

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
 Data File : BG049005.D
 Acq On : 16 Jun 2021 20:00
 Operator : CG/JU
 Sample : M2672-30
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(44-48)

Quant Time: Jun 17 03:32:06 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)

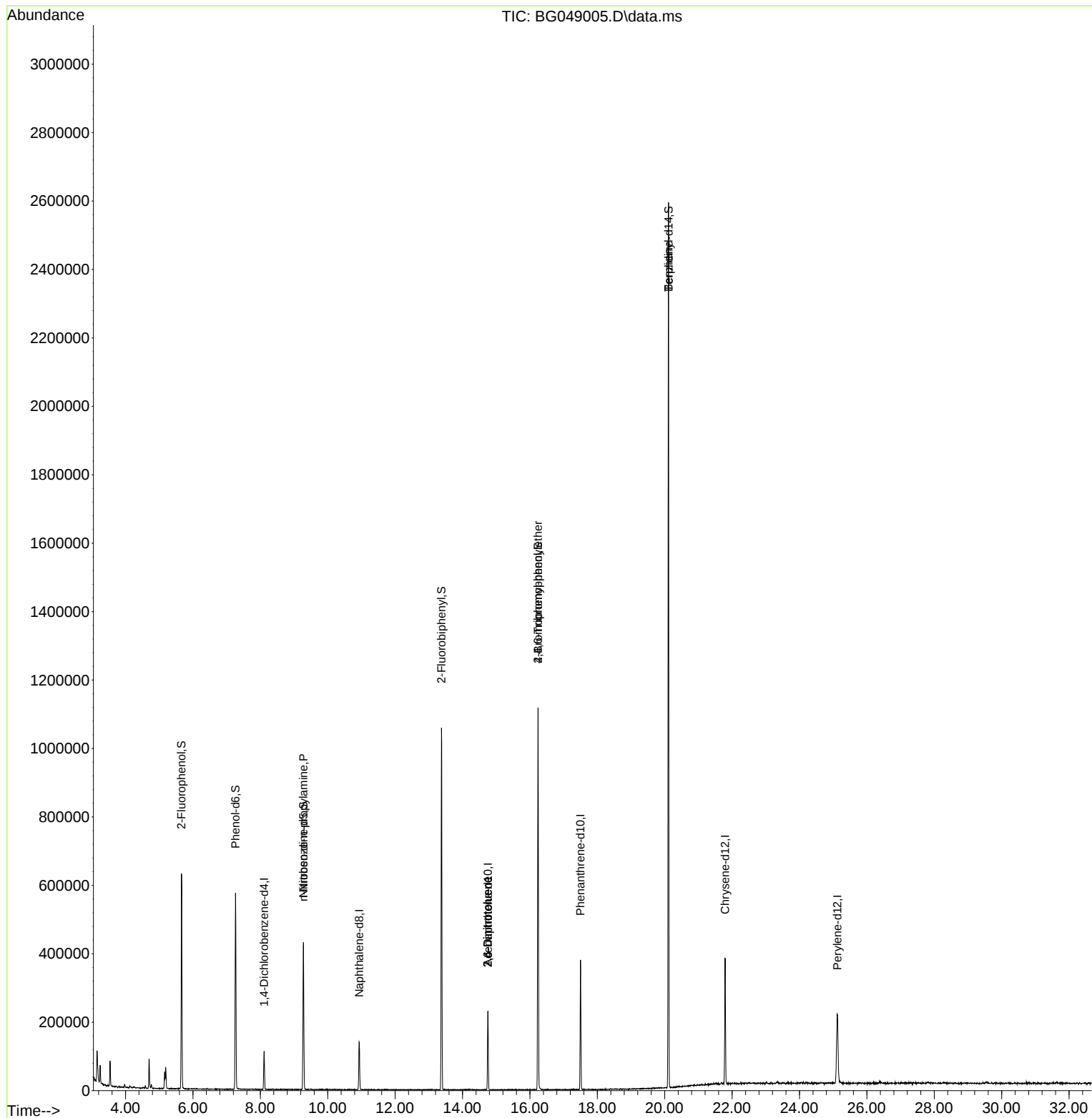
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	27084	20.00	ng	0.00
21) Naphthalene-d8	10.931	136	112021	20.00	ng	# 0.00
39) Acenaphthene-d10	14.756	164	85742	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	236716	20.00	ng	# 0.00
76) Chrysene-d12	21.795	240	240737	20.00	ng	# 0.00
86) Perylene-d12	25.121	264	243406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	234218	134.62	ng	0.00
7) Phenol-d6	7.265	99	284430	109.07	ng	0.00
23) Nitrobenzene-d5	9.280	82	251059	96.64	ng	0.00
42) 2,4,6-Tribromophenol	16.243	330	207969	163.71	ng	0.00
45) 2-Fluorobiphenyl	13.376	172	532217	87.69	ng	0.00
79) Terphenyl-d14	20.115	244	1216796	92.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.275	70	36754	18.03	ng	# 72
51) 2,6-Dinitrotoluene	14.750	165	11383	8.37	ng	# 13
57) 2,4-Dinitrotoluene	14.750	165	11383	6.81	ng	# 18
67) 4-Bromophenyl-phenylether	16.243	248	14106	4.77	ng	# 1
77) Benzidine	20.115	184	23684	4.88	ng	# 86

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
Data File : BG049005.D
Acq On : 16 Jun 2021 20:00
Operator : CG/JU
Sample : M2672-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
17-B6(44-48)

Quant Time: Jun 17 03:32:06 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

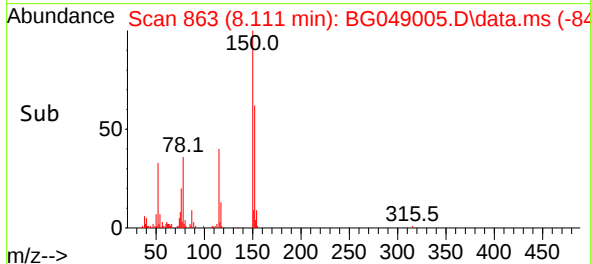
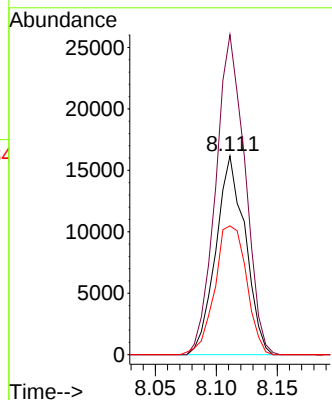
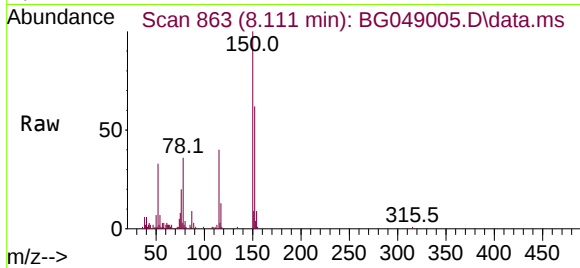




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

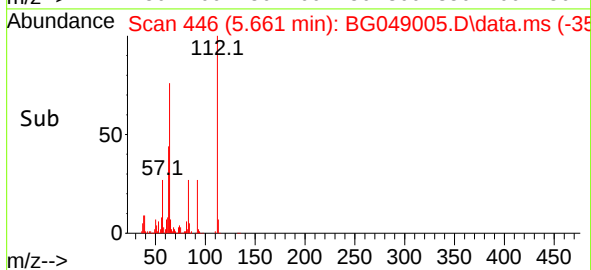
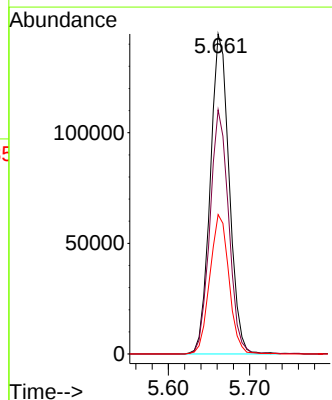
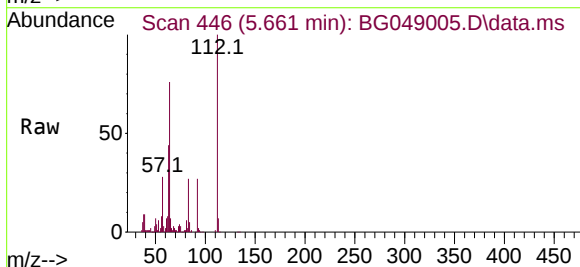
Instrument :
BNA_G
ClientSampleId :
17-B6(44-48)

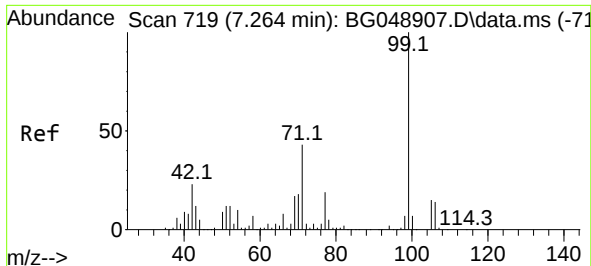
Tgt Ion:152 Resp: 27084
Ion Ratio Lower Upper
152 100
150 161.0 119.4 179.0
115 64.8 60.2 90.4



#5
2-Fluorophenol
Concen: 134.62 ng
RT: 5.661 min Scan# 446
Delta R.T. -0.002 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

Tgt Ion:112 Resp: 234218
Ion Ratio Lower Upper
112 100
64 76.3 46.7 70.1#
63 43.6 35.3 52.9

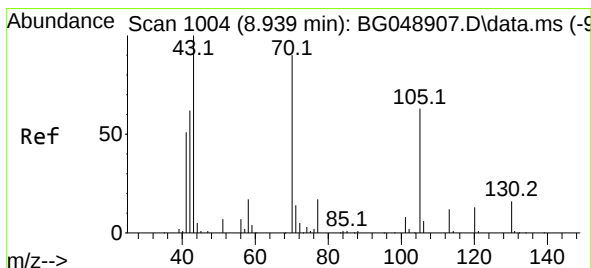
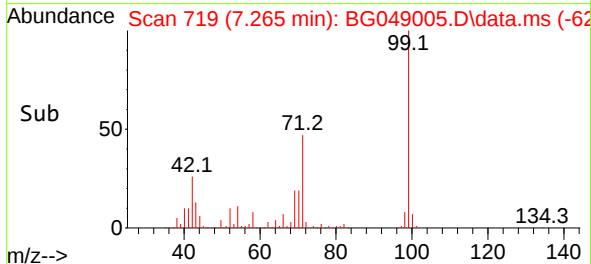
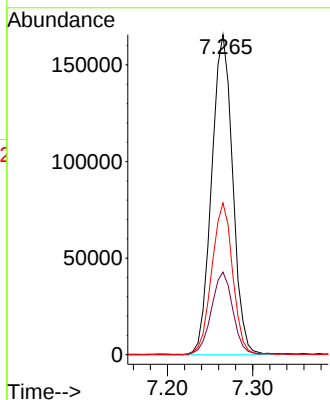
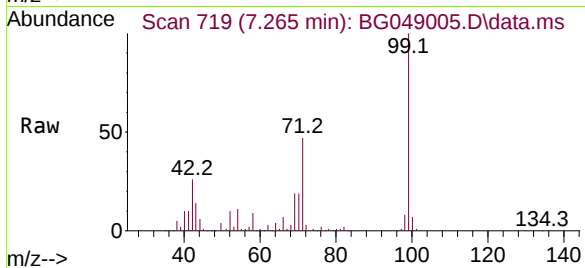




#7
Phenol-d6
Concen: 109.07 ng
RT: 7.265 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

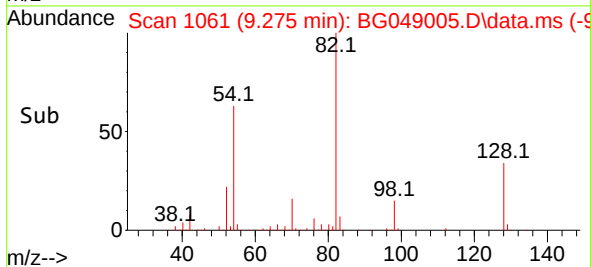
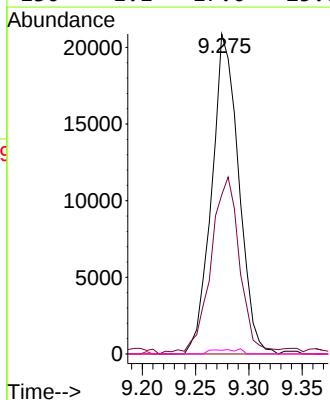
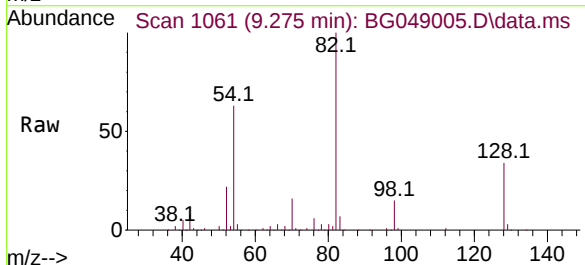
Instrument :
BNA_G
ClientSampleId :
17-B6(44-48)

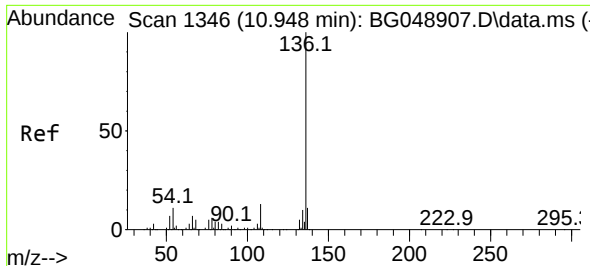
Tgt Ion: 99 Resp: 284430
Ion Ratio Lower Upper
99 100
42 25.8 20.5 30.7
71 47.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.03 ng
RT: 9.275 min Scan# 1061
Delta R.T. 0.350 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

Tgt Ion: 70 Resp: 36754
Ion Ratio Lower Upper
70 100
42 49.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.1 17.0 25.6#

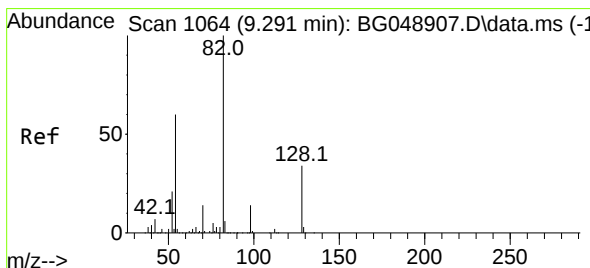
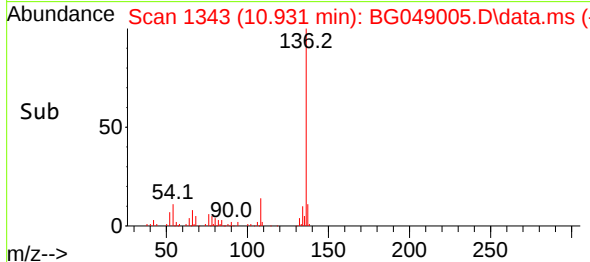
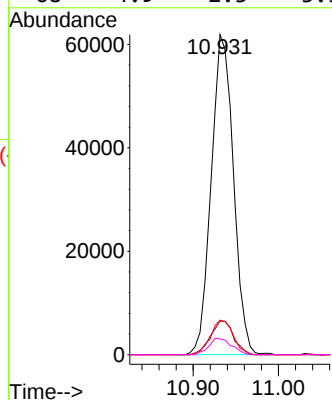
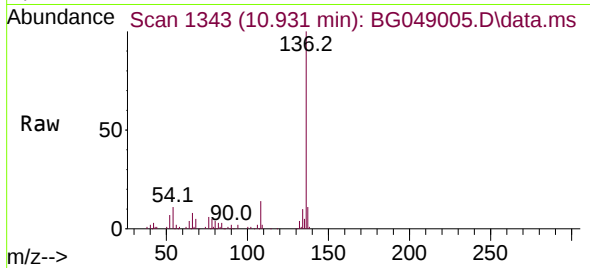




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.931 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

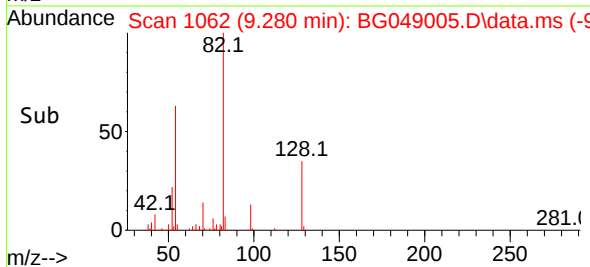
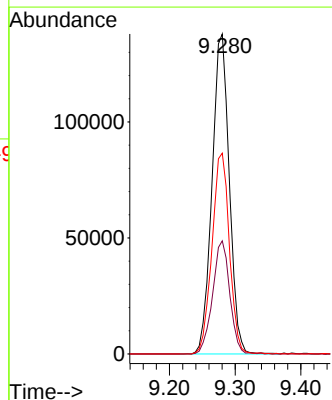
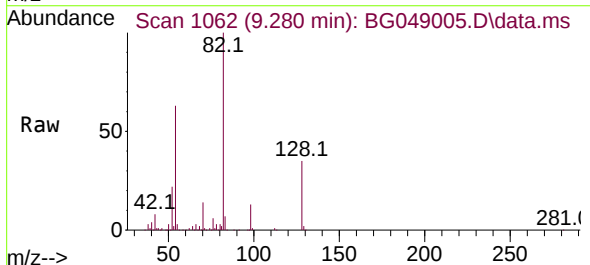
Instrument :
BNA_G
ClientSampleId :
17-B6(44-48)

Tgt Ion:136	Resp:	112021
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.2 12.2
54	10.8	5.5 8.3#
68	4.9	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 96.64 ng
RT: 9.280 min Scan# 1062
Delta R.T. -0.002 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

Tgt Ion: 82	Resp:	251059
Ion Ratio	Lower	Upper
82	100	
128	35.3	29.8 44.6
54	62.7	45.8 68.8

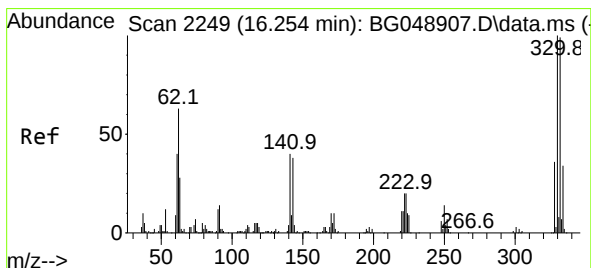
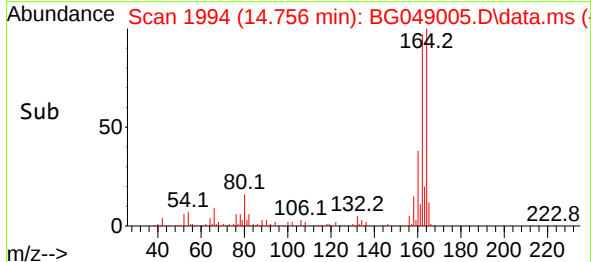
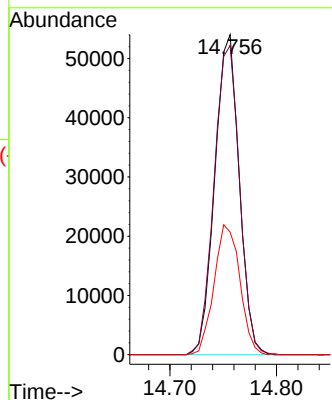
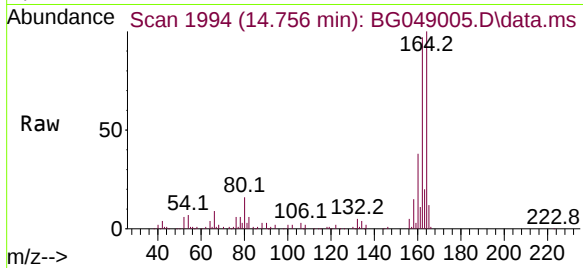




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.002 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

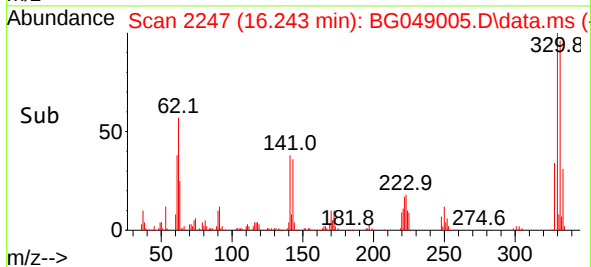
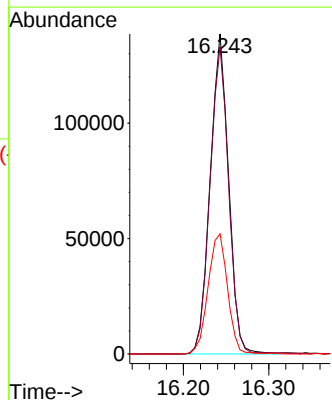
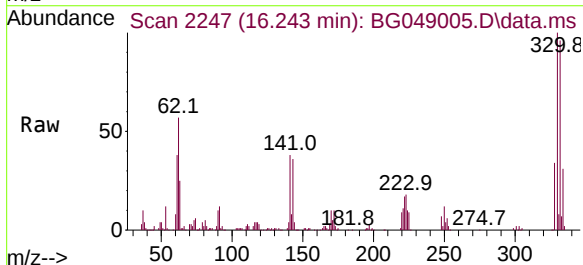
Instrument :
BNA_G
ClientSampleId :
17-B6(44-48)

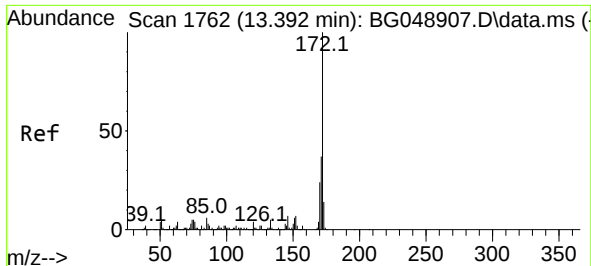
Tgt Ion:164 Resp: 85742
Ion Ratio Lower Upper
164 100
162 96.7 81.4 122.0
160 38.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 163.71 ng
RT: 16.243 min Scan# 2247
Delta R.T. -0.002 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

Tgt Ion:330 Resp: 207969
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 39.7 35.6 53.4

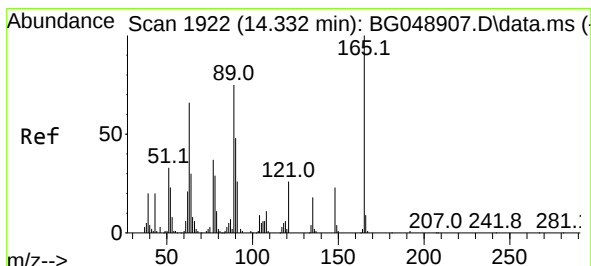
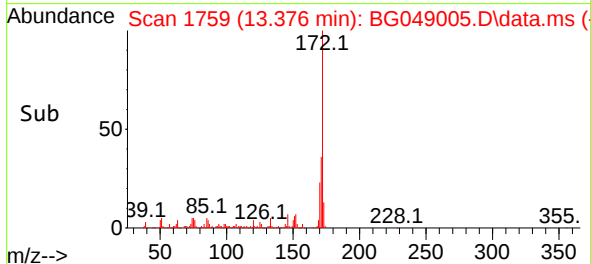
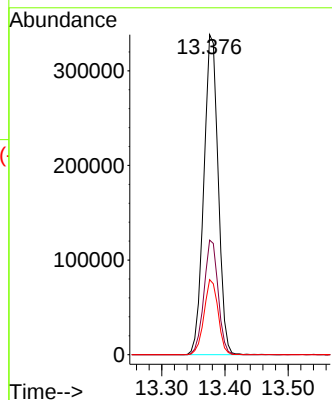
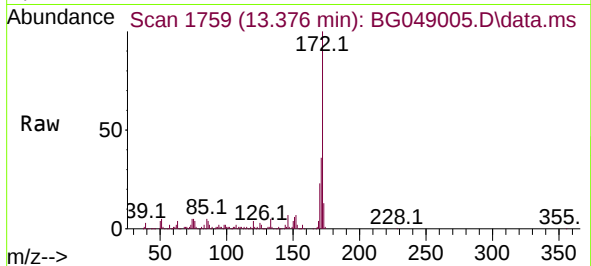




#45
2-Fluorobiphenyl
Concen: 87.69 ng
RT: 13.376 min Scan# 1759
Delta R.T. -0.008 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

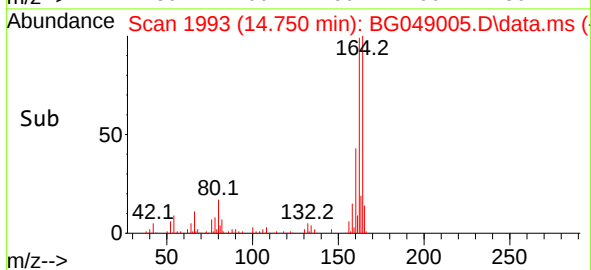
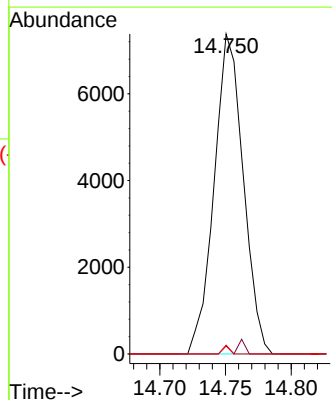
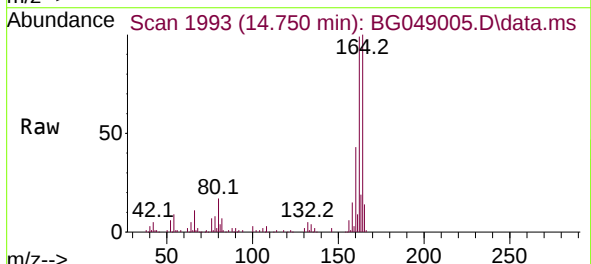
Instrument :
BNA_G
ClientSampleId :
17-B6(44-48)

Tgt Ion:172 Resp: 532217
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.37 ng
RT: 14.750 min Scan# 1993
Delta R.T. 0.427 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

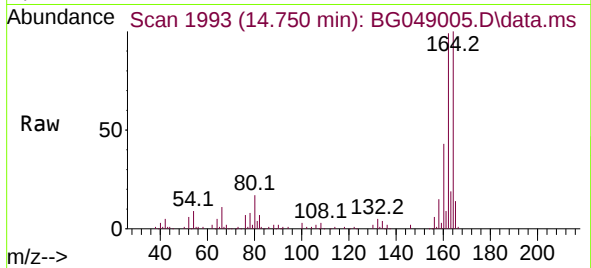
Tgt Ion:165 Resp: 11383
Ion Ratio Lower Upper
165 100
63 2.5 63.3 94.9#
89 2.8 63.4 95.0#



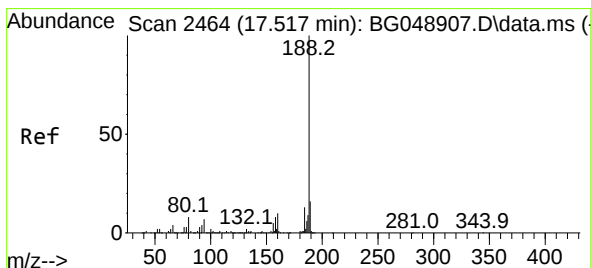
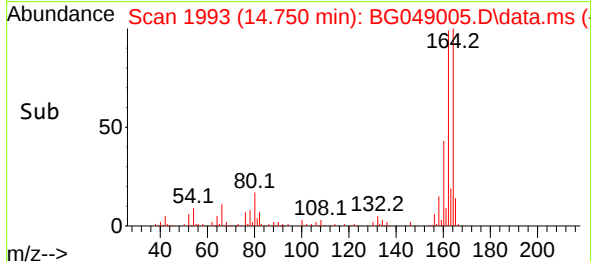
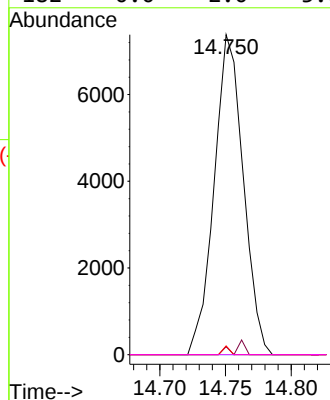


#57
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.361 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

Instrument :
BNA_G
ClientSampleId :
17-B6(44-48)

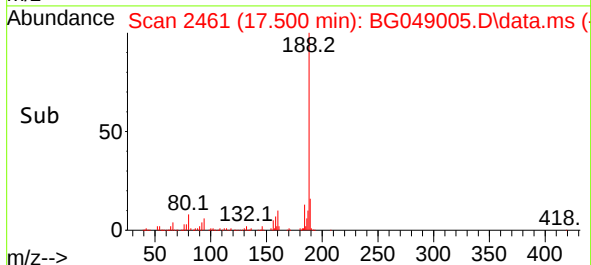
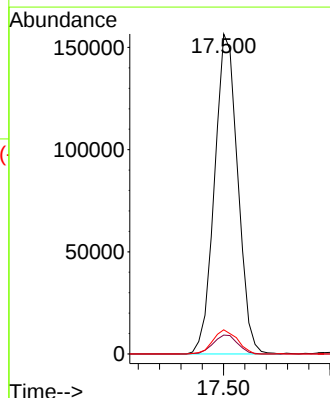
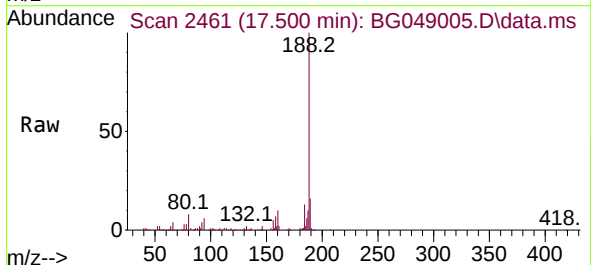


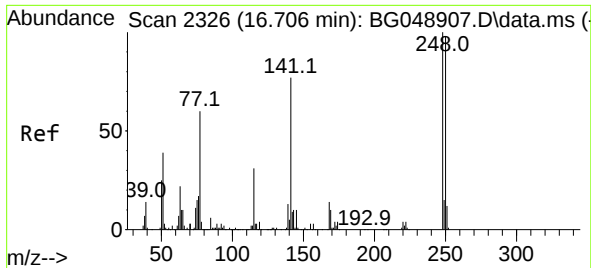
Tgt Ion:165 Resp: 11383
Ion Ratio Lower Upper
165 100
63 2.5 48.0 72.0#
89 2.8 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2461
Delta R.T. -0.008 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

Tgt Ion:188 Resp: 236716
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 7.6 3.7 5.5#

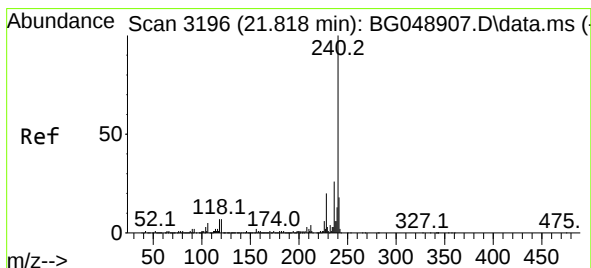
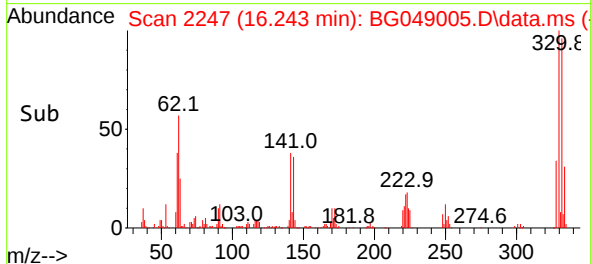
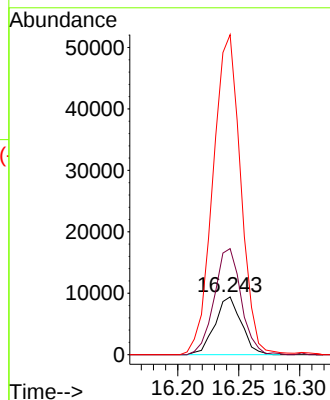
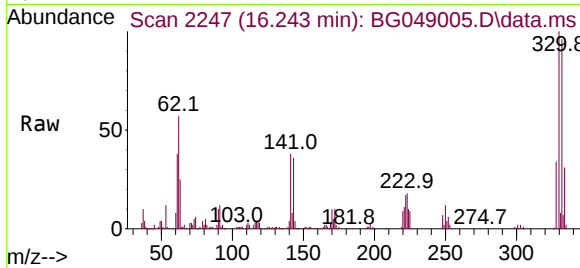




#67
4-Bromophenyl-phenylether
Concen: 4.77 ng
RT: 16.243 min Scan# 2247
Delta R.T. -0.449 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

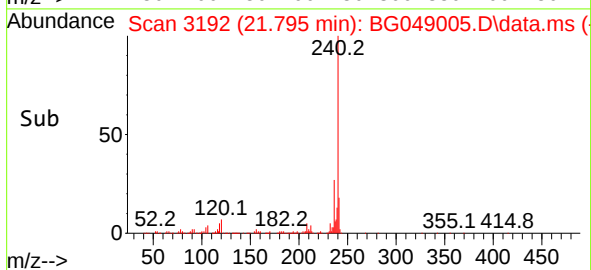
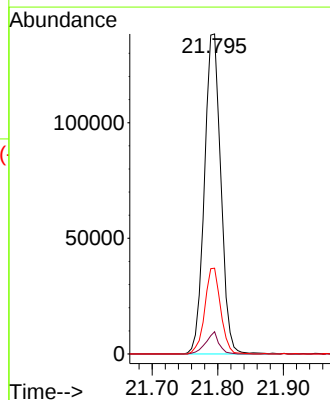
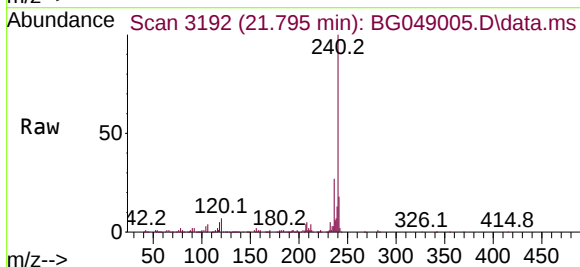
Instrument :
BNA_G
ClientSampleId :
17-B6(44-48)

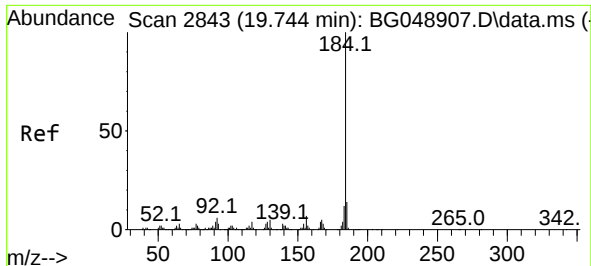
Tgt Ion:248 Resp: 14106
Ion Ratio Lower Upper
248 100
250 183.8 76.1 114.1#
141 554.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3192
Delta R.T. -0.002 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

Tgt Ion:240 Resp: 240737
Ion Ratio Lower Upper
240 100
120 7.0 4.2 6.2#
236 26.8 21.8 32.6

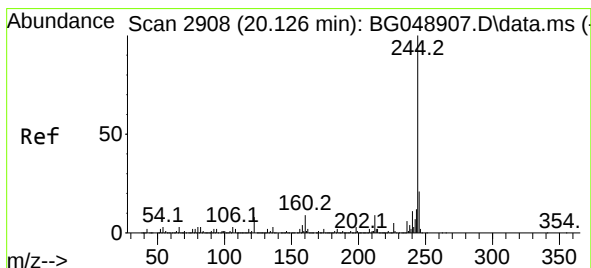
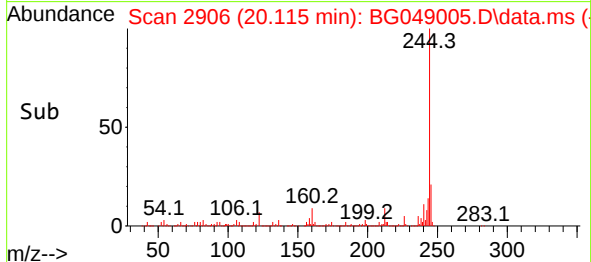
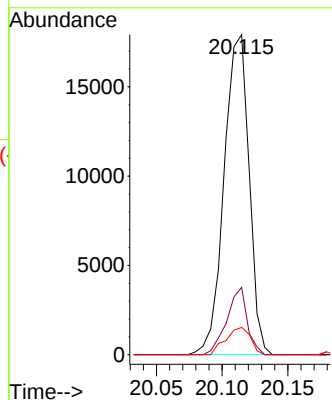
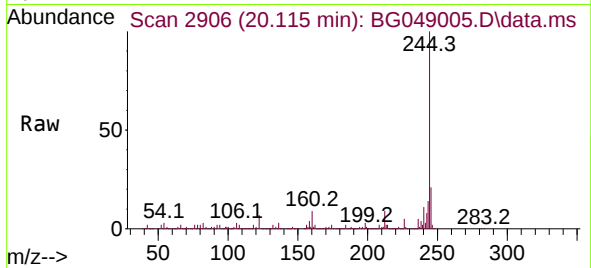




#77
Benzidine
Concen: 4.88 ng
RT: 20.115 min Scan# 2906
Delta R.T. 0.385 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

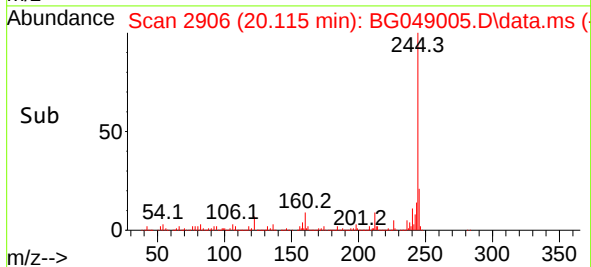
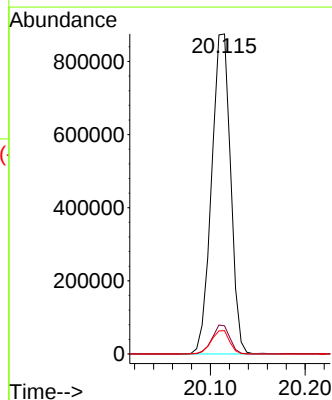
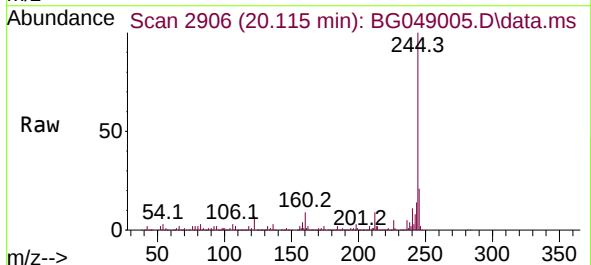
Instrument :
BNA_G
ClientSampleId :
17-B6(44-48)

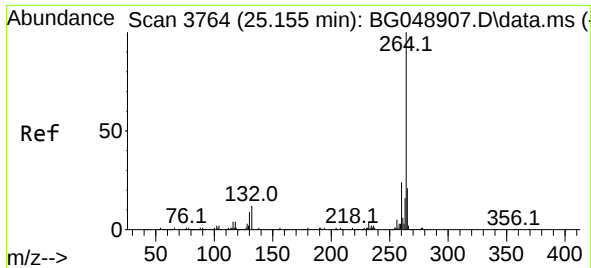
Tgt Ion:184 Resp: 23684
Ion Ratio Lower Upper
184 100
185 21.0 10.7 16.1#
183 8.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 92.57 ng
RT: 20.115 min Scan# 2906
Delta R.T. 0.004 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

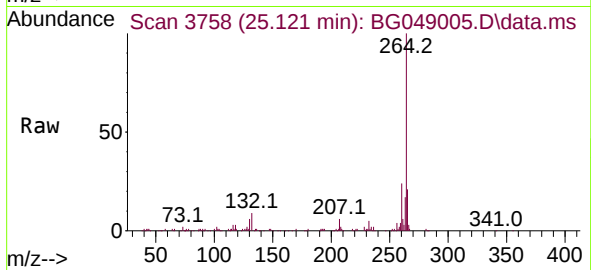
Tgt Ion:244 Resp: 1216796
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 7.3 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.121 min Scan# 3758
Delta R.T. -0.008 min
Lab File: BG049005.D
Acq: 16 Jun 2021 20:00

Instrument :
BNA_G
ClientSampleId :
17-B6(44-48)



Tgt Ion:264	Resp:	243406
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.4 29.2
265	20.9	16.9 25.3

