

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056298.D
 Acq On : 16 Jan 2023 16:05
 Operator : CG/JU
 Sample : 01125-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2023-1-11

Quant Time: Jan 17 05:25:49 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 12 03:38:40 2023
 Response via : Initial Calibration

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

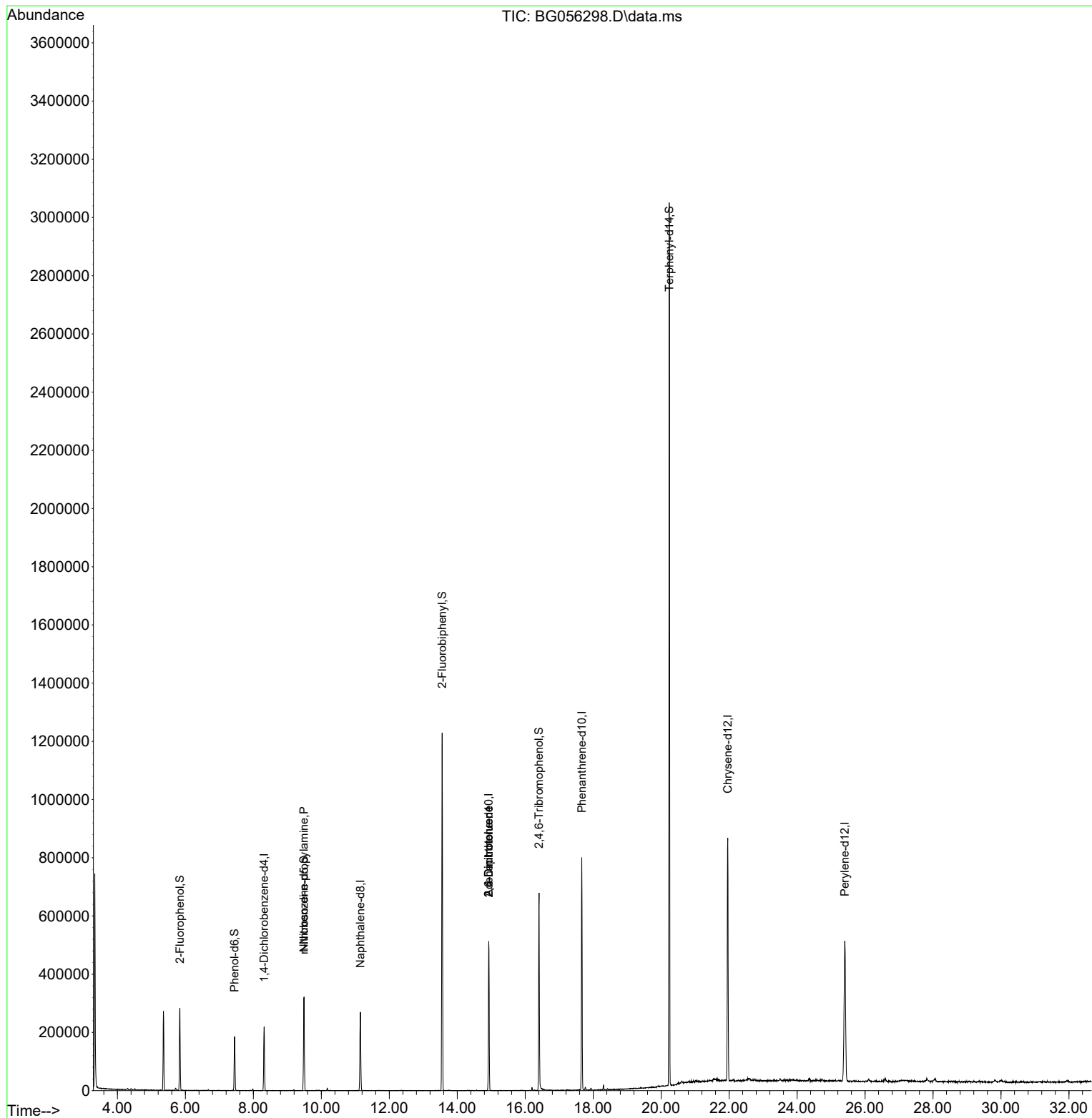
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	70511	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	254814	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	194690	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	540937	20.000	ng	0.00
76) Chrysene-d12	21.960	240	581620	20.000	ng	0.00
86) Perylene-d12	25.403	264	612537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	159830	40.473	ng	0.01
7) Phenol-d6	7.448	99	148627	24.507	ng	0.00
23) Nitrobenzene-d5	9.492	82	228986	45.967	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	146920	59.585	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	709186	50.301	ng	0.00
79) Terphenyl-d14	20.238	244	1644023	50.626	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.486	70	27581	7.479	ng	# 75
51) 2,6-Dinitrotoluene	14.927	165	26408	7.886	ng	# 32
57) 2,4-Dinitrotoluene	14.927	165	26408	5.639	ng	# 29

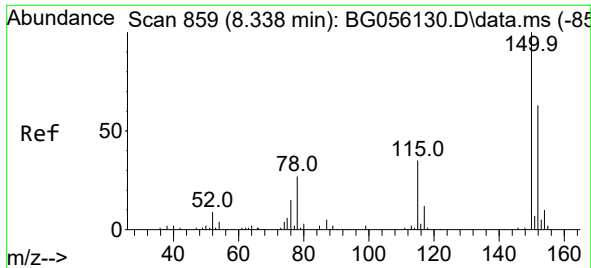
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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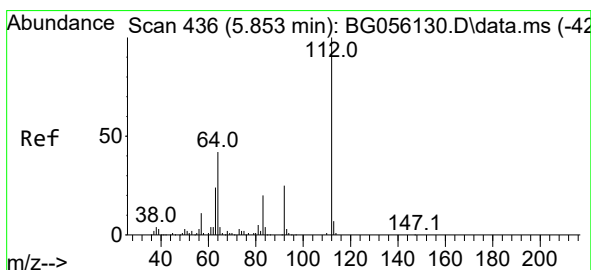
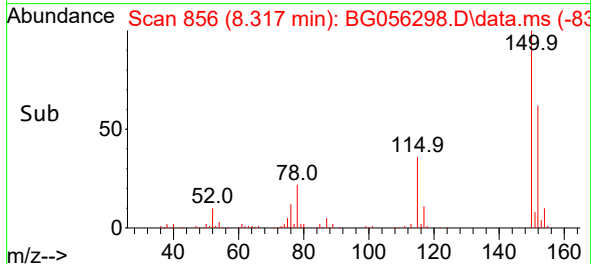
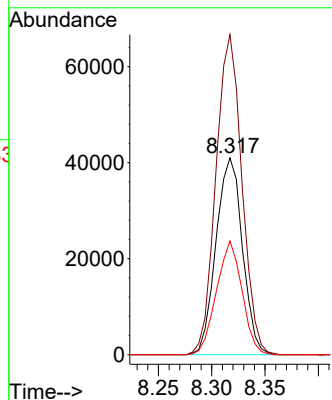
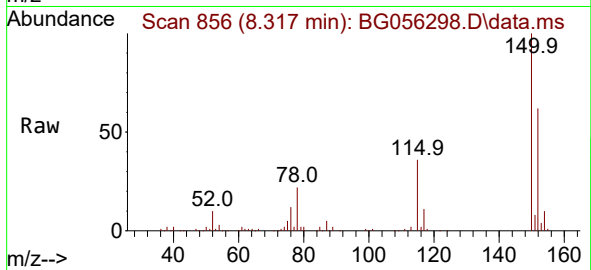




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

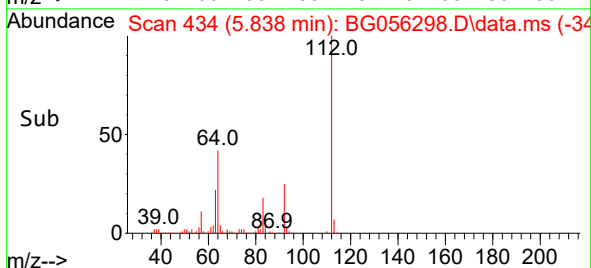
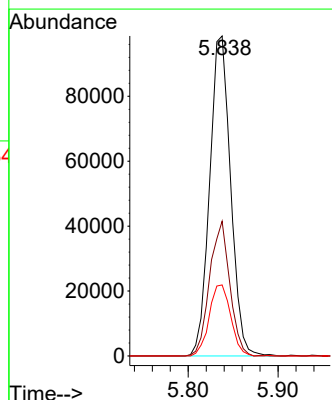
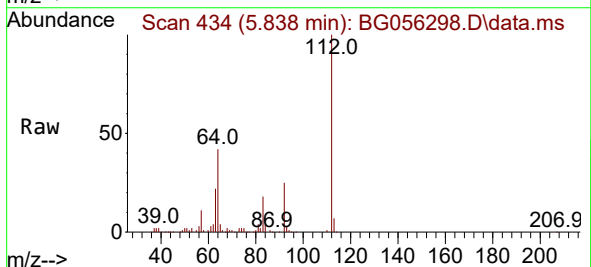
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

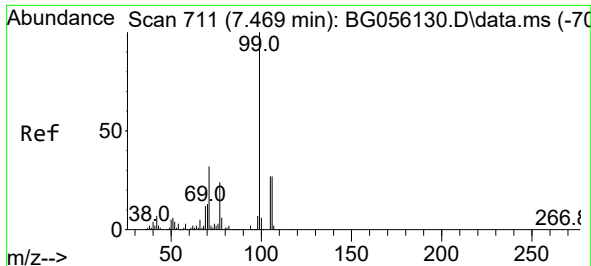
Tgt Ion:152 Resp: 70511
Ion Ratio Lower Upper
152 100
150 162.6 127.9 191.9
115 57.8 44.2 66.2



#5
2-Fluorophenol
Concen: 40.473 ng
RT: 5.838 min Scan# 434
Delta R.T. 0.012 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

Tgt Ion:112 Resp: 159830
Ion Ratio Lower Upper
112 100
64 42.1 33.3 49.9
63 22.2 19.0 28.4

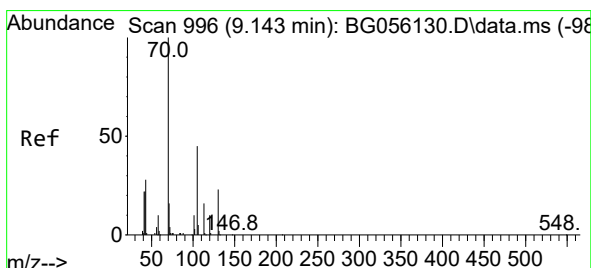
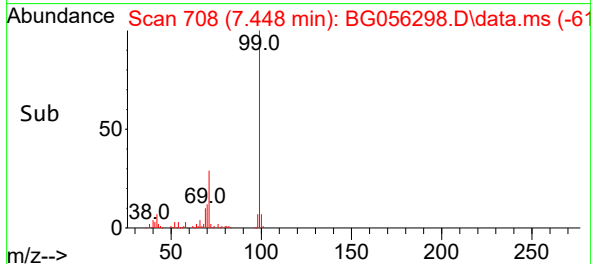
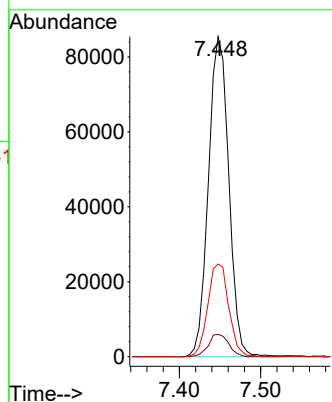
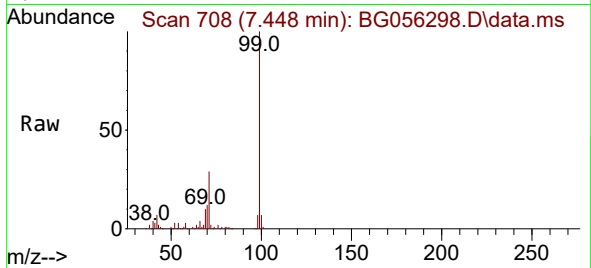




#7
Phenol-d6
Concen: 24.507 ng
RT: 7.448 min Scan# 711
Delta R.T. 0.000 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

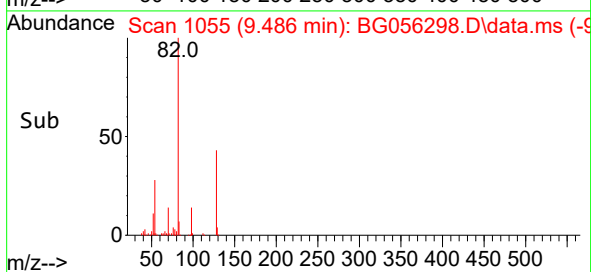
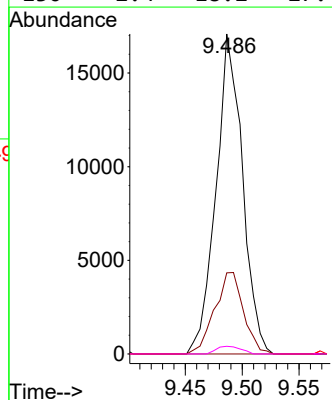
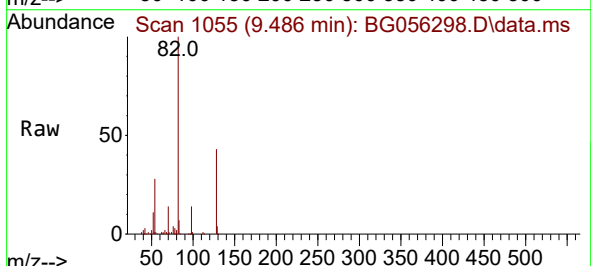
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

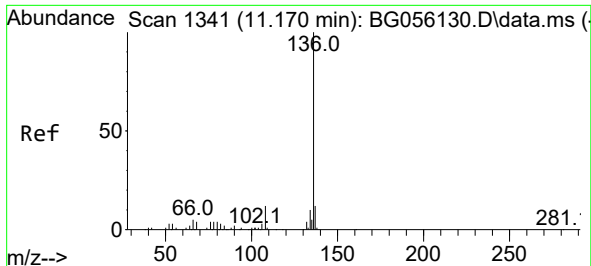
Tgt Ion: 99 Resp: 148627
Ion Ratio Lower Upper
99 100
42 6.9 5.9 8.9
71 29.0 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 7.479 ng
RT: 9.486 min Scan# 1055
Delta R.T. 0.371 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

Tgt Ion: 70 Resp: 27581
Ion Ratio Lower Upper
70 100
42 25.4 18.2 27.2
101 0.0 8.3 12.5#
130 2.4 18.2 27.4#

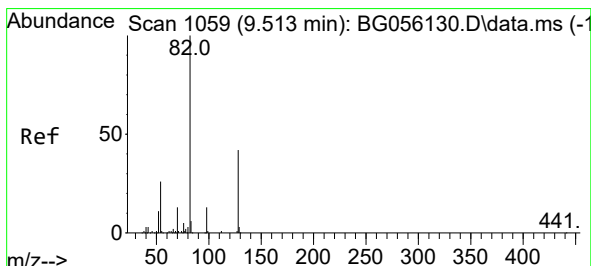
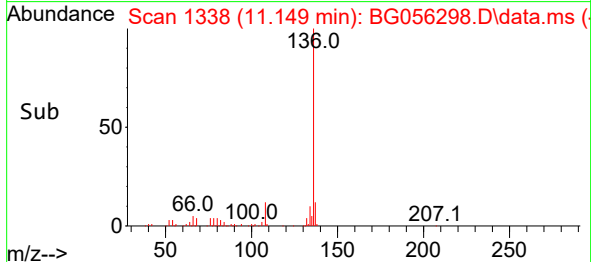
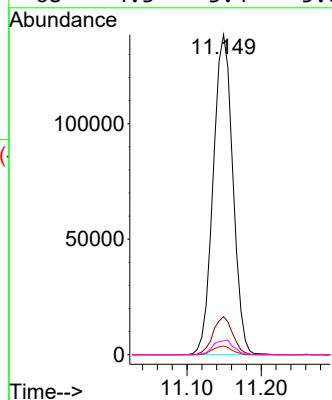
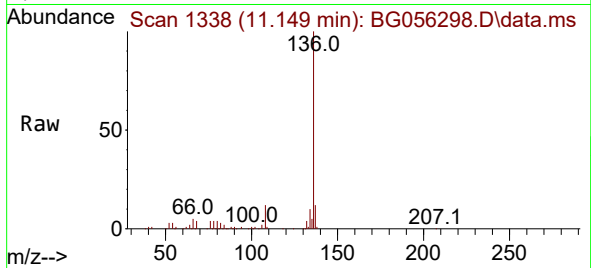




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

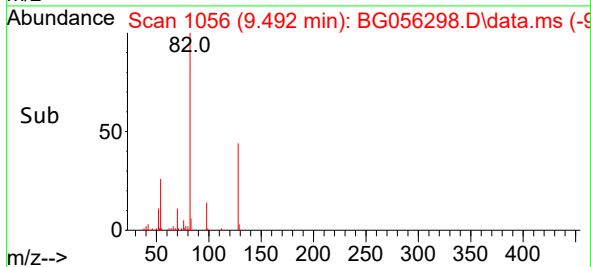
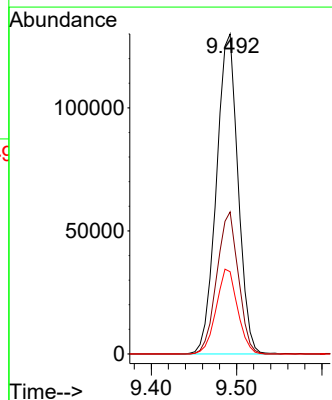
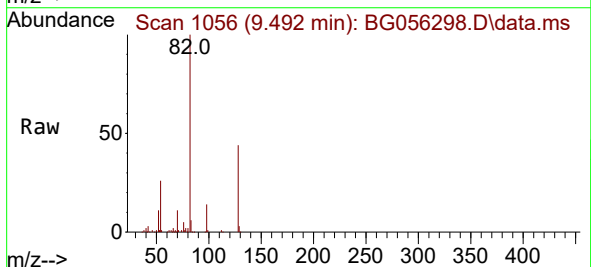
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

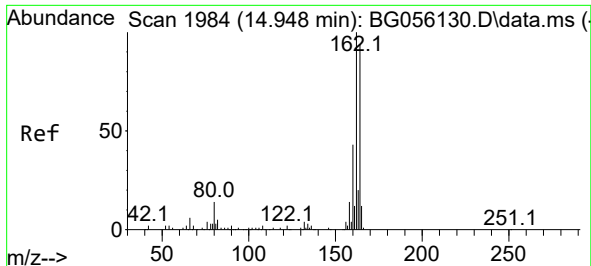
Tgt Ion:	136	Resp:	254814
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.0
54	2.7	2.2	3.2
68	4.3	3.4	5.0



#23
Nitrobenzene-d5
Concen: 45.967 ng
RT: 9.492 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

Tgt Ion:	82	Resp:	228986
Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.4	50.2
54	25.7	20.3	30.5

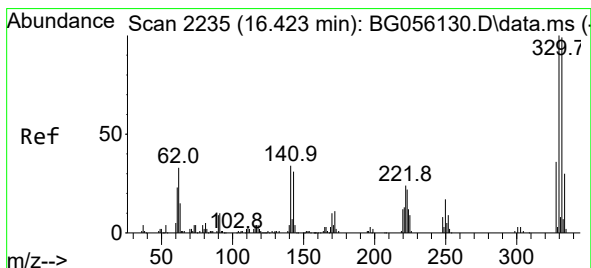
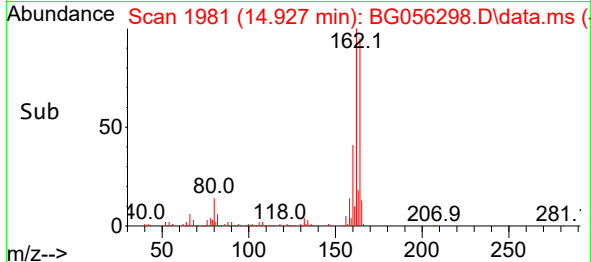
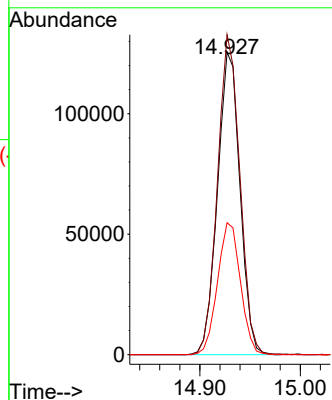
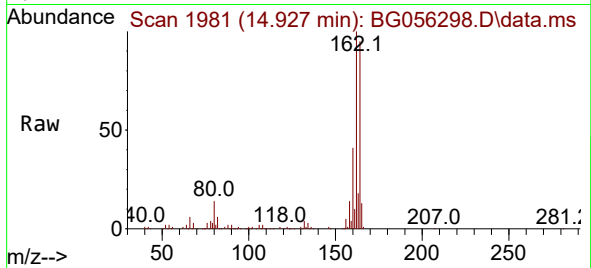




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.927 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: BG056298.D
 Acq: 16 Jan 2023 16:05

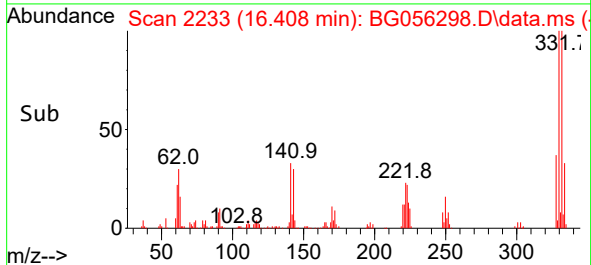
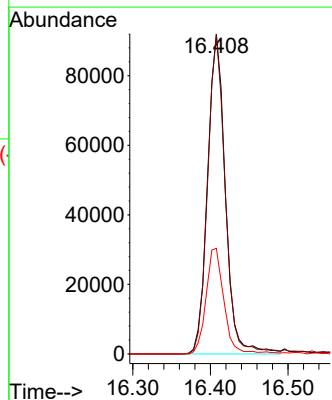
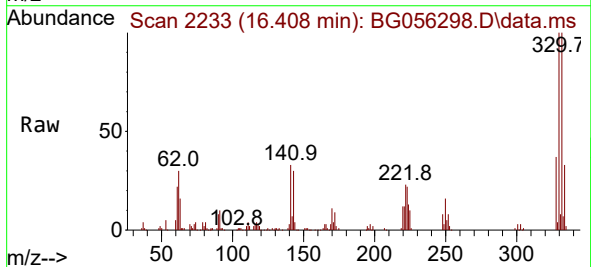
Instrument :
 BNA_G
 ClientSampleId :
 EB-2023-1-11

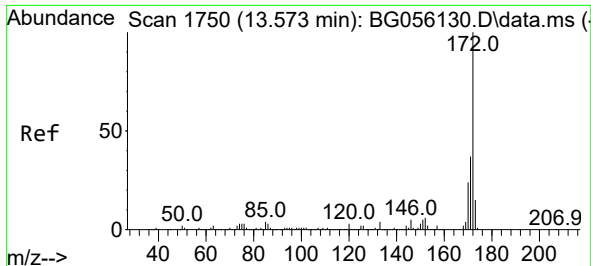
Tgt Ion:164 Resp: 194690
 Ion Ratio Lower Upper
 164 100
 162 105.7 84.7 127.1
 160 43.6 36.3 54.5



#42
 2,4,6-Tribromophenol
 Concen: 59.585 ng
 RT: 16.408 min Scan# 2233
 Delta R.T. 0.000 min
 Lab File: BG056298.D
 Acq: 16 Jan 2023 16:05

Tgt Ion:330 Resp: 146920
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.3 115.9
 141 33.3 27.9 41.9

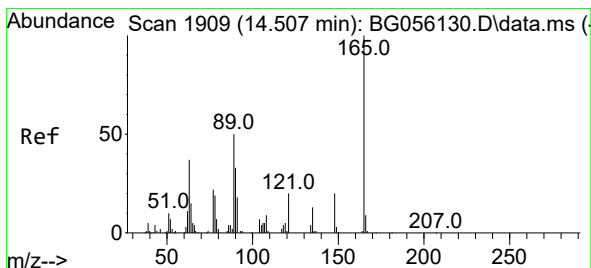
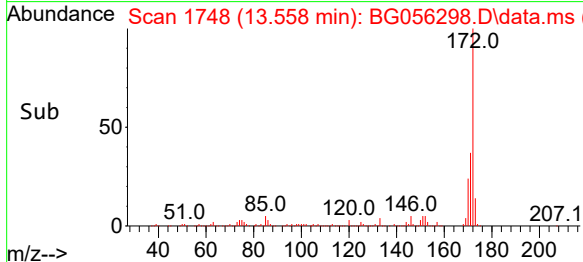
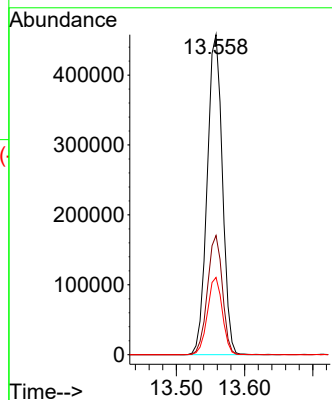
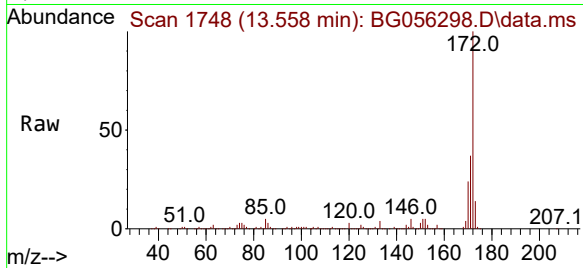




#45
2-Fluorobiphenyl
Concen: 50.301 ng
RT: 13.558 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

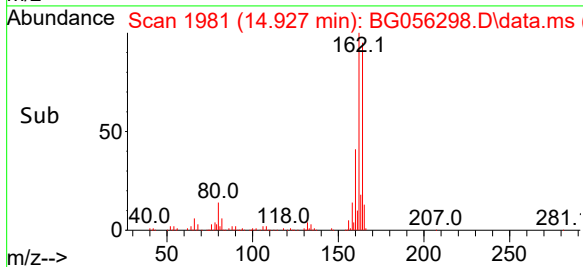
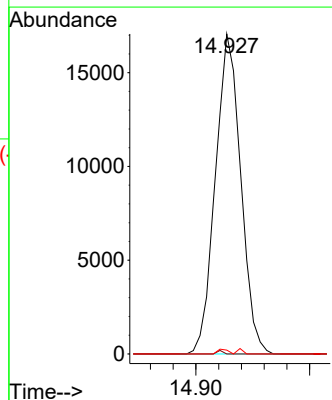
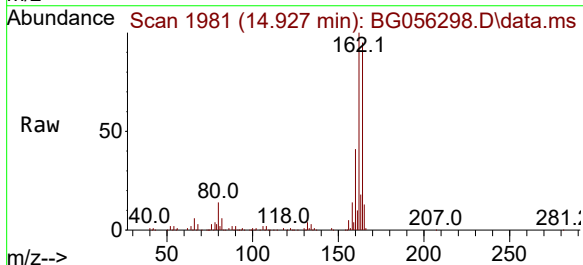
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

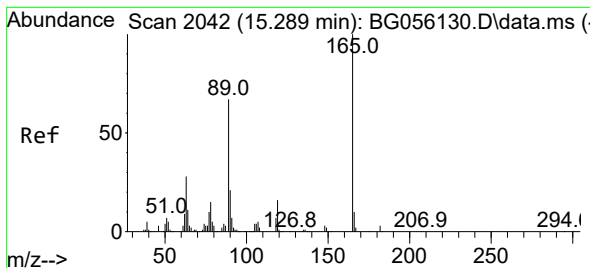
Tgt Ion:172 Resp: 709186
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.2 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.886 ng
RT: 14.927 min Scan# 1981
Delta R.T. 0.435 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

Tgt Ion:165 Resp: 26408
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.2 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.639 ng

RT: 14.927 min Scan# 1981

Delta R.T. -0.346 min

Lab File: BG056298.D

Acq: 16 Jan 2023 16:05

Instrument :

BNA_G

ClientSampleId :

EB-2023-1-11

Tgt Ion:165 Resp: 26408

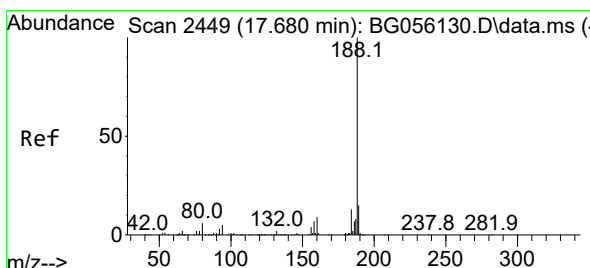
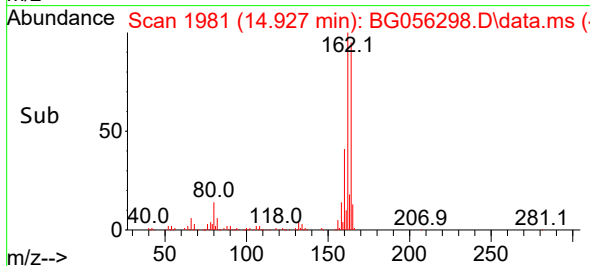
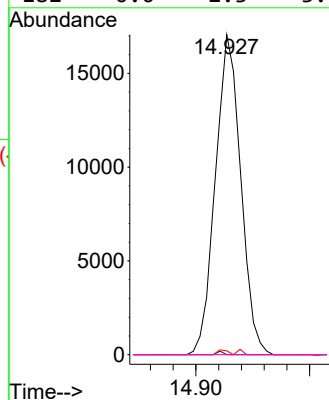
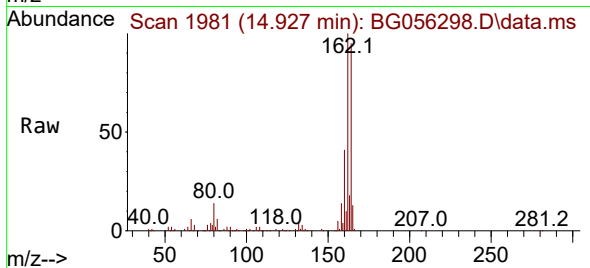
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 1.2 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.665 min Scan# 2447

Delta R.T. 0.000 min

Lab File: BG056298.D

Acq: 16 Jan 2023 16:05

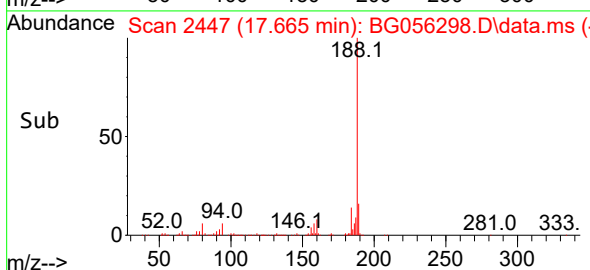
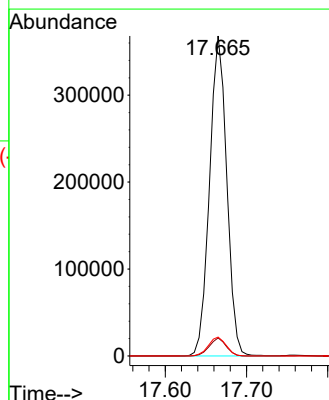
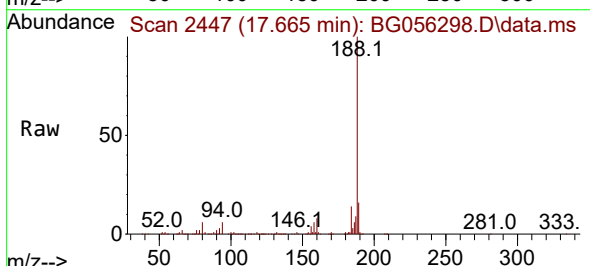
Tgt Ion:188 Resp: 540937

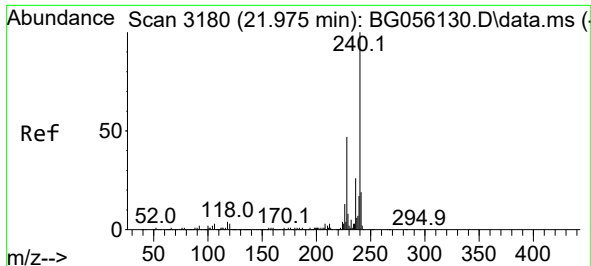
Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.2

80 5.9 5.0 7.4

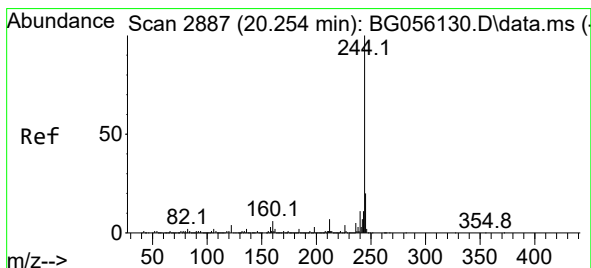
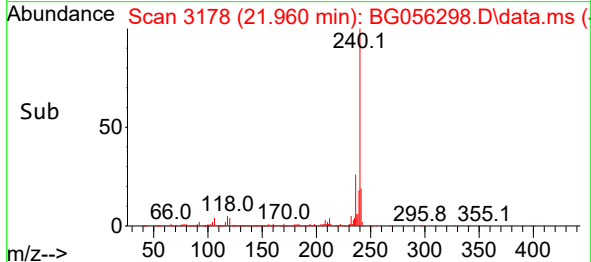
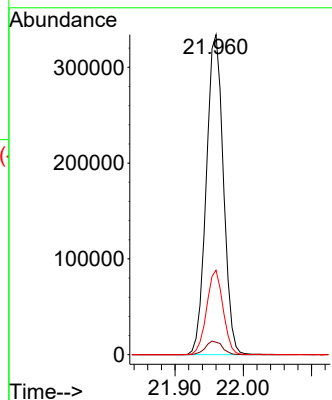
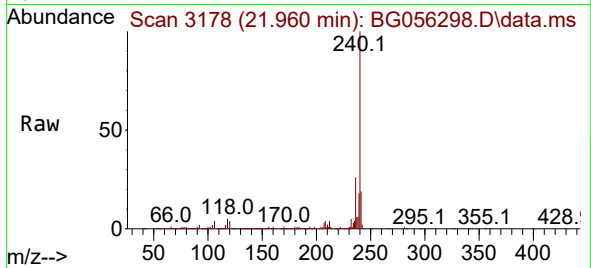




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.960 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

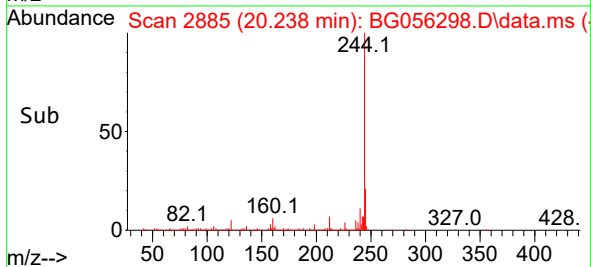
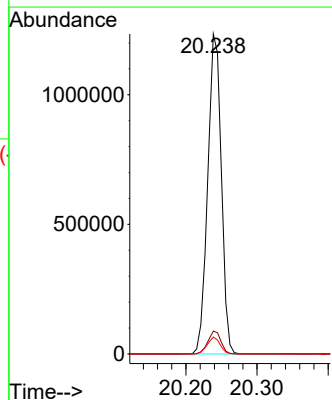
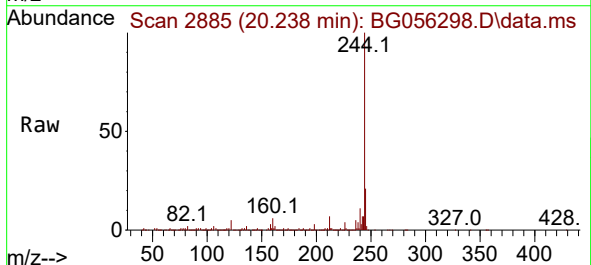
Instrument :
BNA_G
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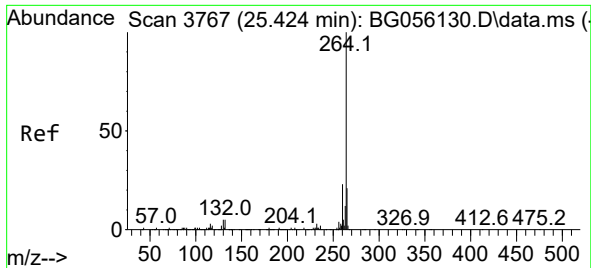
Tgt Ion:240 Resp: 581620
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 26.4 20.8 31.2



#79
Terphenyl-d14
Concen: 50.626 ng
RT: 20.238 min Scan# 2885
Delta R.T. 0.000 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

Tgt Ion:244 Resp: 1644023
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 5.3 3.5 5.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.403 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BG056298.D
 Acq: 16 Jan 2023 16:05

Instrument :
 BNA_G
 ClientSampleId :
 EB-2023-1-11

Tgt Ion:264 Resp: 612537
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.0 16.7 25.1

