

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
 Data File : BG049109.D
 Acq On : 26 Jun 2021 15:12
 Operator : CG/JU
 Sample : M2851-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-07

Quant Time: Jun 27 04:31:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

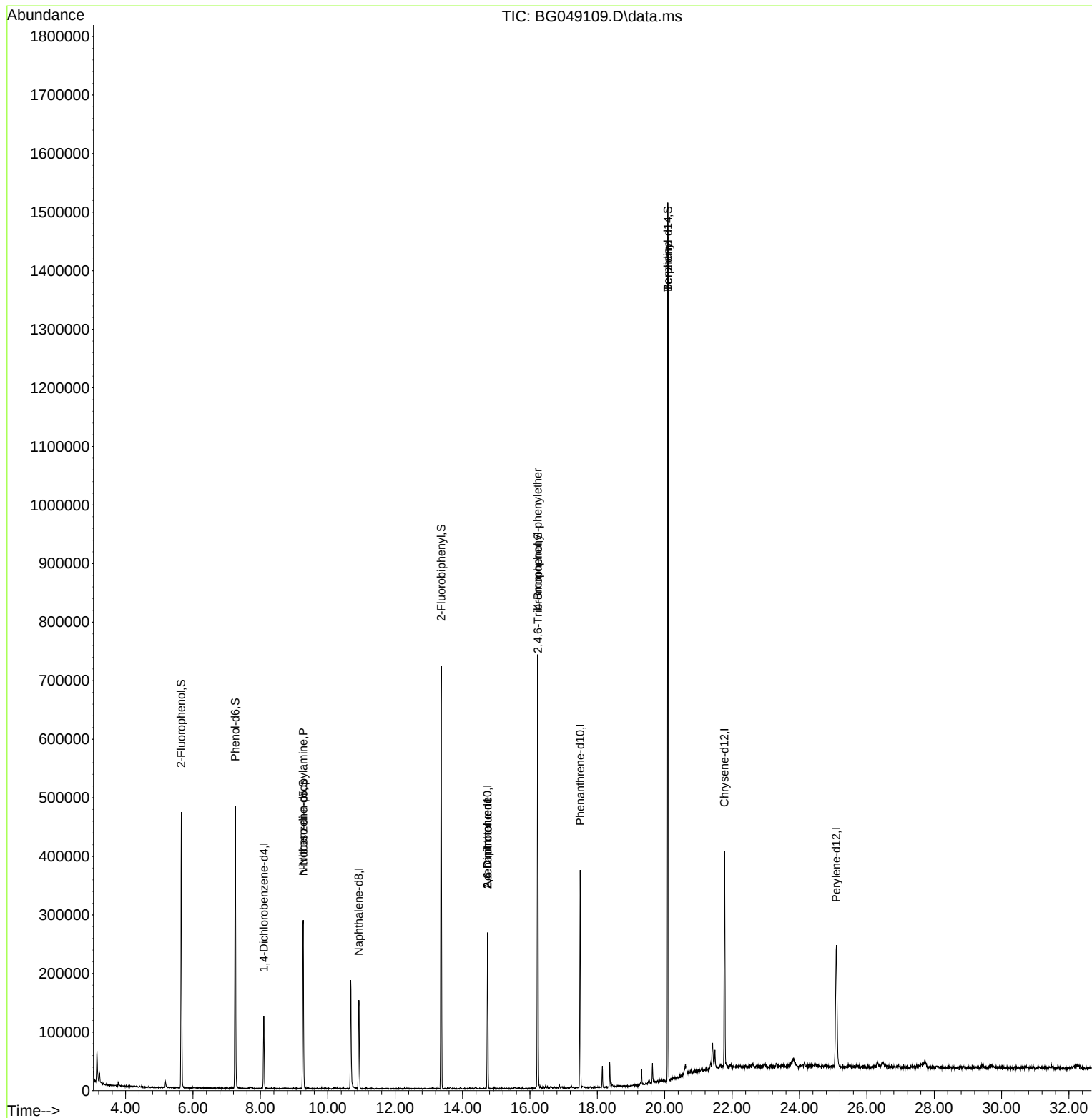
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	30487	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	128415	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	95914	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	234709	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	231542	20.00	ng	-0.01
86) Perylene-d12	25.094	264	238768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	187261	95.62	ng	0.00
7) Phenol-d6	7.256	99	247257	84.23	ng	0.00
23) Nitrobenzene-d5	9.272	82	173666	58.31	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	149389	105.13	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	364177	53.64	ng	0.00
79) Terphenyl-d14	20.094	244	724191	57.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.272	70	25878	11.28	ng	# 75
51) 2,6-Dinitrotoluene	14.742	165	12207	8.02	ng	# 10
57) 2,4-Dinitrotoluene	14.742	165	12207	6.53	ng	# 15
67) 4-Bromophenyl-phenylether	16.228	248	8933	3.05	ng	# 1
77) Benzidine	20.094	184	13304	2.85	ng	98

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

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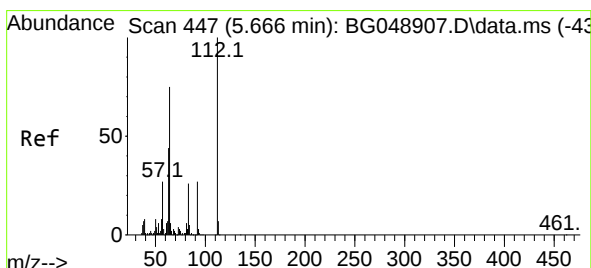
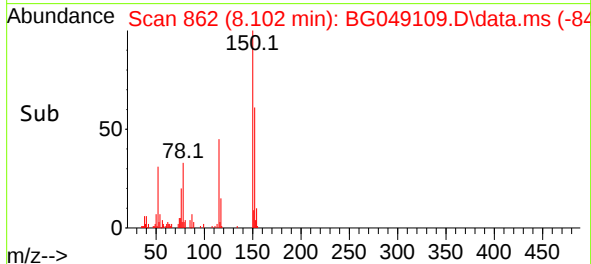
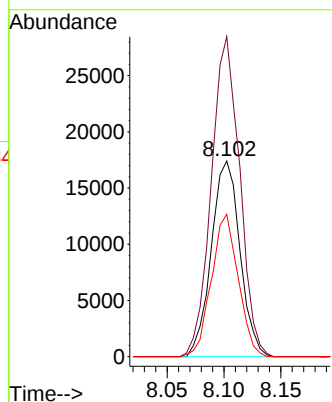
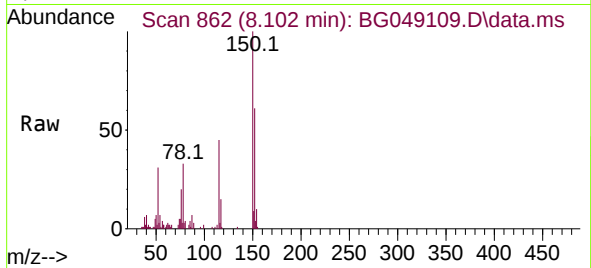




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 862
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

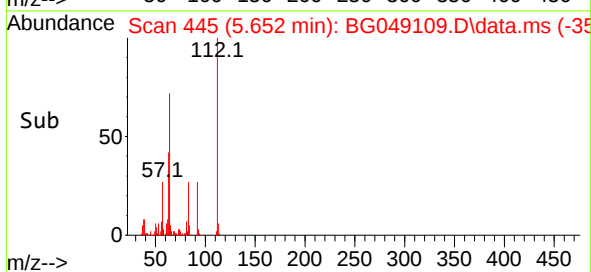
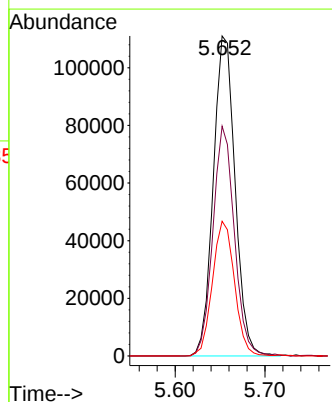
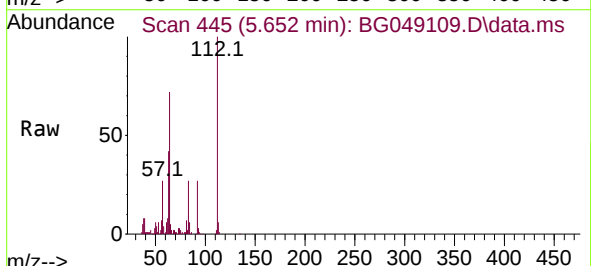
Instrument :
BNA_G
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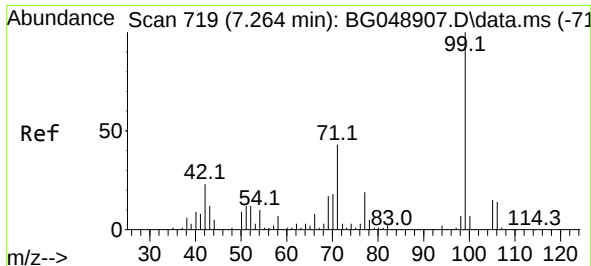
Tgt Ion:152 Resp: 30487
Ion Ratio Lower Upper
152 100
150 163.6 119.4 179.0
115 72.8 60.2 90.4



#5
2-Fluorophenol
Concen: 95.62 ng
RT: 5.652 min Scan# 445
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Tgt Ion:112 Resp: 187261
Ion Ratio Lower Upper
112 100
64 71.8 46.7 70.1#
63 42.1 35.3 52.9

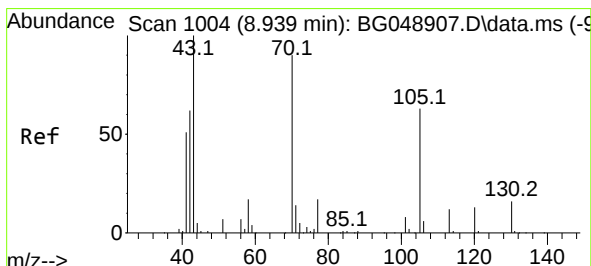
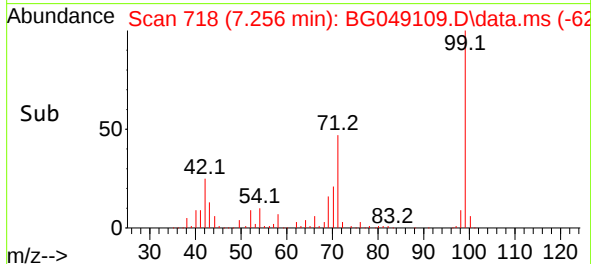
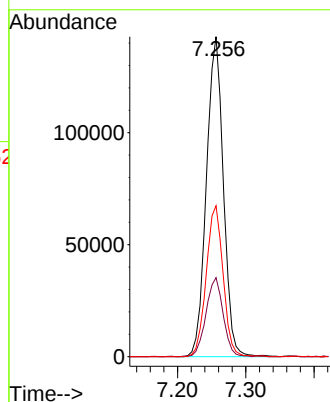
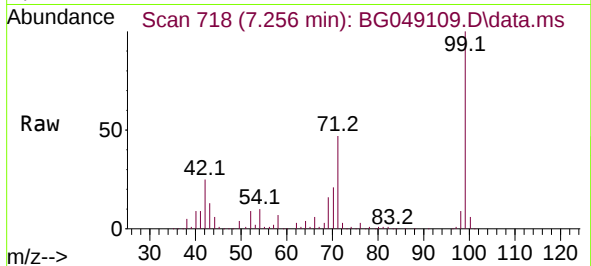




#7
Phenol-d6
Concen: 84.23 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

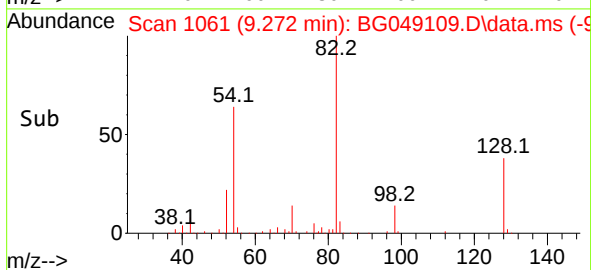
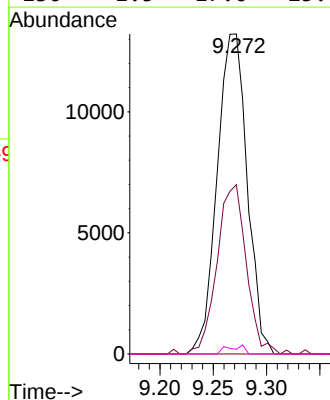
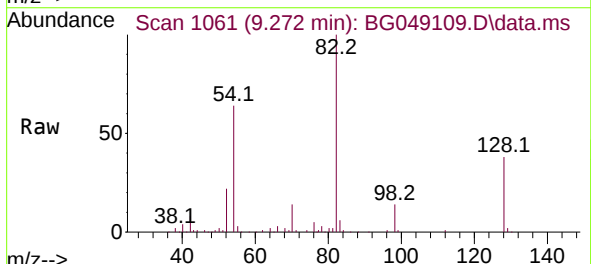
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-07

Tgt Ion:	99	Resp:	247257
Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.5	30.7
71	47.1	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.28 ng
RT: 9.272 min Scan# 1061
Delta R.T. 0.361 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

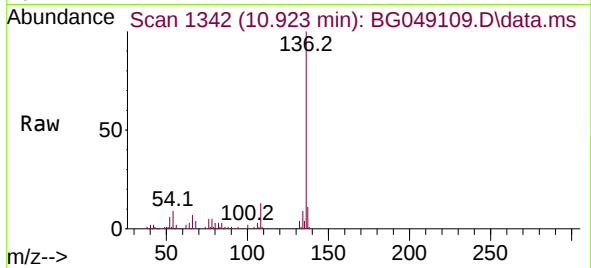
Tgt Ion:	70	Resp:	25878
Ion	Ratio	Lower	Upper
70	100		
42	52.9	54.5	81.7#
101	0.0	9.0	13.6#
130	1.5	17.0	25.6#



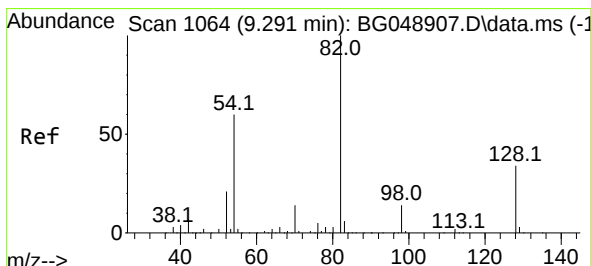
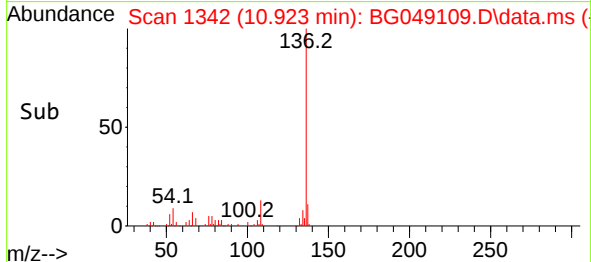
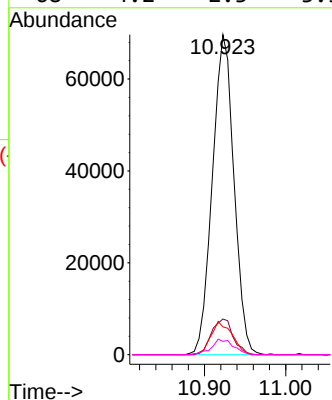


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1342
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-07

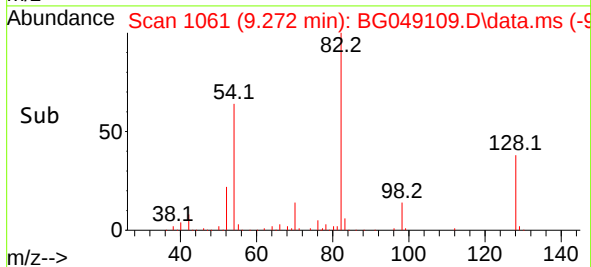
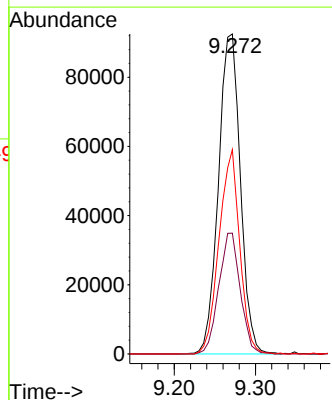
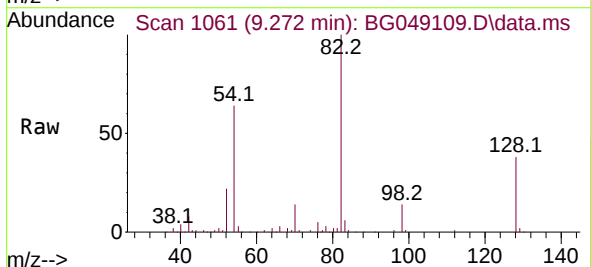


Tgt Ion:136 Resp: 128415
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 8.7 5.5 8.3#
68 4.2 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 58.31 ng
RT: 9.272 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Tgt Ion: 82 Resp: 173666
Ion Ratio Lower Upper
82 100
128 37.8 29.8 44.6
54 63.9 45.8 68.8

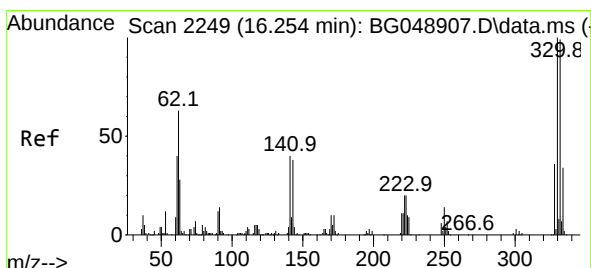
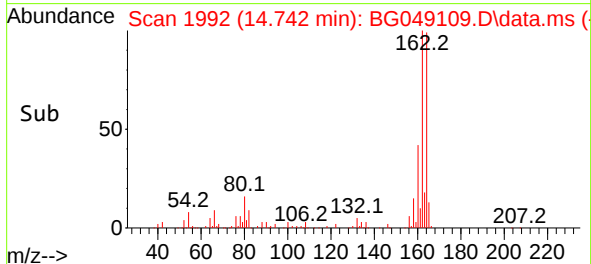
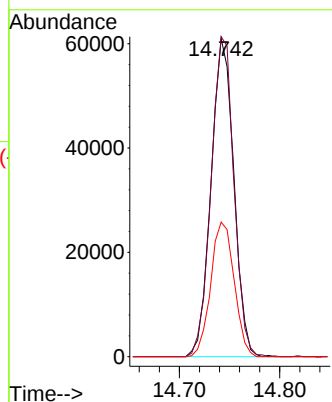
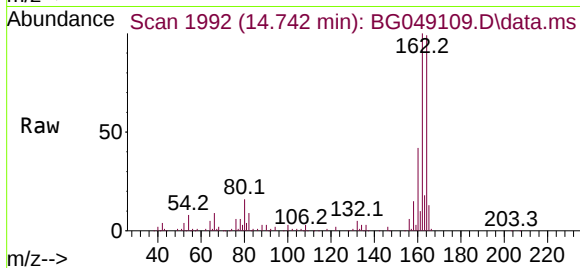




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.009 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

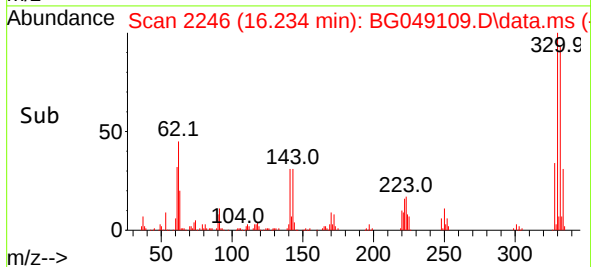
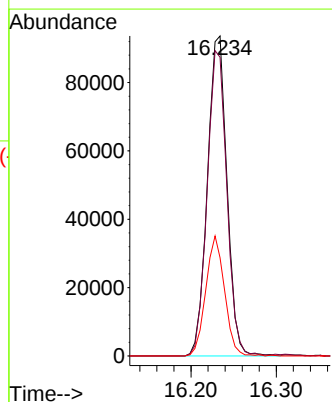
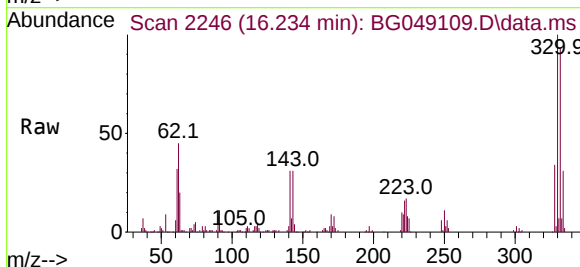
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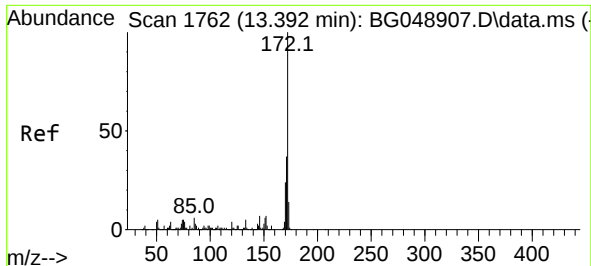
Tgt Ion:164 Resp: 95914
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 42.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 105.13 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Tgt Ion:330 Resp: 149389
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 35.9 35.6 53.4

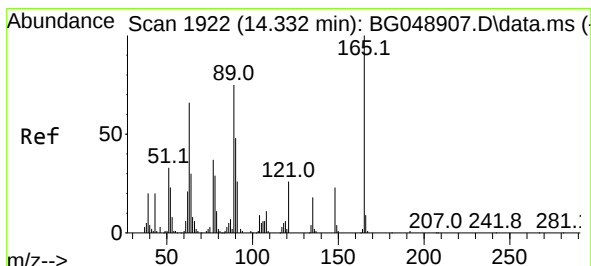
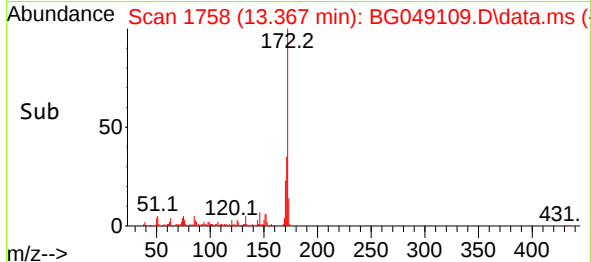
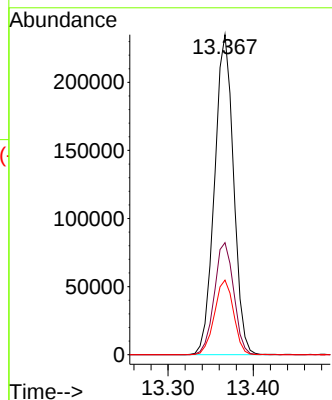
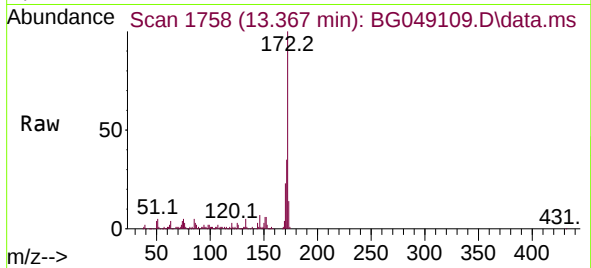




#45
2-Fluorobiphenyl
Concen: 53.64 ng
RT: 13.367 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

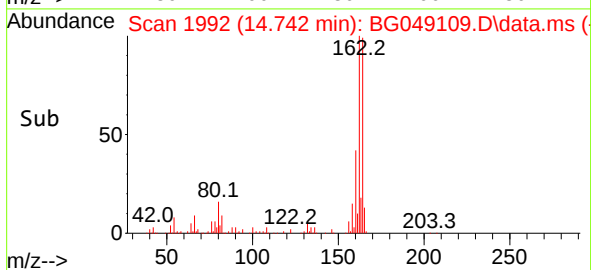
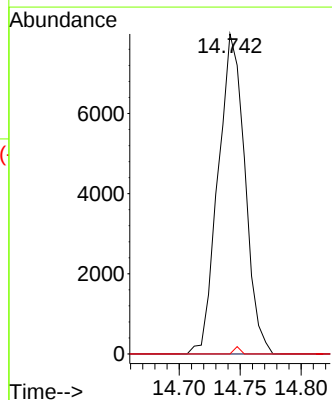
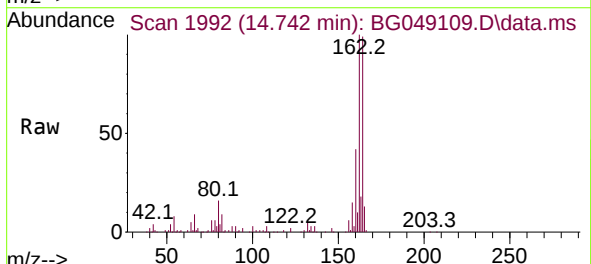
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	172	Resp:	364177
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.6	43.0
170	23.3	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 8.02 ng
RT: 14.742 min Scan# 1992
Delta R.T. 0.426 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Tgt Ion:	165	Resp:	12207
Ion Ratio	Lower	Upper	
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#

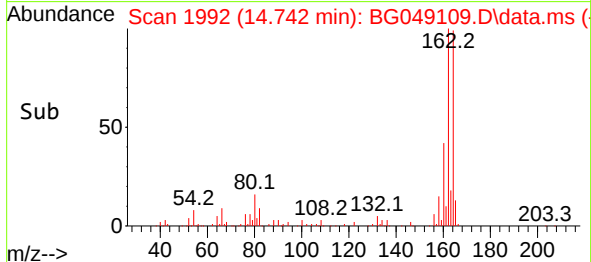
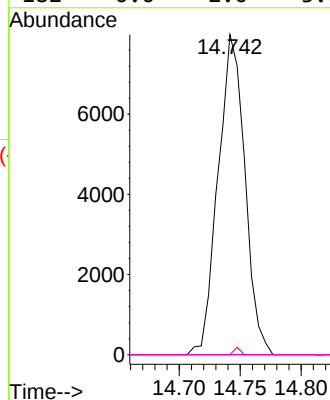
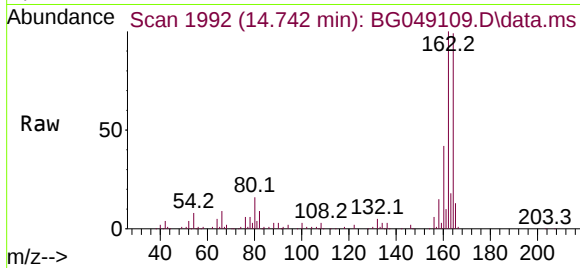




#57
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.362 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

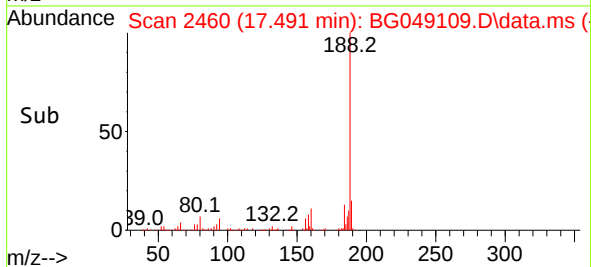
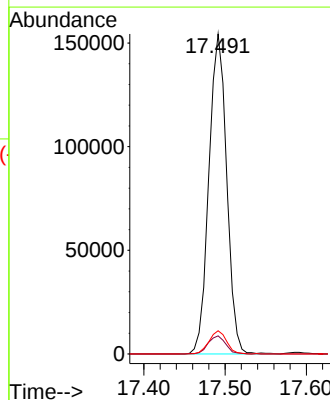
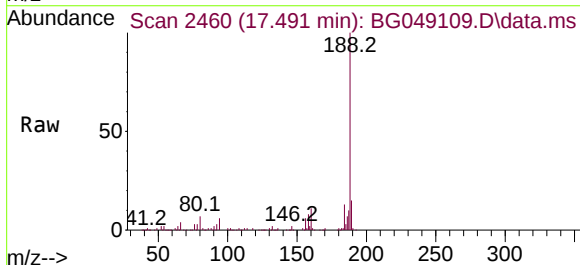
Instrument :
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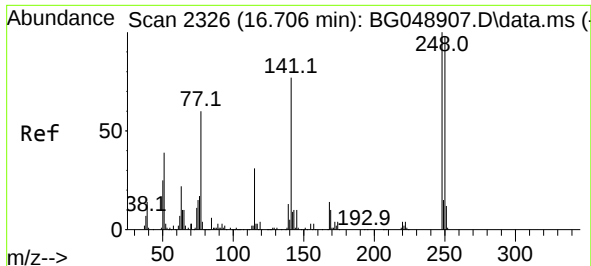
Tgt Ion:165	Resp:	12207
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Tgt Ion:188	Resp:	234709
Ion Ratio	Lower	Upper
188	100	
94	5.6	5.4 8.0
80	7.3	3.7 5.5#

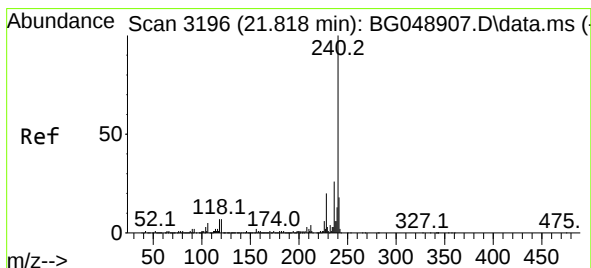
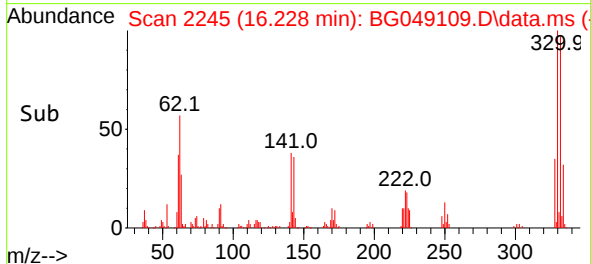
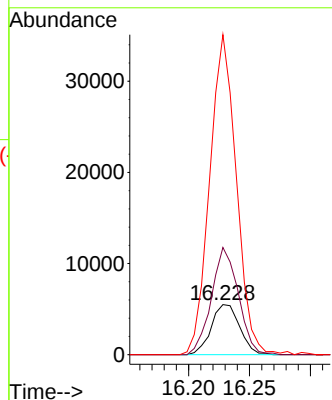
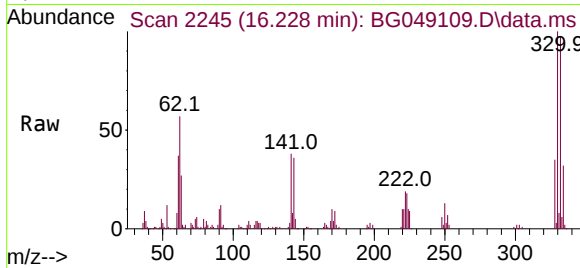




#67
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 16.228 min Scan# 2245
Delta R.T. -0.456 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

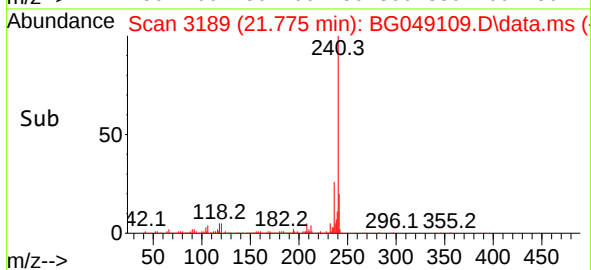
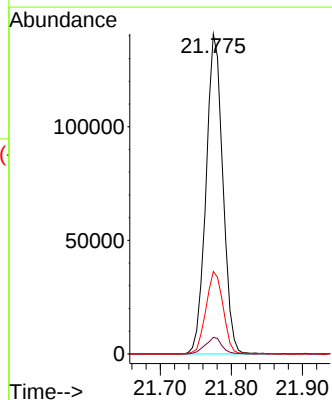
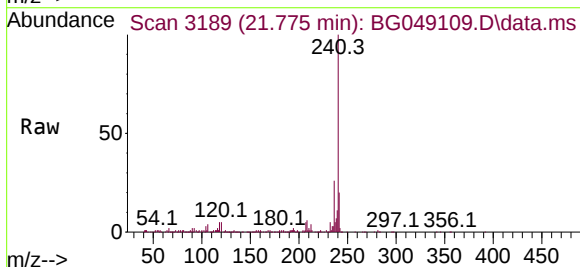
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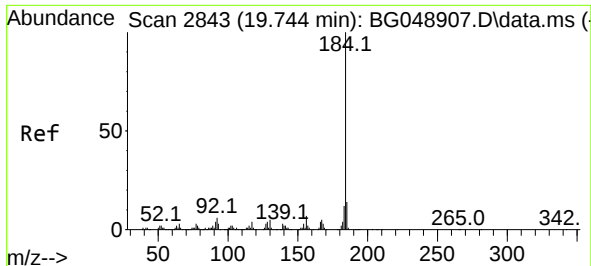
Tgt Ion:248 Resp: 8933
Ion Ratio Lower Upper
248 100
250 213.9 76.1 114.1#
141 638.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3189
Delta R.T. -0.015 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Tgt Ion:240 Resp: 231542
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 25.7 21.8 32.6

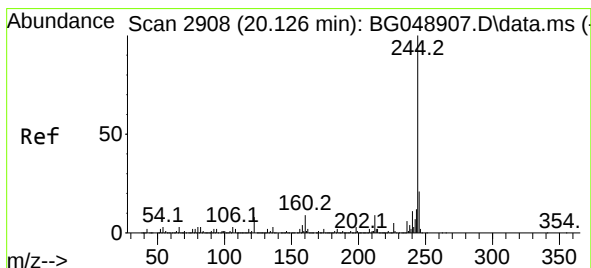
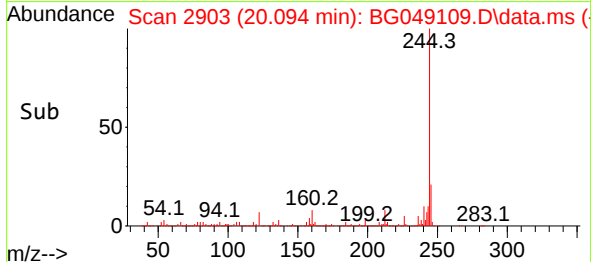
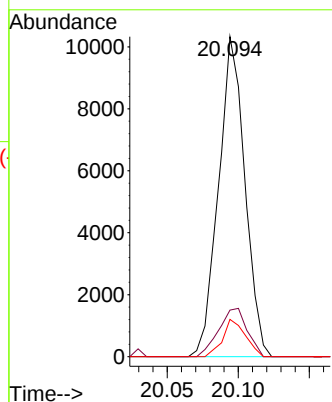
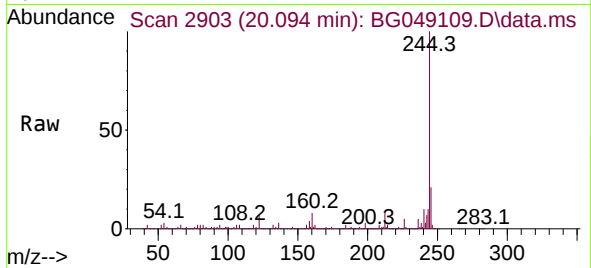




#77
Benzidine
Concen: 2.85 ng
RT: 20.094 min Scan# 2903
Delta R.T. 0.373 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

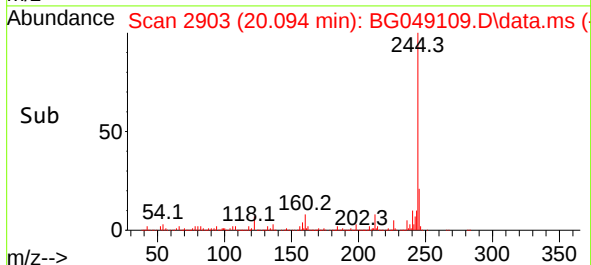
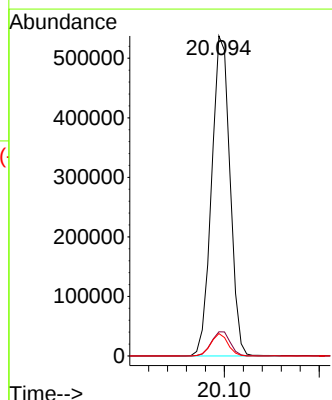
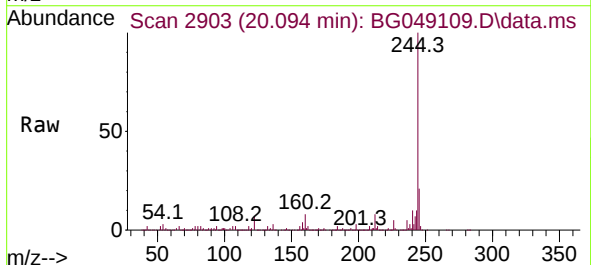
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-07

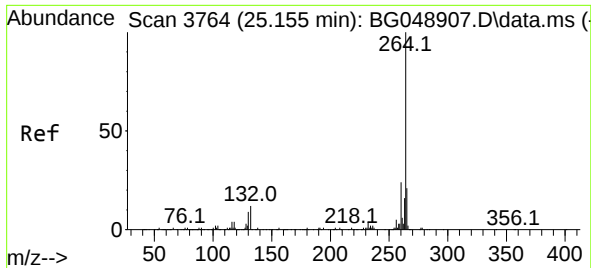
Tgt Ion:184 Resp: 13304
Ion Ratio Lower Upper
184 100
185 14.6 10.7 16.1
183 11.7 9.4 14.0



#79
Terphenyl-d14
Concen: 57.28 ng
RT: 20.094 min Scan# 2903
Delta R.T. -0.009 min
Lab File: BG049109.D
Acq: 26 Jun 2021 15:12

Tgt Ion:244 Resp: 724191
Ion Ratio Lower Upper
244 100
212 7.6 6.9 10.3
122 7.0 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.094 min Scan# 3754
 Delta R.T. -0.009 min
 Lab File: BG049109.D
 Acq: 26 Jun 2021 15:12

Instrument :
 BNA_G
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-07

Tgt Ion:264	Resp:	238768
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.4 29.2
265	21.8	16.9 25.3

