

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048948.D
 Acq On : 14 Jun 2021 14:03
 Operator : CG/JU
 Sample : M2678-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0246-AMND-COMP-K(CL-16)

Quant Time: Jun 14 14:41:34 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)

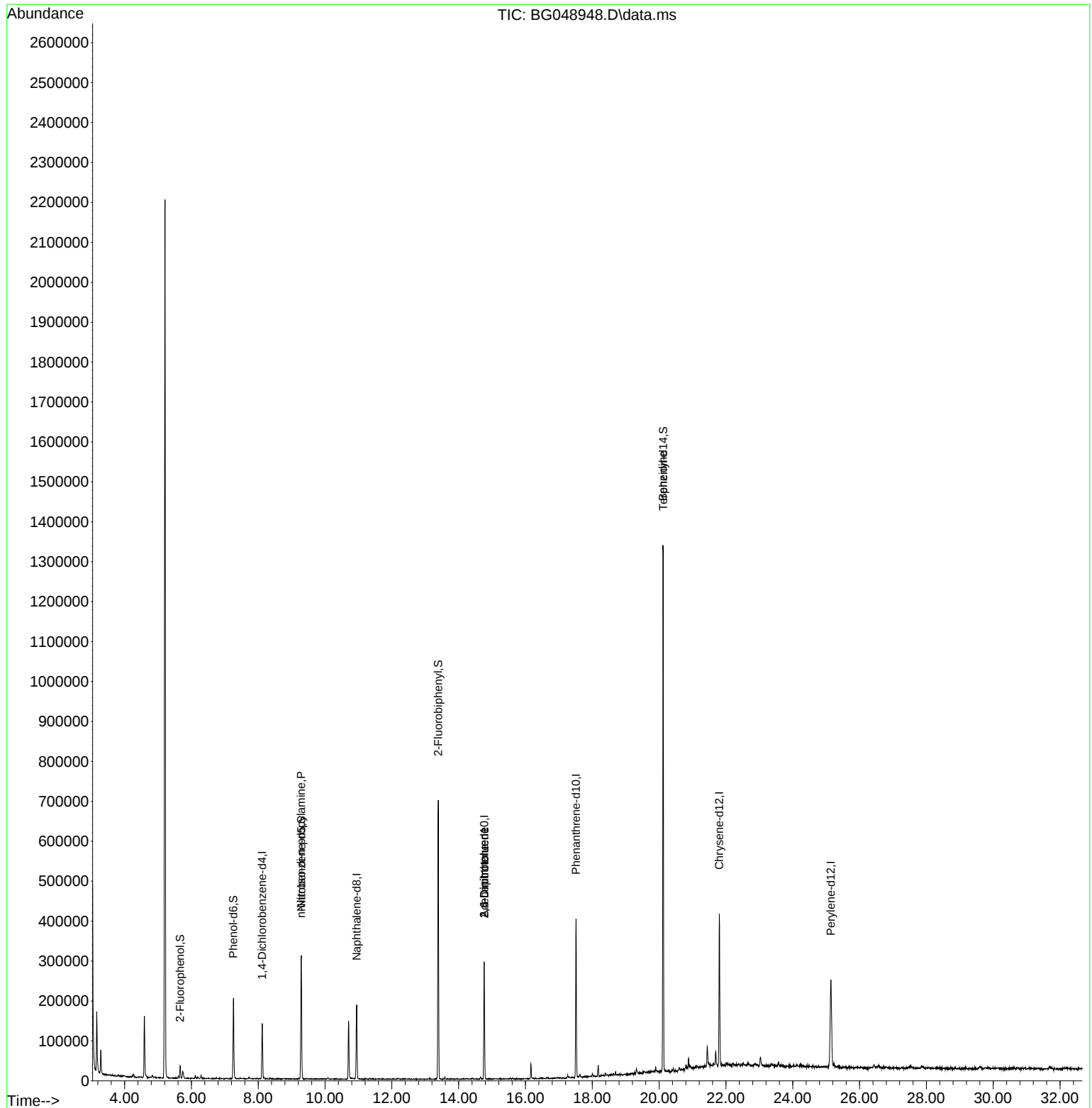
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	35613	20.000	ng	0.00
21) Naphthalene-d8	10.945	136	145260	20.000	ng	# 0.00
39) Acenaphthene-d10	14.764	164	106453	20.000	ng	0.00
64) Phenanthrene-d10	17.514	188	245448	20.000	ng	# 0.00
76) Chrysene-d12	21.803	240	239752	20.000	ng	-0.01
86) Perylene-d12	25.141	264	246397	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	11903	5.203	ng	0.00
7) Phenol-d6	7.256	99	102254	29.821	ng	0.00
23) Nitrobenzene-d5	9.289	82	182735	54.244	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	397	0.252	ng	0.00
45) 2-Fluorobiphenyl	13.390	172	358133	47.525	ng	0.00
79) Terphenyl-d14	20.123	244	633423	48.386	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.283	70	26895	10.035	ng	# 73
51) 2,6-Dinitrotoluene	14.764	165	14257	8.443	ng	# 12
57) 2,4-Dinitrotoluene	14.764	165	14257	6.873	ng	# 18
77) Benzidine	20.117	184	11834	2.450	ng	# 92

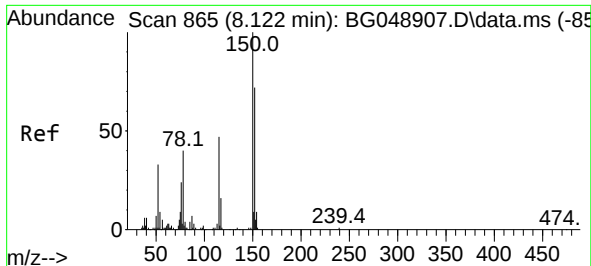
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048948.D
Acq On : 14 Jun 2021 14:03
Operator : CG/JU
Sample : M2678-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)

Quant Time: Jun 14 14:41:34 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

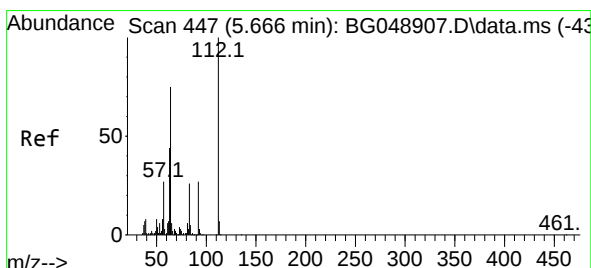
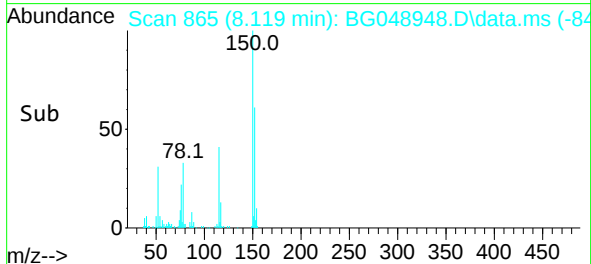
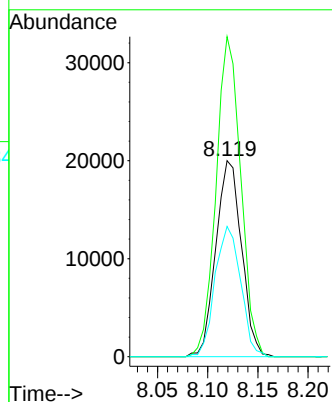
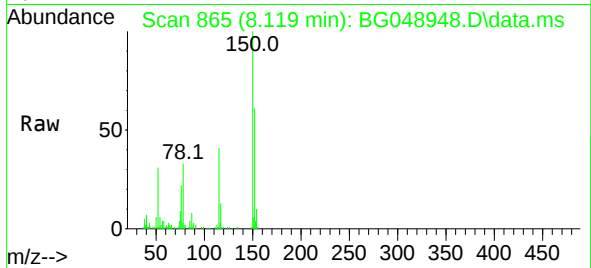




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.119 min Scan# 865
Delta R.T. -0.003 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

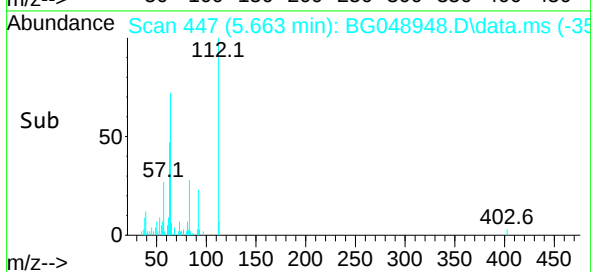
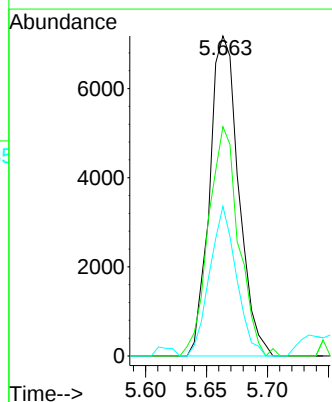
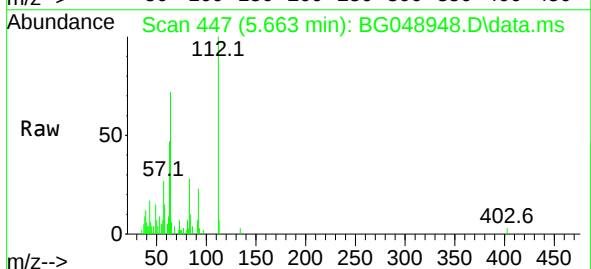
Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)

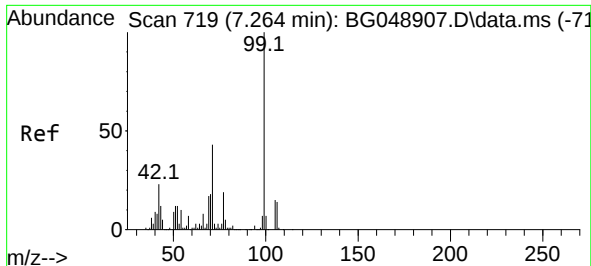
Tgt Ion:152 Resp: 35613
Ion Ratio Lower Upper
152 100
150 163.3 119.4 179.0
115 66.5 60.2 90.4



#5
2-Fluorophenol
Concen: 5.203 ng
RT: 5.663 min Scan# 447
Delta R.T. -0.003 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

Tgt Ion:112 Resp: 11903
Ion Ratio Lower Upper
112 100
64 71.7 46.7 70.1#
63 46.8 35.3 52.9

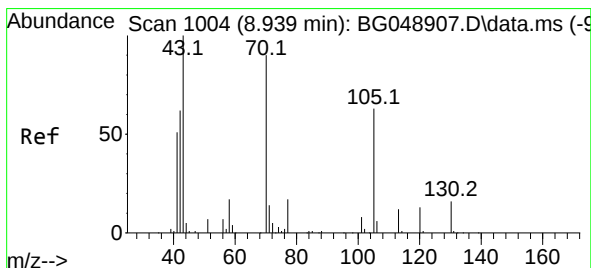
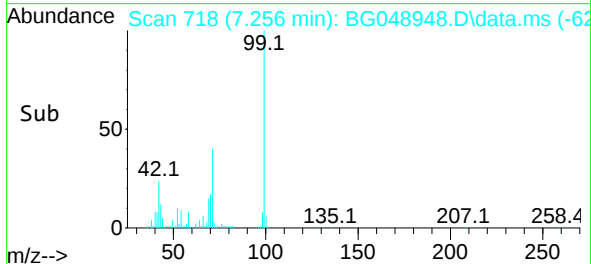
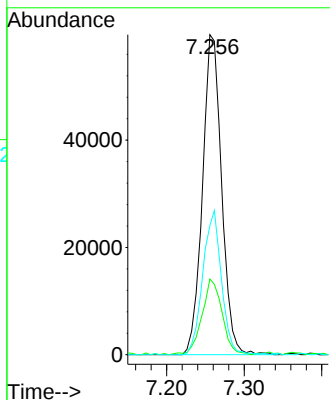
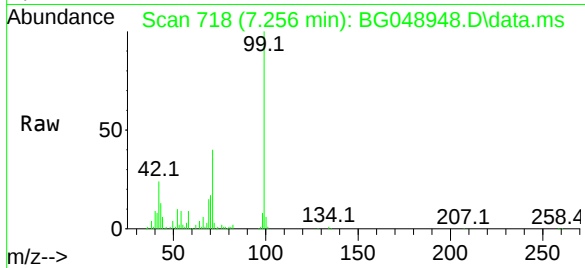




#7
Phenol-d6
Concen: 29.821 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.008 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

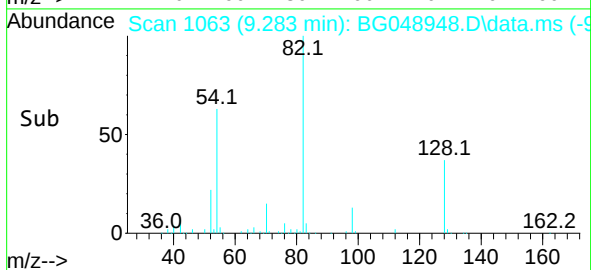
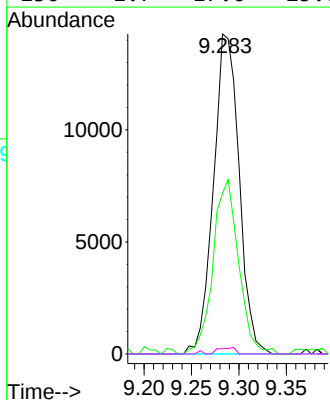
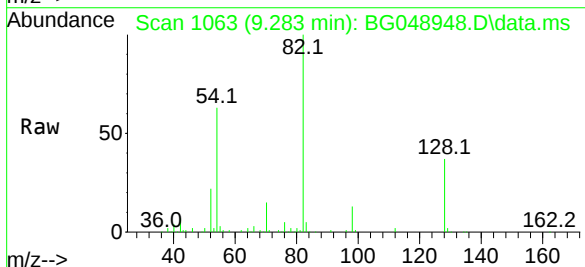
Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)

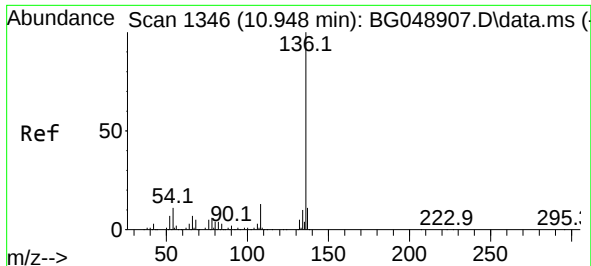
Tgt Ion: 99 Resp: 102254
Ion Ratio Lower Upper
99 100
42 23.7 20.5 30.7
71 40.3 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 10.035 ng
RT: 9.283 min Scan# 1063
Delta R.T. 0.344 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

Tgt Ion: 70 Resp: 26895
Ion Ratio Lower Upper
70 100
42 50.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

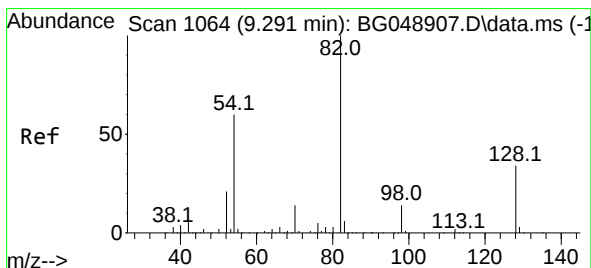
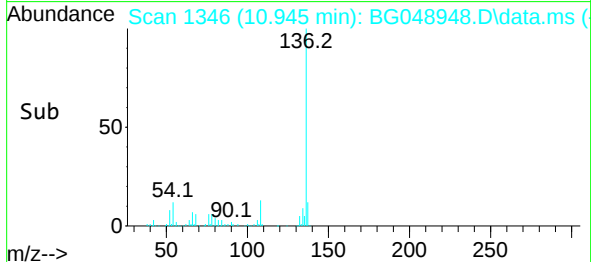
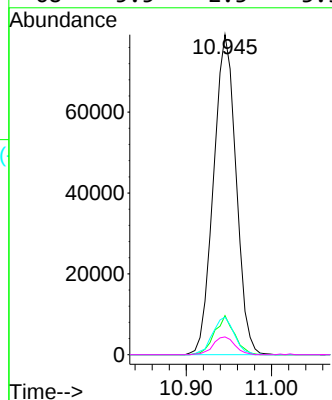
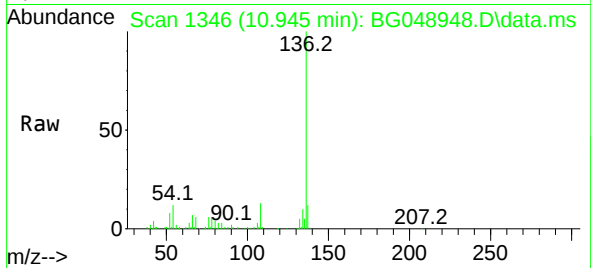




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.945 min Scan# 1346
Delta R.T. -0.003 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

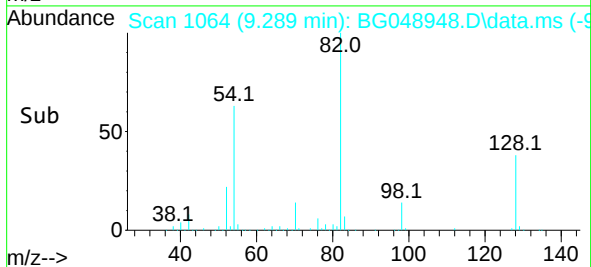
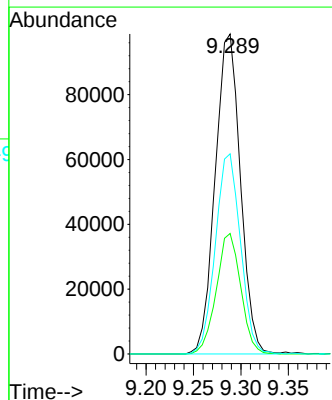
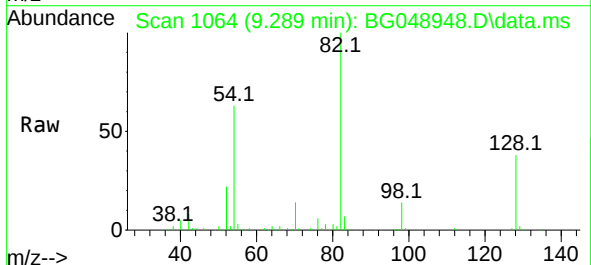
Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)

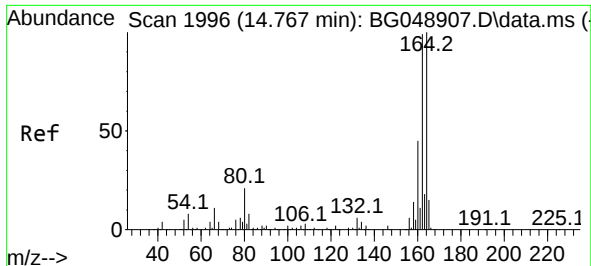
Tgt Ion:136	Resp:	145260
Ion Ratio	Lower	Upper
136	100	
137	12.2	8.2 12.2
54	11.7	5.5 8.3#
68	5.5	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 54.244 ng
RT: 9.289 min Scan# 1064
Delta R.T. -0.002 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

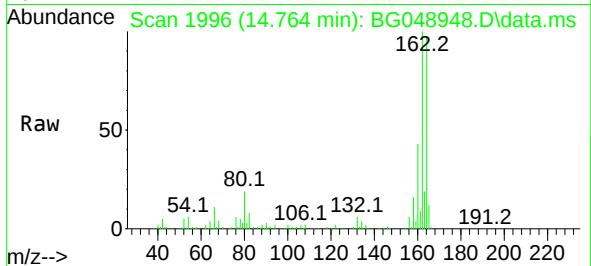
Tgt Ion: 82	Resp:	182735
Ion Ratio	Lower	Upper
82	100	
128	37.6	29.8 44.6
54	62.6	45.8 68.8



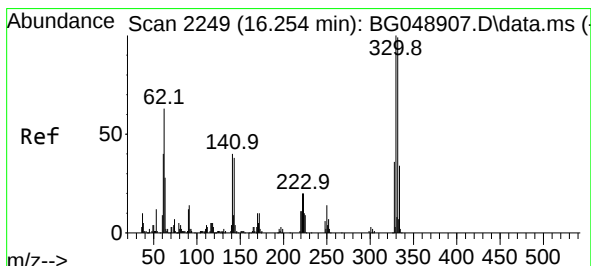
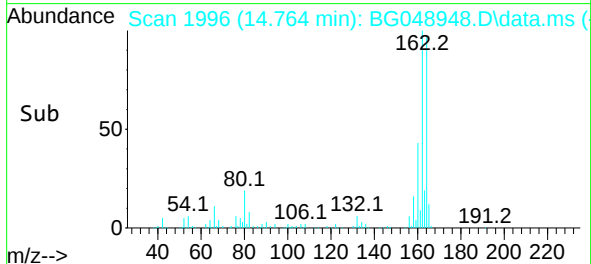
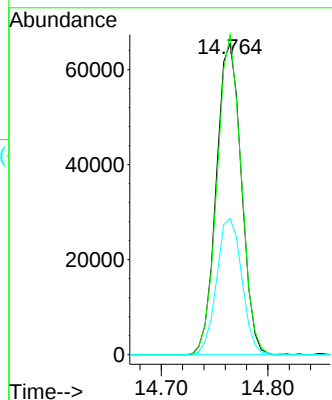


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.764 min Scan# 1996
Delta R.T. -0.003 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)

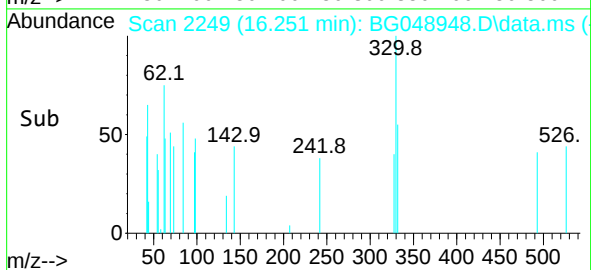
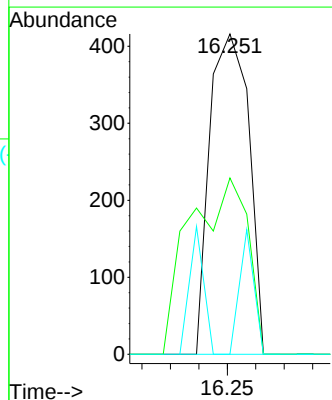
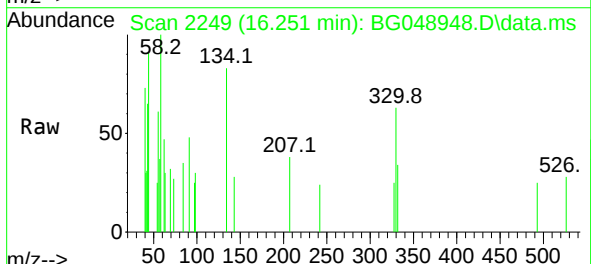


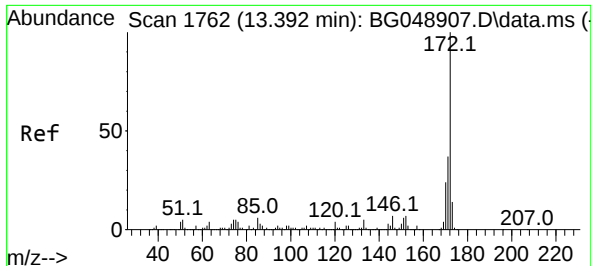
Tgt Ion:164 Resp: 106453
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 43.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 16.251 min Scan# 2249
Delta R.T. -0.003 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

Tgt Ion:330 Resp: 397
Ion Ratio Lower Upper
330 100
332 81.9 77.3 115.9
141 14.4 35.6 53.4#

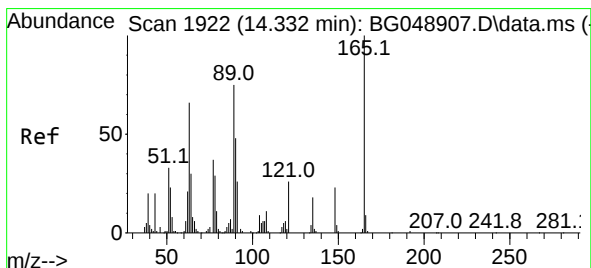
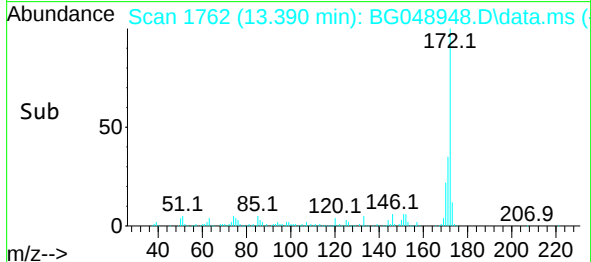
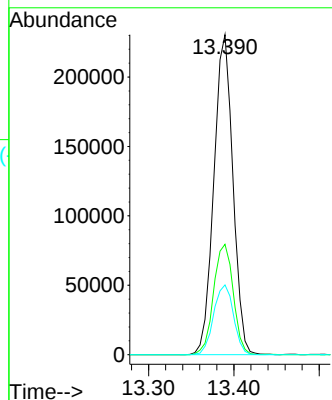
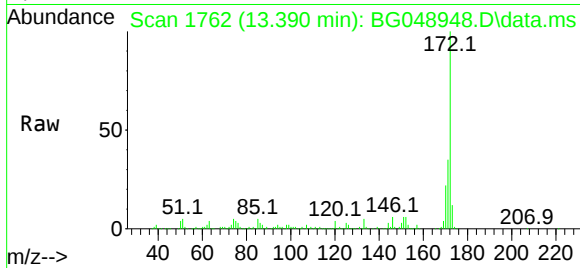




#45
2-Fluorobiphenyl
Concen: 47.525 ng
RT: 13.390 min Scan# 1762
Delta R.T. -0.002 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

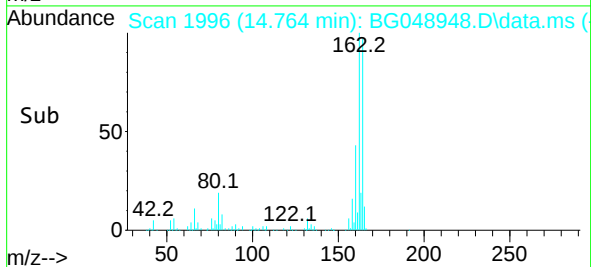
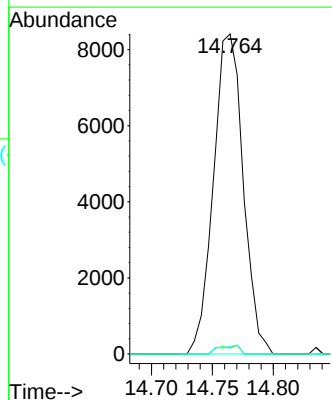
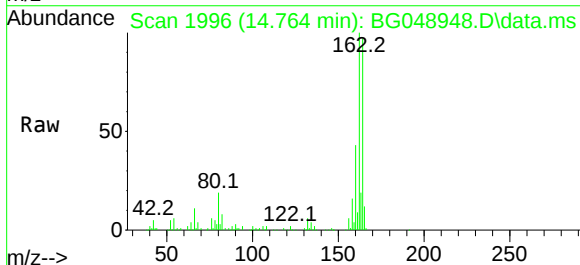
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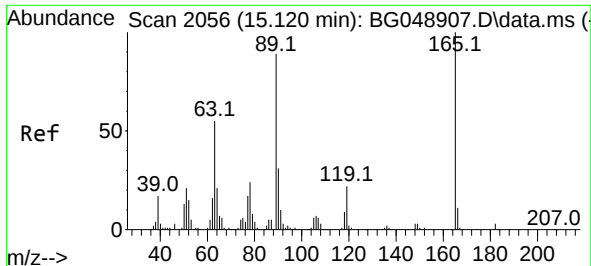
Tgt Ion:	172	Resp:	358133
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.6	43.0
170	21.8	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 8.443 ng
RT: 14.764 min Scan# 1996
Delta R.T. 0.432 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

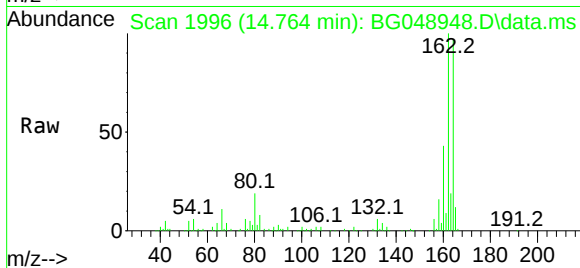
Tgt Ion:	165	Resp:	14257
Ion Ratio	Lower	Upper	
165	100		
63	1.9	63.3	94.9#
89	2.4	63.4	95.0#



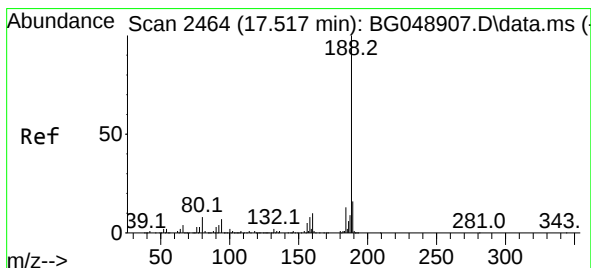
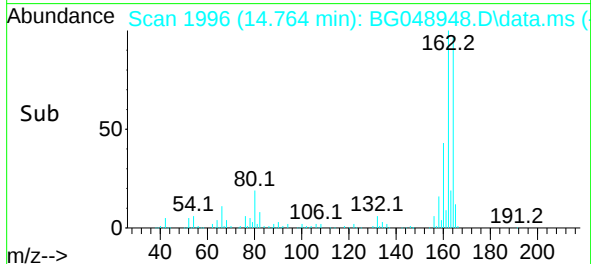
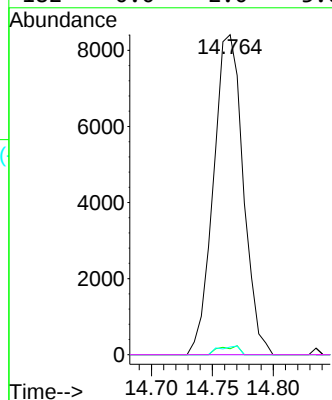


#57
2,4-Dinitrotoluene
Concen: 6.873 ng
RT: 14.764 min Scan# 1996
Delta R.T. -0.355 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)

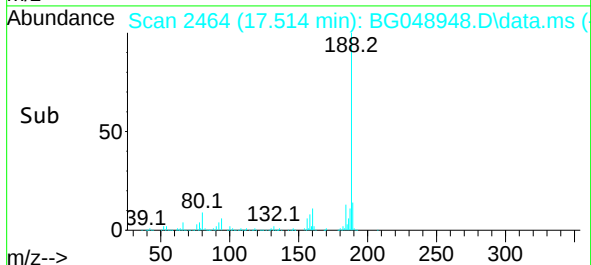
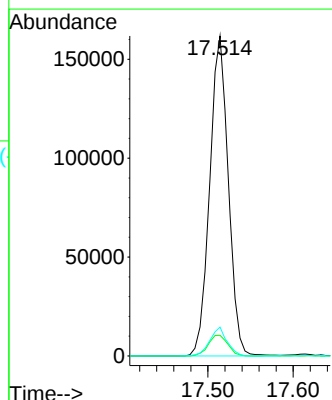
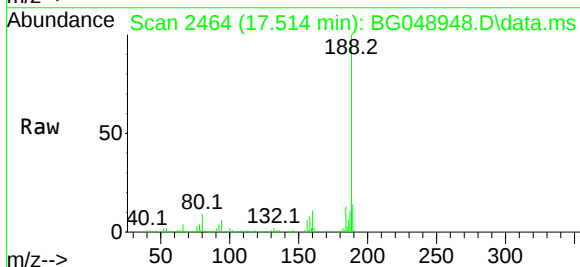


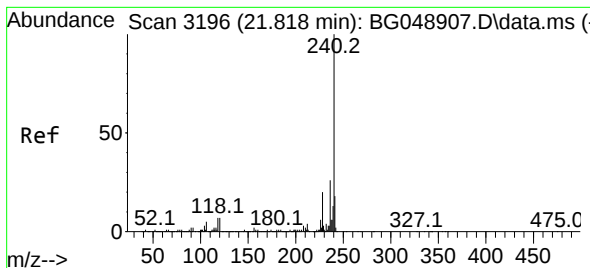
Tgt Ion:165 Resp: 14257
Ion Ratio Lower Upper
165 100
63 1.9 48.0 72.0#
89 2.4 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.514 min Scan# 2464
Delta R.T. -0.003 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

Tgt Ion:188 Resp: 245448
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 9.0 3.7 5.5#

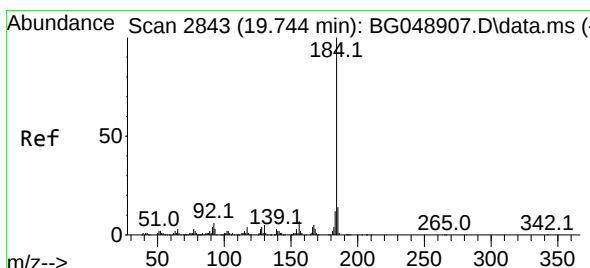
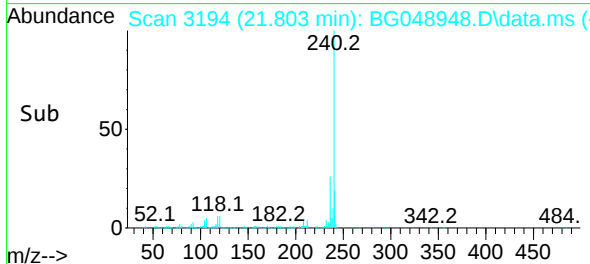
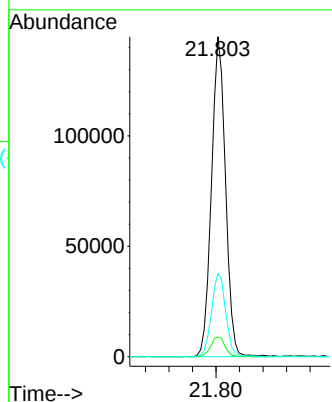
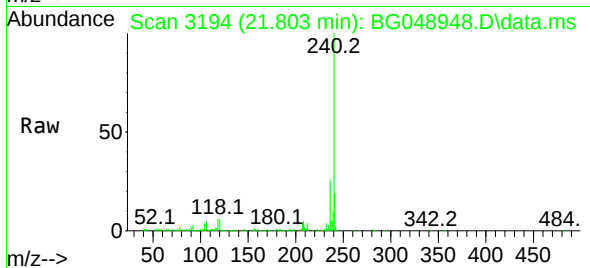




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.803 min Scan# 3194
Delta R.T. -0.015 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

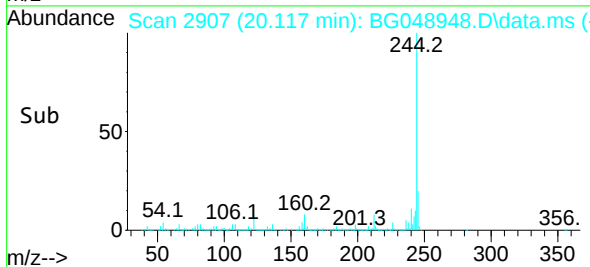
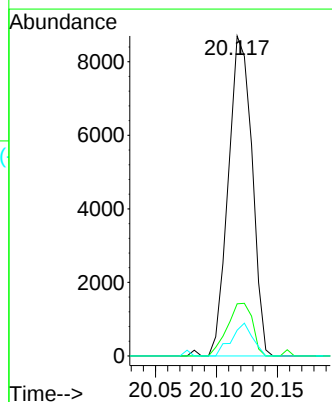
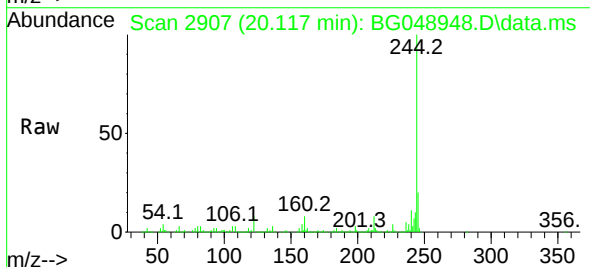
Instrument :
BNA_G
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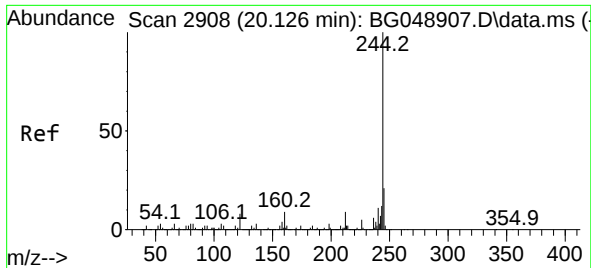
Tgt Ion:240 Resp: 239752
Ion Ratio Lower Upper
240 100
120 6.1 4.2 6.2
236 26.1 21.8 32.6



#77
Benzidine
Concen: 2.450 ng
RT: 20.117 min Scan# 2907
Delta R.T. 0.373 min
Lab File: BG048948.D
Acq: 14 Jun 2021 14:03

Tgt Ion:184 Resp: 11834
Ion Ratio Lower Upper
184 100
185 16.3 10.7 16.1#
183 8.1 9.4 14.0#

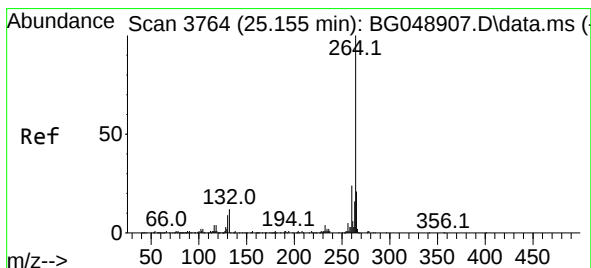
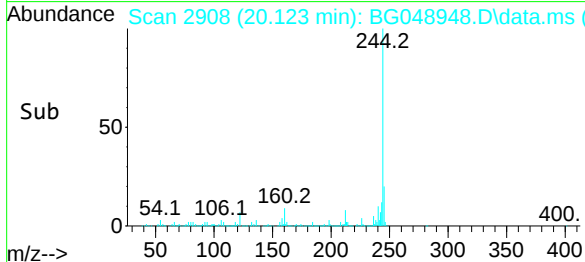
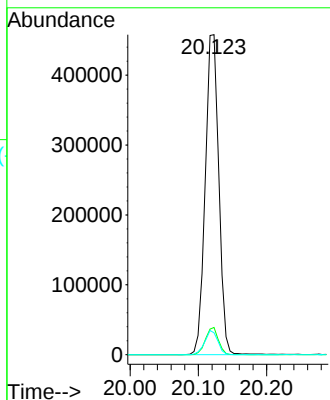
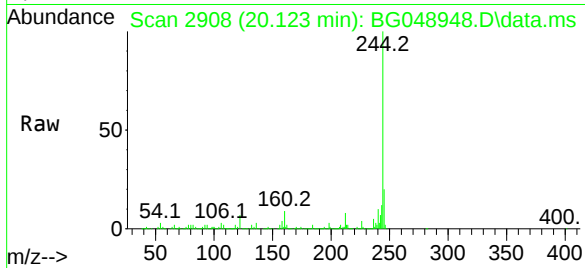




#79
 Terphenyl-d14
 Concen: 48.386 ng
 RT: 20.123 min Scan# 2908
 Delta R.T. -0.003 min
 Lab File: BG048948.D
 Acq: 14 Jun 2021 14:03

Instrument :
 BNA_G
 ClientSampleId :
 0246-AMND-COMP-K(CL-16)

Tgt Ion:244 Resp: 633423
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 6.9 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.141 min Scan# 3762
 Delta R.T. -0.015 min
 Lab File: BG048948.D
 Acq: 14 Jun 2021 14:03

Tgt Ion:264 Resp: 246397
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.9 16.9 25.3

