

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
 Data File : BG049054.D
 Acq On : 23 Jun 2021 00:05
 Operator : CG/JU
 Sample : M2687-20RX
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-03RX

Quant Time: Jun 23 06:40:08 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)

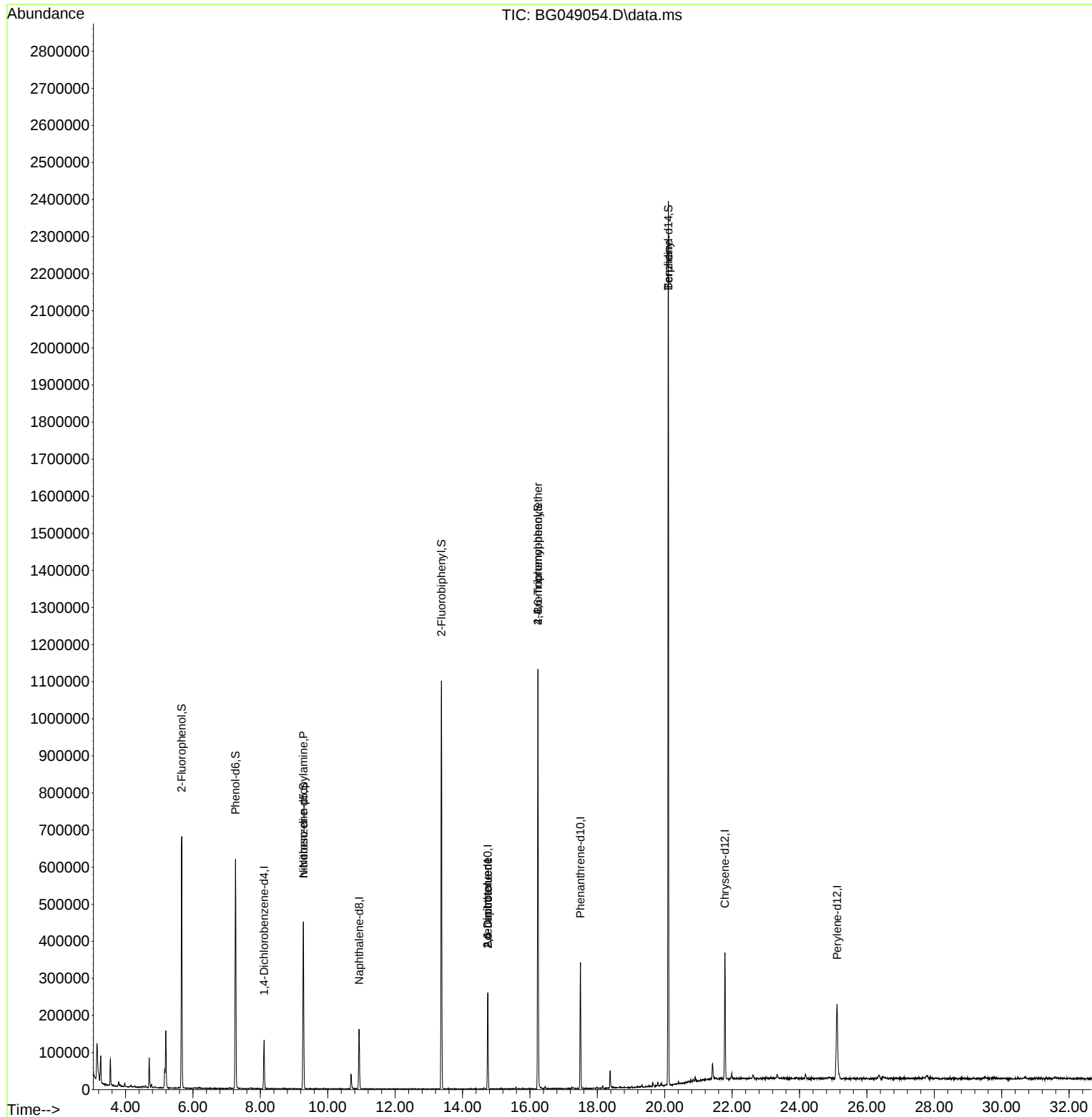
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	32035	20.00	ng	0.00
21) Naphthalene-d8	10.930	136	130918	20.00	ng	# 0.00
39) Acenaphthene-d10	14.749	164	96337	20.00	ng	0.00
64) Phenanthrene-d10	17.499	188	218954	20.00	ng	# 0.00
76) Chrysene-d12	21.788	240	218222	20.00	ng	0.00
86) Perylene-d12	25.114	264	231972	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	265218	128.88	ng	0.00
7) Phenol-d6	7.264	99	310642	100.71	ng	0.00
23) Nitrobenzene-d5	9.273	82	271761	89.51	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	221866	155.45	ng	0.00
45) 2-Fluorobiphenyl	13.374	172	563631	82.65	ng	0.00
79) Terphenyl-d14	20.108	244	1123711	94.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.273	70	40489	16.79	ng	# 75
51) 2,6-Dinitrotoluene	14.749	165	12698	8.31	ng	# 13
57) 2,4-Dinitrotoluene	14.749	165	12698	6.76	ng	# 18
67) 4-Bromophenyl-phenylether	16.236	248	12946	4.74	ng	# 1
77) Benzidine	20.108	184	21176	4.82	ng	# 96

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

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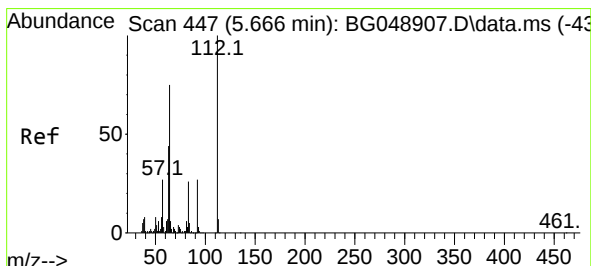
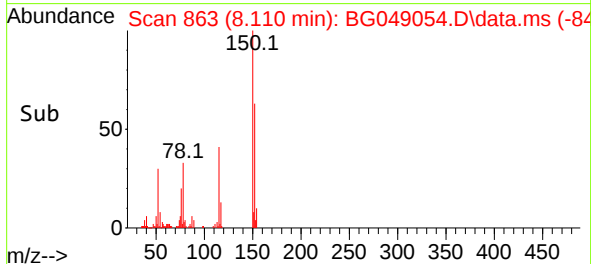
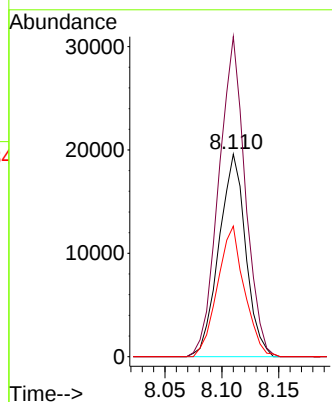
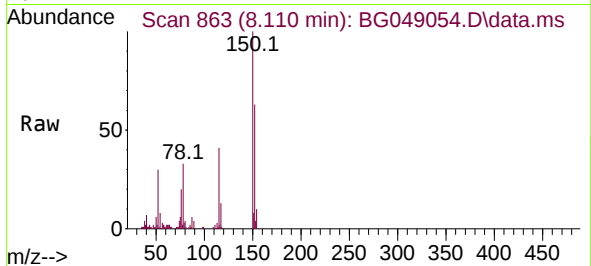




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.110 min Scan# 863
Delta R.T. -0.004 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

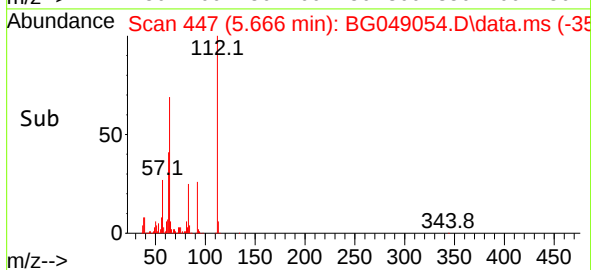
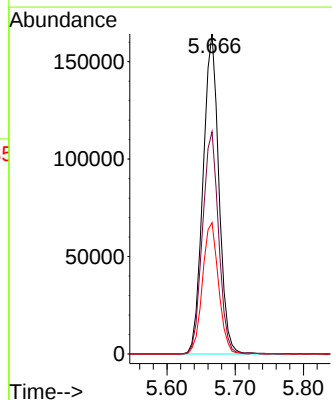
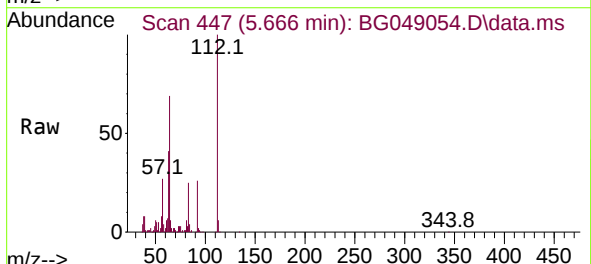
Instrument :
BNA_G
ClientSampleId :
DUP-03RX

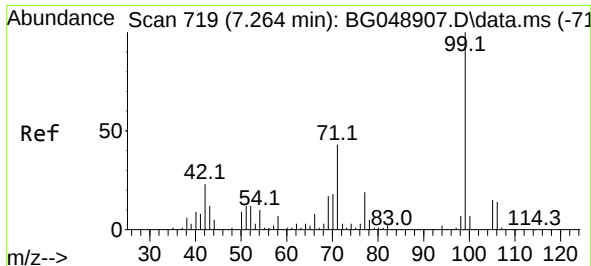
Tgt Ion:152 Resp: 32035
Ion Ratio Lower Upper
152 100
150 158.0 119.4 179.0
115 64.5 60.2 90.4



#5
2-Fluorophenol
Concen: 128.88 ng
RT: 5.666 min Scan# 447
Delta R.T. 0.002 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

Tgt Ion:112 Resp: 265218
Ion Ratio Lower Upper
112 100
64 69.5 46.7 70.1
63 41.0 35.3 52.9

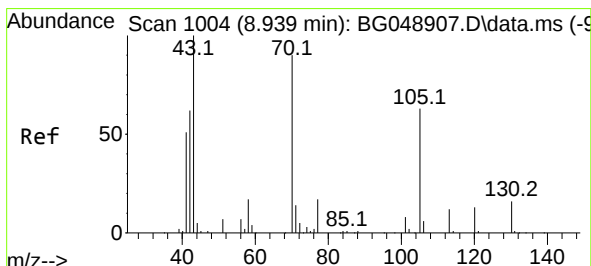
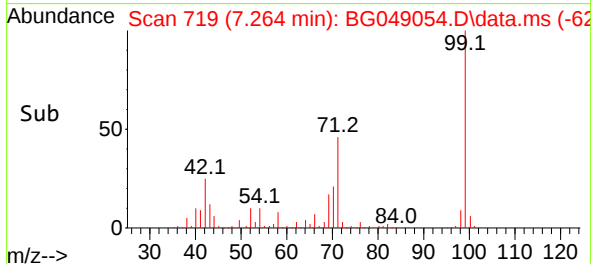
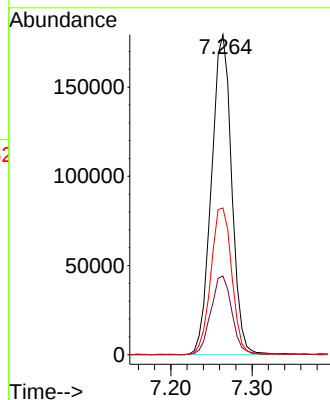
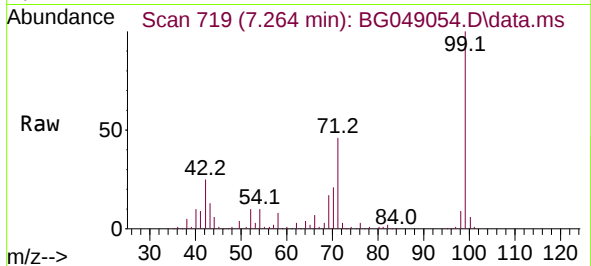




#7
Phenol-d6
Concen: 100.71 ng
RT: 7.264 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

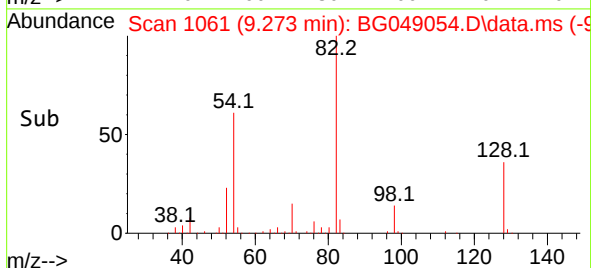
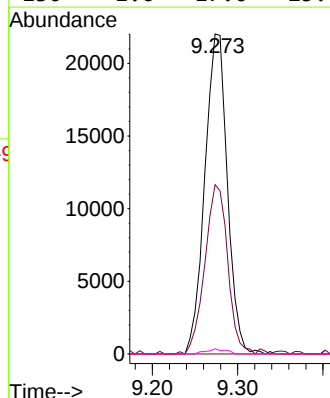
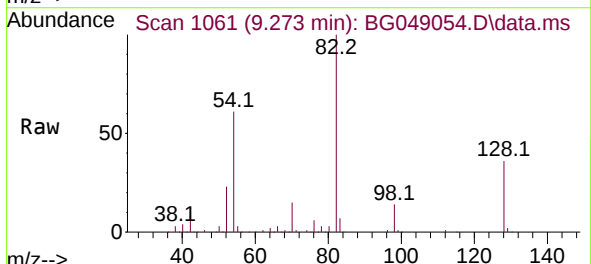
Instrument :
BNA_G
ClientSampleId :
DUP-03RX

Tgt Ion: 99 Resp: 310642
Ion Ratio Lower Upper
99 100
42 24.6 20.5 30.7
71 45.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.79 ng
RT: 9.273 min Scan# 1061
Delta R.T. 0.349 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

Tgt Ion: 70 Resp: 40489
Ion Ratio Lower Upper
70 100
42 52.9 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#

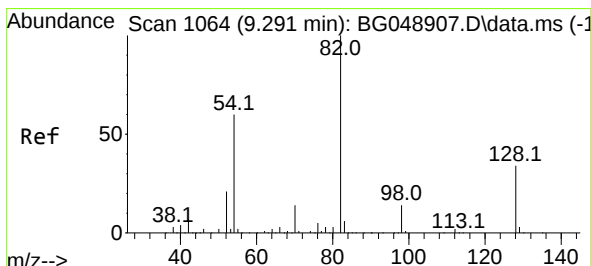
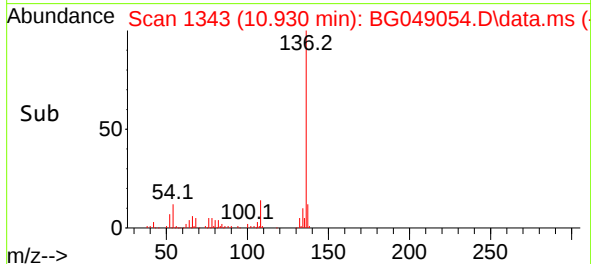
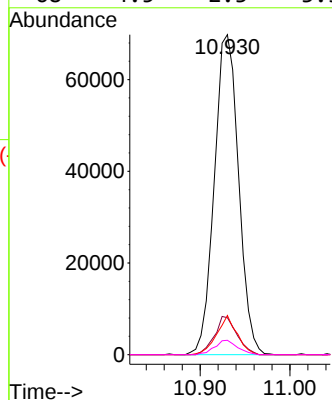
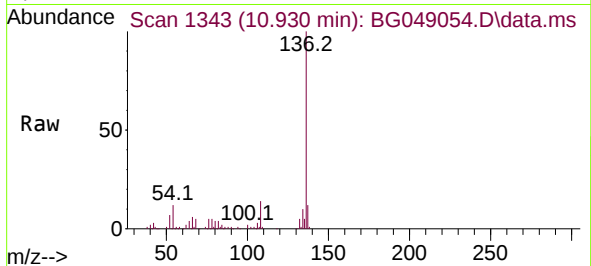




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.930 min Scan# 1343
Delta R.T. -0.009 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

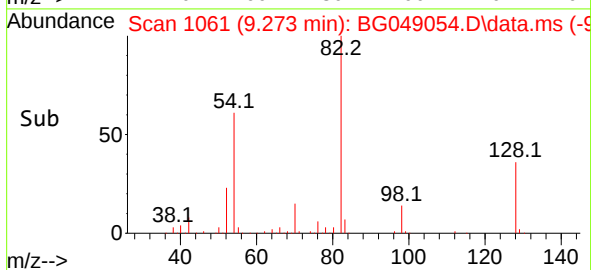
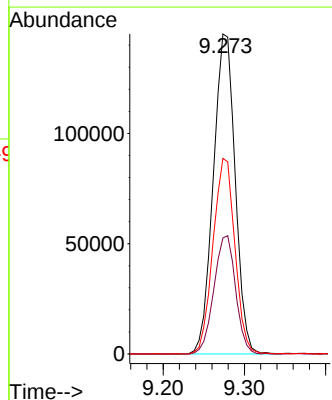
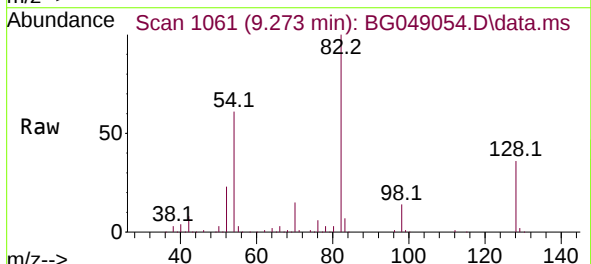
Instrument :
BNA_G
ClientSampleId :
DUP-03RX

Tgt Ion:	136	Resp:	130918
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.2	12.2
54	12.3	5.5	8.3#
68	4.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 89.51 ng
RT: 9.273 min Scan# 1061
Delta R.T. -0.009 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

Tgt Ion:	82	Resp:	271761
Ion Ratio	Lower	Upper	
82	100		
128	36.2	29.8	44.6
54	61.1	45.8	68.8

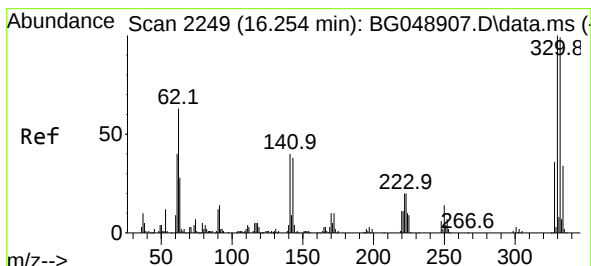
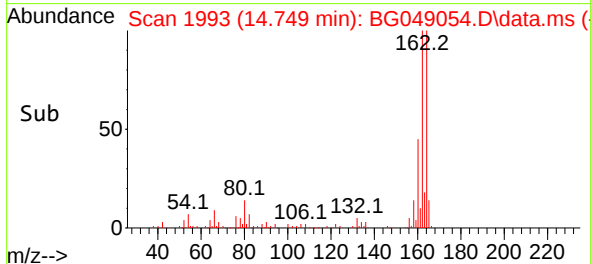
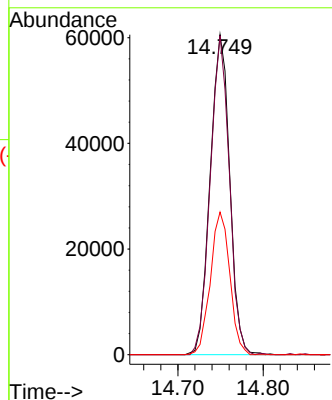
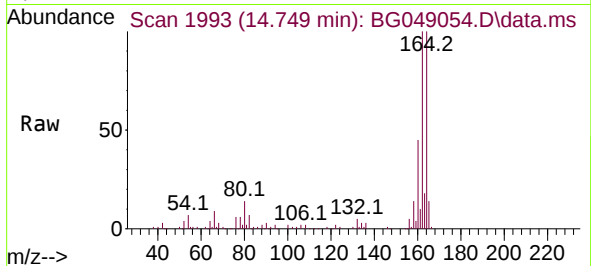




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.749 min Scan# 1993
Delta R.T. -0.009 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

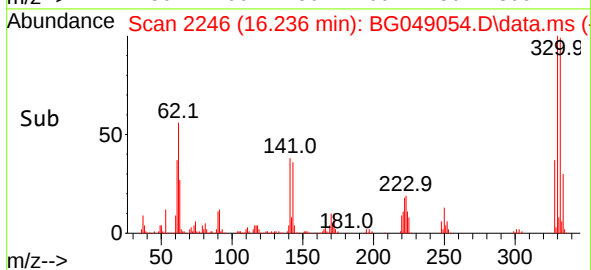
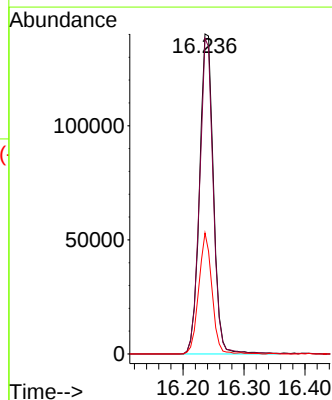
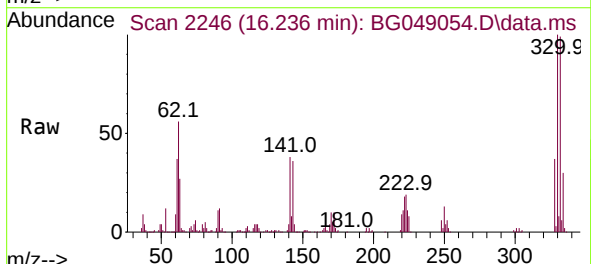
Instrument :
BNA_G
ClientSampleId :
DUP-03RX

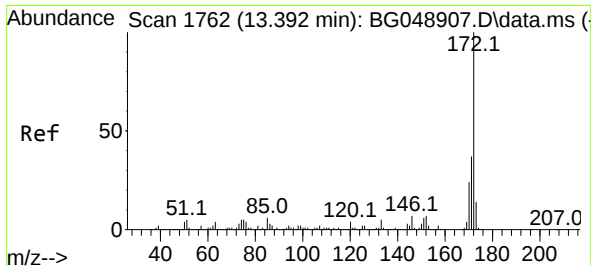
Tgt Ion:164 Resp: 96337
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 44.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 155.45 ng
RT: 16.236 min Scan# 2246
Delta R.T. -0.009 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

Tgt Ion:330 Resp: 221866
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 35.8 35.6 53.4

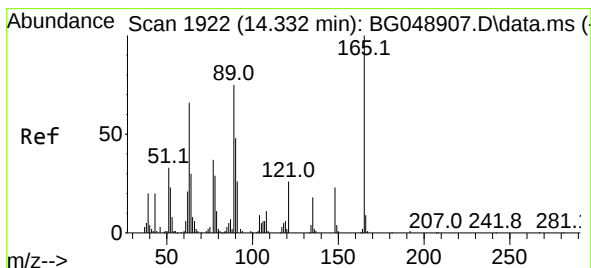
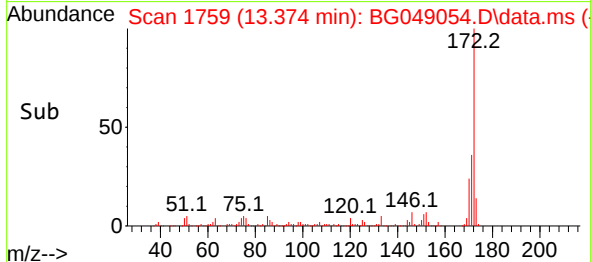
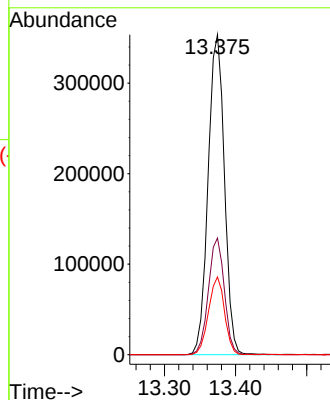
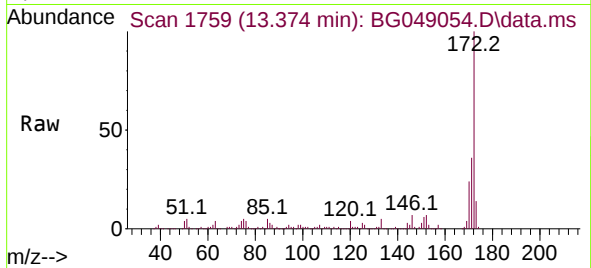




#45
2-Fluorobiphenyl
Concen: 82.65 ng
RT: 13.374 min Scan# 1759
Delta R.T. -0.009 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

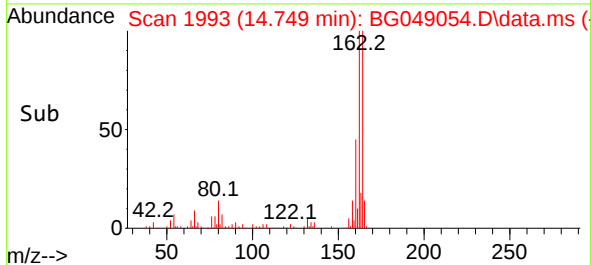
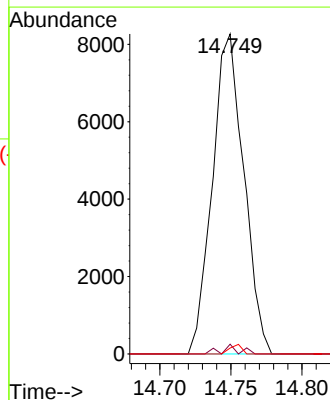
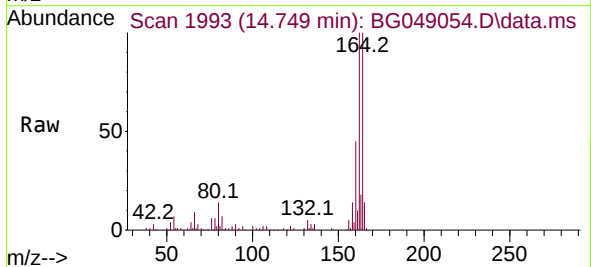
Instrument :
BNA_G
ClientSampleId :
DUP-03RX

Tgt Ion:172 Resp: 563631
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 14.749 min Scan# 1993
Delta R.T. 0.425 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

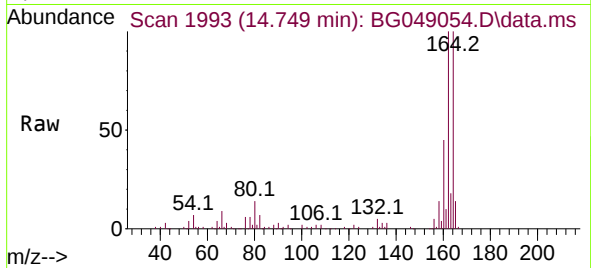
Tgt Ion:165 Resp: 12698
Ion Ratio Lower Upper
165 100
63 3.1 63.3 94.9#
89 1.9 63.4 95.0#



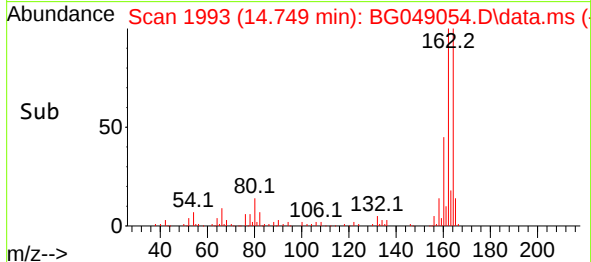
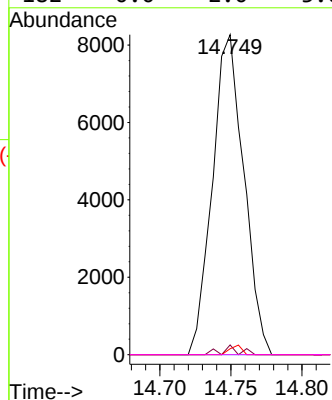


#57
2,4-Dinitrotoluene
Concen: 6.76 ng
RT: 14.749 min Scan# 1993
Delta R.T. -0.362 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

Instrument :
BNA_G
ClientSampleId :
DUP-03RX

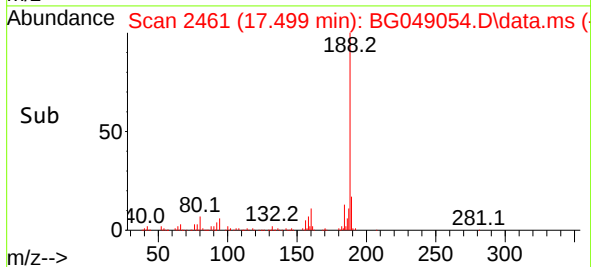
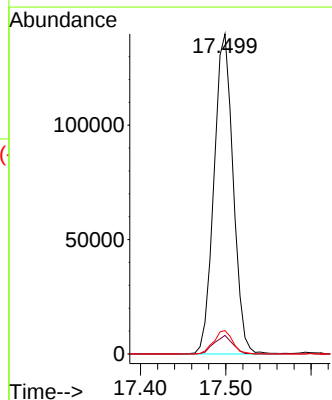
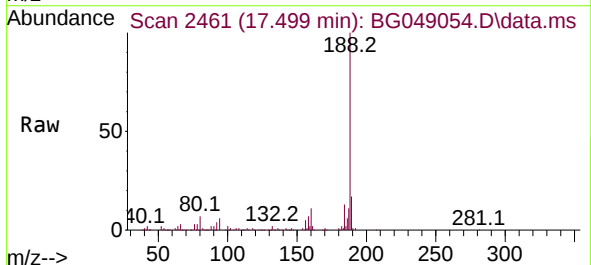


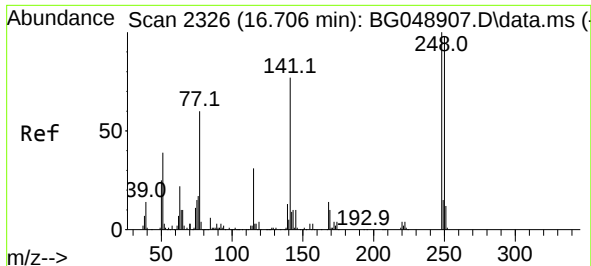
Tgt Ion:165 Resp: 12698
Ion Ratio Lower Upper
165 100
63 3.1 48.0 72.0#
89 1.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

Tgt Ion:188 Resp: 218954
Ion Ratio Lower Upper
188 100
94 5.8 5.4 8.0
80 7.3 3.7 5.5#

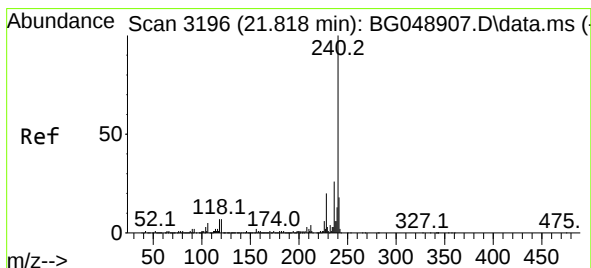
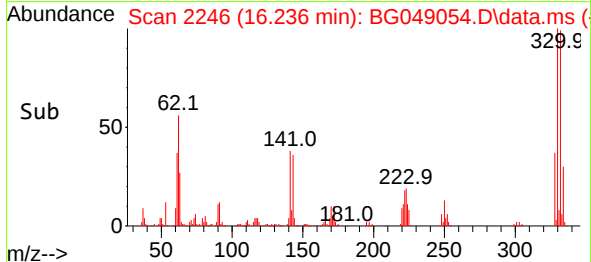
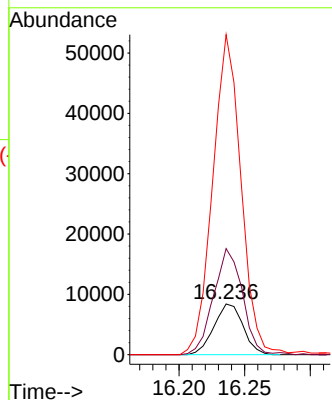
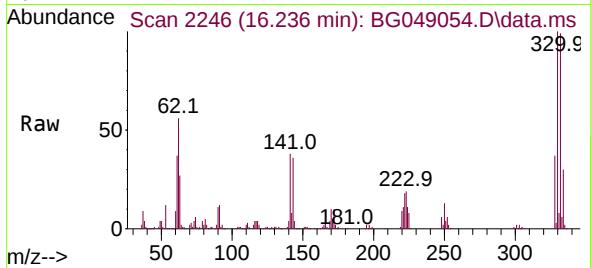




#67
4-Bromophenyl-phenylether
Concen: 4.74 ng
RT: 16.236 min Scan# 2246
Delta R.T. -0.456 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

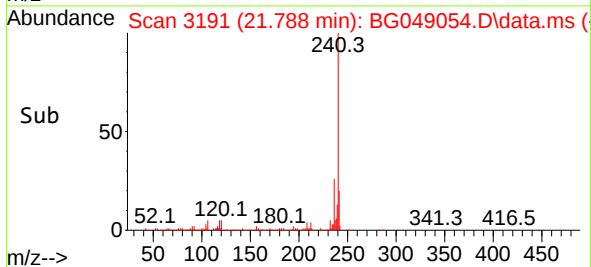
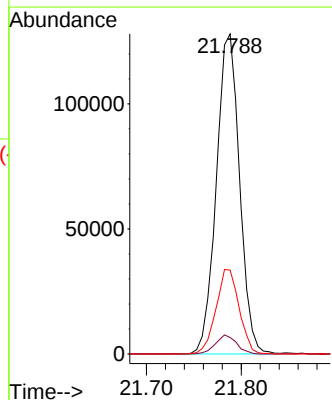
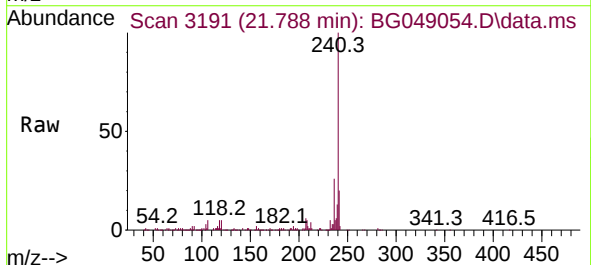
Instrument :
BNA_G
ClientSampleId :
DUP-03RX

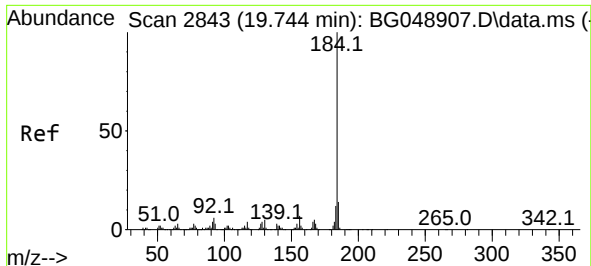
Tgt Ion:248 Resp: 12946
Ion Ratio Lower Upper
248 100
250 209.1 76.1 114.1#
141 631.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3191
Delta R.T. -0.009 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

Tgt Ion:240 Resp: 218222
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 26.2 21.8 32.6

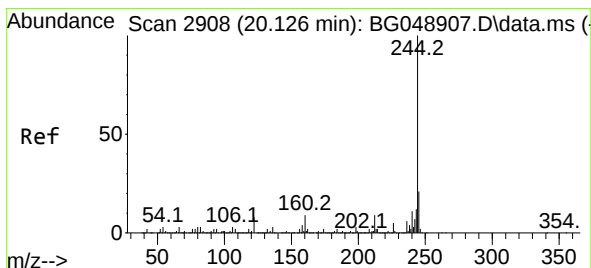
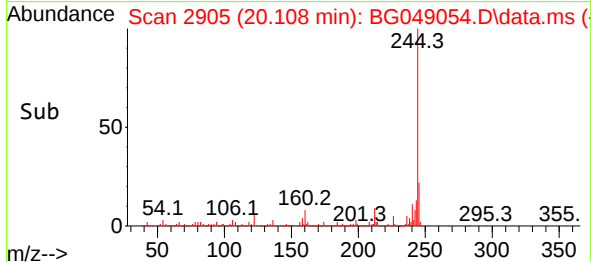
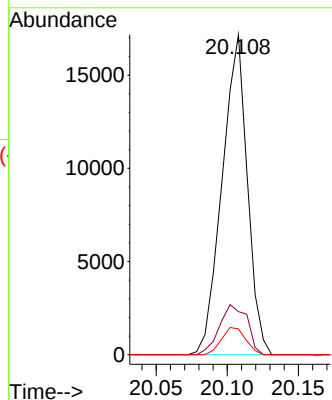
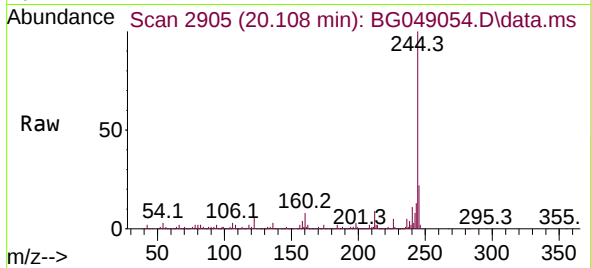




#77
Benzidine
Concen: 4.82 ng
RT: 20.108 min Scan# 2905
Delta R.T. 0.378 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

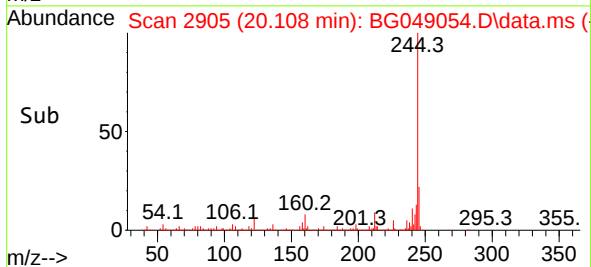
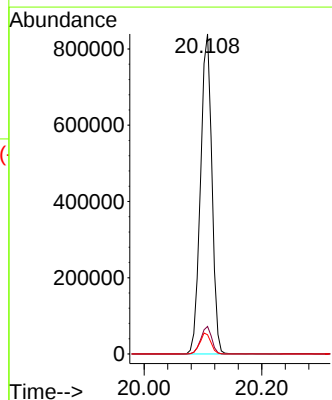
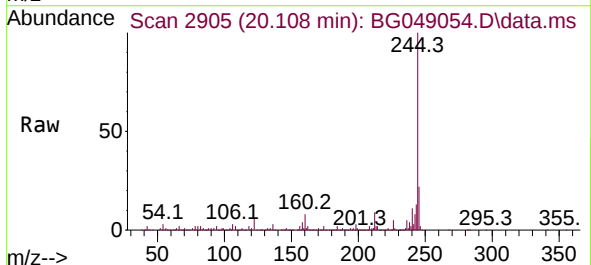
Instrument :
BNA_G
ClientSampleId :
DUP-03RX

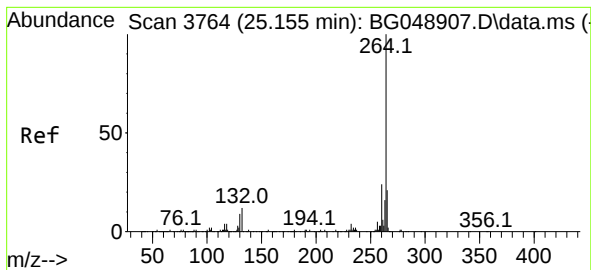
Tgt Ion:184 Resp: 21176
Ion Ratio Lower Upper
184 100
185 13.4 10.7 16.1
183 8.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 94.31 ng
RT: 20.108 min Scan# 2905
Delta R.T. -0.003 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

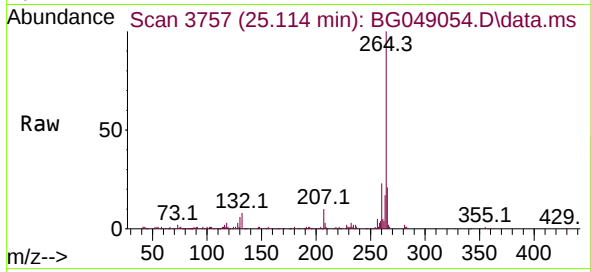
Tgt Ion:244 Resp: 1123711
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 6.0 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.114 min Scan# 3757
Delta R.T. -0.015 min
Lab File: BG049054.D
Acq: 23 Jun 2021 00:05

Instrument :
BNA_G
ClientSampleId :
DUP-03RX



Tgt Ion:264 Resp: 231972

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.1	16.9	25.3

