

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
 Data File : BG048997.D
 Acq On : 16 Jun 2021 13:33
 Operator : CG/JU
 Sample : M2678-09RX
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 16 14:20:44 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)

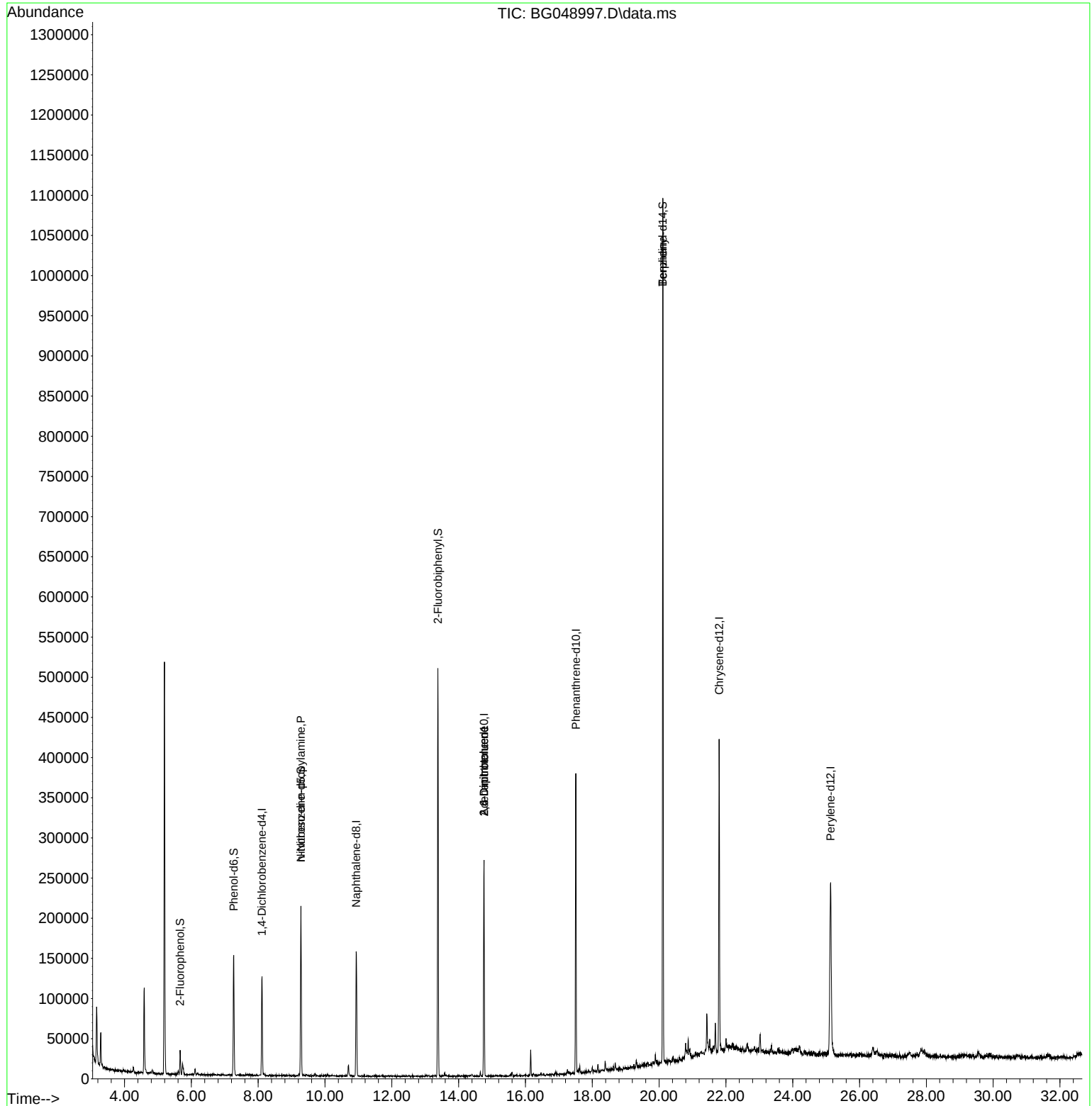
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	32527	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	127803	20.000	ng	# 0.00
39) Acenaphthene-d10	14.759	164	94902	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	235124	20.000	ng	# 0.00
76) Chrysene-d12	21.798	240	242672	20.000	ng	0.00
86) Perylene-d12	25.129	264	249392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	9803	4.692	ng	0.00
7) Phenol-d6	7.268	99	77700	24.810	ng	0.00
23) Nitrobenzene-d5	9.277	82	120105	40.523	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	975	0.693	ng	0.00
45) 2-Fluorobiphenyl	13.378	172	257454	38.323	ng	0.00
79) Terphenyl-d14	20.111	244	500505	37.772	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.277	70	18558	7.581	ng	# 77
51) 2,6-Dinitrotoluene	14.759	165	12744	8.465	ng	# 11
57) 2,4-Dinitrotoluene	14.759	165	12744	6.892	ng	# 16
77) Benzidine	20.111	184	9961	2.038	ng	97

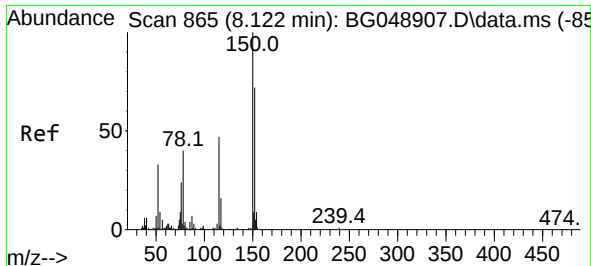
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
Data File : BG048997.D
Acq On : 16 Jun 2021 13:33
Operator : CG/JU
Sample : M2678-09RX
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 16 14:20:44 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

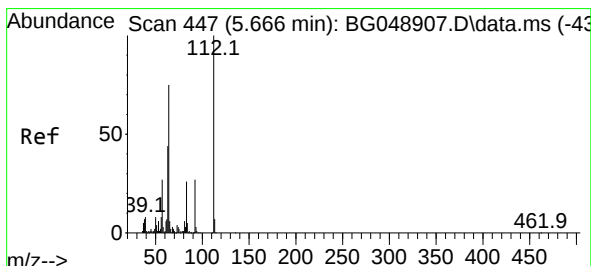
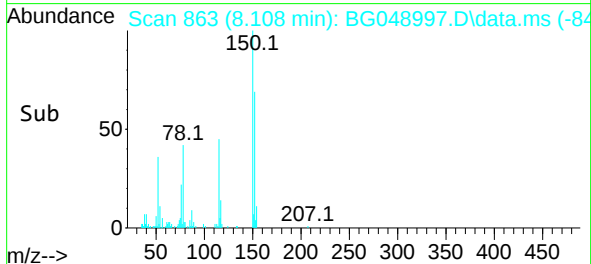
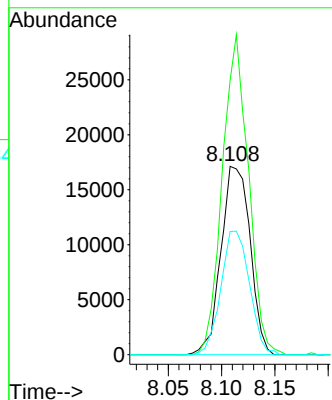
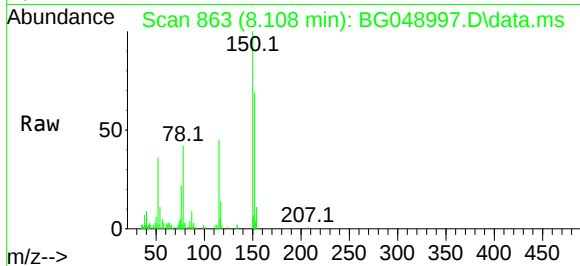




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 863
Delta R.T. -0.006 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33

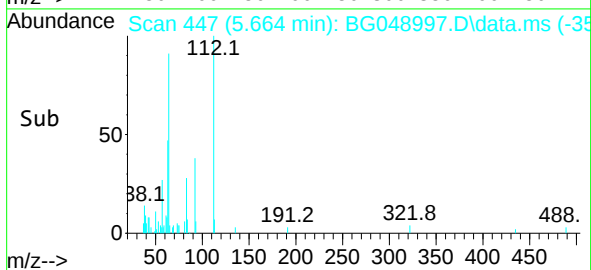
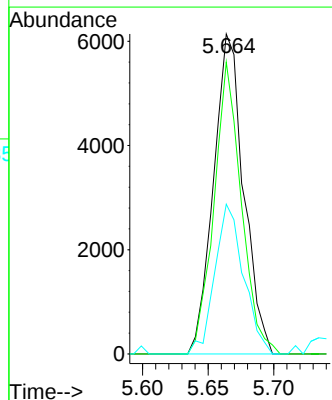
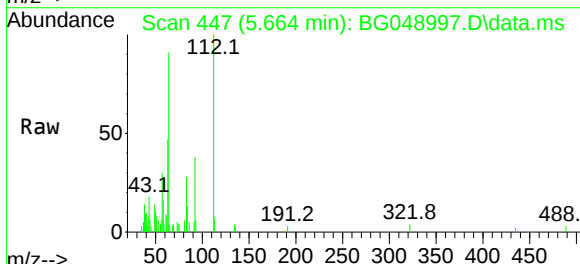
Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)RX

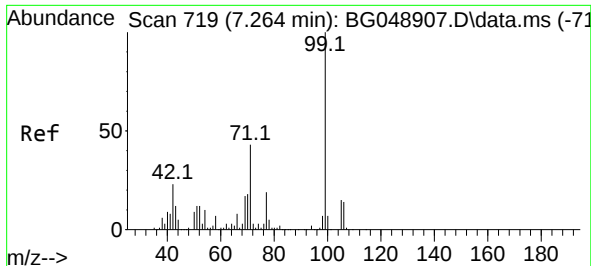
Tgt Ion:152 Resp: 32527
Ion Ratio Lower Upper
152 100
150 145.7 119.4 179.0
115 65.4 60.2 90.4



#5
2-Fluorophenol
Concen: 4.692 ng
RT: 5.664 min Scan# 447
Delta R.T. 0.000 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33

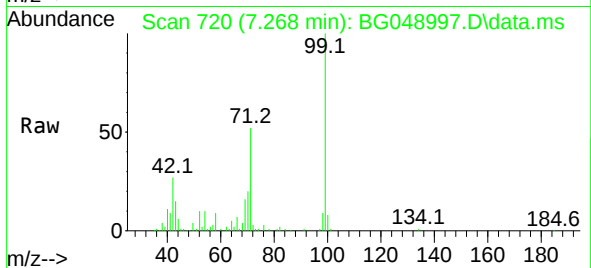
Tgt Ion:112 Resp: 9803
Ion Ratio Lower Upper
112 100
64 91.2 46.7 70.1#
63 46.8 35.3 52.9



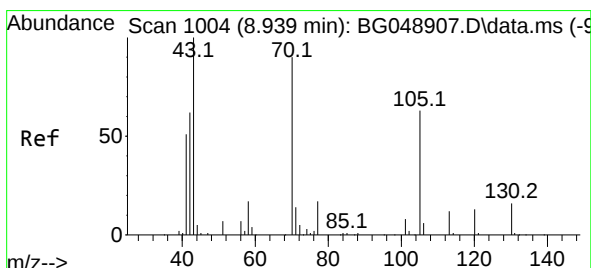
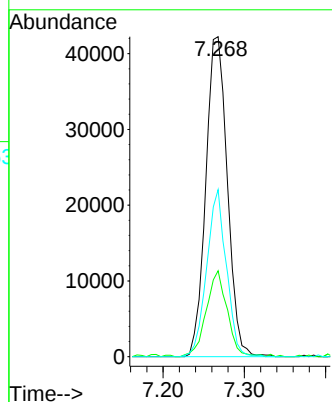
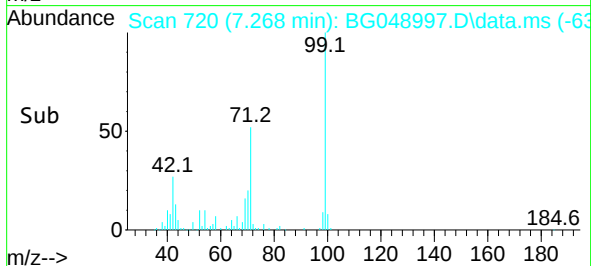


#7
Phenol-d6
Concen: 24.810 ng
RT: 7.268 min Scan# 720
Delta R.T. 0.000 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33

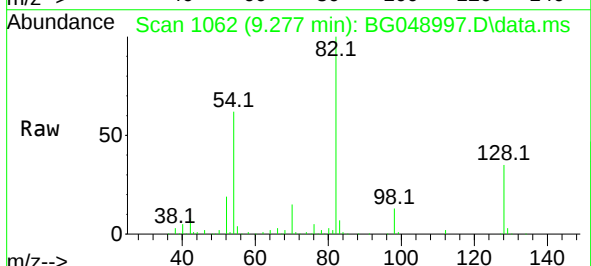
Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)RX



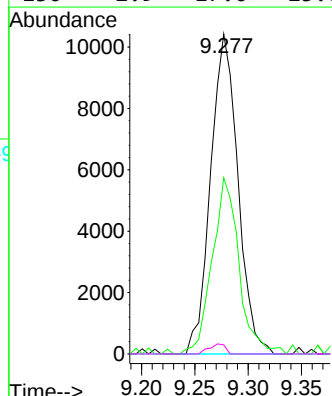
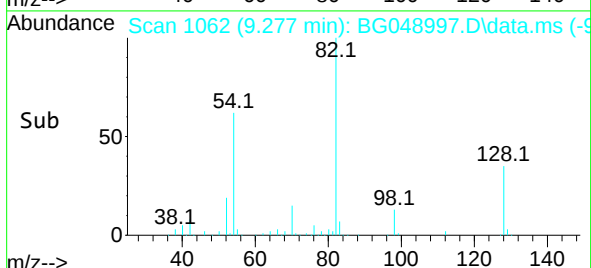
Tgt Ion: 99 Resp: 77700
Ion Ratio Lower Upper
99 100
42 26.9 20.5 30.7
71 52.2 41.5 62.3

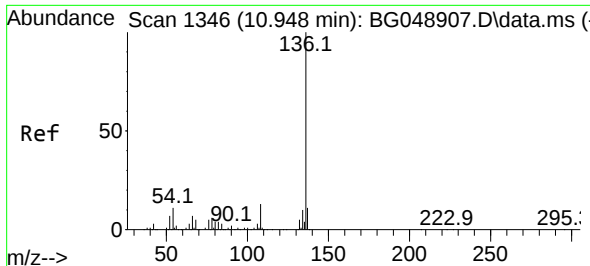


#19
n-Nitroso-di-n-propylamine
Concen: 7.581 ng
RT: 9.277 min Scan# 1062
Delta R.T. 0.353 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33



Tgt Ion: 70 Resp: 18558
Ion Ratio Lower Upper
70 100
42 55.1 54.5 81.7
101 0.0 9.0 13.6#
130 2.9 17.0 25.6#

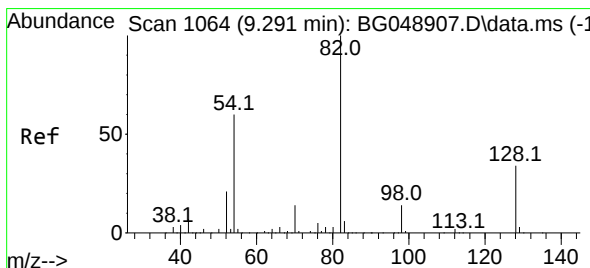
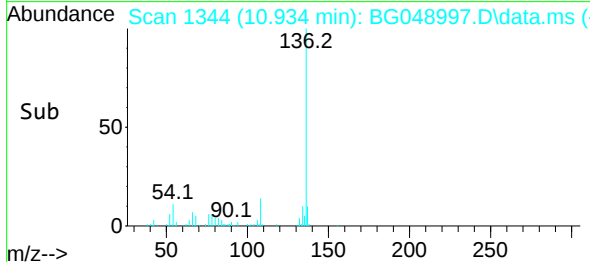
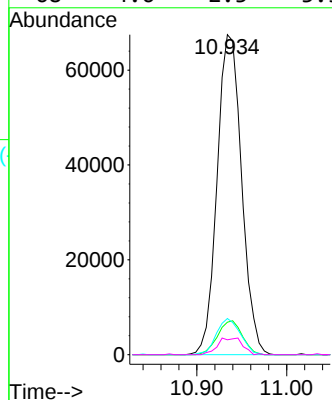
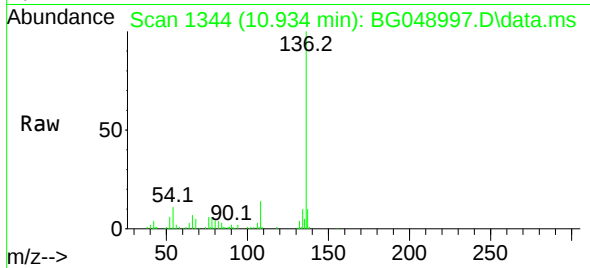




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33

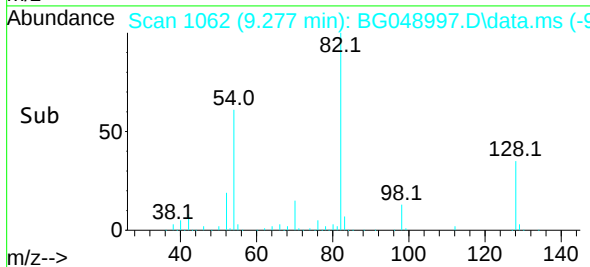
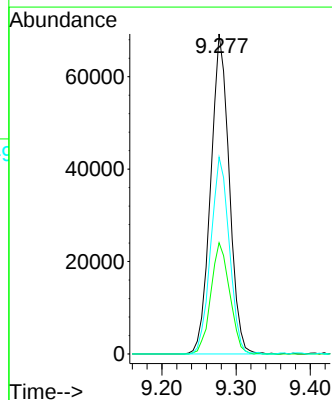
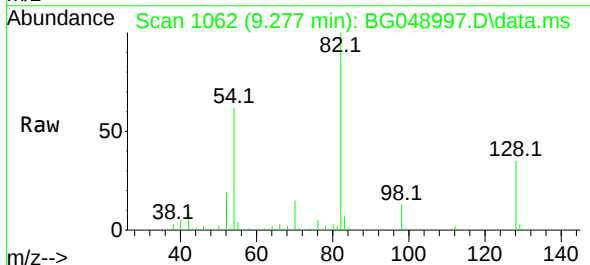
Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)RX

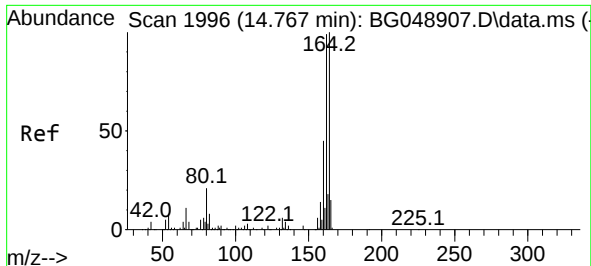
Tgt Ion:	136	Resp:	127803
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.2
54	11.3	5.5	8.3#
68	4.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 40.523 ng
RT: 9.277 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33

Tgt Ion:	82	Resp:	120105
Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.8	44.6
54	61.5	45.8	68.8

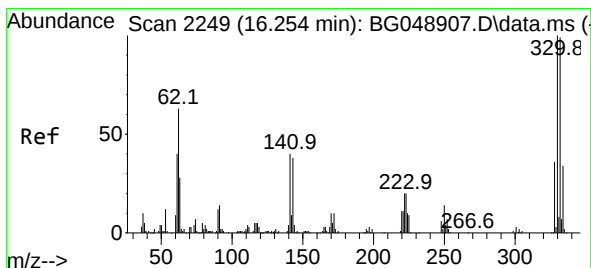
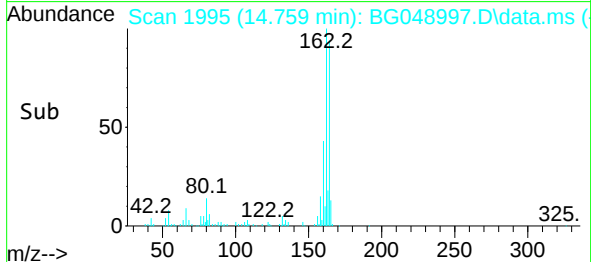
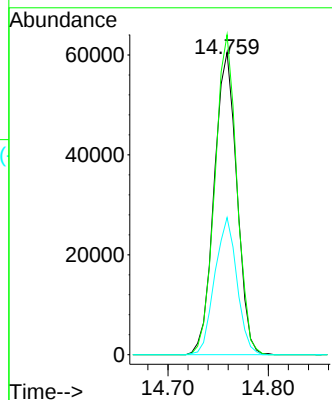
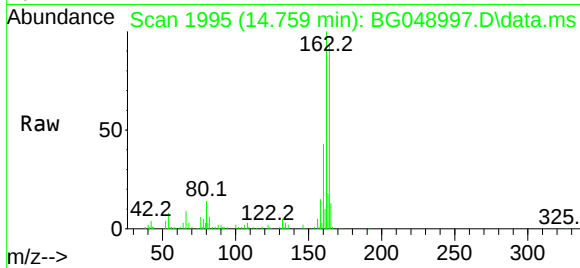




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.759 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33

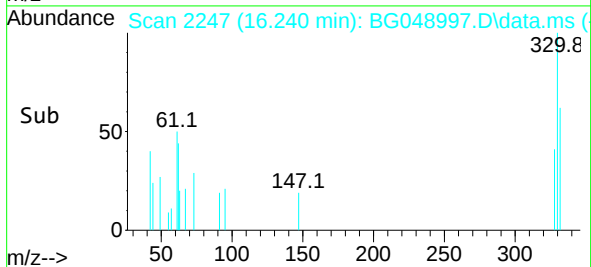
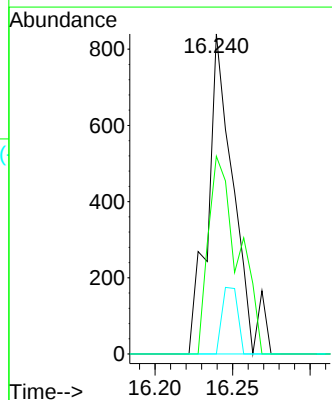
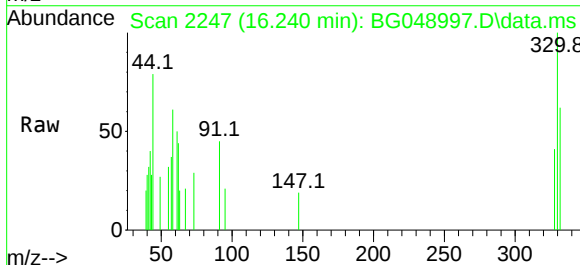
Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)RX

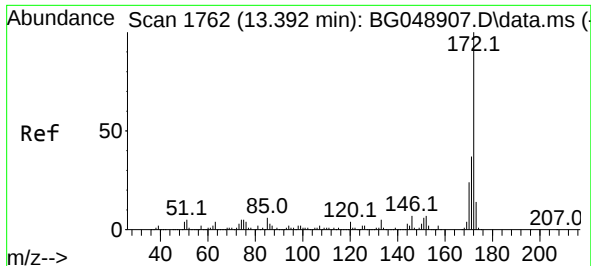
Tgt Ion:164 Resp: 94902
Ion Ratio Lower Upper
164 100
162 105.8 81.4 122.0
160 45.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 0.693 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.006 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33

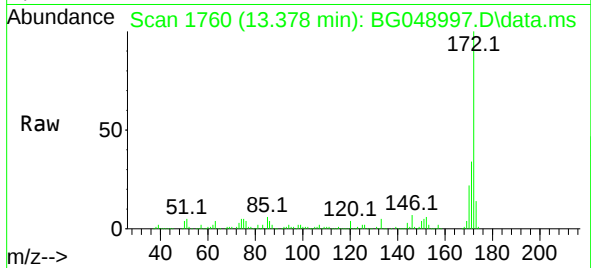
Tgt Ion:330 Resp: 975
Ion Ratio Lower Upper
330 100
332 71.1 77.3 115.9#
141 12.5 35.6 53.4#



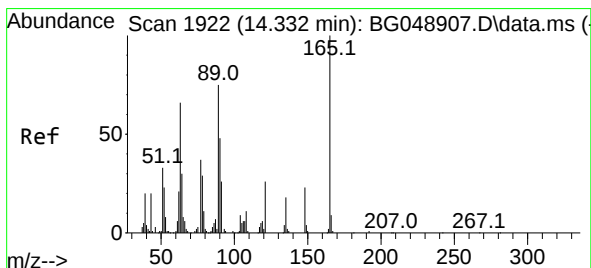
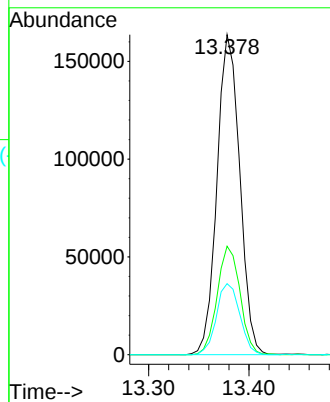
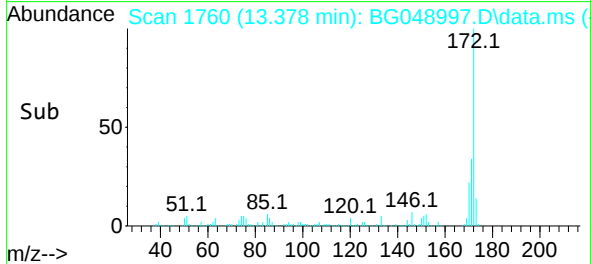


#45
2-Fluorobiphenyl
Concen: 38.323 ng
RT: 13.378 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33

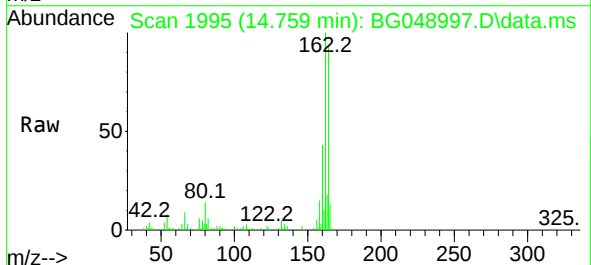
Instrument :
BNA_G
ClientSampleId :
0246-AMND-COMP-K(CL-16)RX



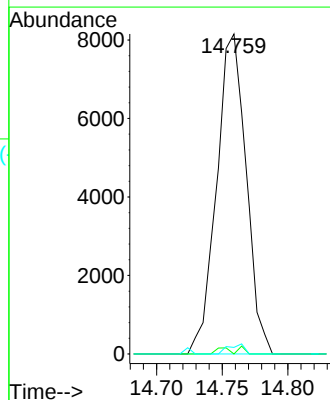
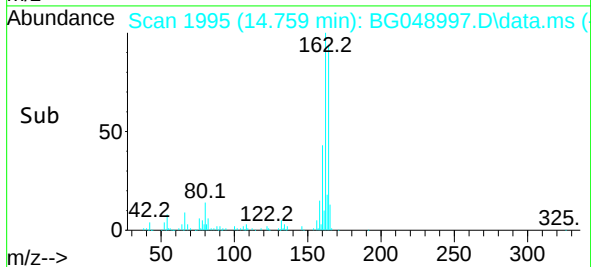
Tgt Ion:172 Resp: 257454
Ion Ratio Lower Upper
172 100
171 33.9 28.6 43.0
170 22.2 18.6 27.8

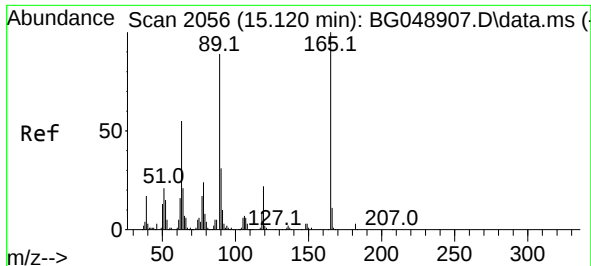


#51
2,6-Dinitrotoluene
Concen: 8.465 ng
RT: 14.759 min Scan# 1995
Delta R.T. 0.435 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33



Tgt Ion:165 Resp: 12744
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.0 63.4 95.0#

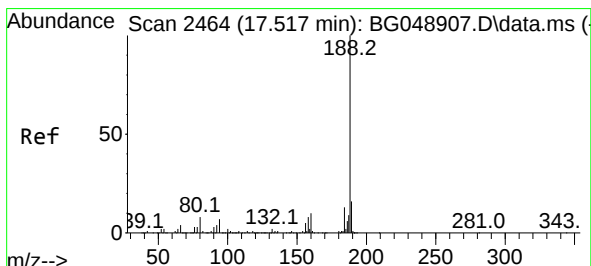
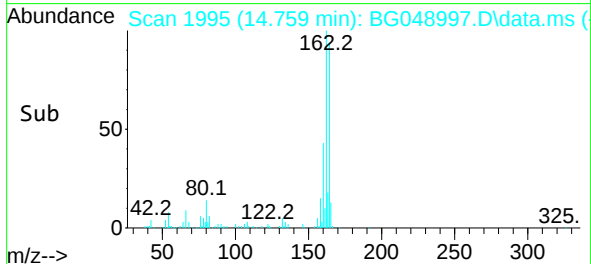
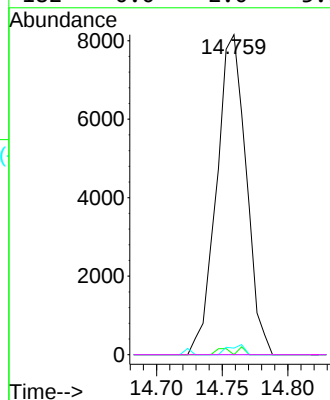
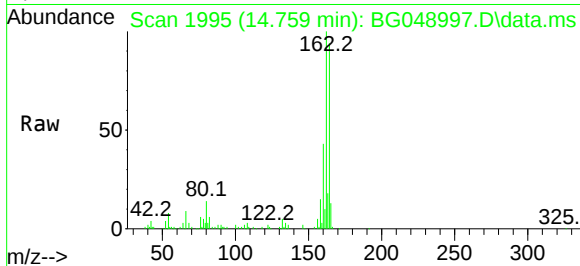




#57
2,4-Dinitrotoluene
Concen: 6.892 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.352 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33

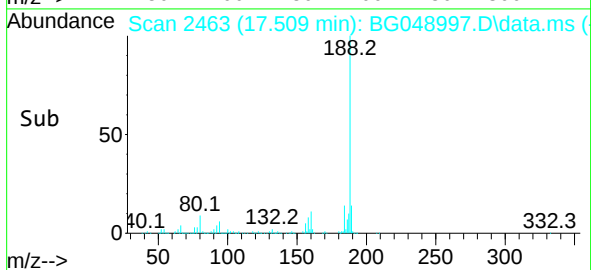
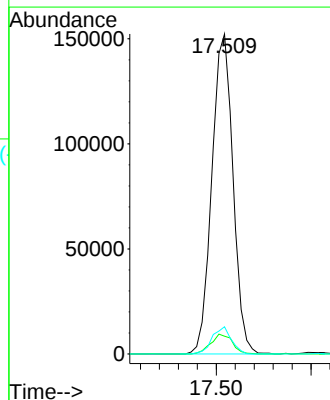
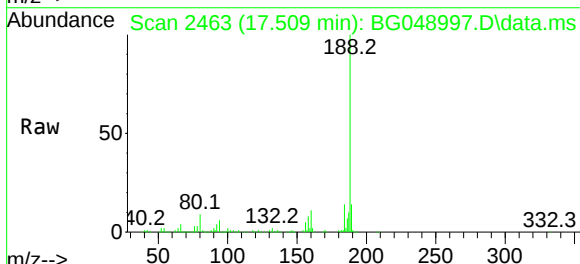
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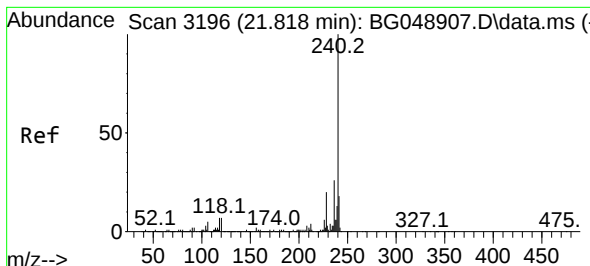
Tgt Ion:165	Resp:	12744
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	2.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.509 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33

Tgt Ion:188	Resp:	235124
Ion Ratio	Lower	Upper
188	100	
94	5.6	5.4 8.0
80	8.5	3.7 5.5#

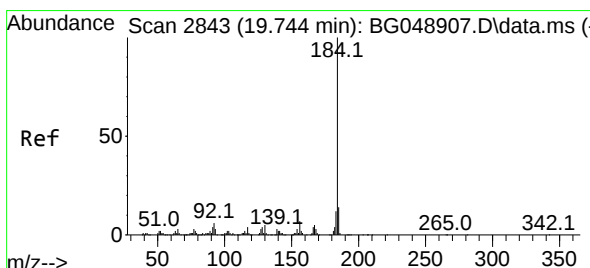
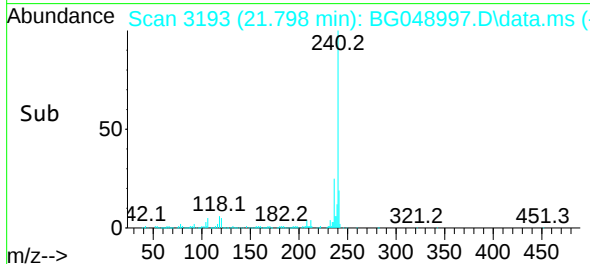
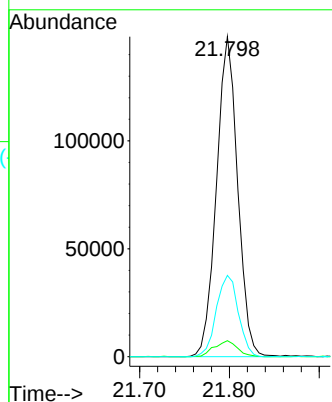
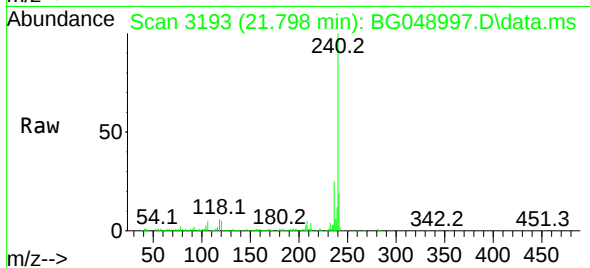




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3193
Delta R.T. 0.000 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33

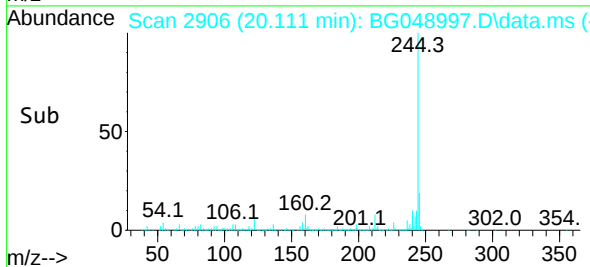
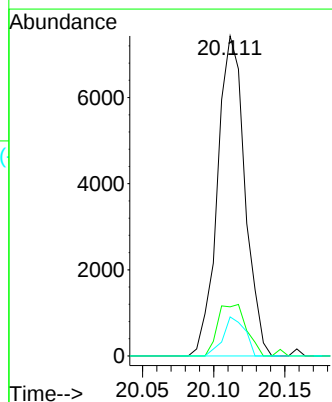
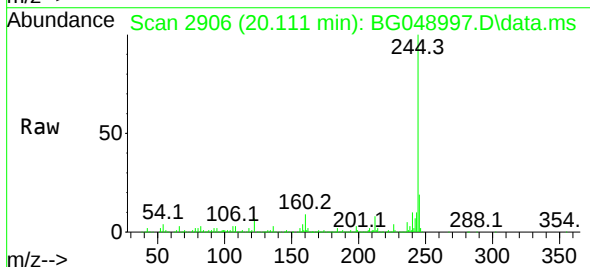
Instrument :
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0246-AMND-COMP-K(CL-16)RX

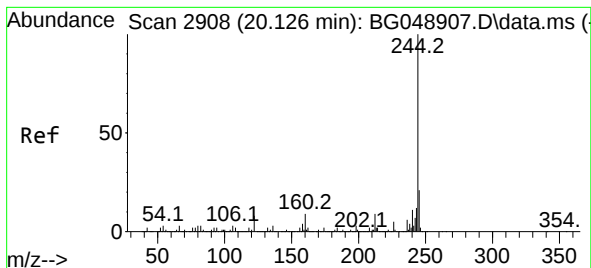
Tgt Ion:240 Resp: 242672
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 25.4 21.8 32.6



#77
Benzidine
Concen: 2.038 ng
RT: 20.111 min Scan# 2906
Delta R.T. 0.382 min
Lab File: BG048997.D
Acq: 16 Jun 2021 13:33

Tgt Ion:184 Resp: 9961
Ion Ratio Lower Upper
184 100
185 15.3 10.7 16.1
183 12.2 9.4 14.0





#79

Terphenyl-d14

Concen: 37.772 ng

RT: 20.111 min Scan# 2906

Delta R.T. 0.000 min

Lab File: BG048997.D

Acq: 16 Jun 2021 13:33

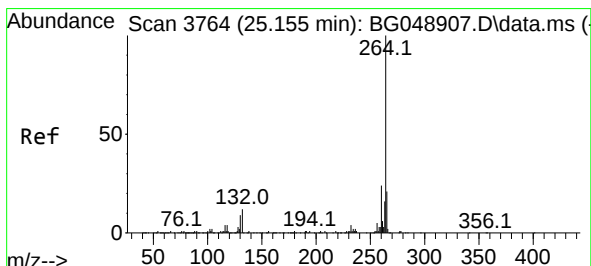
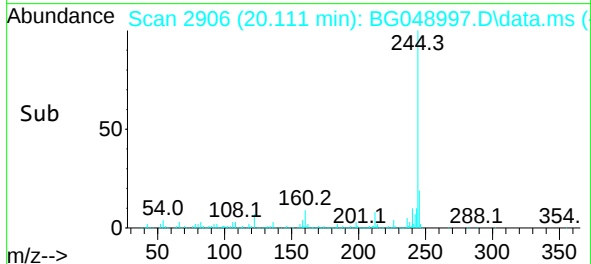
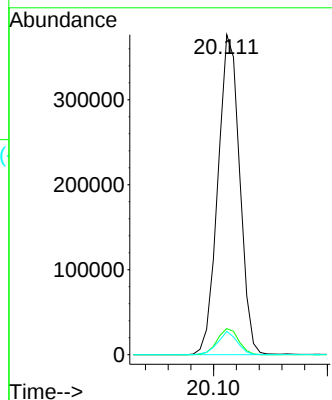
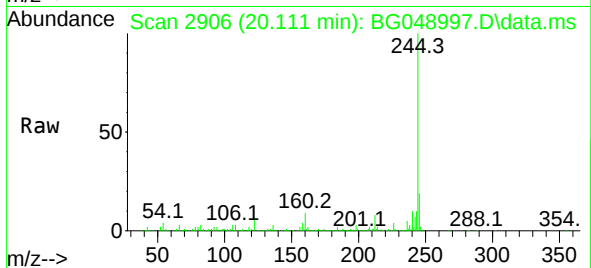
Tgt Ion:244 Resp: 500505

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

122 7.3 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.129 min Scan# 3760

Delta R.T. 0.000 min

Lab File: BG048997.D

Acq: 16 Jun 2021 13:33

Tgt Ion:264 Resp: 249392

Ion Ratio Lower Upper

264 100

260 22.3 19.4 29.2

265 21.3 16.9 25.3

