

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
 Data File : BG056480.D
 Acq On : 31 Jan 2023 10:46
 Operator : CG/JU
 Sample : PB150197BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150197BL

Quant Time: Feb 01 01:18:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

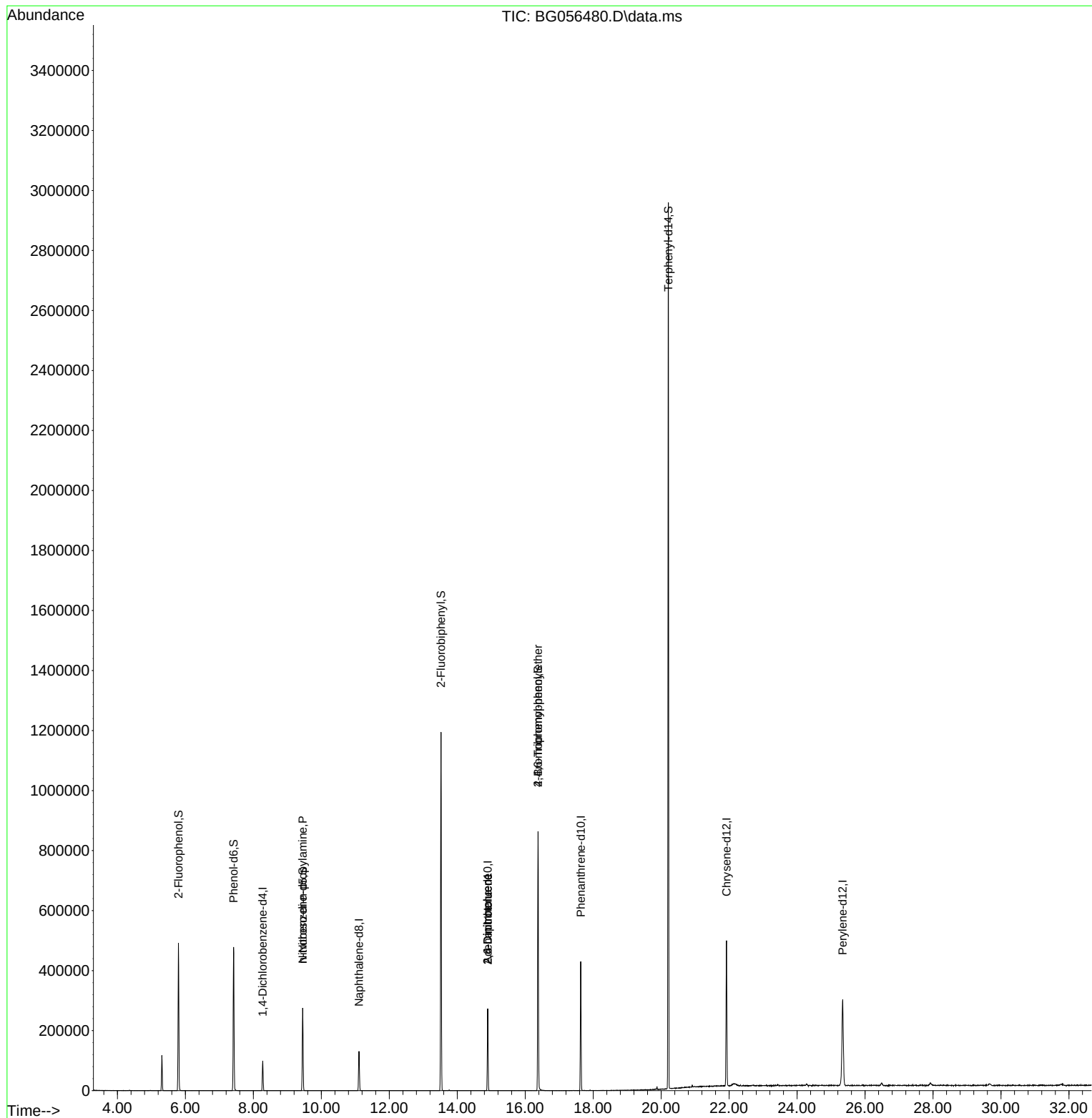
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	32870	20.000	ng	0.00
21) Naphthalene-d8	11.107	136	126691	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	105277	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	305452	20.000	ng	0.00
76) Chrysene-d12	21.924	240	329222	20.000	ng	0.00
86) Perylene-d12	25.344	264	354259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	280482	156.973	ng	0.00
7) Phenol-d6	7.418	99	382611	144.519	ng	0.00
23) Nitrobenzene-d5	9.451	82	194185	87.037	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	190148	135.859	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	672398	88.550	ng	0.00
79) Terphenyl-d14	20.214	244	1664610	88.805	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.418	77	521	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.451	70	22605	14.816	ng	# 72
51) 2,6-Dinitrotoluene	14.897	165	13552	7.296	ng	# 36
57) 2,4-Dinitrotoluene	14.897	165	13552	5.180	ng	# 35
67) 4-Bromophenyl-phenylether	16.378	248	15171	3.880	ng	# 1

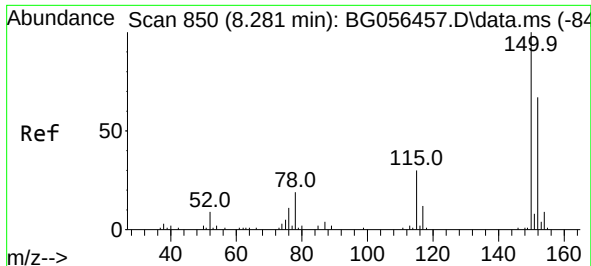
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056480.D
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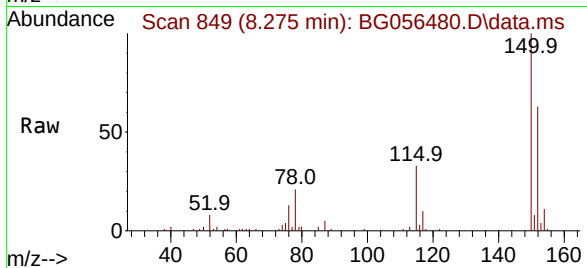
Quant Time: Feb 01 01:18:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration



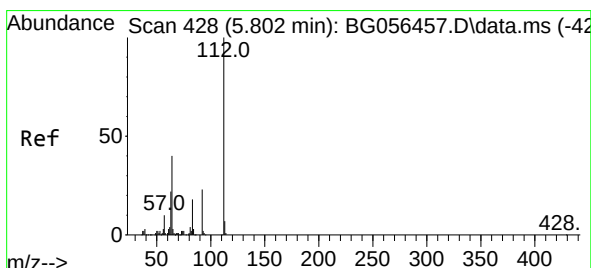
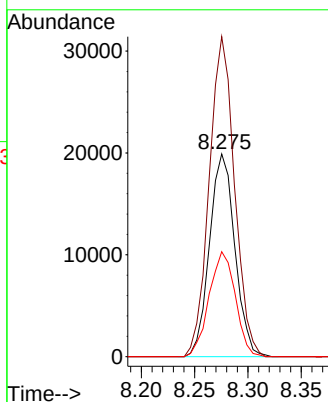
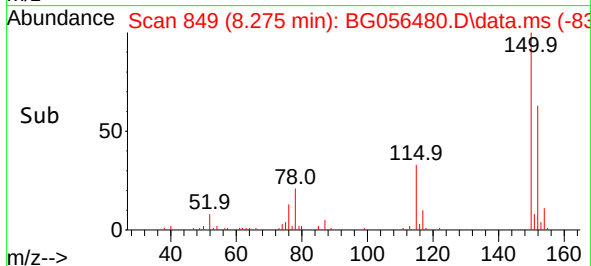


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.275 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG056480.D
Acq: 31 Jan 2023 10:46

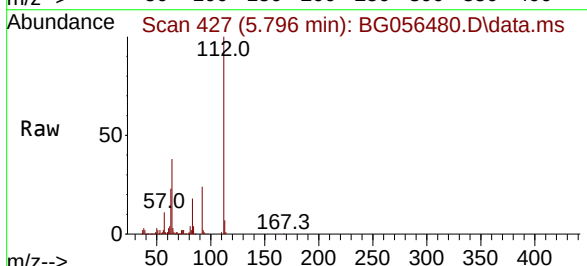
Instrument :
BNA_G
ClientSampleId :
PB150197BL



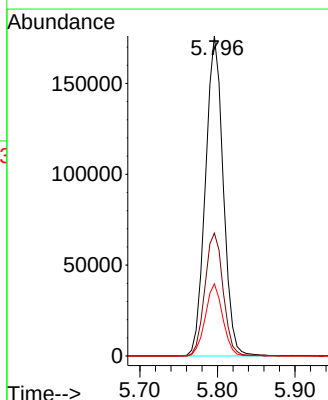
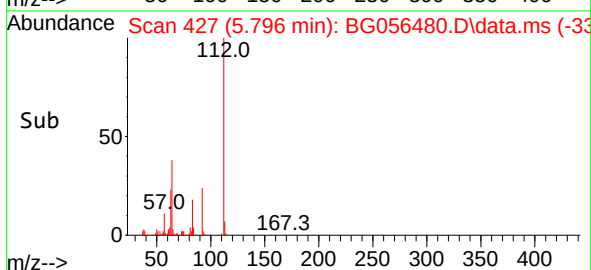
Tgt Ion:152 Resp: 32870
Ion Ratio Lower Upper
152 100
150 157.8 120.2 180.4
115 51.8 36.3 54.5

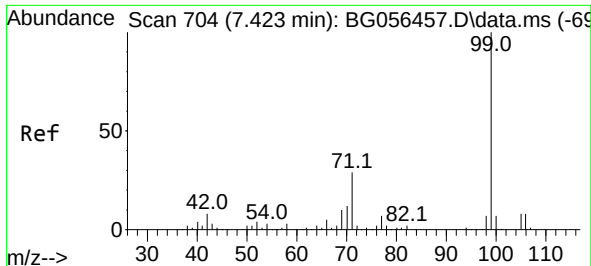


#5
2-Fluorophenol
Concen: 156.973 ng
RT: 5.796 min Scan# 427
Delta R.T. -0.000 min
Lab File: BG056480.D
Acq: 31 Jan 2023 10:46



Tgt Ion:112 Resp: 280482
Ion Ratio Lower Upper
112 100
64 38.4 31.9 47.9
63 22.5 17.4 26.0

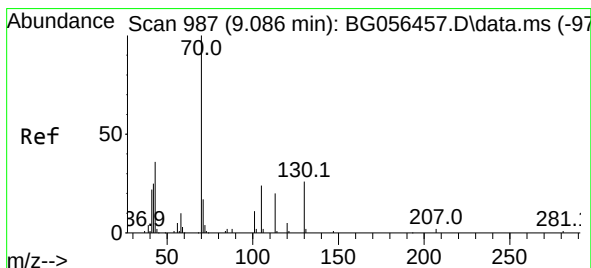
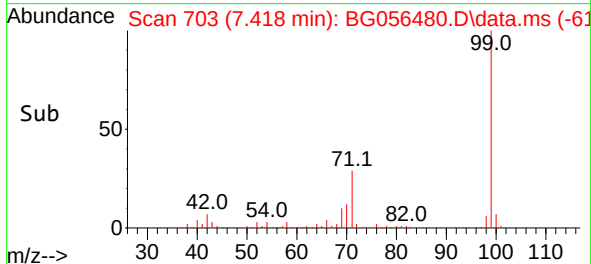
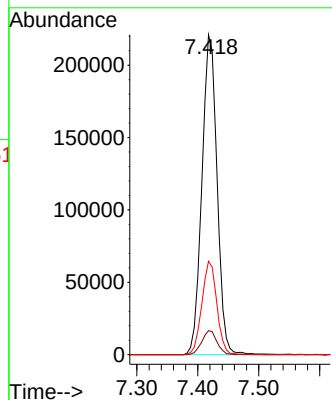
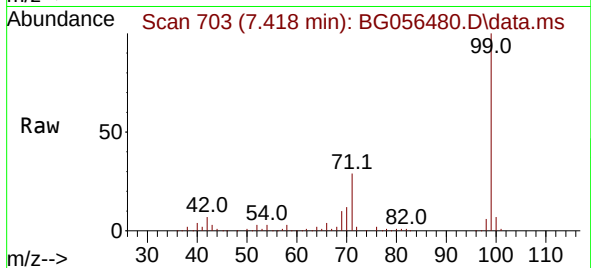




#7
Phenol-d6
Concen: 144.519 ng
RT: 7.418 min Scan# 704
Delta R.T. -0.000 min
Lab File: BG056480.D
Acq: 31 Jan 2023 10:46

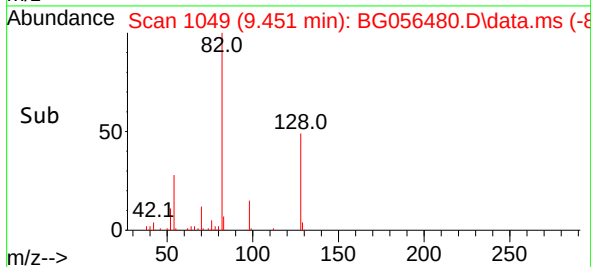
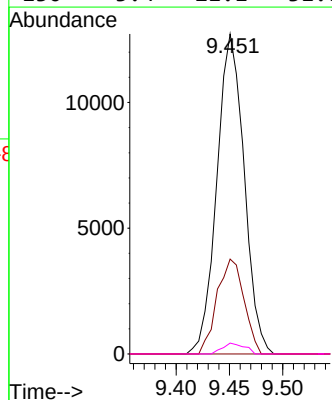
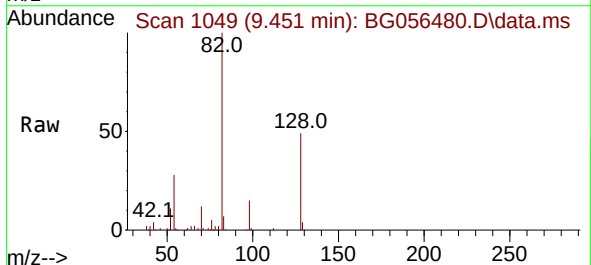
Instrument :
BNA_G
ClientSampleId :
PB150197BL

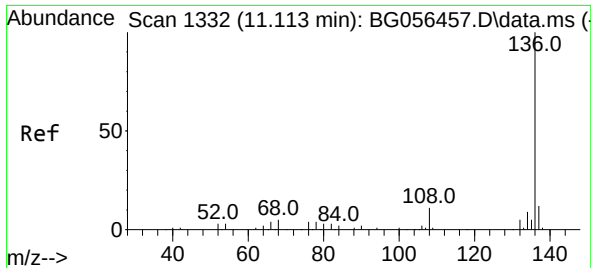
Tgt Ion: 99 Resp: 382611
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 29.2 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.816 ng
RT: 9.451 min Scan# 1049
Delta R.T. 0.370 min
Lab File: BG056480.D
Acq: 31 Jan 2023 10:46

Tgt Ion: 70 Resp: 22605
Ion Ratio Lower Upper
70 100
42 29.7 20.2 30.4
101 0.0 9.1 13.7#
130 3.4 21.1 31.7#

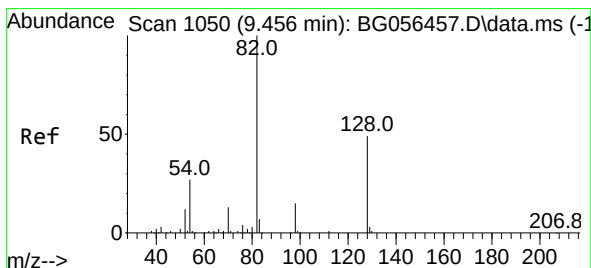
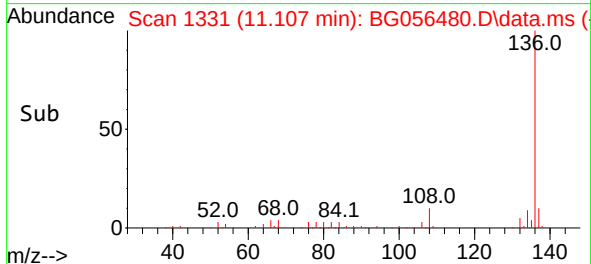
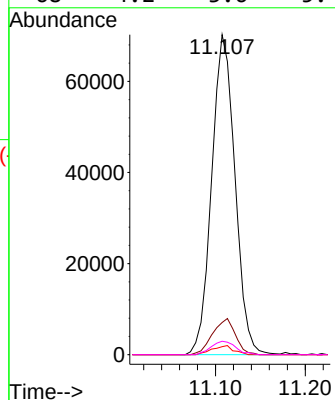
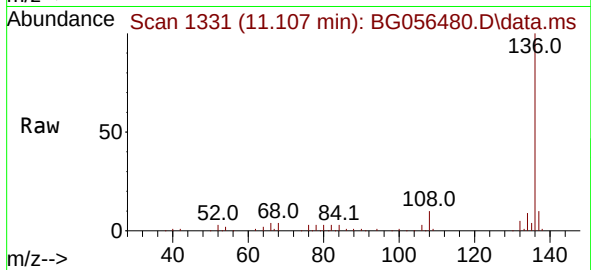




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056480.D
Acq: 31 Jan 2023 10:46

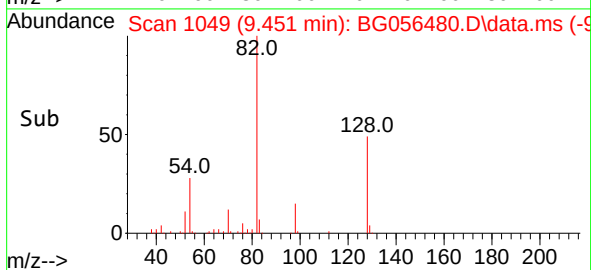
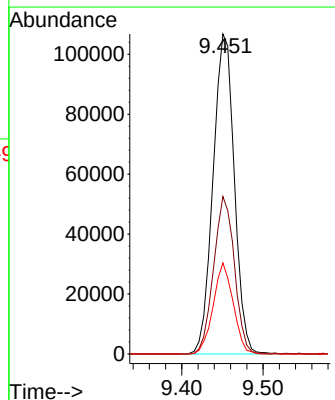
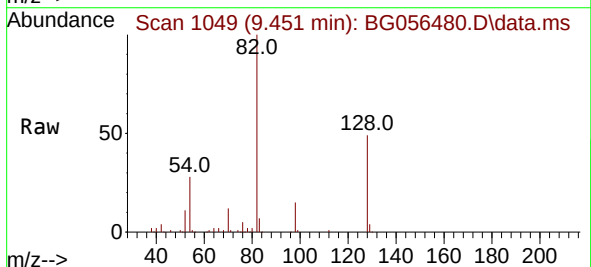
Instrument :
BNA_G
ClientSampleId :
PB150197BL

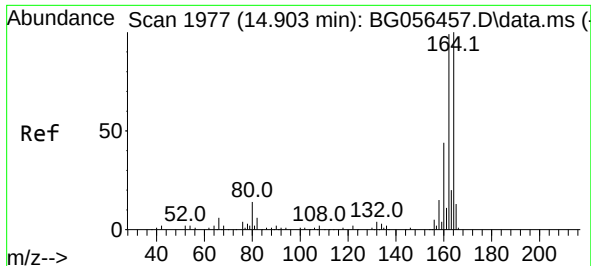
Tgt Ion:136 Resp: 126691
Ion Ratio Lower Upper
136 100
137 10.0 9.4 14.0
54 2.5 2.2 3.4
68 4.2 3.6 5.4



#23
Nitrobenzene-d5
Concen: 87.037 ng
RT: 9.451 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BG056480.D
Acq: 31 Jan 2023 10:46

Tgt Ion: 82 Resp: 194185
Ion Ratio Lower Upper
82 100
128 49.2 39.4 59.2
54 28.5 21.4 32.2

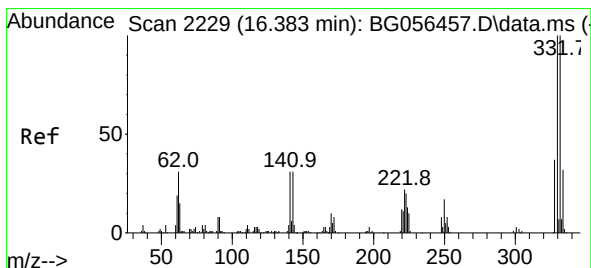
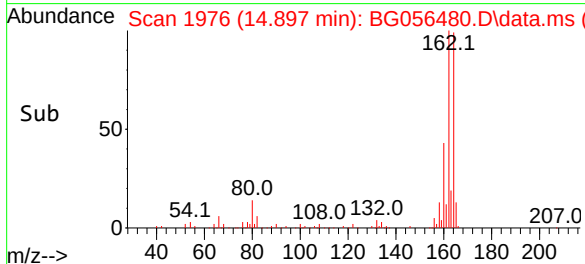
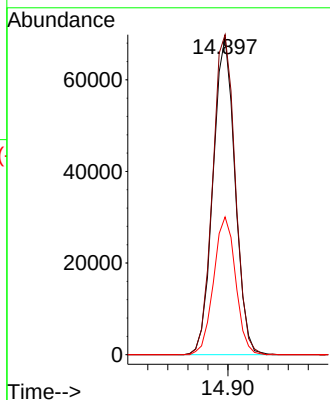
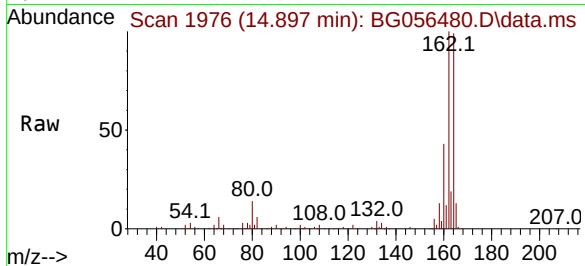




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.897 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BG056480.D
Acq: 31 Jan 2023 10:46

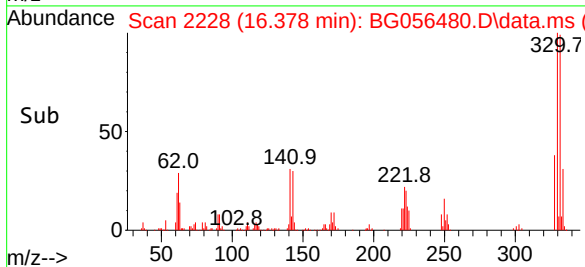
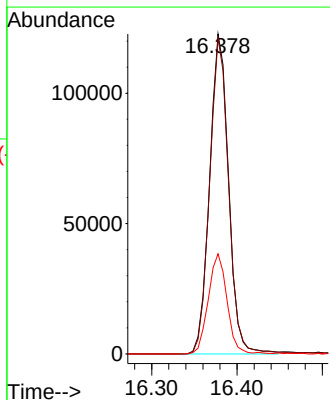
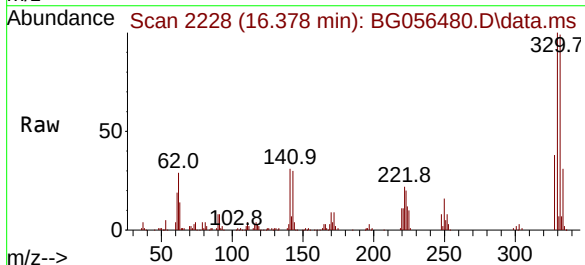
Instrument :
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ClientSampleId :
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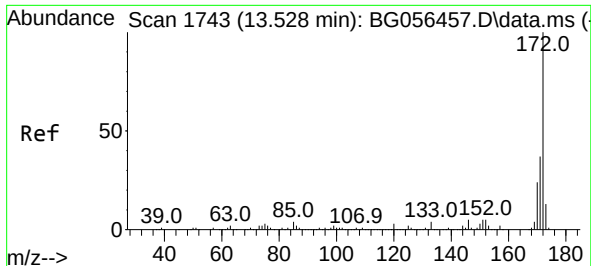
Tgt Ion:164 Resp: 105277
Ion Ratio Lower Upper
164 100
162 100.7 79.6 119.4
160 43.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 135.859 ng
RT: 16.378 min Scan# 2228
Delta R.T. -0.000 min
Lab File: BG056480.D
Acq: 31 Jan 2023 10:46

Tgt Ion:330 Resp: 190148
Ion Ratio Lower Upper
330 100
332 98.9 79.0 118.6
141 30.9 24.2 36.4

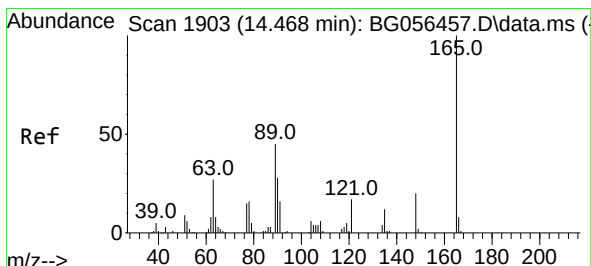
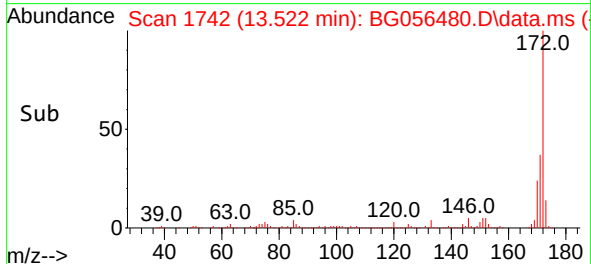
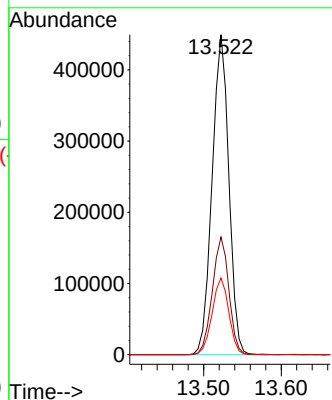
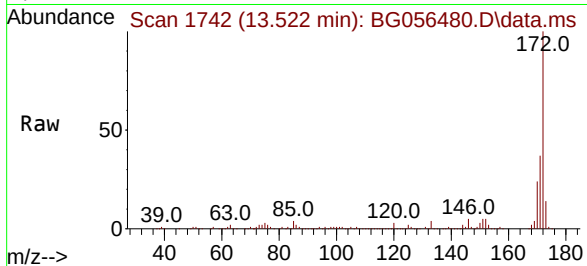




#45
2-Fluorobiphenyl
Concen: 88.550 ng
RT: 13.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG056480.D
Acq: 31 Jan 2023 10:46

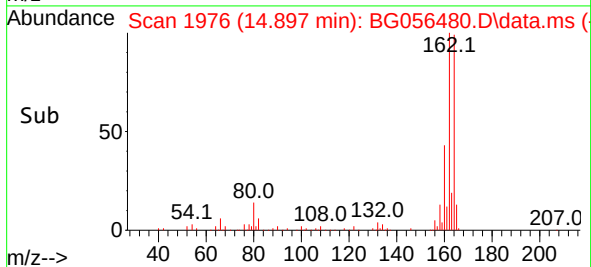
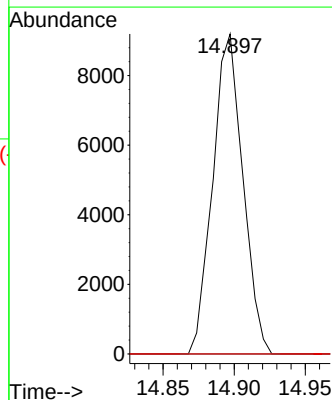
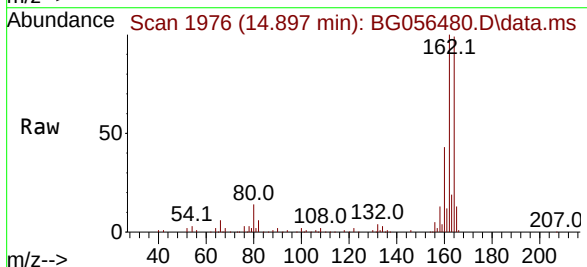
Instrument :
BNA_G
ClientSampleId :
PB150197BL

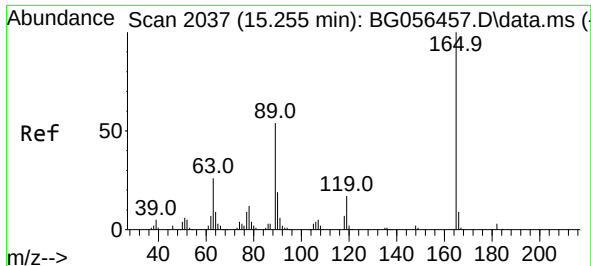
Tgt Ion:172 Resp: 672398
Ion Ratio Lower Upper
172 100
171 36.7 29.5 44.3
170 24.0 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.296 ng
RT: 14.897 min Scan# 1976
Delta R.T. 0.429 min
Lab File: BG056480.D
Acq: 31 Jan 2023 10:46

Tgt Ion:165 Resp: 13552
Ion Ratio Lower Upper
165 100
63 0.0 26.9 40.3#
89 0.0 35.6 53.4#





#57

2,4-Dinitrotoluene

Concen: 5.180 ng

RT: 14.897 min Scan# 14

Delta R.T. -0.353 min

Lab File: BG056480.D

Acq: 31 Jan 2023 10:46

Instrument :

BNA_G

ClientSampleId :

PB150197BL

Tgt Ion:165 Resp: 13552

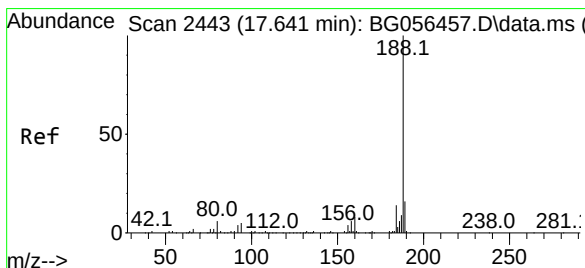
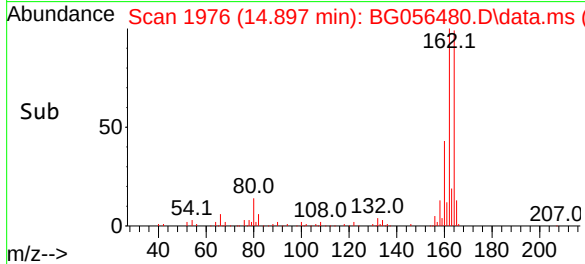
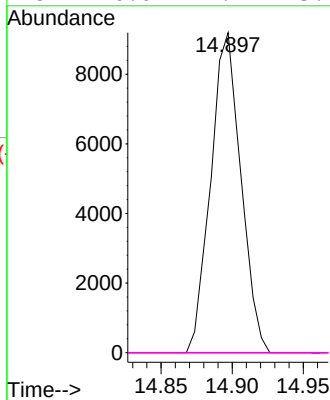
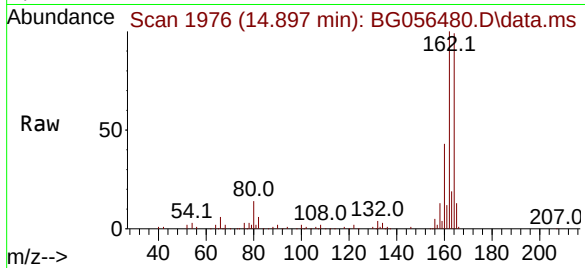
Ion Ratio Lower Upper

165 100

63 0.0 20.6 31.0#

89 0.0 43.1 64.7#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.635 min Scan# 2442

Delta R.T. -0.000 min

Lab File: BG056480.D

Acq: 31 Jan 2023 10:46

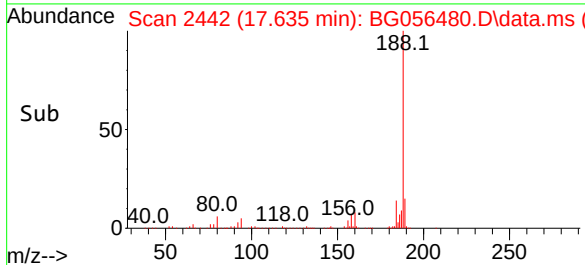
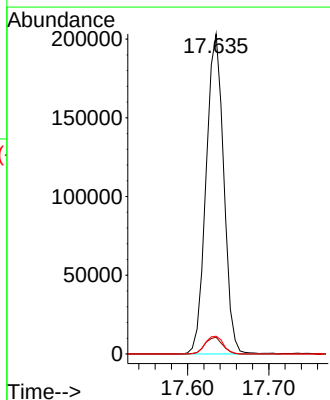
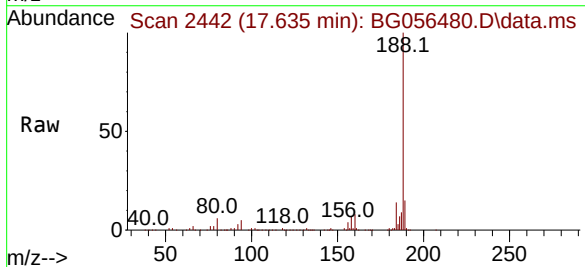
Tgt Ion:188 Resp: 305452

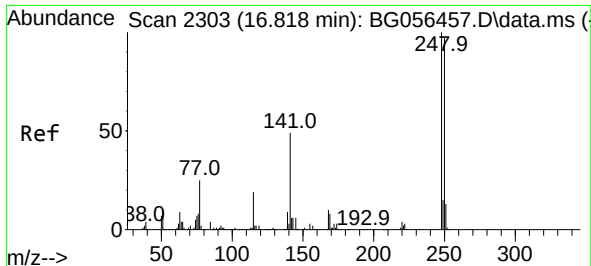
Ion Ratio Lower Upper

188 100

94 5.3 4.1 6.1

80 5.5 5.0 7.4

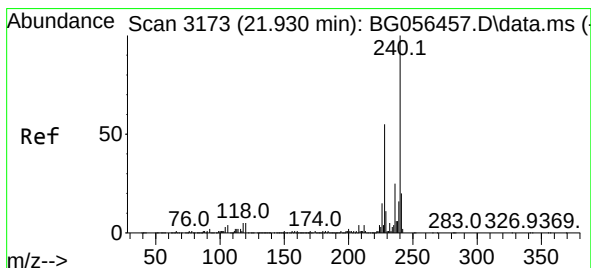
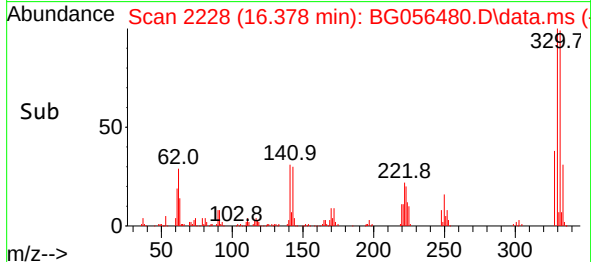
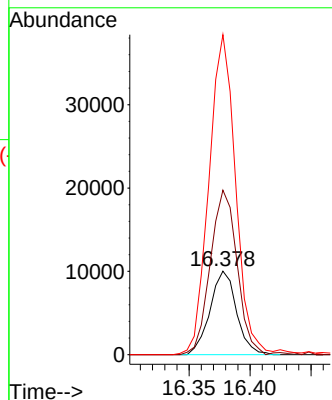
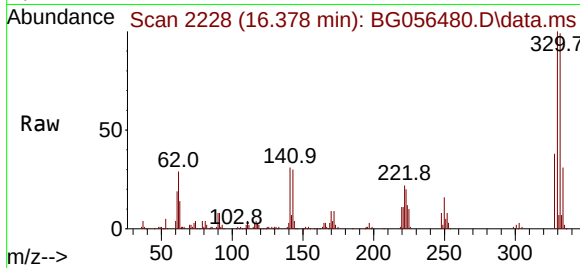




#67
4-Bromophenyl-phenylether
Concen: 3.880 ng
RT: 16.378 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG056480.D
Acq: 31 Jan 2023 10:46

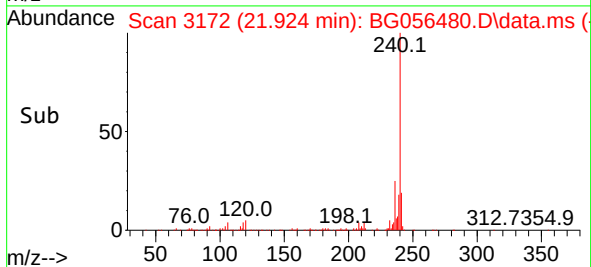
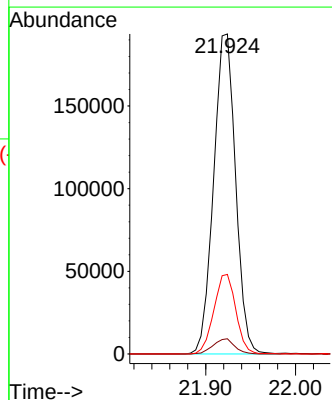
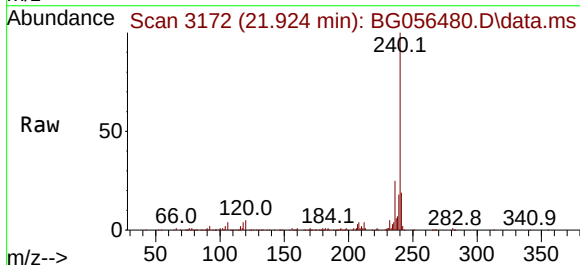
Instrument :
BNA_G
ClientSampleId :
PB150197BL

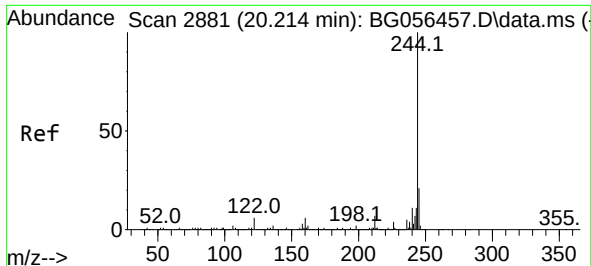
Tgt Ion:248 Resp: 15171
Ion Ratio Lower Upper
248 100
250 196.9 77.6 116.4#
141 383.0 39.0 58.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. -0.000 min
Lab File: BG056480.D
Acq: 31 Jan 2023 10:46

Tgt Ion:240 Resp: 329222
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.8
236 24.9 20.2 30.2

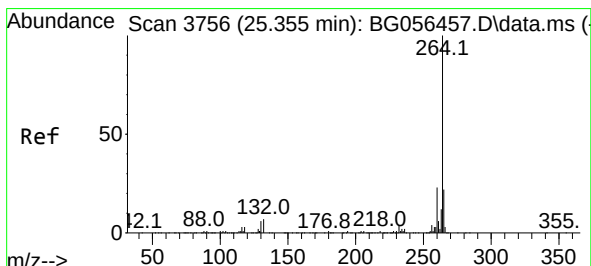
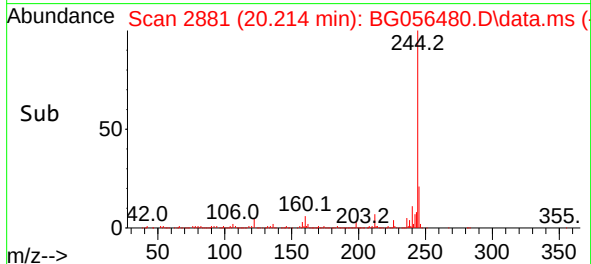
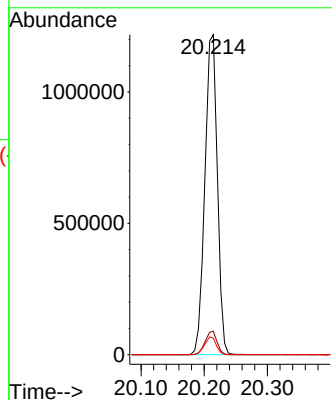
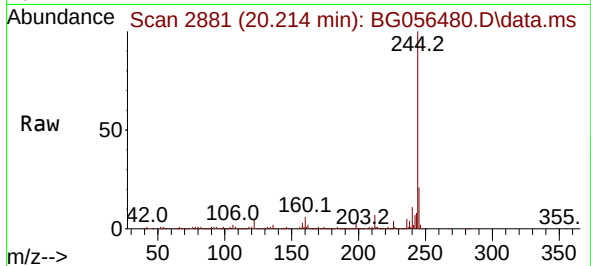




#79
 Terphenyl-d14
 Concen: 88.805 ng
 RT: 20.214 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG056480.D
 Acq: 31 Jan 2023 10:46

Instrument :
 BNA_G
 ClientSampleId :
 PB150197BL

Tgt Ion:244 Resp: 1664610
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 5.2 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.344 min Scan# 3754
 Delta R.T. -0.000 min
 Lab File: BG056480.D
 Acq: 31 Jan 2023 10:46

Tgt Ion:264 Resp: 354259
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.4
 265 21.9 18.1 27.1

