

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056149.D
 Acq On : 29 Dec 2022 11:17
 Operator : CG/JU
 Sample : PB149954BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149954BL

Quant Time: Dec 30 04:04:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	36103	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	146423	20.000	ng	0.00
39) Acenaphthene-d10	14.944	164	132724	20.000	ng	0.00
64) Phenanthrene-d10	17.676	188	387632	20.000	ng	0.00
76) Chrysene-d12	21.971	240	457666	20.000	ng	# 0.00
86) Perylene-d12	25.426	264	452125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	315491	156.028	ng	0.00
7) Phenol-d6	7.471	99	447502	144.112	ng	0.00
23) Nitrobenzene-d5	9.510	82	229047	80.016	ng	0.00
42) 2,4,6-Tribromophenol	16.419	330	215552	128.234	ng	0.00
45) 2-Fluorobiphenyl	13.569	172	767987	79.904	ng	0.00
79) Terphenyl-d14	20.256	244	2025745	79.276	ng	0.00

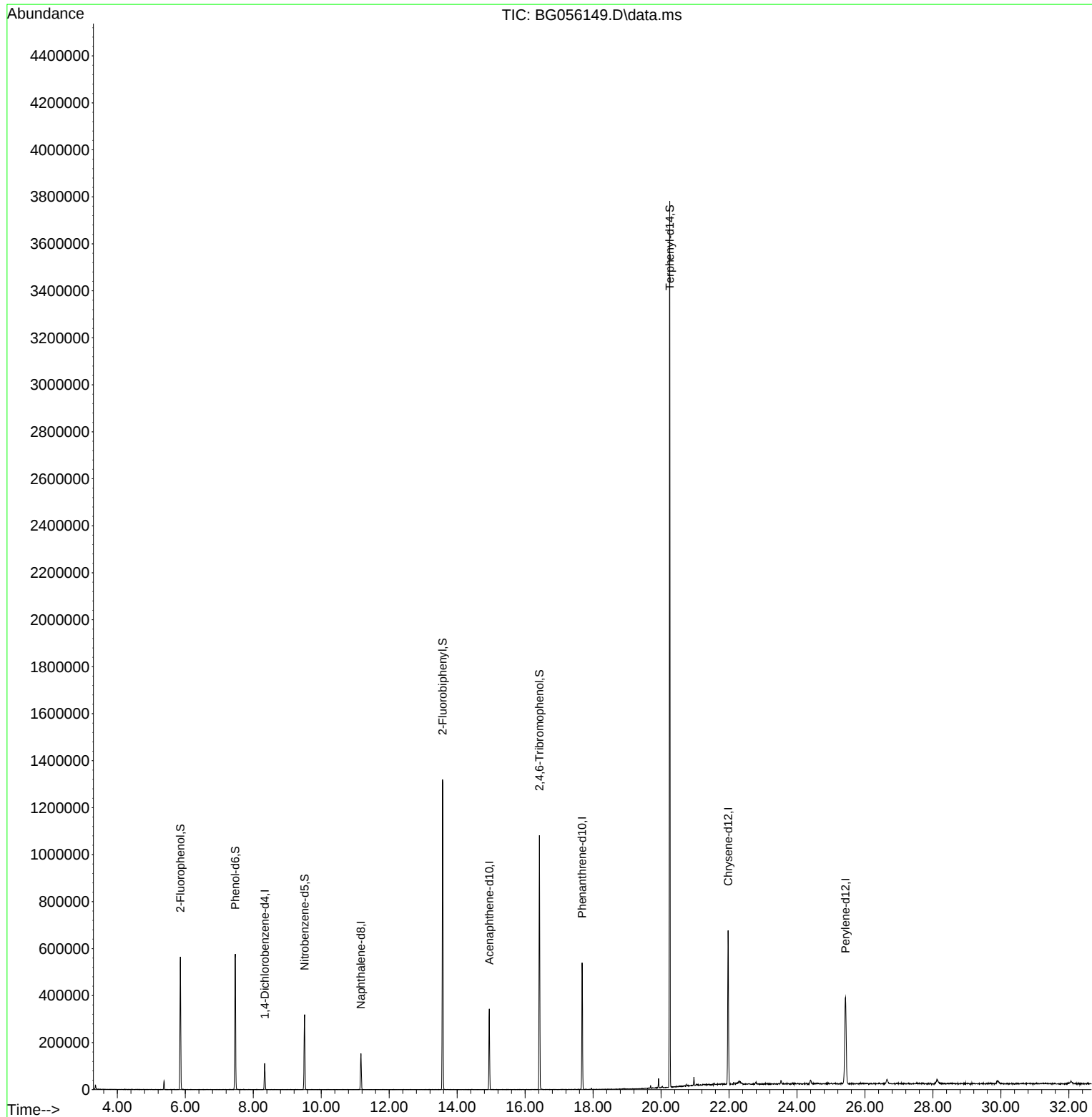
Target Compounds	Qvalue

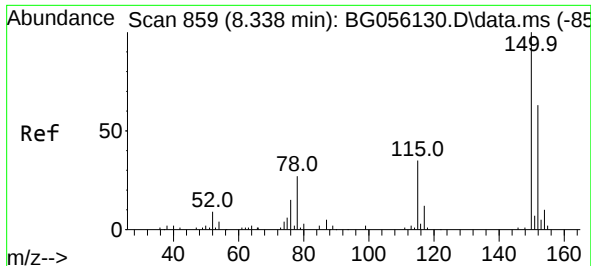
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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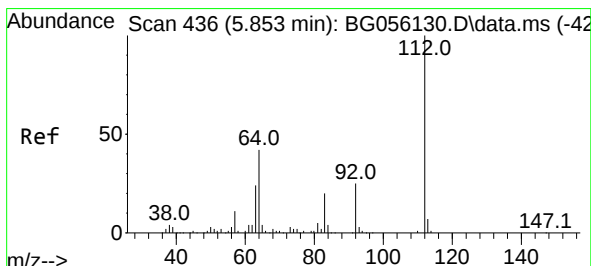
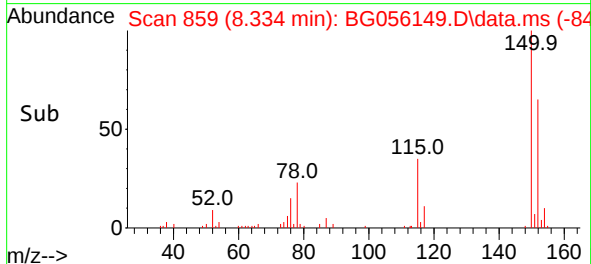
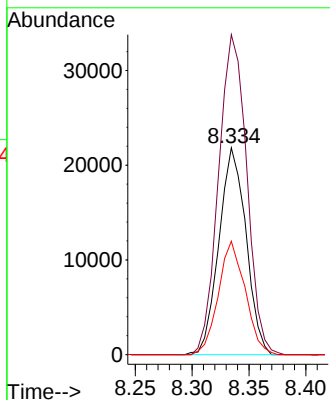
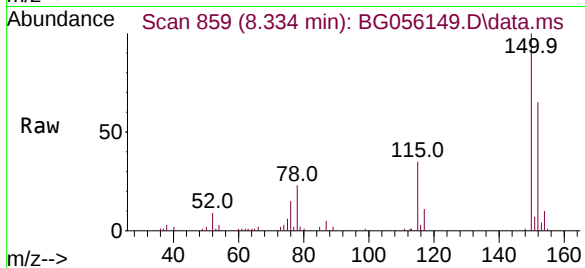




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.334 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

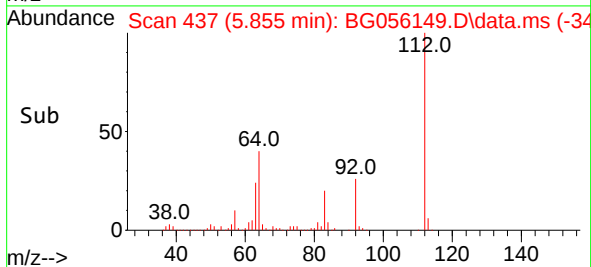
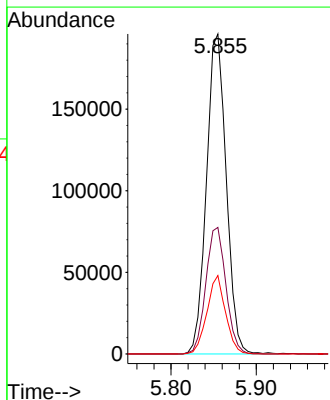
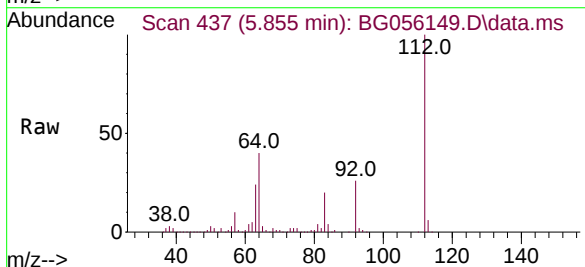
Instrument :
BNA_G
ClientSampleId :
PB149954BL

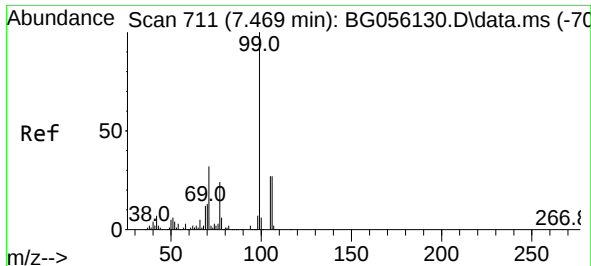
Tgt Ion:152 Resp: 36103
Ion Ratio Lower Upper
152 100
150 154.8 127.9 191.9
115 54.8 44.2 66.2



#5
2-Fluorophenol
Concen: 156.028 ng
RT: 5.855 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

Tgt Ion:112 Resp: 315491
Ion Ratio Lower Upper
112 100
64 39.5 33.3 49.9
63 24.5 19.0 28.4

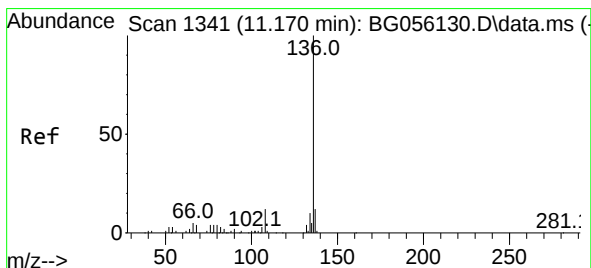
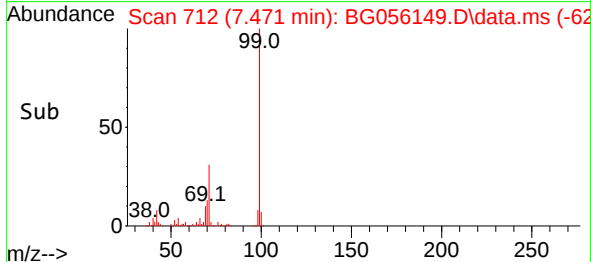
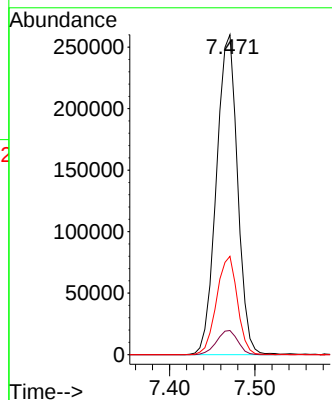
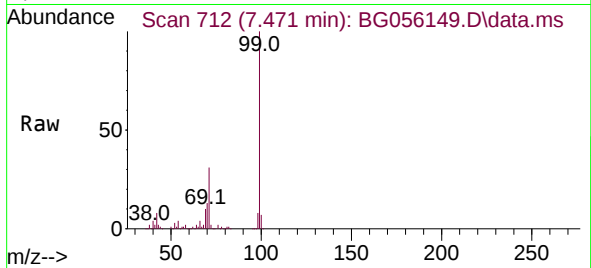




#7
Phenol-d6
Concen: 144.112 ng
RT: 7.471 min Scan# 711
Delta R.T. 0.002 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

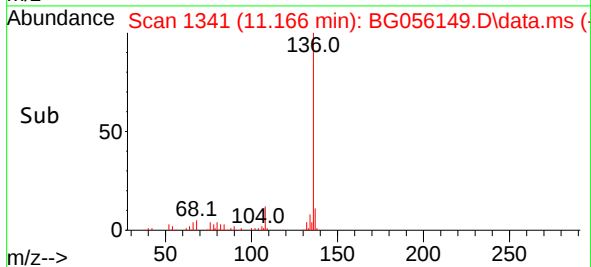
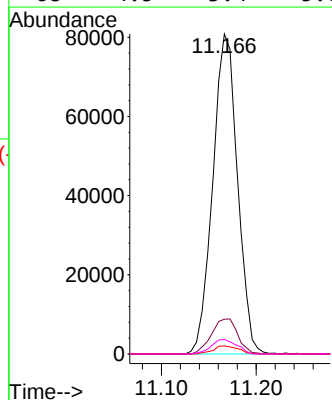
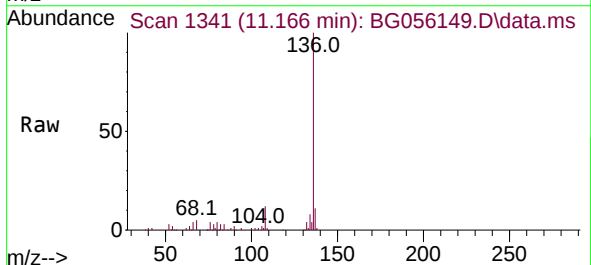
Instrument :
BNA_G
ClientSampleId :
PB149954BL

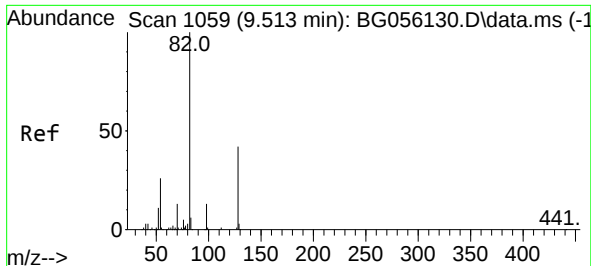
Tgt Ion: 99 Resp: 447502
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 30.7 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 1341
Delta R.T. -0.004 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

Tgt Ion: 136 Resp: 146423
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 2.5 2.2 3.2
68 4.5 3.4 5.0





#23

Nitrobenzene-d5

Concen: 80.016 ng

RT: 9.510 min Scan# 1059

Delta R.T. -0.004 min

Lab File: BG056149.D

Acq: 29 Dec 2022 11:17

Instrument :

BNA_G

ClientSampleId :

PB149954BL

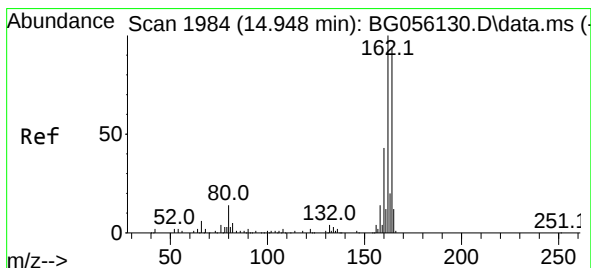
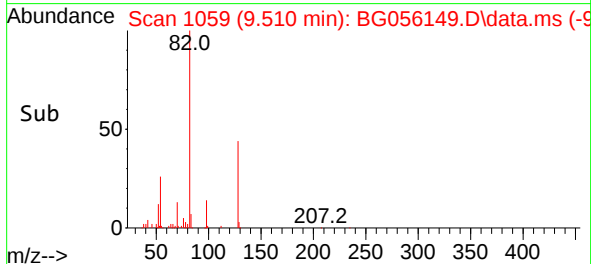
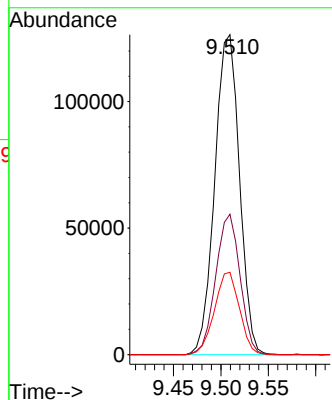
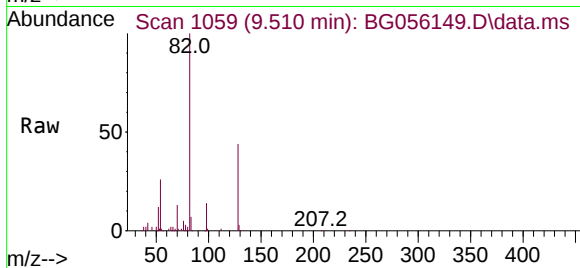
Tgt Ion: 82 Resp: 229047

Ion Ratio Lower Upper

82 100

128 43.9 33.4 50.2

54 25.7 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.944 min Scan# 1984

Delta R.T. -0.004 min

Lab File: BG056149.D

Acq: 29 Dec 2022 11:17

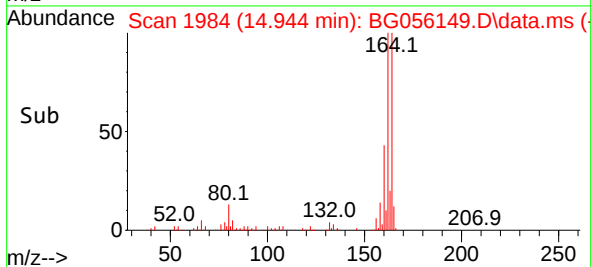
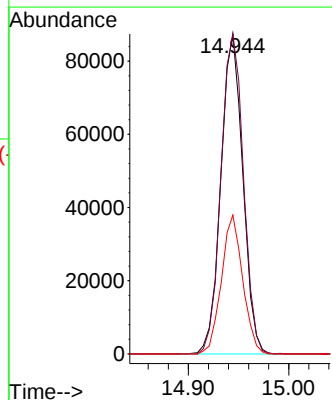
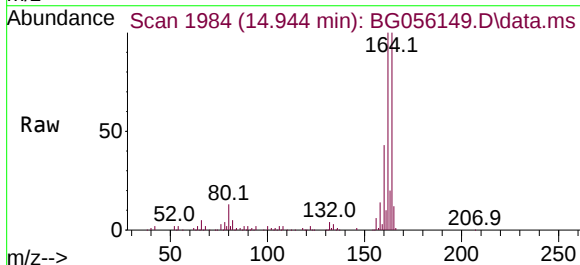
Tgt Ion:164 Resp: 132724

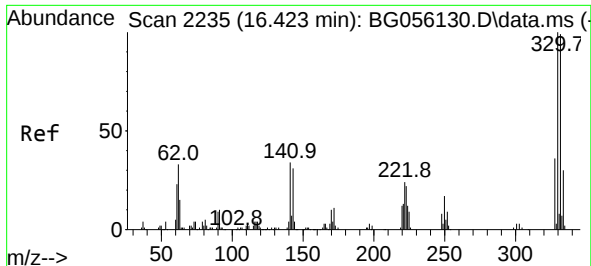
Ion Ratio Lower Upper

164 100

162 100.0 84.7 127.1

160 43.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 128.234 ng

RT: 16.419 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG056149.D

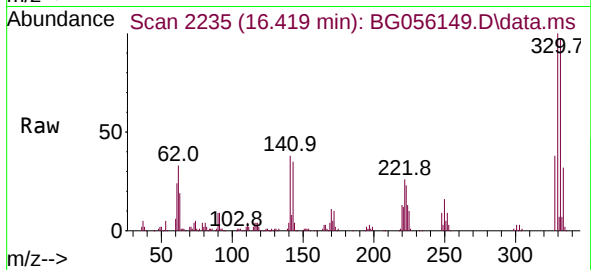
Acq: 29 Dec 2022 11:17

Instrument :

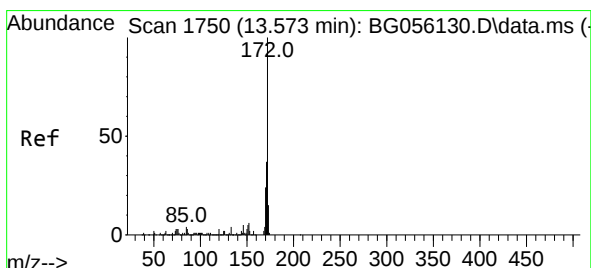
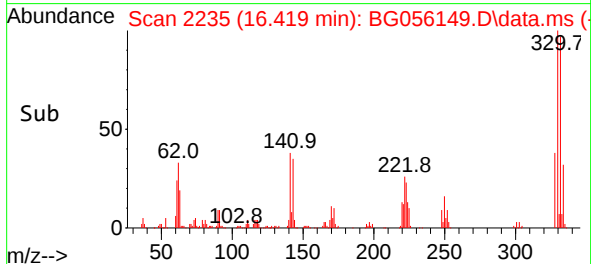
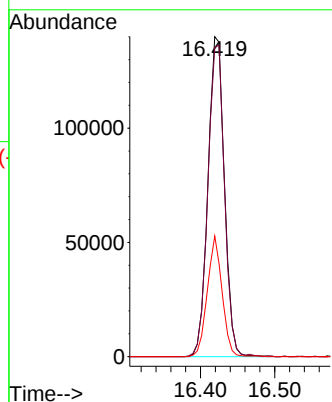
BNA_G

ClientSampleId :

PB149954BL



Tgt Ion:	330	Resp:	215552
Ion Ratio	Lower	Upper	
330	100		
332	98.1	77.3	115.9
141	33.9	27.9	41.9



#45

2-Fluorobiphenyl

Concen: 79.904 ng

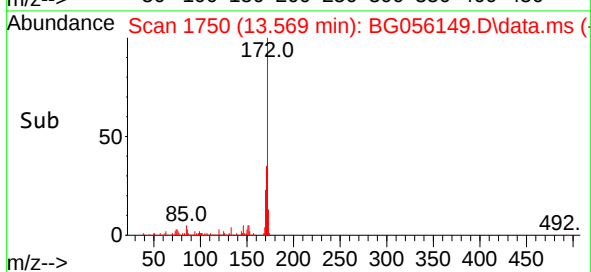
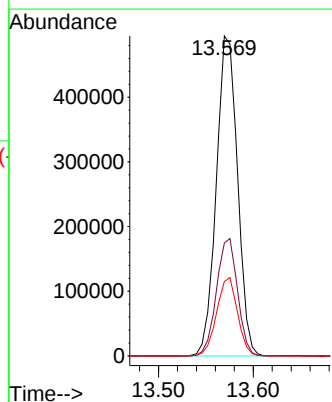
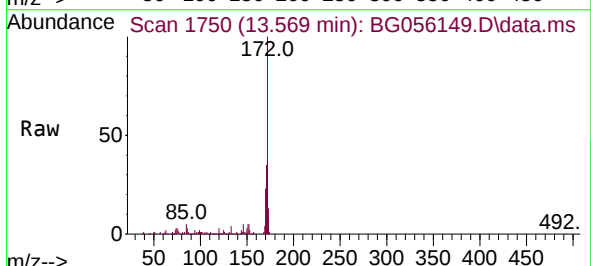
RT: 13.569 min Scan# 1750

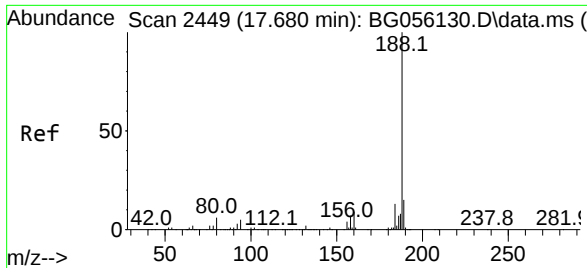
Delta R.T. -0.004 min

Lab File: BG056149.D

Acq: 29 Dec 2022 11:17

Tgt Ion:	172	Resp:	767987
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.6	44.4
170	23.2	19.4	29.2

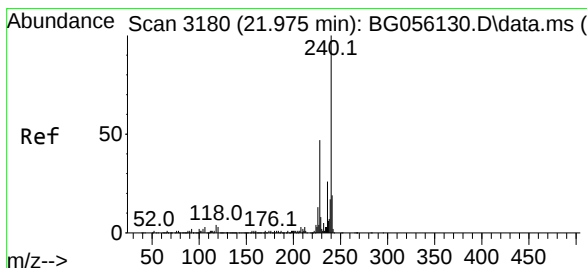
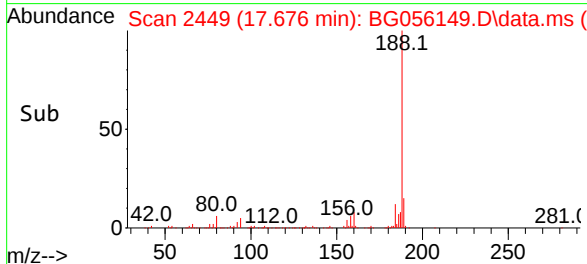
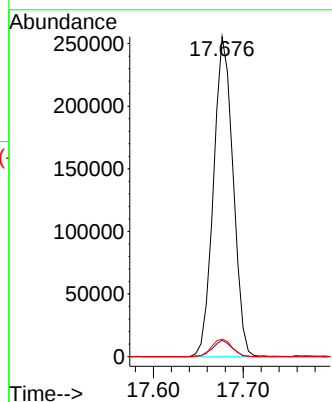
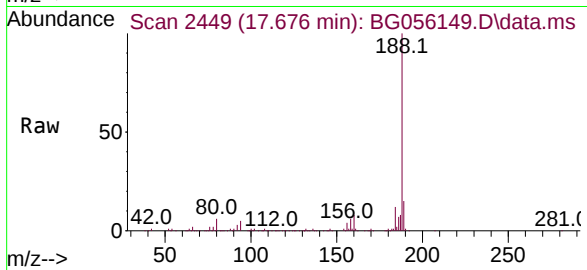




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.676 min Scan# 2449
Delta R.T. -0.004 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

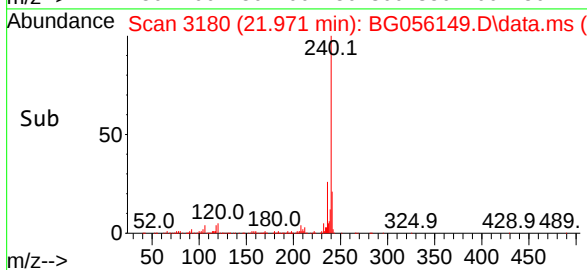
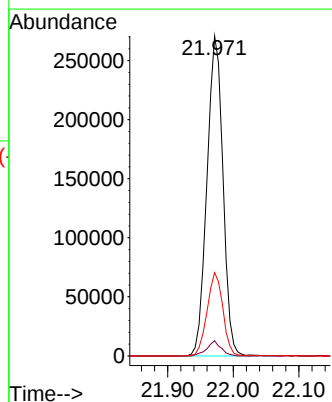
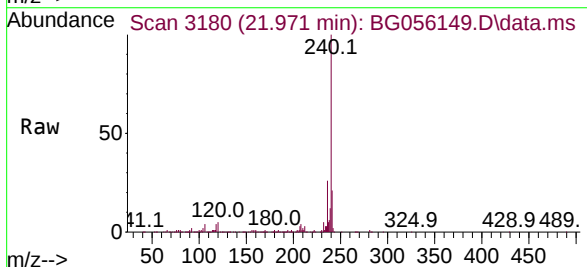
Instrument :
BNA_G
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PB149954BL

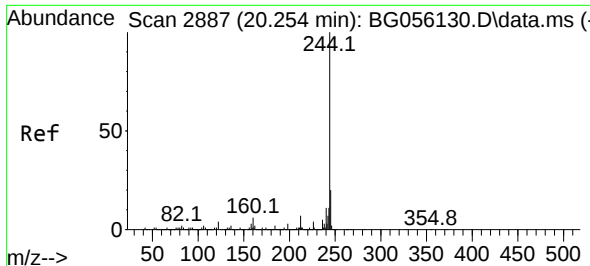
Tgt Ion:188 Resp: 387632
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.5 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.971 min Scan# 3180
Delta R.T. -0.004 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

Tgt Ion:240 Resp: 457666
Ion Ratio Lower Upper
240 100
120 4.7 2.6 4.0#
236 26.0 20.8 31.2

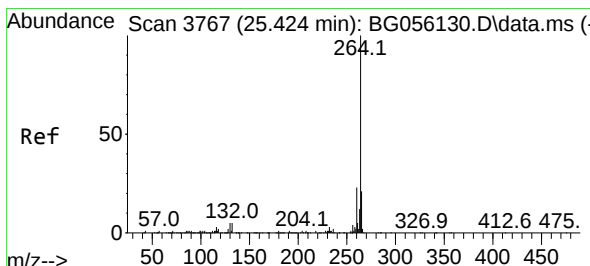
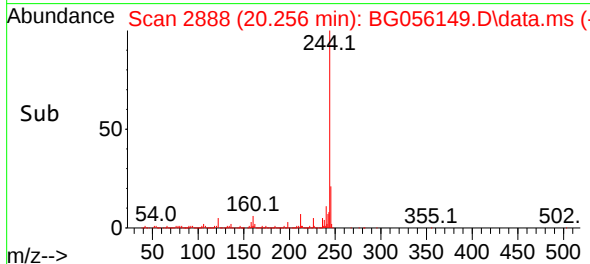
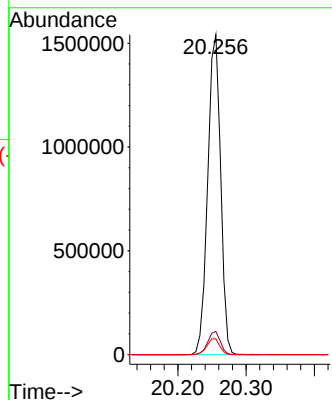
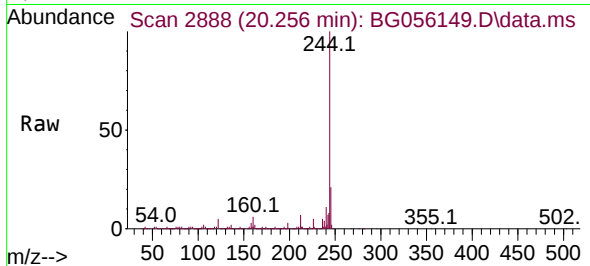




#79
 Terphenyl-d14
 Concen: 79.276 ng
 RT: 20.256 min Scan# 2888
 Delta R.T. 0.002 min
 Lab File: BG056149.D
 Acq: 29 Dec 2022 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB149954BL

Tgt Ion:244 Resp: 2025745
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 4.9 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.426 min Scan# 3768
 Delta R.T. 0.002 min
 Lab File: BG056149.D
 Acq: 29 Dec 2022 11:17

Tgt Ion:264 Resp: 452125
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.6 28.0
 265 22.2 16.7 25.1

