

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
 Data File : BG048643.D
 Acq On : 9 Apr 2021 13:15
 Operator : CG/JU
 Sample : PB135641BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135641BL

Quant Time: Apr 09 14:00:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

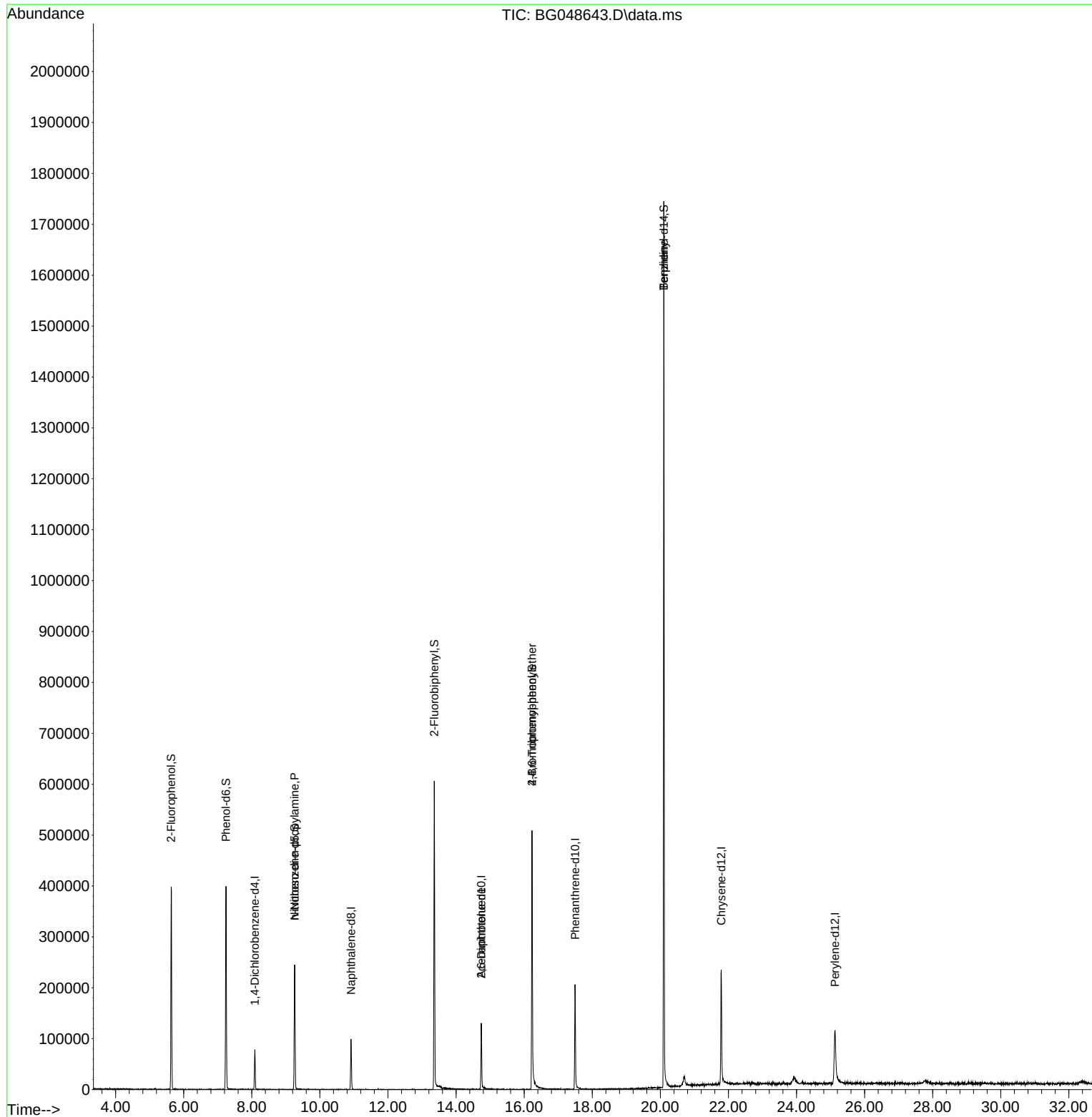
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	20553	20.00	ng	#-0.01
21) Naphthalene-d8	10.915	136	84111	20.00	ng	#-0.01
39) Acenaphthene-d10	14.739	164	50140	20.00	ng	-0.01
64) Phenanthrene-d10	17.495	188	152531	20.00	ng	# 0.00
76) Chrysene-d12	21.790	240	165430	20.00	ng	#-0.01
86) Perylene-d12	25.127	264	145374	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	168621	144.85	ng	0.00
7) Phenol-d6	7.242	99	209501	124.09	ng	0.00
23) Nitrobenzene-d5	9.258	82	146732	84.46	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	104420	158.43	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	328489	97.38	ng	-0.01
79) Terphenyl-d14	20.104	244	829831	91.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.258	70	22464	19.30	ng	# 68
51) 2,6-Dinitrotoluene	14.739	165	6198	7.28	ng	# 17
67) 4-Bromophenyl-phenylether	16.232	248	7751	4.58	ng	# 1
77) Benzidine	20.104	184	14695	2.62	ng	96

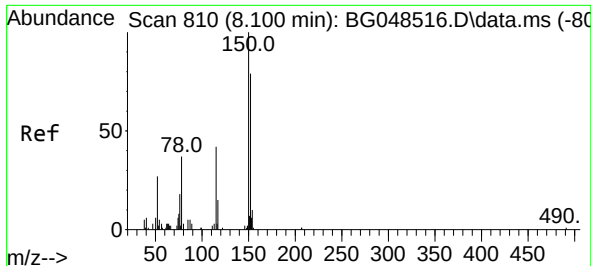
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 09 14:00:24 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

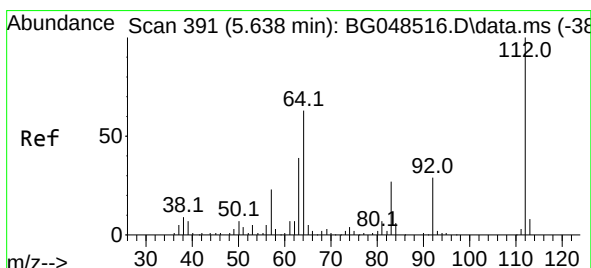
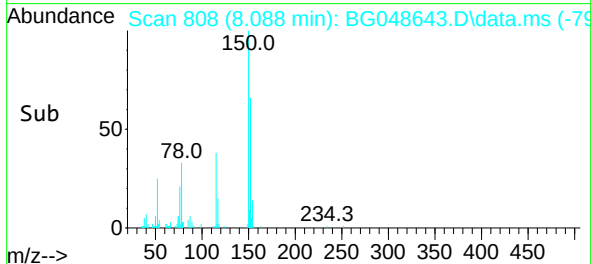
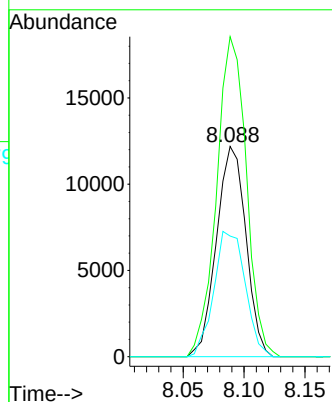
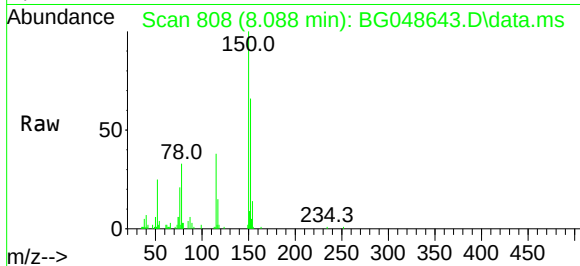




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.088 min Scan# 808
Delta R.T. -0.012 min
Lab File: BG048643.D
Acq: 9 Apr 2021 13:15

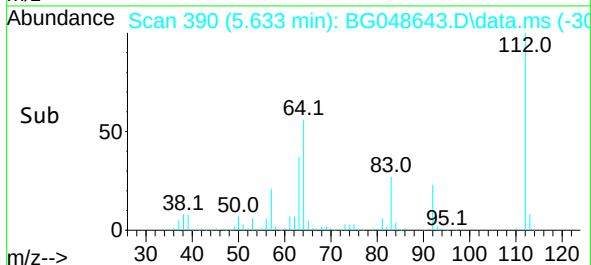
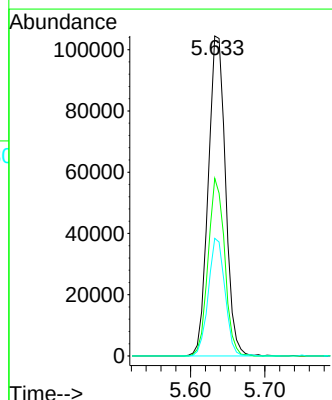
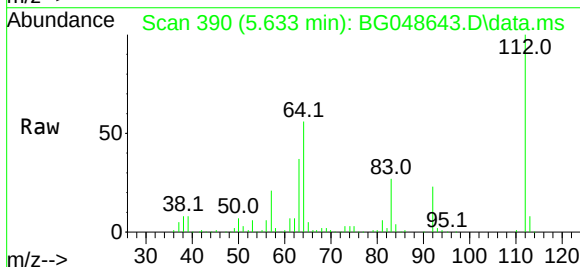
Instrument :
BNA_G
ClientSampleId :
PB135641BL

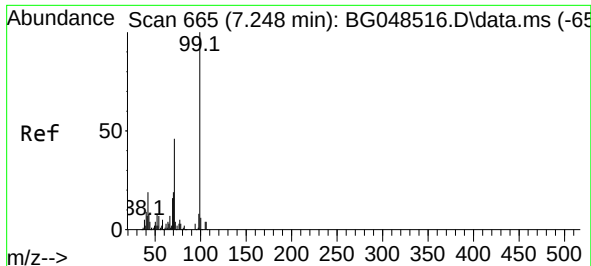
Tgt Ion:152 Resp: 20553
Ion Ratio Lower Upper
152 100
150 152.2 101.3 151.9#
115 57.4 42.3 63.5



#5
2-Fluorophenol
Concen: 144.85 ng
RT: 5.633 min Scan# 390
Delta R.T. -0.006 min
Lab File: BG048643.D
Acq: 9 Apr 2021 13:15

Tgt Ion:112 Resp: 168621
Ion Ratio Lower Upper
112 100
64 55.5 50.4 75.6
63 36.7 31.4 47.2

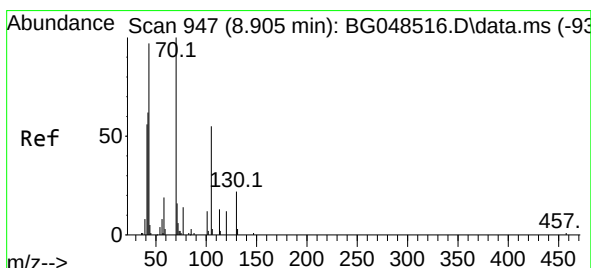
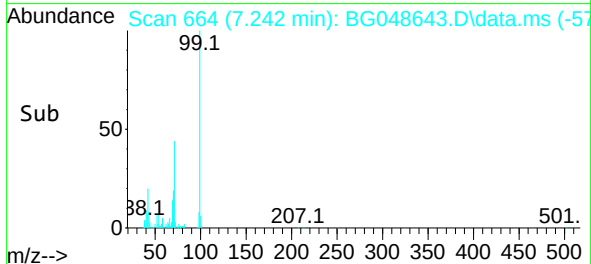
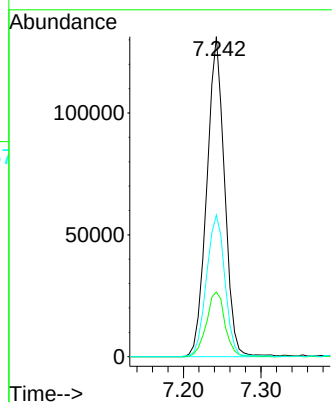
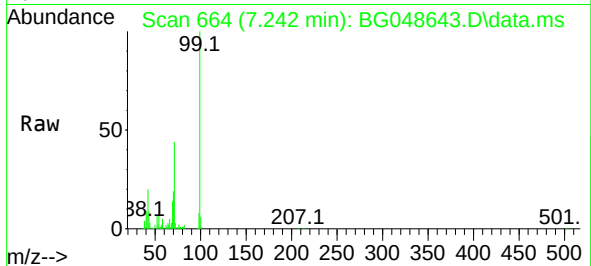




#7
Phenol-d6
Concen: 124.09 ng
RT: 7.242 min Scan# 664
Delta R.T. -0.006 min
Lab File: BG048643.D
Acq: 9 Apr 2021 13:15

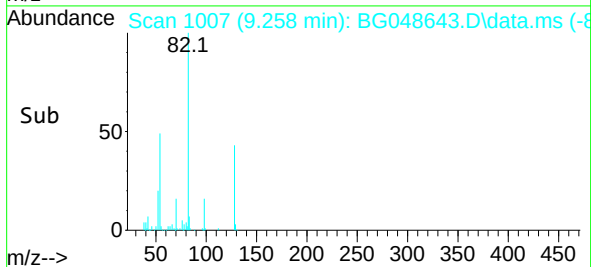
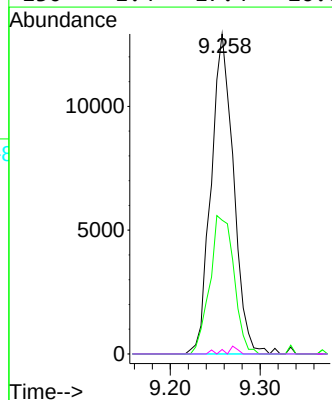
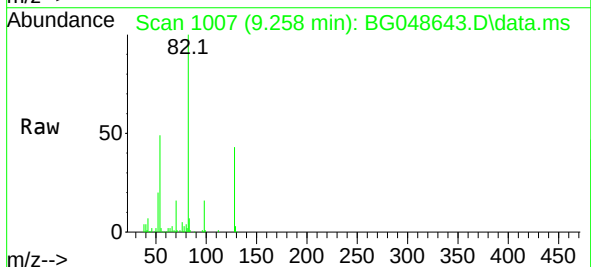
Instrument :
BNA_G
ClientSampleId :
PB135641BL

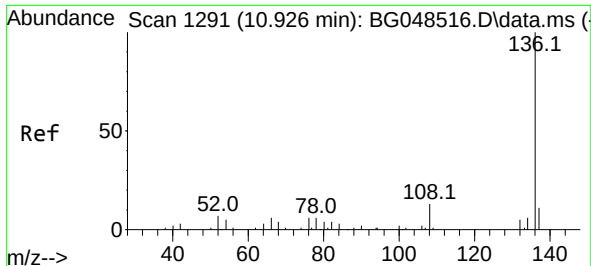
Tgt Ion: 99 Resp: 209501
Ion Ratio Lower Upper
99 100
42 20.2 15.5 23.3
71 44.3 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.30 ng
RT: 9.258 min Scan# 1007
Delta R.T. 0.353 min
Lab File: BG048643.D
Acq: 9 Apr 2021 13:15

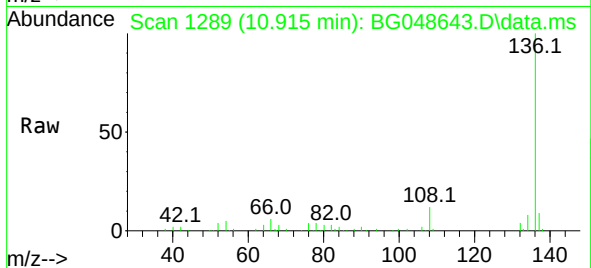
Tgt Ion: 70 Resp: 22464
Ion Ratio Lower Upper
70 100
42 41.8 50.8 76.2#
101 0.0 9.7 14.5#
130 1.4 17.4 26.0#



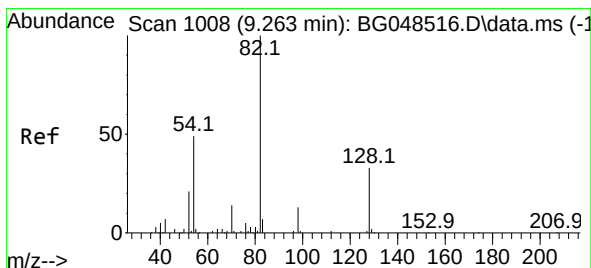
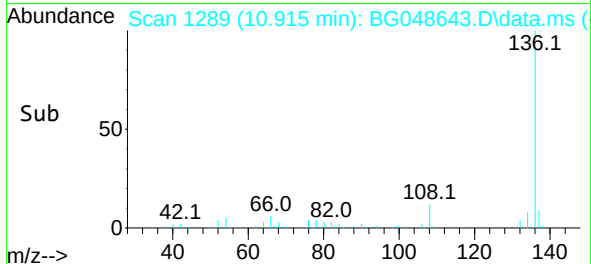
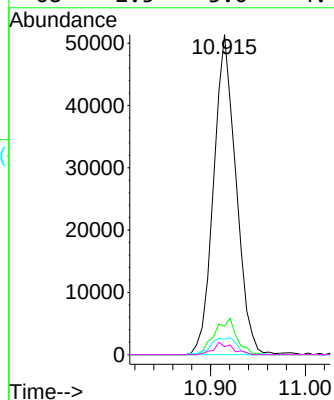


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.915 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BG048643.D
Acq: 9 Apr 2021 13:15

Instrument :
BNA_G
ClientSampleId :
PB135641BL

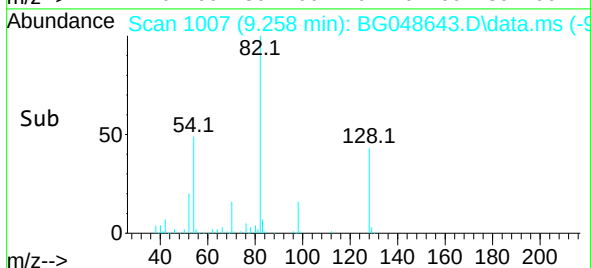
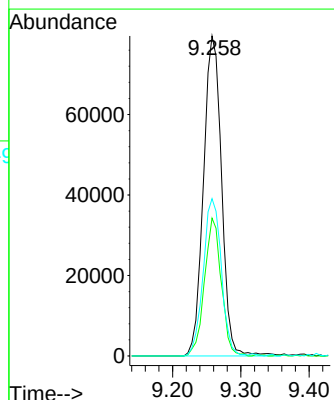
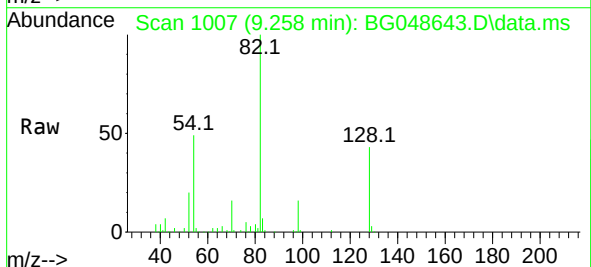


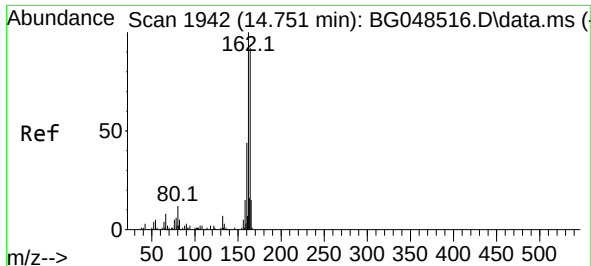
Tgt Ion:136 Resp: 84111
Ion Ratio Lower Upper
136 100
137 8.9 8.6 12.8
54 4.8 4.2 6.4
68 2.5 3.0 4.4#



#23
Nitrobenzene-d5
Concen: 84.46 ng
RT: 9.258 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BG048643.D
Acq: 9 Apr 2021 13:15

Tgt Ion: 82 Resp: 146732
Ion Ratio Lower Upper
82 100
128 43.1 26.2 39.4#
54 49.1 38.9 58.3

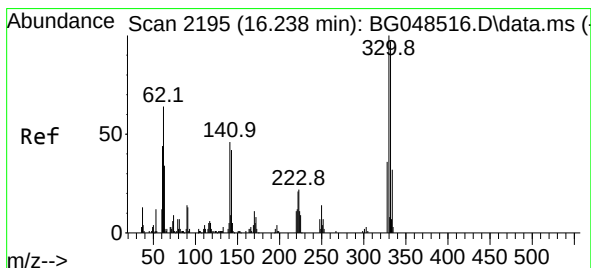
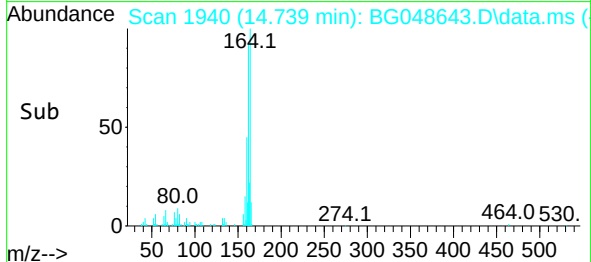
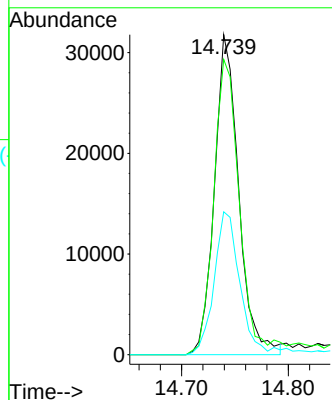
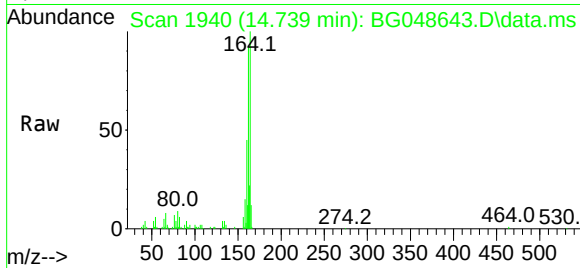




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BG048643.D
Acq: 9 Apr 2021 13:15

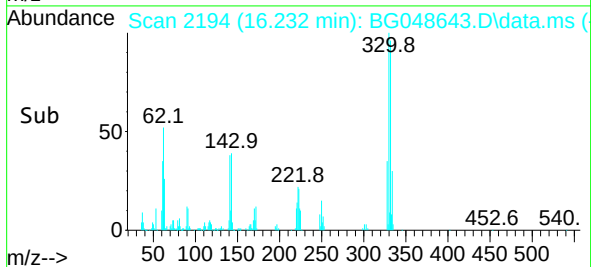
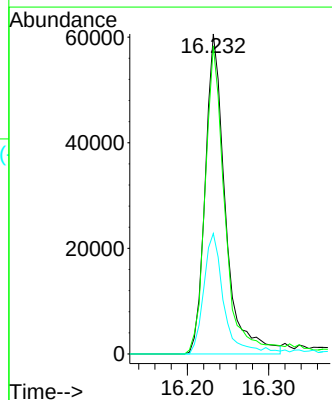
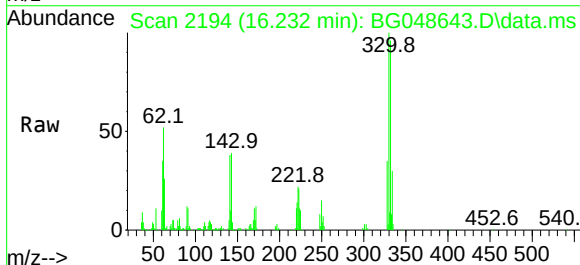
Instrument :
BNA_G
ClientSampleId :
PB135641BL

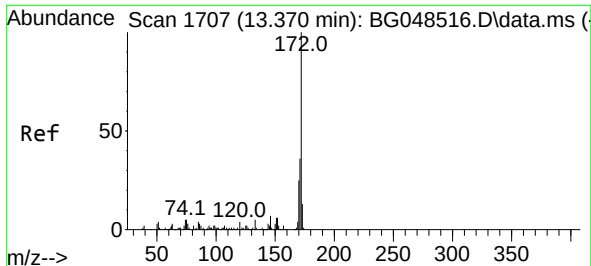
Tgt Ion:164 Resp: 50140
Ion Ratio Lower Upper
164 100
162 92.2 87.0 130.6
160 44.7 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 158.43 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048643.D
Acq: 9 Apr 2021 13:15

Tgt Ion:330 Resp: 104420
Ion Ratio Lower Upper
330 100
332 94.9 77.6 116.4
141 36.5 34.6 52.0

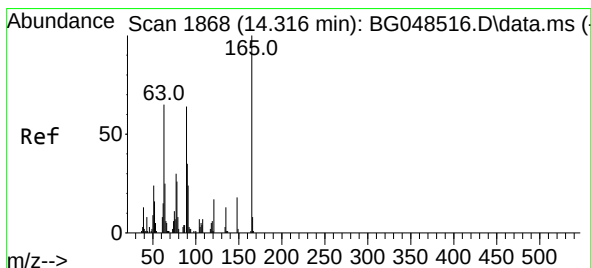
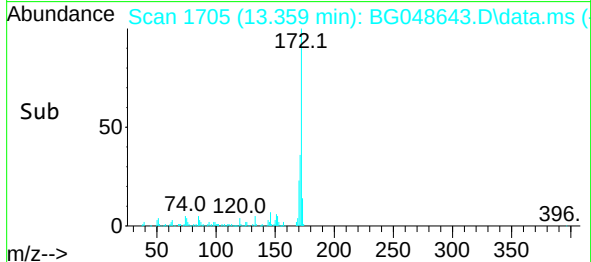
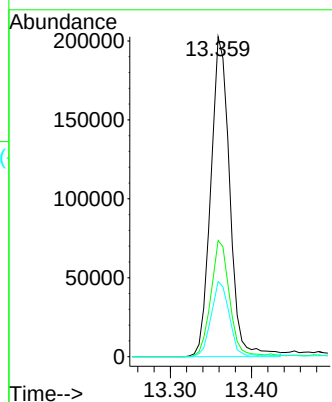
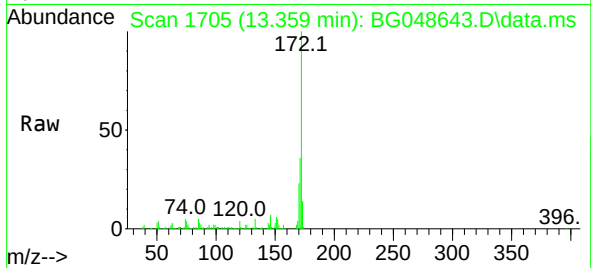




#45
2-Fluorobiphenyl
Concen: 97.38 ng
RT: 13.359 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG048643.D
Acq: 9 Apr 2021 13:15

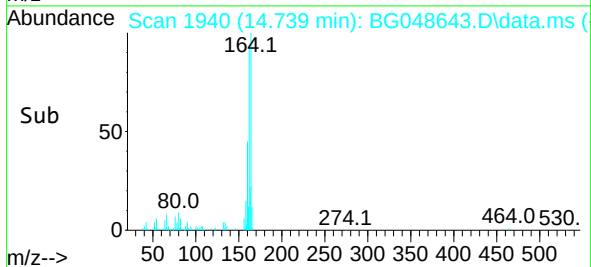
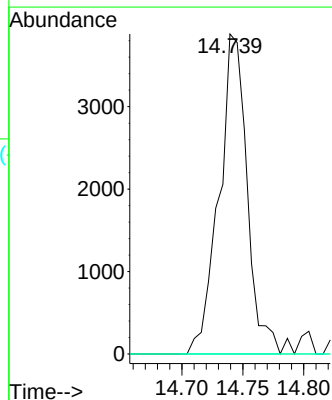
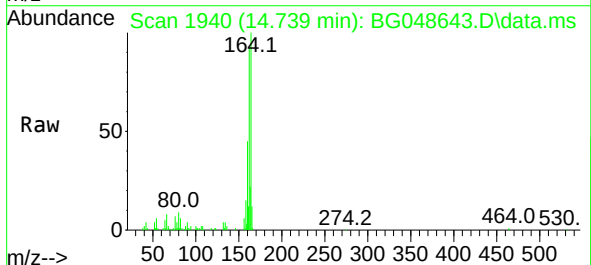
Instrument :
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ClientSampleId :
PB135641BL

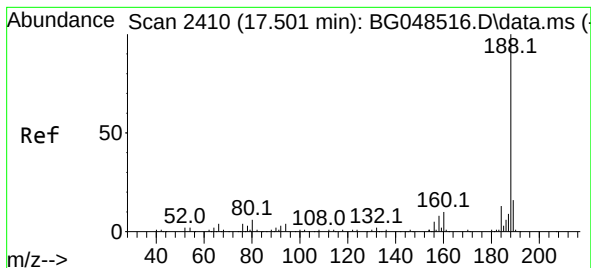
Tgt Ion:172 Resp: 328489
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.4 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.28 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG048643.D
Acq: 9 Apr 2021 13:15

Tgt Ion:165 Resp: 6198
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.495 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BG048643.D

Acq: 9 Apr 2021 13:15

Tgt Ion:188 Resp: 152531

Ion Ratio Lower Upper

188 100

94 4.7 3.0 4.6#

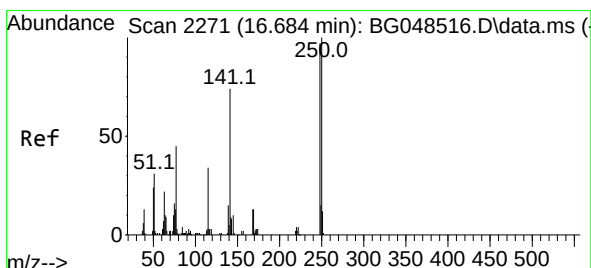
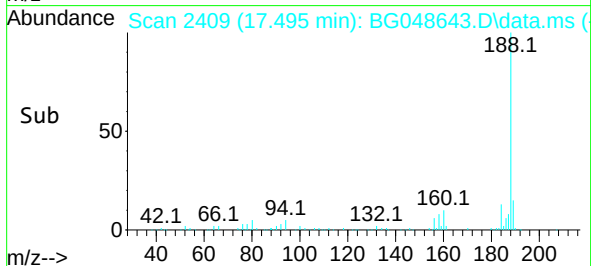
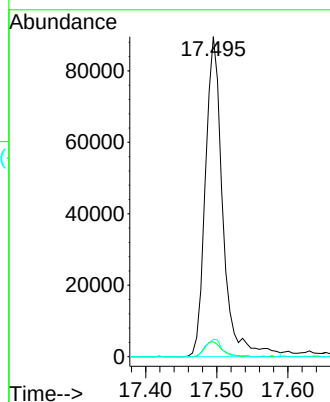
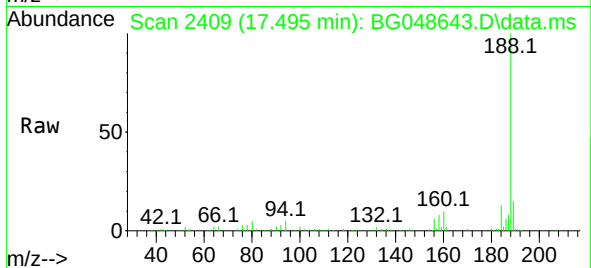
80 5.4 4.5 6.7

Instrument :

BNA_G

ClientSampleId :

PB135641BL



#67

4-Bromophenyl-phenylether

Concen: 4.58 ng

RT: 16.232 min Scan# 2194

Delta R.T. -0.452 min

Lab File: BG048643.D

Acq: 9 Apr 2021 13:15

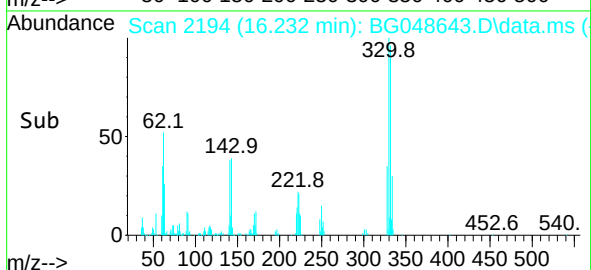
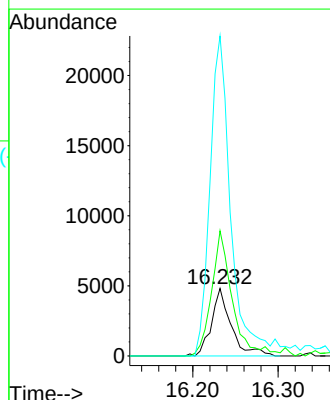
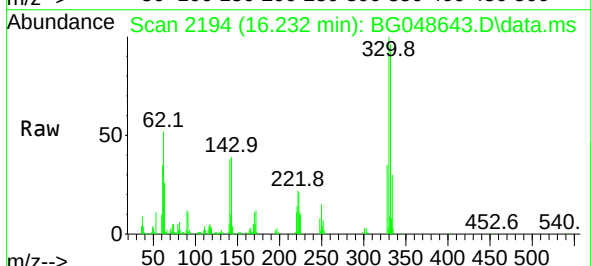
Tgt Ion:248 Resp: 7751

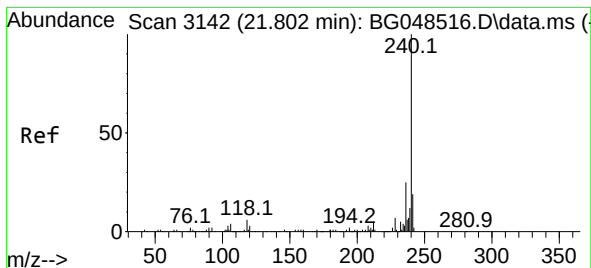
Ion Ratio Lower Upper

248 100

250 185.4 82.6 124.0#

141 474.2 61.0 91.6#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.790 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BG048643.D

Acq: 9 Apr 2021 13:15

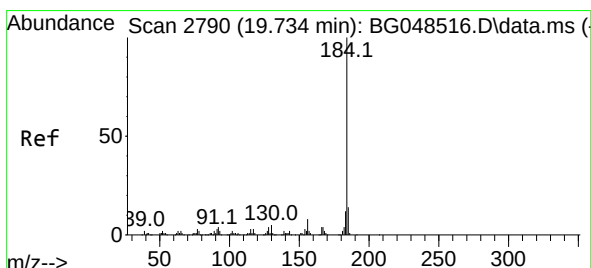
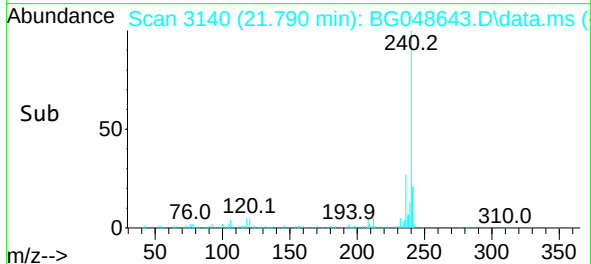
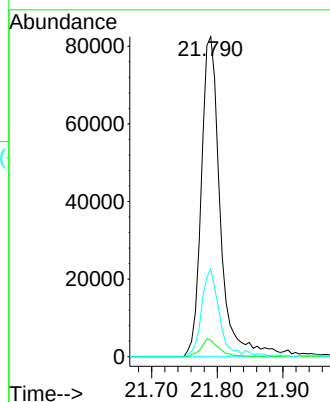
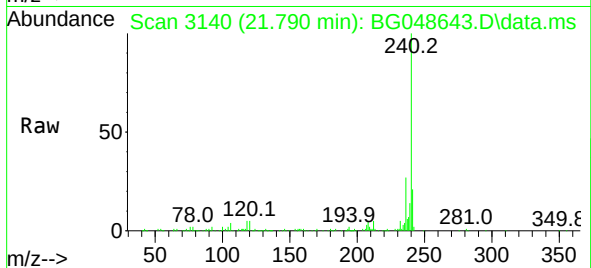
Tgt Ion:240 Resp: 165430

Ion Ratio Lower Upper

240 100

120 5.2 2.6 3.8#

236 27.4 19.8 29.6



#77

Benzidine

Concen: 2.62 ng

RT: 20.104 min Scan# 2853

Delta R.T. 0.370 min

Lab File: BG048643.D

Acq: 9 Apr 2021 13:15

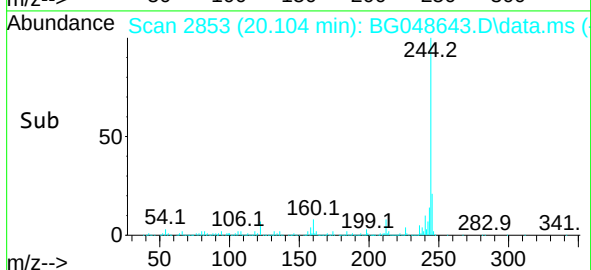
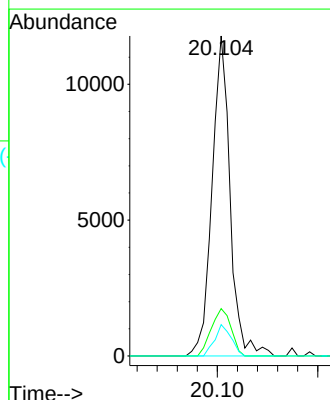
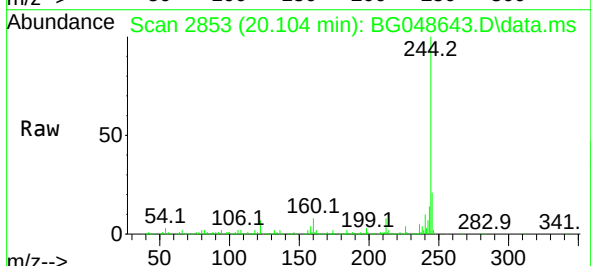
Tgt Ion:184 Resp: 14695

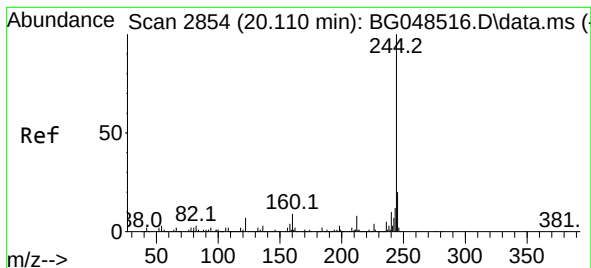
Ion Ratio Lower Upper

184 100

185 14.8 11.0 16.4

183 9.8 9.2 13.8





#79

Terphenyl-d14

Concen: 91.73 ng

RT: 20.104 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BG048643.D

Acq: 9 Apr 2021 13:15

Instrument :

BNA_G

ClientSampleId :

PB135641BL

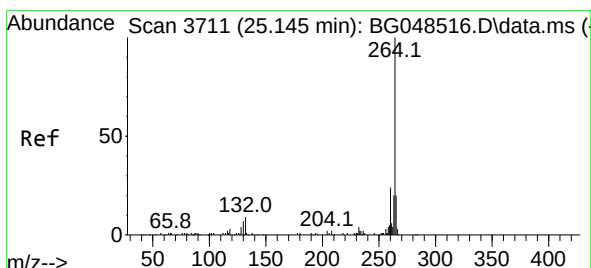
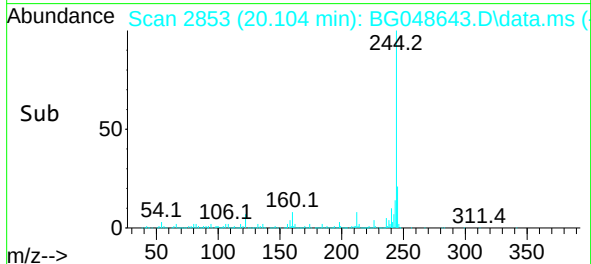
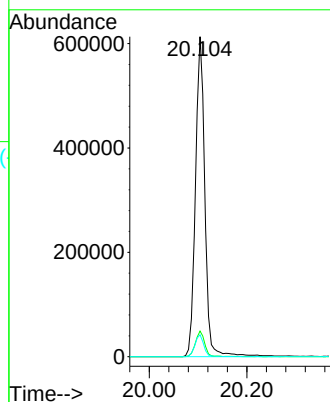
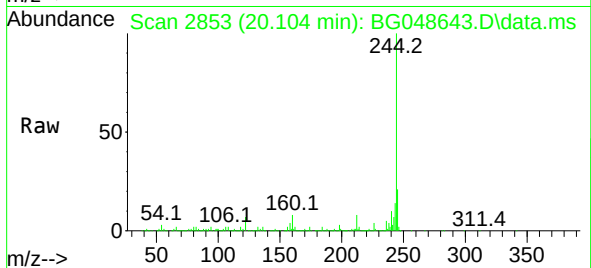
Tgt Ion:244 Resp: 829831

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

122 6.8 5.8 8.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.127 min Scan# 3708

Delta R.T. -0.018 min

Lab File: BG048643.D

Acq: 9 Apr 2021 13:15

Tgt Ion:264 Resp: 145374

Ion Ratio Lower Upper

264 100

260 26.4 19.1 28.7

265 21.8 16.1 24.1

