

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054115.D
 Acq On : 28 Jun 2022 11:49
 Operator : CG/JU
 Sample : PB1457801TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145785TB

Quant Time: Jun 28 14:38:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

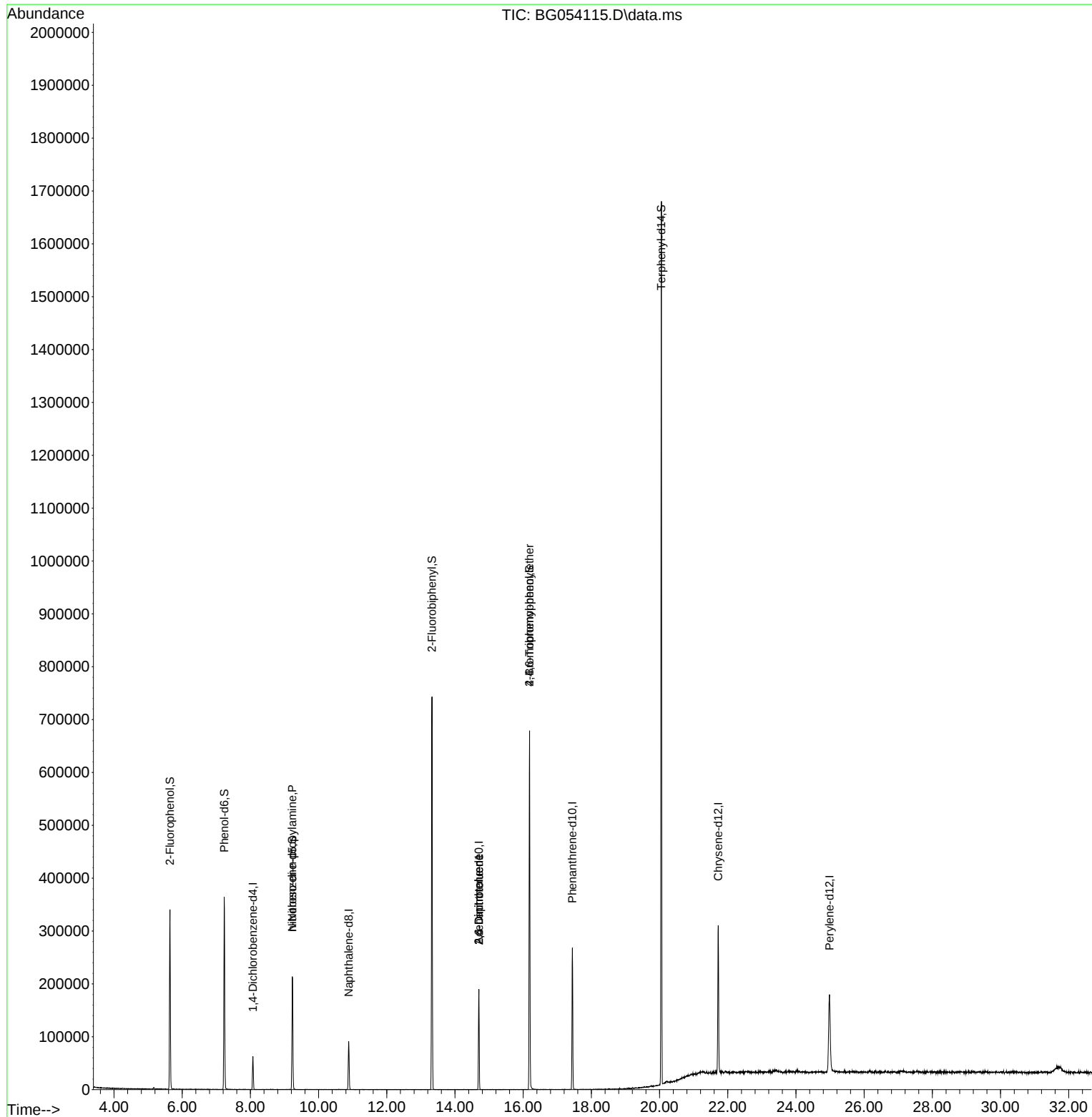
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	19264	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	85464	20.000	ng	0.00
39) Acenaphthene-d10	14.699	164	73191	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	195724	20.000	ng	0.00
76) Chrysene-d12	21.720	240	192682	20.000	ng	0.00
86) Perylene-d12	24.981	264	194051	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	155782	154.610	ng	0.00
7) Phenol-d6	7.231	99	218981	160.208	ng	0.00
23) Nitrobenzene-d5	9.229	82	138048	90.772	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	160507	136.492	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	430801	85.590	ng	0.00
79) Terphenyl-d14	20.051	244	922623	96.441	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.229	70	18471	20.115	ng	Qvalue # 82
51) 2,6-Dinitrotoluene	14.699	165	9924	8.812	ng	# 16
57) 2,4-Dinitrotoluene	14.699	165	9924	6.239	ng	# 21
67) 4-Bromophenyl-phenylether	16.185	248	10252	4.194	ng	# 1

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

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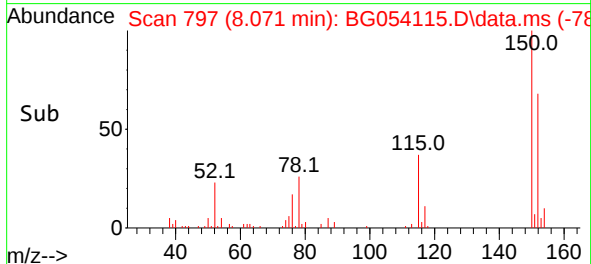
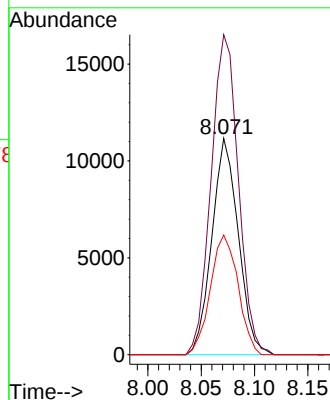
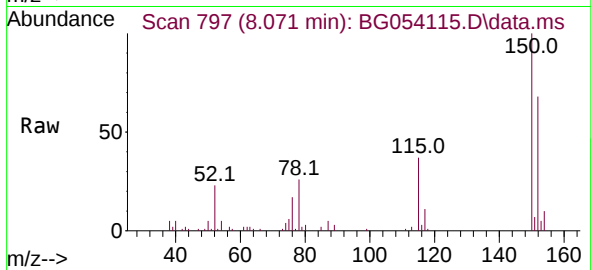




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054115.D
Acq: 28 Jun 2022 11:49

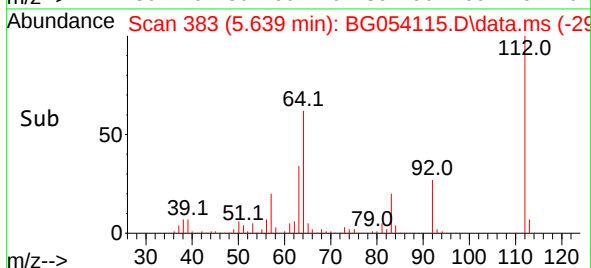
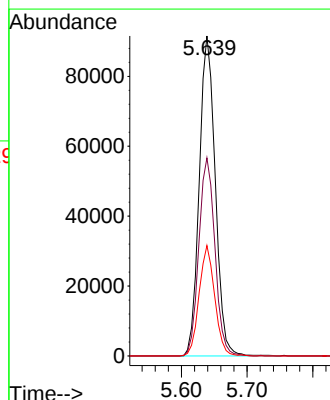
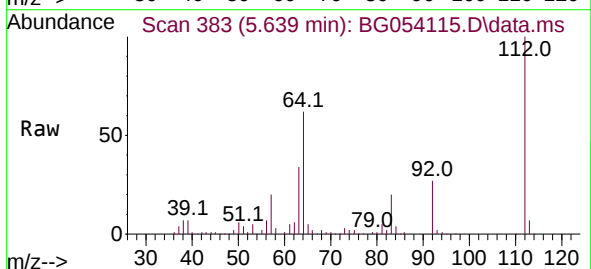
Instrument :
BNA_G
ClientSampleId :
PB145785TB

Tgt Ion:152 Resp: 19264
Ion Ratio Lower Upper
152 100
150 148.0 131.6 197.4
115 55.4 50.9 76.3



#5
2-Fluorophenol
Concen: 154.610 ng
RT: 5.639 min Scan# 383
Delta R.T. 0.001 min
Lab File: BG054115.D
Acq: 28 Jun 2022 11:49

Tgt Ion:112 Resp: 155782
Ion Ratio Lower Upper
112 100
64 61.9 55.1 82.7
63 34.5 30.4 45.6

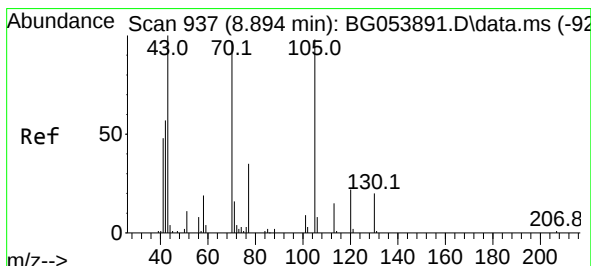
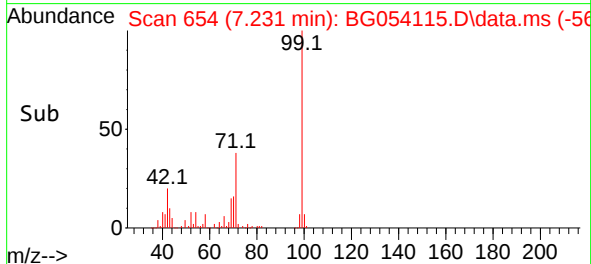
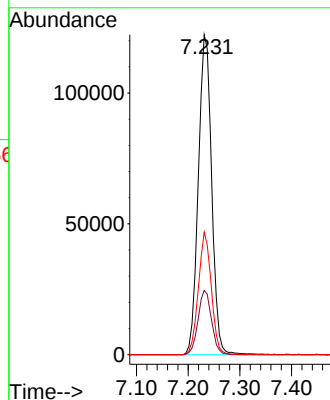
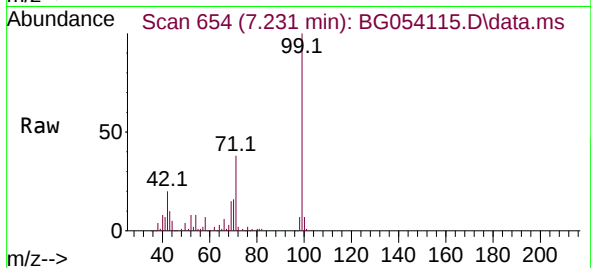




#7
Phenol-d6
Concen: 160.208 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054115.D
Acq: 28 Jun 2022 11:49

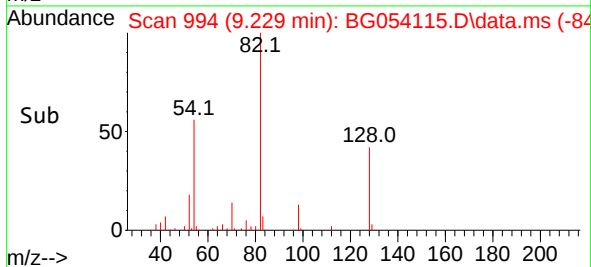
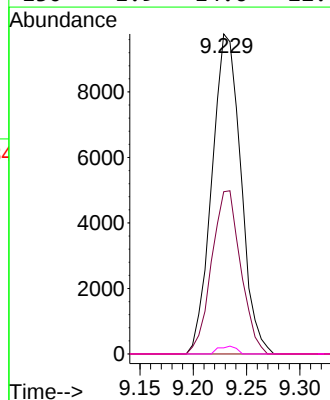
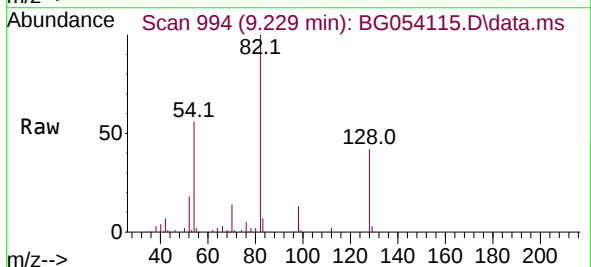
Instrument :
BNA_G
ClientSampleId :
PB145785TB

Tgt Ion: 99 Resp: 218981
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 38.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.115 ng
RT: 9.229 min Scan# 994
Delta R.T. 0.353 min
Lab File: BG054115.D
Acq: 28 Jun 2022 11:49

Tgt Ion: 70 Resp: 18471
Ion Ratio Lower Upper
70 100
42 50.7 47.3 70.9
101 0.0 7.0 10.4#
130 1.9 14.6 22.0#

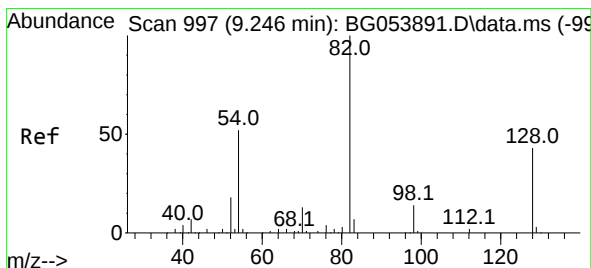
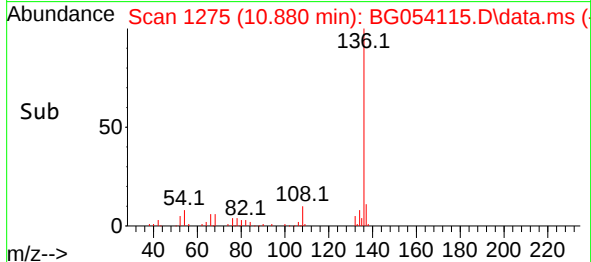
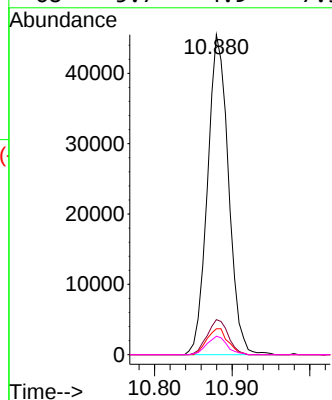
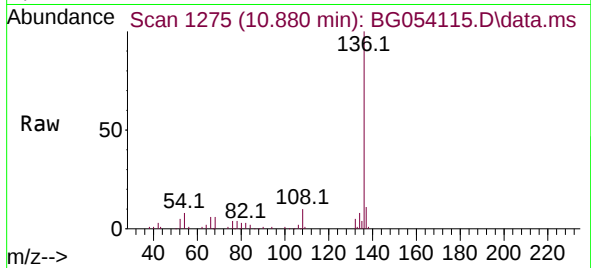




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054115.D
Acq: 28 Jun 2022 11:49

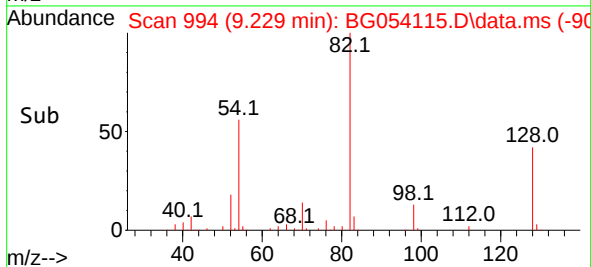
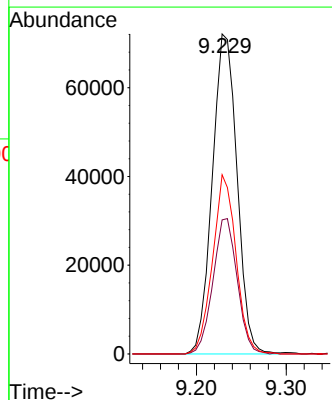
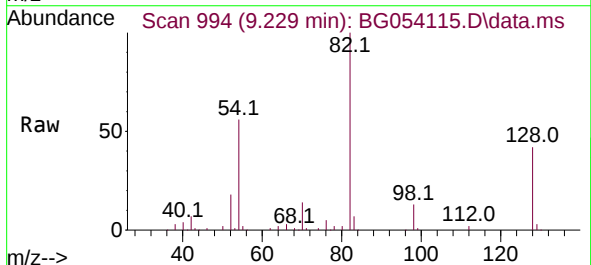
Instrument :
BNA_G
ClientSampleId :
PB145785TB

Tgt Ion:	136	Resp:	85464
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	8.1	7.4	11.2
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 90.772 ng
RT: 9.229 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG054115.D
Acq: 28 Jun 2022 11:49

Tgt Ion:	82	Resp:	138048
Ion Ratio	Lower	Upper	
82	100		
128	41.9	27.9	41.9
54	56.0	41.2	61.8

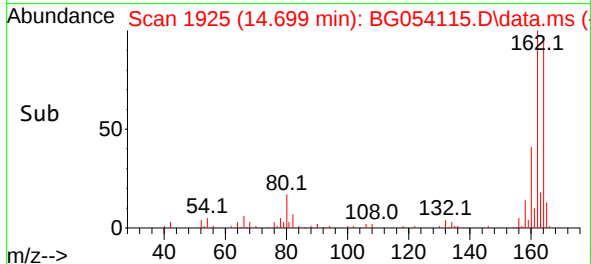
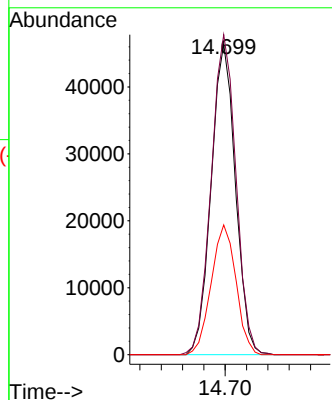
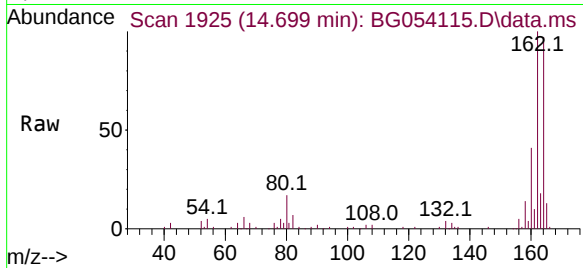




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.699 min Scan# 1925
Delta R.T. 0.001 min
Lab File: BG054115.D
Acq: 28 Jun 2022 11:49

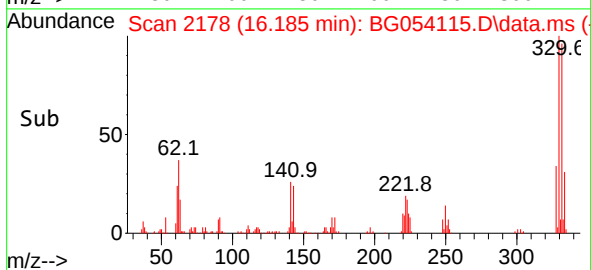
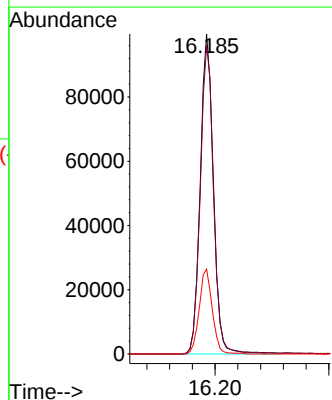
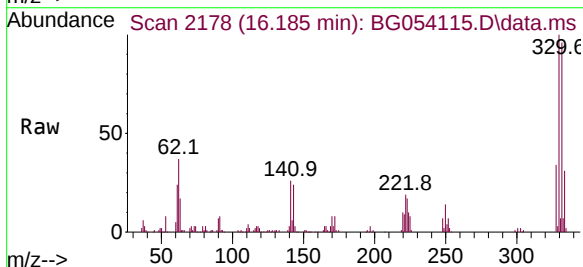
Instrument :
BNA_G
ClientSampleId :
PB145785TB

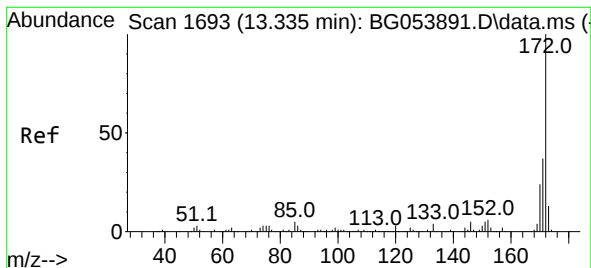
Tgt Ion:164	Resp:	73191
Ion Ratio	Lower	Upper
164	100	
162	103.0	82.3 123.5
160	41.8	34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 136.492 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.001 min
Lab File: BG054115.D
Acq: 28 Jun 2022 11:49

Tgt Ion:330	Resp:	160507
Ion Ratio	Lower	Upper
330	100	
332	97.2	76.0 114.0
141	26.2	27.1 40.7





#45

2-Fluorobiphenyl

Concen: 85.590 ng

RT: 13.324 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG054115.D

Acq: 28 Jun 2022 11:49

Instrument :

BNA_G

ClientSampleId :

PB145785TB

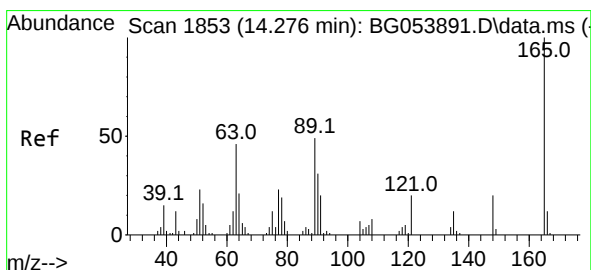
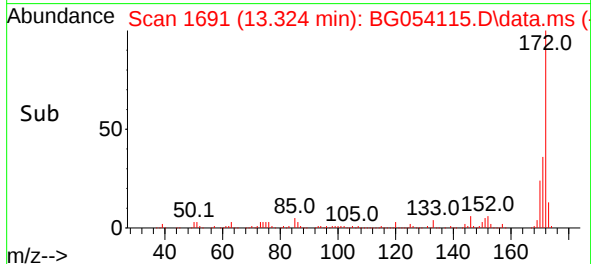
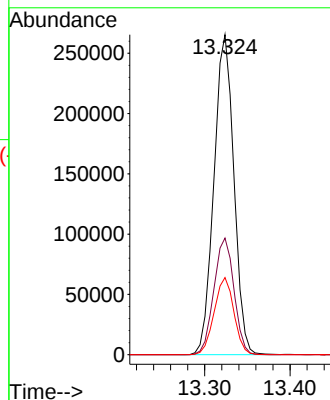
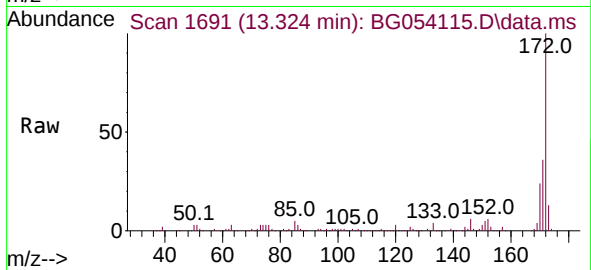
Tgt Ion:172 Resp: 430801

Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.1 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.812 ng

RT: 14.699 min Scan# 1925

Delta R.T. 0.436 min

Lab File: BG054115.D

Acq: 28 Jun 2022 11:49

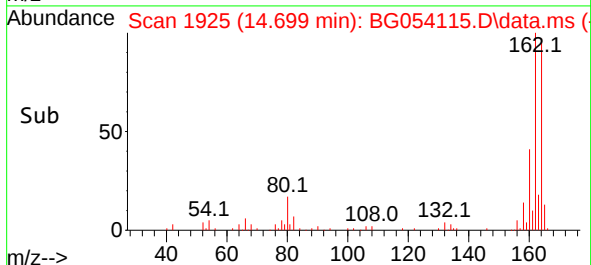
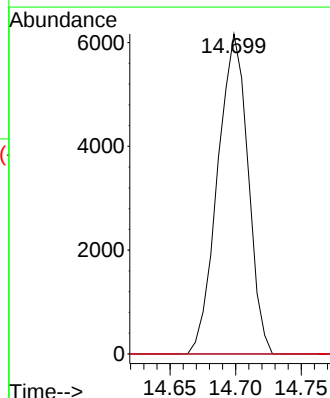
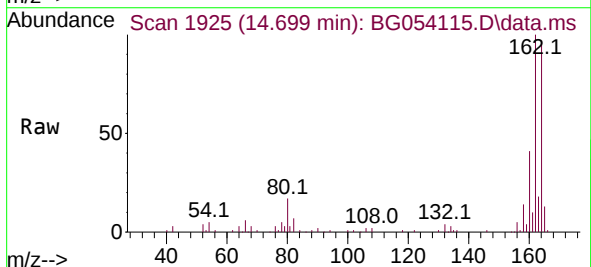
Tgt Ion:165 Resp: 9924

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: 6.239 ng

RT: 14.699 min Scan# 1987

Delta R.T. -0.352 min

Lab File: BG054115.D

Acq: 28 Jun 2022 11:49

Instrument :

BNA_G

ClientSampleId :

PB145785TB

Tgt Ion:165 Resp: 9924

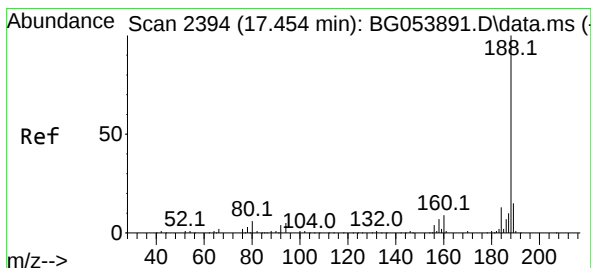
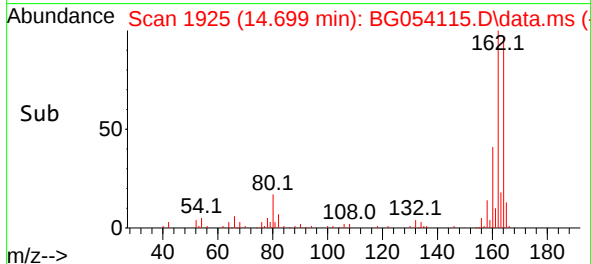
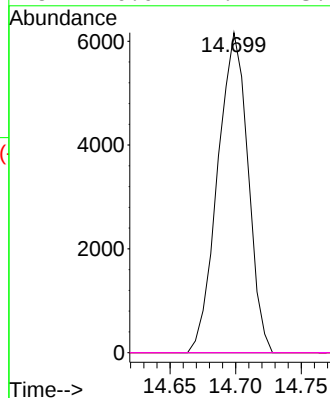
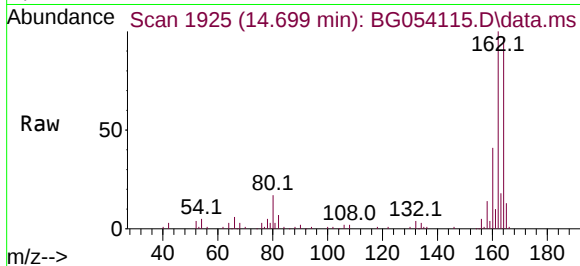
Ion Ratio Lower Upper

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: 17.442 min Scan# 2392

Delta R.T. 0.001 min

Lab File: BG054115.D

Acq: 28 Jun 2022 11:49

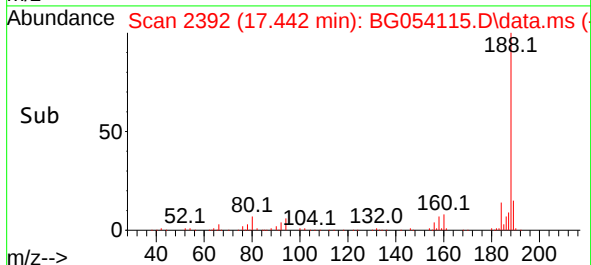
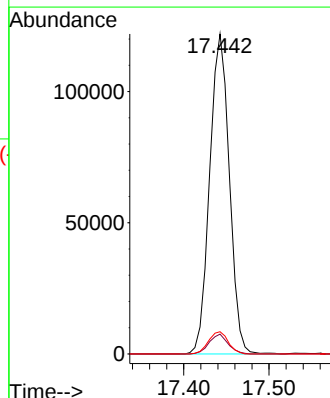
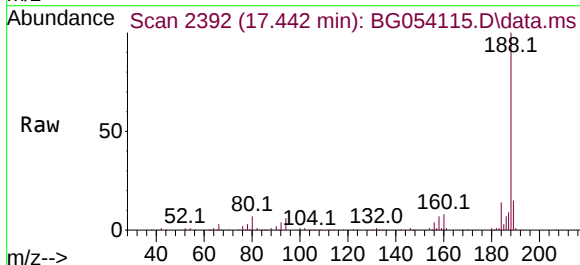
Tgt Ion:188 Resp: 195724

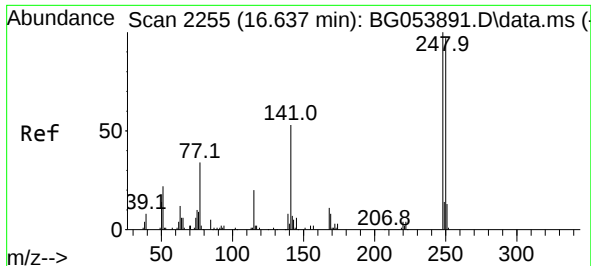
Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.0

80 7.0 6.8 10.2

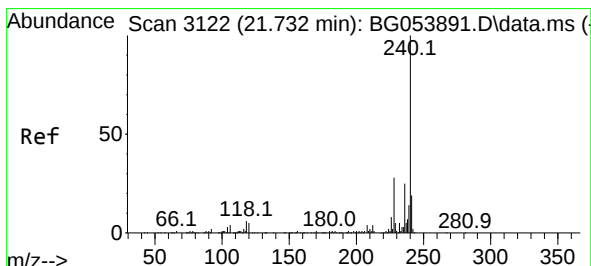
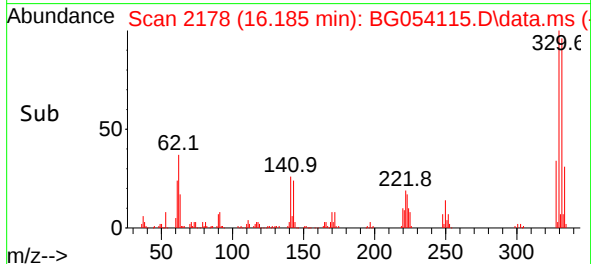
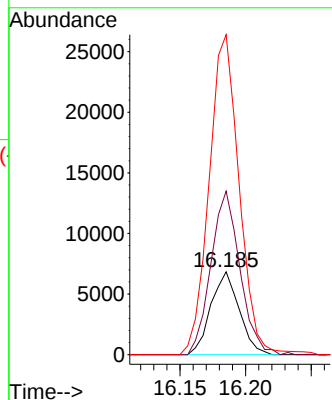
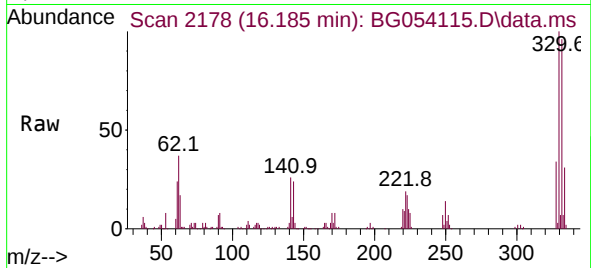




#67
4-Bromophenyl-phenylether
Concen: 4.194 ng
RT: 16.185 min Scan# 2178
Delta R.T. -0.440 min
Lab File: BG054115.D
Acq: 28 Jun 2022 11:49

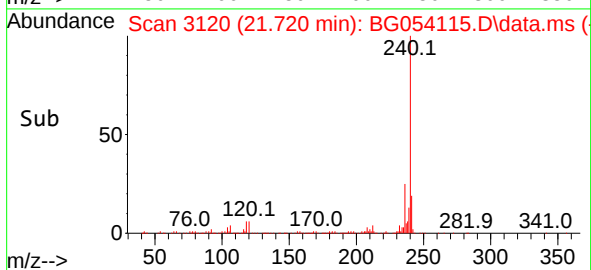
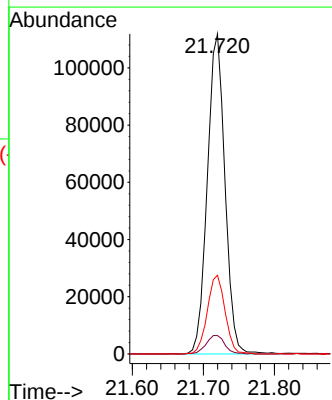
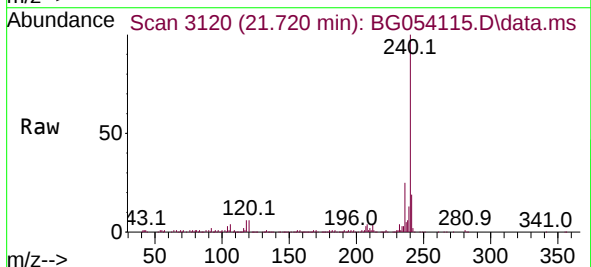
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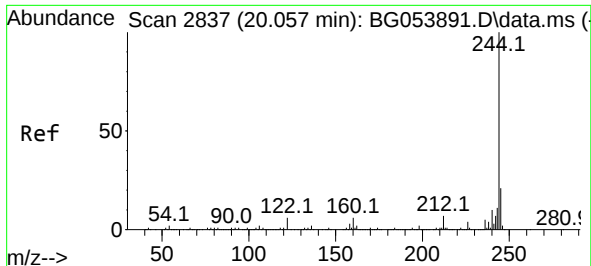
Tgt Ion:248 Resp: 10252
Ion Ratio Lower Upper
248 100
250 148.8 75.2 112.8#
141 291.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.720 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BG054115.D
Acq: 28 Jun 2022 11:49

Tgt Ion:240 Resp: 192682
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 24.6 20.2 30.4

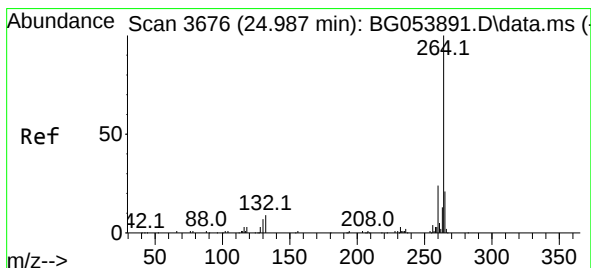
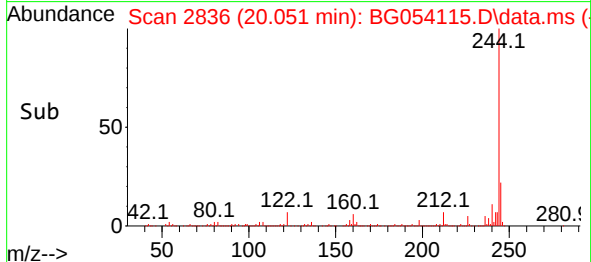
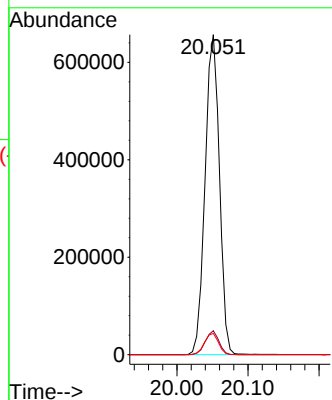
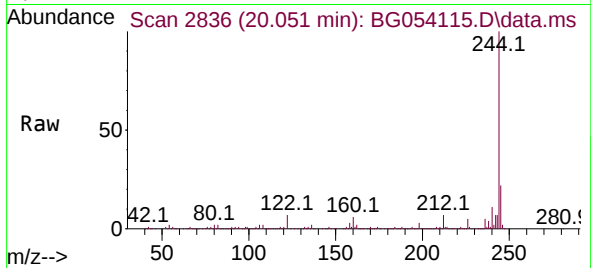




#79
 Terphenyl-d14
 Concen: 96.441 ng
 RT: 20.051 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: BG054115.D
 Acq: 28 Jun 2022 11:49

Instrument :
 BNA_G
 ClientSampleId :
 PB145785TB

Tgt Ion:244 Resp: 922623
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.7 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.981 min Scan# 3675
 Delta R.T. 0.018 min
 Lab File: BG054115.D
 Acq: 28 Jun 2022 11:49

Tgt Ion:264 Resp: 194051
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.5 17.4 26.2

