

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
 Data File : BG048603.D
 Acq On : 6 Apr 2021 14:08
 Operator : CG/JU
 Sample : PB135531TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135531TB

Quant Time: Apr 06 15:01:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

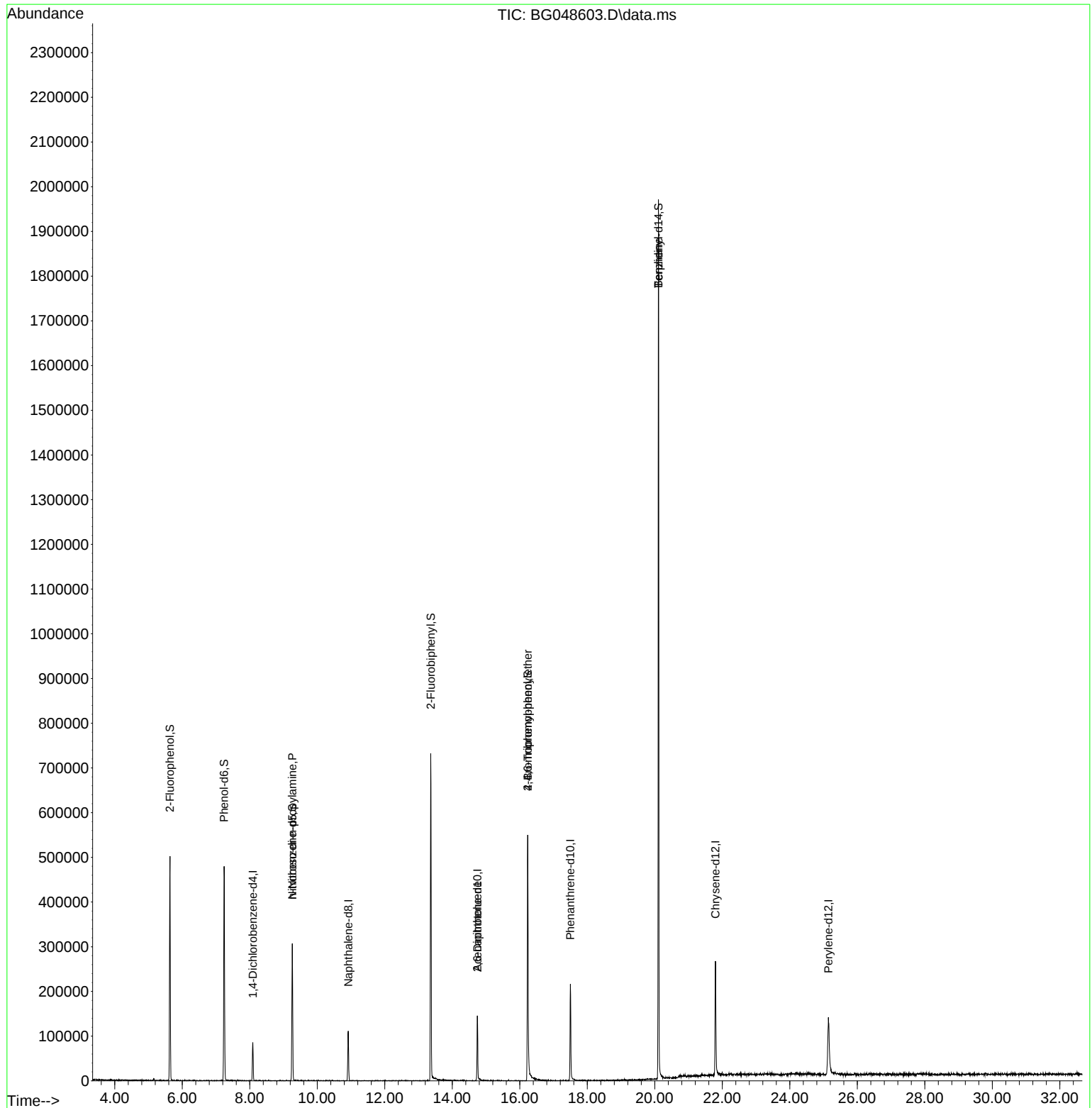
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	22291	20.00	ng	# 0.00
21) Naphthalene-d8	10.919	136	91135	20.00	ng	0.00
39) Acenaphthene-d10	14.744	164	53354	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	155641	20.00	ng	0.00
76) Chrysene-d12	21.801	240	180511	20.00	ng	# 0.00
86) Perylene-d12	25.144	264	162097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	203916	161.51	ng	0.00
7) Phenol-d6	7.241	99	252130	137.69	ng	0.00
23) Nitrobenzene-d5	9.262	82	181000	96.16	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	111707	159.27	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	394612	109.93	ng	0.00
79) Terphenyl-d14	20.109	244	917676	92.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.262	70	27440	21.74	ng	# 72
51) 2,6-Dinitrotoluene	14.744	165	7931	8.75	ng	# 17
67) 4-Bromophenyl-phenylether	16.237	248	7699	4.46	ng	# 1
77) Benzidine	20.109	184	17333	2.84	ng	# 94

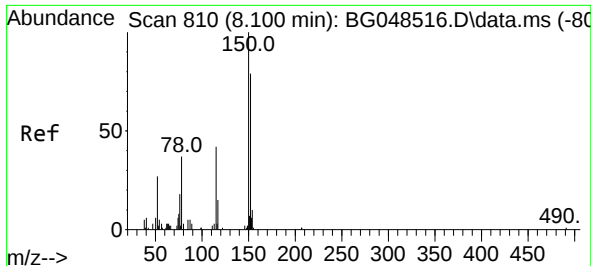
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
Data File : BG048603.D
Acq On : 6 Apr 2021 14:08
Operator : CG/JU
Sample : PB135531TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135531TB

Quant Time: Apr 06 15:01:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

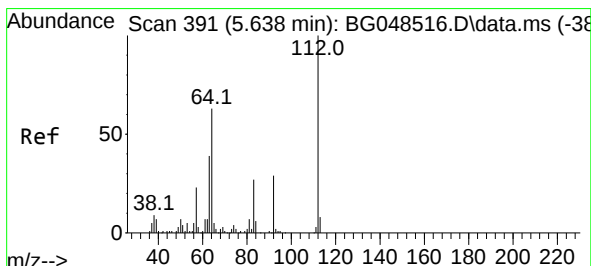
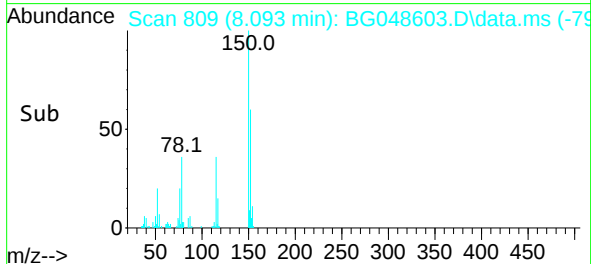
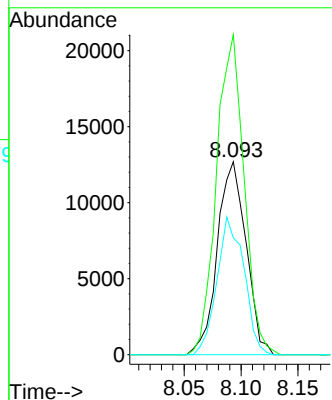
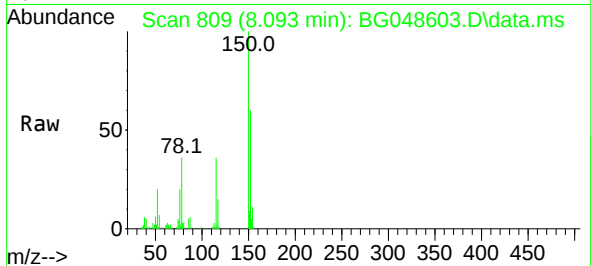




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.093 min Scan# 809
Delta R.T. -0.001 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08

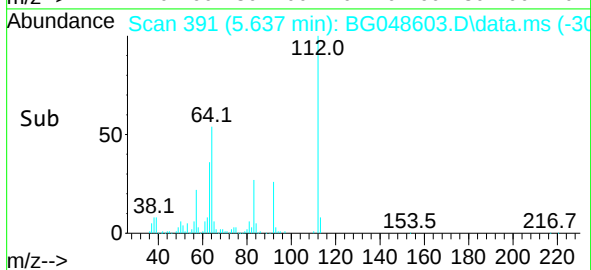
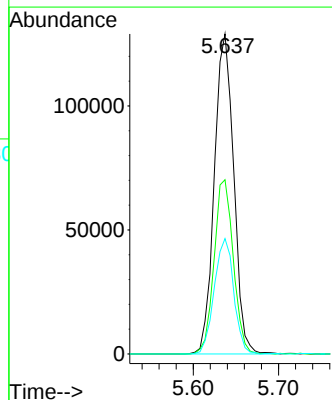
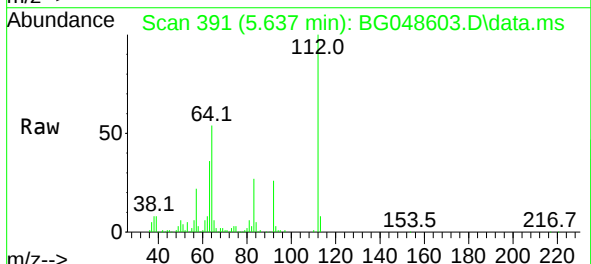
Instrument :
BNA_G
ClientSampleId :
PB135531TB

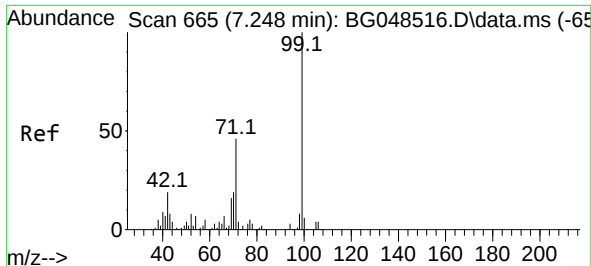
Tgt Ion:152 Resp: 22291
Ion Ratio Lower Upper
152 100
150 165.9 101.3 151.9#
115 60.5 42.3 63.5



#5
2-Fluorophenol
Concen: 161.51 ng
RT: 5.637 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08

Tgt Ion:112 Resp: 203916
Ion Ratio Lower Upper
112 100
64 54.5 50.4 75.6
63 36.1 31.4 47.2

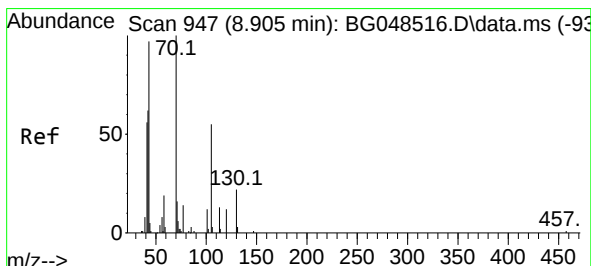
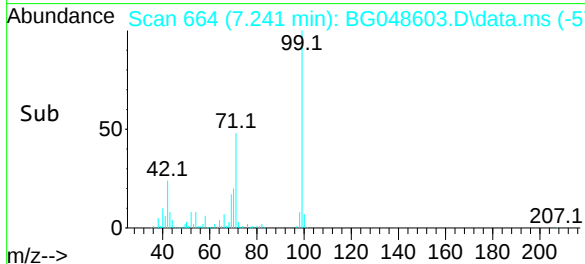
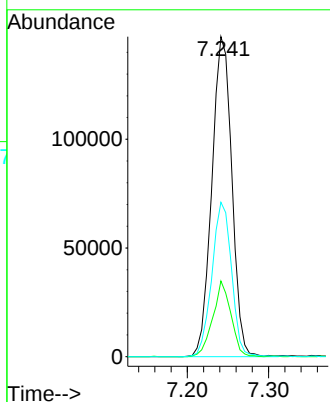
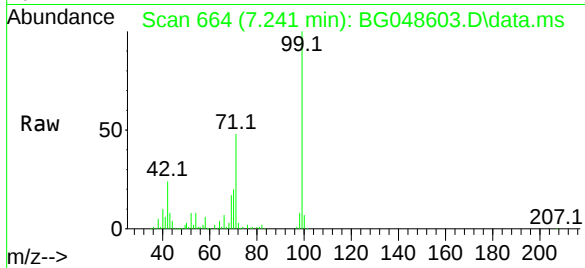




#7
Phenol-d6
Concen: 137.69 ng
RT: 7.241 min Scan# 664
Delta R.T. -0.006 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08

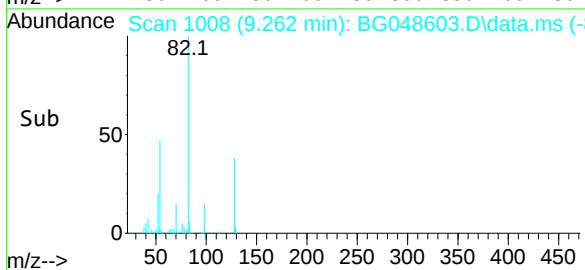
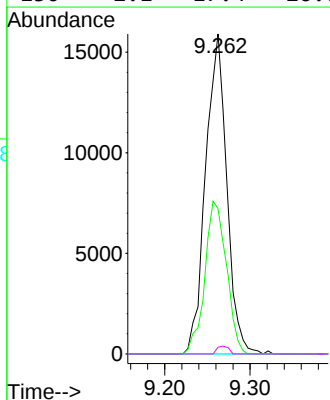
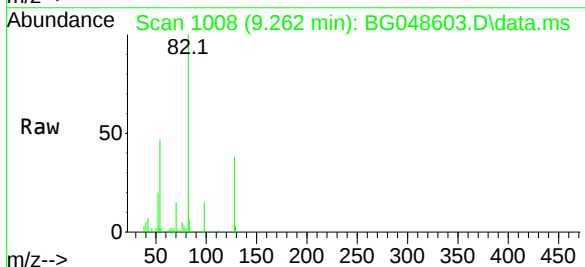
Instrument :
BNA_G
ClientSampleId :
PB135531TB

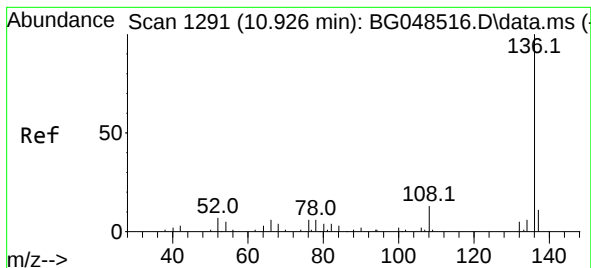
Tgt Ion: 99 Resp: 252130
Ion Ratio Lower Upper
99 100
42 23.6 15.5 23.3#
71 48.2 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.74 ng
RT: 9.262 min Scan# 1008
Delta R.T. 0.358 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08

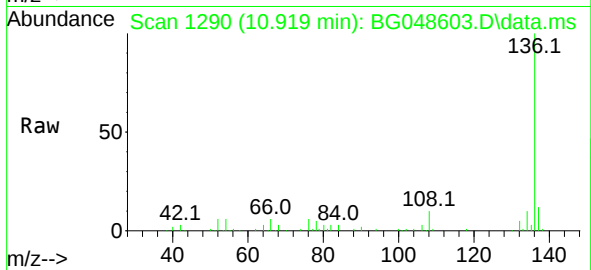
Tgt Ion: 70 Resp: 27440
Ion Ratio Lower Upper
70 100
42 45.4 50.8 76.2#
101 0.0 9.7 14.5#
130 2.1 17.4 26.0#



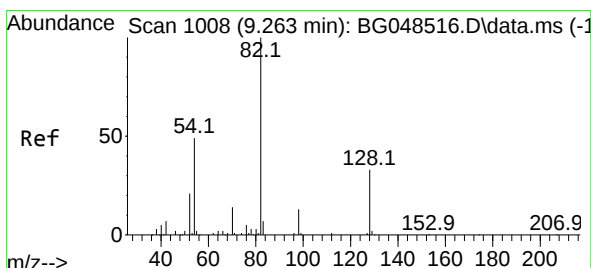
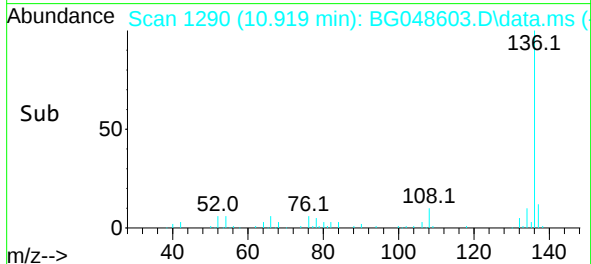
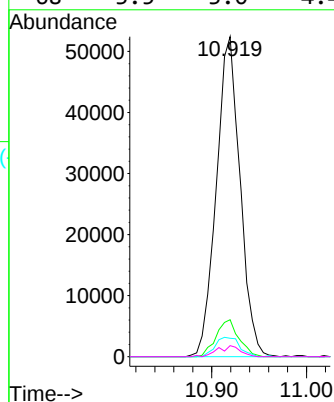


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.919 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08

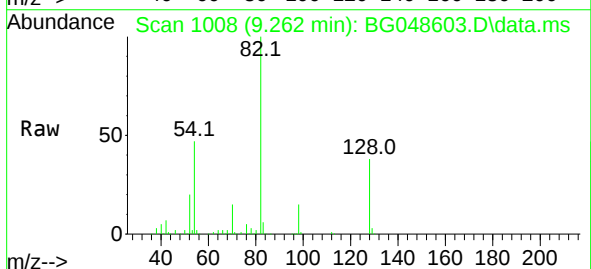
Instrument :
BNA_G
ClientSampleId :
PB135531TB



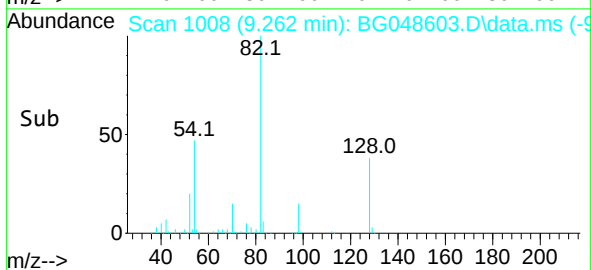
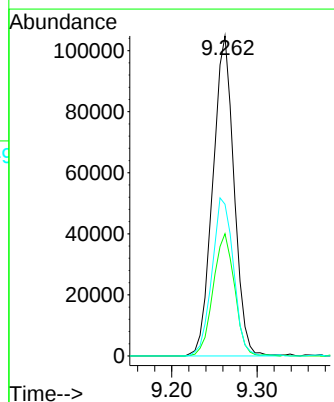
Tgt Ion:	136	Resp:	91135
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	12.8
54	5.8	4.2	6.4
68	3.5	3.0	4.4

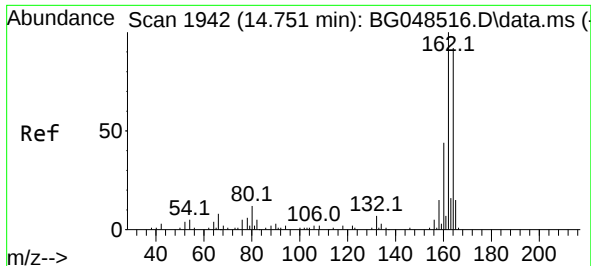


#23
Nitrobenzene-d5
Concen: 96.16 ng
RT: 9.262 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08



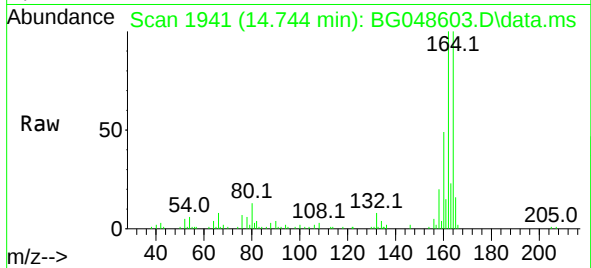
Tgt Ion:	82	Resp:	181000
Ion Ratio	Lower	Upper	
82	100		
128	38.2	26.2	39.4
54	47.4	38.9	58.3



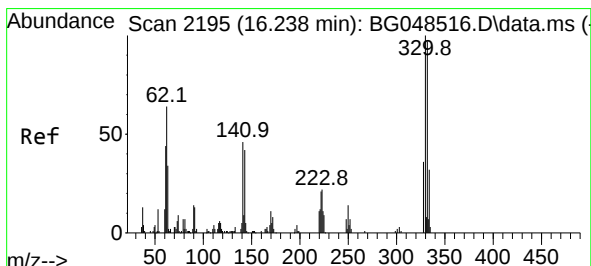
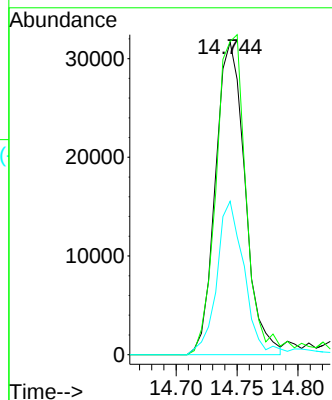
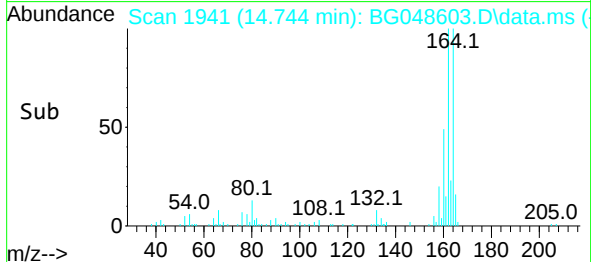


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.744 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08

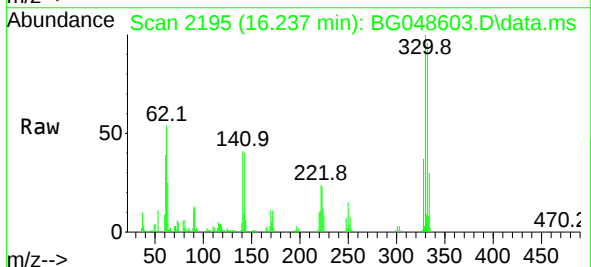
Instrument :
BNA_G
ClientSampleId :
PB135531TB



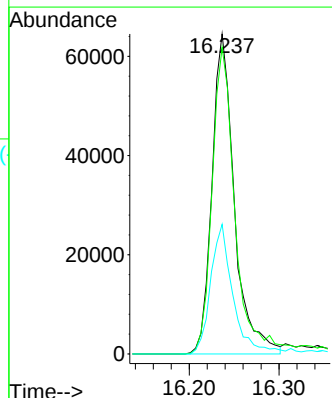
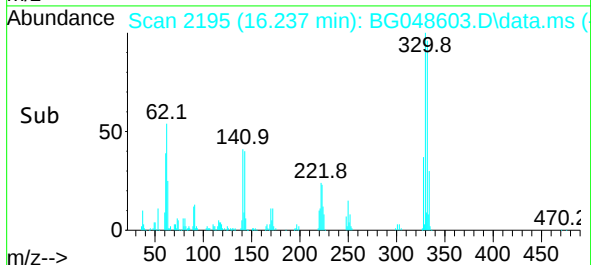
Tgt Ion:164 Resp: 53354
Ion Ratio Lower Upper
164 100
162 100.2 87.0 130.6
160 49.1 38.4 57.6

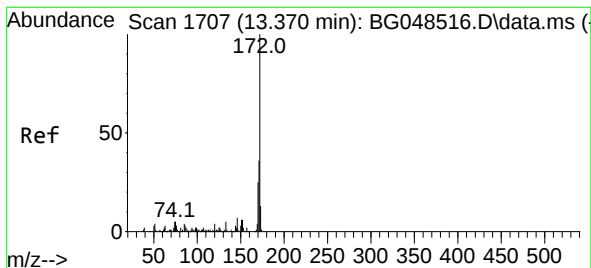


#42
2,4,6-Tribromophenol
Concen: 159.27 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08



Tgt Ion:330 Resp: 111707
Ion Ratio Lower Upper
330 100
332 98.6 77.6 116.4
141 40.5 34.6 52.0

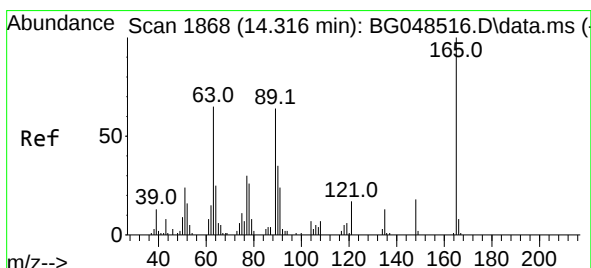
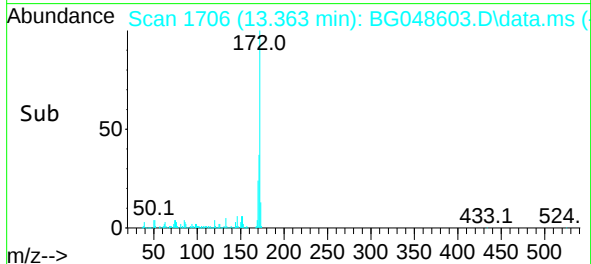
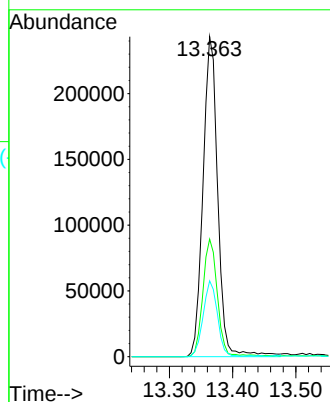
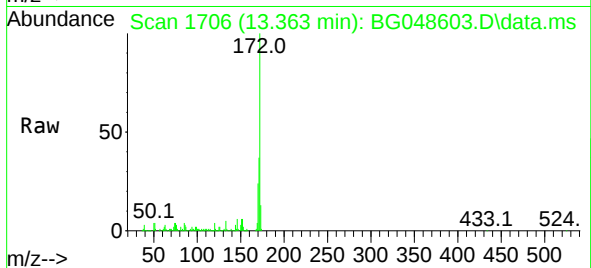




#45
2-Fluorobiphenyl
Concen: 109.93 ng
RT: 13.363 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08

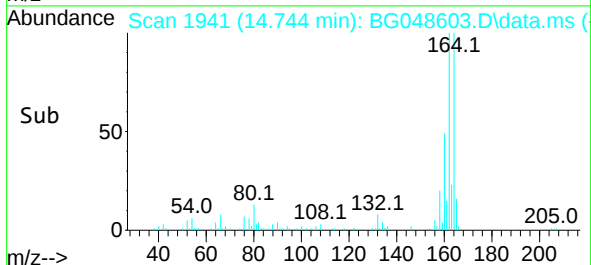
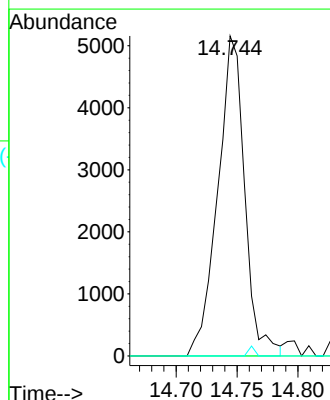
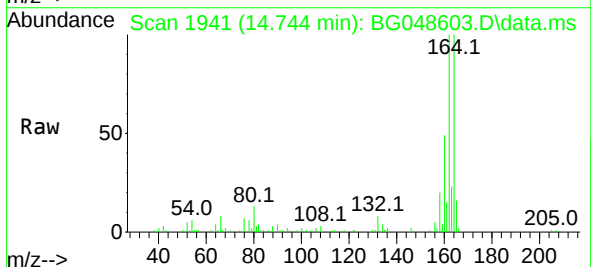
Instrument :
BNA_G
ClientSampleId :
PB135531TB

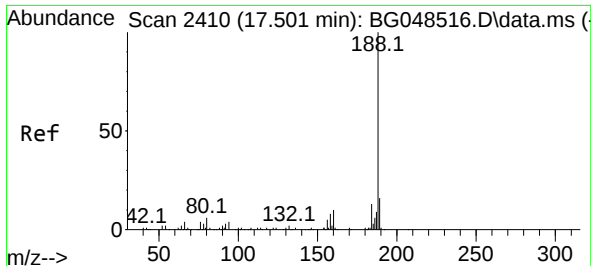
Tgt Ion:172 Resp: 394612
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 23.7 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.75 ng
RT: 14.744 min Scan# 1941
Delta R.T. 0.428 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08

Tgt Ion:165 Resp: 7931
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#

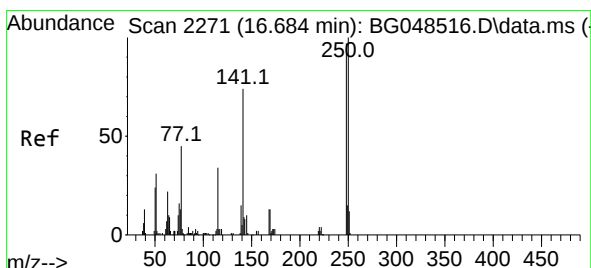
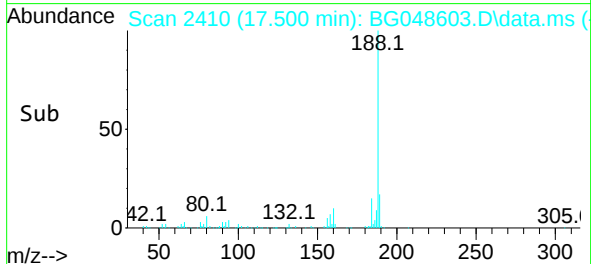
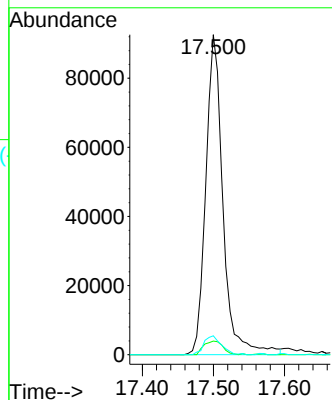
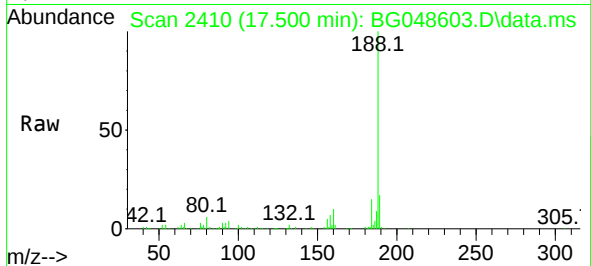




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08

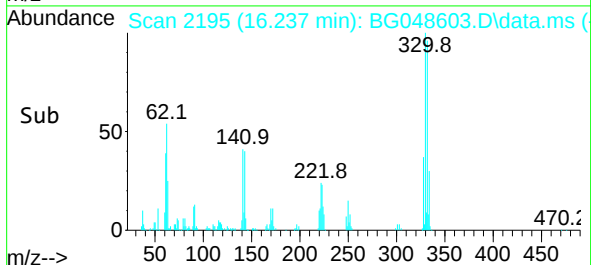
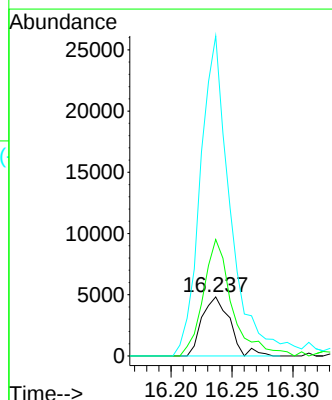
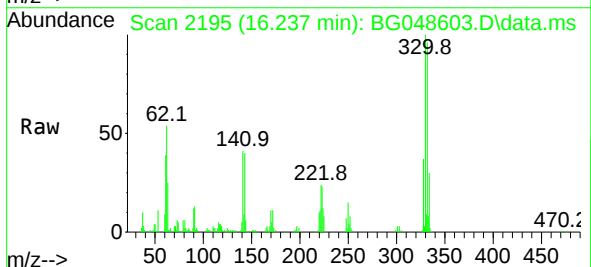
Instrument :
BNA_G
ClientSampleId :
PB135531TB

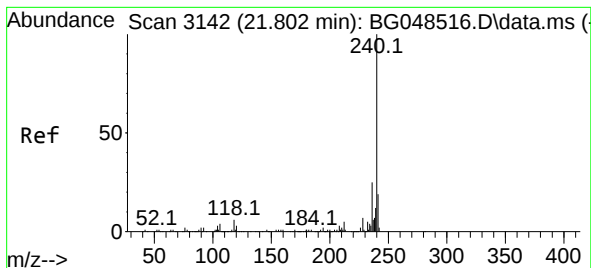
Tgt Ion:188	Resp:	155641
Ion Ratio	Lower	Upper
188	100	
94	4.3	3.0 4.6
80	5.9	4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 4.46 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.453 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08

Tgt Ion:248	Resp:	7699
Ion Ratio	Lower	Upper
248	100	
250	197.3	82.6 124.0#
141	541.9	61.0 91.6#

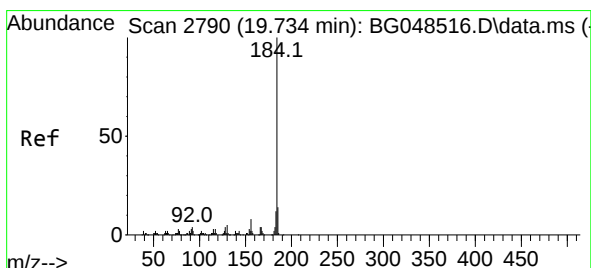
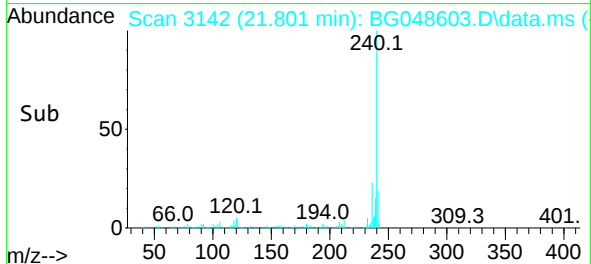
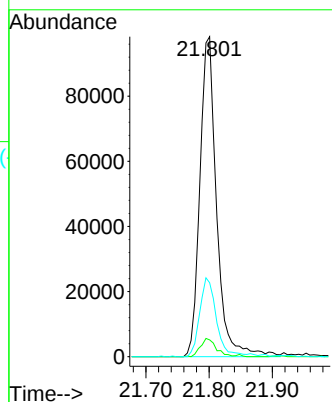
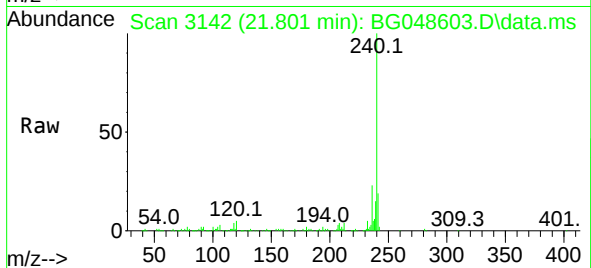




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.801 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08

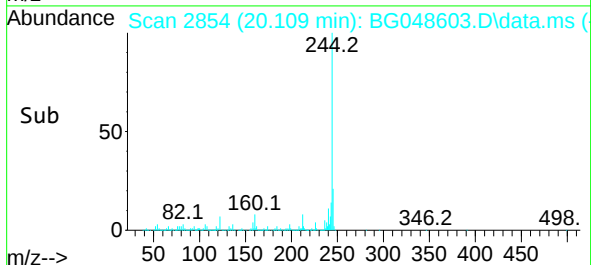
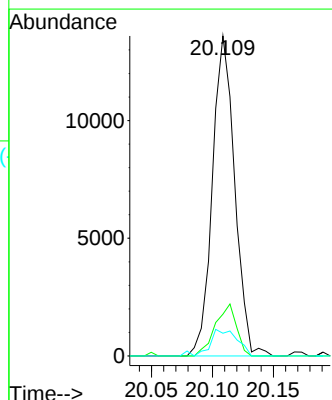
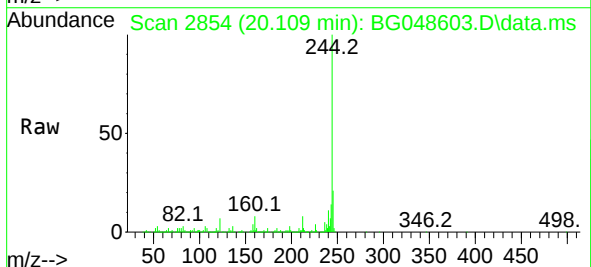
Instrument :
BNA_G
ClientSampleId :
PB135531TB

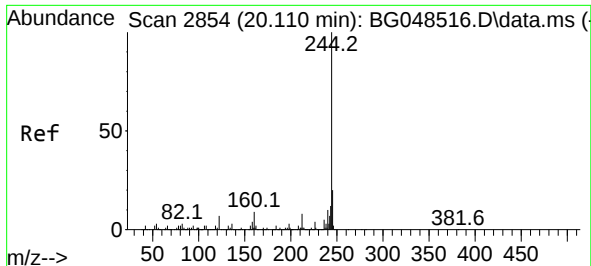
Tgt Ion:240 Resp: 180511
Ion Ratio Lower Upper
240 100
120 5.2 2.6 3.8#
236 23.1 19.8 29.6



#77
Benzidine
Concen: 2.84 ng
RT: 20.109 min Scan# 2854
Delta R.T. 0.376 min
Lab File: BG048603.D
Acq: 6 Apr 2021 14:08

Tgt Ion:184 Resp: 17333
Ion Ratio Lower Upper
184 100
185 13.1 11.0 16.4
183 7.1 9.2 13.8#

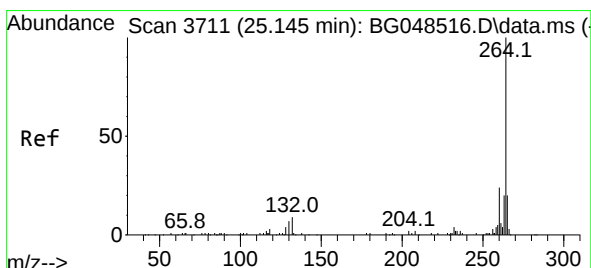
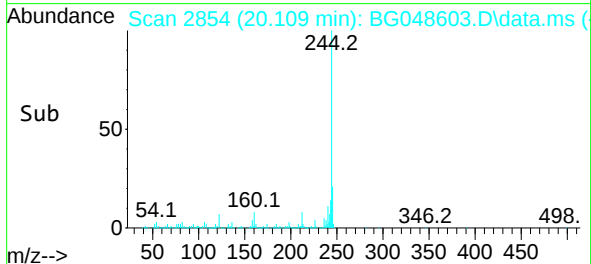
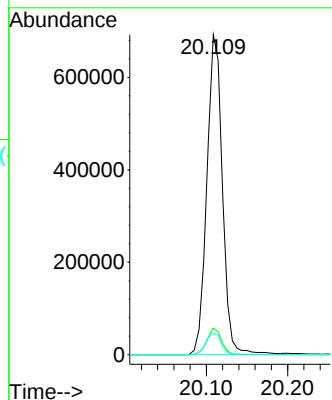
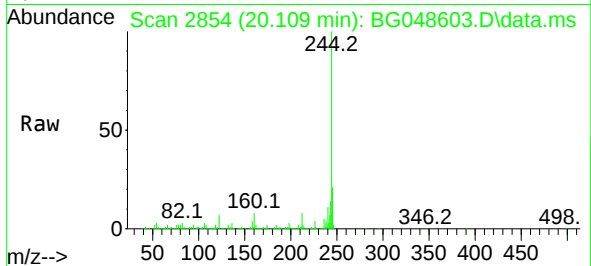




#79
 Terphenyl-d14
 Concen: 92.97 ng
 RT: 20.109 min Scan# 2854
 Delta R.T. -0.006 min
 Lab File: BG048603.D
 Acq: 6 Apr 2021 14:08

Instrument :
 BNA_G
 ClientSampleId :
 PB135531TB

Tgt Ion:244 Resp: 917676
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.0 9.0
 122 6.8 5.8 8.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.144 min Scan# 3711
 Delta R.T. -0.006 min
 Lab File: BG048603.D
 Acq: 6 Apr 2021 14:08

Tgt Ion:264 Resp: 162097
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 20.9 16.1 24.1

