

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056387.D
 Acq On : 23 Jan 2023 17:05
 Operator : CG/JU
 Sample : 01251-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Jan 24 01:22:43 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	8.300	152	33830	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	126507	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	105912	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	305471	20.000	ng	-0.01
76) Chrysene-d12	21.942	240	303190	20.000	ng	#-0.01
86) Perylene-d12	25.374	264	317822	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	285425	150.643	ng	0.00
7) Phenol-d6	7.442	99	382058	131.303	ng	0.00
23) Nitrobenzene-d5	9.475	82	227041	91.801	ng	-0.01
42) 2,4,6-Tribromophenol	16.396	330	244559	182.322	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	735052	95.837	ng	0.00
79) Terphenyl-d14	20.227	244	1826664	107.907	ng	0.00

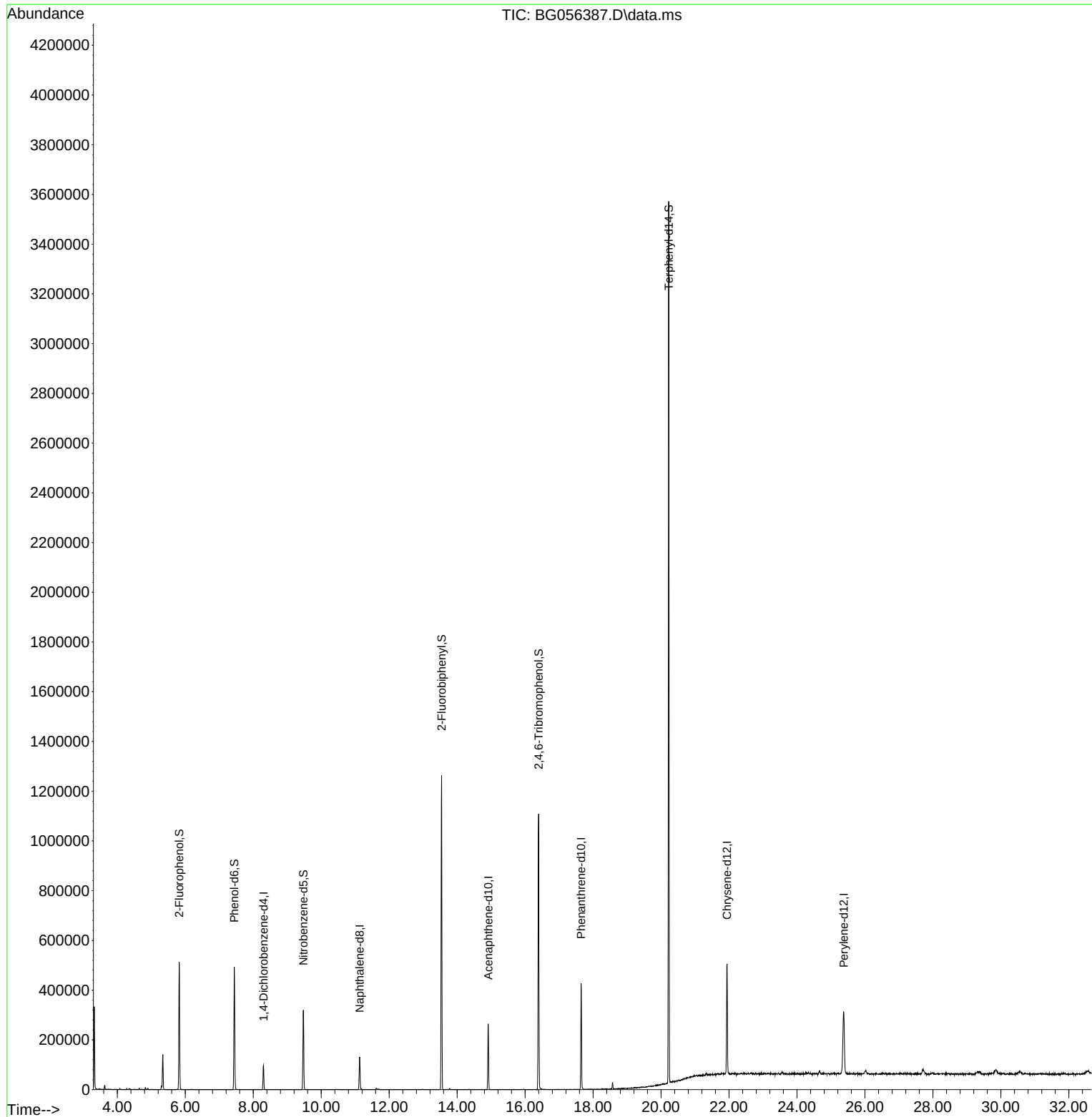
Target Compounds	Qvalue

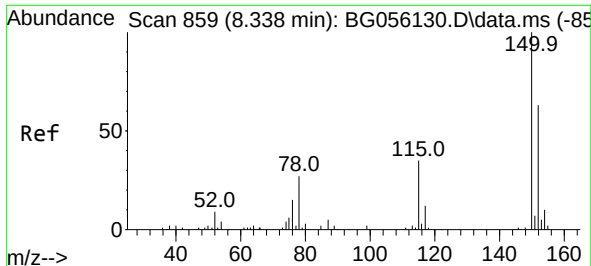
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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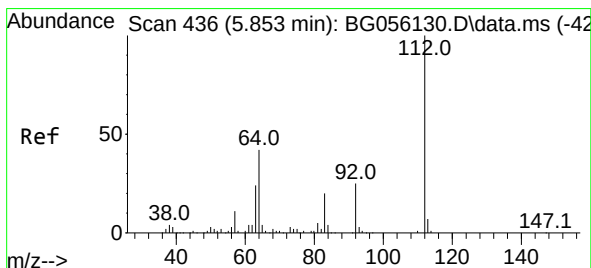
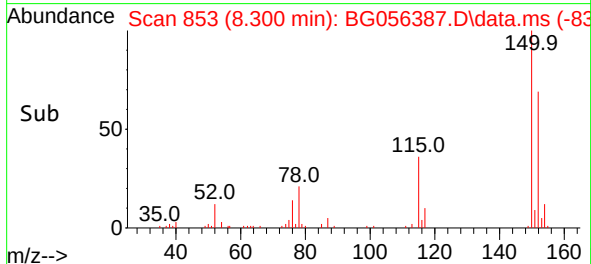
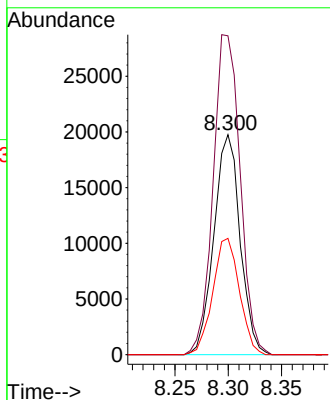
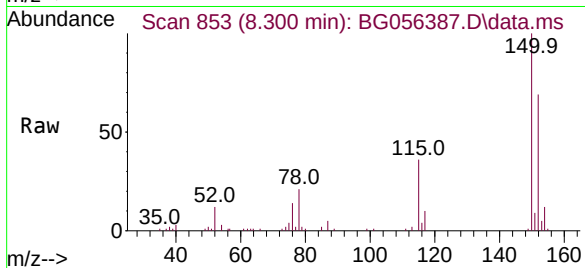




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

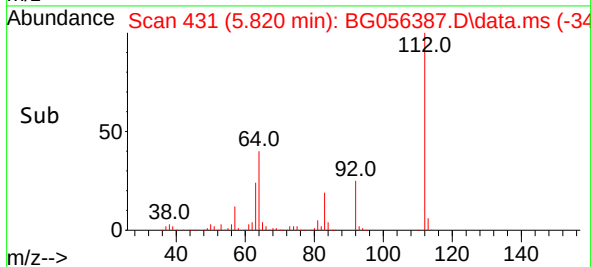
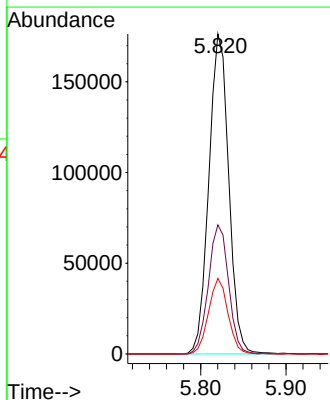
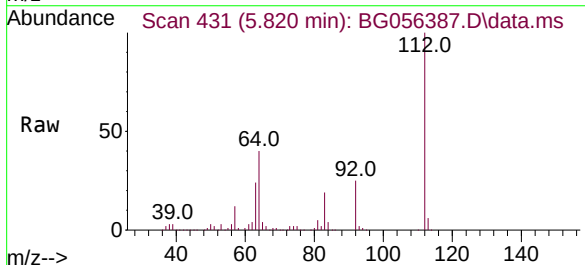
Instrument :
BNA_G
ClientSampleId :
COMP-2

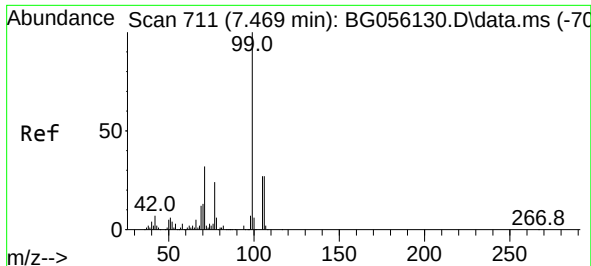
Tgt Ion:152 Resp: 33830
Ion Ratio Lower Upper
152 100
150 145.0 127.9 191.9
115 52.9 44.2 66.2



#5
2-Fluorophenol
Concen: 150.643 ng
RT: 5.820 min Scan# 431
Delta R.T. -0.006 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

Tgt Ion:112 Resp: 285425
Ion Ratio Lower Upper
112 100
64 40.3 33.3 49.9
63 23.6 19.0 28.4

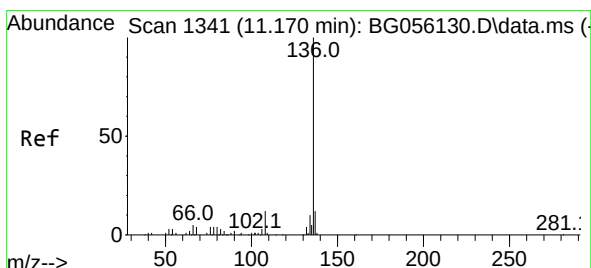
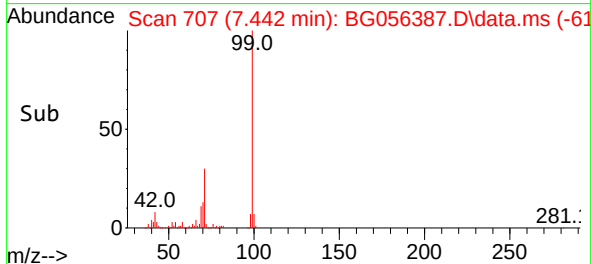
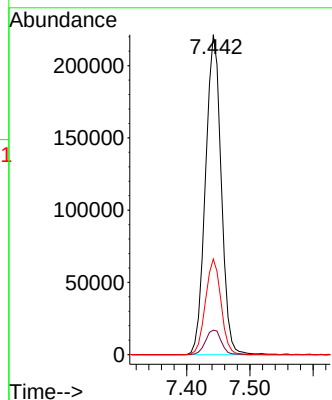
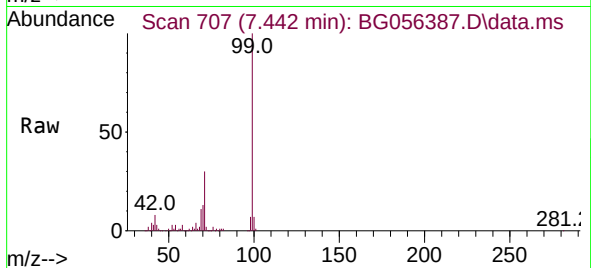




#7
Phenol-d6
Concen: 131.303 ng
RT: 7.442 min Scan# 707
Delta R.T. -0.006 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

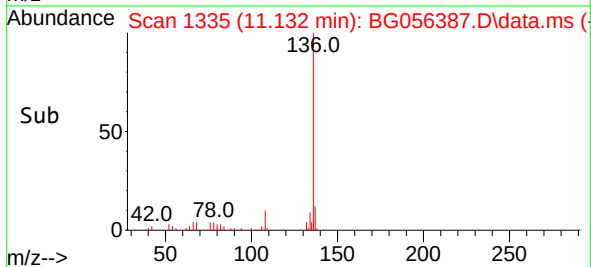
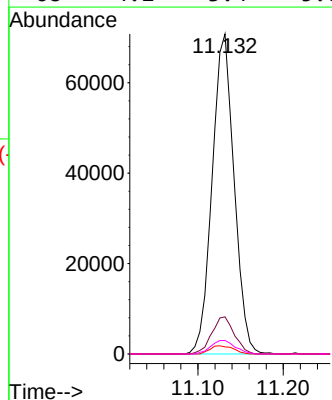
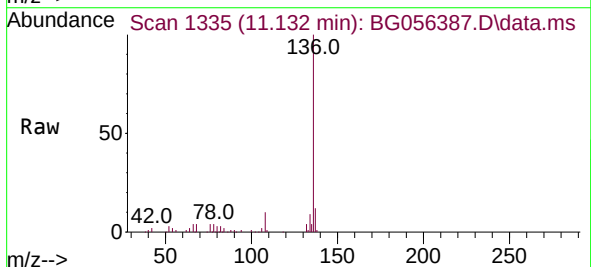
Instrument :
BNA_G
ClientSampleId :
COMP-2

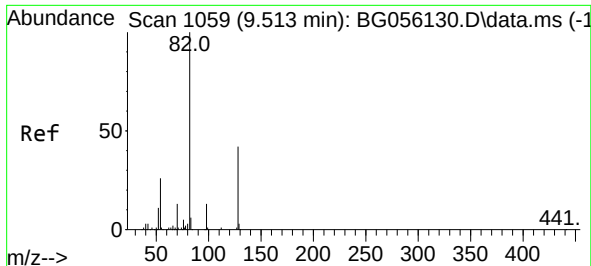
Tgt Ion: 99 Resp: 382058
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 29.9 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

Tgt Ion: 136 Resp: 126507
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 2.2 2.2 3.2
68 4.2 3.4 5.0





#23

Nitrobenzene-d5

Concen: 91.801 ng

RT: 9.475 min Scan# 1053

Delta R.T. -0.012 min

Lab File: BG056387.D

Acq: 23 Jan 2023 17:05

Instrument :

BNA_G

ClientSampleId :

COMP-2

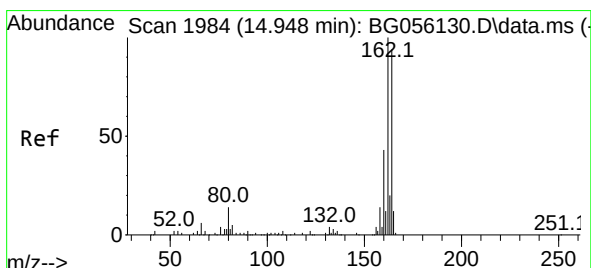
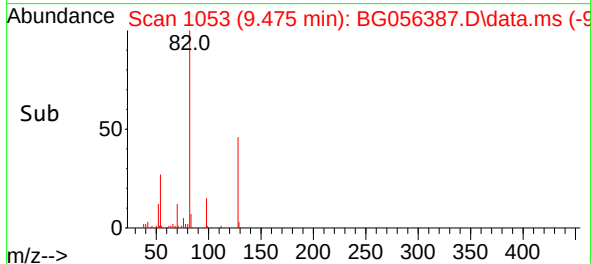
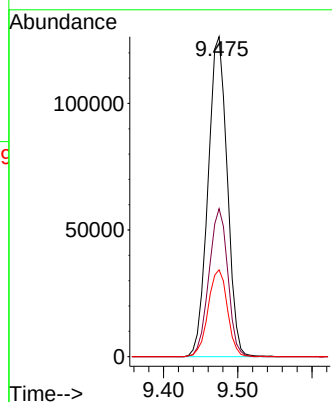
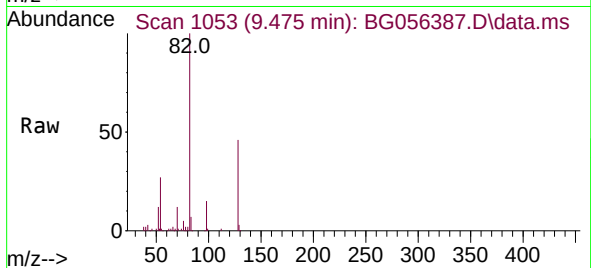
Tgt Ion: 82 Resp: 227041

Ion Ratio Lower Upper

82 100

128 46.2 33.4 50.2

54 27.1 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.915 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BG056387.D

Acq: 23 Jan 2023 17:05

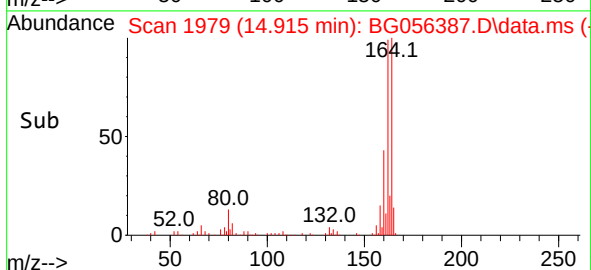
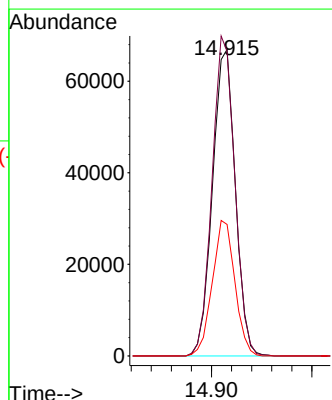
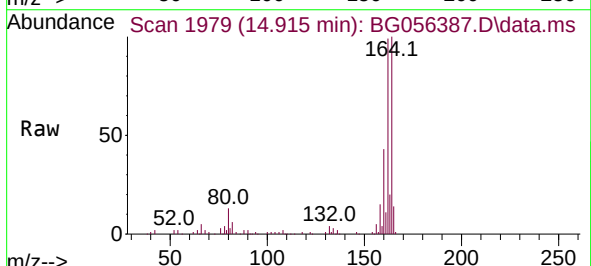
Tgt Ion:164 Resp: 105912

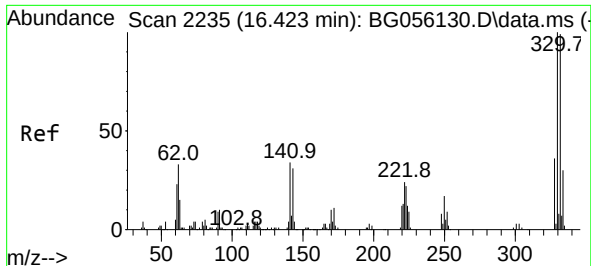
Ion Ratio Lower Upper

164 100

162 99.3 84.7 127.1

160 42.9 36.3 54.5

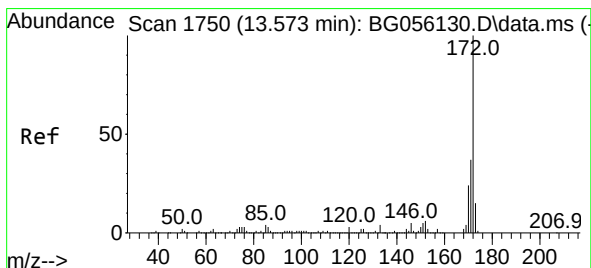
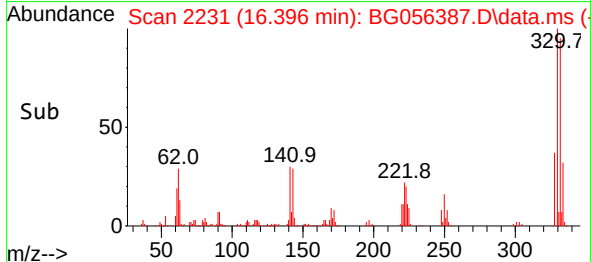
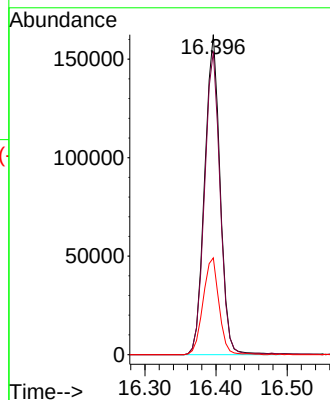
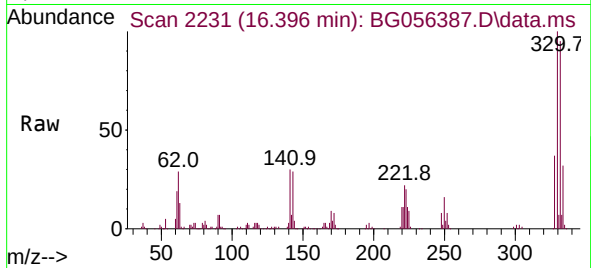




#42
 2,4,6-Tribromophenol
 Concen: 182.322 ng
 RT: 16.396 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056387.D
 Acq: 23 Jan 2023 17:05

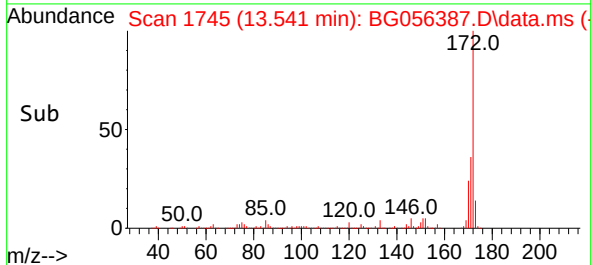
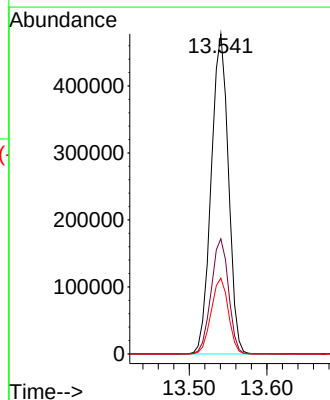
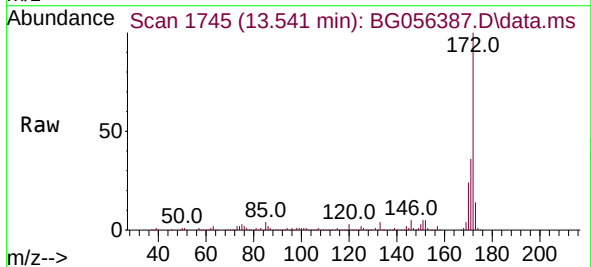
Instrument :
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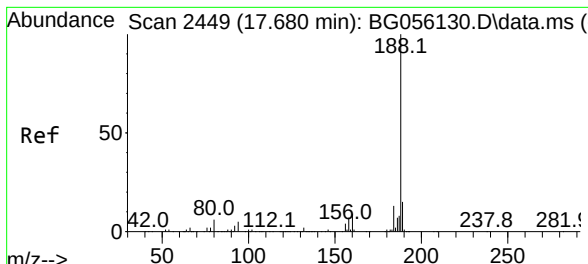
Tgt Ion:330 Resp: 244559
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.3 115.9
 141 31.1 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 95.837 ng
 RT: 13.541 min Scan# 1745
 Delta R.T. -0.006 min
 Lab File: BG056387.D
 Acq: 23 Jan 2023 17:05

Tgt Ion:172 Resp: 735052
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.7 19.4 29.2

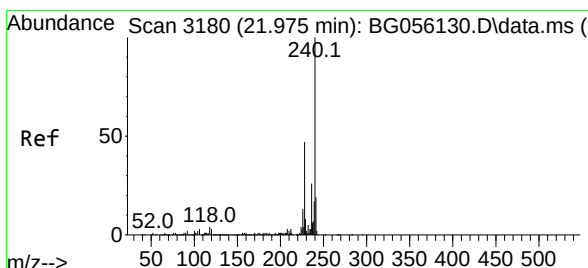
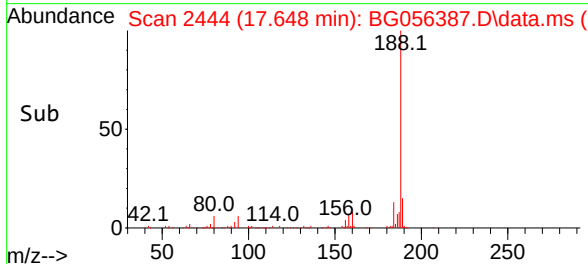
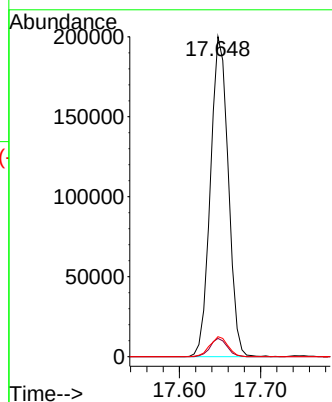
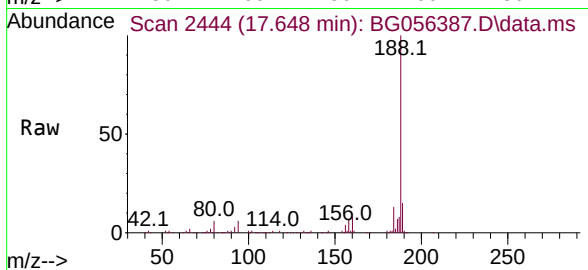




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2444
Delta R.T. -0.012 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

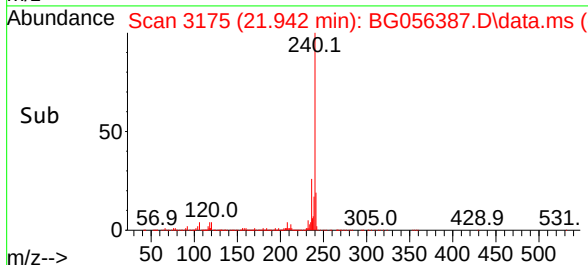
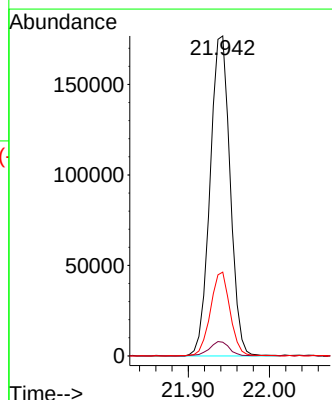
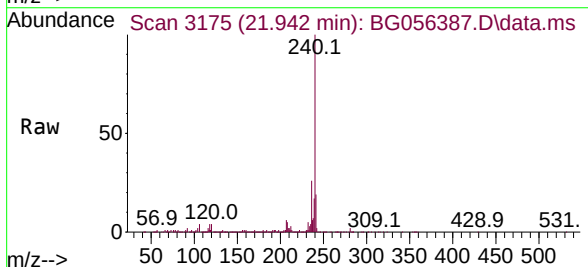
Instrument :
BNA_G
ClientSampleId :
COMP-2

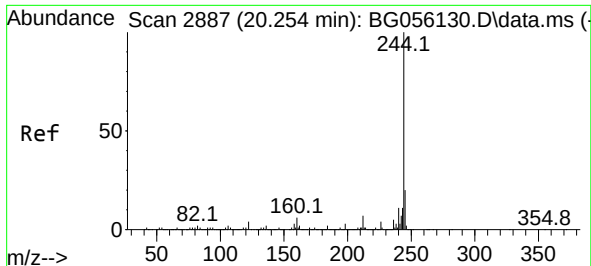
Tgt Ion:188 Resp: 305471
Ion Ratio Lower Upper
188 100
94 5.7 4.2 6.2
80 6.2 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.942 min Scan# 3175
Delta R.T. -0.012 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

Tgt Ion:240 Resp: 303190
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 26.2 20.8 31.2

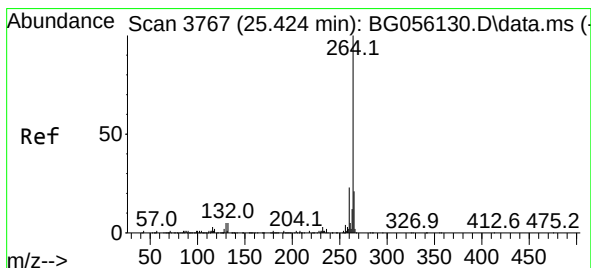
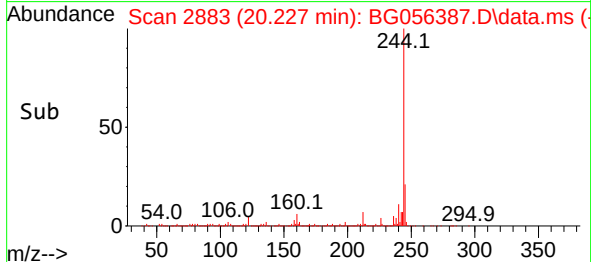
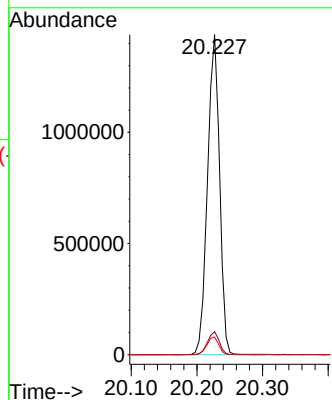
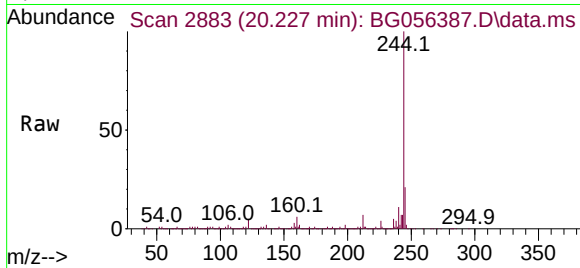




#79
 Terphenyl-d14
 Concen: 107.907 ng
 RT: 20.227 min Scan# 2883
 Delta R.T. -0.006 min
 Lab File: BG056387.D
 Acq: 23 Jan 2023 17:05

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Tgt Ion:244 Resp: 1826664
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.5 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.374 min Scan# 3759
 Delta R.T. -0.018 min
 Lab File: BG056387.D
 Acq: 23 Jan 2023 17:05

Tgt Ion:264 Resp: 317822
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.7 16.7 25.1

