

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056405.D
 Acq On : 24 Jan 2023 16:25
 Operator : CG/JU
 Sample : 01260-22
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-28

Quant Time: Jan 25 05:32:00 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	8.297	152	35700	20.000	ng	0.00
21) Naphthalene-d8	11.123	136	129895	20.000	ng	0.00
39) Acenaphthene-d10	14.907	164	107809	20.000	ng	0.00
64) Phenanthrene-d10	17.645	188	286623	20.000	ng	0.00
76) Chrysene-d12	21.934	240	276134	20.000	ng	# 0.00
86) Perylene-d12	25.359	264	298621	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.818	112	235662	117.864	ng	0.00
7) Phenol-d6	7.439	99	318914	103.861	ng	0.00
23) Nitrobenzene-d5	9.466	82	164923	64.945	ng	0.00
42) 2,4,6-Tribromophenol	16.388	330	172872	126.611	ng	0.00
45) 2-Fluorobiphenyl	13.538	172	557303	71.384	ng	0.00
79) Terphenyl-d14	20.218	244	1183334	76.753	ng	0.00

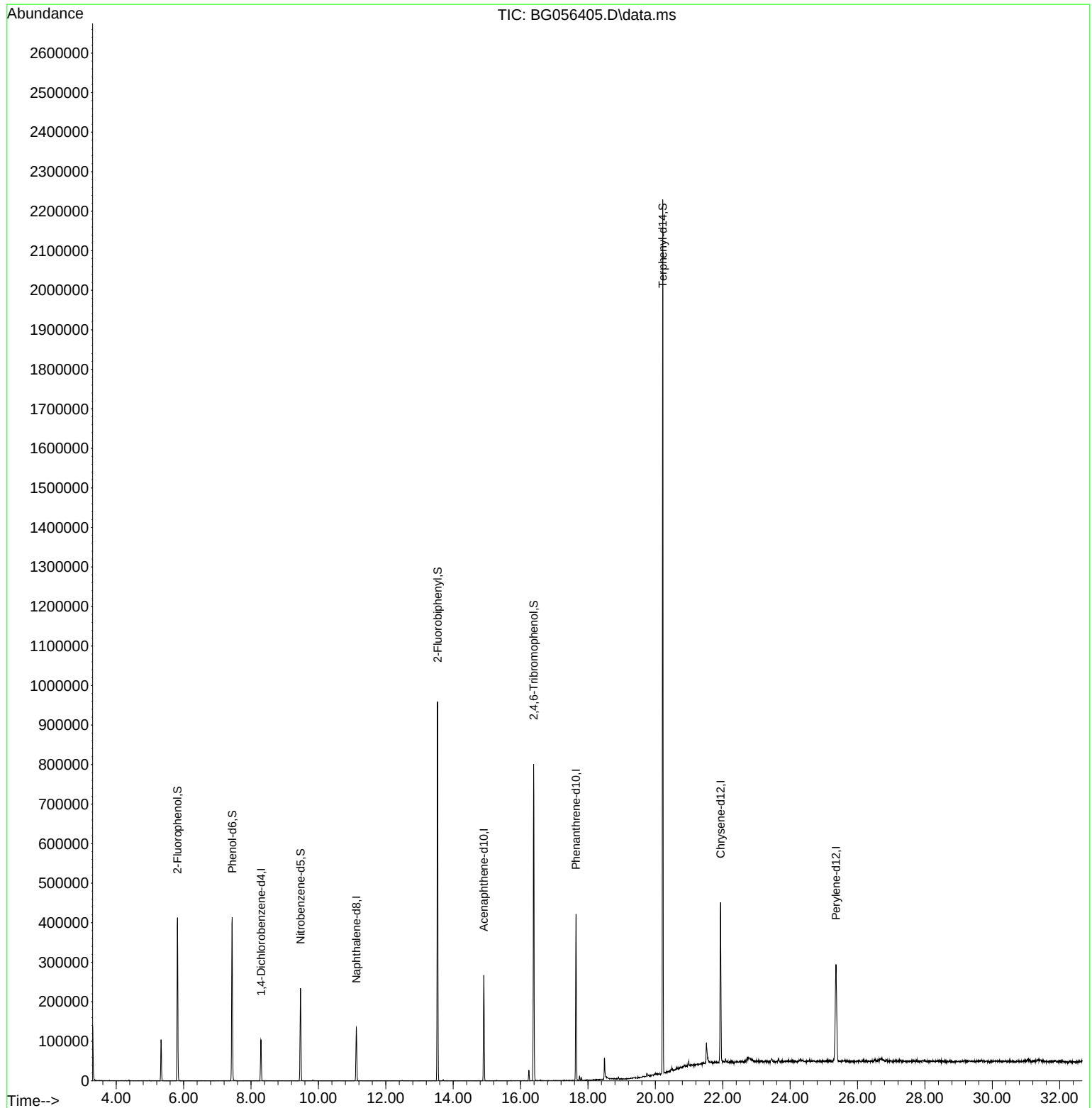
Target Compounds	Qvalue

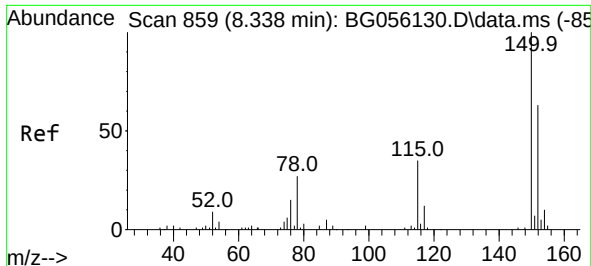
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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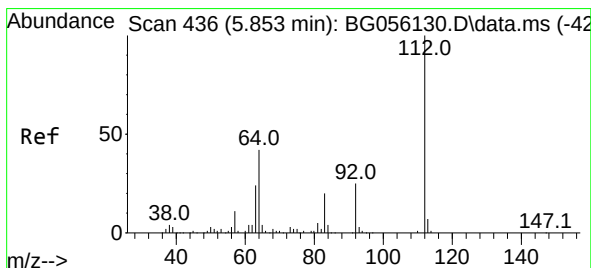
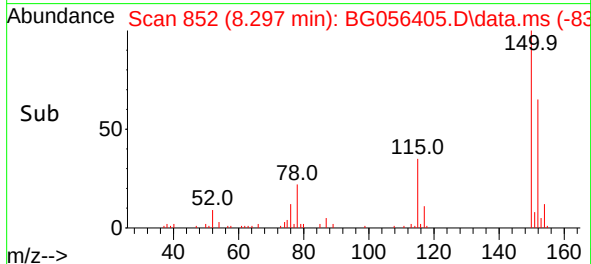
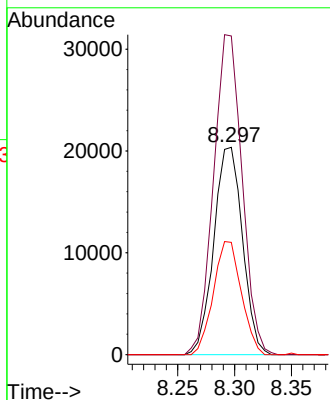
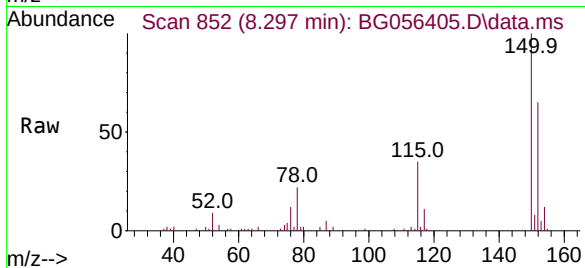




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.297 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: BG056405.D
 Acq: 24 Jan 2023 16:25

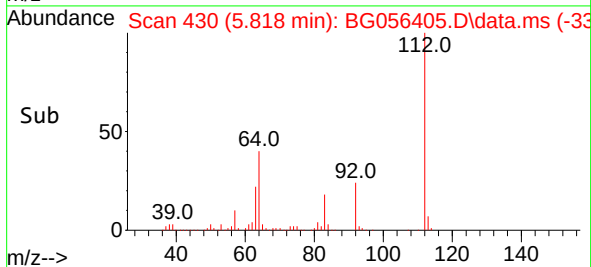
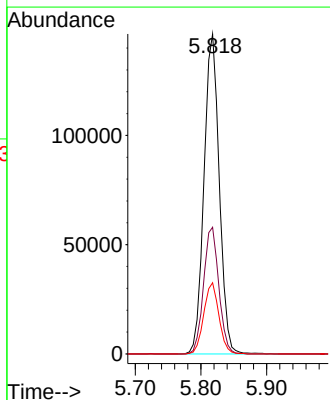
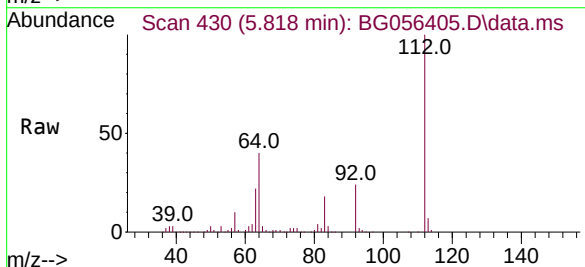
Instrument :
 BNA_G
 ClientSampleId :
 TP-28

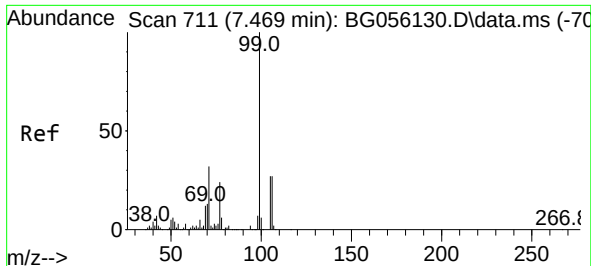
Tgt Ion:152 Resp: 35700
 Ion Ratio Lower Upper
 152 100
 150 153.7 127.9 191.9
 115 54.1 44.2 66.2



#5
 2-Fluorophenol
 Concen: 117.864 ng
 RT: 5.818 min Scan# 430
 Delta R.T. 0.004 min
 Lab File: BG056405.D
 Acq: 24 Jan 2023 16:25

Tgt Ion:112 Resp: 235662
 Ion Ratio Lower Upper
 112 100
 64 39.6 33.3 49.9
 63 22.2 19.0 28.4

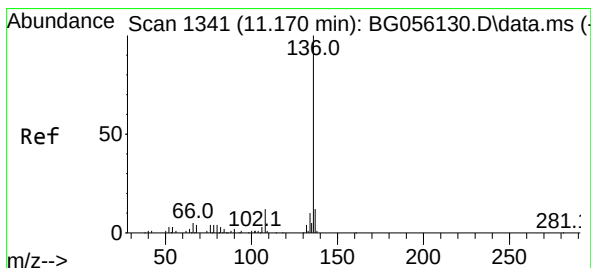
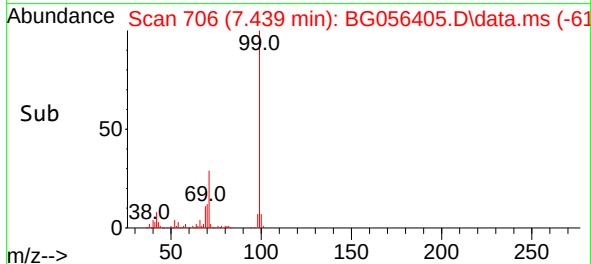
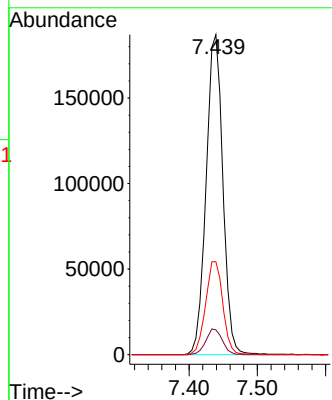
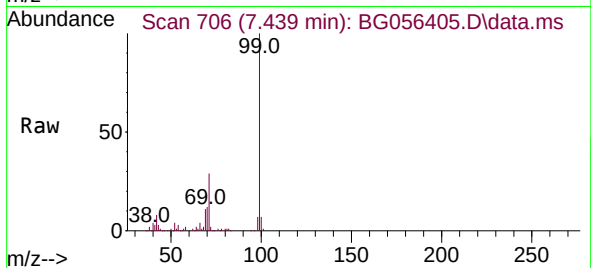




#7
Phenol-d6
Concen: 103.861 ng
RT: 7.439 min Scan# 70
Delta R.T. 0.004 min
Lab File: BG056405.D
Acq: 24 Jan 2023 16:25

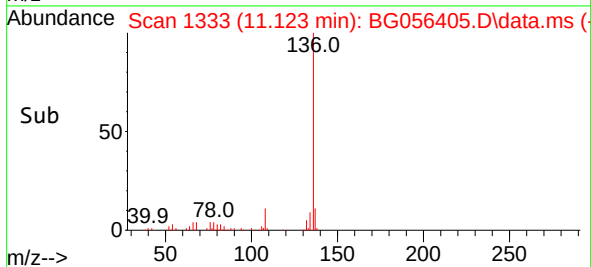
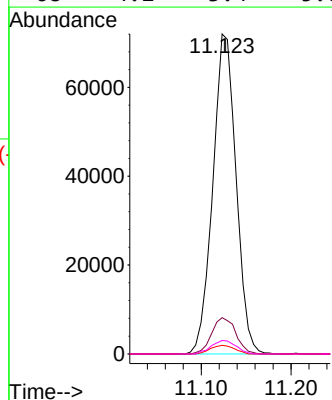
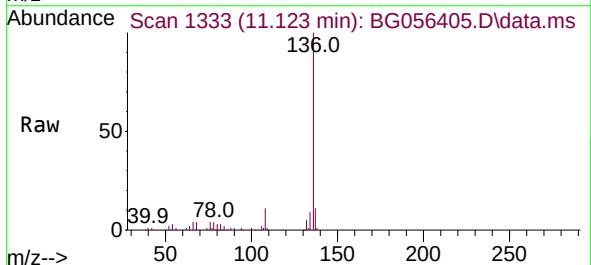
Instrument :
BNA_G
ClientSampleId :
TP-28

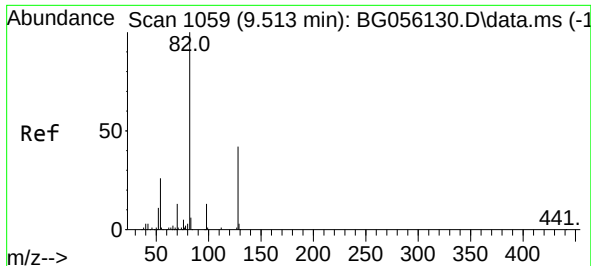
Tgt Ion: 99 Resp: 318914
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 29.0 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.123 min Scan# 1333
Delta R.T. -0.008 min
Lab File: BG056405.D
Acq: 24 Jan 2023 16:25

Tgt Ion: 136 Resp: 129895
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.7 2.2 3.2
68 4.2 3.4 5.0





#23

Nitrobenzene-d5

Concen: 64.945 ng

RT: 9.466 min Scan# 1051

Delta R.T. -0.008 min

Lab File: BG056405.D

Acq: 24 Jan 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-28

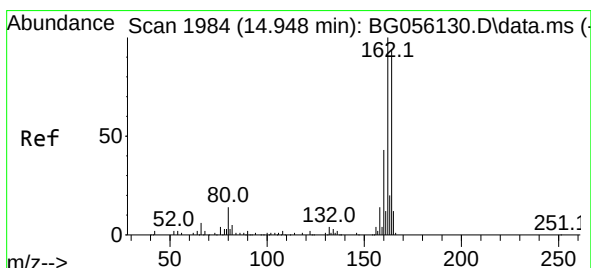
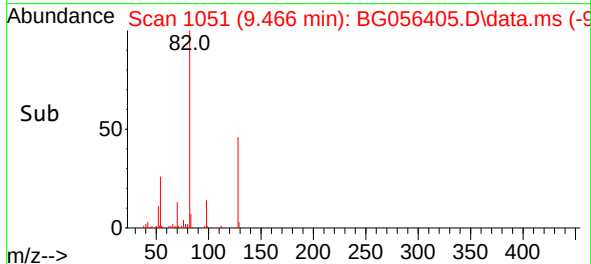
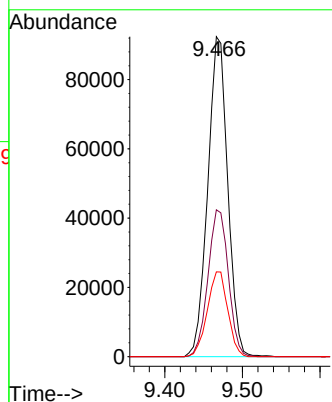
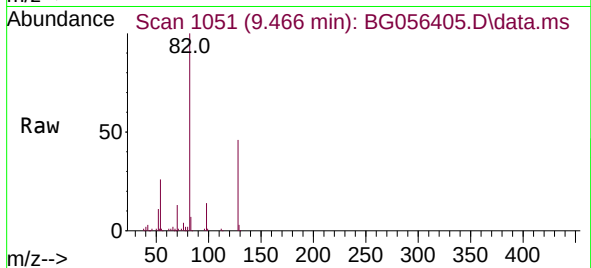
Tgt Ion: 82 Resp: 164923

Ion Ratio Lower Upper

82 100

128 45.9 33.4 50.2

54 26.5 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.907 min Scan# 1977

Delta R.T. -0.008 min

Lab File: BG056405.D

Acq: 24 Jan 2023 16:25

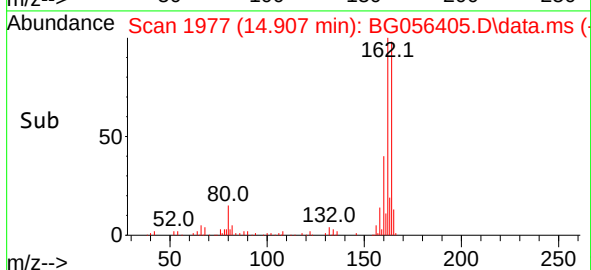
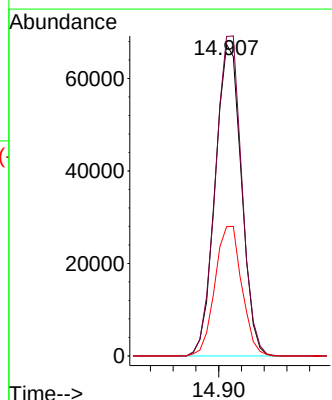
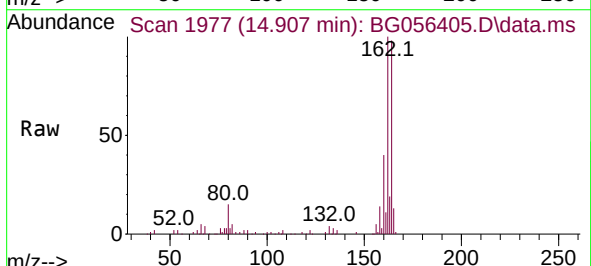
Tgt Ion: 164 Resp: 107809

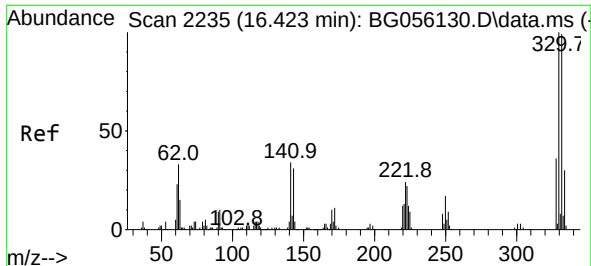
Ion Ratio Lower Upper

164 100

162 102.5 84.7 127.1

160 41.5 36.3 54.5

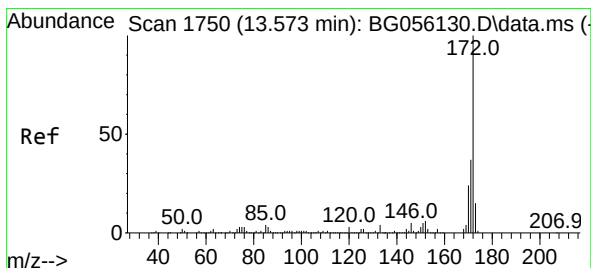
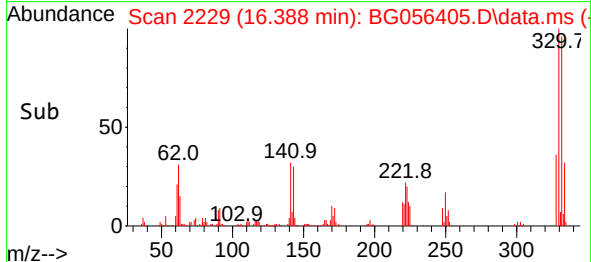
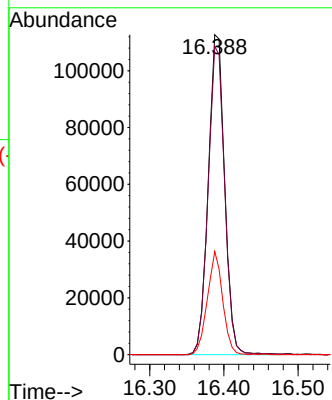
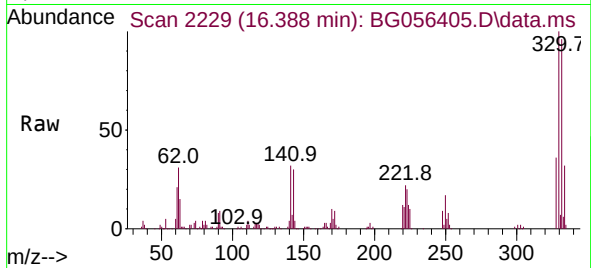




#42
2,4,6-Tribromophenol
Concen: 126.611 ng
RT: 16.388 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056405.D
Acq: 24 Jan 2023 16:25

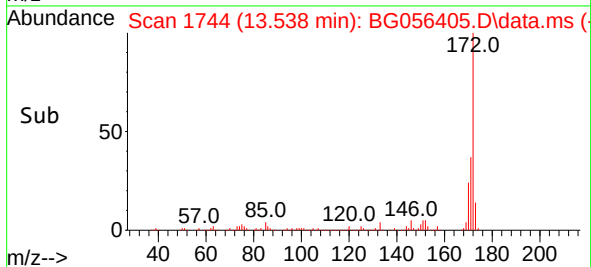
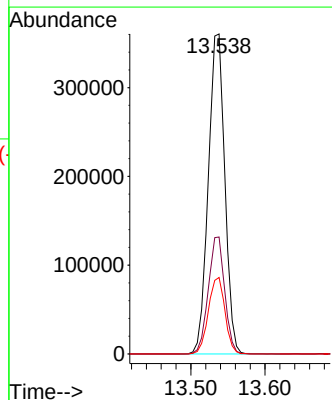
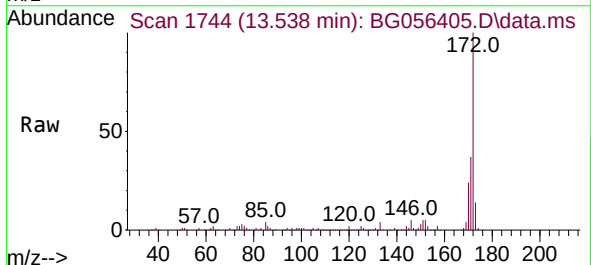
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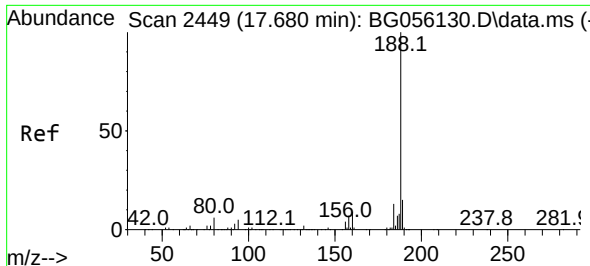
Tgt Ion:330 Resp: 172872
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 30.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 71.384 ng
RT: 13.538 min Scan# 1744
Delta R.T. -0.002 min
Lab File: BG056405.D
Acq: 24 Jan 2023 16:25

Tgt Ion:172 Resp: 557303
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.9 19.4 29.2

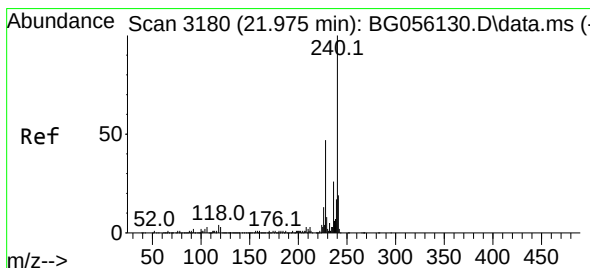
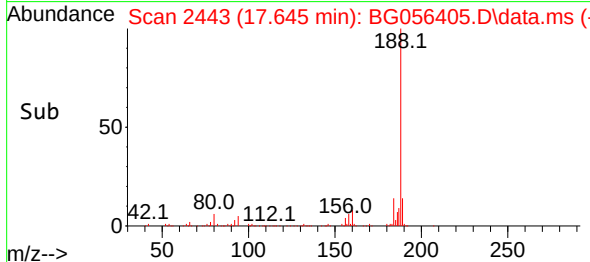
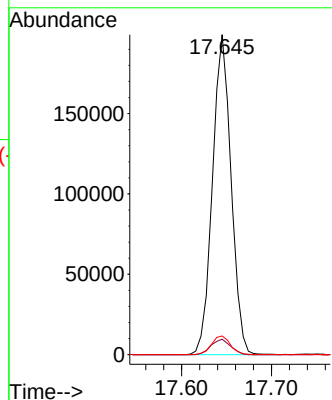
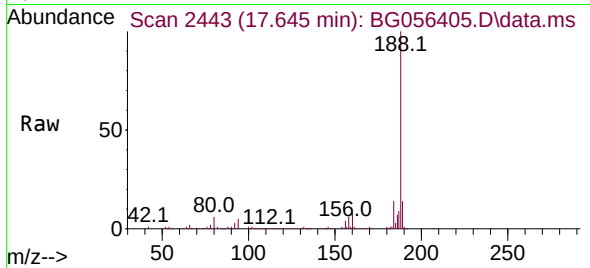




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.645 min Scan# 2443
Delta R.T. -0.008 min
Lab File: BG056405.D
Acq: 24 Jan 2023 16:25

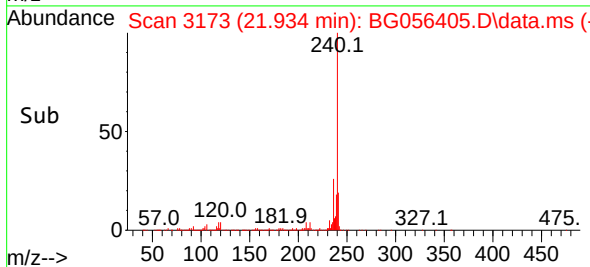
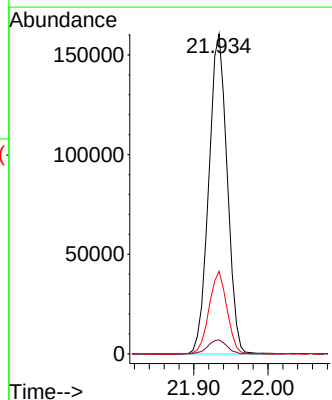
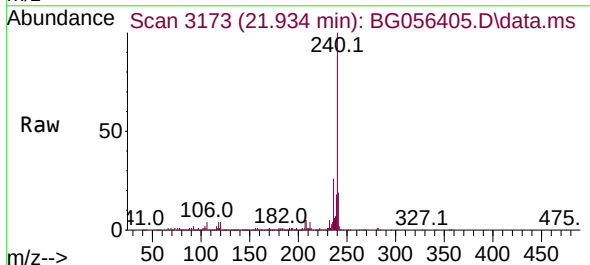
Instrument :
BNA_G
ClientSampleId :
TP-28

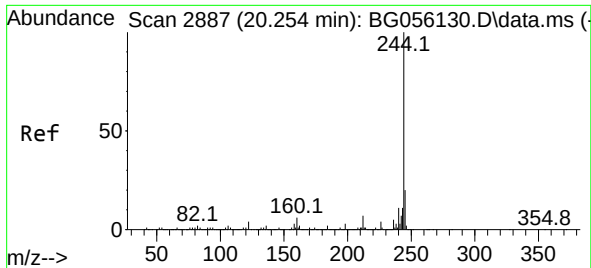
Tgt Ion:188 Resp: 286623
Ion Ratio Lower Upper
188 100
94 4.8 4.2 6.2
80 5.8 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3173
Delta R.T. -0.008 min
Lab File: BG056405.D
Acq: 24 Jan 2023 16:25

Tgt Ion:240 Resp: 276134
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.8 20.8 31.2

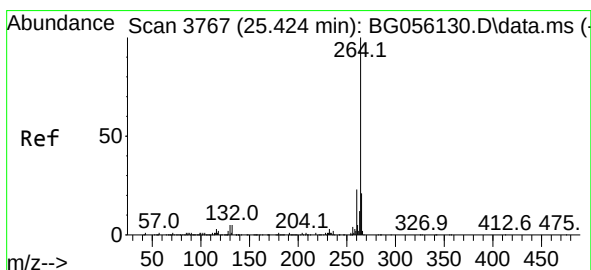
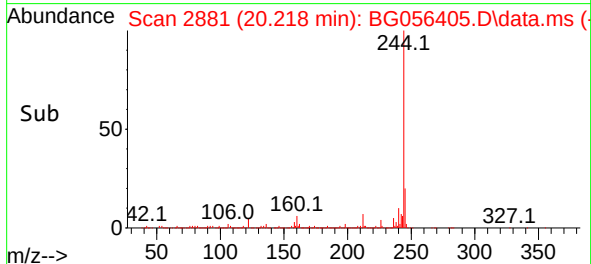
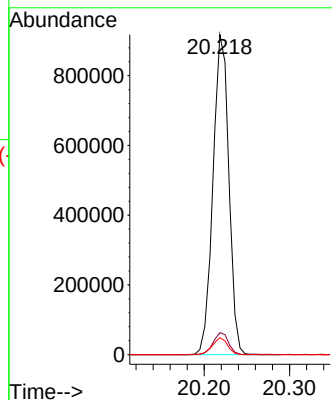
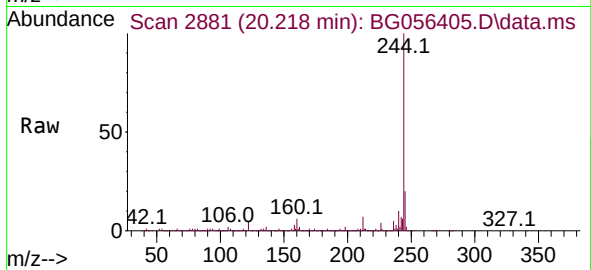




#79
 Terphenyl-d14
 Concen: 76.753 ng
 RT: 20.218 min Scan# 2881
 Delta R.T. -0.008 min
 Lab File: BG056405.D
 Acq: 24 Jan 2023 16:25

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1183334
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 5.3 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.359 min Scan# 3756
 Delta R.T. -0.014 min
 Lab File: BG056405.D
 Acq: 24 Jan 2023 16:25

Tgt Ion:264 Resp: 298621
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.8 16.7 25.1

