

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054895.D
 Acq On : 9 Sep 2022 12:48
 Operator : CG/JU
 Sample : PB147529BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147529BL

Quant Time: Sep 10 01:55:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

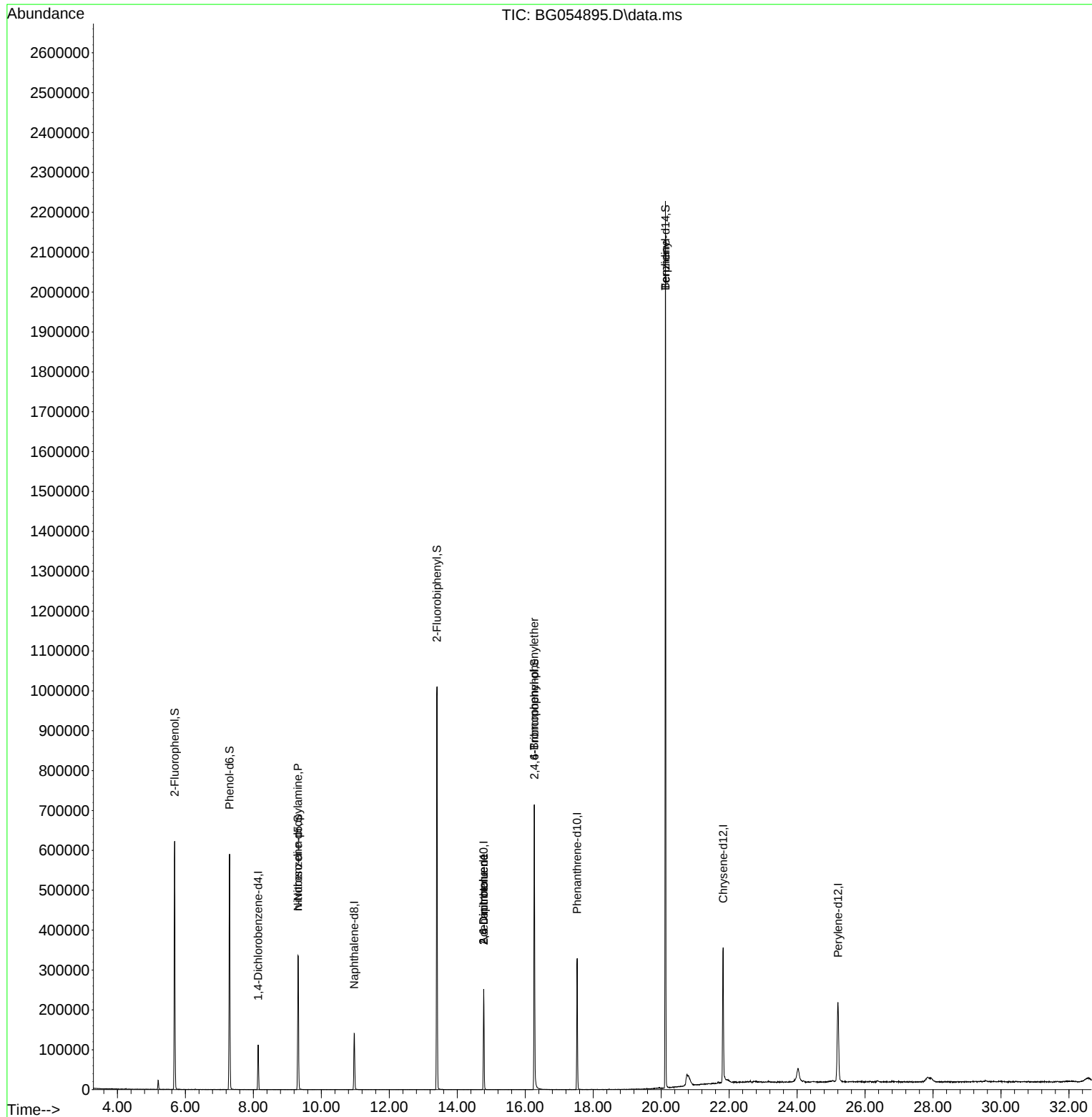
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	35087	20.000	ng	0.00
21) Naphthalene-d8	10.966	136	139794	20.000	ng	# 0.00
39) Acenaphthene-d10	14.780	164	95736	20.000	ng	0.00
64) Phenanthrene-d10	17.529	188	234625	20.000	ng	0.00
76) Chrysene-d12	21.824	240	234307	20.000	ng	0.00
86) Perylene-d12	25.203	264	241789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	296263	147.035	ng	0.00
7) Phenol-d6	7.300	99	380226	137.985	ng	0.00
23) Nitrobenzene-d5	9.315	82	226442	85.035	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	175747	146.911	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	581598	91.308	ng	0.00
79) Terphenyl-d14	20.126	244	1118626	94.595	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.315	70	28202	14.883	ng	# 75
51) 2,6-Dinitrotoluene	14.780	165	12289	8.146	ng	# 20
57) 2,4-Dinitrotoluene	14.780	165	12289	5.889	ng	# 18
67) 4-Bromophenyl-phenylether	16.266	248	10947	4.250	ng	# 1
77) Benzidine	20.126	184	15666	2.699	ng	# 91

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

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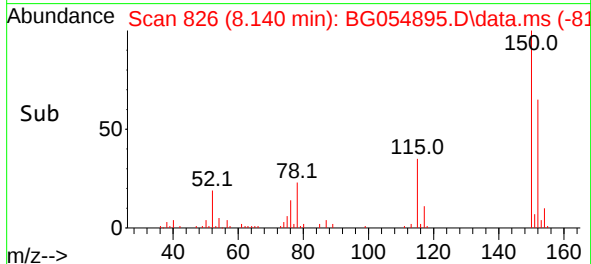
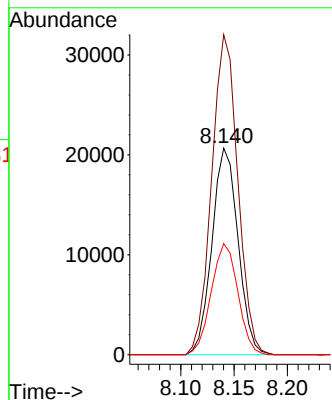
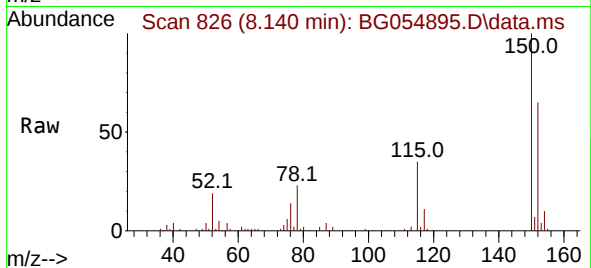




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054895.D
Acq: 9 Sep 2022 12:48

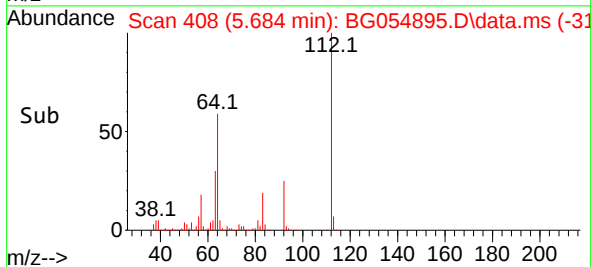
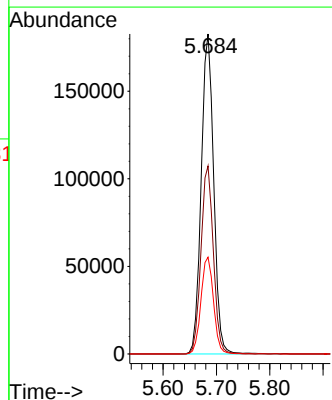
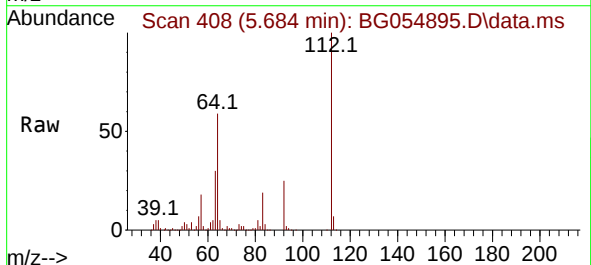
Instrument :
BNA_G
ClientSampleId :
PB147529BL

Tgt Ion:152 Resp: 35087
Ion Ratio Lower Upper
152 100
150 154.9 125.2 187.8
115 53.8 47.9 71.9



#5
2-Fluorophenol
Concen: 147.035 ng
RT: 5.684 min Scan# 408
Delta R.T. 0.000 min
Lab File: BG054895.D
Acq: 9 Sep 2022 12:48

Tgt Ion:112 Resp: 296263
Ion Ratio Lower Upper
112 100
64 58.8 49.3 73.9
63 30.2 26.3 39.5

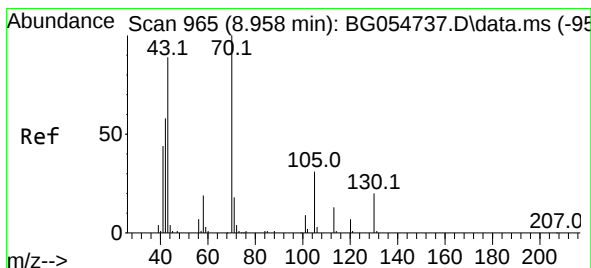
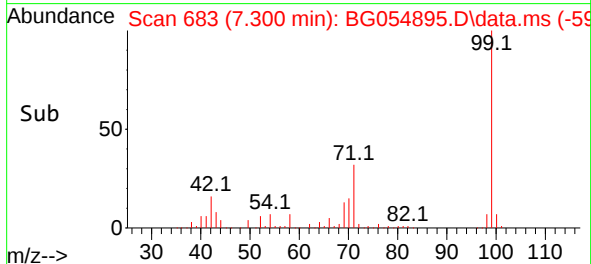
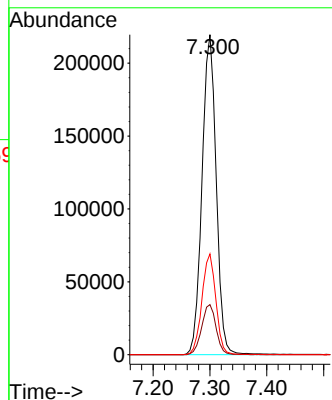
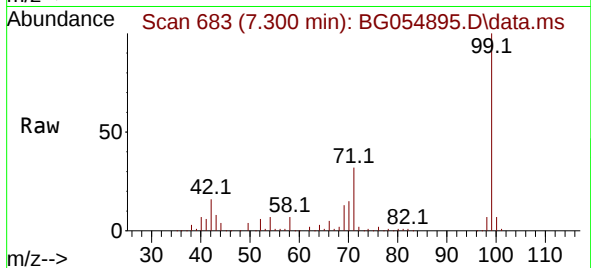




#7
Phenol-d6
Concen: 137.985 ng
RT: 7.300 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054895.D
Acq: 9 Sep 2022 12:48

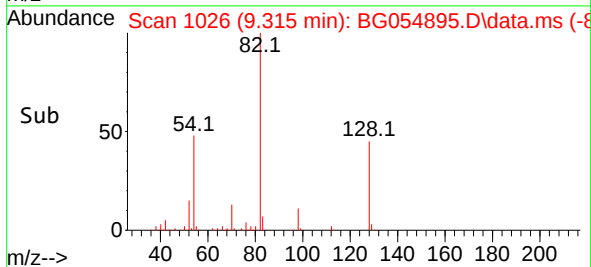
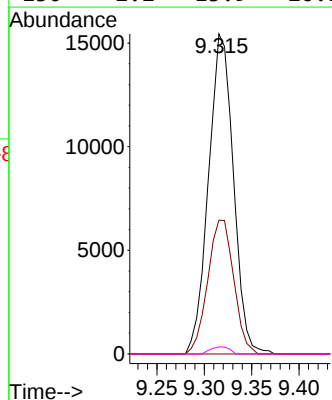
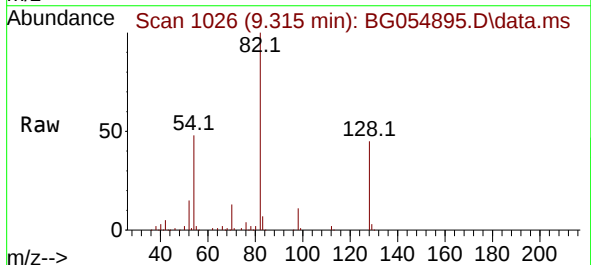
Instrument :
BNA_G
ClientSampleId :
PB147529BL

Tgt Ion: 99 Resp: 380226
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 31.5 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.883 ng
RT: 9.315 min Scan# 1026
Delta R.T. 0.364 min
Lab File: BG054895.D
Acq: 9 Sep 2022 12:48

Tgt Ion: 70 Resp: 28202
Ion Ratio Lower Upper
70 100
42 41.8 46.6 69.8#
101 0.0 7.7 11.5#
130 2.2 13.9 20.9#

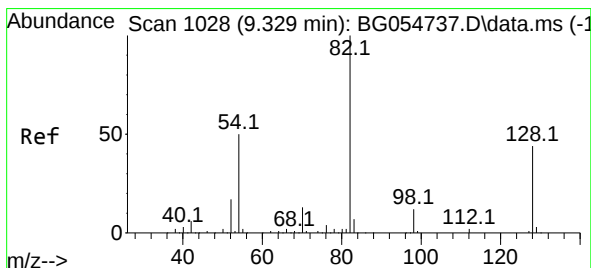
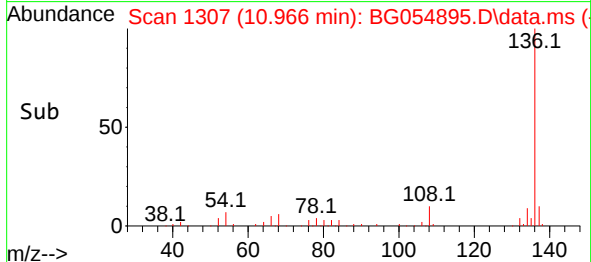
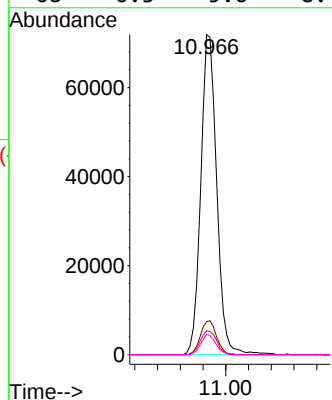
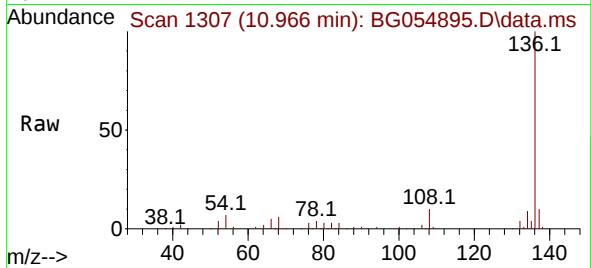




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.966 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054895.D
Acq: 9 Sep 2022 12:48

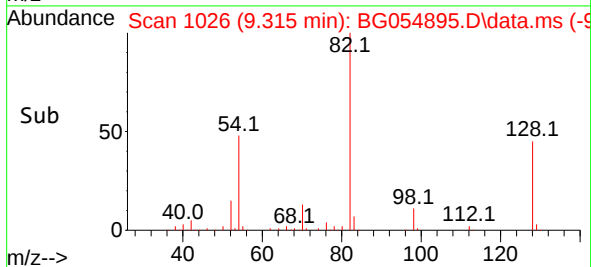
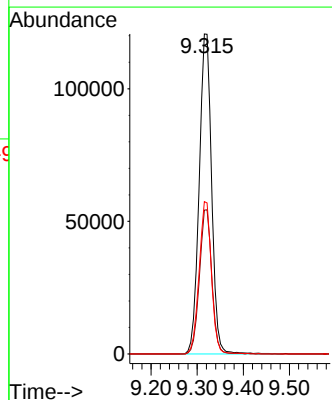
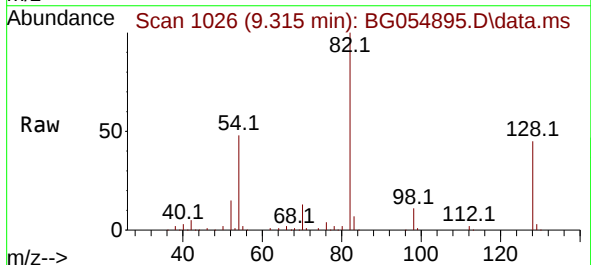
Instrument :
BNA_G
ClientSampleId :
PB147529BL

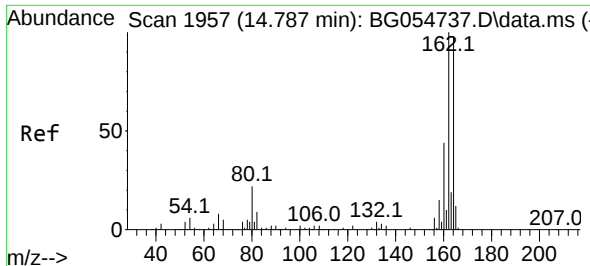
Tgt Ion:	136	Resp:	139794
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.2	13.8
54	7.5	7.7	11.5#
68	6.3	5.6	8.4



#23
Nitrobenzene-d5
Concen: 85.035 ng
RT: 9.315 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BG054895.D
Acq: 9 Sep 2022 12:48

Tgt Ion:	82	Resp:	226442
Ion Ratio	Lower	Upper	
82	100		
128	44.9	32.2	48.2
54	47.6	41.4	62.0

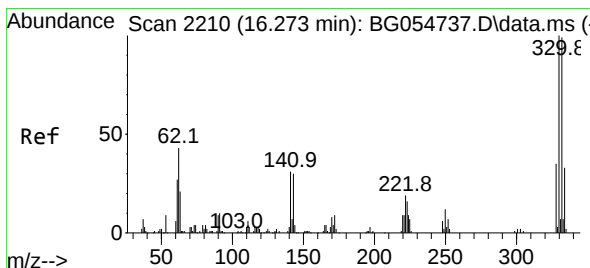
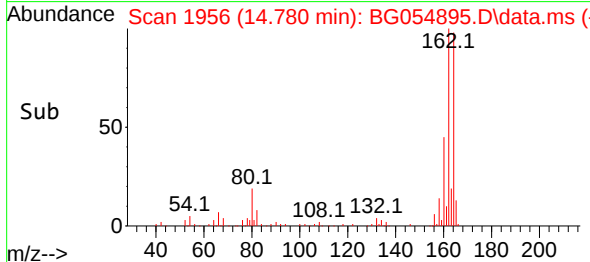
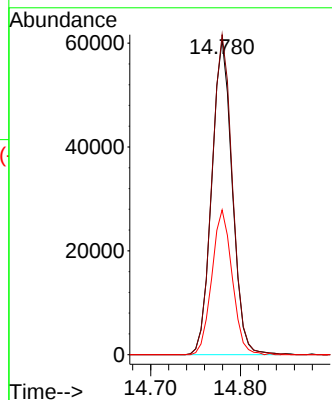
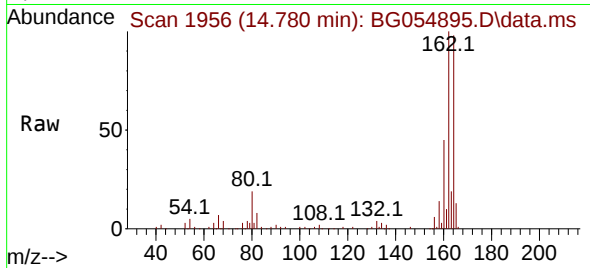




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG054895.D
Acq: 9 Sep 2022 12:48

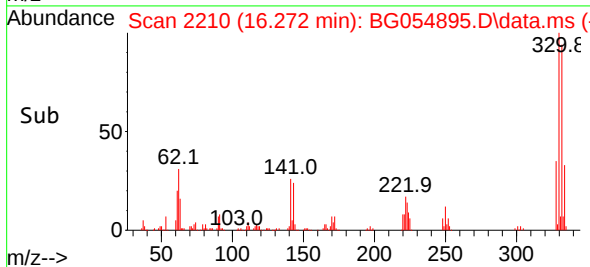
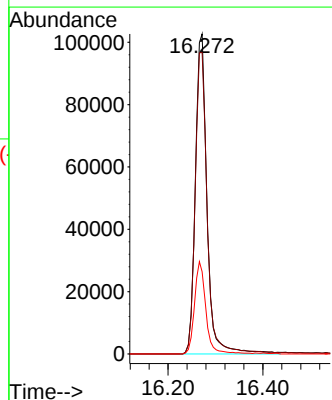
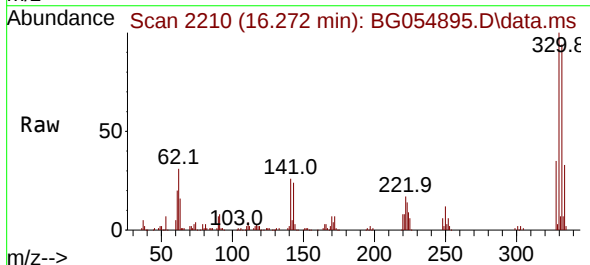
Instrument :
BNA_G
ClientSampleId :
PB147529BL

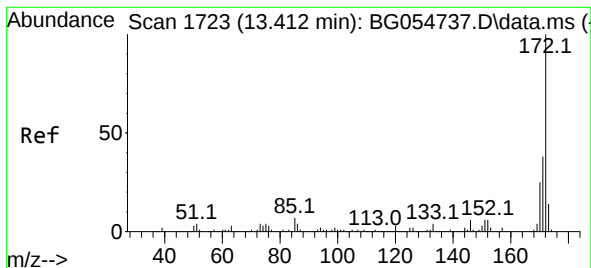
Tgt Ion:164 Resp: 95736
Ion Ratio Lower Upper
164 100
162 101.6 83.0 124.4
160 46.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 146.911 ng
RT: 16.272 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BG054895.D
Acq: 9 Sep 2022 12:48

Tgt Ion:330 Resp: 175747
Ion Ratio Lower Upper
330 100
332 97.9 79.8 119.6
141 28.1 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 91.308 ng

RT: 13.405 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054895.D

Acq: 9 Sep 2022 12:48

Instrument :

BNA_G

ClientSampleId :

PB147529BL

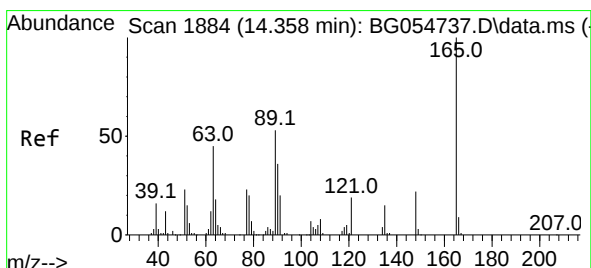
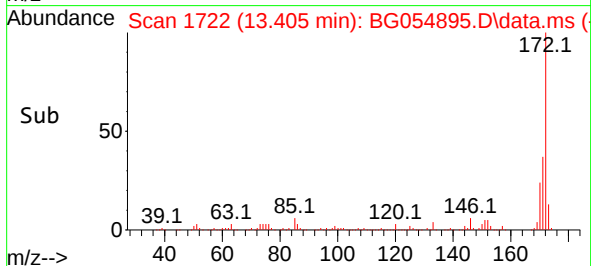
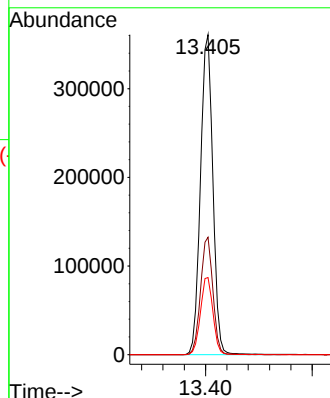
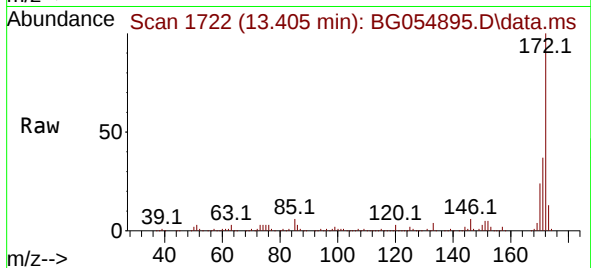
Tgt Ion:172 Resp: 581598

Ion Ratio Lower Upper

172 100

171 36.7 31.2 46.8

170 24.1 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 8.146 ng

RT: 14.780 min Scan# 1956

Delta R.T. 0.423 min

Lab File: BG054895.D

Acq: 9 Sep 2022 12:48

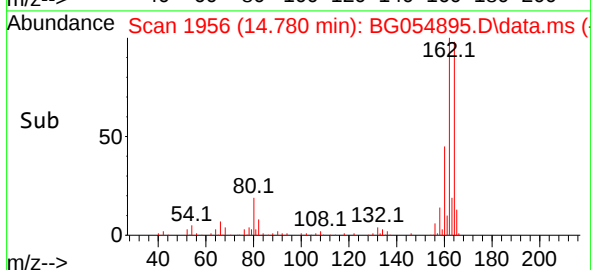
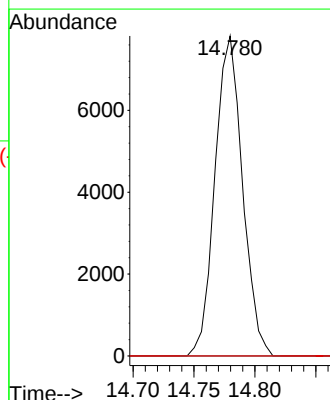
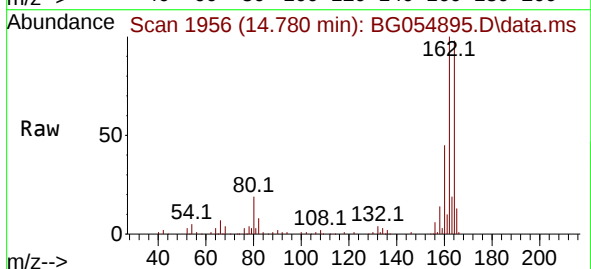
Tgt Ion:165 Resp: 12289

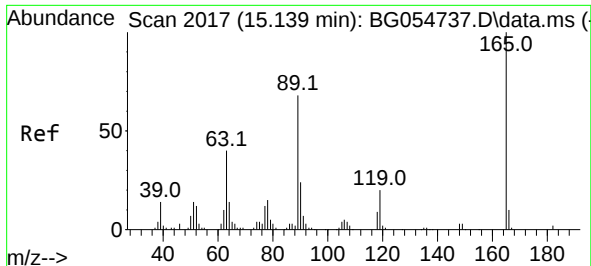
Ion Ratio Lower Upper

165 100

63 0.0 46.0 69.0#

89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.889 ng

RT: 14.780 min Scan# 1956

Delta R.T. -0.364 min

Lab File: BG054895.D

Acq: 9 Sep 2022 12:48

Instrument :

BNA_G

ClientSampleId :

PB147529BL

Tgt Ion:165 Resp: 12289

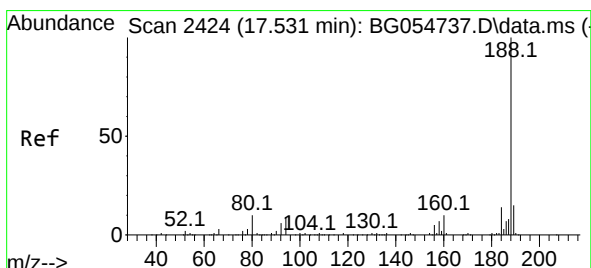
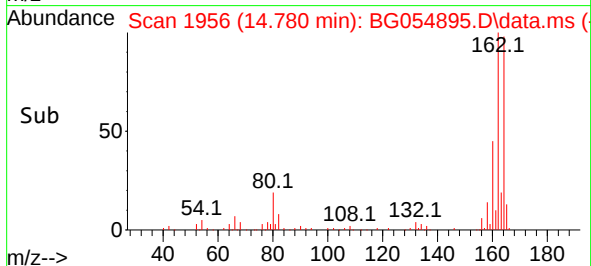
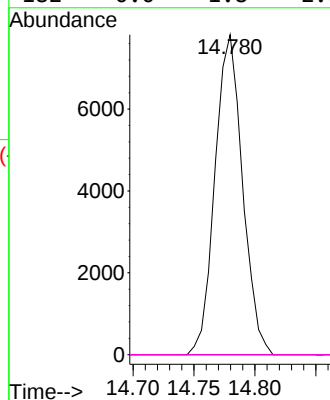
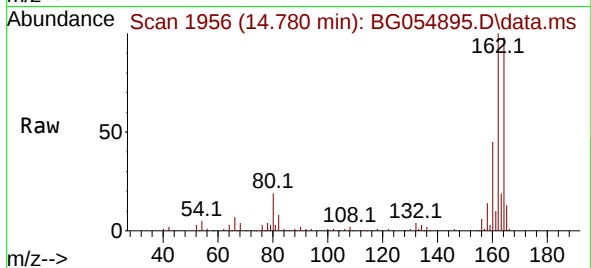
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.529 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BG054895.D

Acq: 9 Sep 2022 12:48

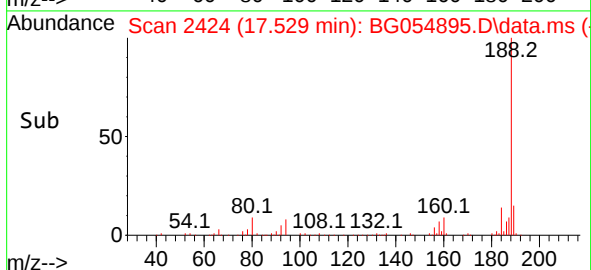
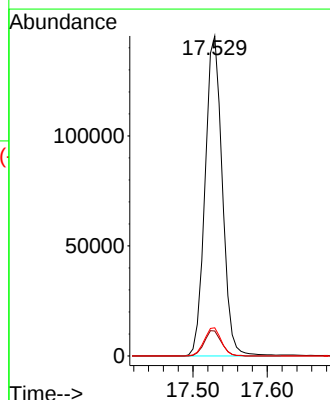
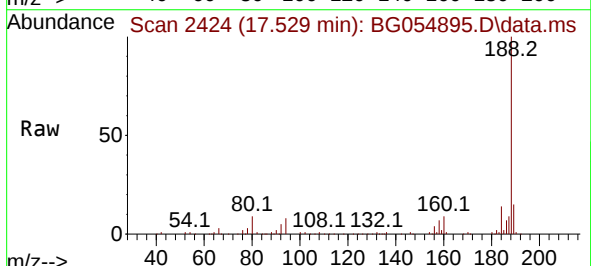
Tgt Ion:188 Resp: 234625

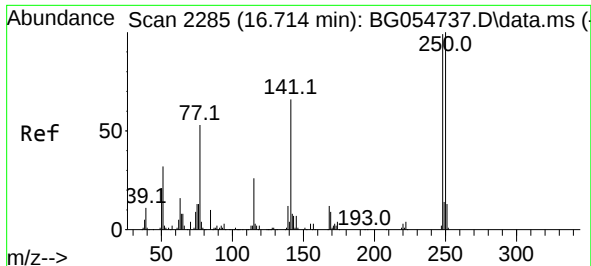
Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 8.8 7.9 11.9

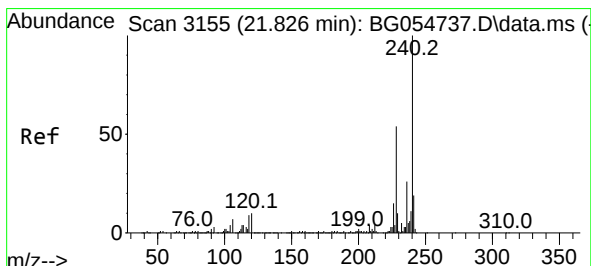
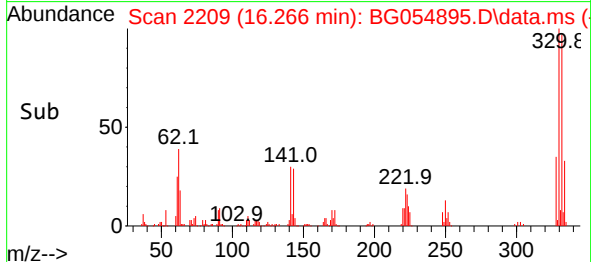
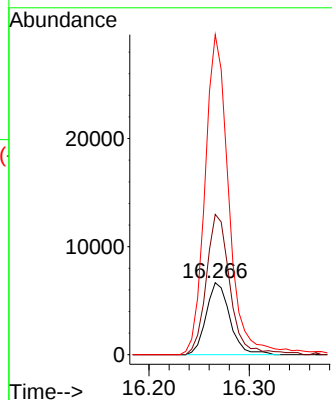
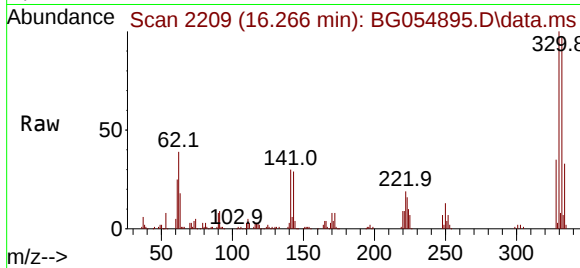




#67
4-Bromophenyl-phenylether
Concen: 4.250 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG054895.D
Acq: 9 Sep 2022 12:48

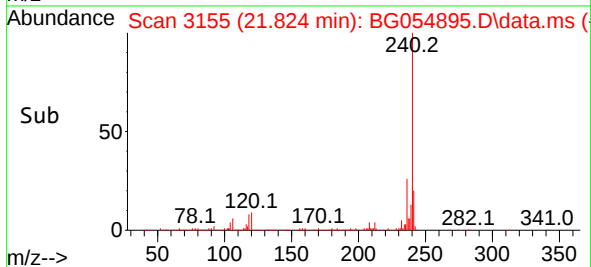
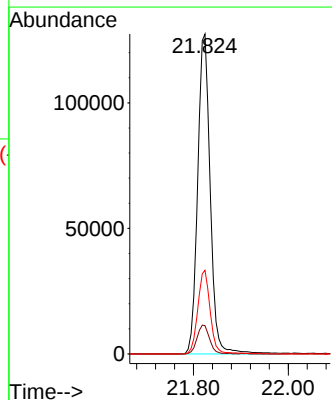
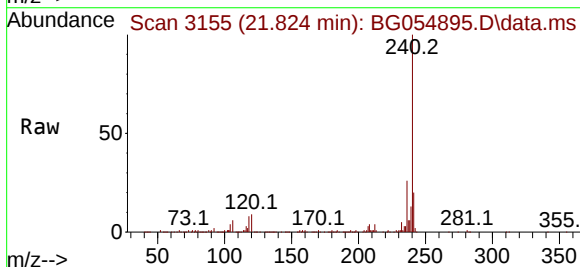
Instrument :
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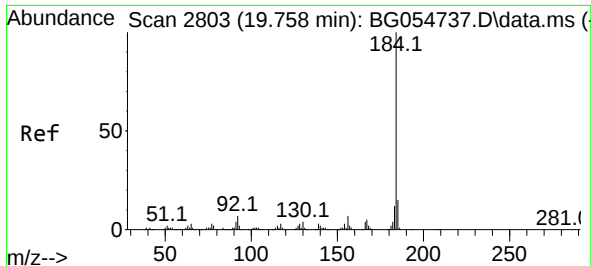
Tgt Ion:248 Resp: 10947
Ion Ratio Lower Upper
248 100
250 194.8 78.8 118.2#
141 444.4 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.824 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BG054895.D
Acq: 9 Sep 2022 12:48

Tgt Ion:240 Resp: 234307
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.4
236 26.1 21.2 31.8

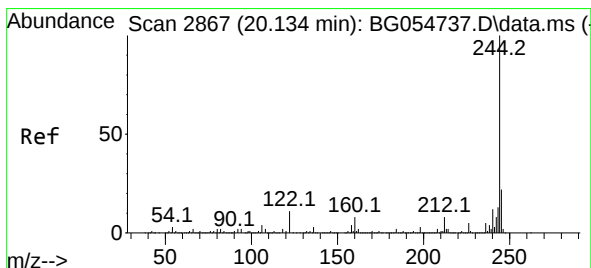
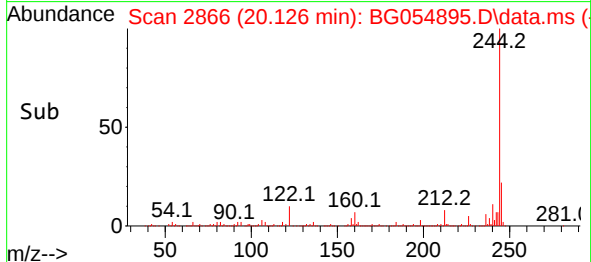
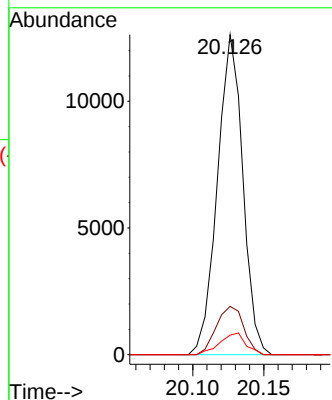
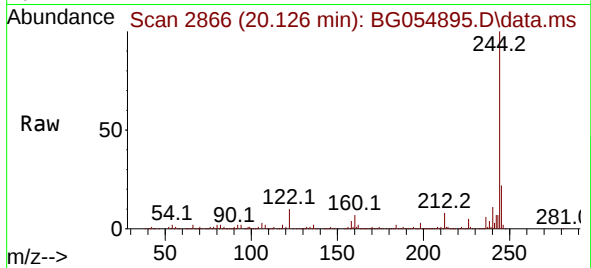




#77
Benzidine
Concen: 2.699 ng
RT: 20.126 min Scan# 2866
Delta R.T. 0.376 min
Lab File: BG054895.D
Acq: 9 Sep 2022 12:48

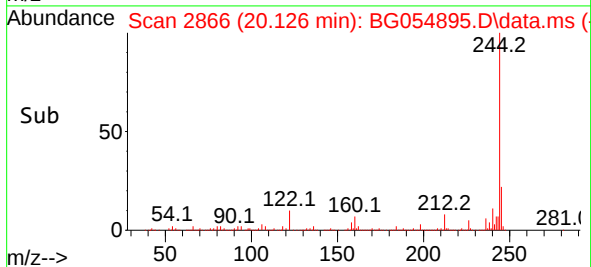
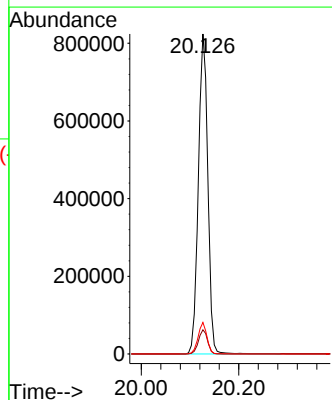
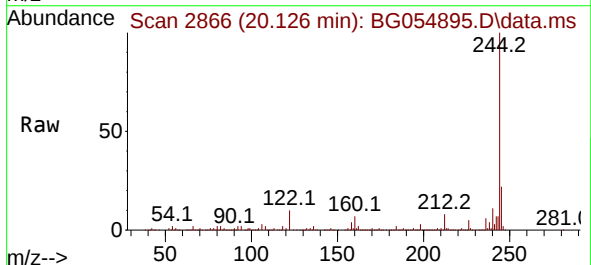
Instrument :
BNA_G
ClientSampleId :
PB147529BL

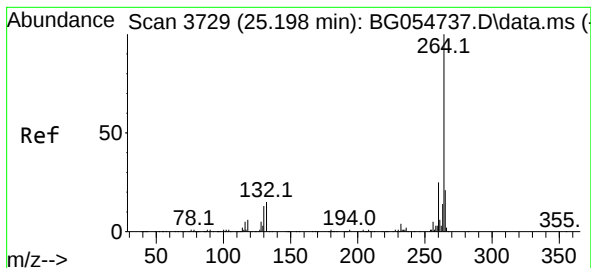
Tgt Ion:184 Resp: 15666
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.0
183 6.1 9.8 14.8#



#79
Terphenyl-d14
Concen: 94.595 ng
RT: 20.126 min Scan# 2866
Delta R.T. 0.000 min
Lab File: BG054895.D
Acq: 9 Sep 2022 12:48

Tgt Ion:244 Resp: 1118626
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.8 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG054895.D

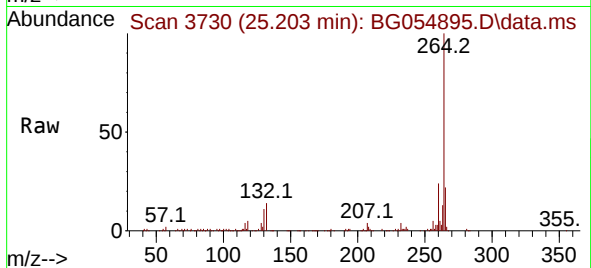
Acq: 9 Sep 2022 12:48

Instrument :

BNA_G

ClientSampleId :

PB147529BL



Tgt Ion:264 Resp: 241789

Ion Ratio Lower Upper

264 100

260 24.0 19.9 29.9

265 21.8 16.9 25.3

