

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
 Data File : BG049068.D
 Acq On : 23 Jun 2021 19:32
 Operator : CG/JU
 Sample : M2709-12RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0344-AMND-COMP-O(CL-24)RX

Quant Time: Jun 24 02:18:40 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)

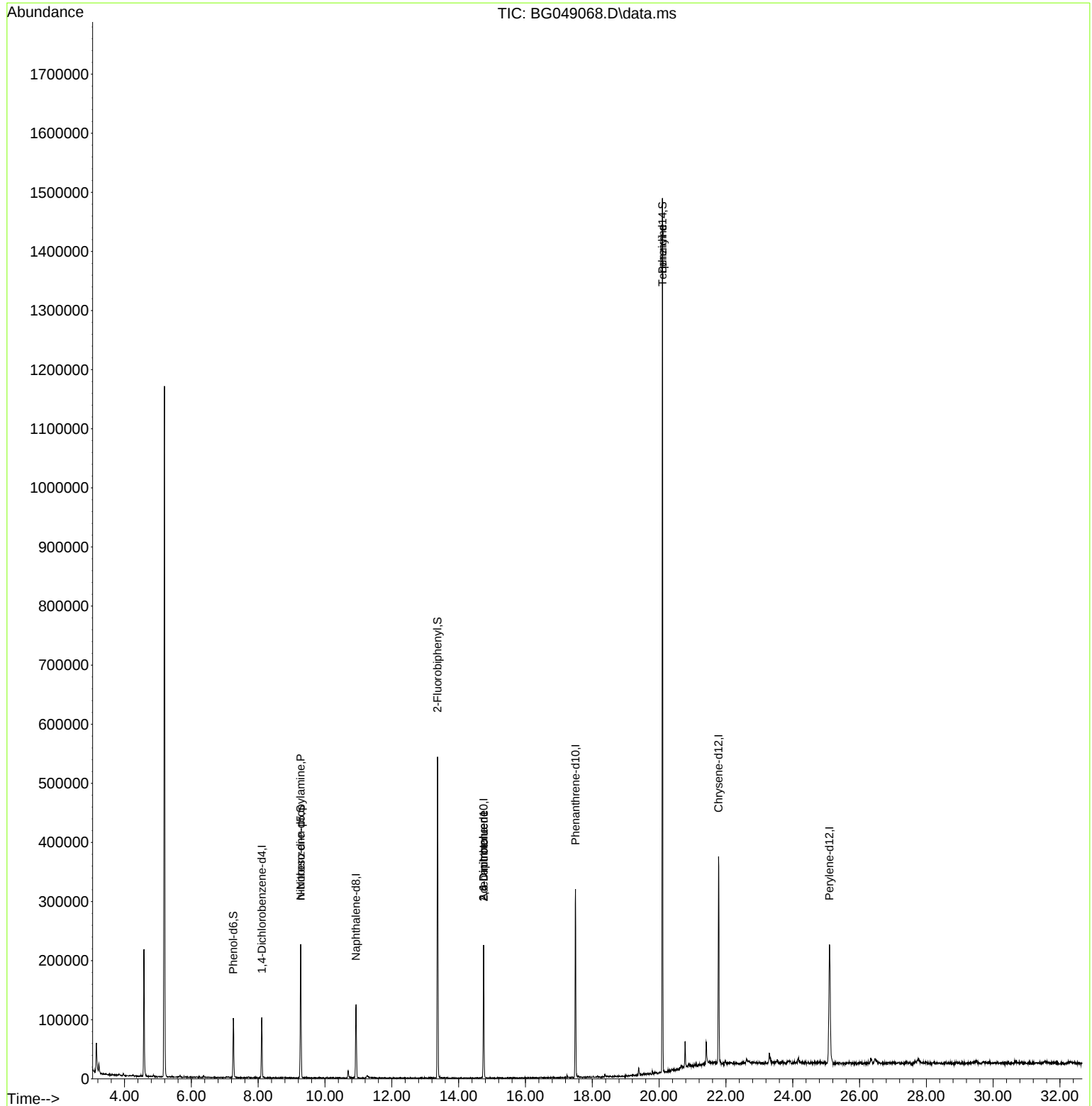
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	26452	20.00	ng	0.00
21) Naphthalene-d8	10.928	136	105435	20.00	ng	#-0.01
39) Acenaphthene-d10	14.747	164	81056	20.00	ng	-0.01
64) Phenanthrene-d10	17.497	188	211656	20.00	ng	#-0.01
76) Chrysene-d12	21.780	240	228106	20.00	ng	-0.02
86) Perylene-d12	25.100	264	233827	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	978	0.58	ng	0.00
7) Phenol-d6	7.256	99	53229	20.90	ng	-0.01
23) Nitrobenzene-d5	9.271	82	129786	53.08	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.366	172	292418	50.96	ng	-0.02
79) Terphenyl-d14	20.100	244	676075	54.28	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.271	70	19371	9.73	ng	# 65
51) 2,6-Dinitrotoluene	14.747	165	11020	8.57	ng	# 11
57) 2,4-Dinitrotoluene	14.747	165	11020	6.98	ng	# 17
77) Benzidine	20.106	184	12137	2.64	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
Data File : BG049068.D
Acq On : 23 Jun 2021 19:32
Operator : CG/JU
Sample : M2709-12RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0344-AMND-COMP-O(CL-24)RX

Quant Time: Jun 24 02:18:40 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

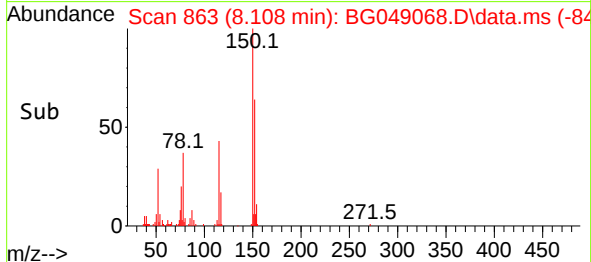
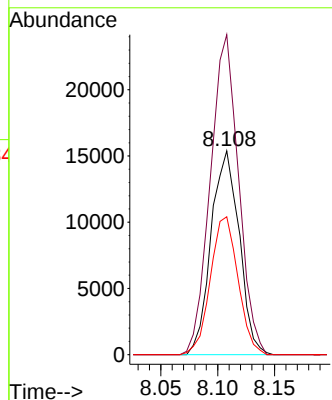
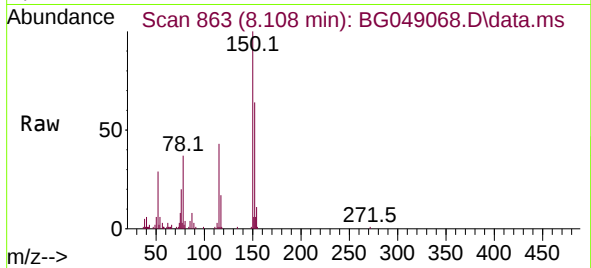




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 863
Delta R.T. -0.006 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

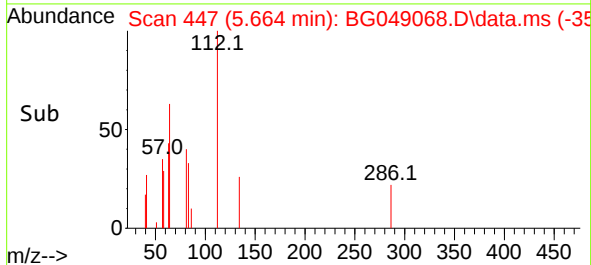
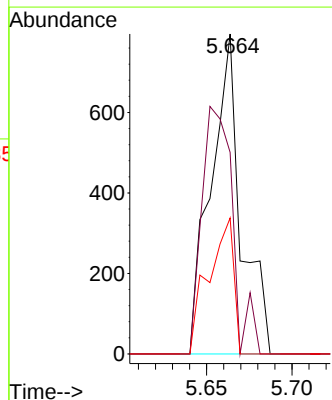
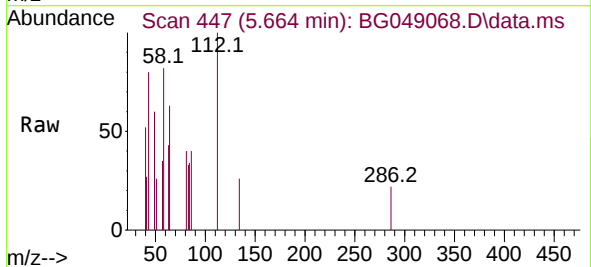
Instrument :
BNA_G
ClientSampleId :
0344-AMND-COMP-O(CL-24)RX

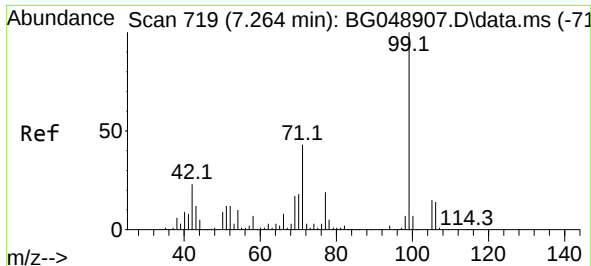
Tgt Ion:152 Resp: 26452
Ion Ratio Lower Upper
152 100
150 157.0 119.4 179.0
115 67.7 60.2 90.4



#5
2-Fluorophenol
Concen: 0.58 ng
RT: 5.664 min Scan# 447
Delta R.T. 0.000 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

Tgt Ion:112 Resp: 978
Ion Ratio Lower Upper
112 100
64 63.0 46.7 70.1
63 42.5 35.3 52.9

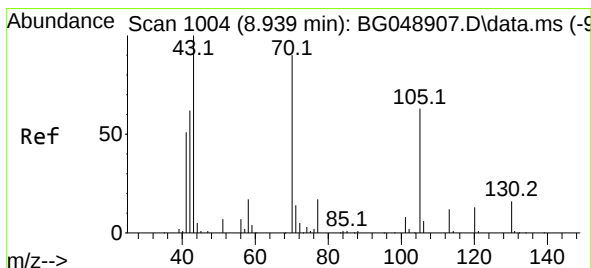
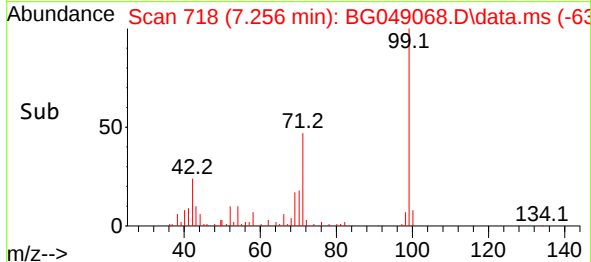
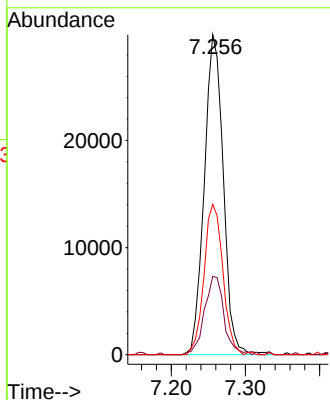
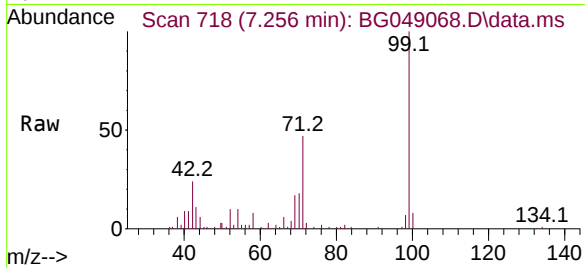




#7
Phenol-d6
Concen: 20.90 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.012 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

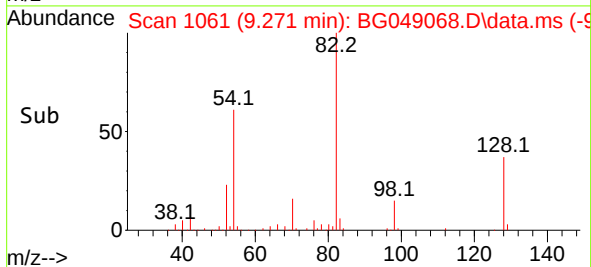
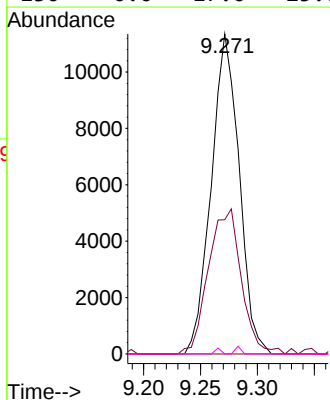
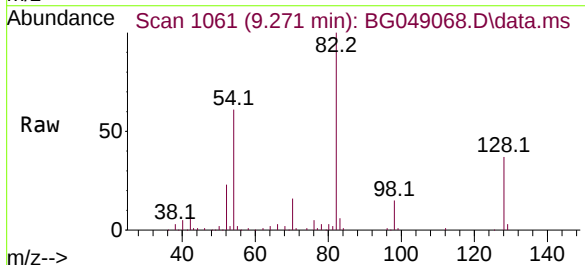
Instrument :
BNA_G
ClientSampleId :
0344-AMND-COMP-O(CL-24)RX

Tgt Ion:	99	Resp:	53229
Ion	Ratio	Lower	Upper
99	100		
42	24.5	20.5	30.7
71	47.0	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.73 ng
RT: 9.271 min Scan# 1061
Delta R.T. 0.347 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

Tgt Ion:	70	Resp:	19371
Ion	Ratio	Lower	Upper
70	100		
42	42.0	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

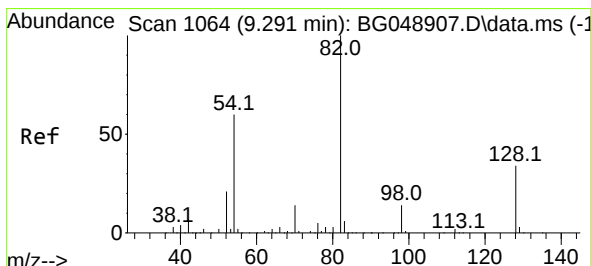
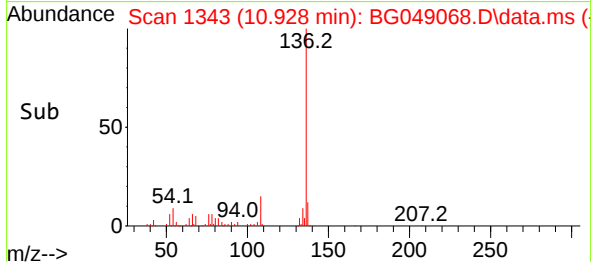
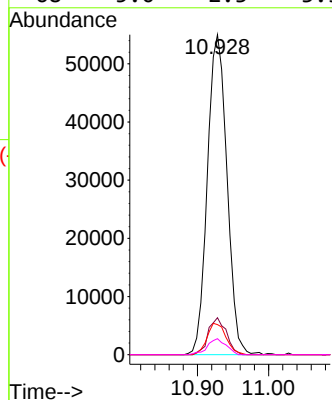
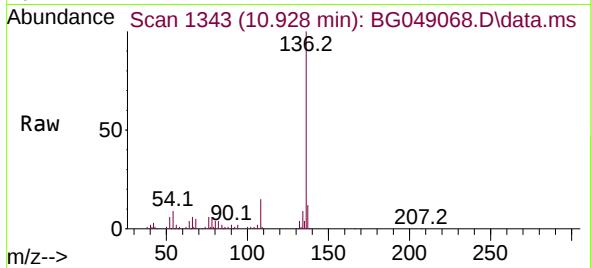




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.928 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

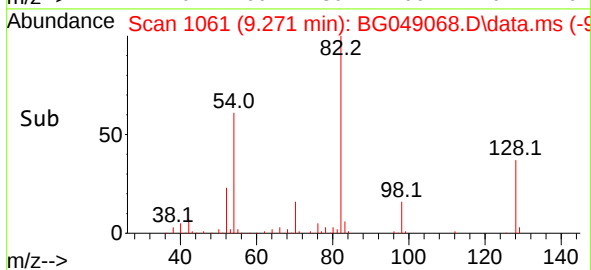
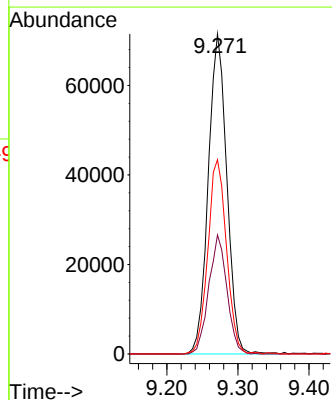
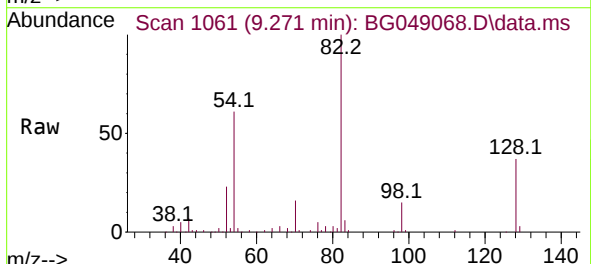
Instrument :
BNA_G
ClientSampleId :
0344-AMND-COMP-O(CL-24)RX

Tgt Ion:136	Resp: 105435
Ion Ratio	Lower Upper
136	100
137	11.5 8.2 12.2
54	9.4 5.5 8.3#
68	5.0 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 53.08 ng
RT: 9.271 min Scan# 1061
Delta R.T. -0.012 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

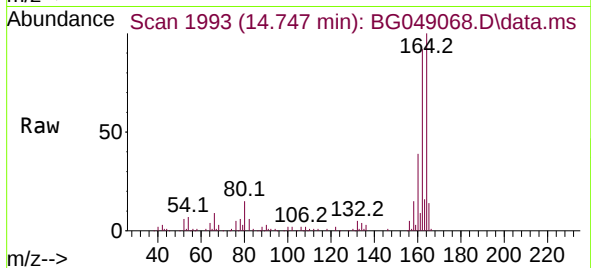
Tgt Ion: 82	Resp: 129786
Ion Ratio	Lower Upper
82	100
128	37.2 29.8 44.6
54	60.7 45.8 68.8



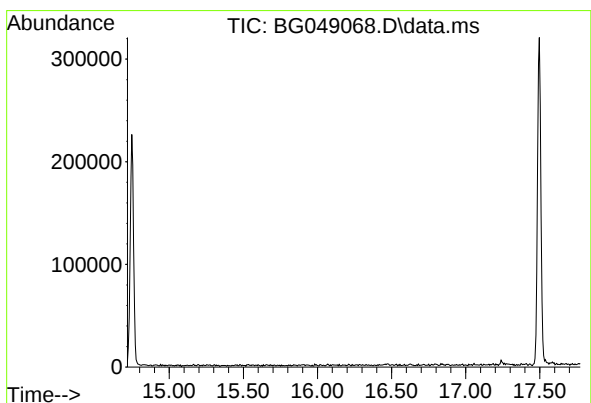
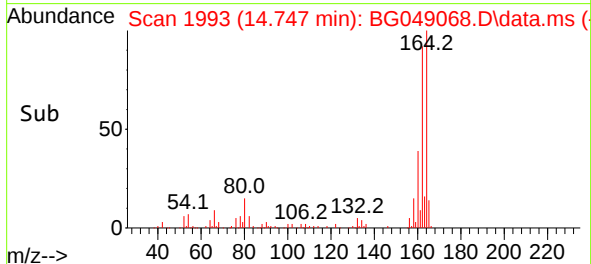
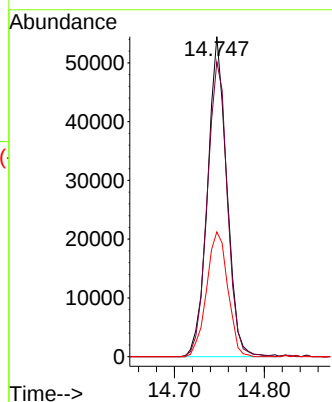


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

Instrument :
BNA_G
ClientSampleId :
0344-AMND-COMP-O(CL-24)RX



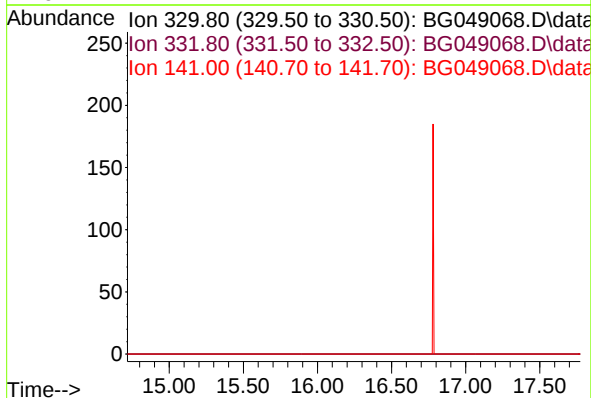
Tgt Ion:164 Resp: 81056
Ion Ratio Lower Upper
164 100
162 92.2 81.4 122.0
160 39.0 34.9 52.3

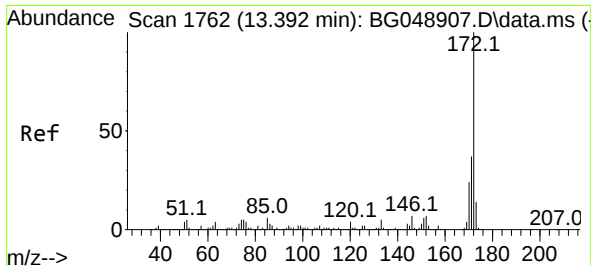


#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.25 min

Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.6
141 44.5

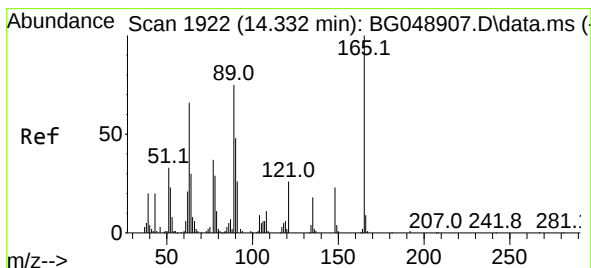
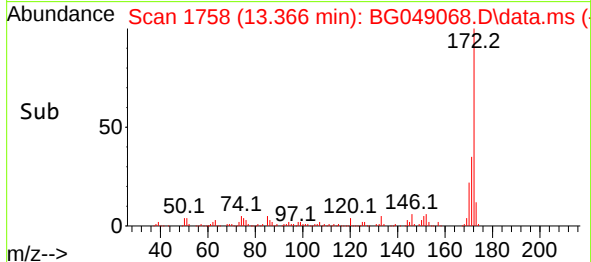
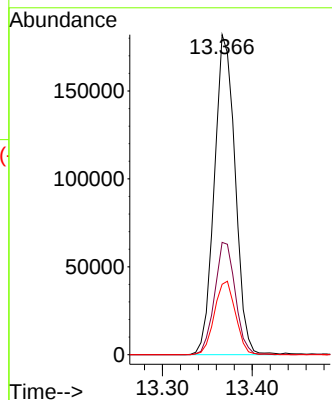
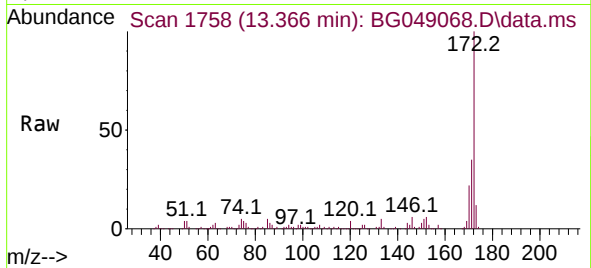




#45
2-Fluorobiphenyl
Concen: 50.96 ng
RT: 13.366 min Scan# 1758
Delta R.T. -0.017 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

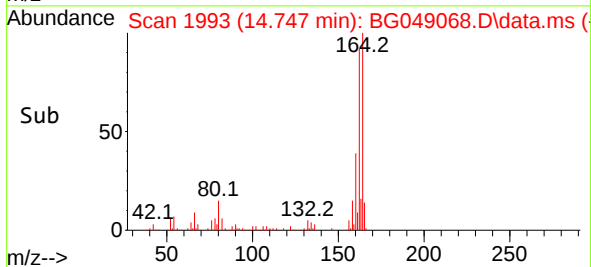
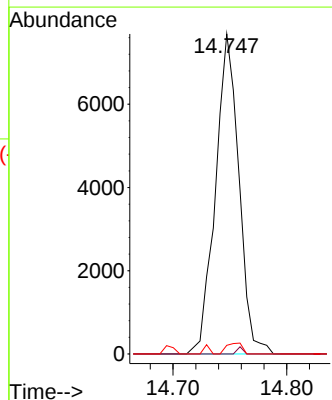
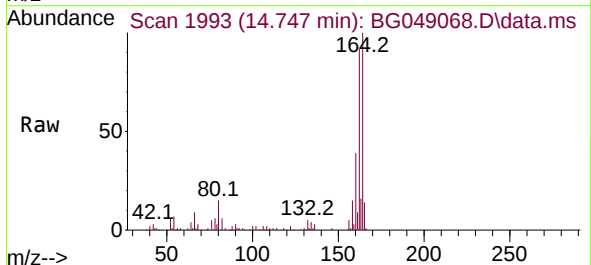
Instrument :
BNA_G
ClientSampleId :
0344-AMND-COMP-O(CL-24)RX

Tgt Ion:172 Resp: 292418
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 22.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.57 ng
RT: 14.747 min Scan# 1993
Delta R.T. 0.423 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

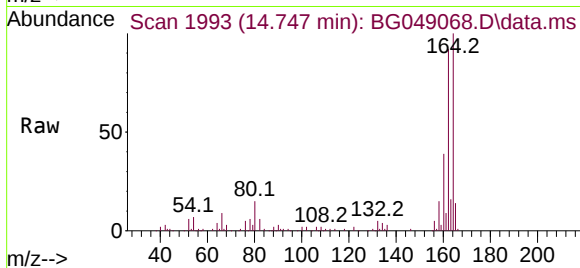
Tgt Ion:165 Resp: 11020
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.7 63.4 95.0#



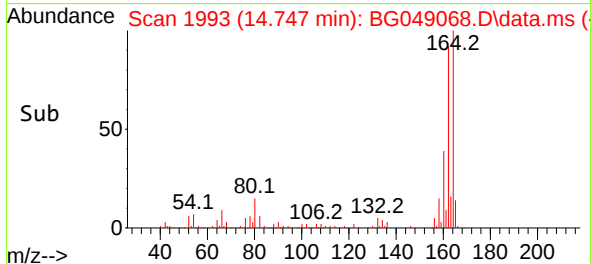
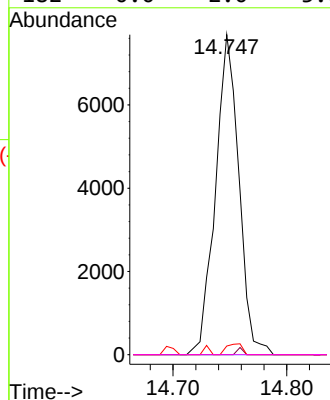


#57
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 14.747 min Scan# 1993
Delta R.T. -0.364 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

Instrument :
BNA_G
ClientSampleId :
0344-AMND-COMP-O(CL-24)RX

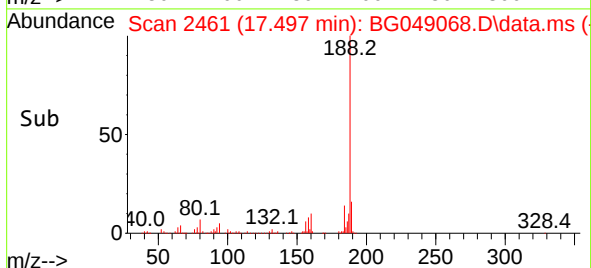
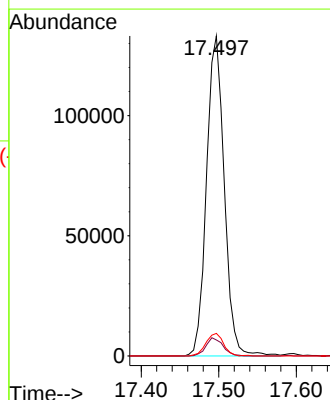
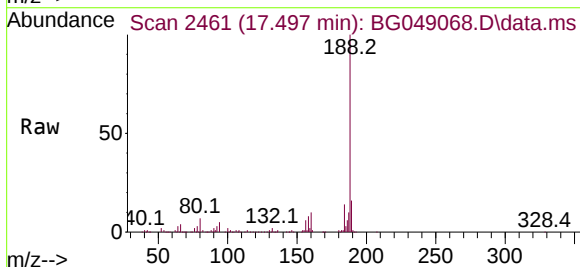


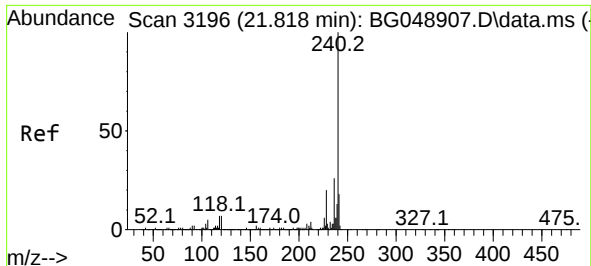
Tgt Ion:165 Resp: 11020
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.7 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2461
Delta R.T. -0.012 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

Tgt Ion:188 Resp: 211656
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 7.0 3.7 5.5#

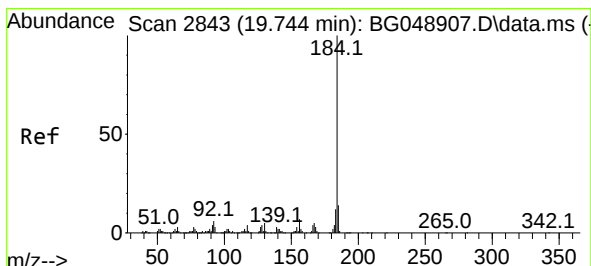
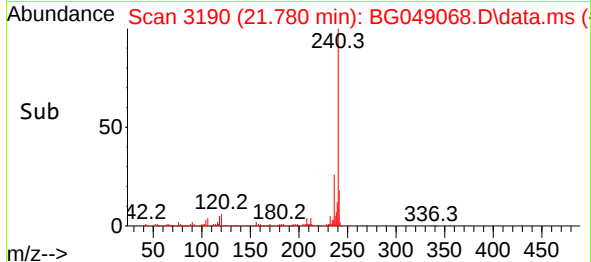
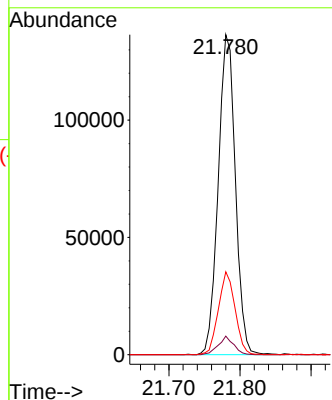
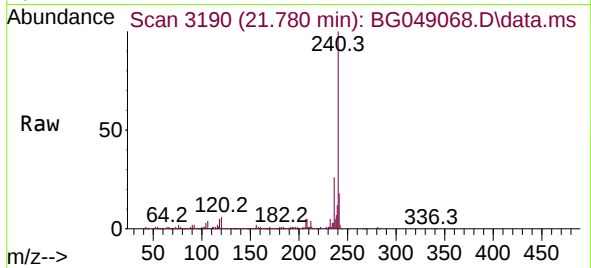




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.780 min Scan# 3190
Delta R.T. -0.017 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

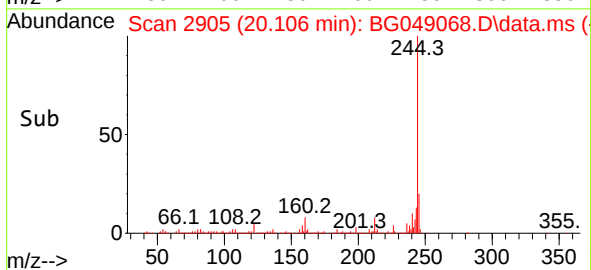
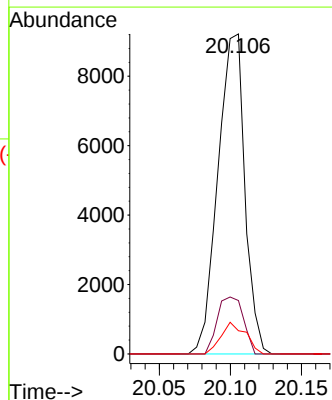
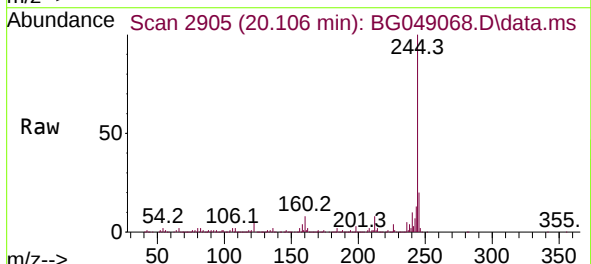
Instrument :
BNA_G
ClientSampleId :
0344-AMND-COMP-O(CL-24)RX

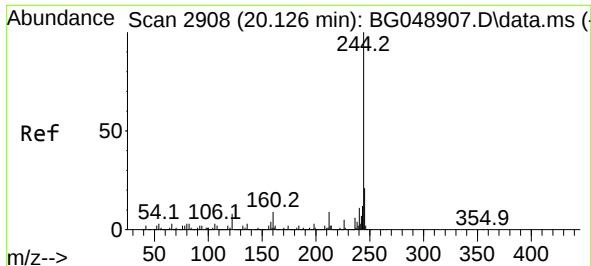
Tgt Ion:240 Resp: 228106
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.2
236 25.9 21.8 32.6



#77
Benzidine
Concen: 2.64 ng
RT: 20.106 min Scan# 2905
Delta R.T. 0.376 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

Tgt Ion:184 Resp: 12137
Ion Ratio Lower Upper
184 100
185 16.7 10.7 16.1#
183 7.3 9.4 14.0#

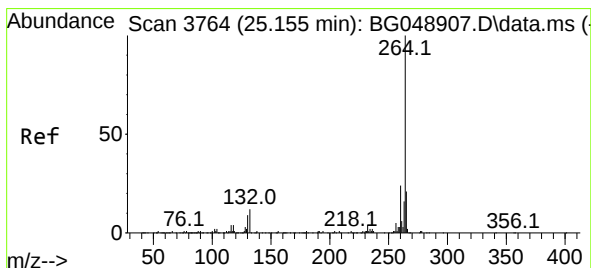
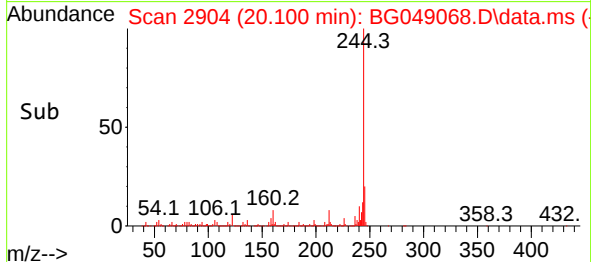
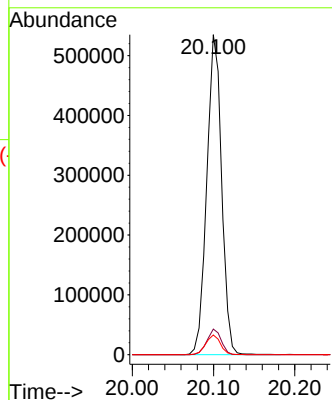
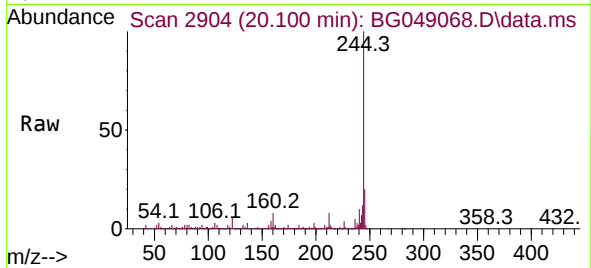




#79
Terphenyl-d14
Concen: 54.28 ng
RT: 20.100 min Scan# 2904
Delta R.T. -0.012 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

Instrument :
BNA_G
ClientSampleId :
0344-AMND-COMP-O(CL-24)RX

Tgt Ion:244 Resp: 676075
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.2 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.100 min Scan# 3755
Delta R.T. -0.029 min
Lab File: BG049068.D
Acq: 23 Jun 2021 19:32

Tgt Ion:264 Resp: 233827
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 23.1 16.9 25.3

