

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

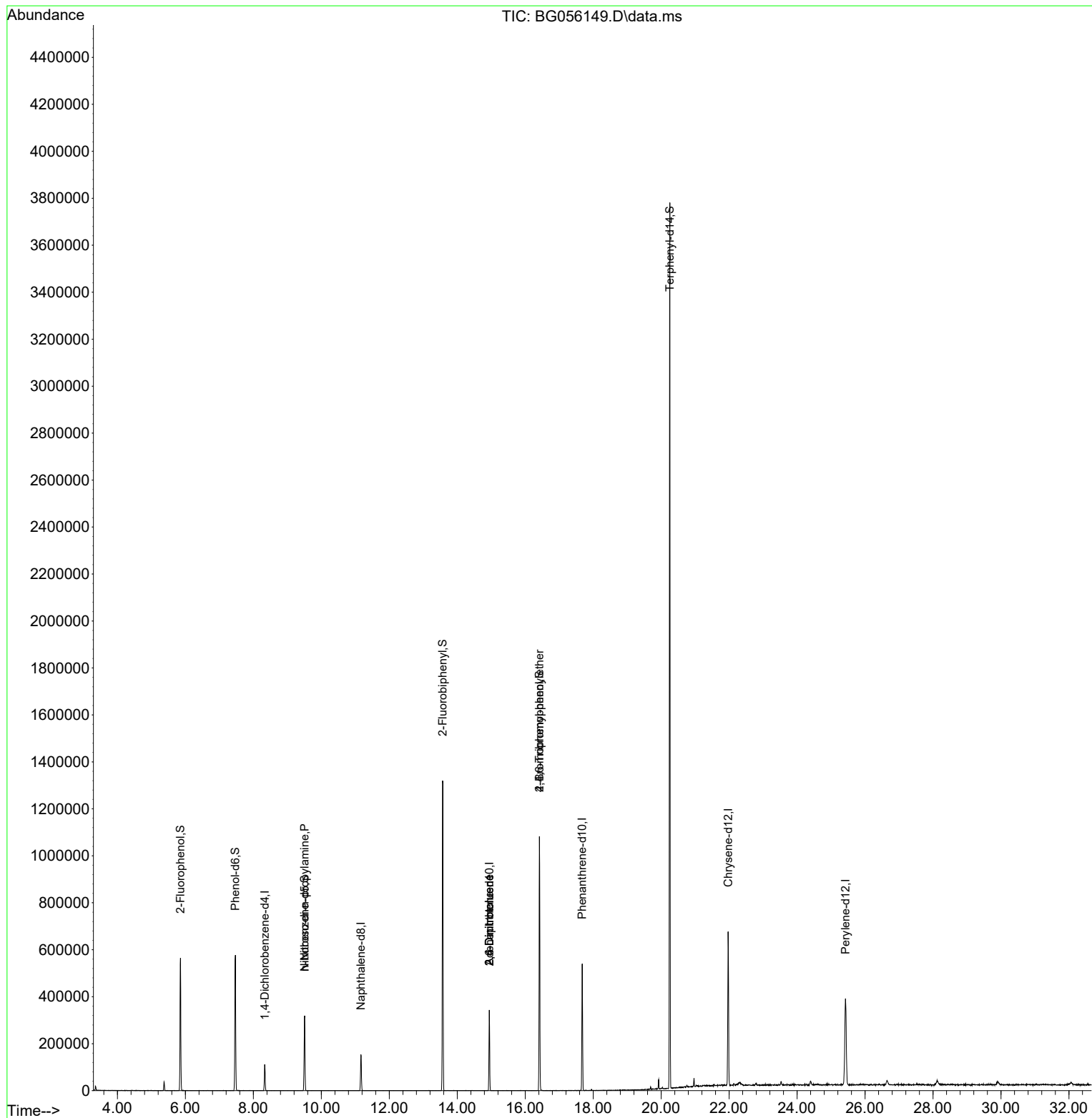
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	36103	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	146423	20.000	ng	0.00
39) Acenaphthene-d10	14.944	164	132724	20.000	ng	0.00
64) Phenanthrene-d10	17.676	188	387632	20.000	ng	0.00
76) Chrysene-d12	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						
19) n-Nitroso-di-n-propyla...	9.510	70	29243	15.487	ng	# 72
51) 2,6-Dinitrotoluene	14.944	165	17045	7.466	ng	# 34
57) 2,4-Dinitrotoluene	14.944	165	17045	5.339	ng	# 30
67) 4-Bromophenyl-phenylether	16.419	248	18725	3.793	ng	# 1

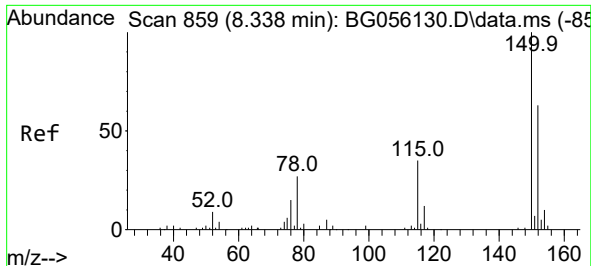
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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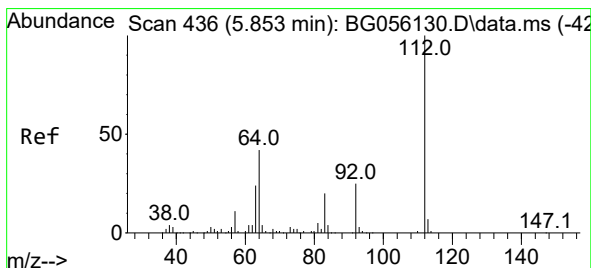
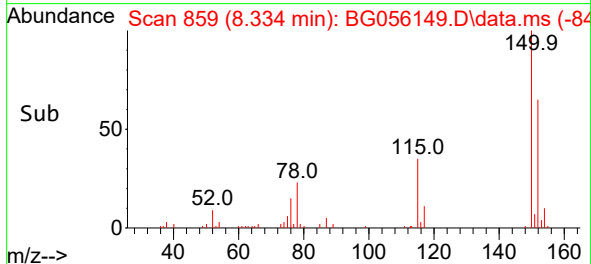
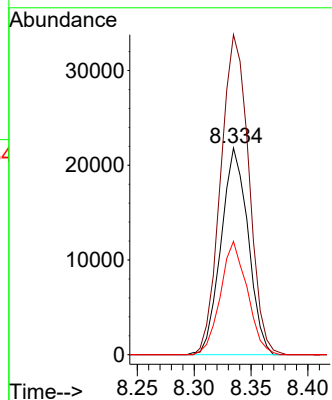
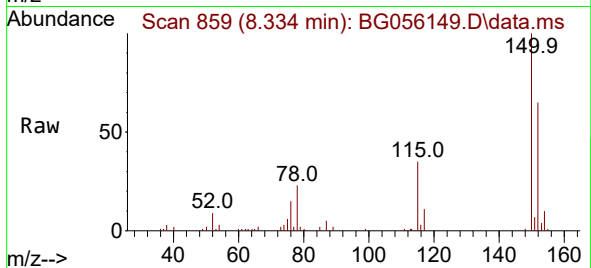




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.334 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

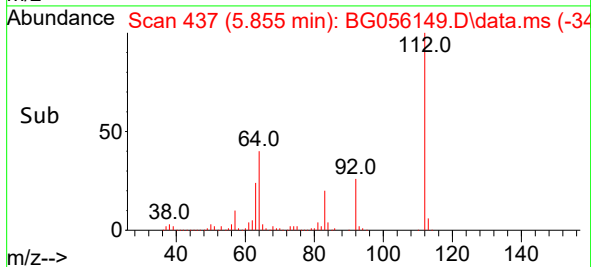
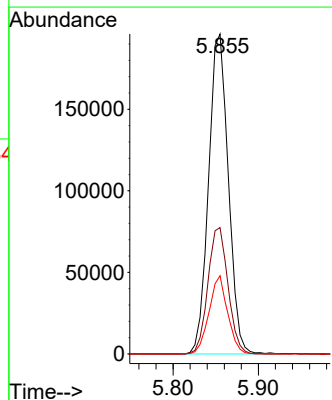
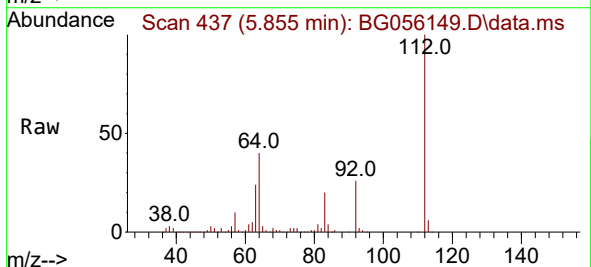
Instrument :
BNA_G
ClientSampleId :
PB149954BL

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

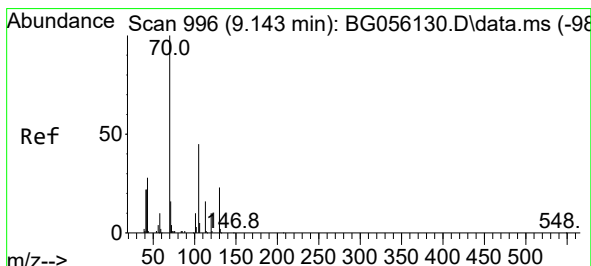
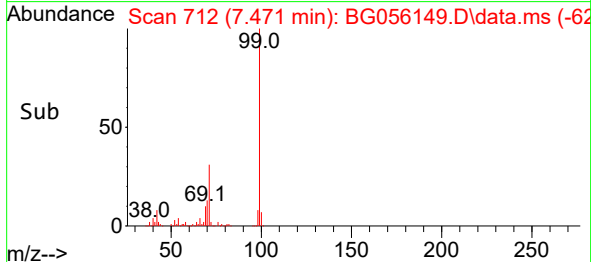
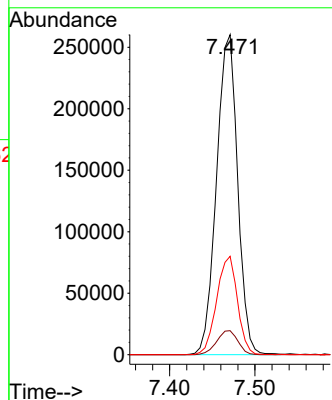
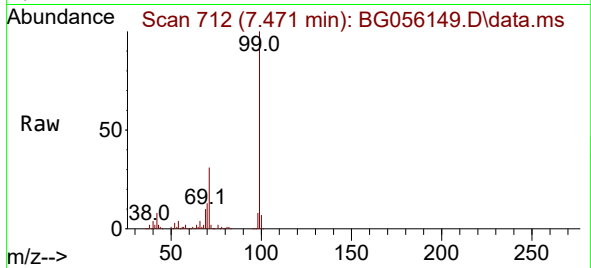




#7
Phenol-d6
Concen: 144.112 ng
RT: 7.471 min Scan# 711
Delta R.T. 0.002 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

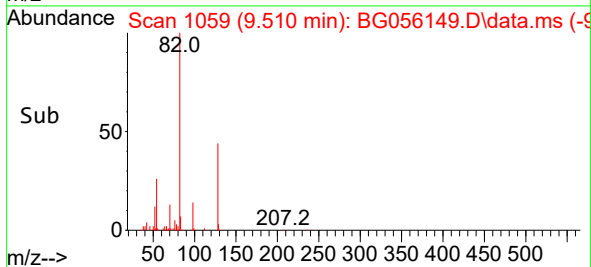
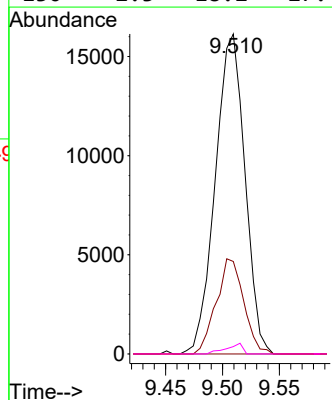
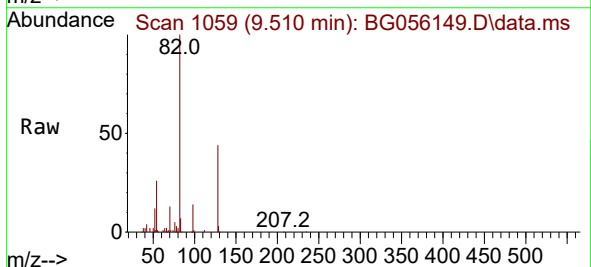
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ClientSampleId :
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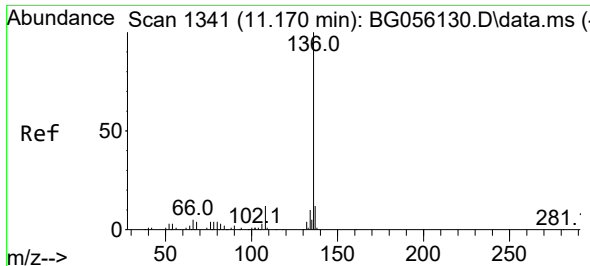
Tgt Ion: 99 Resp: 447502
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 30.7 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.487 ng
RT: 9.510 min Scan# 1059
Delta R.T. 0.366 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

Tgt Ion: 70 Resp: 29243
Ion Ratio Lower Upper
70 100
42 28.9 18.2 27.2#
101 0.0 8.3 12.5#
130 2.3 18.2 27.4#

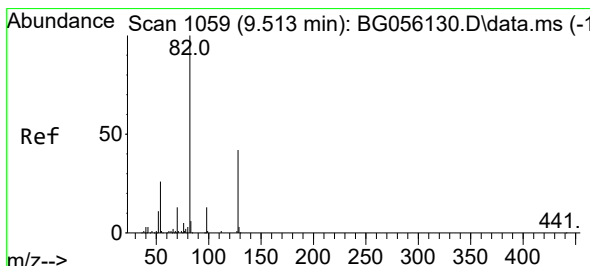
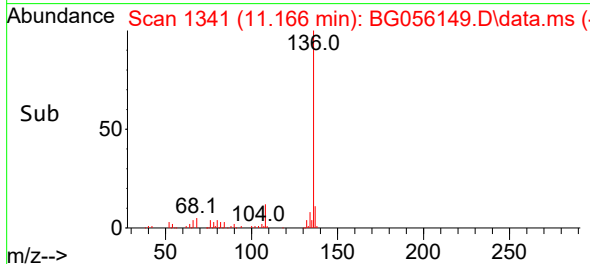
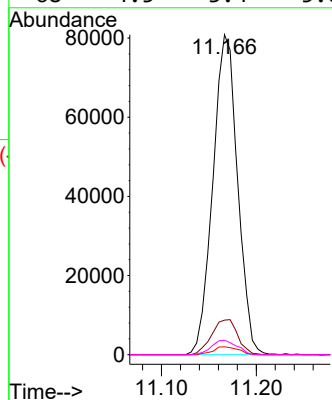
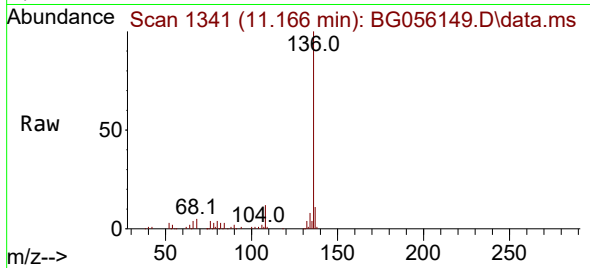




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

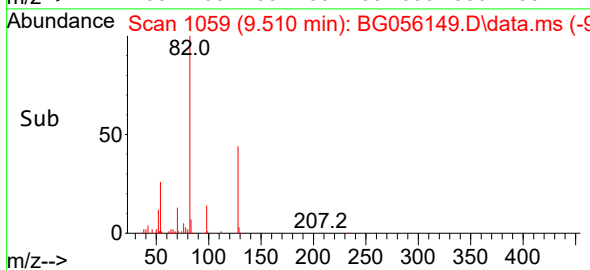
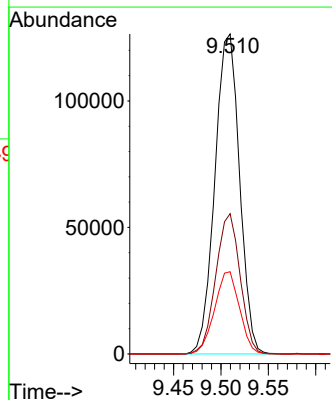
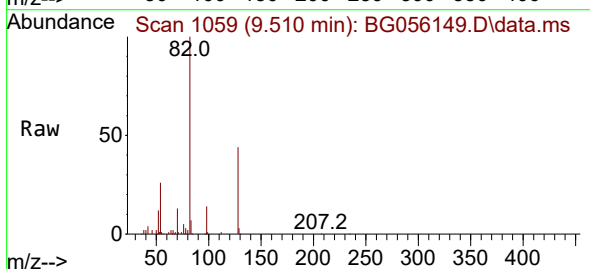
Instrument :
BNA_G
ClientSampleId :
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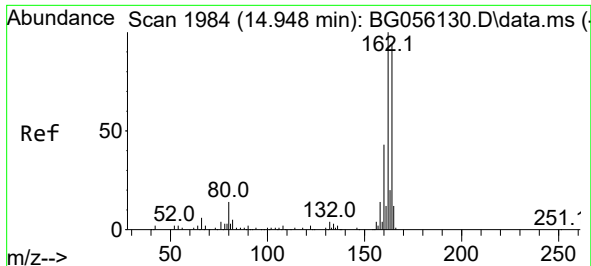
Tgt Ion:136 Resp: 146423
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 2.5 2.2 3.2
68 4.5 3.4 5.0



#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

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

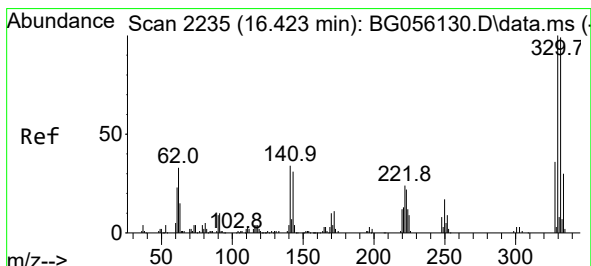
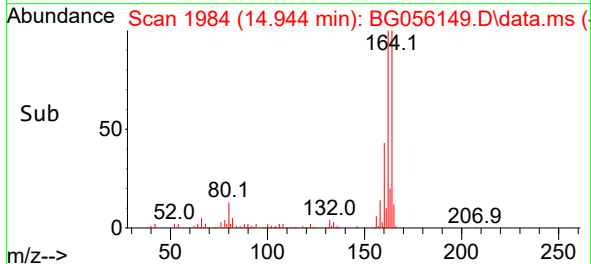
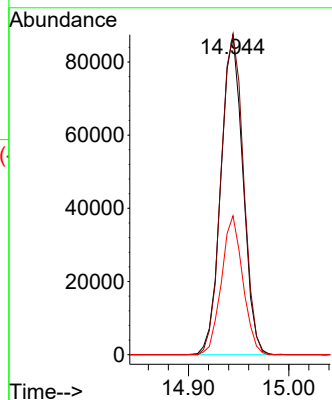
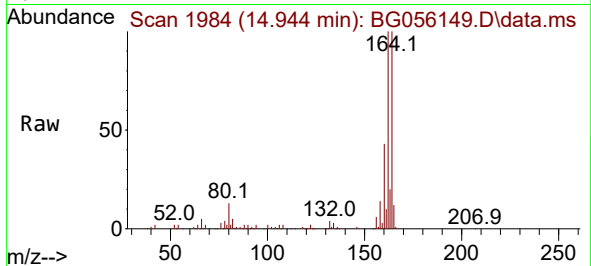




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

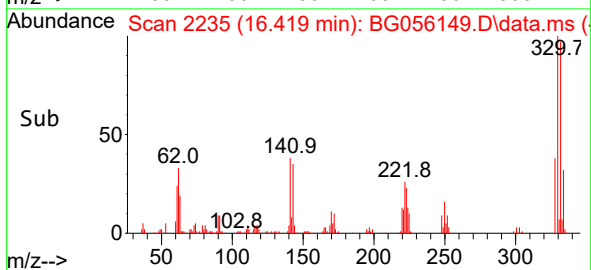
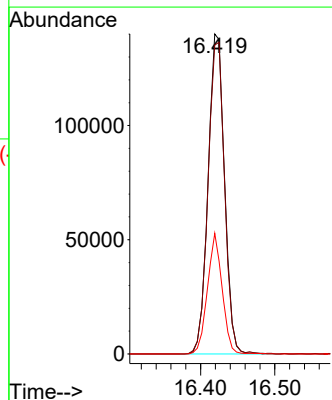
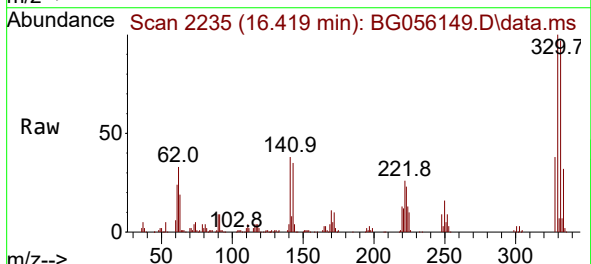
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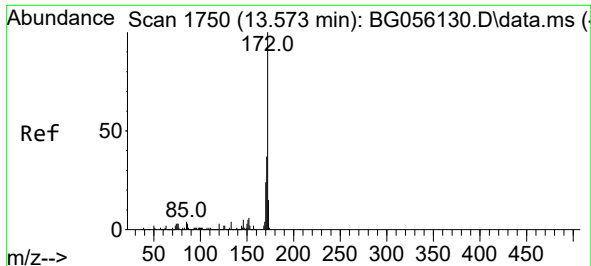
Tgt Ion:164 Resp: 132724
Ion Ratio Lower Upper
164 100
162 100.0 84.7 127.1
160 43.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 128.234 ng
RT: 16.419 min Scan# 2235
Delta R.T. -0.004 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

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

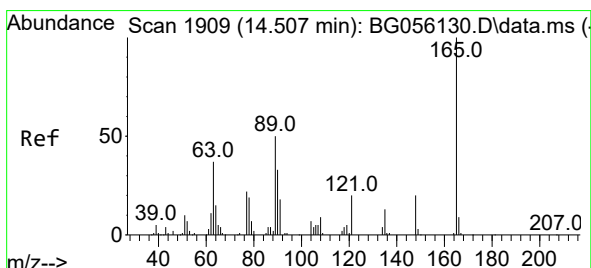
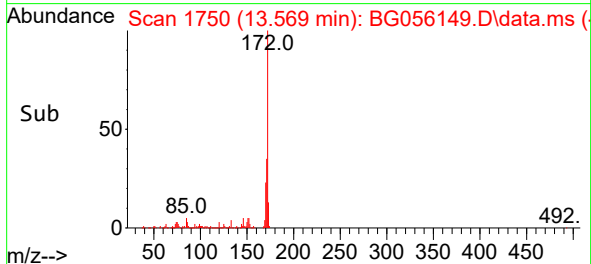
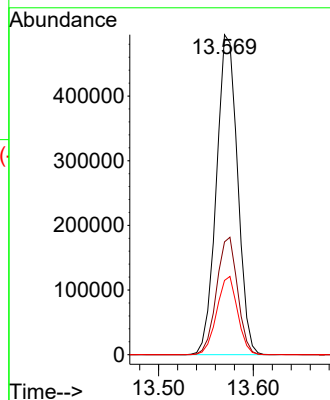
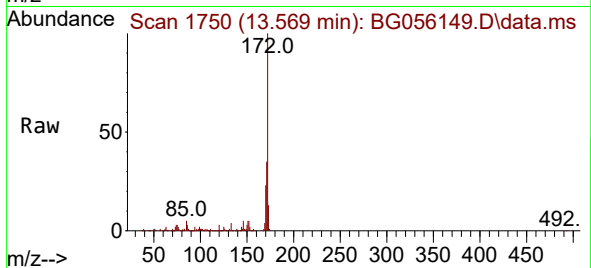




#45
2-Fluorobiphenyl
Concen: 79.904 ng
RT: 13.569 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

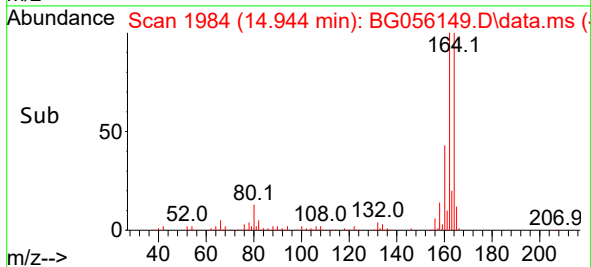
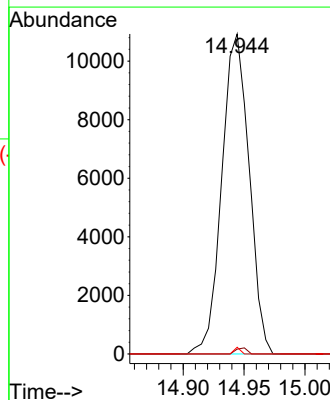
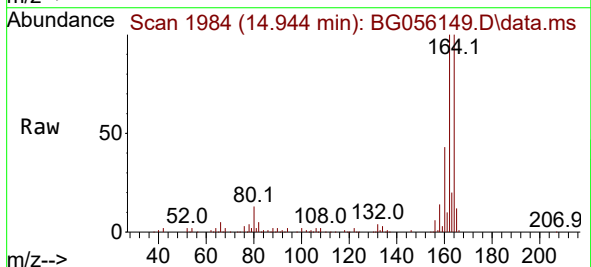
Instrument :
BNA_G
ClientSampleId :
PB149954BL

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



#51
2,6-Dinitrotoluene
Concen: 7.466 ng
RT: 14.944 min Scan# 1984
Delta R.T. 0.437 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

Tgt Ion:165 Resp: 17045
Ion Ratio Lower Upper
165 100
63 1.5 32.2 48.2#
89 2.1 39.8 59.8#

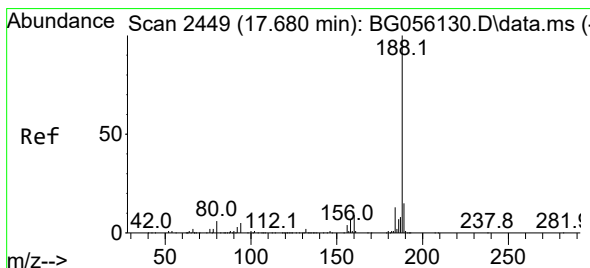
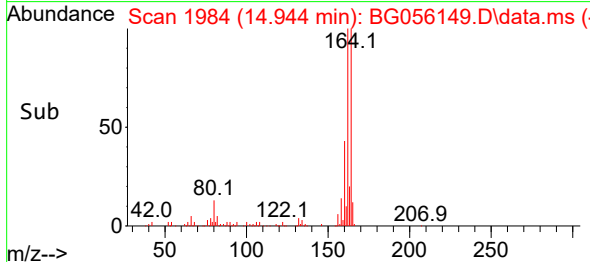
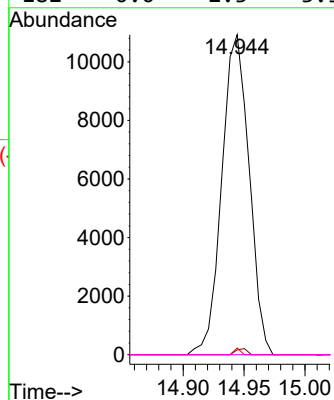
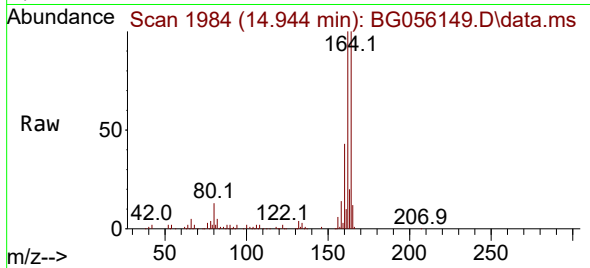




#57
2,4-Dinitrotoluene
Concen: 5.339 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.344 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

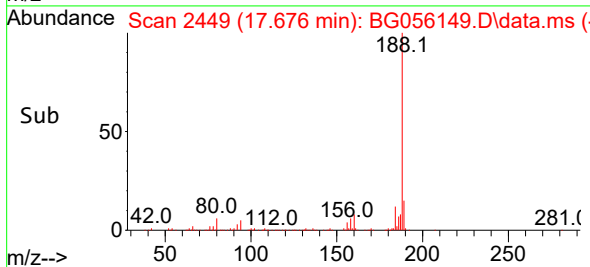
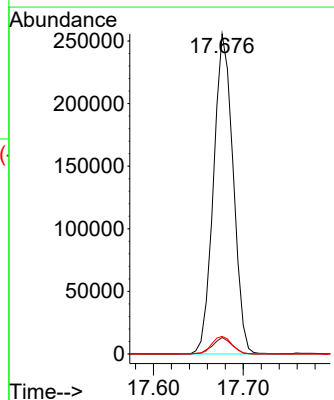
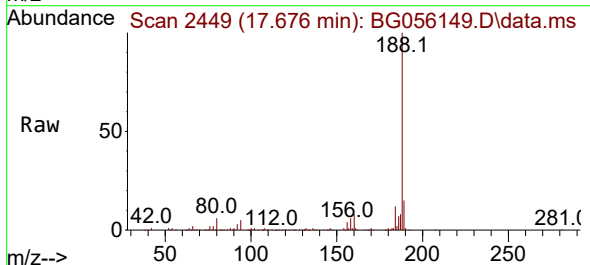
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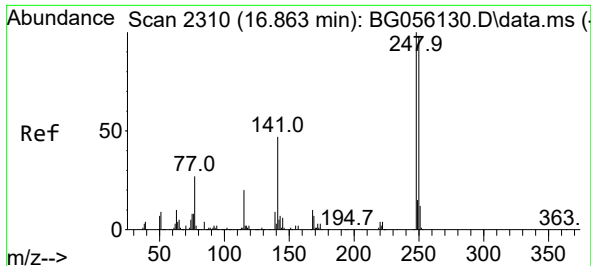
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Ion Ratio Lower Upper
165 100
63 1.5 22.6 34.0#
89 2.1 53.2 79.8#
182 0.0 2.3 3.5#



#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

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

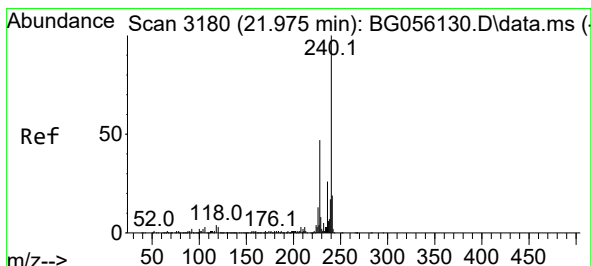
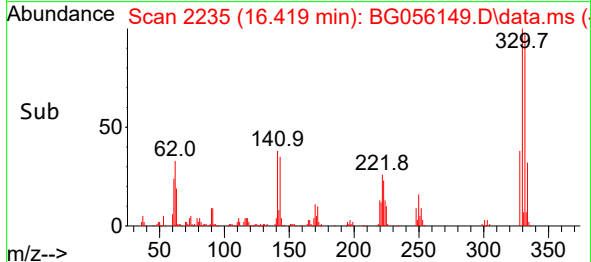
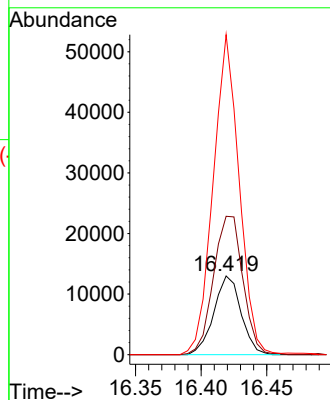
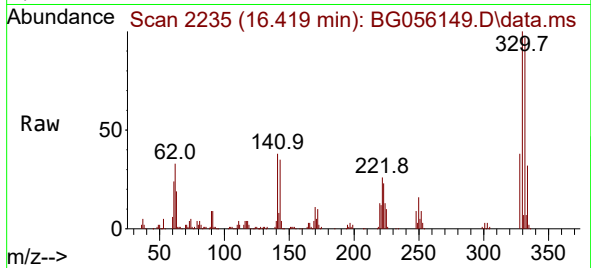




#67
4-Bromophenyl-phenylether
Concen: 3.793 ng
RT: 16.419 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG056149.D
Acq: 29 Dec 2022 11:17

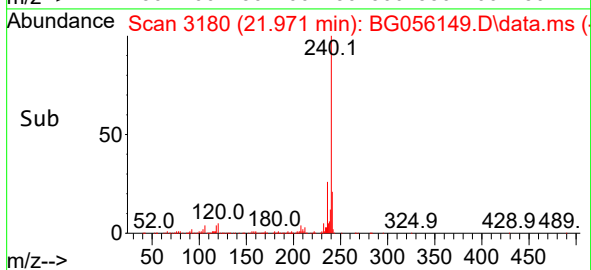
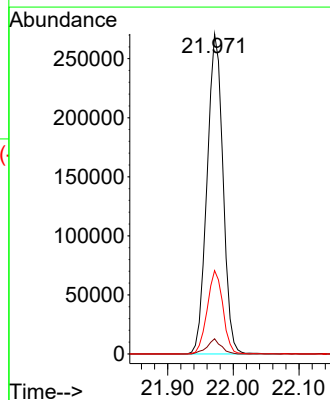
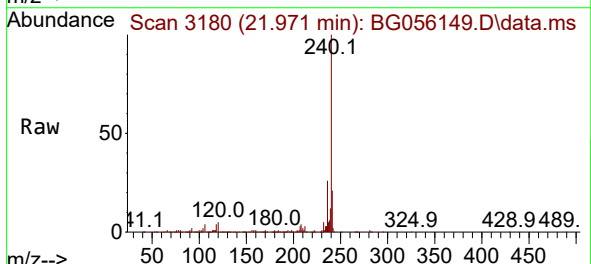
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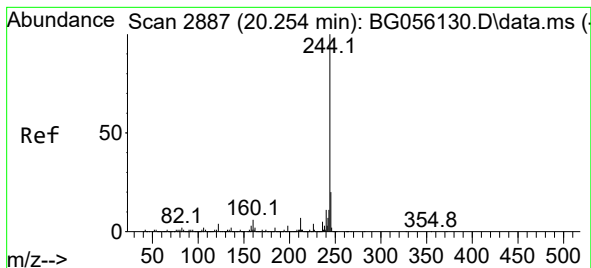
Tgt Ion:248 Resp: 18725
Ion Ratio Lower Upper
248 100
250 175.7 78.2 117.4#
141 406.1 37.6 56.4#



#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# 21

Delta R.T. 0.002 min

Lab File: BG056149.D

Acq: 29 Dec 2022 11:17

Instrument :

BNA_G

ClientSampleId :

PB149954BL

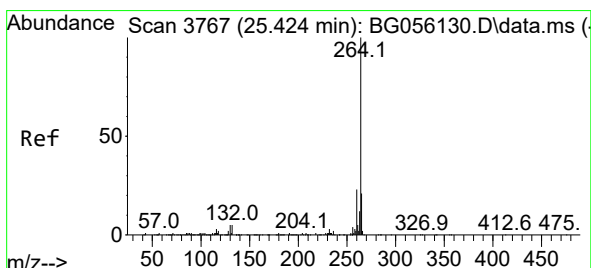
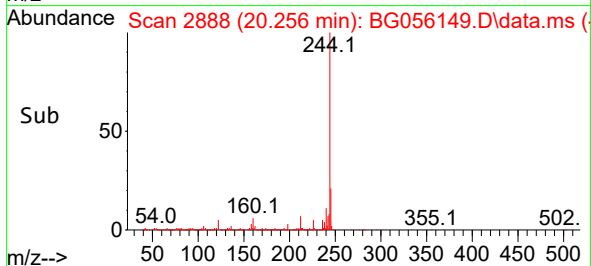
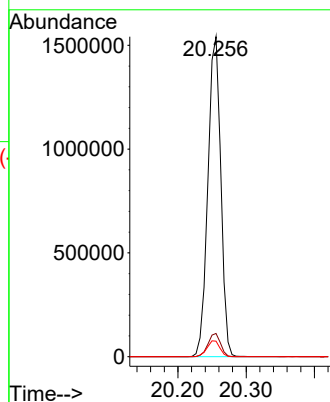
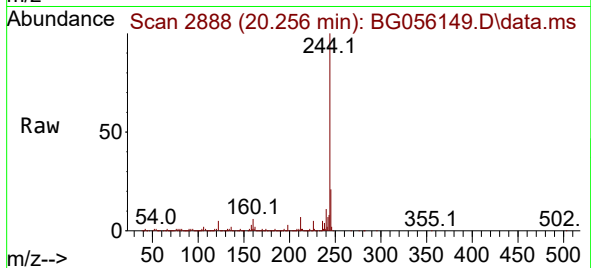
Tgt Ion:244 Resp: 2025745

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

