

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040821\
 Data File : BG048634.D
 Acq On : 8 Apr 2021 11:13
 Operator : CG/JU
 Sample : PB135613BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135613BL

Quant Time: Apr 08 12:26:18 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)

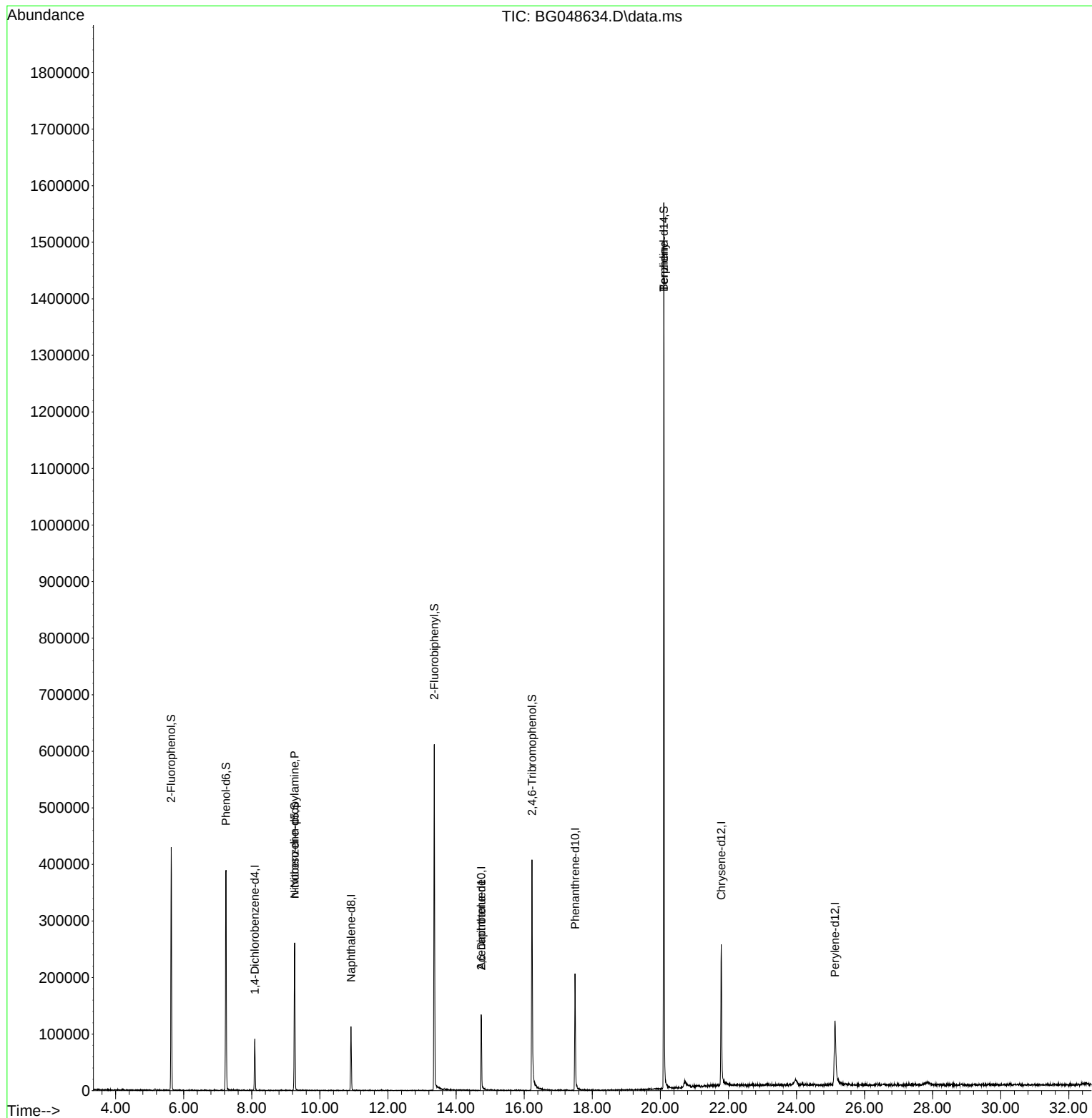
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	23978	20.00	ng	-0.01
21) Naphthalene-d8	10.915	136	90977	20.00	ng	#-0.01
39) Acenaphthene-d10	14.740	164	52009	20.00	ng	-0.01
64) Phenanthrene-d10	17.495	188	142525	20.00	ng	# 0.00
76) Chrysene-d12	21.790	240	180390	20.00	ng	-0.01
86) Perylene-d12	25.127	264	161043	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	170681	125.67	ng	0.00
7) Phenol-d6	7.242	99	203584	103.36	ng	0.00
23) Nitrobenzene-d5	9.258	82	146520	77.97	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	89631	131.10	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	320496	91.59	ng	-0.01
79) Terphenyl-d14	20.104	244	737245	74.74	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.258	70	24376	17.95	ng	# 71
51) 2,6-Dinitrotoluene	14.740	165	7117	8.06	ng	# 17
77) Benzidine	20.104	184	14592	2.39	ng	# 92

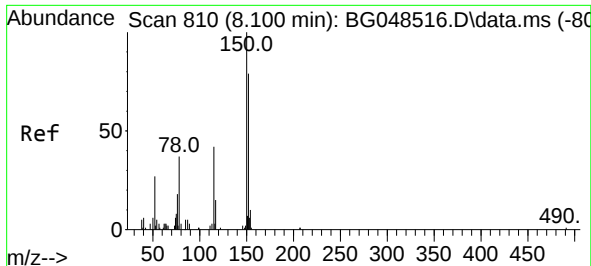
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040821\
Data File : BG048634.D
Acq On : 8 Apr 2021 11:13
Operator : CG/JU
Sample : PB135613BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135613BL

Quant Time: Apr 08 12:26:18 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

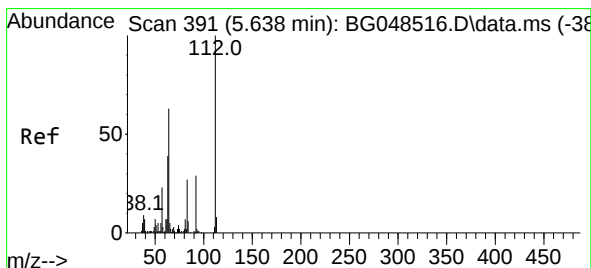
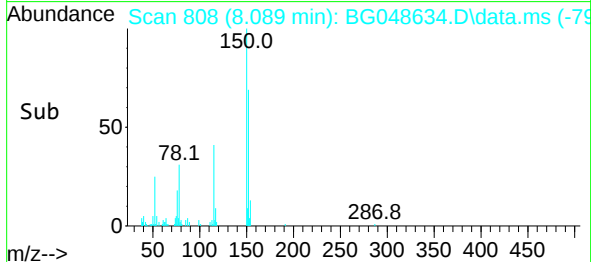
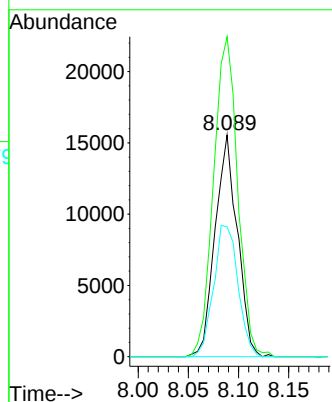
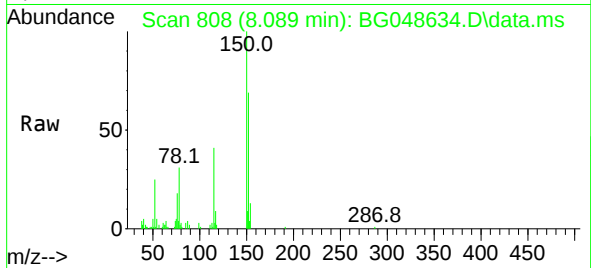




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.089 min Scan# 808
Delta R.T. -0.011 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

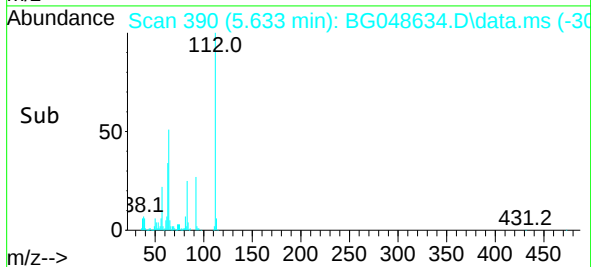
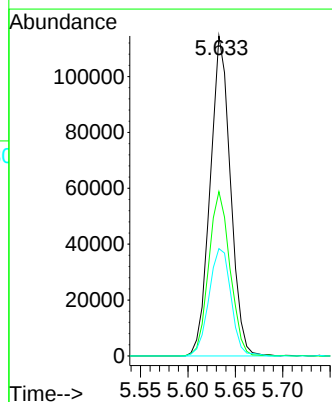
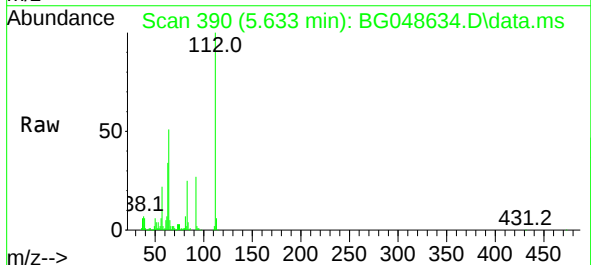
Instrument :
BNA_G
ClientSampleId :
PB135613BL

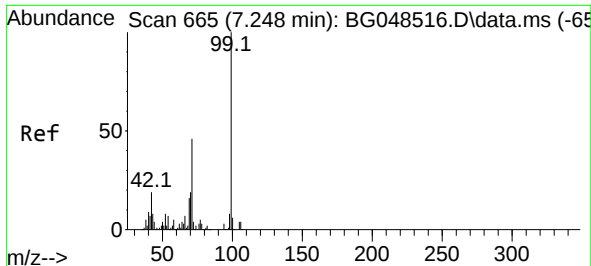
Tgt Ion:152 Resp: 23978
Ion Ratio Lower Upper
152 100
150 144.3 101.3 151.9
115 58.5 42.3 63.5



#5
2-Fluorophenol
Concen: 125.67 ng
RT: 5.633 min Scan# 390
Delta R.T. -0.006 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

Tgt Ion:112 Resp: 170681
Ion Ratio Lower Upper
112 100
64 51.3 50.4 75.6
63 33.5 31.4 47.2

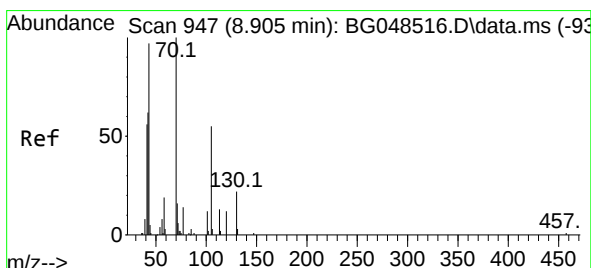
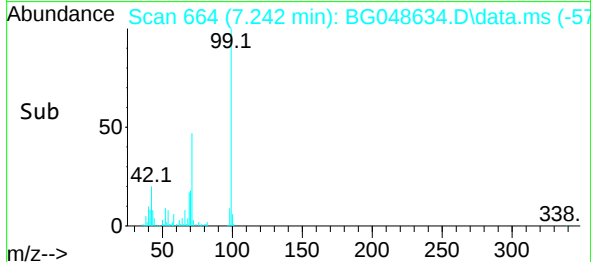
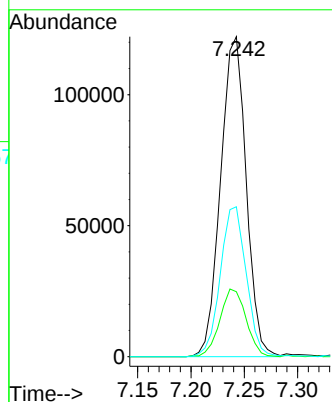
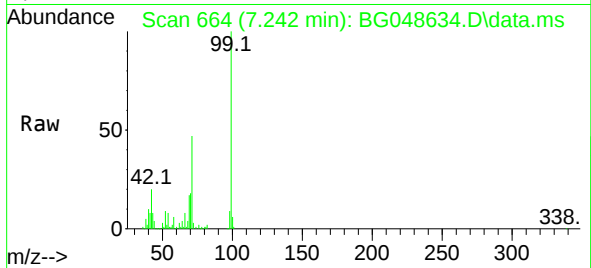




#7
Phenol-d6
Concen: 103.36 ng
RT: 7.242 min Scan# 664
Delta R.T. -0.006 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

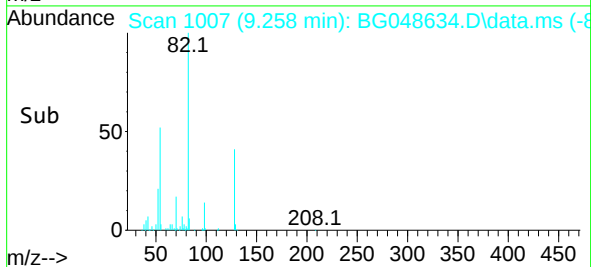
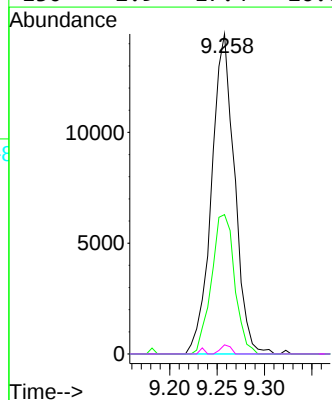
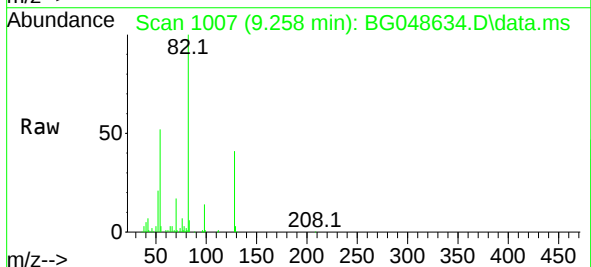
Instrument :
BNA_G
ClientSampleId :
PB135613BL

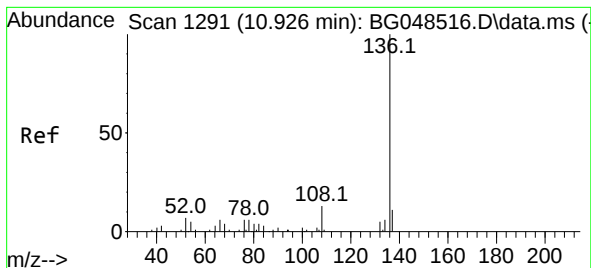
Tgt Ion: 99 Resp: 203584
Ion Ratio Lower Upper
99 100
42 20.3 15.5 23.3
71 46.9 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.95 ng
RT: 9.258 min Scan# 1007
Delta R.T. 0.353 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

Tgt Ion: 70 Resp: 24376
Ion Ratio Lower Upper
70 100
42 43.6 50.8 76.2#
101 0.0 9.7 14.5#
130 2.9 17.4 26.0#

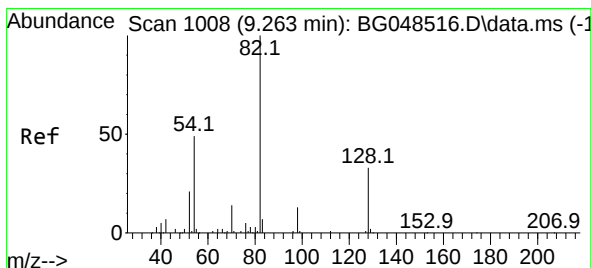
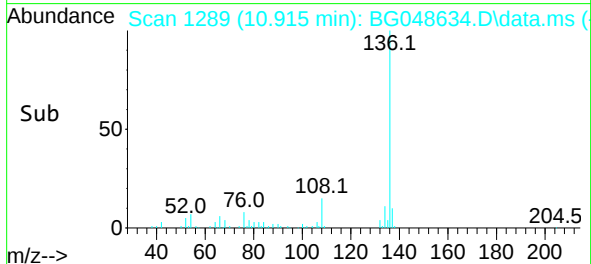
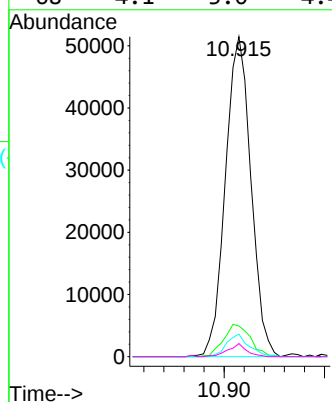
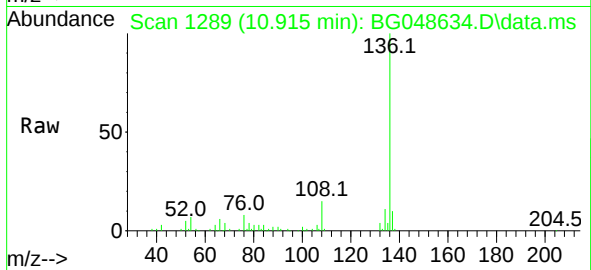




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.915 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

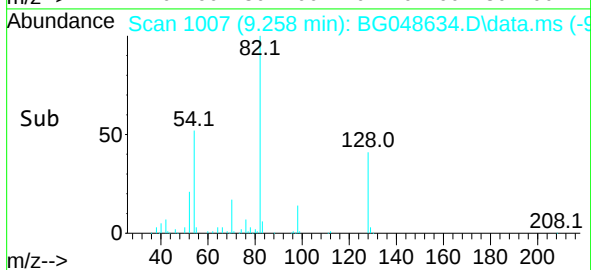
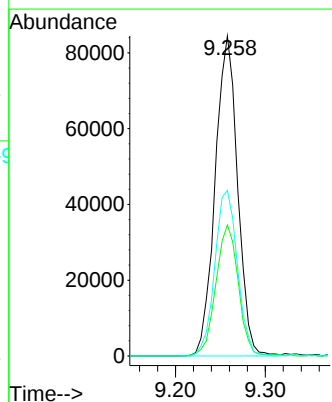
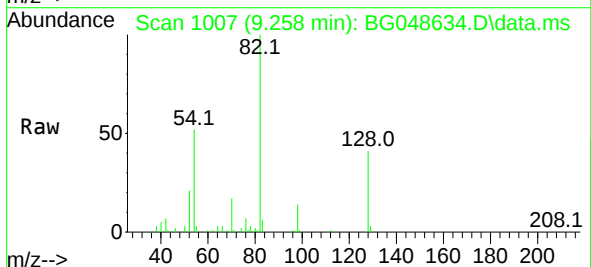
Instrument :
BNA_G
ClientSampleId :
PB135613BL

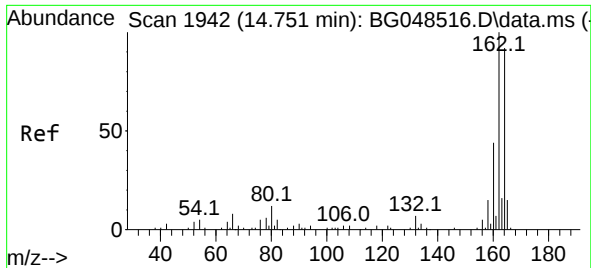
Tgt Ion:	136	Resp:	90977
Ion Ratio	Lower	Upper	
136	100		
137	9.6	8.6	12.8
54	7.0	4.2	6.4#
68	4.1	3.0	4.4



#23
Nitrobenzene-d5
Concen: 77.97 ng
RT: 9.258 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

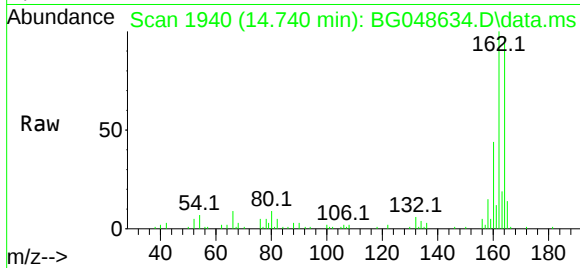
Tgt Ion:	82	Resp:	146520
Ion Ratio	Lower	Upper	
82	100		
128	41.0	26.2	39.4#
54	51.7	38.9	58.3



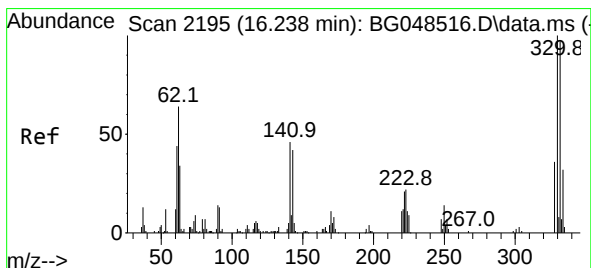
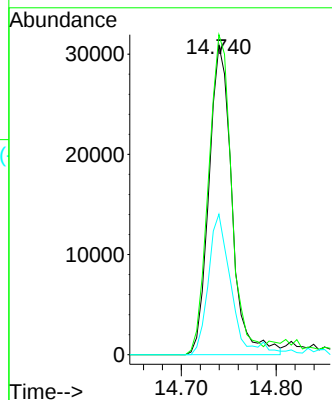
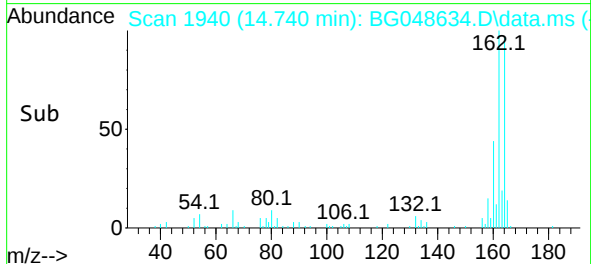


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.740 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

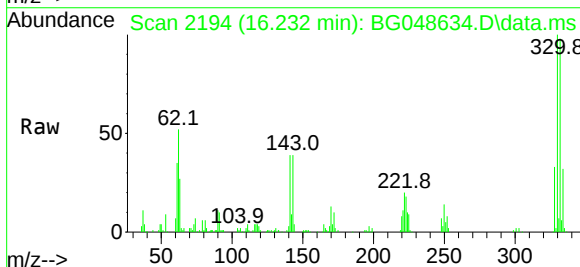
Instrument :
BNA_G
ClientSampleId :
PB135613BL



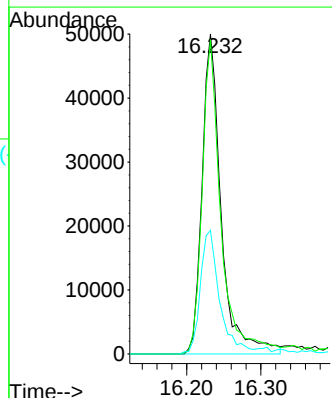
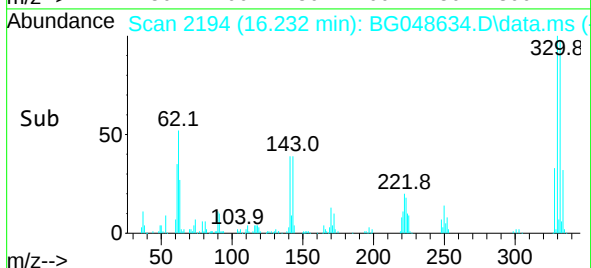
Tgt Ion:164 Resp: 52009
Ion Ratio Lower Upper
164 100
162 103.4 87.0 130.6
160 45.4 38.4 57.6

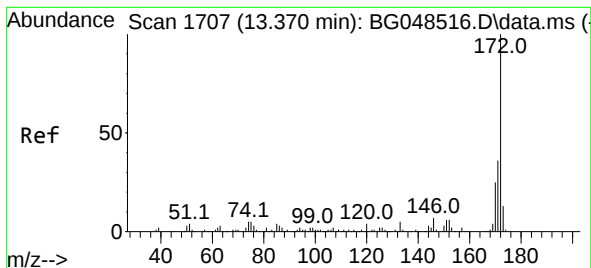


#42
2,4,6-Tribromophenol
Concen: 131.10 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13



Tgt Ion:330 Resp: 89631
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 39.0 34.6 52.0

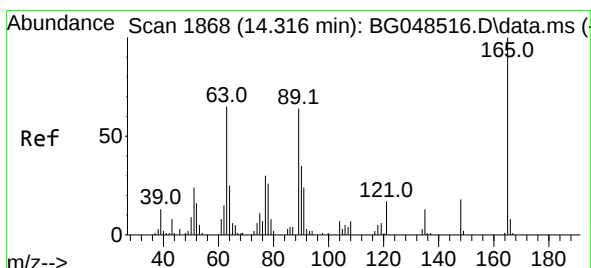
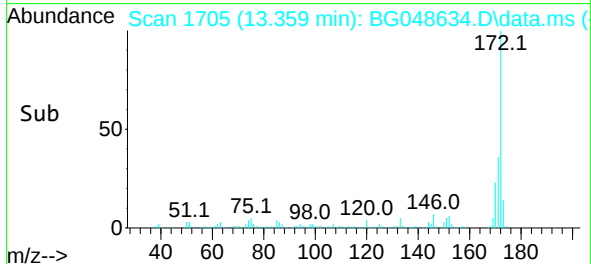
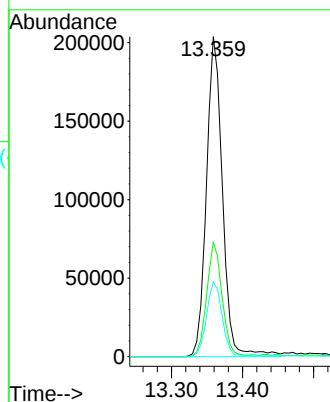
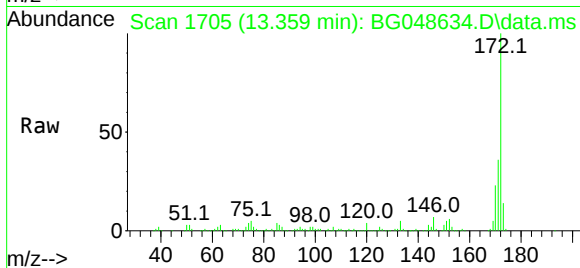




#45
2-Fluorobiphenyl
Concen: 91.59 ng
RT: 13.359 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

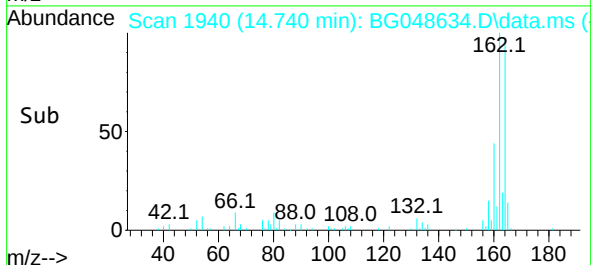
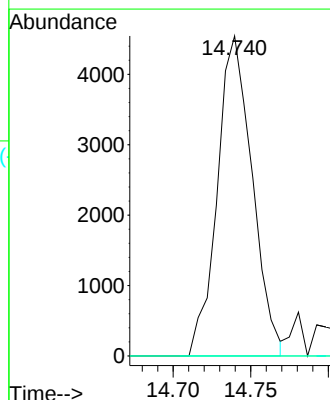
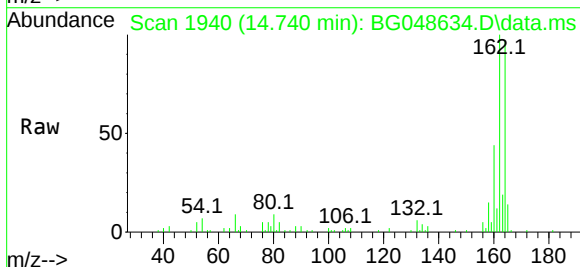
Instrument :
BNA_G
ClientSampleID :
PB135613BL

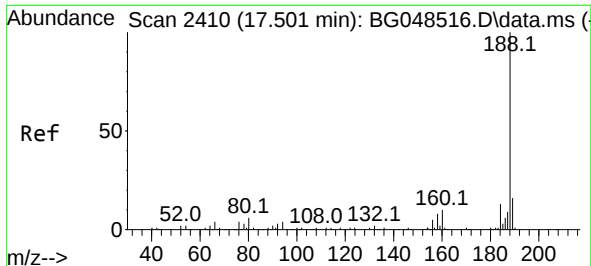
Tgt Ion:172 Resp: 320496
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.06 ng
RT: 14.740 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

Tgt Ion:165 Resp: 7117
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#

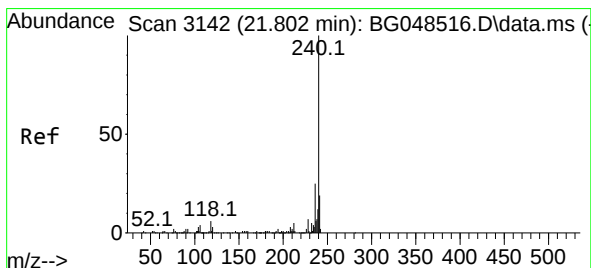
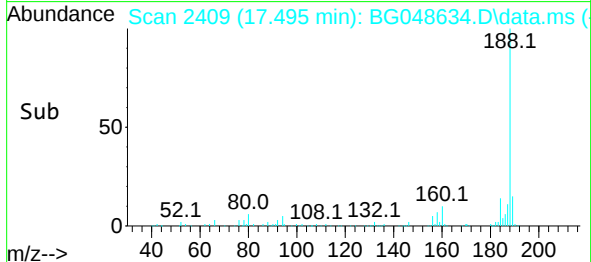
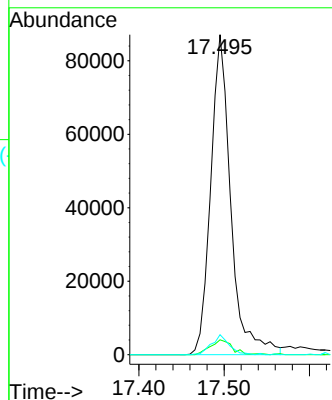
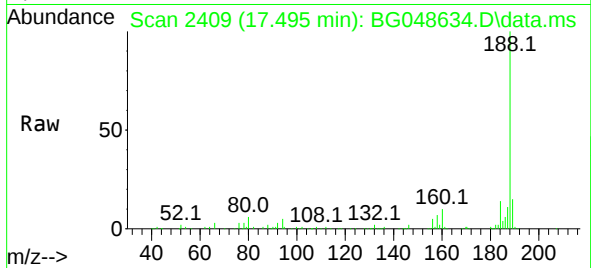




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.495 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

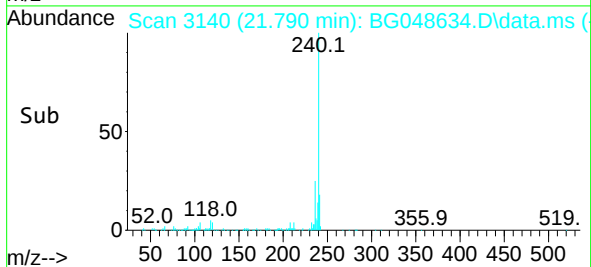
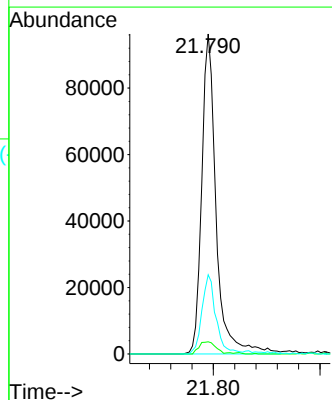
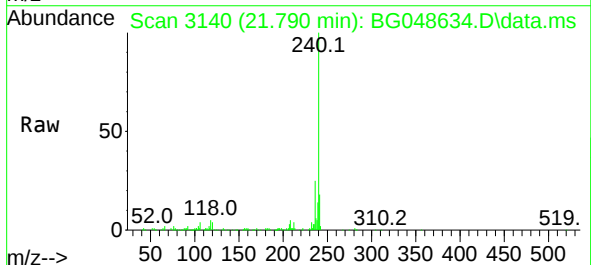
Instrument :
BNA_G
ClientSampleId :
PB135613BL

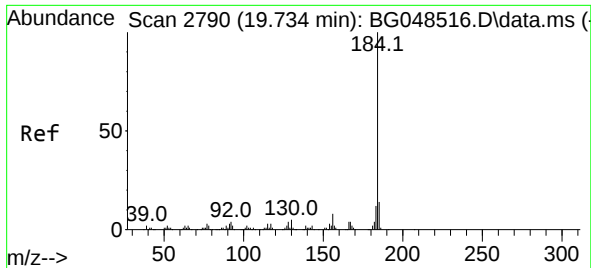
Tgt Ion:188 Resp: 142525
Ion Ratio Lower Upper
188 100
94 4.7 3.0 4.6#
80 6.2 4.5 6.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.790 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

Tgt Ion:240 Resp: 180390
Ion Ratio Lower Upper
240 100
120 3.8 2.6 3.8
236 24.7 19.8 29.6

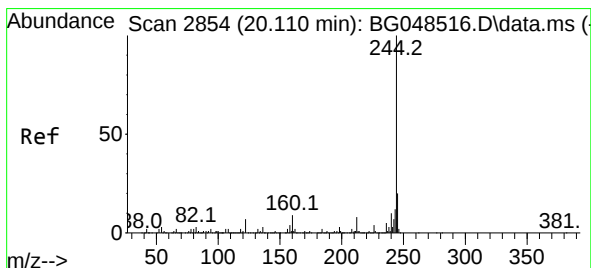
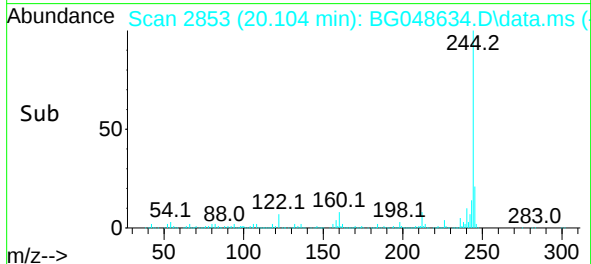
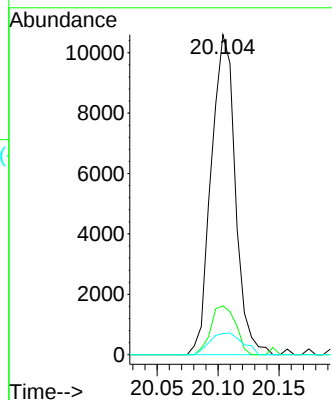
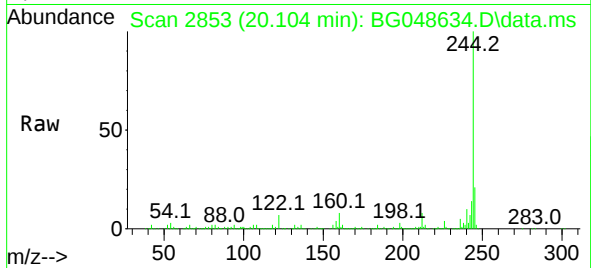




#77
Benzidine
Concen: 2.39 ng
RT: 20.104 min Scan# 2853
Delta R.T. 0.370 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

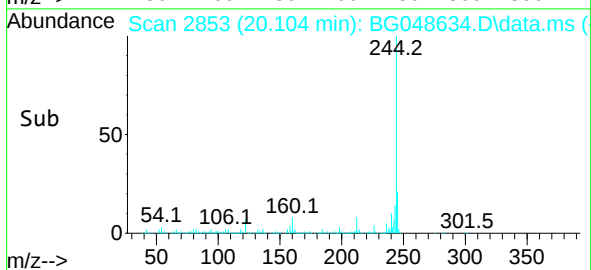
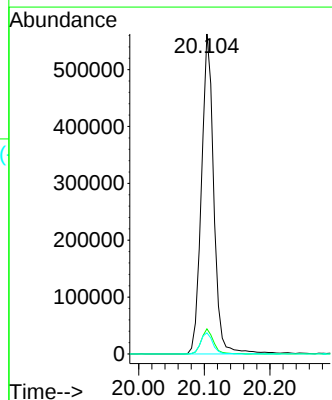
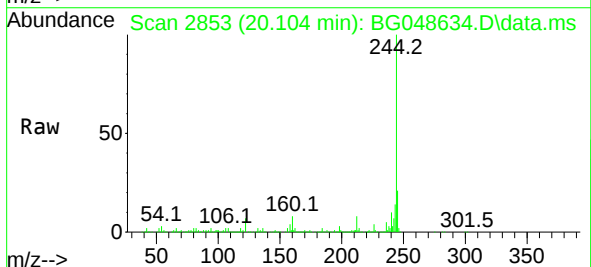
Instrument :
BNA_G
ClientSampleId :
PB135613BL

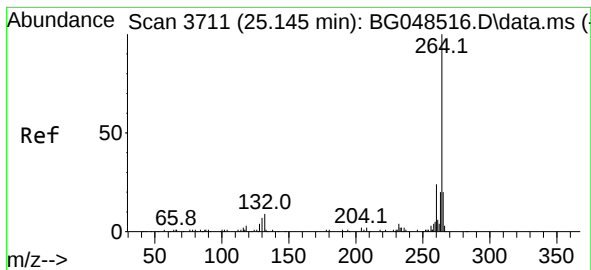
Tgt Ion:184 Resp: 14592
Ion Ratio Lower Upper
184 100
185 15.3 11.0 16.4
183 6.6 9.2 13.8#



#79
Terphenyl-d14
Concen: 74.74 ng
RT: 20.104 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048634.D
Acq: 8 Apr 2021 11:13

Tgt Ion:244 Resp: 737245
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 6.6 5.8 8.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.127 min Scan# 3708

Delta R.T. -0.017 min

Lab File: BG048634.D

Acq: 8 Apr 2021 11:13

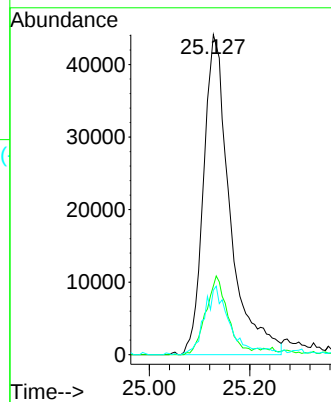
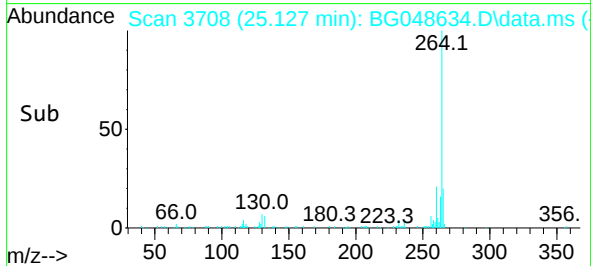
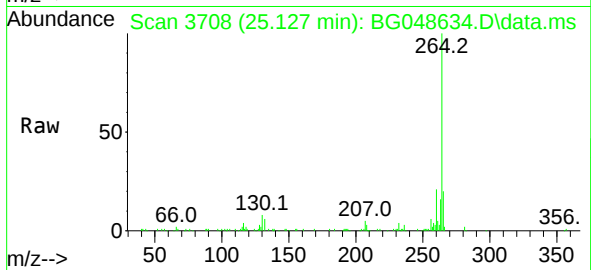
Tgt Ion:264 Resp: 161043

Ion Ratio Lower Upper

264 100

260 21.5 19.1 28.7

265 20.2 16.1 24.1



Instrument :

BNA_G

ClientSampleId :

PB135613BL