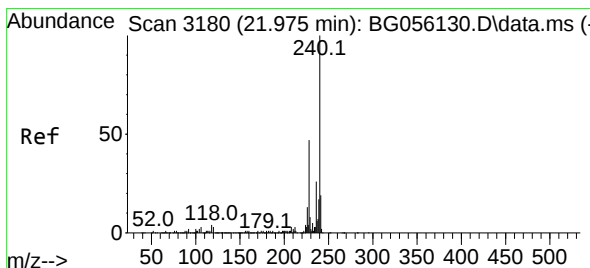
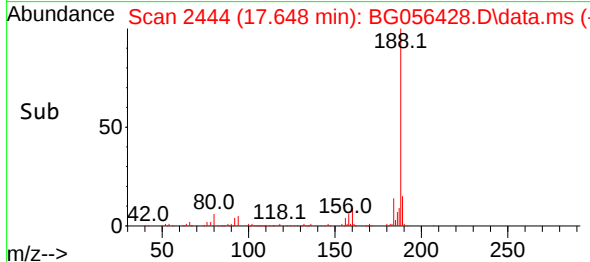
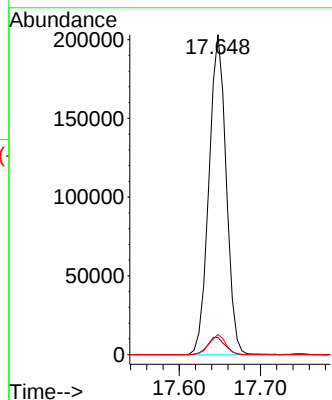
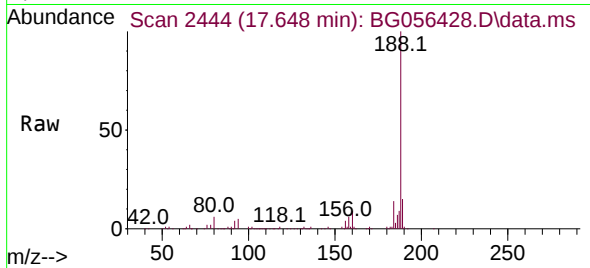




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

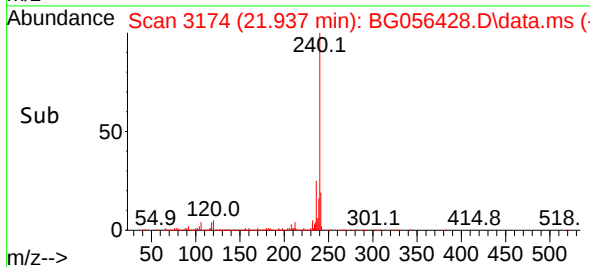
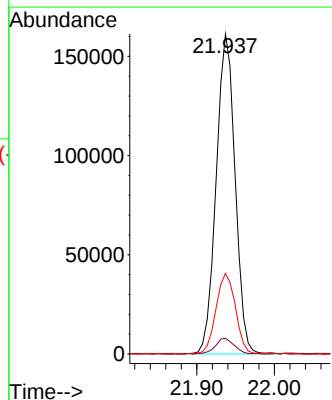
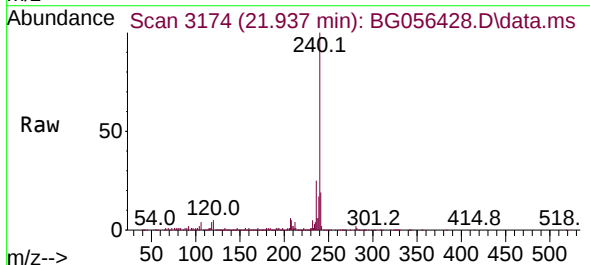
Instrument :
BNA_G
ClientSampleId :
TP-26

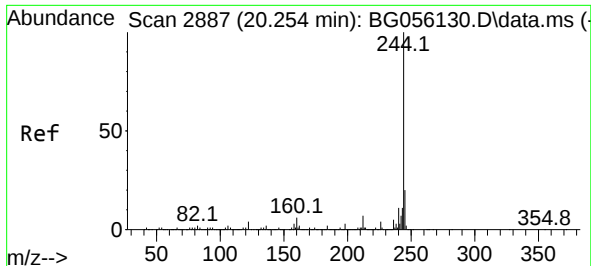
Tgt Ion:188	Resp:	299727	
Ion Ratio	Lower	Upper	
188 100			
94 5.4	4.2	6.2	
80 6.3	5.0	7.4	



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

Tgt Ion:240	Resp:	273853	
Ion	Ratio	Lower	Upper
240	100		
120	4.9	2.6	4.0#
236	25.1	20.8	31.2

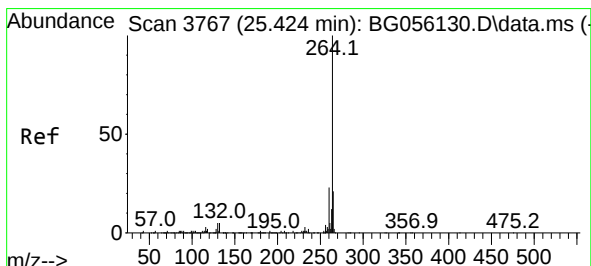
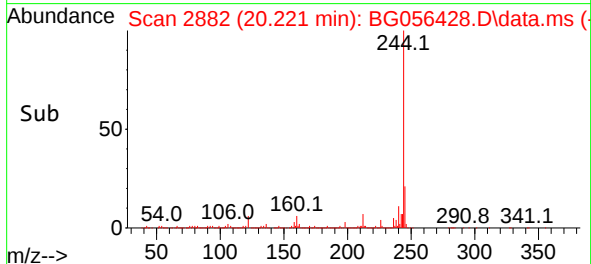
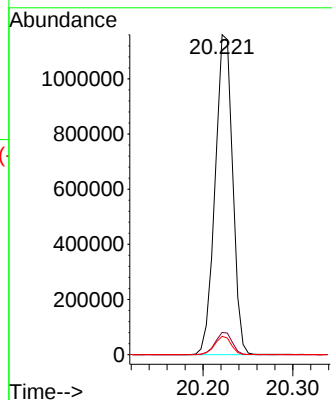
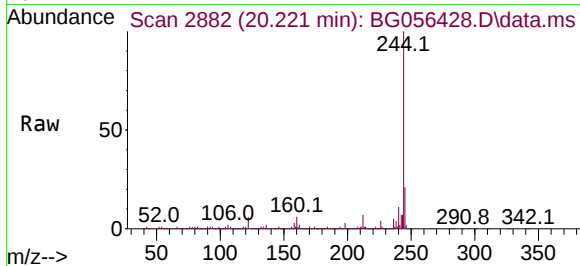




#79
 Terphenyl-d14
 Concen: 102.992 ng
 RT: 20.221 min Scan# 2887
 Delta R.T. -0.005 min
 Lab File: BG056428.D
 Acq: 25 Jan 2023 17:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-26

Tgt Ion:244 Resp: 1574755
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 5.7 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.374 min Scan# 3759
 Delta R.T. 0.001 min
 Lab File: BG056428.D
 Acq: 25 Jan 2023 17:23

Tgt Ion:264 Resp: 298469
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 22.8 16.7 25.1

