

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048932.D
 Acq On : 13 Jun 2021 7:43
 Operator : CG/JU
 Sample : PB137054TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137054TB

Quant Time: Jun 14 03:19:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

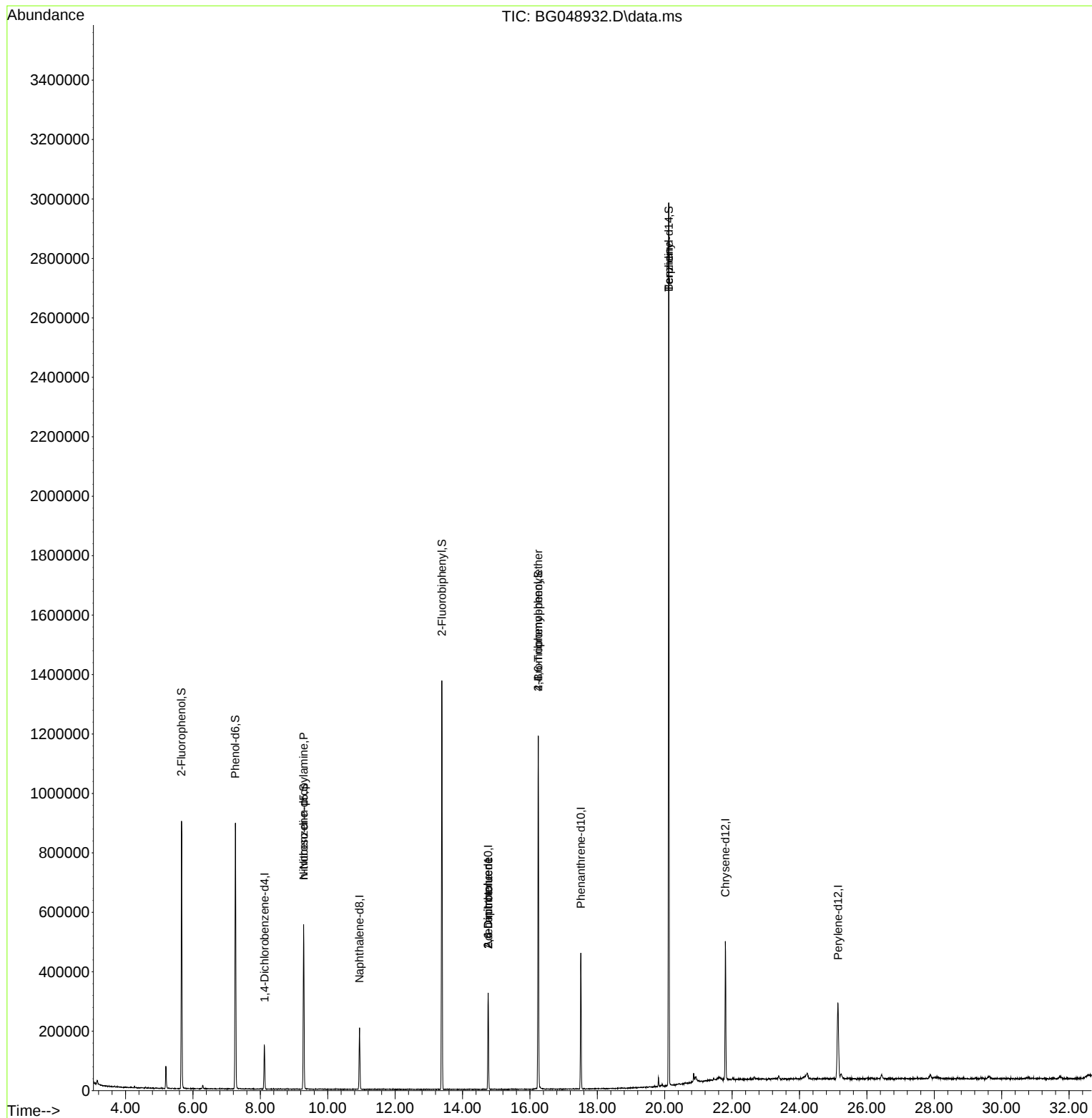
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	38161	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	158113	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	115619	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	286518	20.00	ng	# 0.00
76) Chrysene-d12	21.801	240	289760	20.00	ng	#-0.02
86) Perylene-d12	25.144	264	290859	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	342328	139.64	ng	0.00
7) Phenol-d6	7.259	99	460168	125.24	ng	0.00
23) Nitrobenzene-d5	9.286	82	327375	89.28	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	223030	130.20	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	693062	84.68	ng	0.00
79) Terphenyl-d14	20.121	244	1311281	82.88	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.286	70	48093	16.75	ng	# 74
51) 2,6-Dinitrotoluene	14.762	165	15240	8.31	ng	# 13
57) 2,4-Dinitrotoluene	14.762	165	15240	6.76	ng	# 18
67) 4-Bromophenyl-phenylether	16.249	248	14250	3.98	ng	# 1
77) Benzidine	20.121	184	26181	4.49	ng	96

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

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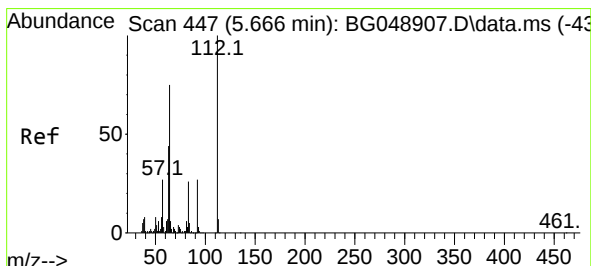
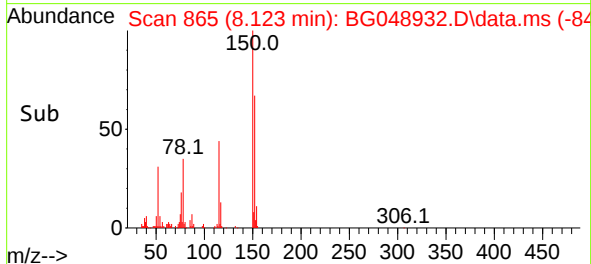
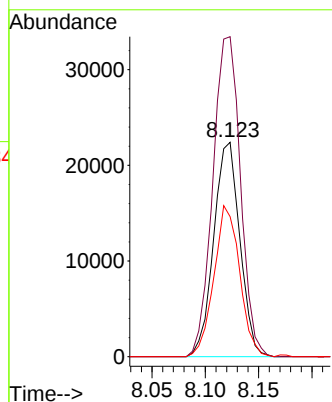
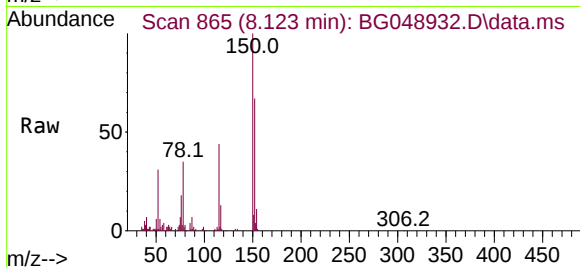




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

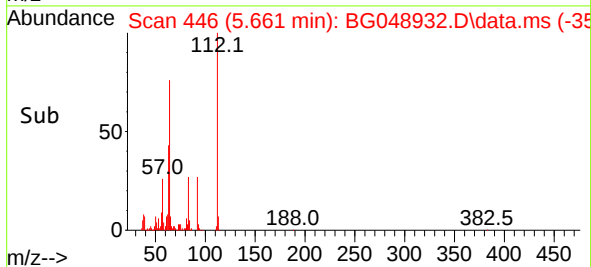
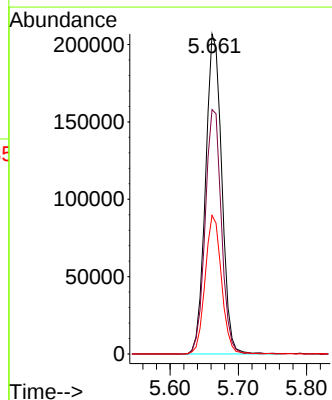
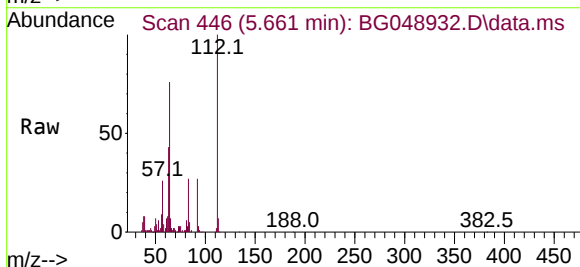
Instrument :
BNA_G
ClientSampleId :
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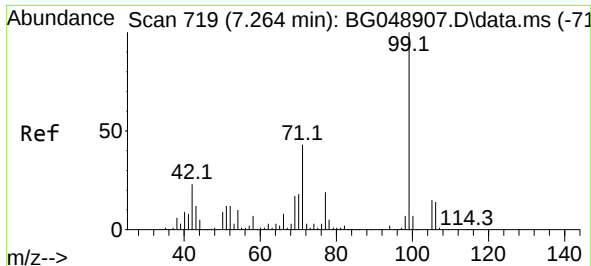
Tgt Ion:152 Resp: 38161
Ion Ratio Lower Upper
152 100
150 149.2 119.4 179.0
115 65.3 60.2 90.4



#5
2-Fluorophenol
Concen: 139.64 ng
RT: 5.661 min Scan# 446
Delta R.T. -0.005 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

Tgt Ion:112 Resp: 342328
Ion Ratio Lower Upper
112 100
64 76.3 46.7 70.1#
63 43.3 35.3 52.9

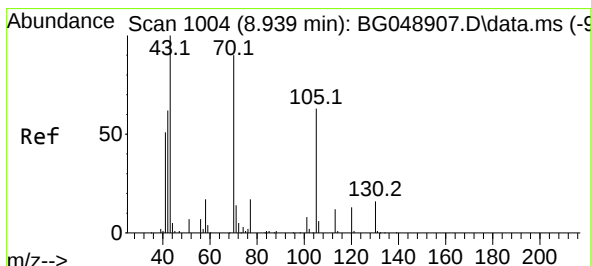
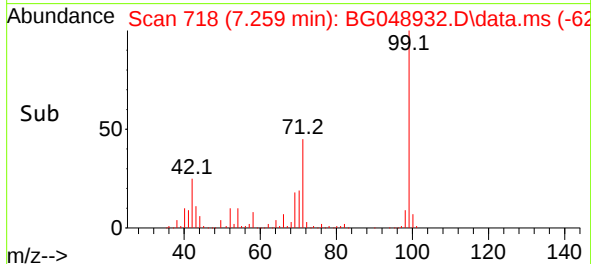
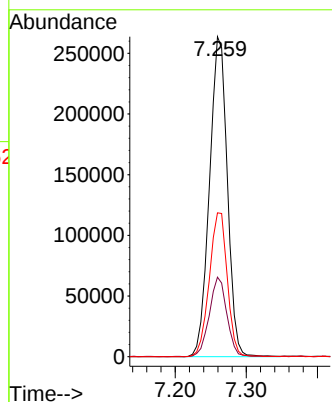
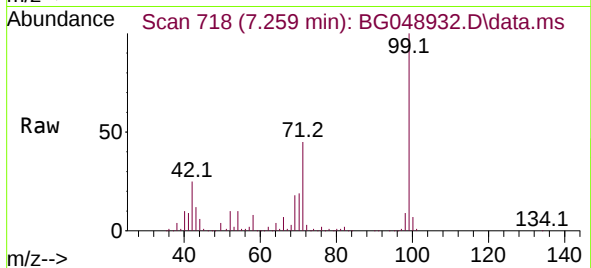




#7
Phenol-d6
Concen: 125.24 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

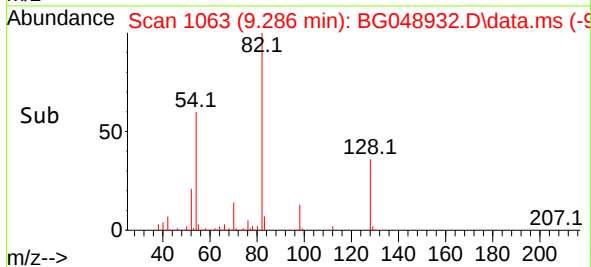
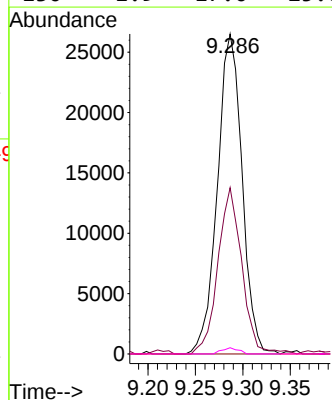
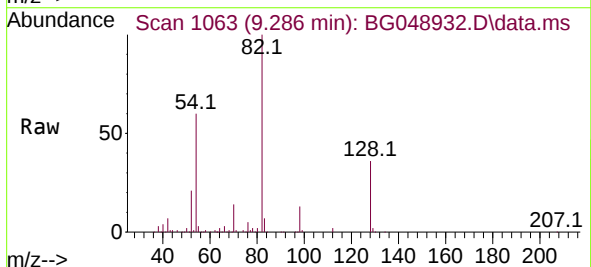
Instrument :
BNA_G
ClientSampleId :
PB137054TB

Tgt Ion: 99 Resp: 460168
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 45.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.75 ng
RT: 9.286 min Scan# 1063
Delta R.T. 0.348 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

Tgt Ion: 70 Resp: 48093
Ion Ratio Lower Upper
70 100
42 52.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#

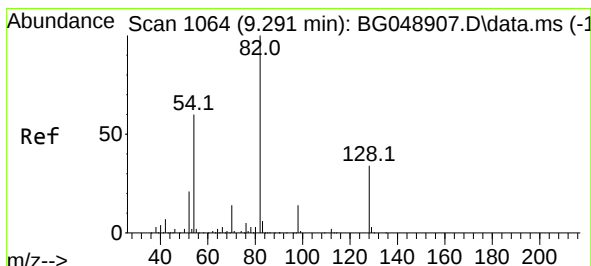
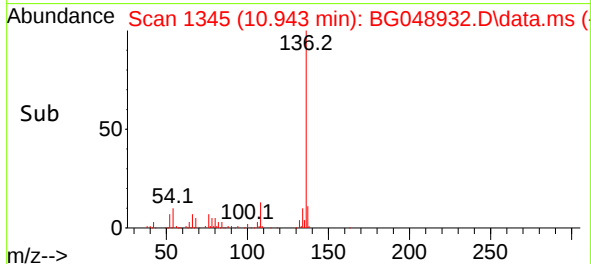
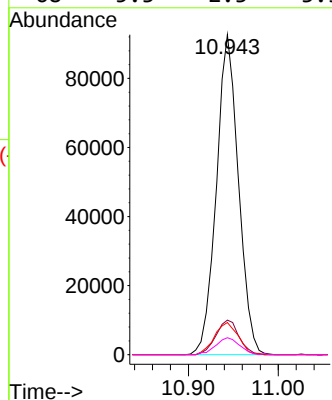
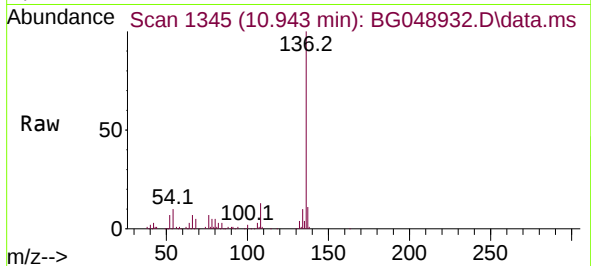




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

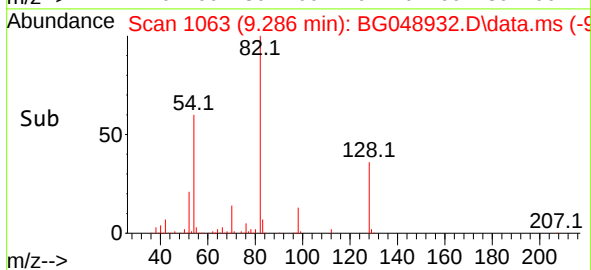
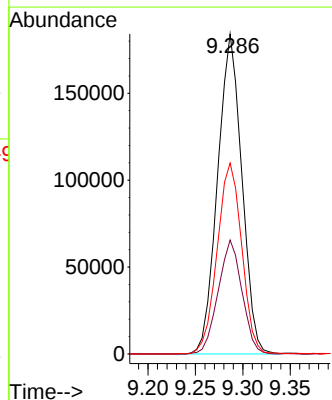
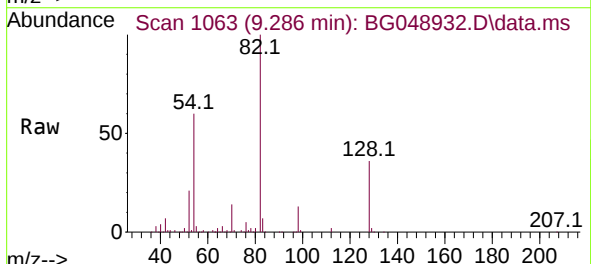
Instrument :
BNA_G
ClientSampleId :
PB137054TB

Tgt Ion:	136	Resp:	158113
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.2
54	10.1	5.5	8.3#
68	5.3	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 89.28 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

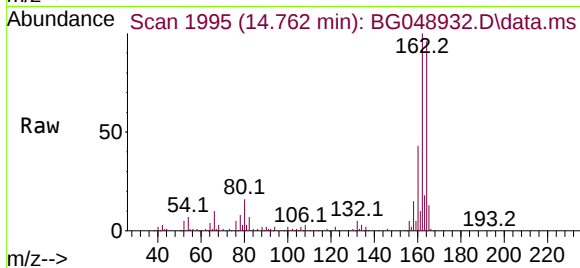
Tgt Ion:	82	Resp:	327375
Ion Ratio	Lower	Upper	
82	100		
128	35.6	29.8	44.6
54	59.7	45.8	68.8



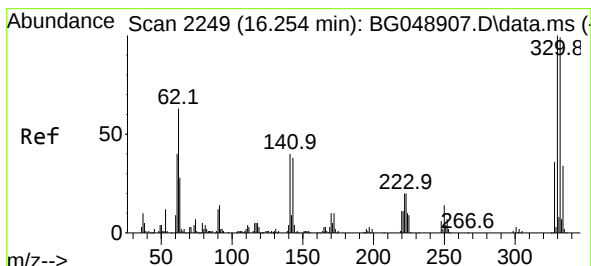
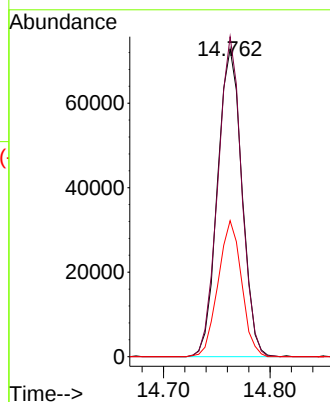
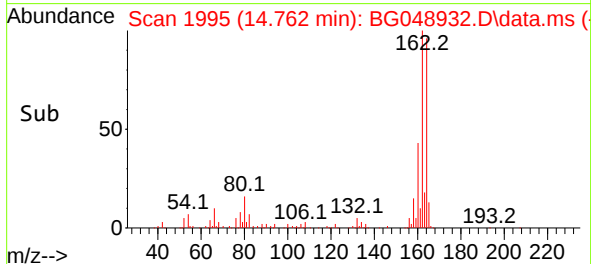


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

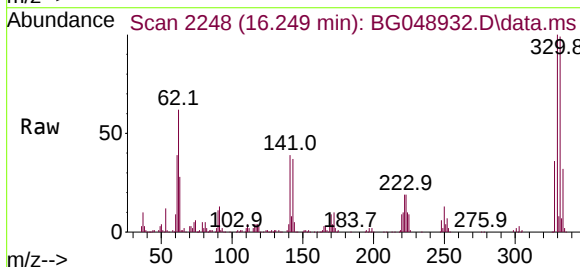
Instrument :
BNA_G
ClientSampleId :
PB137054TB



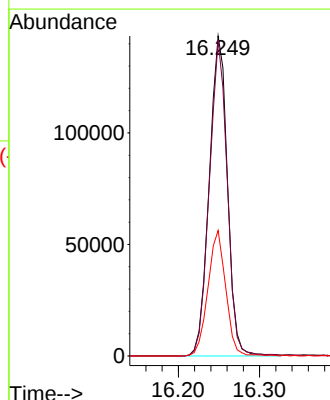
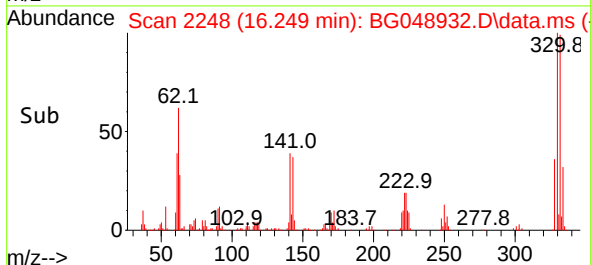
Tgt Ion:164 Resp: 115619
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 44.2 34.9 52.3

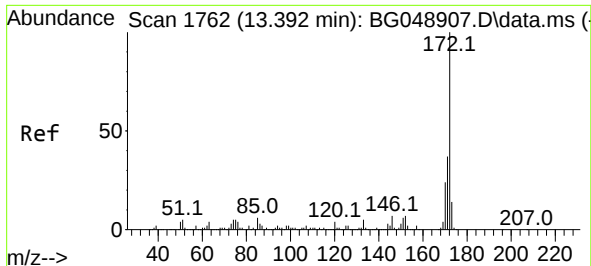


#42
2,4,6-Tribromophenol
Concen: 130.20 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43



Tgt Ion:330 Resp: 223030
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 38.4 35.6 53.4

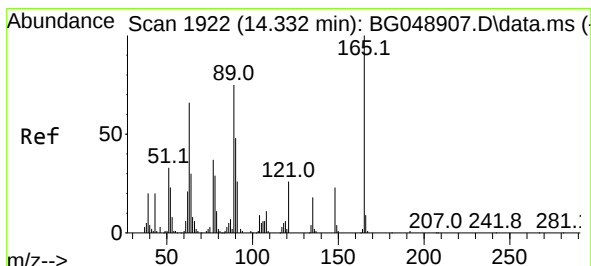
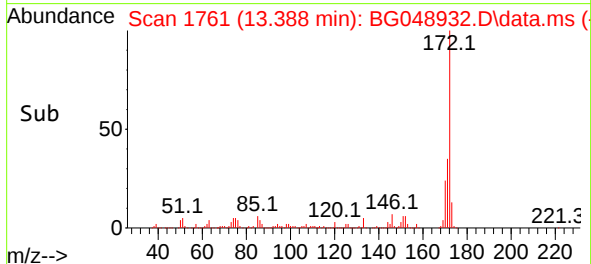
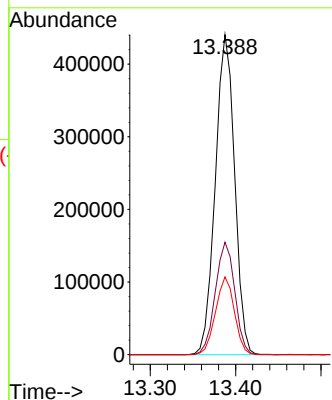
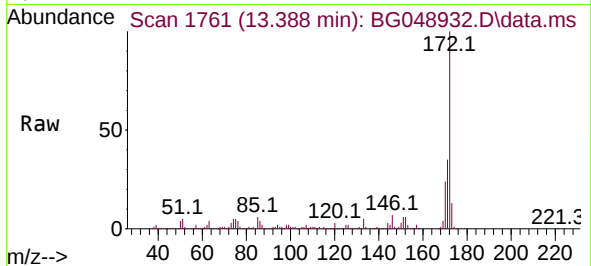




#45
2-Fluorobiphenyl
Concen: 84.68 ng
RT: 13.388 min Scan# 1761
Delta R.T. -0.004 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

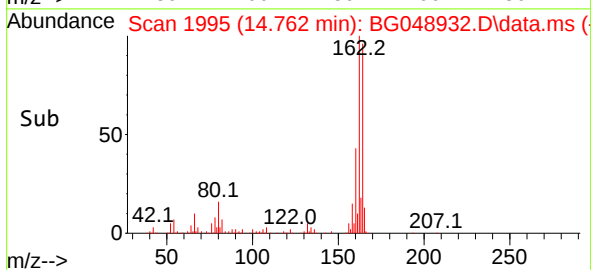
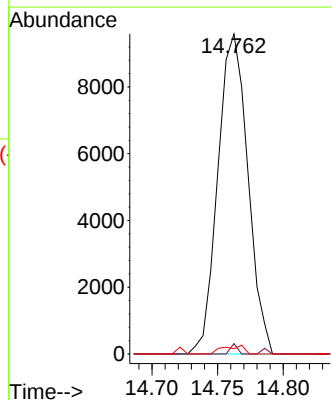
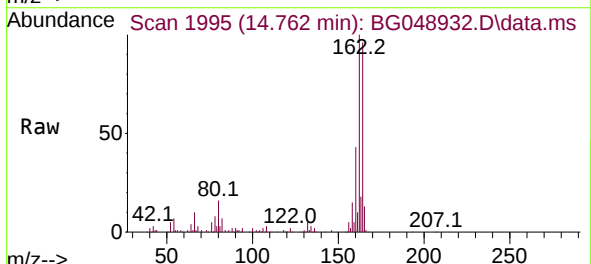
Instrument :
BNA_G
ClientSampleId :
PB137054TB

Tgt Ion:172	Resp:	693062
Ion Ratio	Lower	Upper
172	100	
171	35.1	28.6 43.0
170	24.3	18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 14.762 min Scan# 1995
Delta R.T. 0.430 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

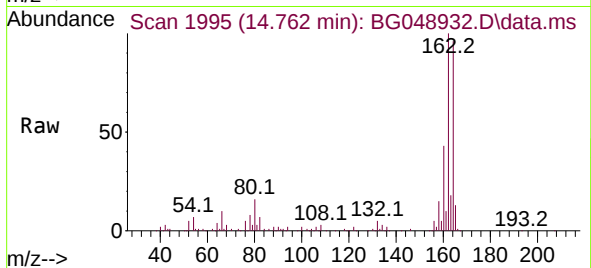
Tgt Ion:165	Resp:	15240
Ion Ratio	Lower	Upper
165	100	
63	3.2	63.3 94.9#
89	1.6	63.4 95.0#



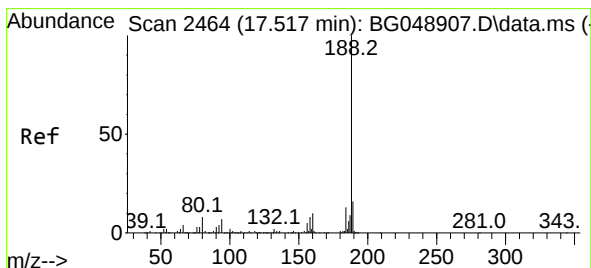
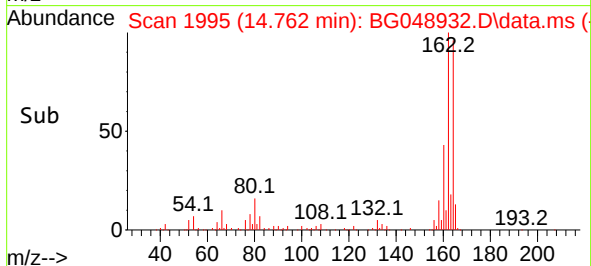
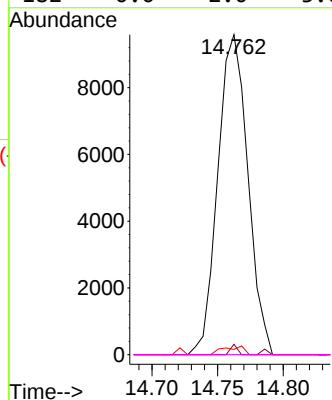


#57
2,4-Dinitrotoluene
Concen: 6.76 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.357 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

Instrument :
BNA_G
ClientSampleId :
PB137054TB

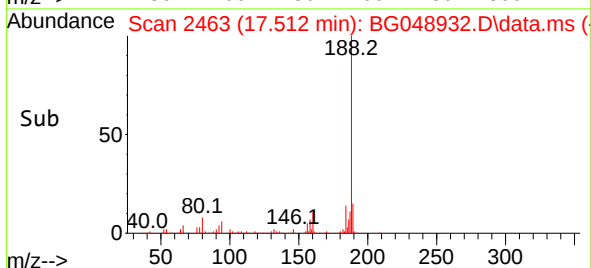
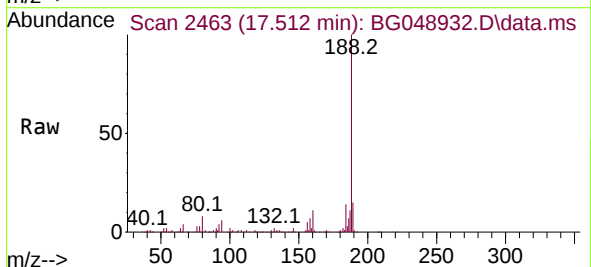
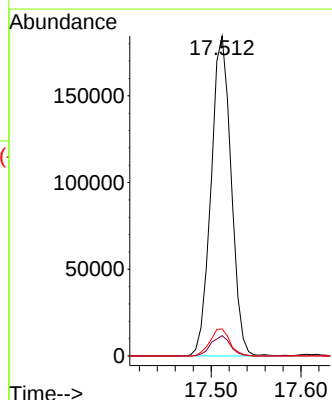


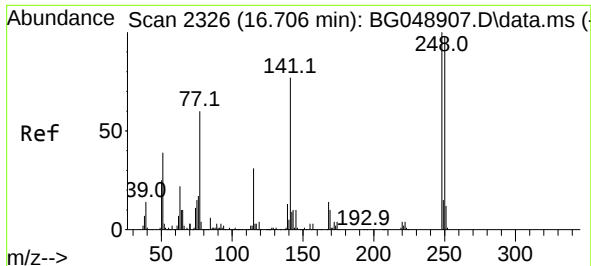
Tgt Ion:165 Resp: 15240
Ion Ratio Lower Upper
165 100
63 3.2 48.0 72.0#
89 1.6 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

Tgt Ion:188 Resp: 286518
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 8.5 3.7 5.5#

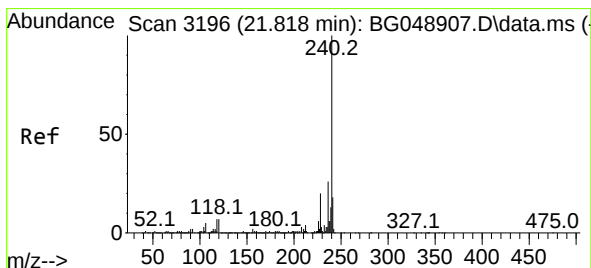
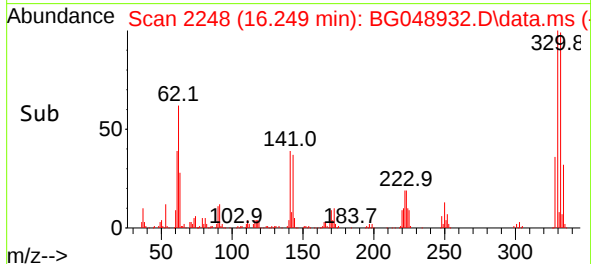
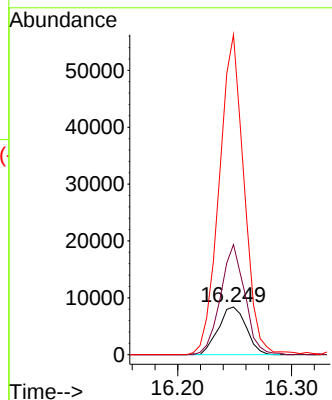
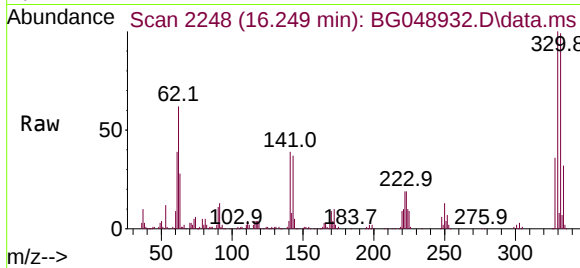




#67
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.457 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

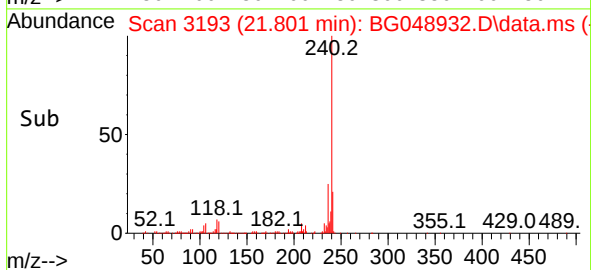
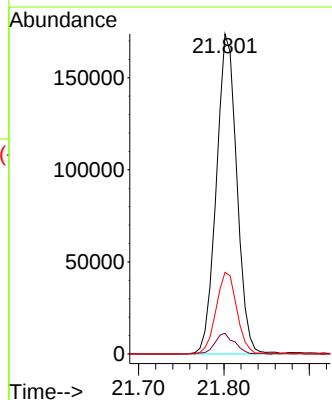
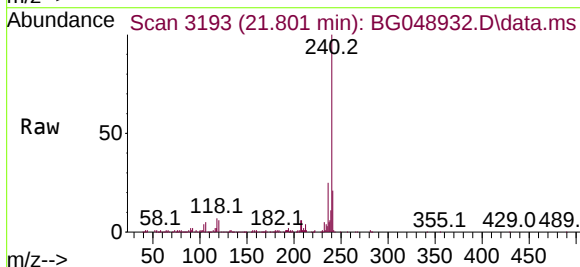
Instrument :
BNA_G
ClientSampled :
PB137054TB

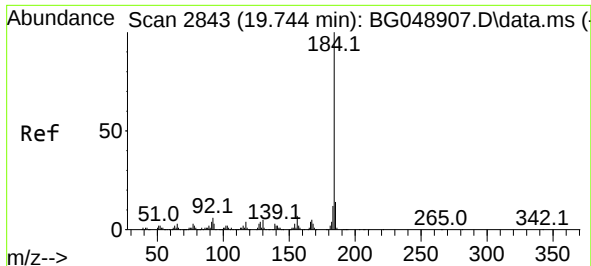
Tgt Ion:248 Resp: 14250
Ion Ratio Lower Upper
248 100
250 230.6 76.1 114.1#
141 670.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.801 min Scan# 3193
Delta R.T. -0.017 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

Tgt Ion:240 Resp: 289760
Ion Ratio Lower Upper
240 100
120 6.5 4.2 6.2#
236 25.5 21.8 32.6

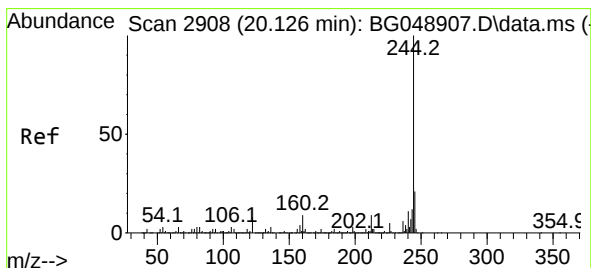
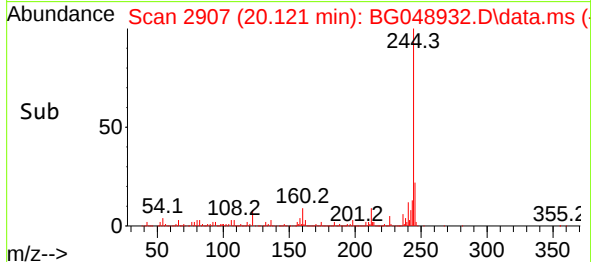
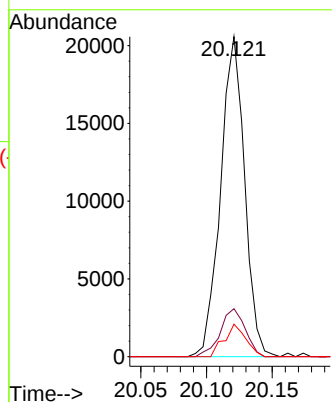
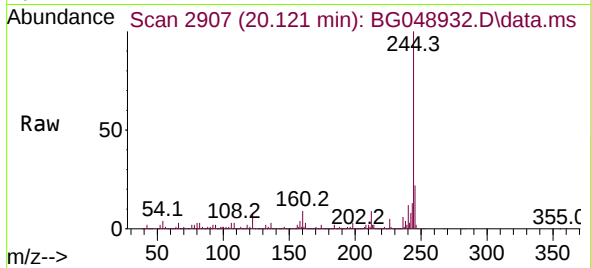




#77
Benzidine
Concen: 4.49 ng
RT: 20.121 min Scan# 2907
Delta R.T. 0.377 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

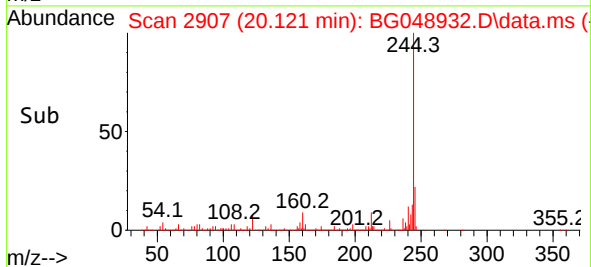
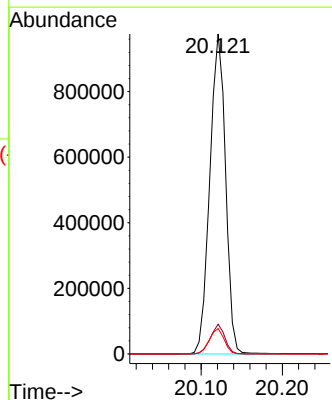
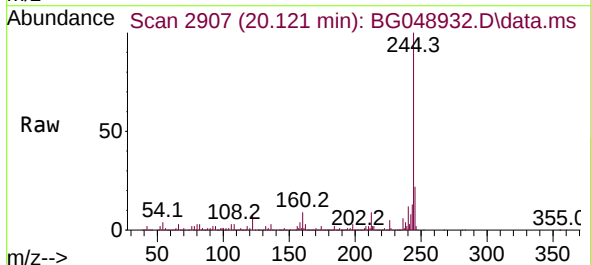
Instrument :
BNA_G
ClientSampleId :
PB137054TB

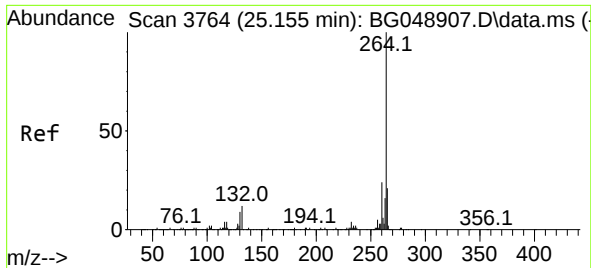
Tgt Ion:184 Resp: 26181
Ion Ratio Lower Upper
184 100
185 15.0 10.7 16.1
183 10.1 9.4 14.0



#79
Terphenyl-d14
Concen: 82.88 ng
RT: 20.121 min Scan# 2907
Delta R.T. -0.005 min
Lab File: BG048932.D
Acq: 13 Jun 2021 7:43

Tgt Ion:244 Resp: 1311281
Ion Ratio Lower Upper
244 100
212 9.3 6.9 10.3
122 8.0 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.144 min Scan# 3762
 Delta R.T. -0.011 min
 Lab File: BG048932.D
 Acq: 13 Jun 2021 7:43

Instrument :
 BNA_G
 ClientSampleId :
 PB137054TB

Tgt Ion:264 Resp: 290859
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 20.1 16.9 25.3

