

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054495.D
 Acq On : 3 Aug 2022 11:46
 Operator : CG/JU
 Sample : PB146630BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146630BL

Quant Time: Aug 04 00:43:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

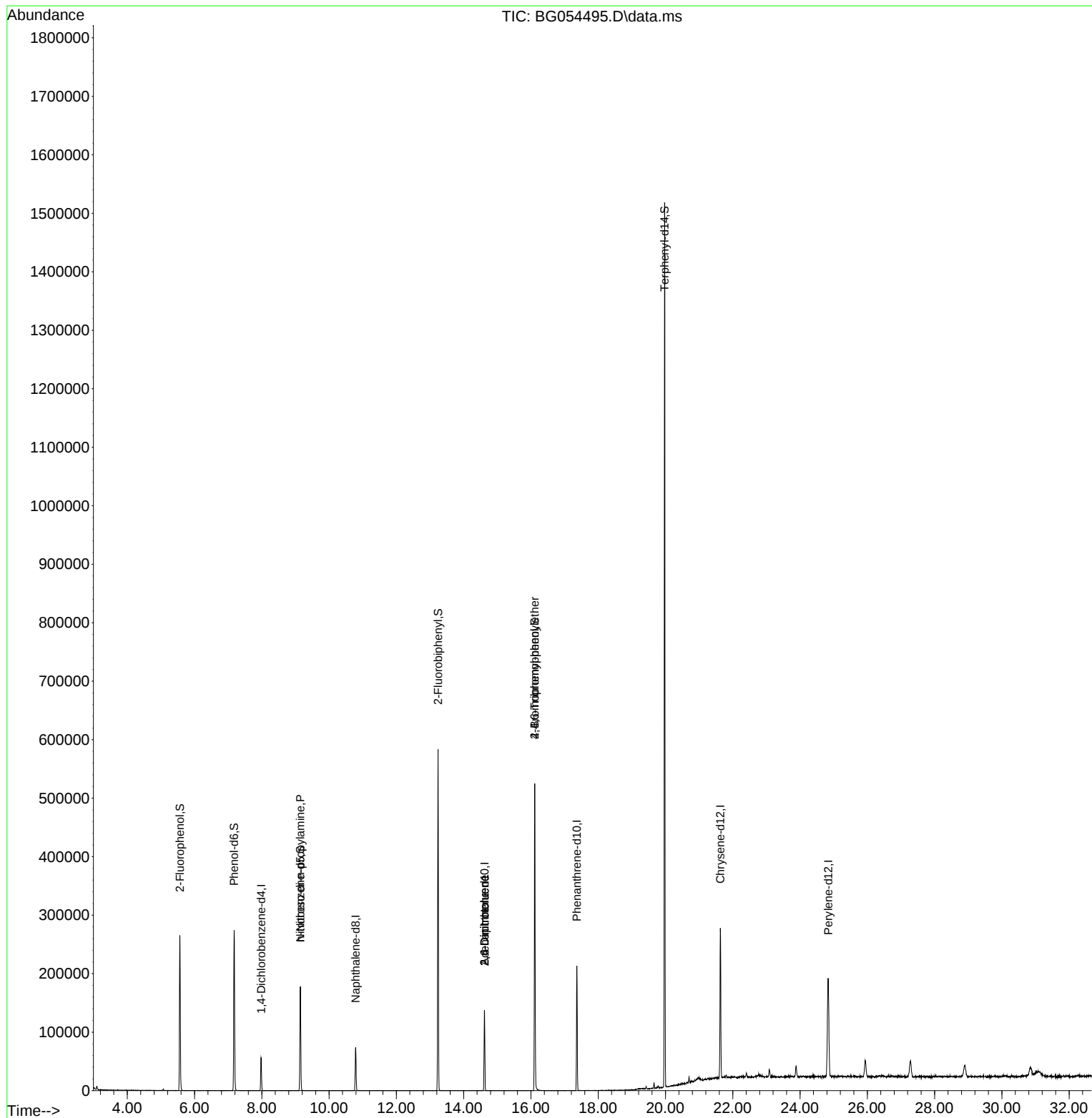
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	18221	20.000	ng	0.00
21) Naphthalene-d8	10.791	136	68673	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	55542	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	152486	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	183678	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	190155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	121679	139.428	ng	0.00
7) Phenol-d6	7.177	99	157760	131.927	ng	0.00
23) Nitrobenzene-d5	9.146	82	109267	86.648	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	143157	122.758	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	334939	85.070	ng	0.00
79) Terphenyl-d14	19.974	244	839098	90.626	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.183	77	139	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.146	70	16081	20.138	ng	# 82
51) 2,6-Dinitrotoluene	14.622	165	7495	7.876	ng	# 16
57) 2,4-Dinitrotoluene	14.622	165	7495	5.494	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	8154	3.807	ng	# 1

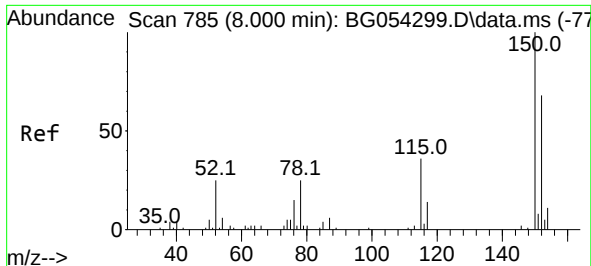
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
Data File : BG054495.D
Acq On : 3 Aug 2022 11:46
Operator : CG/JU
Sample : PB146630BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB146630BL

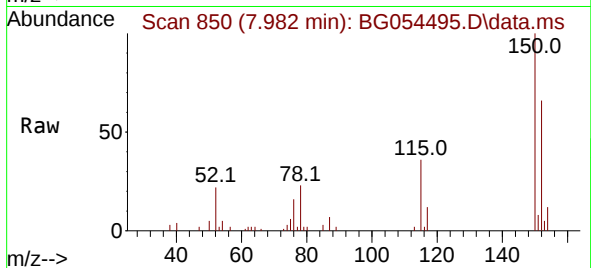
Quant Time: Aug 04 00:43:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration



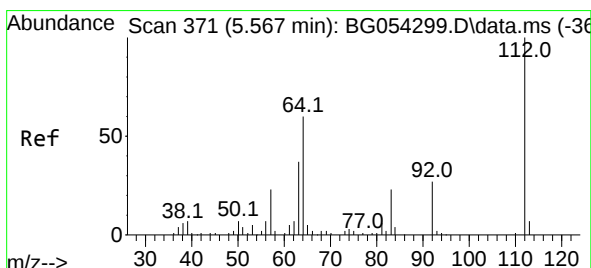
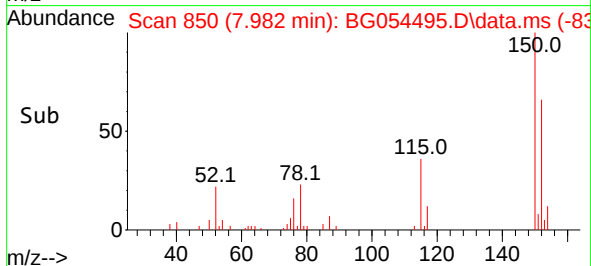
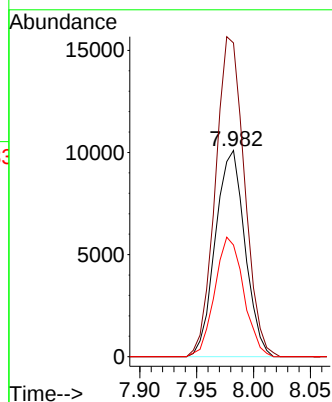


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054495.D
Acq: 3 Aug 2022 11:46

Instrument :
BNA_G
ClientSampleId :
PB146630BL

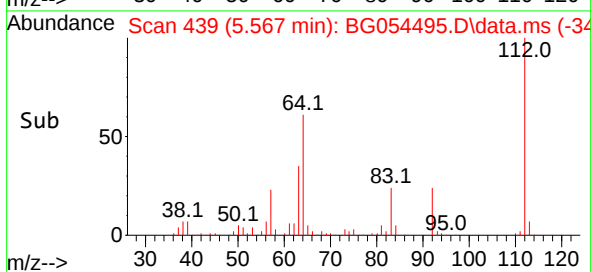
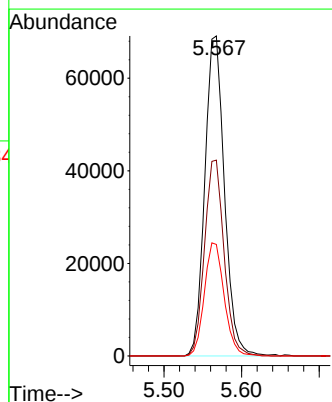
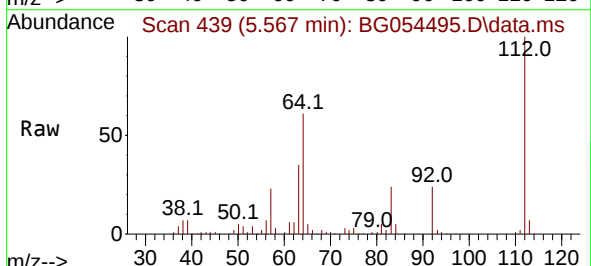


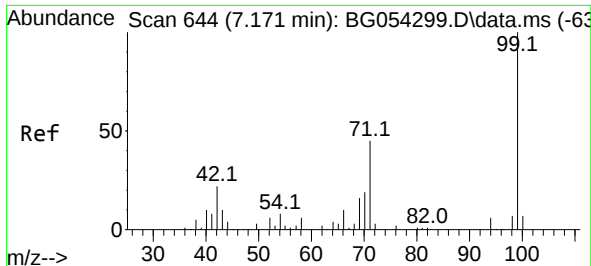
Tgt Ion:152 Resp: 18221
Ion Ratio Lower Upper
152 100
150 152.2 131.6 197.4
115 54.1 50.9 76.3



#5
2-Fluorophenol
Concen: 139.428 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.006 min
Lab File: BG054495.D
Acq: 3 Aug 2022 11:46

Tgt Ion:112 Resp: 121679
Ion Ratio Lower Upper
112 100
64 61.2 55.1 82.7
63 34.9 30.4 45.6

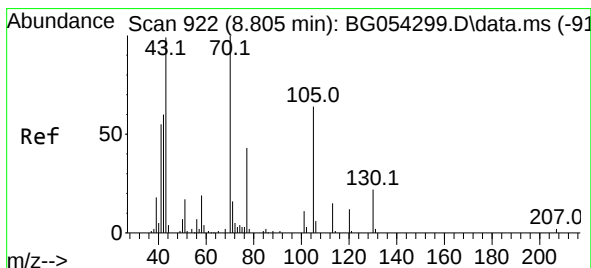
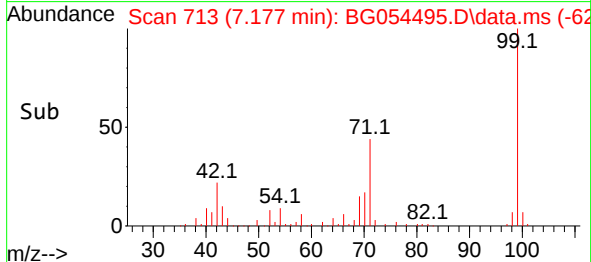
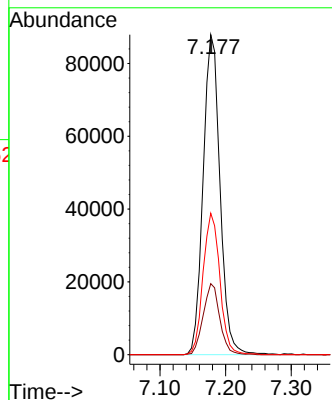
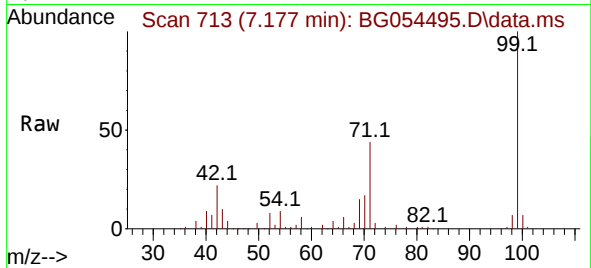




#7
Phenol-d6
Concen: 131.927 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG054495.D
Acq: 3 Aug 2022 11:46

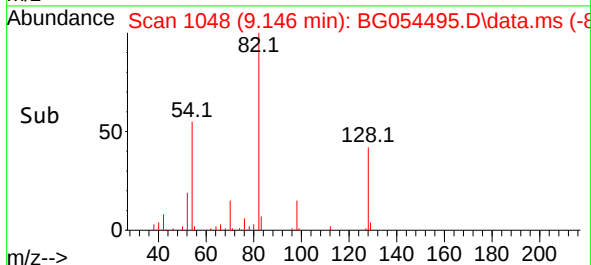
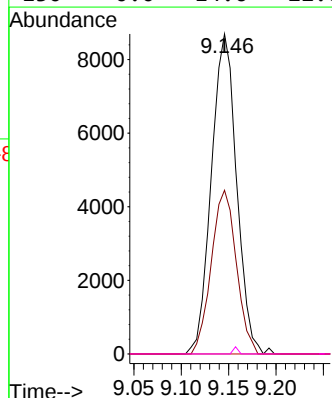
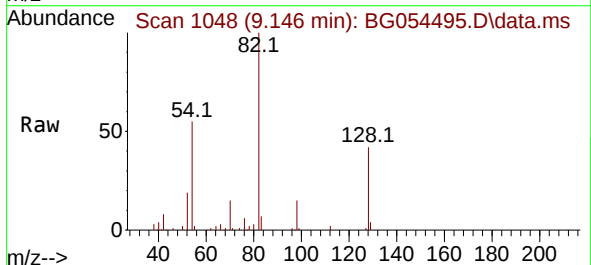
Instrument :
BNA_G
ClientSampleId :
PB146630BL

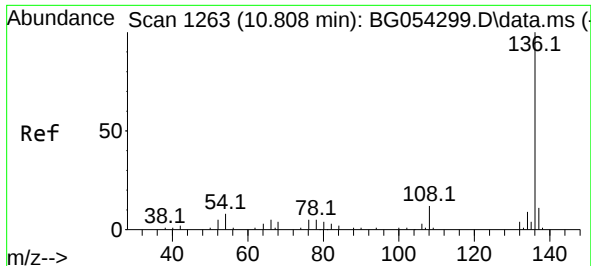
Tgt Ion: 99 Resp: 157760
Ion Ratio Lower Upper
99 100
42 22.2 17.0 25.6
71 44.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.138 ng
RT: 9.146 min Scan# 1048
Delta R.T. 0.352 min
Lab File: BG054495.D
Acq: 3 Aug 2022 11:46

Tgt Ion: 70 Resp: 16081
Ion Ratio Lower Upper
70 100
42 51.2 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

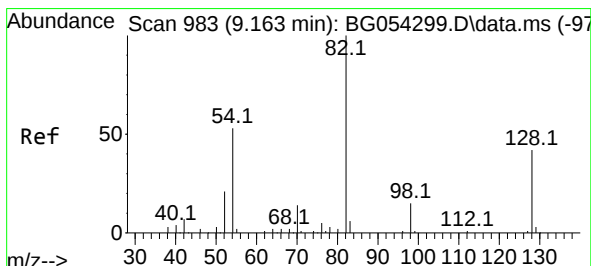
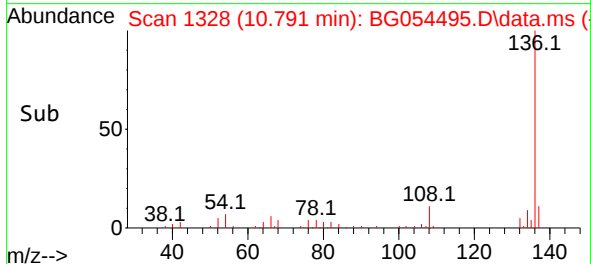
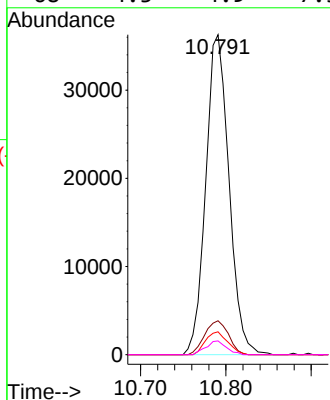
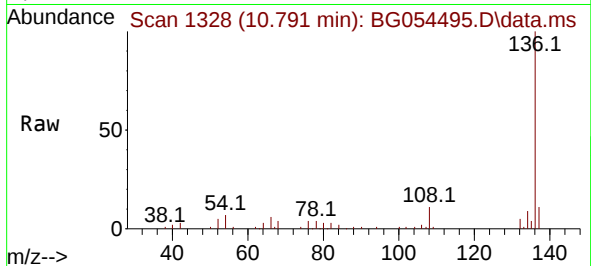




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054495.D
Acq: 3 Aug 2022 11:46

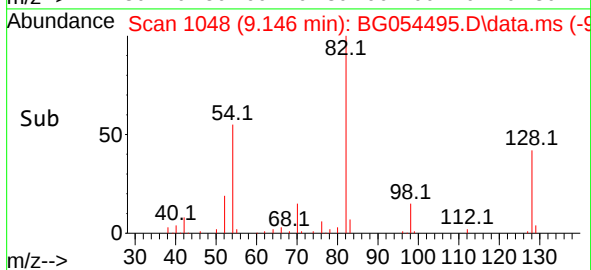
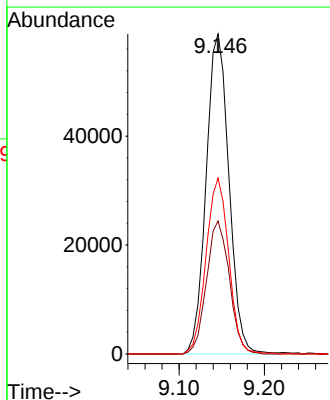
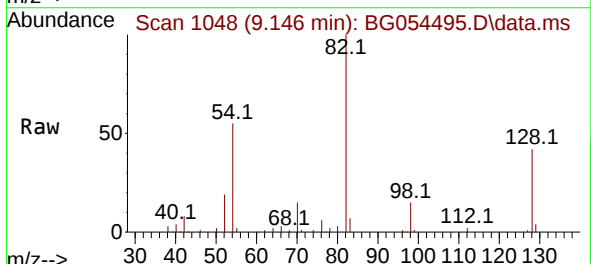
Instrument :
BNA_G
ClientSampleId :
PB146630BL

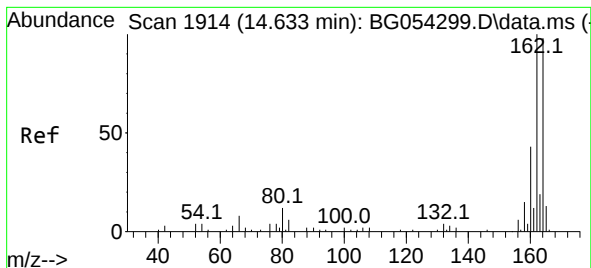
Tgt Ion:	136	Resp:	68673
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	7.2	7.4	11.2#
68	4.3	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 86.648 ng
RT: 9.146 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG054495.D
Acq: 3 Aug 2022 11:46

Tgt Ion:	82	Resp:	109267
Ion Ratio	Lower	Upper	
82	100		
128	41.6	27.9	41.9
54	54.9	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.622 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BG054495.D

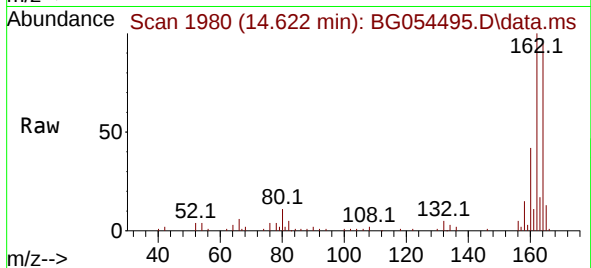
Acq: 3 Aug 2022 11:46

Instrument :

BNA_G

ClientSampleId :

PB146630BL



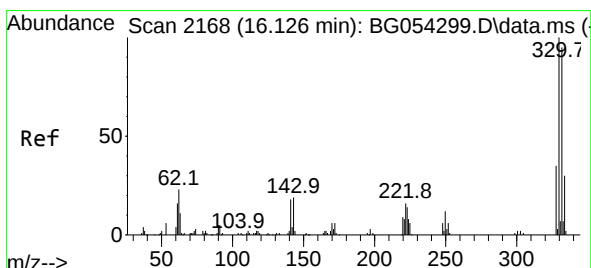
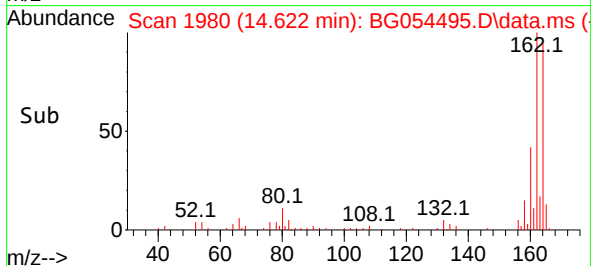
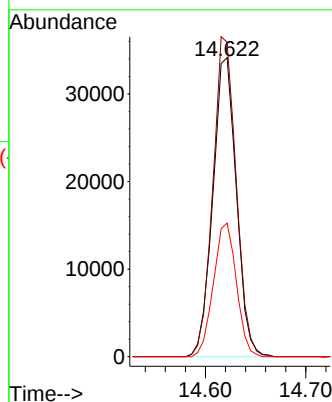
Tgt Ion:164 Resp: 55542

Ion Ratio Lower Upper

164 100

162 105.1 82.3 123.5

160 44.6 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 122.758 ng

RT: 16.114 min Scan# 2234

Delta R.T. -0.000 min

Lab File: BG054495.D

Acq: 3 Aug 2022 11:46

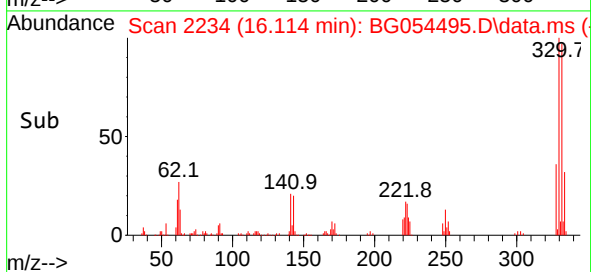
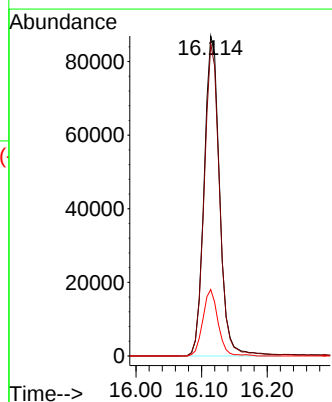
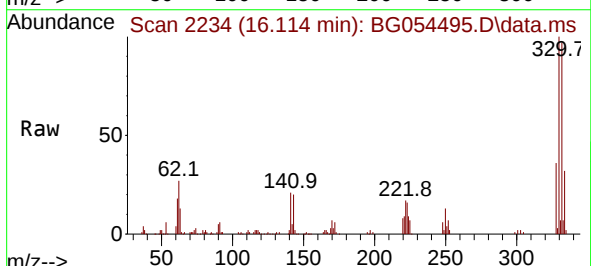
Tgt Ion:330 Resp: 143157

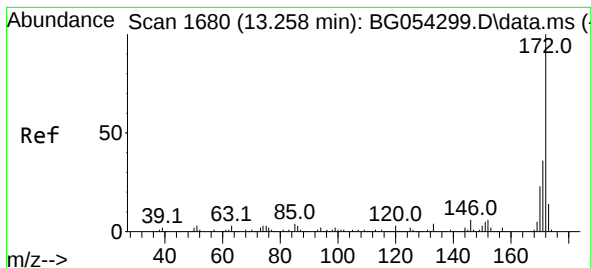
Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

141 20.3 27.1 40.7#

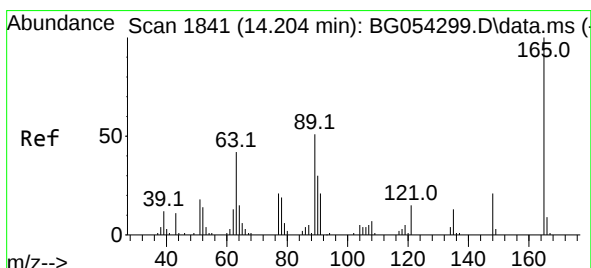
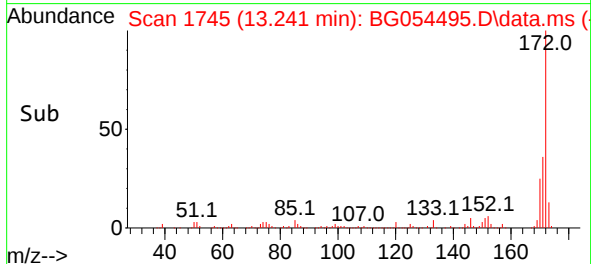
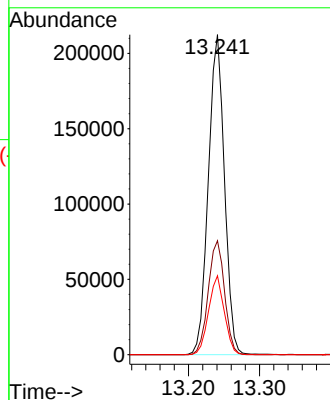
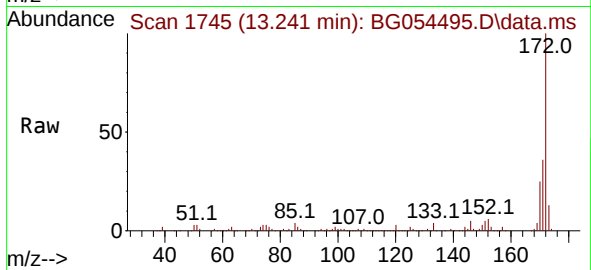




#45
2-Fluorobiphenyl
Concen: 85.070 ng
RT: 13.241 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054495.D
Acq: 3 Aug 2022 11:46

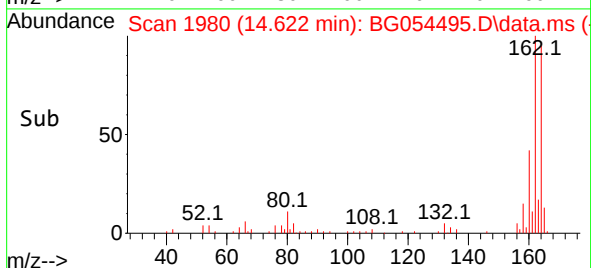
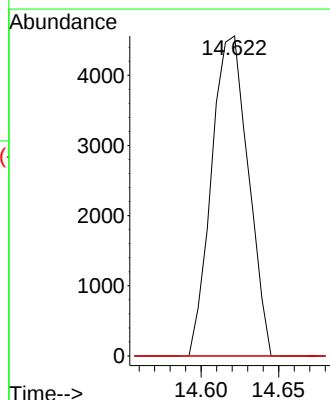
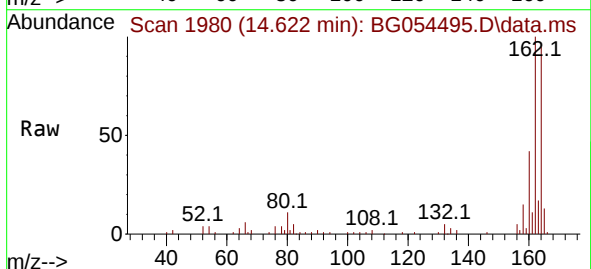
Instrument :
BNA_G
ClientSampleId :
PB146630BL

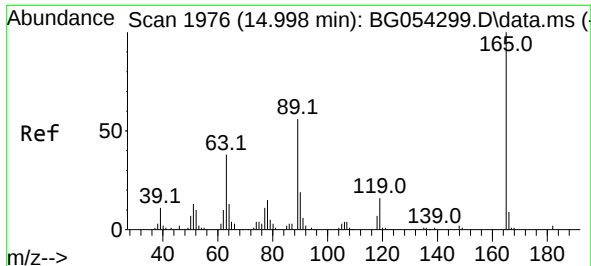
Tgt Ion:172 Resp: 334939
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.876 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.423 min
Lab File: BG054495.D
Acq: 3 Aug 2022 11:46

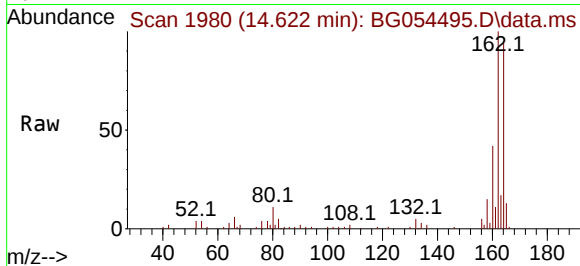
Tgt Ion:165 Resp: 7495
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



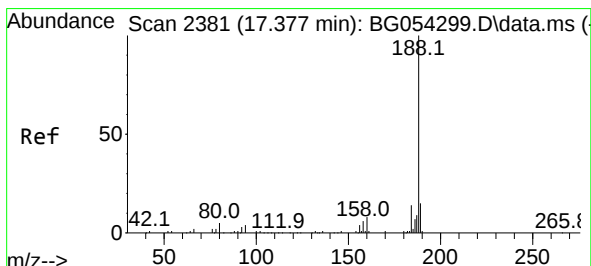
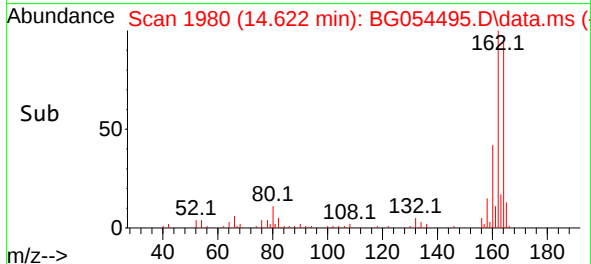
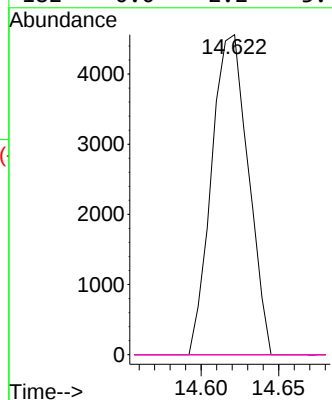


#57
2,4-Dinitrotoluene
Concen: 5.494 ng
RT: 14.622 min Scan# 14
Delta R.T. -0.370 min
Lab File: BG054495.D
Acq: 3 Aug 2022 11:46

Instrument :
BNA_G
ClientSampleId :
PB146630BL

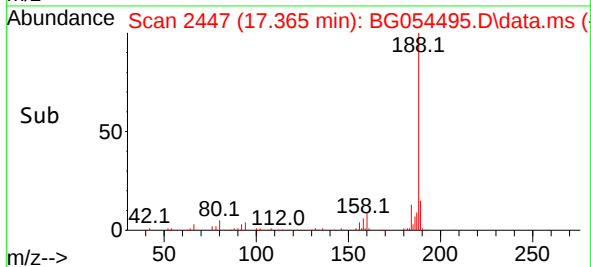
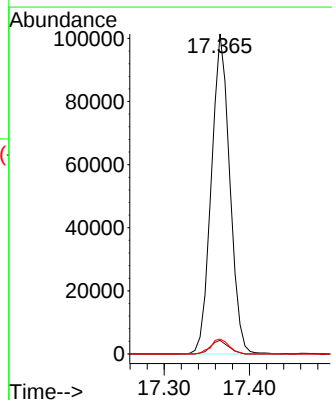
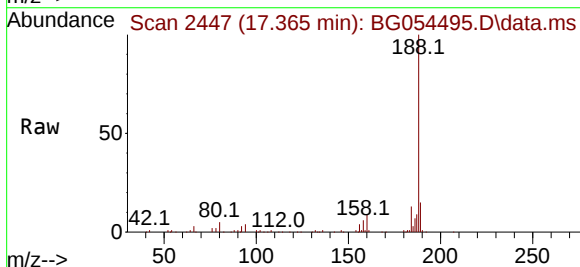


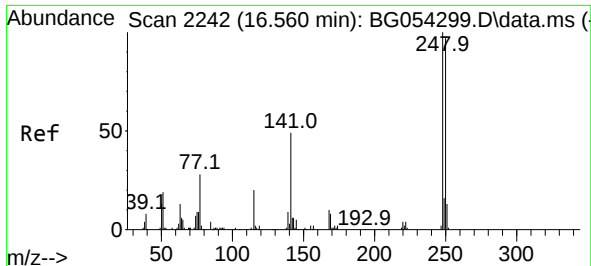
Tgt Ion:165	Resp:	7495
Ion	Ratio	Lower Upper
165	100	
63	0.0	34.6 52.0#
89	0.0	60.3 90.5#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG054495.D
Acq: 3 Aug 2022 11:46

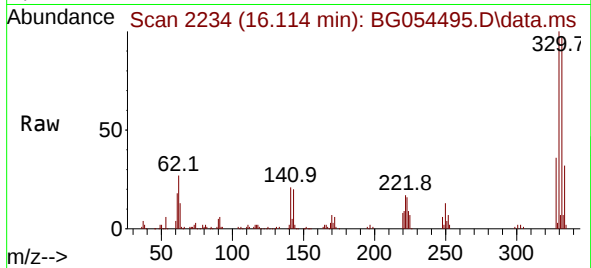
Tgt Ion:188	Resp:	152486
Ion	Ratio	Lower Upper
188	100	
94	4.3	5.4 8.0#
80	4.7	6.8 10.2#



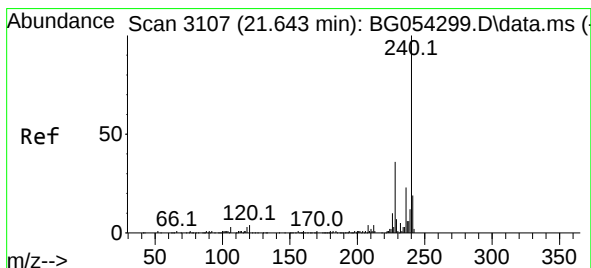
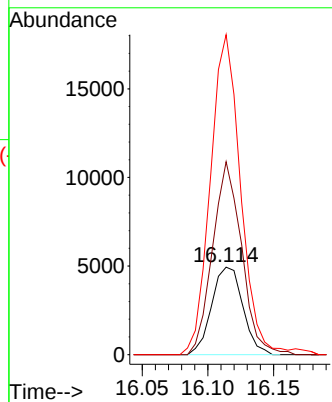
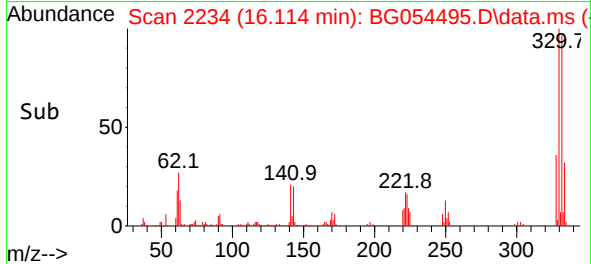


#67
4-Bromophenyl-phenylether
Concen: 3.807 ng
RT: 16.114 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG054495.D
Acq: 3 Aug 2022 11:46

Instrument :
BNA_G
ClientSampleId :
PB146630BL

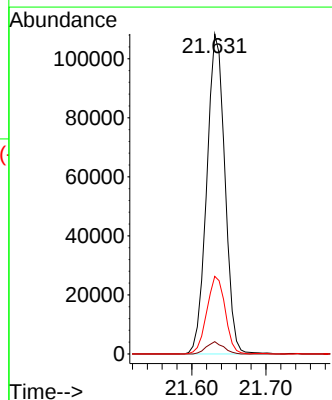
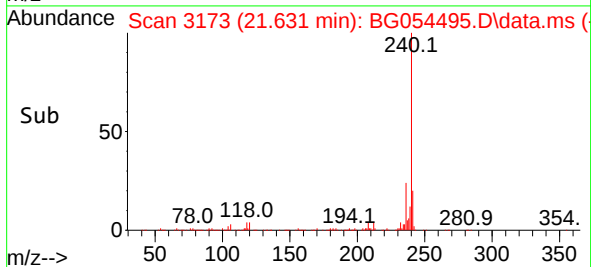
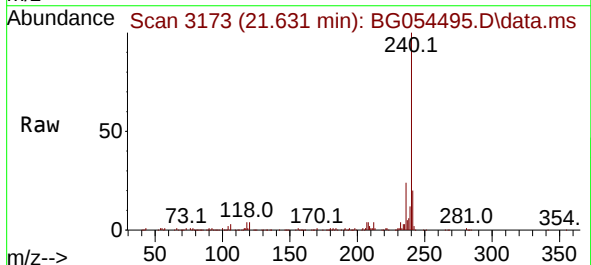


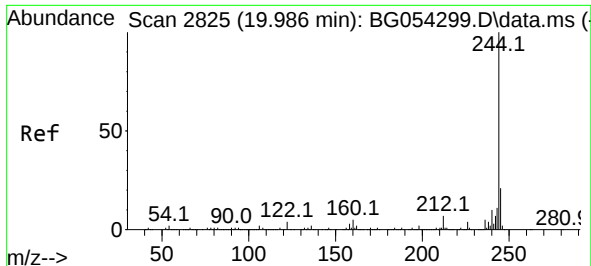
Tgt Ion:248 Resp: 8154
Ion Ratio Lower Upper
248 100
250 220.7 75.2 112.8#
141 365.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG054495.D
Acq: 3 Aug 2022 11:46

Tgt Ion:240 Resp: 183678
Ion Ratio Lower Upper
240 100
120 3.9 4.6 7.0#
236 24.2 20.2 30.4

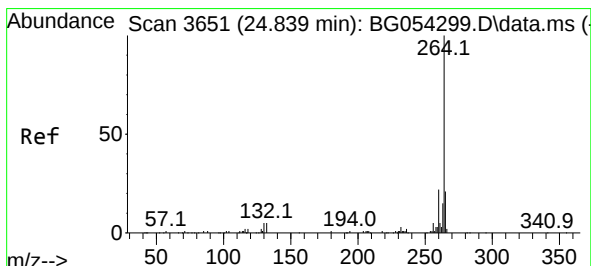
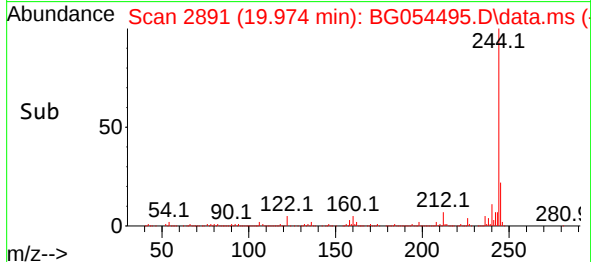
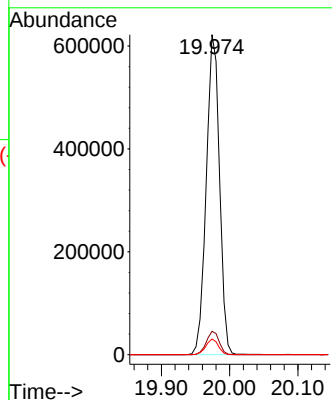
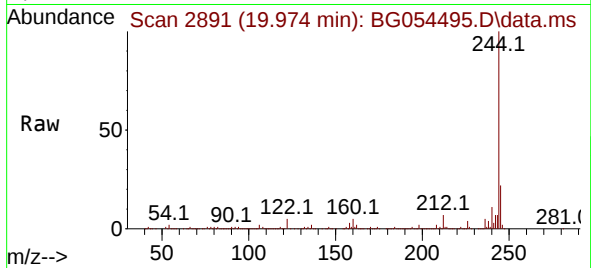




#79
 Terphenyl-d14
 Concen: 90.626 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054495.D
 Acq: 3 Aug 2022 11:46

Instrument :
 BNA_G
 ClientSampleId :
 PB146630BL

Tgt Ion:244 Resp: 839098
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.839 min Scan# 3719
 Delta R.T. 0.006 min
 Lab File: BG054495.D
 Acq: 3 Aug 2022 11:46

Tgt Ion:264 Resp: 190155
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 22.5 17.4 26.2

