

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
 Data File : BG049067.D
 Acq On : 23 Jun 2021 18:51
 Operator : CG/JU
 Sample : M2709-09RX
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0248-AMND-COMP-MRX

Quant Time: Jun 24 02:18:31 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)

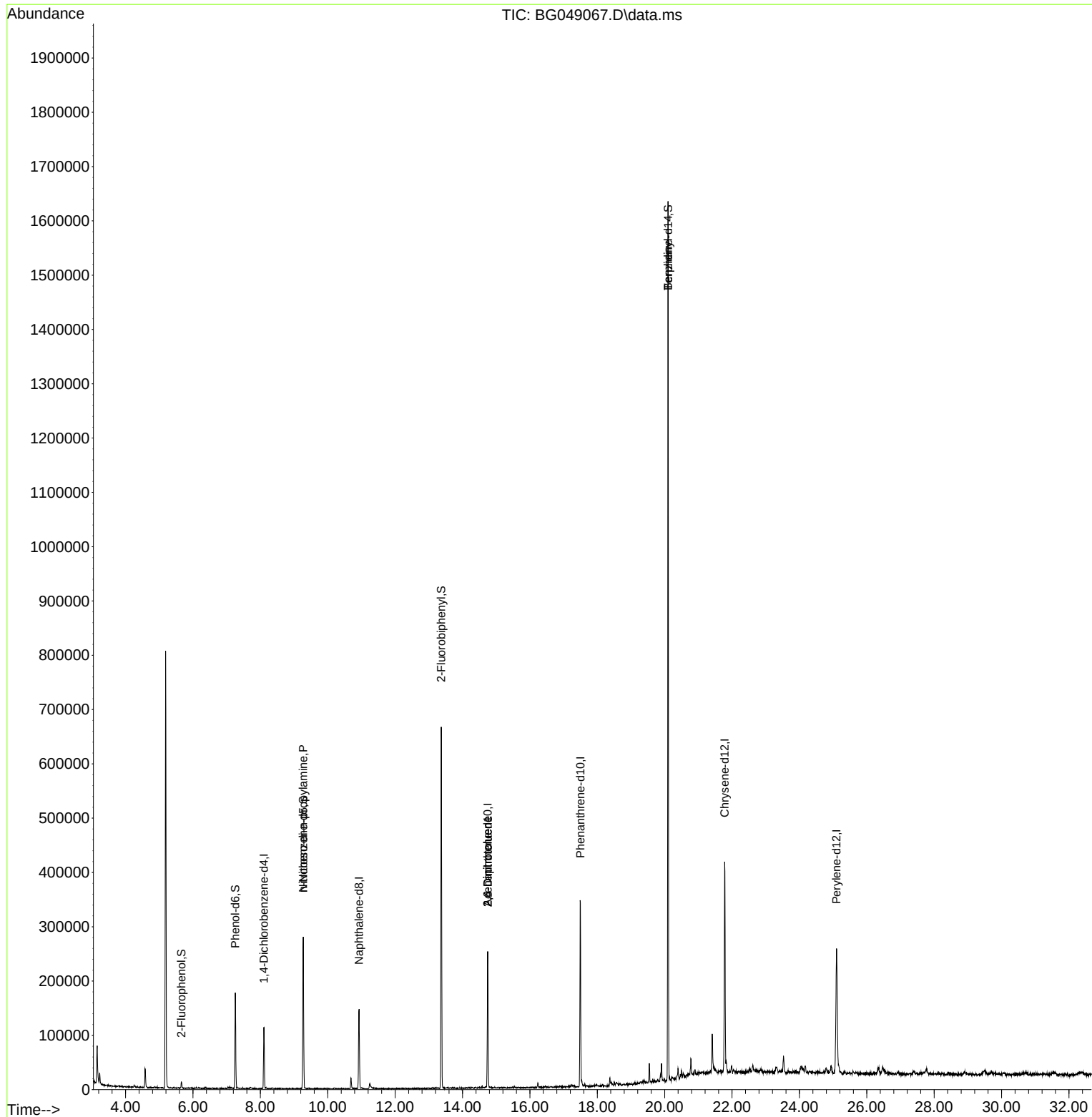
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	31296	20.00	ng	-0.01
21) Naphthalene-d8	10.929	136	124028	20.00	ng	#-0.01
39) Acenaphthene-d10	14.749	164	91167	20.00	ng	-0.01
64) Phenanthrene-d10	17.498	188	232090	20.00	ng	#-0.01
76) Chrysene-d12	21.781	240	246663	20.00	ng	-0.02
86) Perylene-d12	25.101	264	260314	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	4882	2.43	ng	0.00
7) Phenol-d6	7.257	99	88591	29.40	ng	-0.01
23) Nitrobenzene-d5	9.273	82	162319	56.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.235	330	1801	1.33	ng	-0.01
45) 2-Fluorobiphenyl	13.368	172	344964	53.45	ng	-0.02
79) Terphenyl-d14	20.101	244	739752	54.92	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.273	70	23582	10.01	ng	# 85
51) 2,6-Dinitrotoluene	14.749	165	11023	7.62	ng	# 12
57) 2,4-Dinitrotoluene	14.749	165	11023	6.21	ng	# 17
77) Benzidine	20.101	184	13437	2.70	ng	# 93

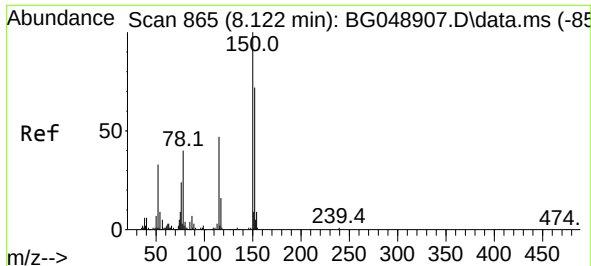
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
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Operator : CG/JU
Sample : M2709-09RX
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0248-AMND-COMP-MRX

Quant Time: Jun 24 02:18:31 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

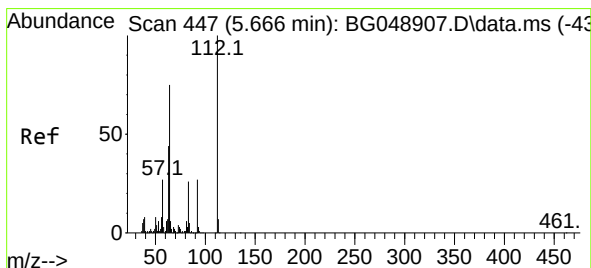
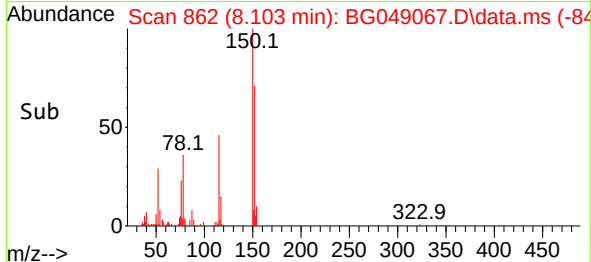
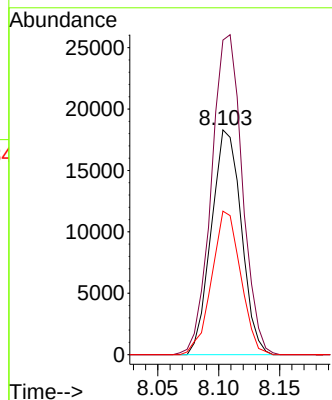
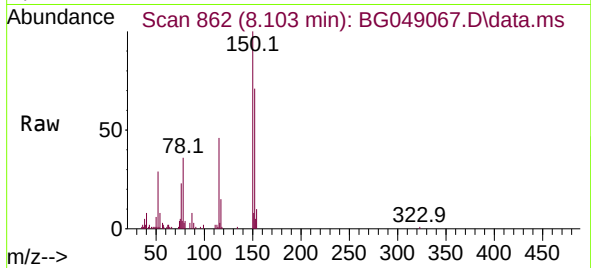




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 862
Delta R.T. -0.011 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

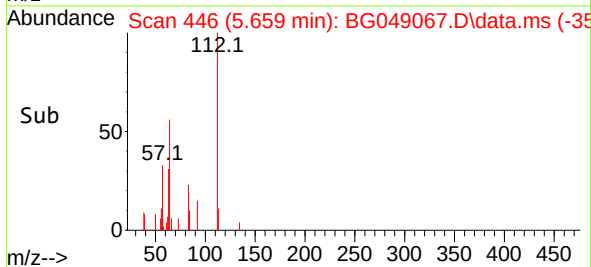
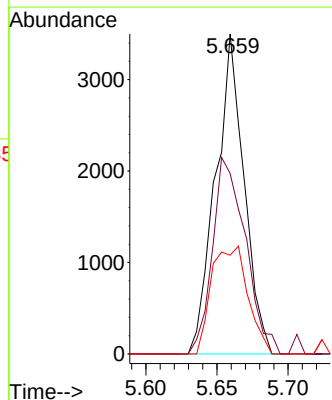
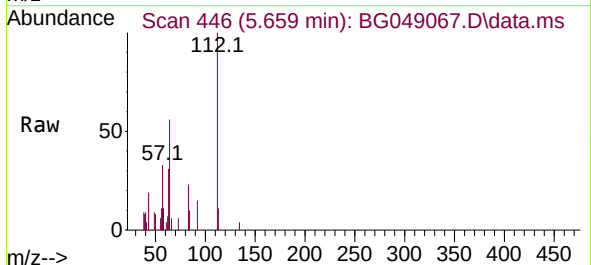
Instrument :
BNA_G
ClientSampleId :
0248-AMND-COMP-MRX

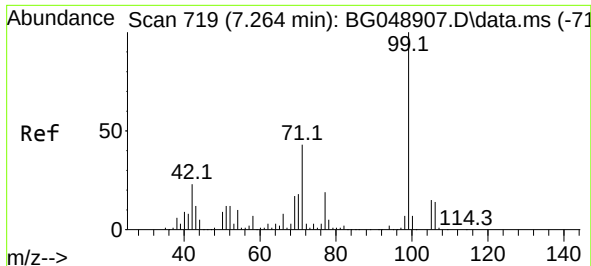
Tgt Ion:152 Resp: 31296
Ion Ratio Lower Upper
152 100
150 139.9 119.4 179.0
115 63.8 60.2 90.4



#5
2-Fluorophenol
Concen: 2.43 ng
RT: 5.659 min Scan# 446
Delta R.T. -0.004 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

Tgt Ion:112 Resp: 4882
Ion Ratio Lower Upper
112 100
64 56.4 46.7 70.1
63 30.8 35.3 52.9#

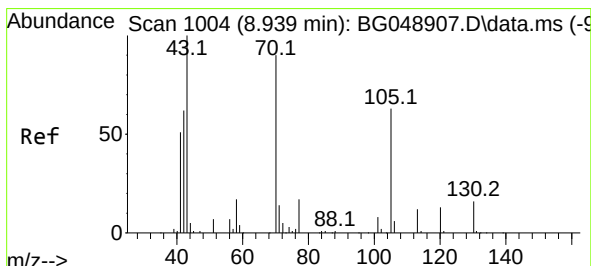
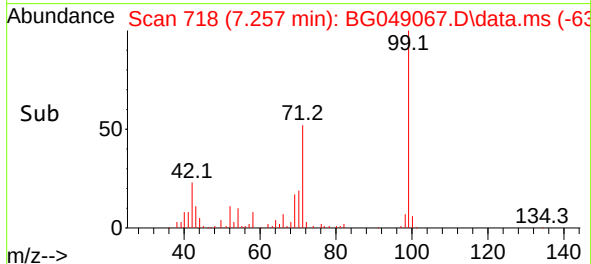
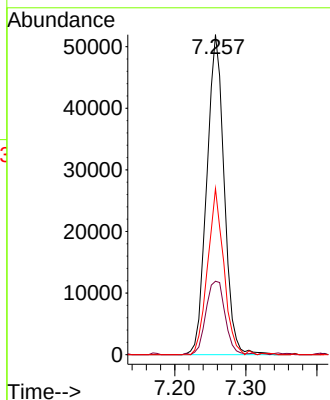
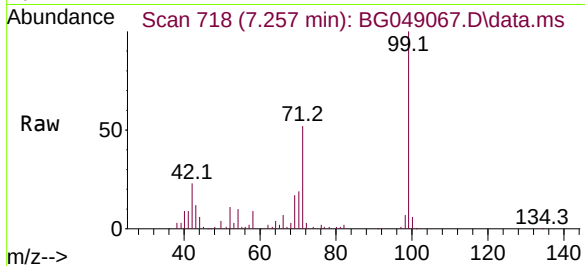




#7
Phenol-d6
Concen: 29.40 ng
RT: 7.257 min Scan# 718
Delta R.T. -0.010 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

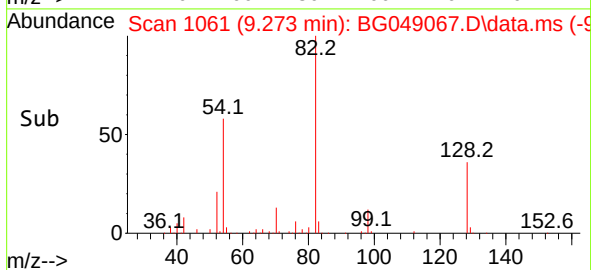
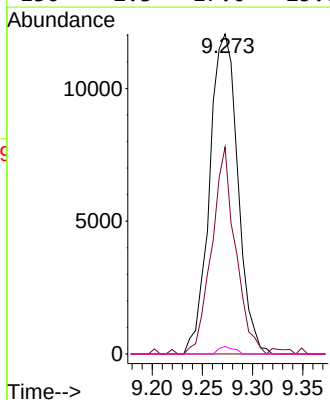
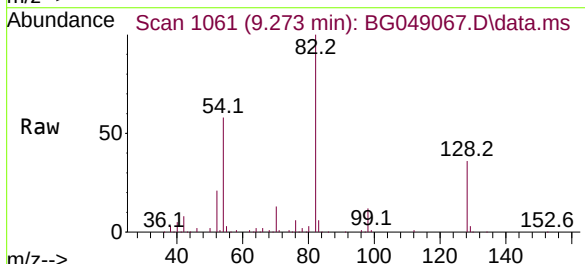
Instrument :
BNA_G
ClientSampleId :
0248-AMND-COMP-MRX

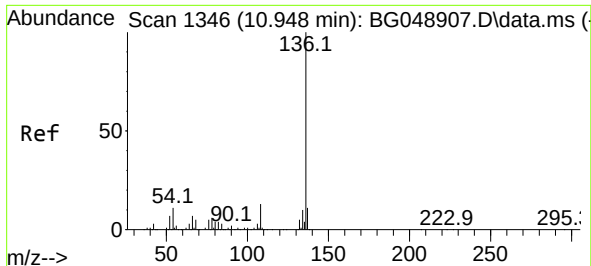
Tgt Ion: 99 Resp: 88591
Ion Ratio Lower Upper
99 100
42 23.0 20.5 30.7
71 51.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.01 ng
RT: 9.273 min Scan# 1061
Delta R.T. 0.348 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

Tgt Ion: 70 Resp: 23582
Ion Ratio Lower Upper
70 100
42 64.6 54.5 81.7
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#

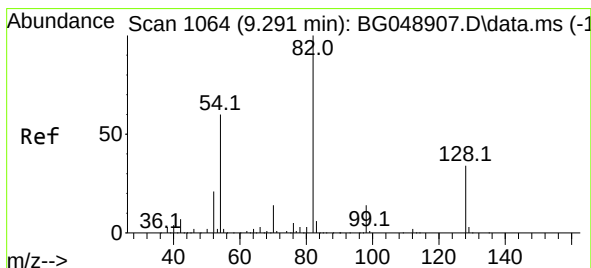
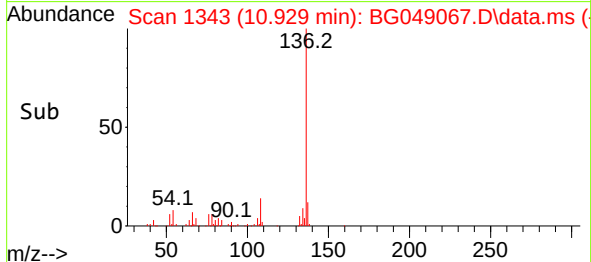
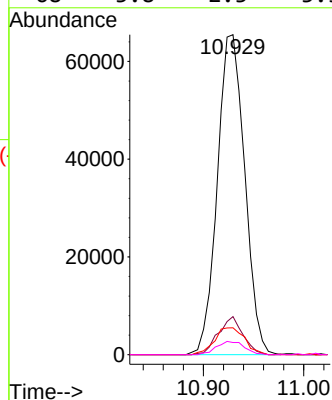
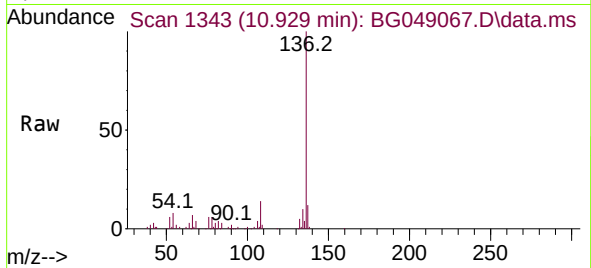




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1343
Delta R.T. -0.010 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

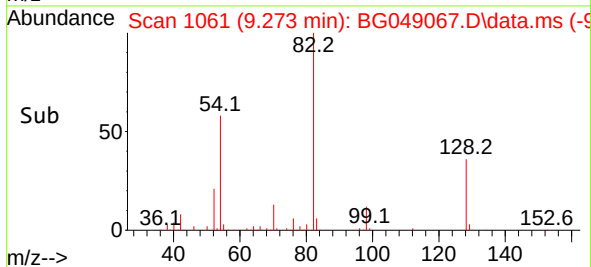
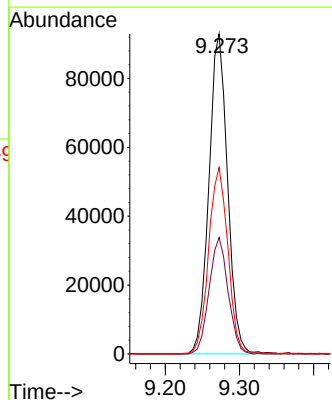
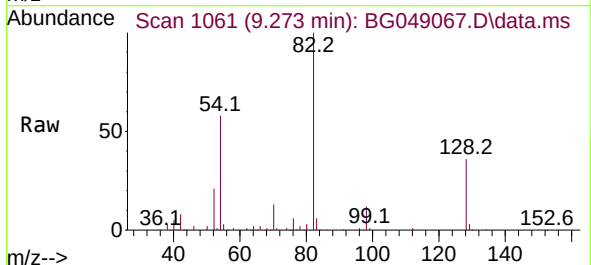
Instrument :
BNA_G
ClientSampleId :
0248-AMND-COMP-MRX

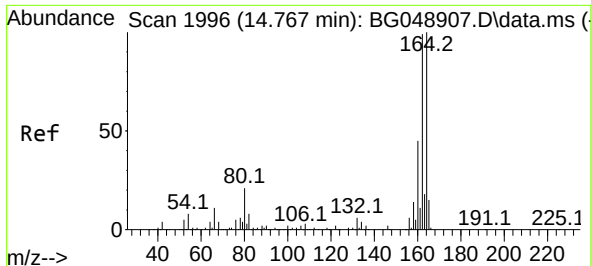
Tgt Ion:136 Resp: 124028
Ion Ratio Lower Upper
136 100
137 11.9 8.2 12.2
54 8.4 5.5 8.3#
68 3.8 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 56.43 ng
RT: 9.273 min Scan# 1061
Delta R.T. -0.010 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

Tgt Ion: 82 Resp: 162319
Ion Ratio Lower Upper
82 100
128 36.4 29.8 44.6
54 58.3 45.8 68.8

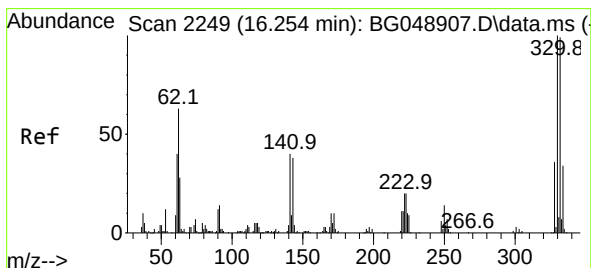
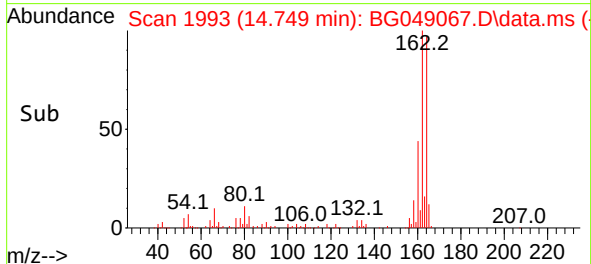
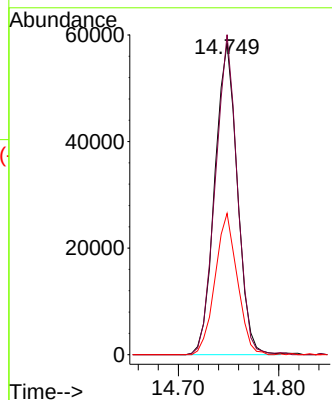
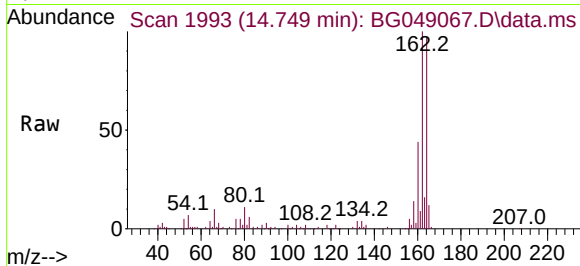




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.749 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

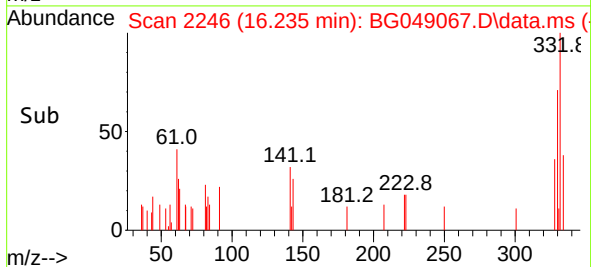
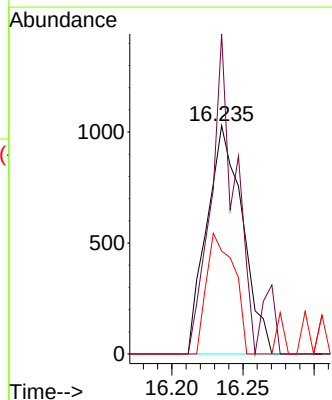
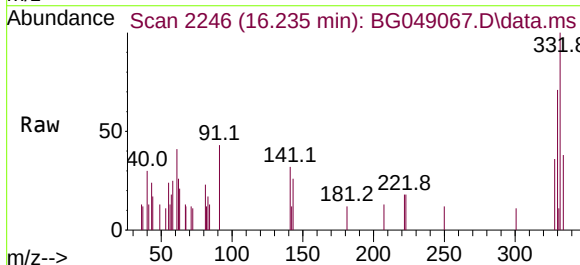
Instrument :
BNA_G
ClientSampleId :
0248-AMND-COMP-MRX

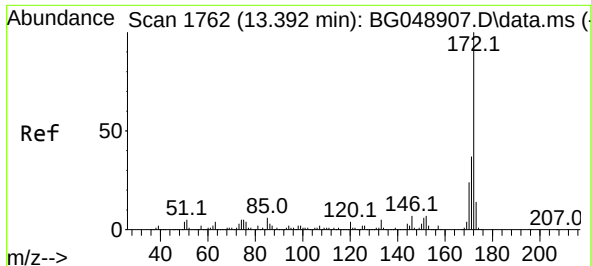
Tgt Ion:164	Resp:	91167
Ion Ratio	Lower	Upper
164	100	
162	102.8	81.4 122.0
160	45.4	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 1.33 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.010 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

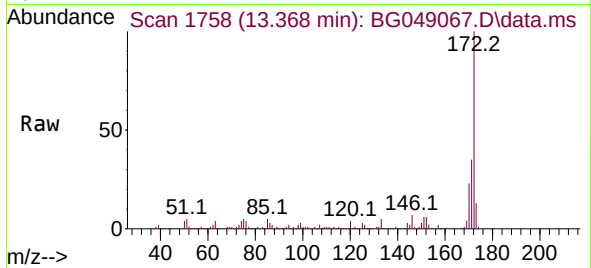
Tgt Ion:330	Resp:	1801
Ion Ratio	Lower	Upper
330	100	
332	94.8	77.3 115.9
141	40.6	35.6 53.4



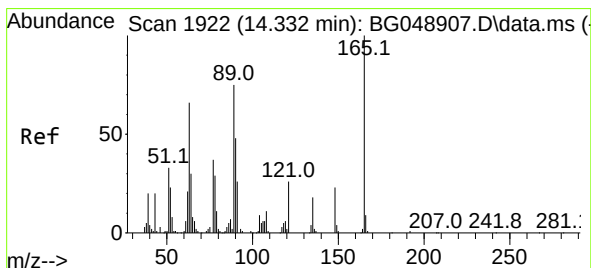
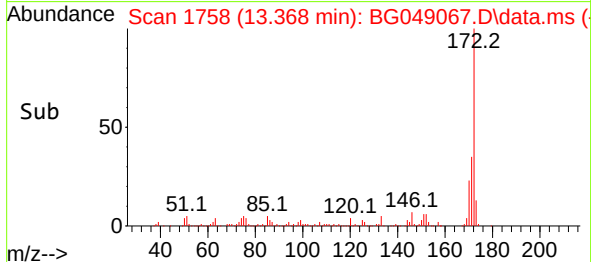
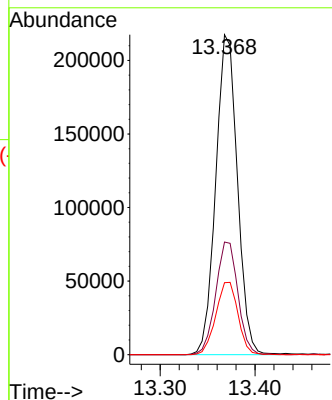


#45
2-Fluorobiphenyl
Concen: 53.45 ng
RT: 13.368 min Scan# 1758
Delta R.T. -0.016 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

Instrument :
BNA_G
ClientSampleId :
0248-AMND-COMP-MRX

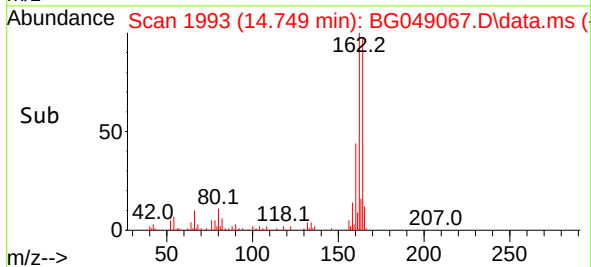
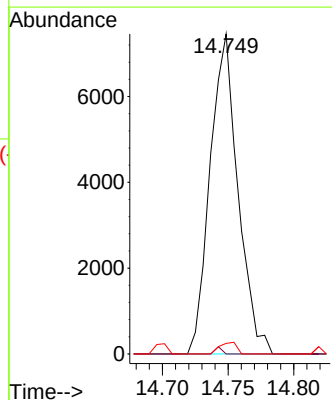
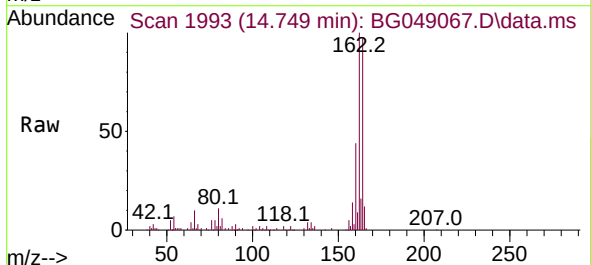


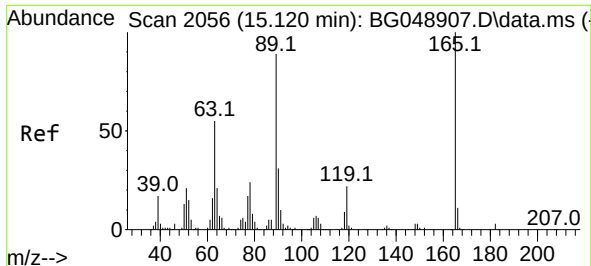
Tgt Ion:172 Resp: 344964
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 22.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 14.749 min Scan# 1993
Delta R.T. 0.425 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

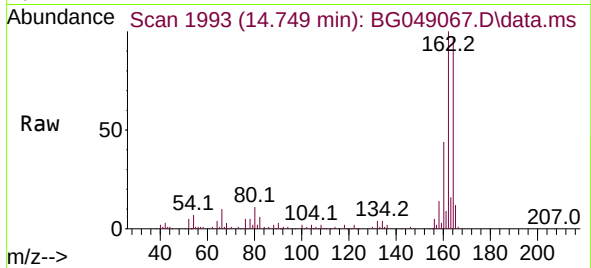
Tgt Ion:165 Resp: 11023
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.3 63.4 95.0#



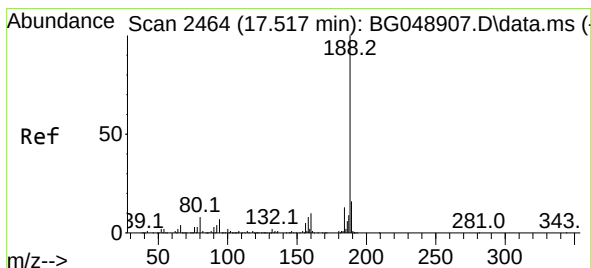
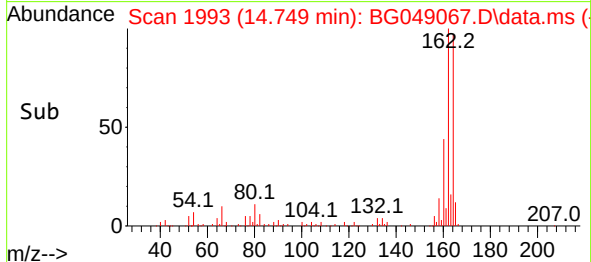
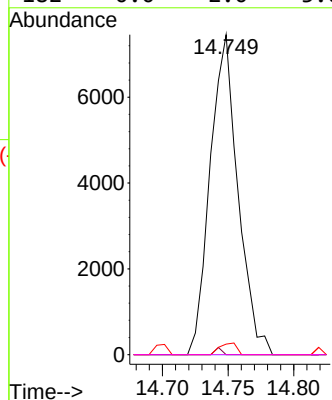


#57
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 14.749 min Scan# 1993
Delta R.T. -0.363 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

Instrument :
BNA_G
ClientSampleId :
0248-AMND-COMP-MRX

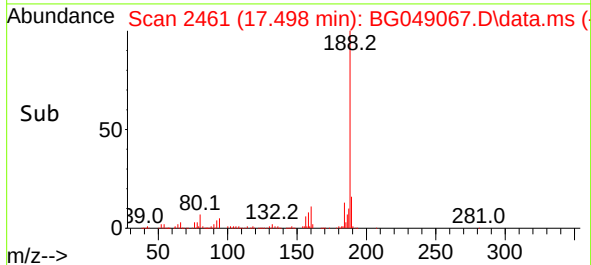
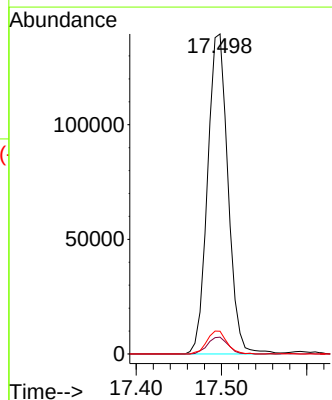
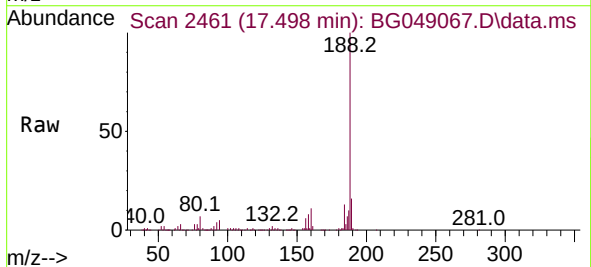


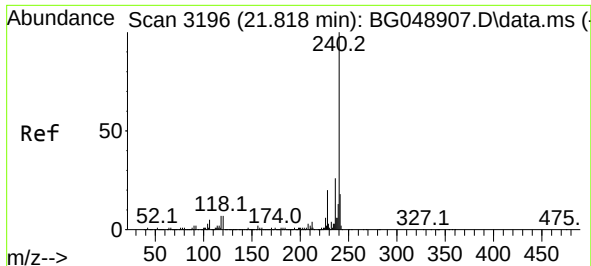
Tgt Ion:165 Resp: 11023
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.3 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2461
Delta R.T. -0.010 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

Tgt Ion:188 Resp: 232090
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 7.1 3.7 5.5#

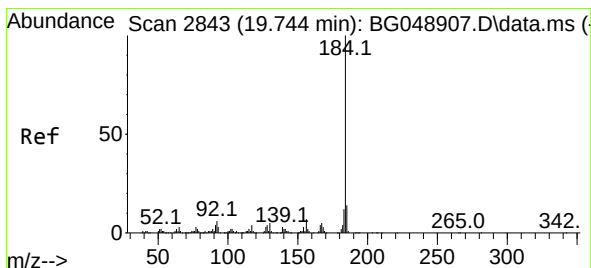
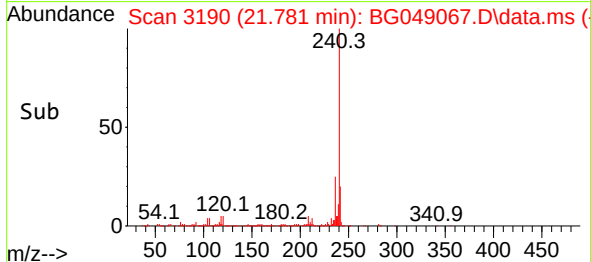
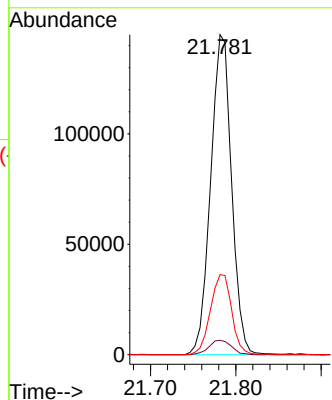
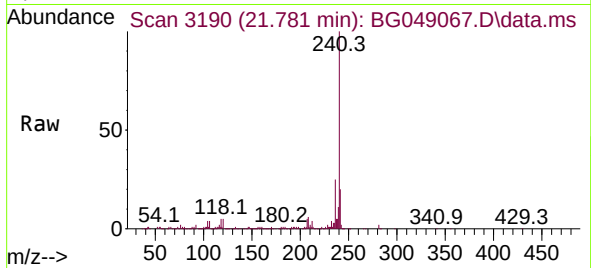




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3190
Delta R.T. -0.016 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

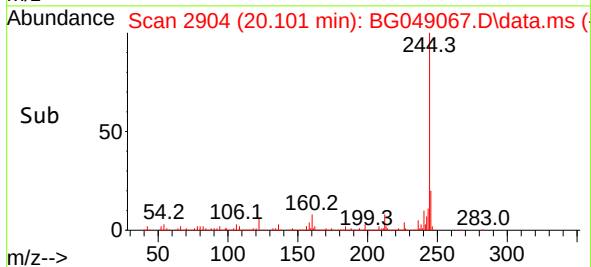
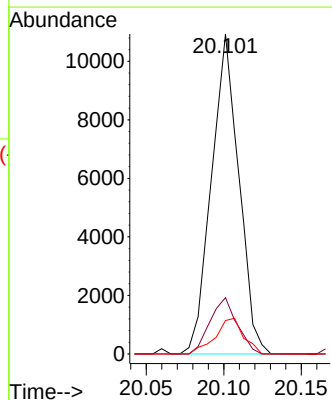
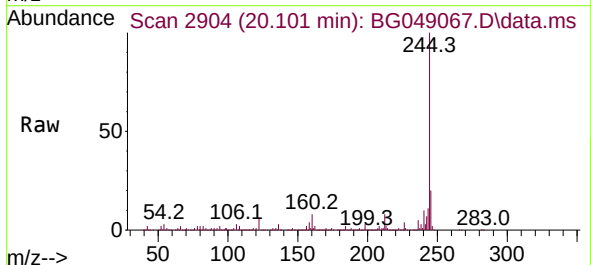
Instrument :
BNA_G
ClientSampleId :
0248-AMND-COMP-MRX

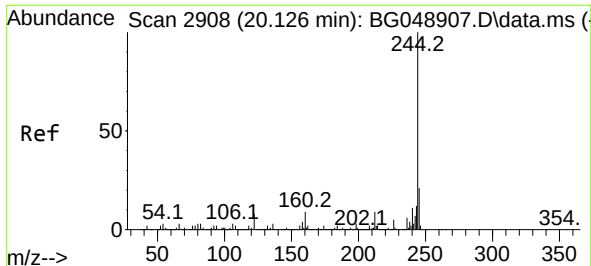
Tgt Ion:240 Resp: 246663
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 25.0 21.8 32.6



#77
Benzidine
Concen: 2.70 ng
RT: 20.101 min Scan# 2904
Delta R.T. 0.372 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

Tgt Ion:184 Resp: 13437
Ion Ratio Lower Upper
184 100
185 17.6 10.7 16.1#
183 10.5 9.4 14.0

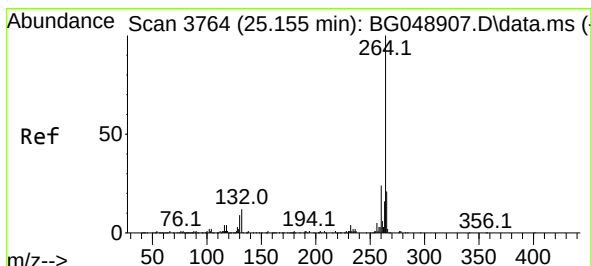
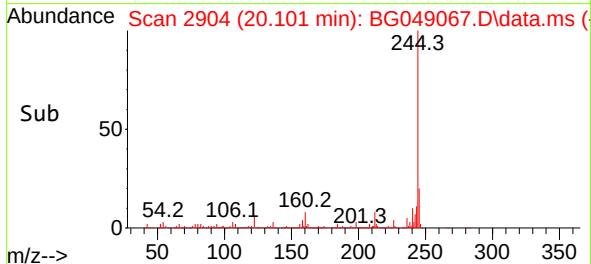
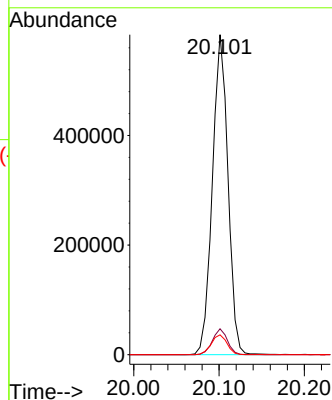
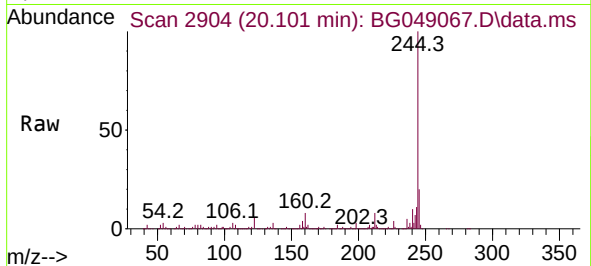




#79
Terphenyl-d14
Concen: 54.92 ng
RT: 20.101 min Scan# 2904
Delta R.T. -0.010 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

Instrument :
BNA_G
ClientSampleId :
0248-AMND-COMP-MRX

Tgt Ion:244 Resp: 739752
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.2 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.101 min Scan# 3755
Delta R.T. -0.028 min
Lab File: BG049067.D
Acq: 23 Jun 2021 18:51

Tgt Ion:264 Resp: 260314
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 20.5 16.9 25.3

