

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
 Data File : BG048993.D
 Acq On : 16 Jun 2021 10:40
 Operator : CG/JU
 Sample : PB137134BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137134BL

Quant Time: Jun 16 12:05:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

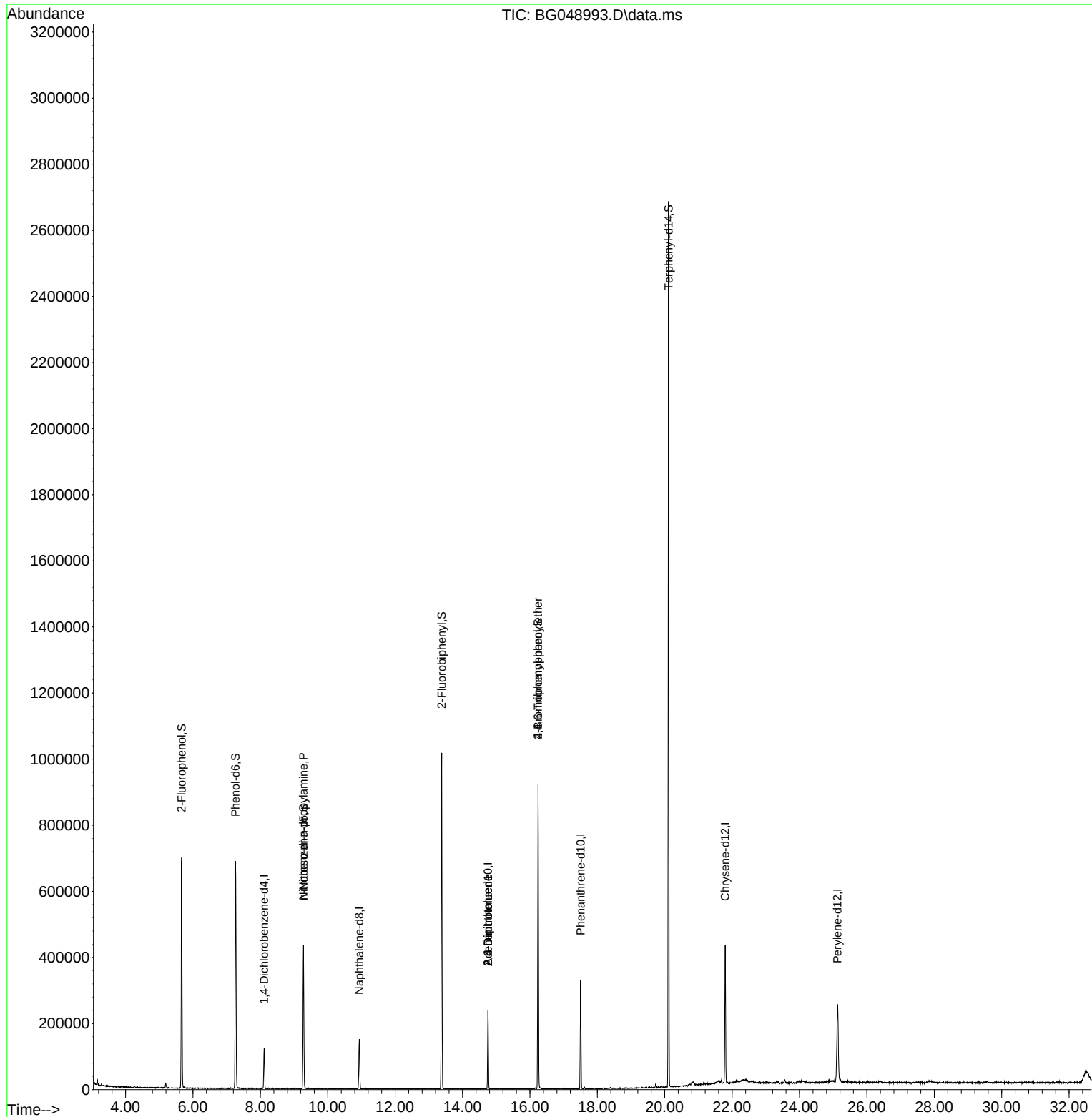
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	31808	20.000	ng	0.00
21) Naphthalene-d8	10.936	136	122333	20.000	ng	# 0.00
39) Acenaphthene-d10	14.755	164	88888	20.000	ng	0.00
64) Phenanthrene-d10	17.505	188	208080	20.000	ng	# 0.00
76) Chrysene-d12	21.794	240	262669	20.000	ng	0.00
86) Perylene-d12	25.126	264	265975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	272940	133.576	ng	0.00
7) Phenol-d6	7.264	99	351028	114.619	ng	0.00
23) Nitrobenzene-d5	9.279	82	252527	89.011	ng	0.00
42) 2,4,6-Tribromophenol	16.242	330	171655	130.345	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	523759	83.239	ng	0.00
79) Terphenyl-d14	20.114	244	1175678	81.972	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.279	70	38175	15.947	ng	# 72
51) 2,6-Dinitrotoluene	14.755	165	11742	8.327	ng	# 12
57) 2,4-Dinitrotoluene	14.755	165	11742	6.779	ng	# 17
67) 4-Bromophenyl-phenylether	16.242	248	11386	4.382	ng	# 1

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

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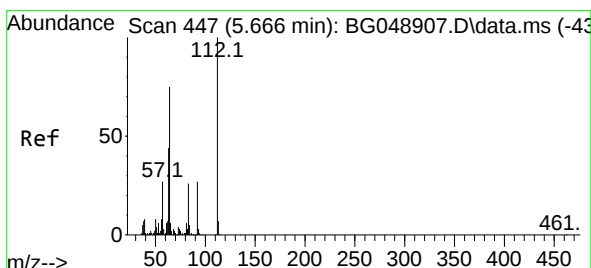
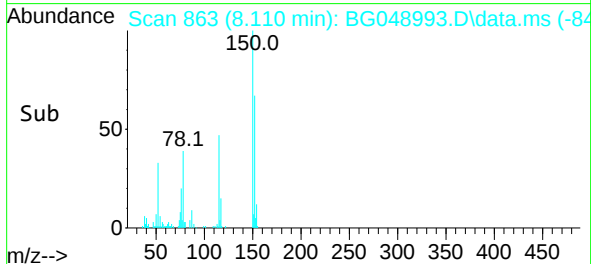
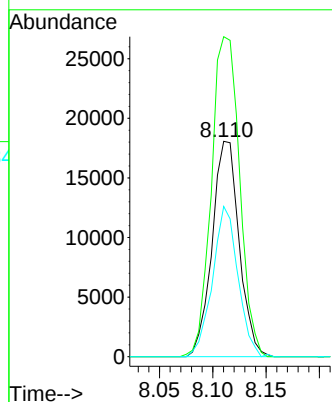
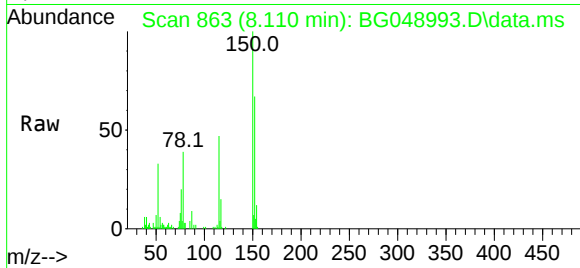




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 863
Delta R.T. -0.004 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

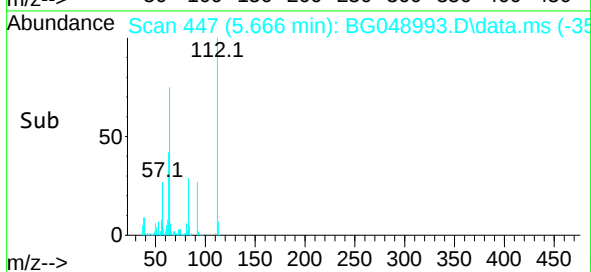
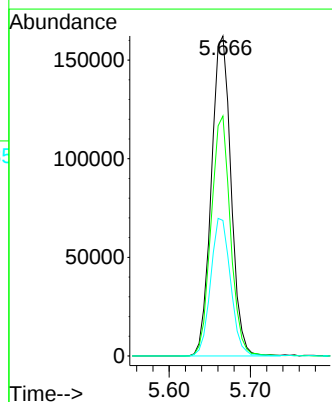
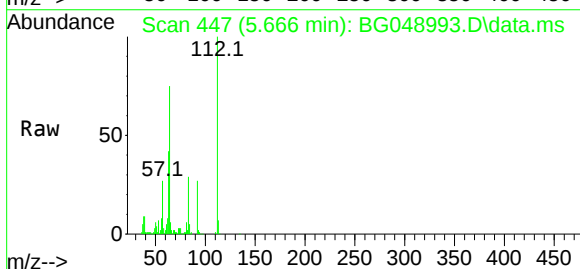
Instrument :
BNA_G
ClientSampleId :
PB137134BL

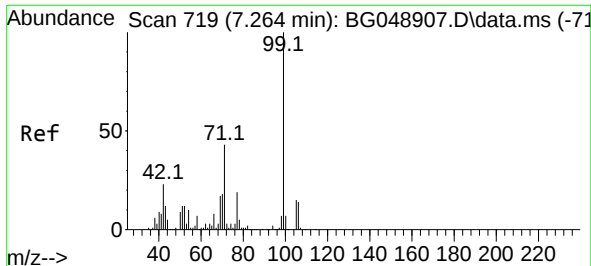
Tgt Ion:152 Resp: 31808
Ion Ratio Lower Upper
152 100
150 148.6 119.4 179.0
115 69.8 60.2 90.4



#5
2-Fluorophenol
Concen: 133.576 ng
RT: 5.666 min Scan# 447
Delta R.T. 0.003 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

Tgt Ion:112 Resp: 272940
Ion Ratio Lower Upper
112 100
64 75.0 46.7 70.1#
63 42.4 35.3 52.9

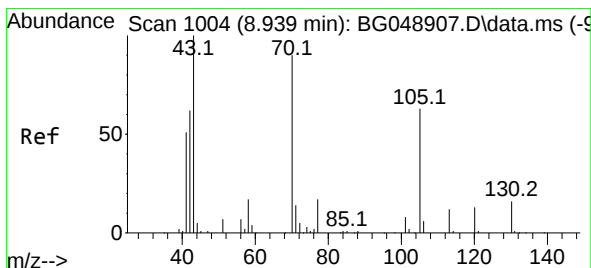
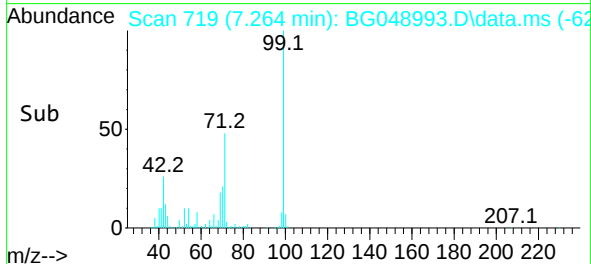
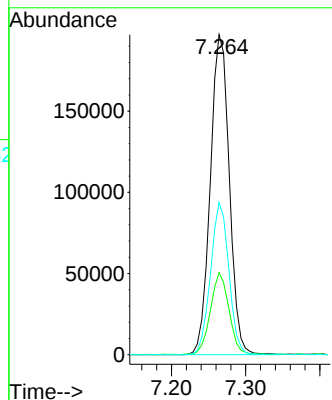
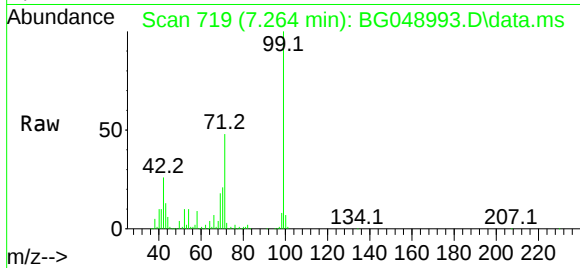




#7
Phenol-d6
Concen: 114.619 ng
RT: 7.264 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

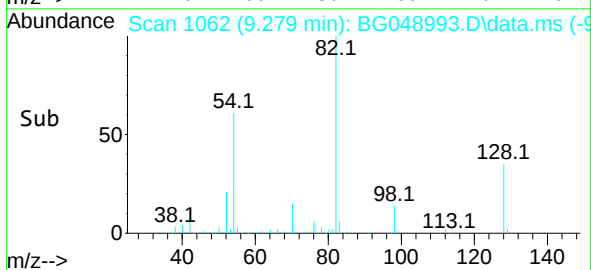
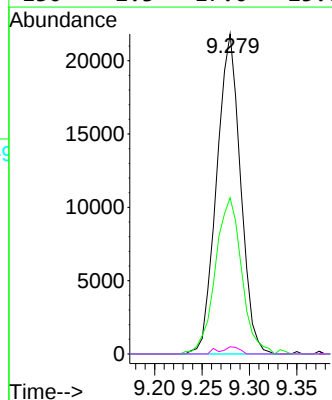
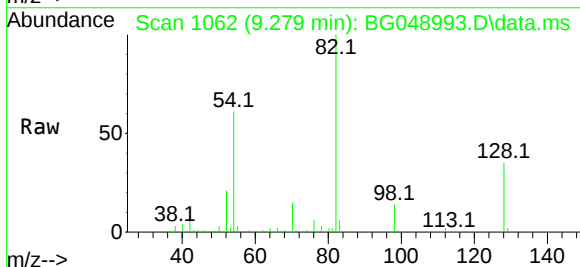
Instrument :
BNA_G
ClientSampleId :
PB137134BL

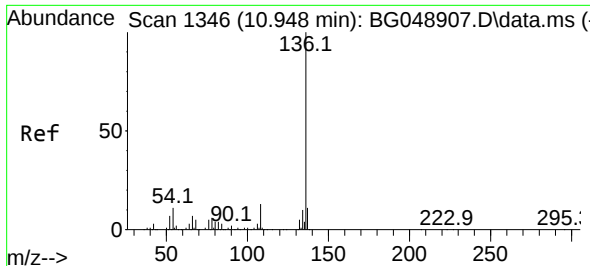
Tgt Ion:	99	Resp:	351028
Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.5	30.7
71	47.5	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.947 ng
RT: 9.279 min Scan# 1062
Delta R.T. 0.355 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

Tgt Ion:	70	Resp:	38175
Ion	Ratio	Lower	Upper
70	100		
42	48.8	54.5	81.7#
101	0.0	9.0	13.6#
130	2.3	17.0	25.6#

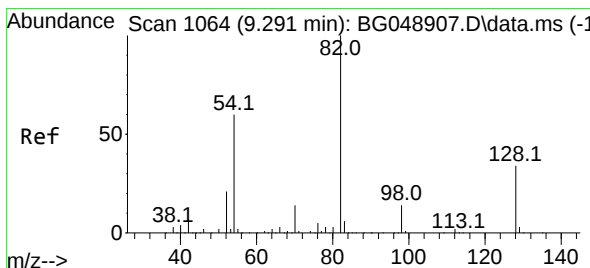
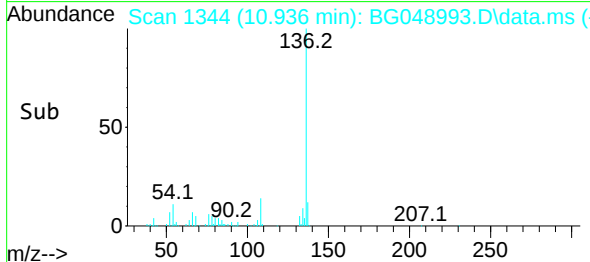
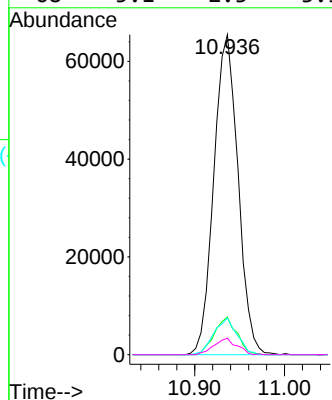
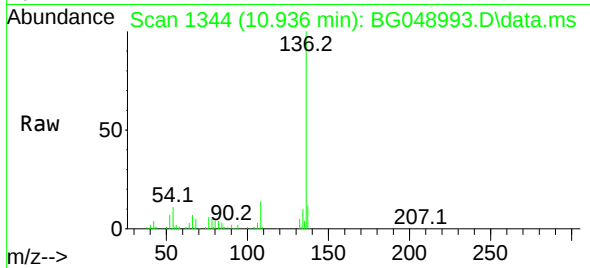




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

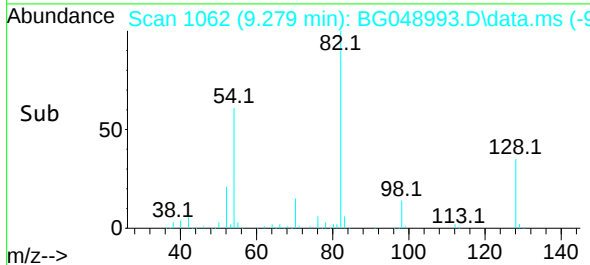
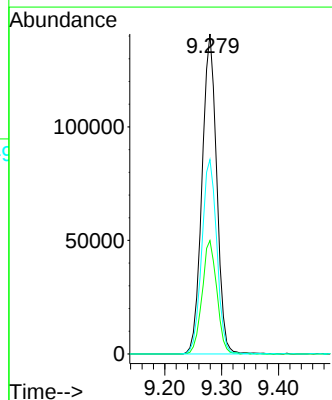
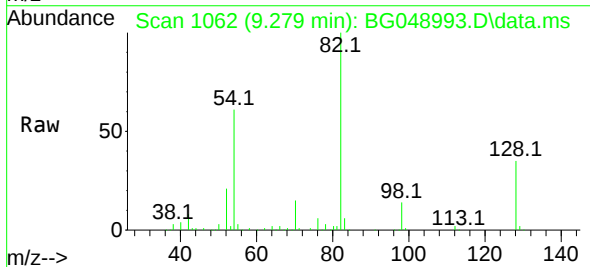
Instrument :
BNA_G
ClientSampleId :
PB137134BL

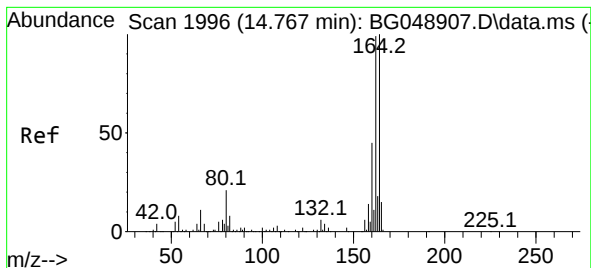
Tgt Ion:	136	Resp:	122333
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.2
54	11.4	5.5	8.3#
68	5.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 89.011 ng
RT: 9.279 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

Tgt Ion:	82	Resp:	252527
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.8	44.6
54	60.8	45.8	68.8

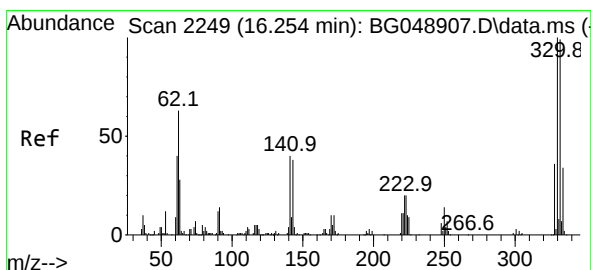
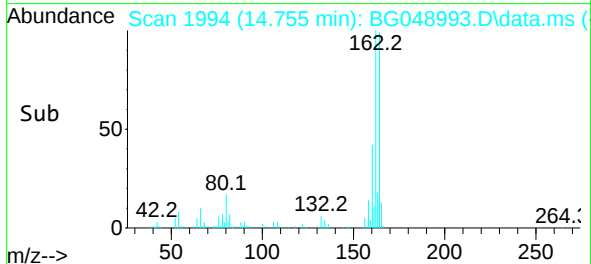
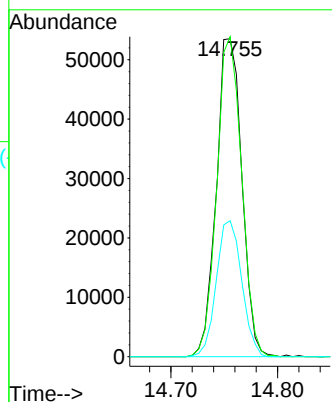
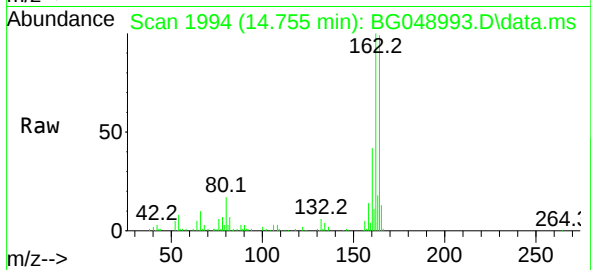




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.755 min Scan# 1994
Delta R.T. -0.003 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

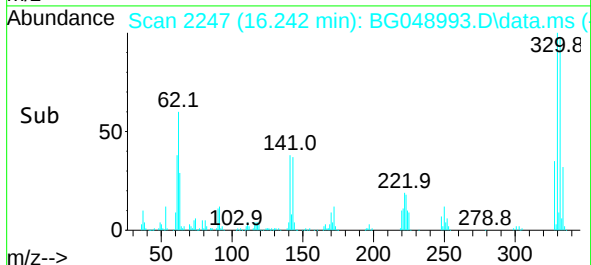
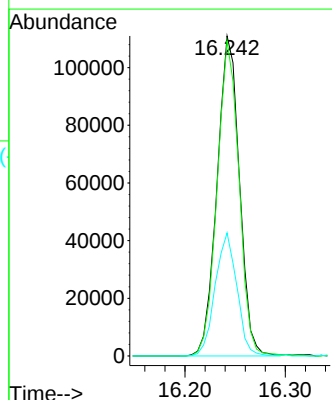
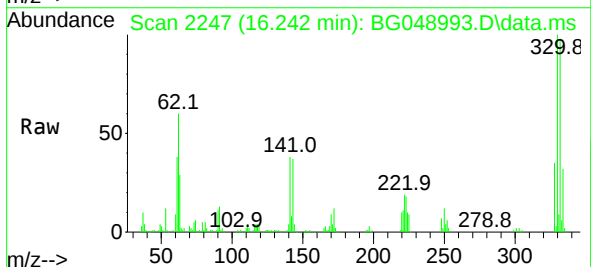
Instrument :
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ClientSampleId :
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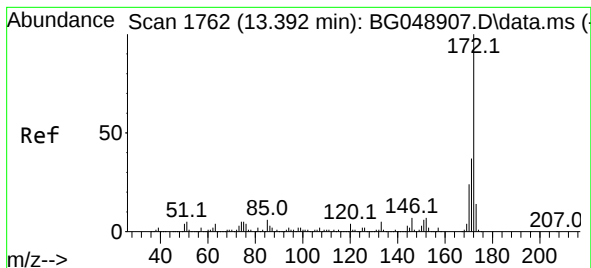
Tgt Ion:164 Resp: 88888
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 42.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 130.345 ng
RT: 16.242 min Scan# 2247
Delta R.T. -0.003 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

Tgt Ion:330 Resp: 171655
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 37.3 35.6 53.4

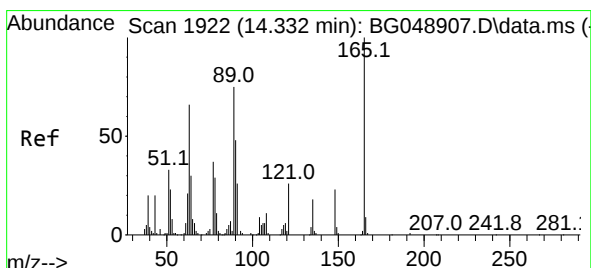
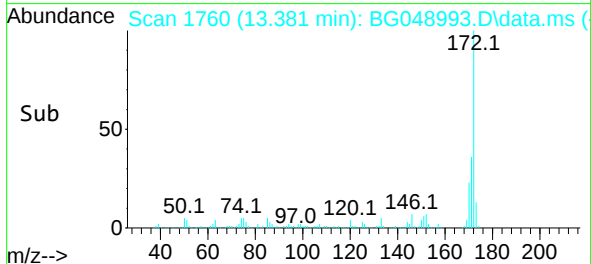
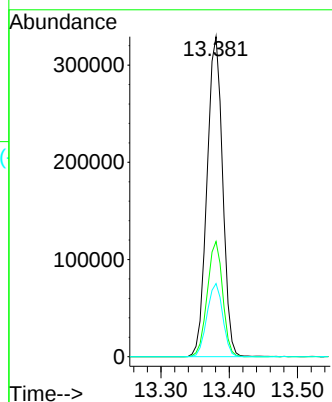
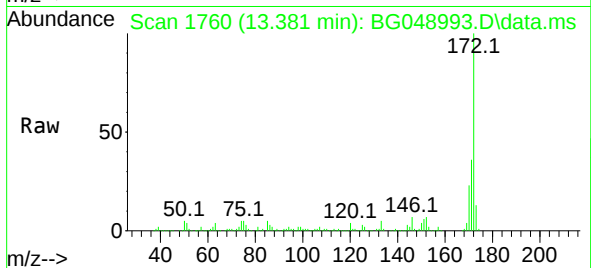




#45
2-Fluorobiphenyl
Concen: 83.239 ng
RT: 13.381 min Scan# 1760
Delta R.T. -0.003 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

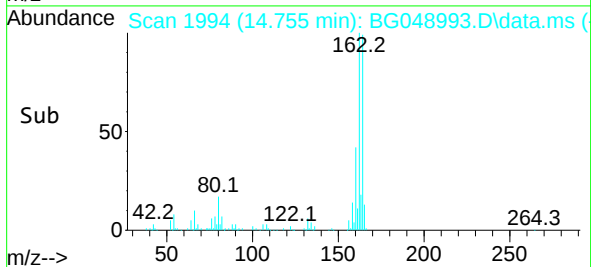
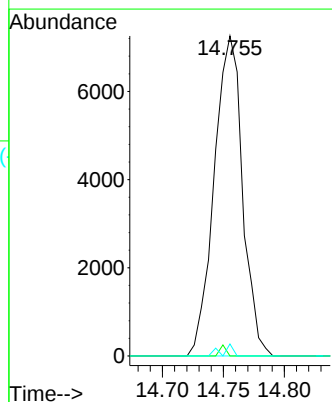
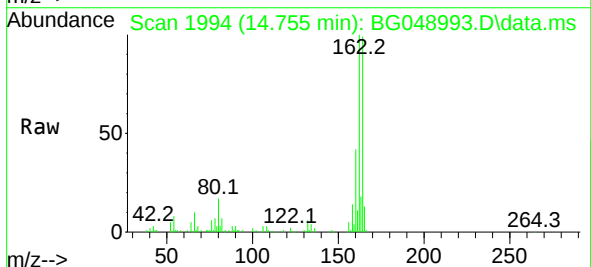
Instrument :
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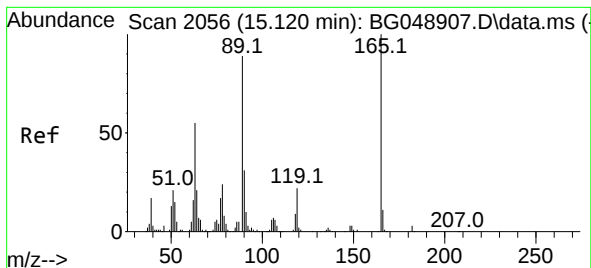
Tgt Ion:172 Resp: 523759
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 22.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.327 ng
RT: 14.755 min Scan# 1994
Delta R.T. 0.431 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

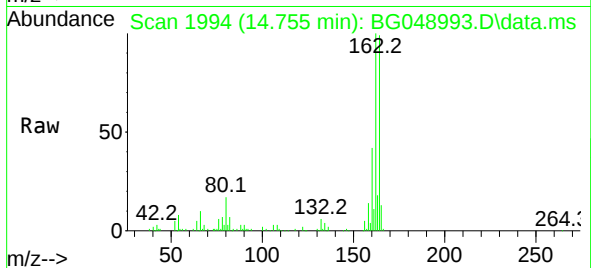
Tgt Ion:165 Resp: 11742
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.8 63.4 95.0#



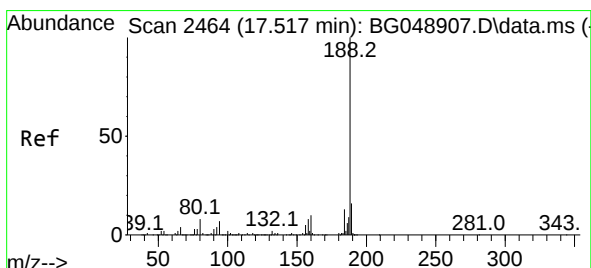
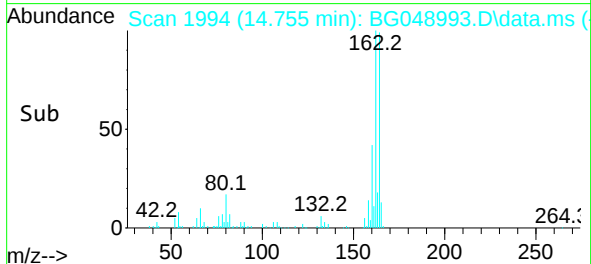
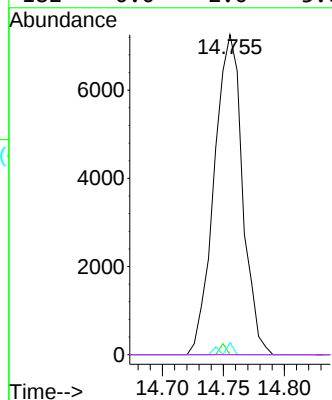


#57
2,4-Dinitrotoluene
Concen: 6.779 ng
RT: 14.755 min Scan# 1994
Delta R.T. -0.356 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

Instrument :
BNA_G
ClientSampleId :
PB137134BL

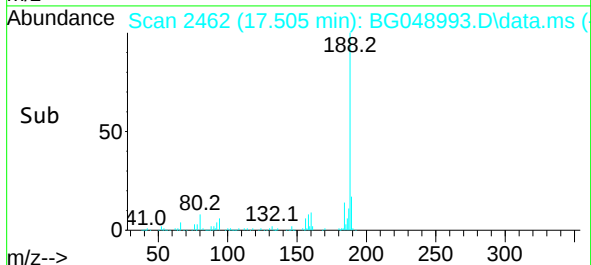
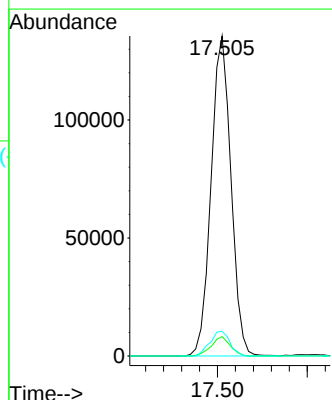
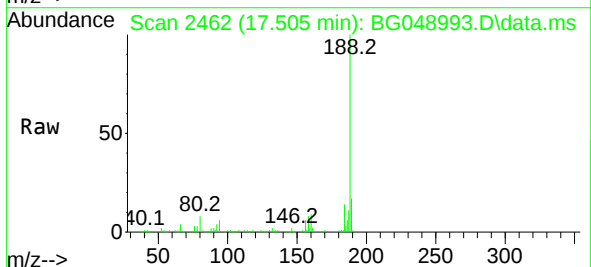


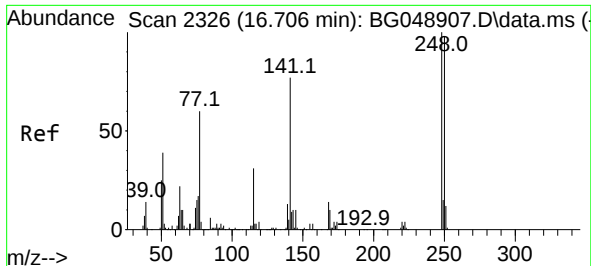
Tgt Ion:165 Resp: 11742
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.8 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.505 min Scan# 2462
Delta R.T. -0.003 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

Tgt Ion:188 Resp: 208080
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 7.7 3.7 5.5#

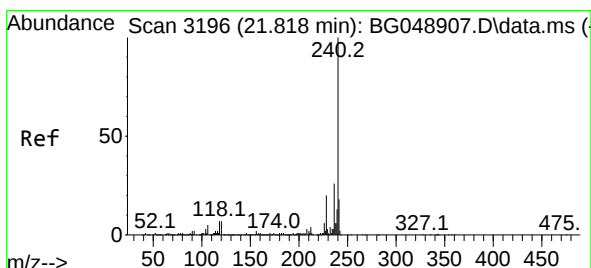
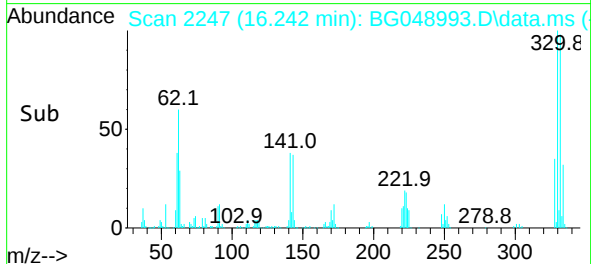
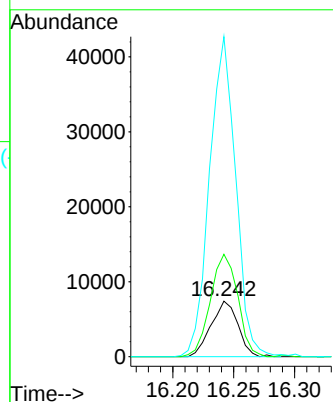
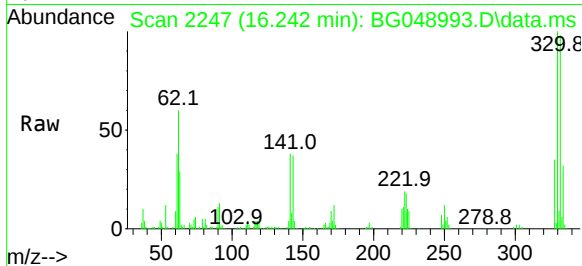




#67
4-Bromophenyl-phenylether
Concen: 4.382 ng
RT: 16.242 min Scan# 2247
Delta R.T. -0.450 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

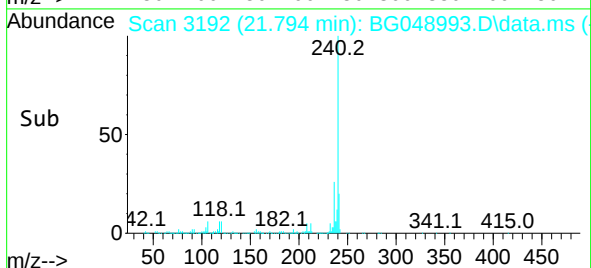
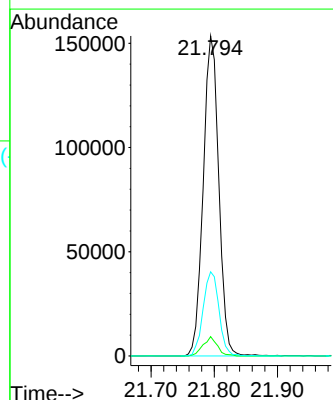
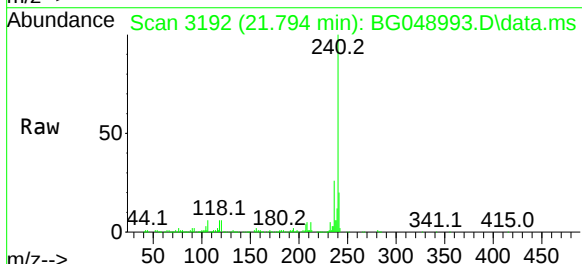
Instrument :
BNA_G
ClientSampled :
PB137134BL

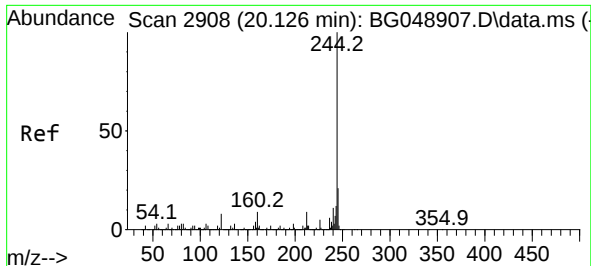
Tgt Ion:248 Resp: 11386
Ion Ratio Lower Upper
248 100
250 184.5 76.1 114.1#
141 576.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.794 min Scan# 3192
Delta R.T. -0.003 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

Tgt Ion:240 Resp: 262669
Ion Ratio Lower Upper
240 100
120 6.1 4.2 6.2
236 26.3 21.8 32.6

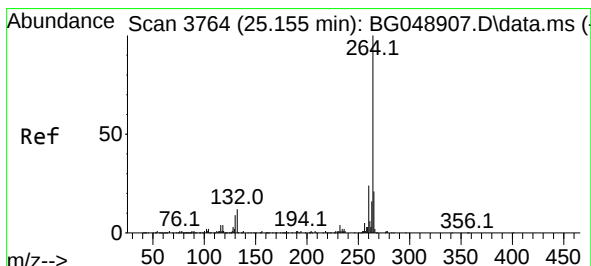
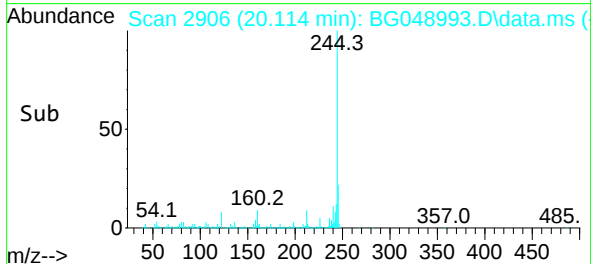
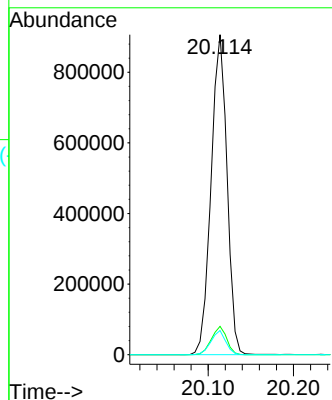
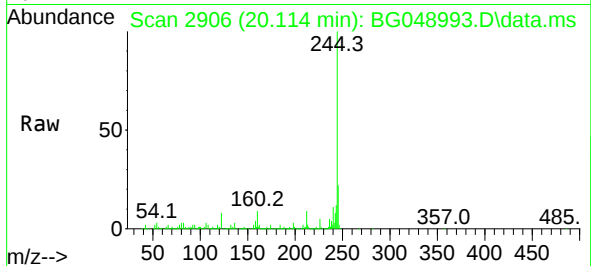




#79
Terphenyl-d14
Concen: 81.972 ng
RT: 20.114 min Scan# 2906
Delta R.T. 0.003 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

Instrument :
BNA_G
ClientSampleId :
PB137134BL

Tgt Ion:244 Resp: 1175678
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 7.6 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.126 min Scan# 3759
Delta R.T. -0.003 min
Lab File: BG048993.D
Acq: 16 Jun 2021 10:40

Tgt Ion:264 Resp: 265975
Ion Ratio Lower Upper
264 100
260 20.7 19.4 29.2
265 21.4 16.9 25.3

