

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056429.D
 Acq On : 25 Jan 2023 18:04
 Operator : CG/JU
 Sample : 01260-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-23

Quant Time: Jan 26 01:12:54 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	41296	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	154032	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	122974	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	300120	20.000	ng	0.00
76) Chrysene-d12	21.937	240	275043	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	294788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.821	112	320388	138.525	ng	0.00
7) Phenol-d6	7.442	99	405142	114.064	ng	0.00
23) Nitrobenzene-d5	9.469	82	249773	82.946	ng	0.00
42) 2,4,6-Tribromophenol	16.391	330	235470	151.190	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	829870	93.188	ng	0.00
79) Terphenyl-d14	20.222	244	1515305	98.675	ng	0.00

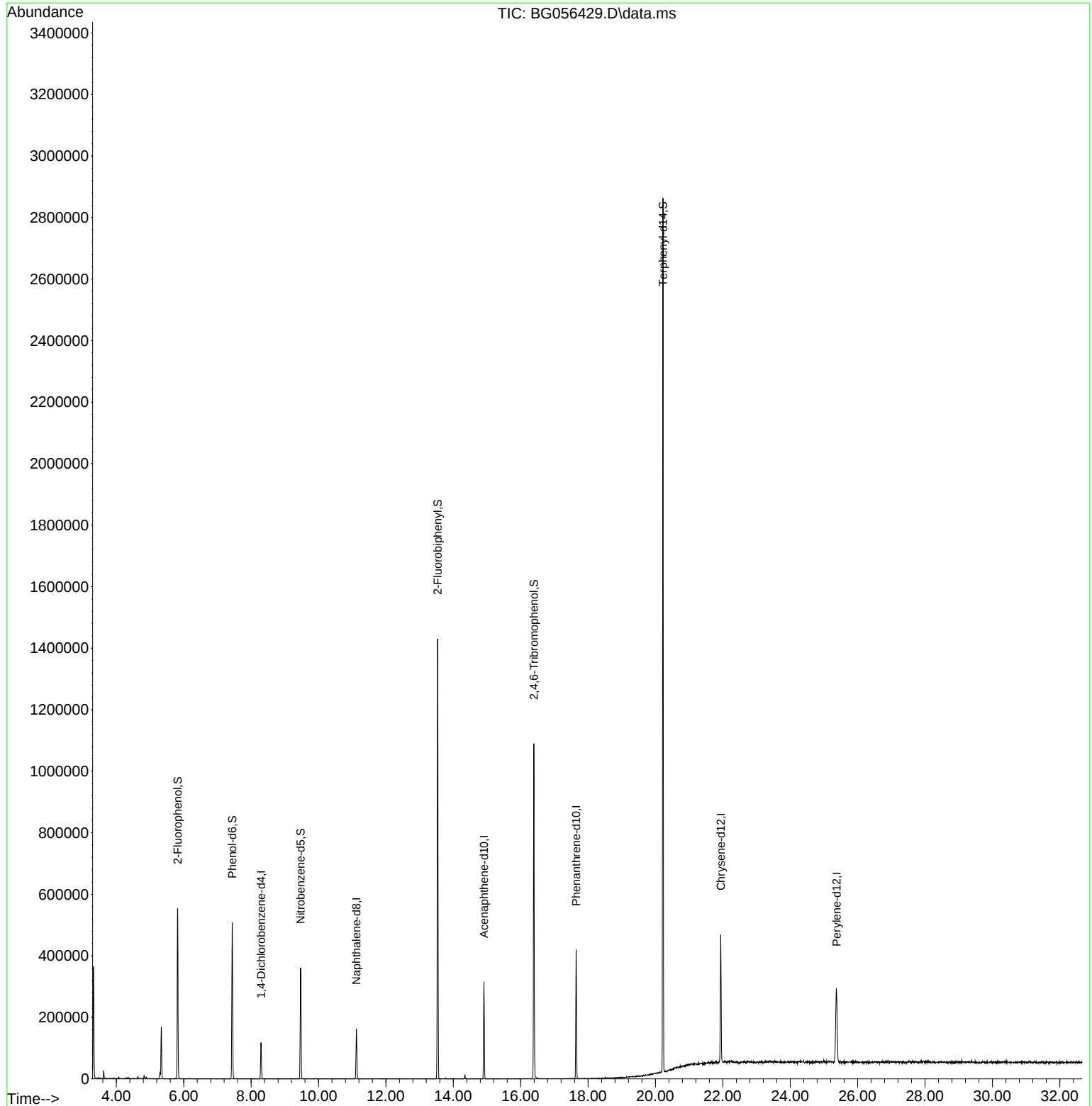
Target Compounds Qvalue

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

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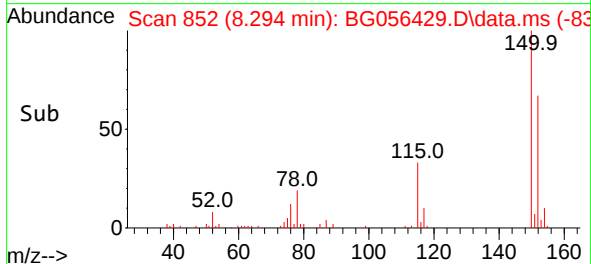
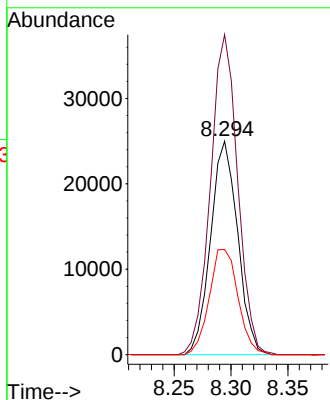
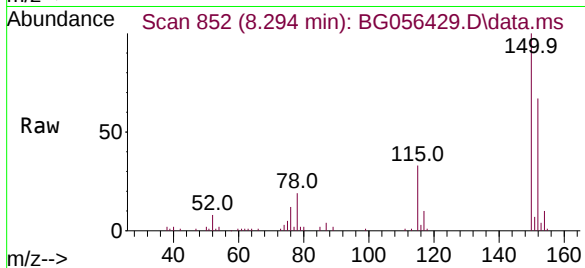




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

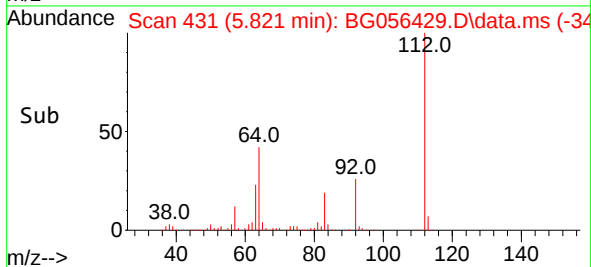
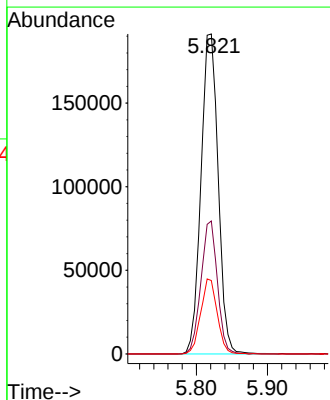
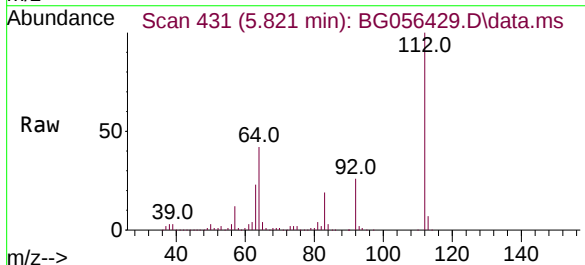
Instrument :
BNA_G
ClientSampleId :
TP-23

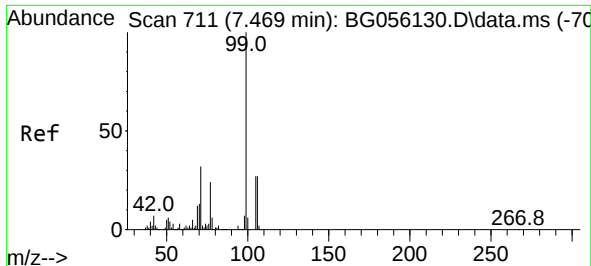
Tgt Ion:152 Resp: 41296
Ion Ratio Lower Upper
152 100
150 150.0 127.9 191.9
115 49.3 44.2 66.2



#5
2-Fluorophenol
Concen: 138.525 ng
RT: 5.821 min Scan# 431
Delta R.T. 0.007 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

Tgt Ion:112 Resp: 320388
Ion Ratio Lower Upper
112 100
64 41.5 33.3 49.9
63 22.9 19.0 28.4

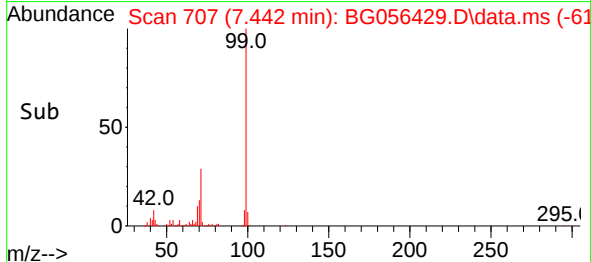
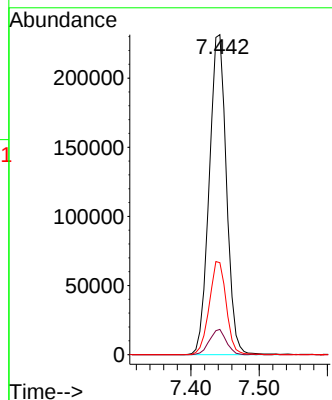
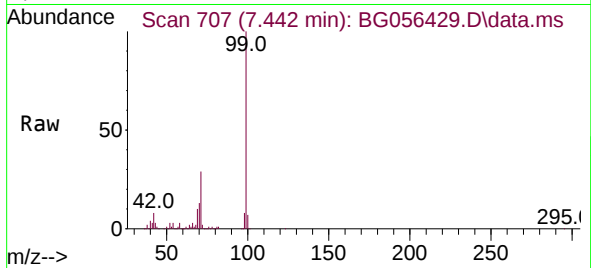




#7
Phenol-d6
Concen: 114.064 ng
RT: 7.442 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

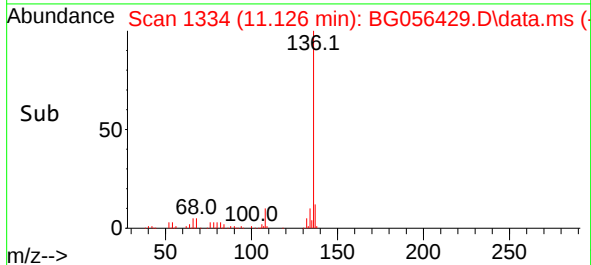
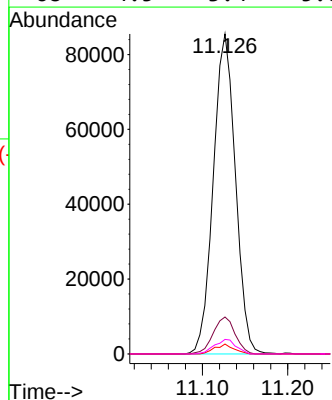
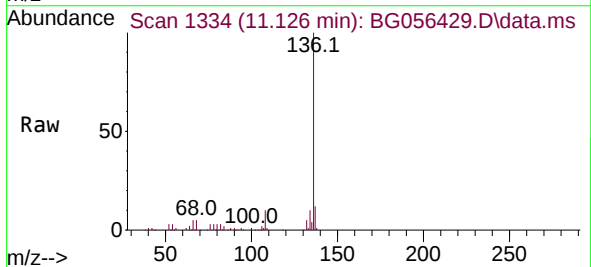
Instrument :
BNA_G
ClientSampleId :
TP-23

Tgt Ion: 99 Resp: 405142
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 28.7 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: BG056429.D
Acq: 25 Jan 2023 18:04

Tgt Ion: 136 Resp: 154032
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 3.1 2.2 3.2
68 4.5 3.4 5.0





#23

Nitrobenzene-d5

Concen: 82.946 ng

RT: 9.469 min Scan# 1052

Delta R.T. -0.005 min

Lab File: BG056429.D

Acq: 25 Jan 2023 18:04

Instrument :

BNA_G

ClientSampleId :

TP-23

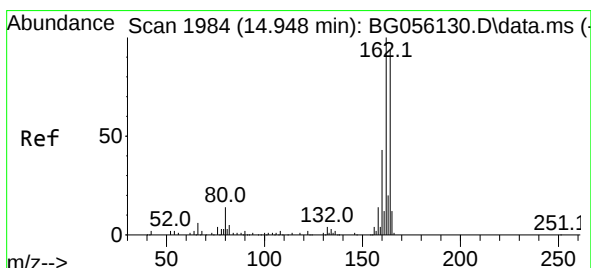
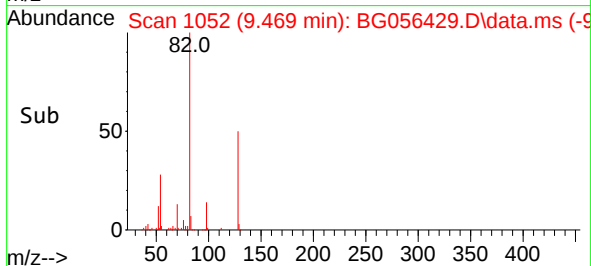
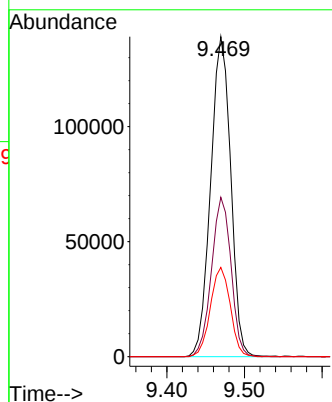
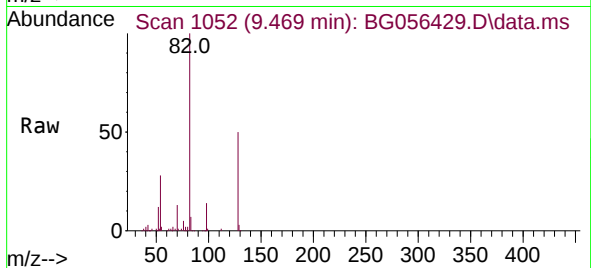
Tgt Ion: 82 Resp: 249773

Ion Ratio Lower Upper

82 100

128 49.8 33.4 50.2

54 27.9 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: BG056429.D

Acq: 25 Jan 2023 18:04

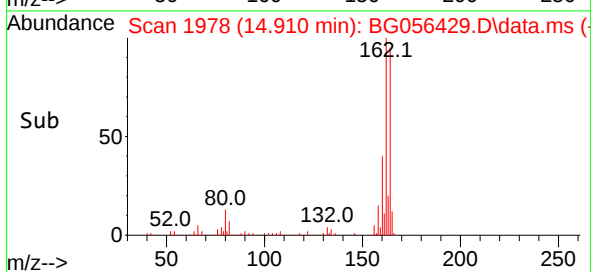
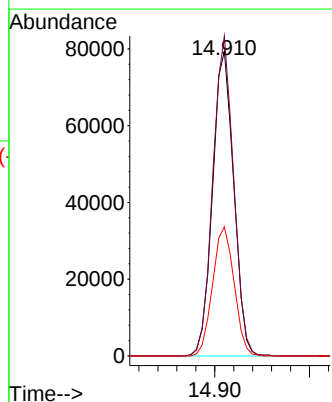
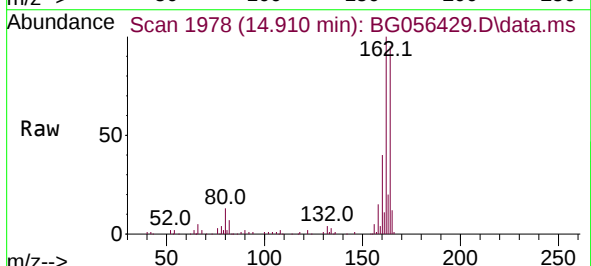
Tgt Ion:164 Resp: 122974

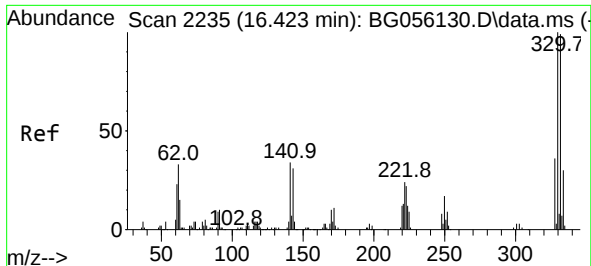
Ion Ratio Lower Upper

164 100

162 105.0 84.7 127.1

160 42.4 36.3 54.5

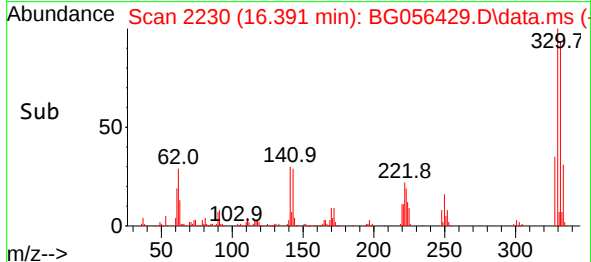
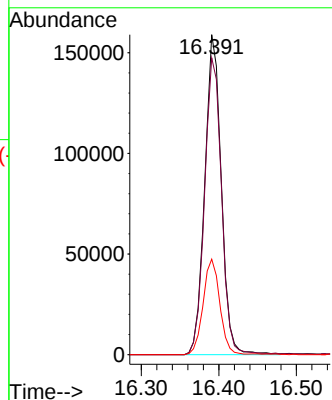
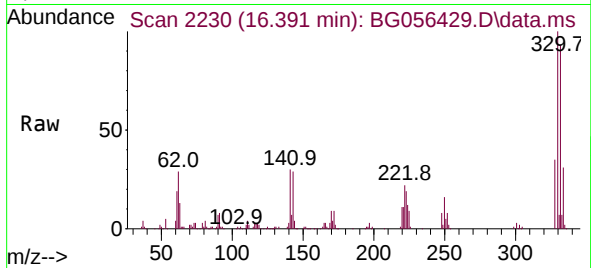




#42
2,4,6-Tribromophenol
Concen: 151.190 ng
RT: 16.391 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

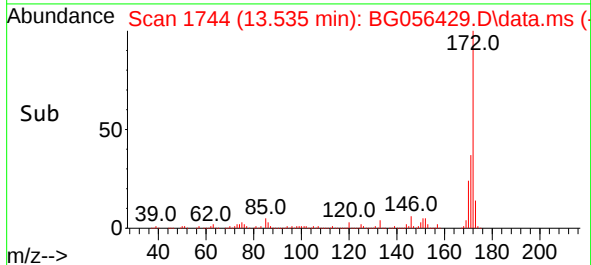
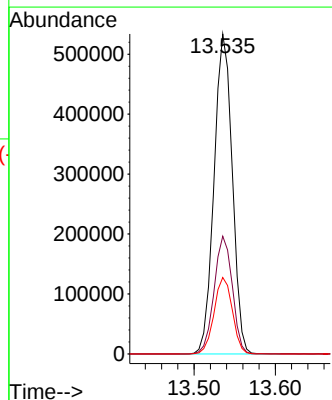
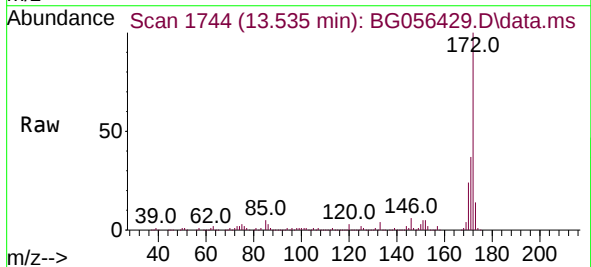
Instrument :
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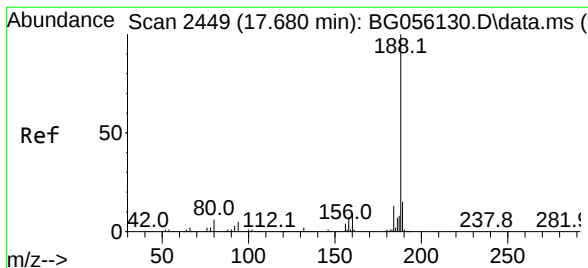
Tgt Ion:330 Resp: 235470
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 30.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 93.188 ng
RT: 13.535 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

Tgt Ion:172 Resp: 829870
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 23.9 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.648 min Scan# 2444

Delta R.T. -0.005 min

Lab File: BG056429.D

Acq: 25 Jan 2023 18:04

Instrument :

BNA_G

ClientSampleId :

TP-23

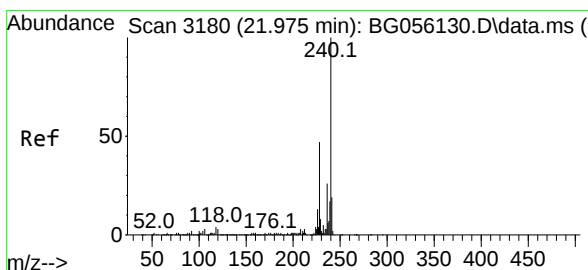
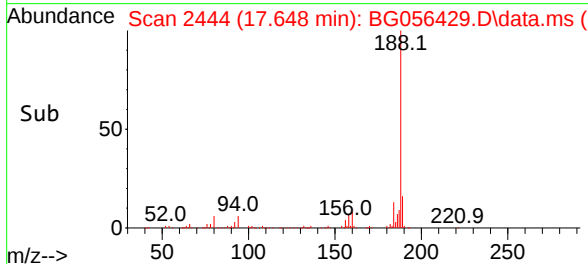
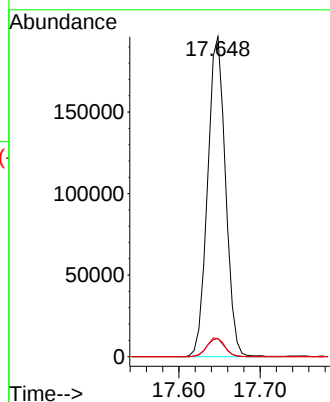
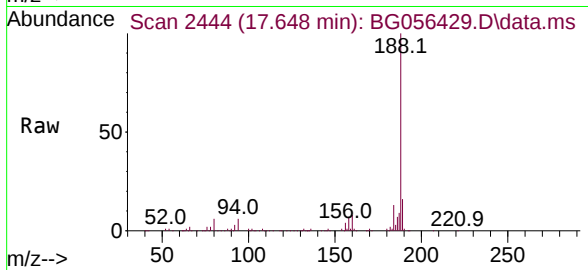
Tgt Ion:188 Resp: 300120

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

80 5.6 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: BG056429.D

Acq: 25 Jan 2023 18:04

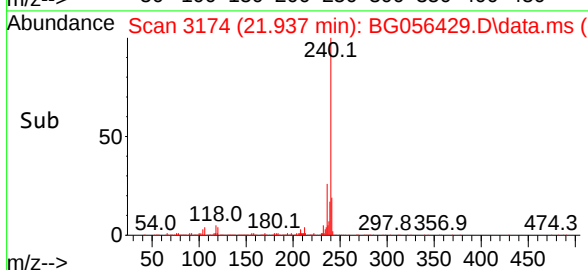
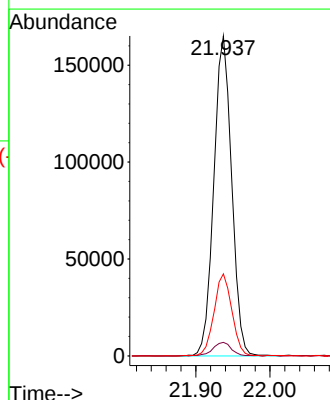
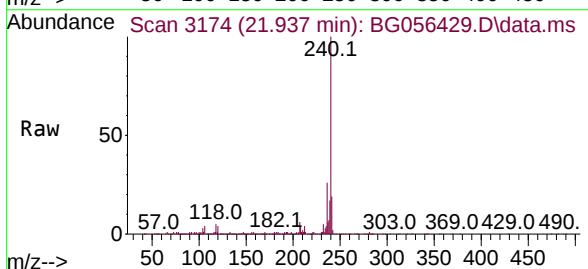
Tgt Ion:240 Resp: 275043

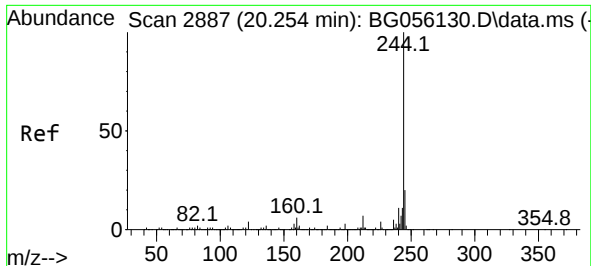
Ion Ratio Lower Upper

240 100

120 4.2 2.6 4.0#

236 25.6 20.8 31.2

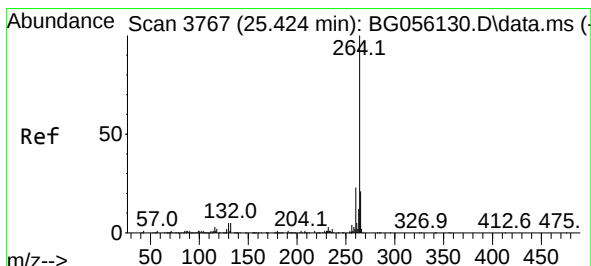
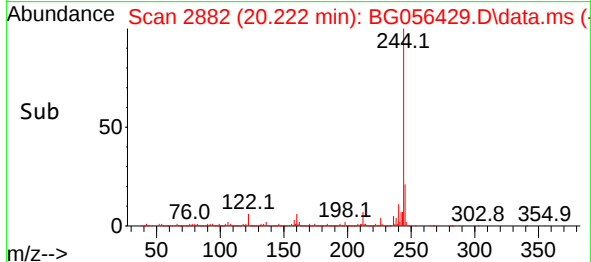
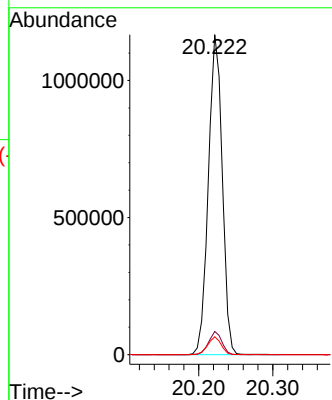
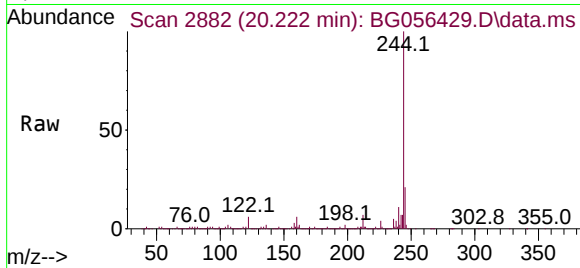




#79
 Terphenyl-d14
 Concen: 98.675 ng
 RT: 20.222 min Scan# 2882
 Delta R.T. -0.005 min
 Lab File: BG056429.D
 Acq: 25 Jan 2023 18:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-23

Tgt Ion:244 Resp: 1515305
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.6 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: BG056429.D
 Acq: 25 Jan 2023 18:04

Tgt Ion:264 Resp: 294788
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.6 28.0
 265 21.7 16.7 25.1

