

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
 Data File : BG049176.D
 Acq On : 2 Jul 2021 20:54
 Operator : CG/JU
 Sample : M2900-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VB16208

Quant Time: Jul 03 01:10:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

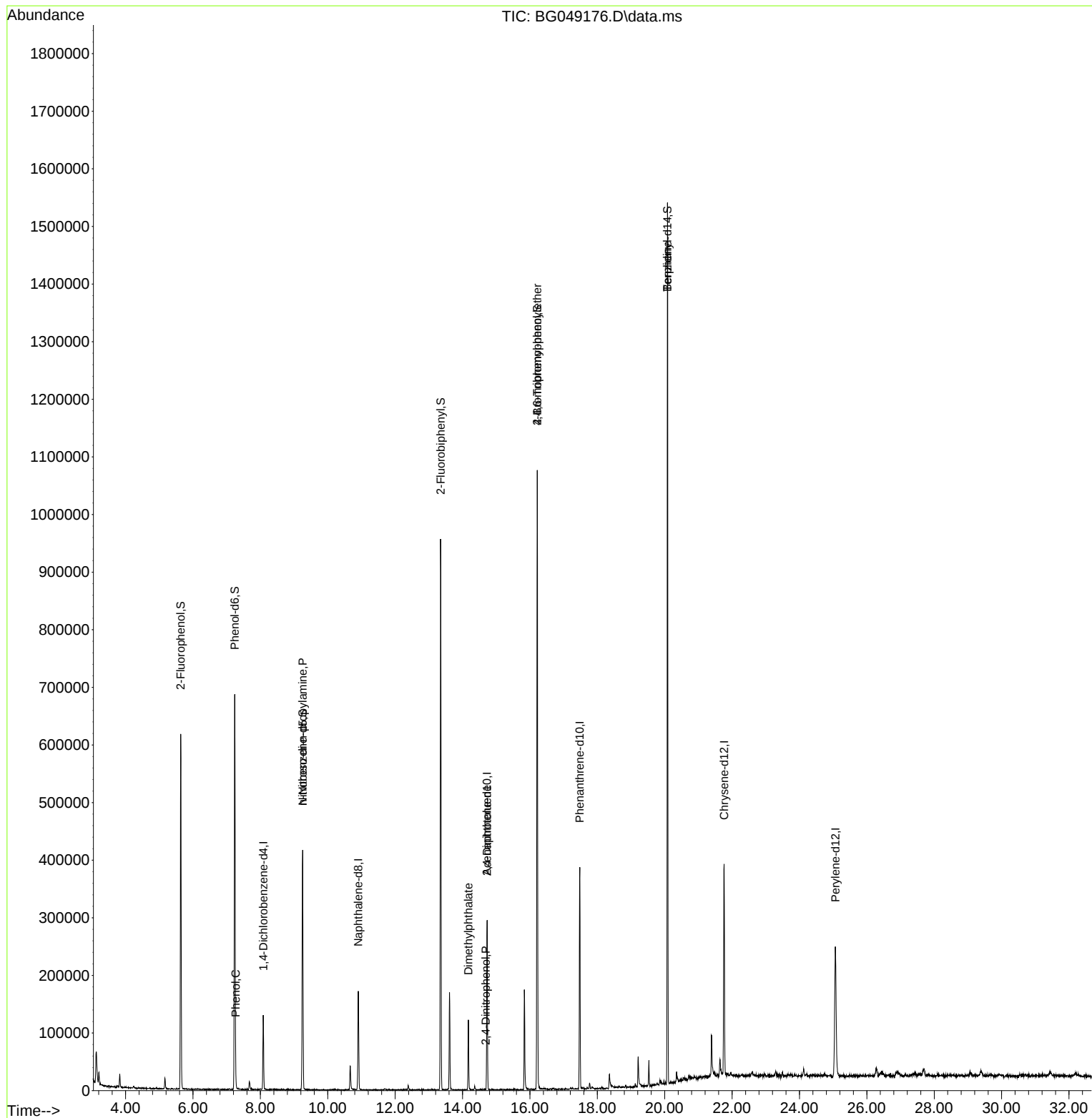
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	33737	20.00	ng	# 0.00
21) Naphthalene-d8	10.905	136	141655	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	105154	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	246349	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	241664	20.00	ng	-0.01
86) Perylene-d12	25.065	264	256066	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	245580	114.01	ng	0.00
7) Phenol-d6	7.239	99	340907	111.01	ng	0.00
23) Nitrobenzene-d5	9.254	82	243507	72.88	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	211697	116.13	ng	0.00
45) 2-Fluorobiphenyl	13.349	172	491999	63.12	ng	0.00
79) Terphenyl-d14	20.082	244	749426	52.55	ng	0.00
Target Compounds						
10) Phenol	7.268	94	11987	3.89	ng	Qvalue 95
19) n-Nitroso-di-n-propyla...	9.254	70	37241	16.87	ng	# 78
50) Dimethylphthalate	14.172	163	73427	8.70	ng	# 94
54) 2,4-Dinitrophenol	14.689	184	53	5.20	ng	# 8
57) 2,4-Dinitrotoluene	14.730	165	13602	4.95	ng	# 16
67) 4-Bromophenyl-phenylether	16.216	248	13741	4.13	ng	# 1
77) Benzidine	20.082	184	13052	2.51	ng	# 91

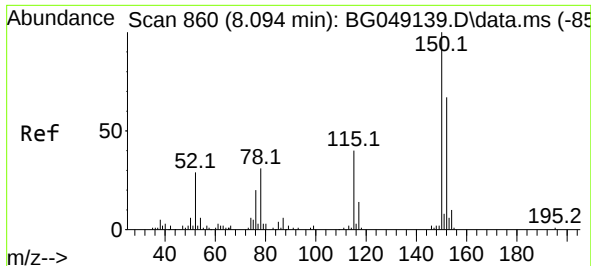
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 30 15:39:12 2021
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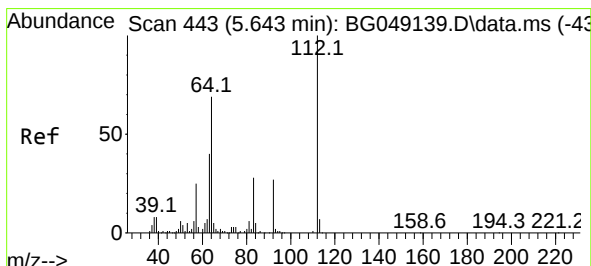
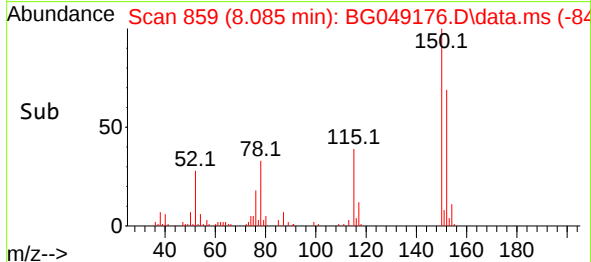
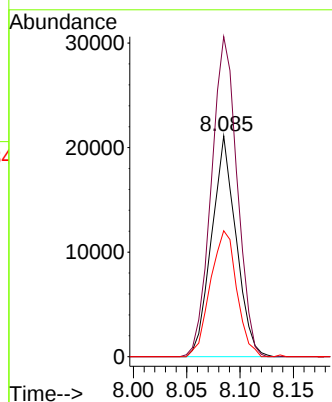
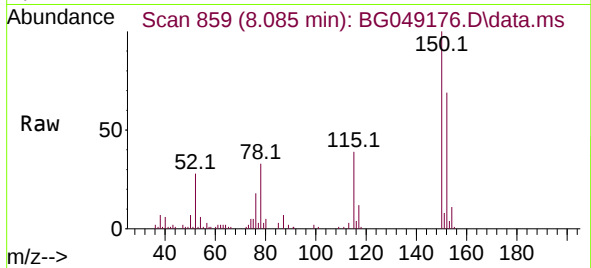




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 859
Delta R.T. -0.009 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

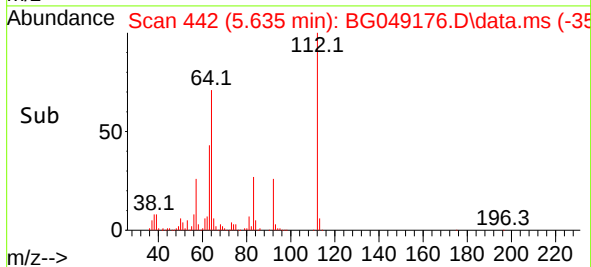
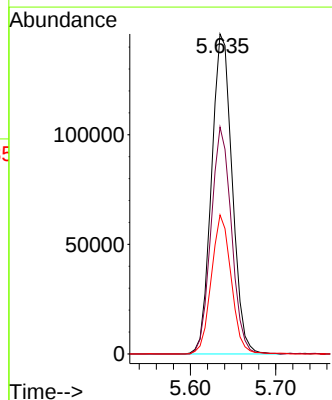
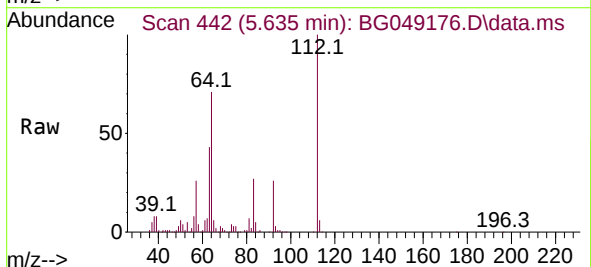
Instrument :
BNA_G
ClientSampleId :
VB16208

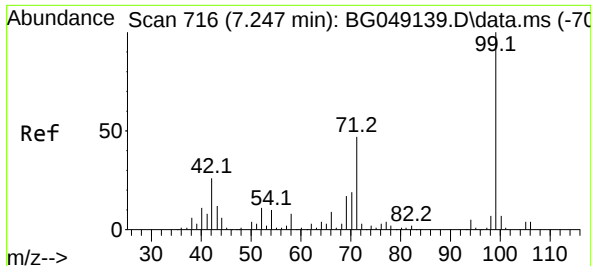
Tgt Ion:152 Resp: 33737
Ion Ratio Lower Upper
152 100
150 144.9 119.4 179.0
115 57.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 114.01 ng
RT: 5.635 min Scan# 442
Delta R.T. -0.009 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

Tgt Ion:112 Resp: 245580
Ion Ratio Lower Upper
112 100
64 70.9 46.7 70.1#
63 43.5 35.3 52.9

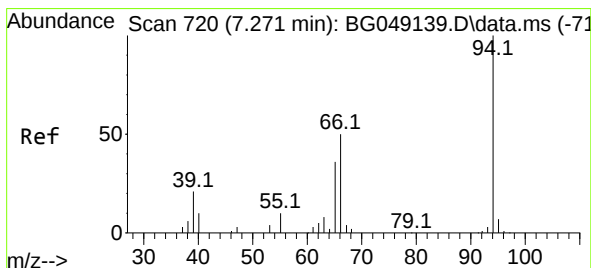
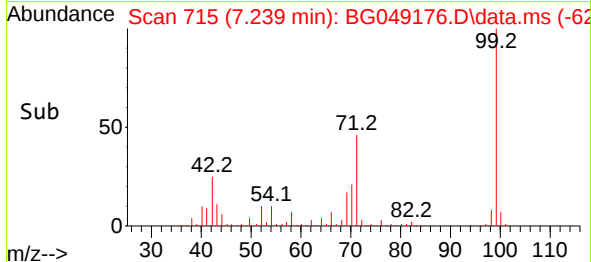
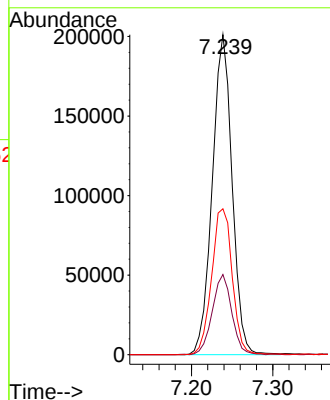
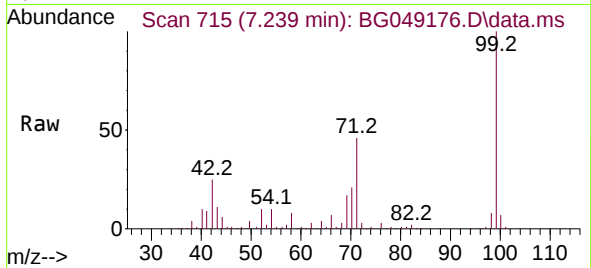




#7
Phenol-d6
Concen: 111.01 ng
RT: 7.239 min Scan# 715
Delta R.T. -0.009 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

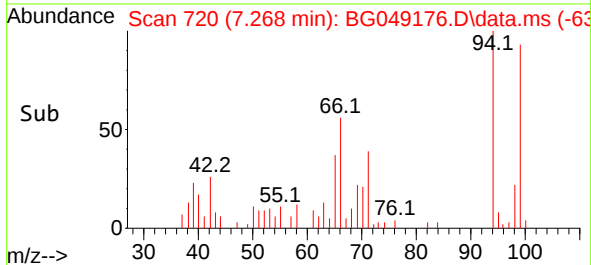
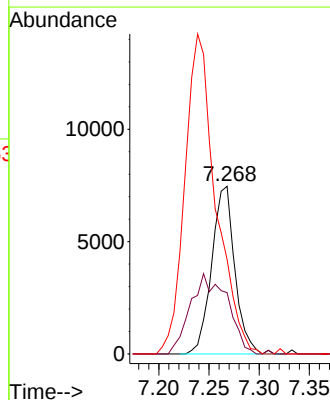
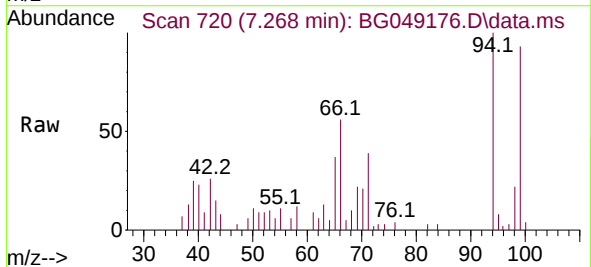
Instrument :
BNA_G
ClientSampleId :
VB16208

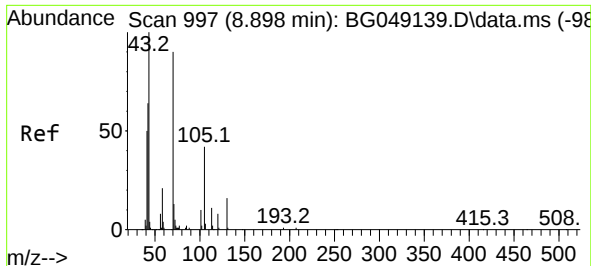
Tgt Ion: 99 Resp: 340907
Ion Ratio Lower Upper
99 100
42 25.1 20.5 30.7
71 45.6 41.5 62.3



#10
Phenol
Concen: 3.89 ng
RT: 7.268 min Scan# 720
Delta R.T. -0.003 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

Tgt Ion: 94 Resp: 11987
Ion Ratio Lower Upper
94 100
65 36.5 12.9 52.9
66 56.4 39.4 79.4



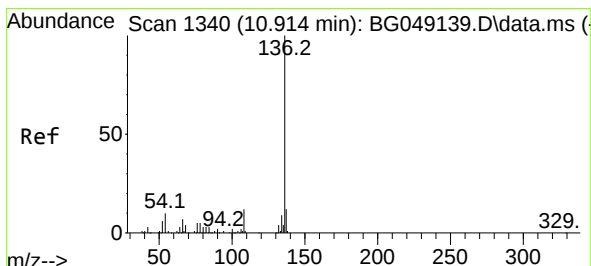
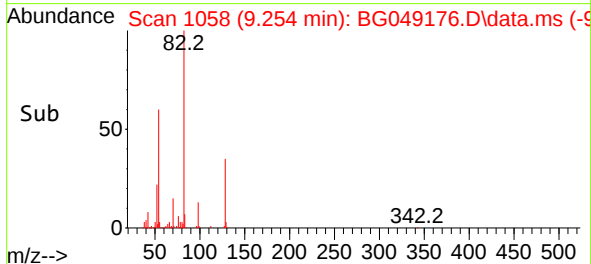
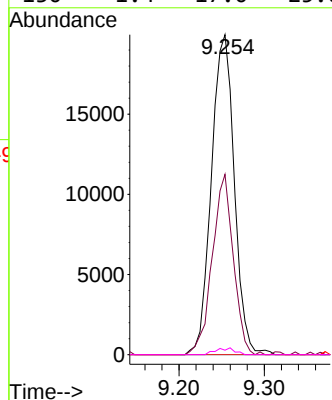
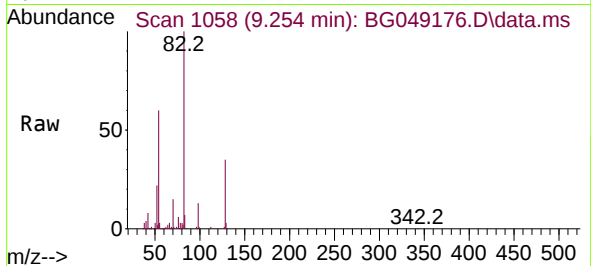


#19
n-Nitroso-di-n-propylamine
Concen: 16.87 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.355 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

Instrument :
BNA_G
ClientSampleId :
VB16208

Tgt Ion: 70 Resp: 37241

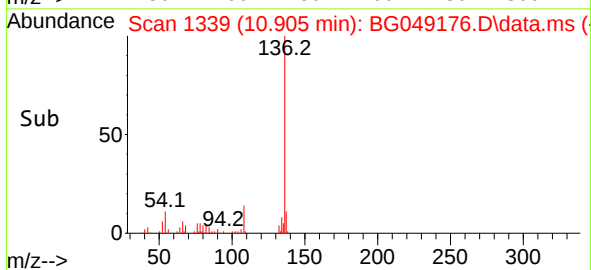
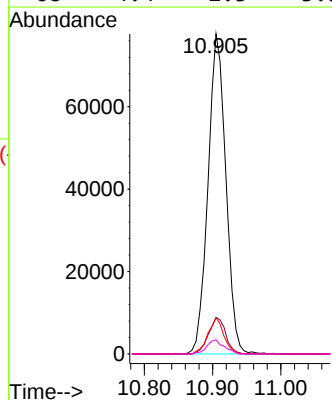
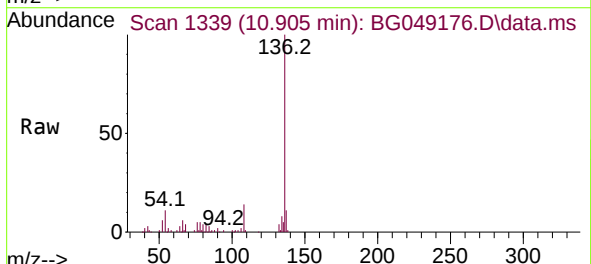
Ion	Ratio	Lower	Upper
70	100		
42	56.3	54.5	81.7
101	0.0	9.0	13.6#
130	1.4	17.0	25.6#

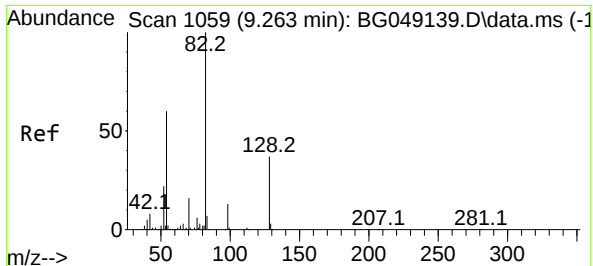


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

Tgt Ion: 136 Resp: 141655

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	11.3	5.5	8.3#
68	4.4	2.3	3.5#

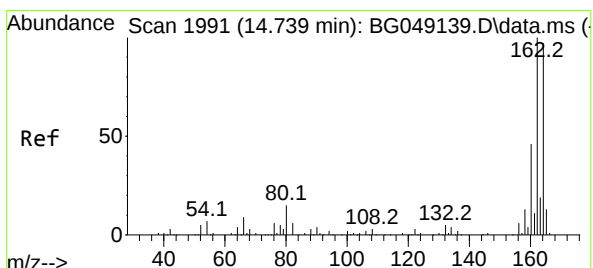
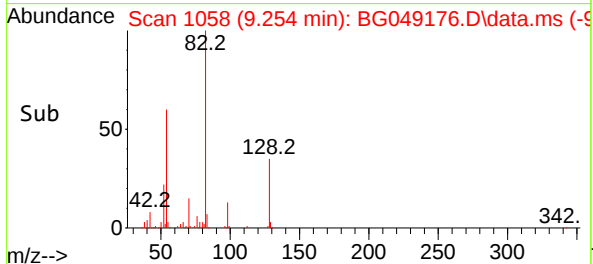
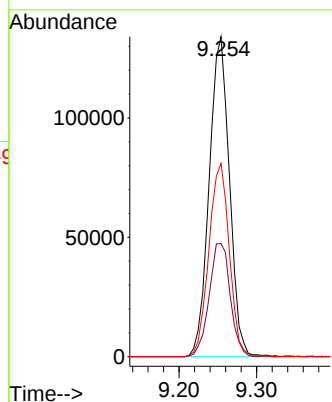
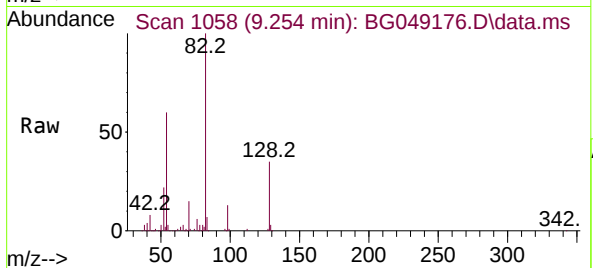




#23
Nitrobenzene-d5
Concen: 72.88 ng
RT: 9.254 min Scan# 1058
Delta R.T. -0.009 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

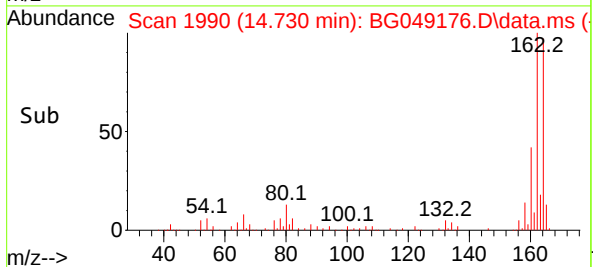
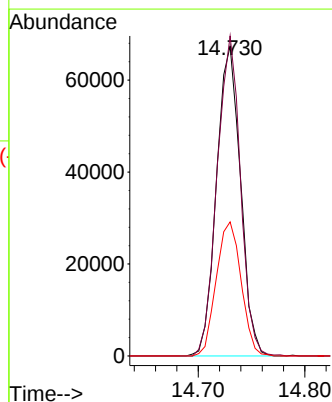
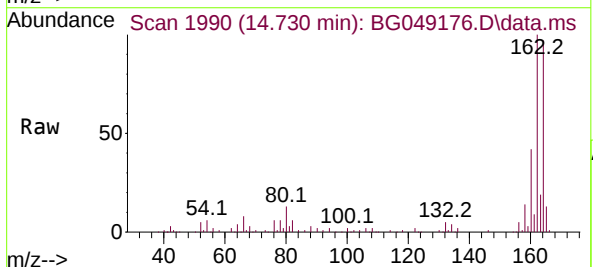
Instrument :
BNA_G
ClientSampleId :
VB16208

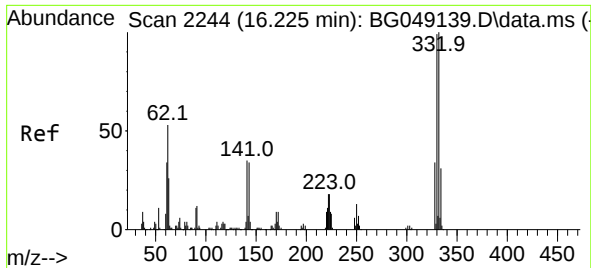
Tgt Ion: 82 Resp: 243507
Ion Ratio Lower Upper
82 100
128 35.4 29.8 44.6
54 60.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.009 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

Tgt Ion:164 Resp: 105154
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.0
160 43.3 34.9 52.3

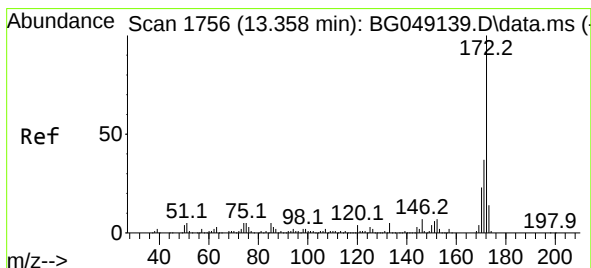
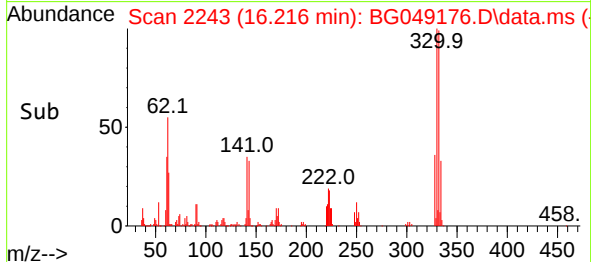
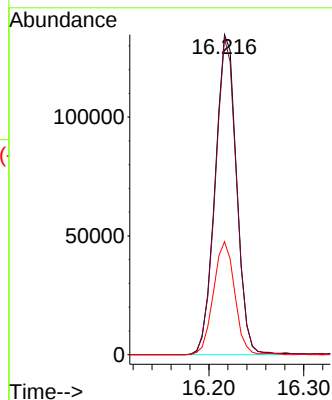
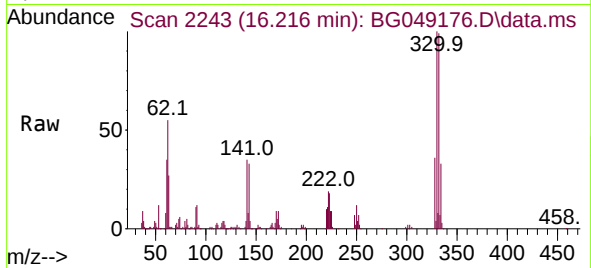




#42
2,4,6-Tribromophenol
Concen: 116.13 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

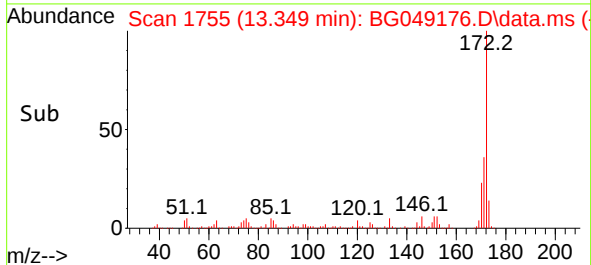
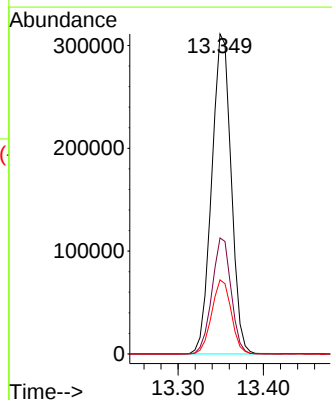
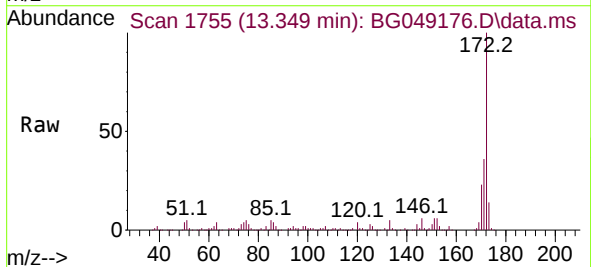
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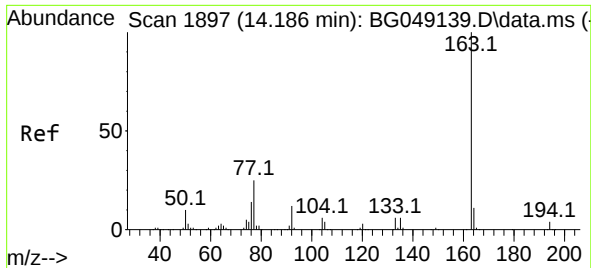
Tgt Ion:330 Resp: 211697
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 34.9 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 63.12 ng
RT: 13.349 min Scan# 1755
Delta R.T. -0.009 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

Tgt Ion:172 Resp: 491999
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.2 18.6 27.8

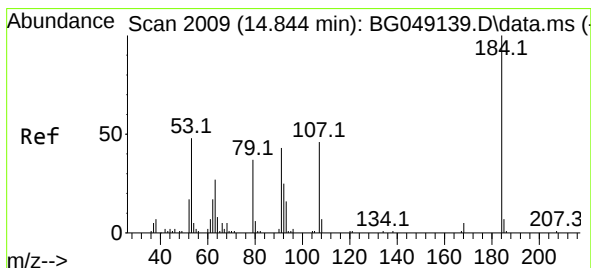
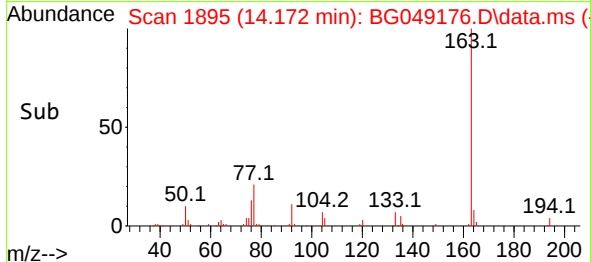
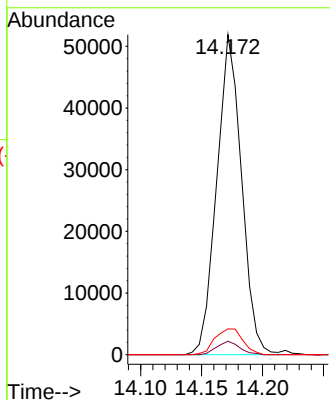
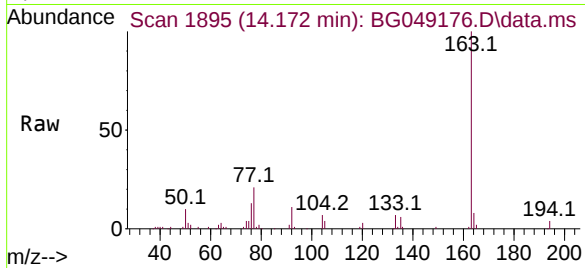




#50
Dimethylphthalate
Concen: 8.70 ng
RT: 14.172 min Scan# 1895
Delta R.T. -0.015 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

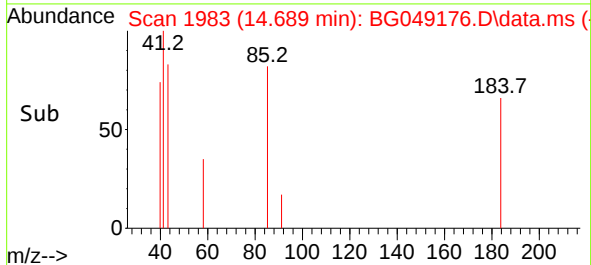
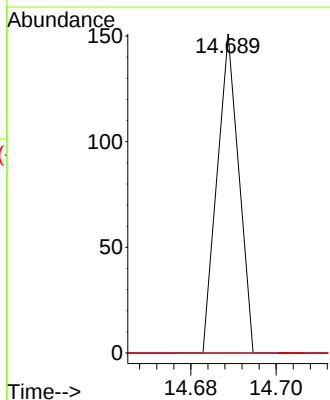
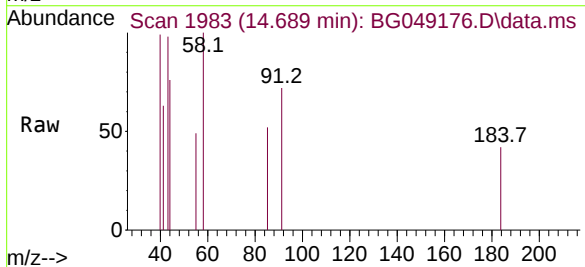
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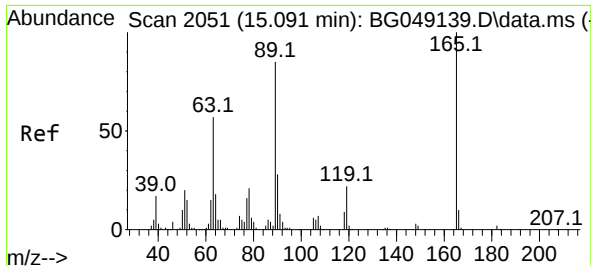
Tgt Ion:163 Resp: 73427
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 8.0 8.6 12.8#



#54
2,4-Dinitrophenol
Concen: 5.20 ng
RT: 14.689 min Scan# 1983
Delta R.T. -0.155 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

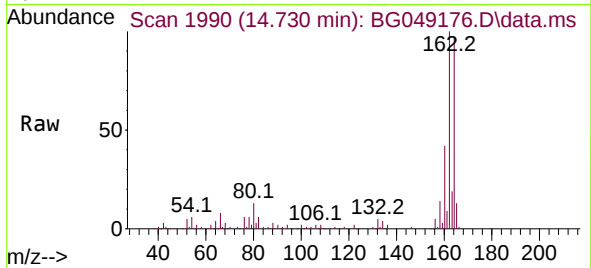
Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



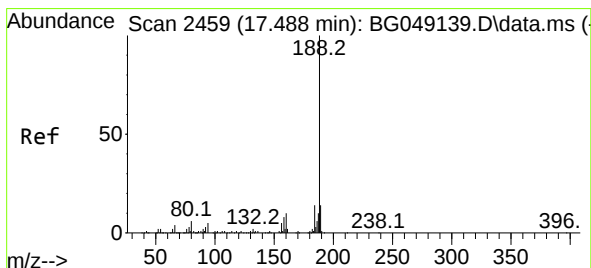
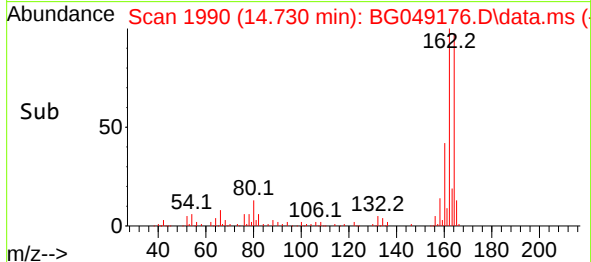
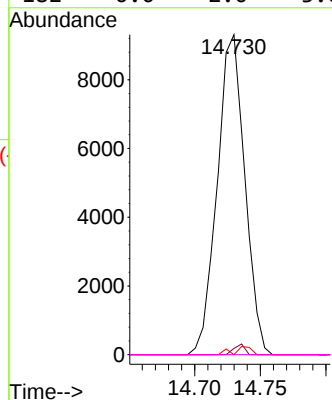


#57
2,4-Dinitrotoluene
Concen: 4.95 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.361 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

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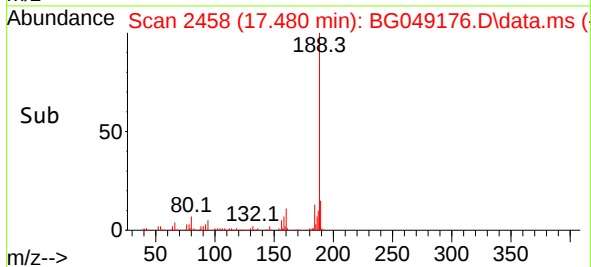
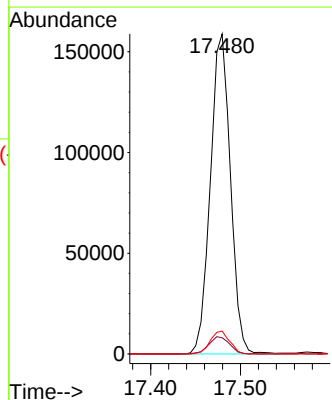
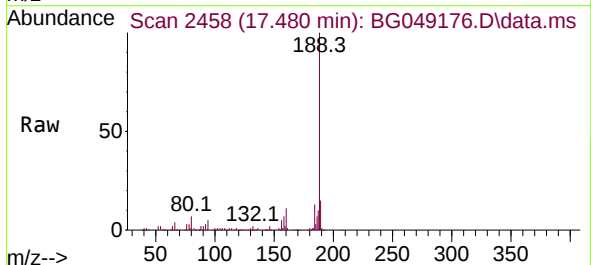


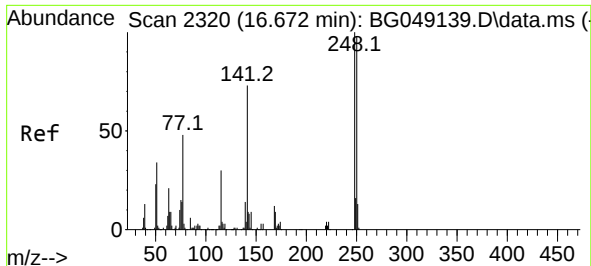
Tgt Ion:165 Resp: 13602
Ion Ratio Lower Upper
165 100
63 2.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

Tgt Ion:188 Resp: 246349
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 7.2 3.7 5.5#

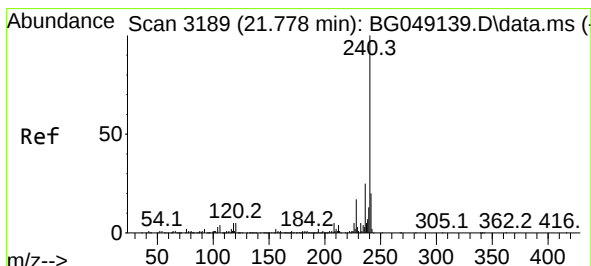
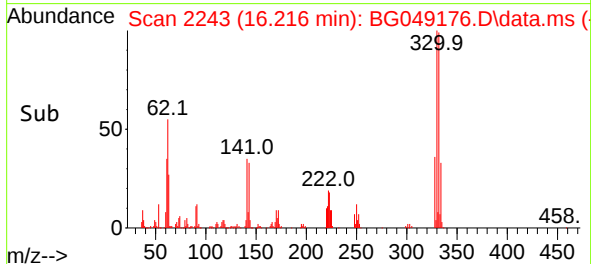
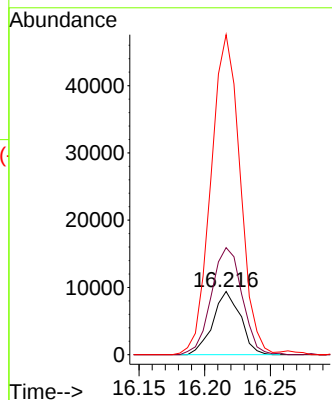
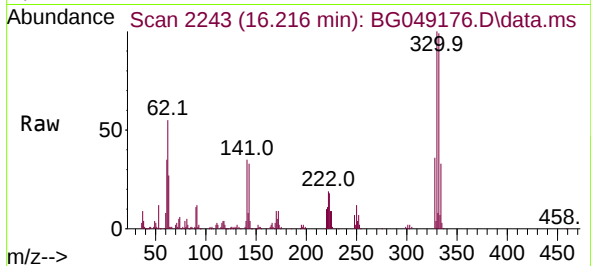




#67
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.455 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

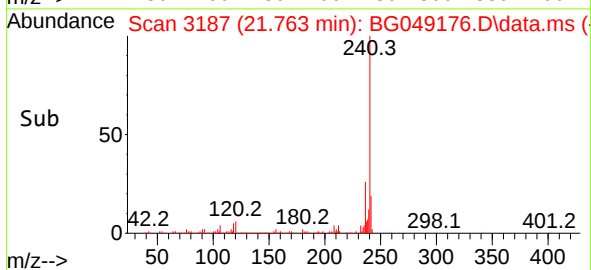
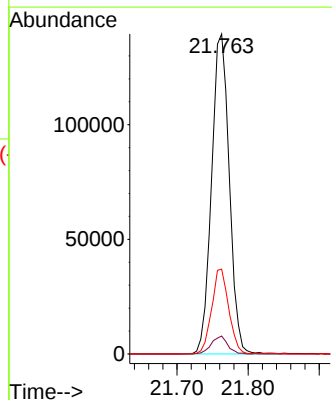
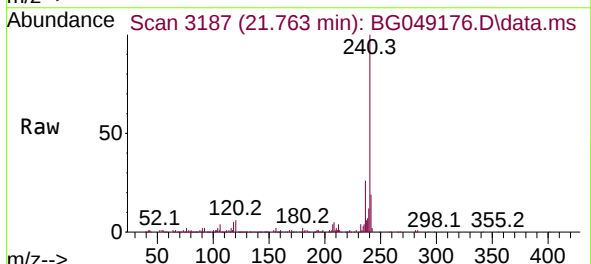
Instrument :
BNA_G
ClientSampleId :
VB16208

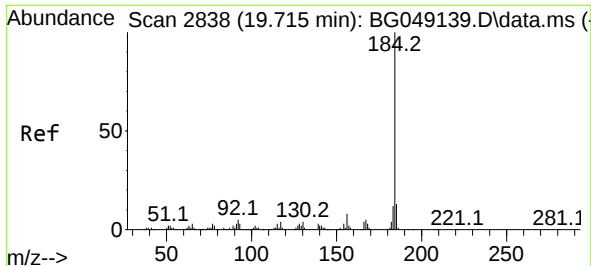
Tgt Ion:248 Resp: 13741
Ion Ratio Lower Upper
248 100
250 169.4 76.1 114.1#
141 506.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3187
Delta R.T. -0.015 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

Tgt Ion:240 Resp: 241664
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 26.5 21.8 32.6

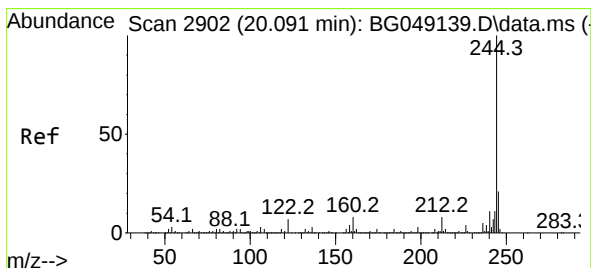
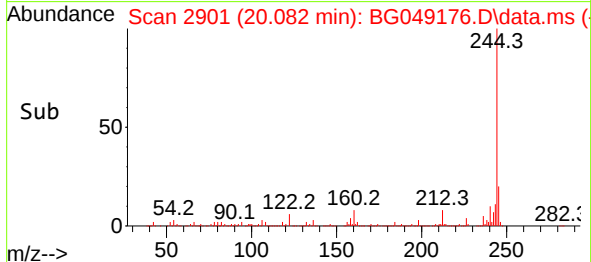
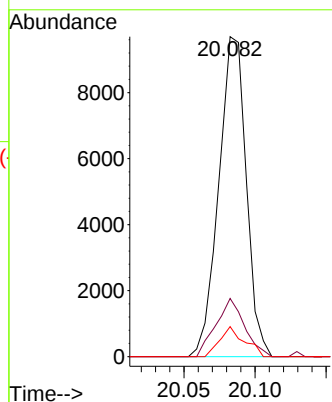
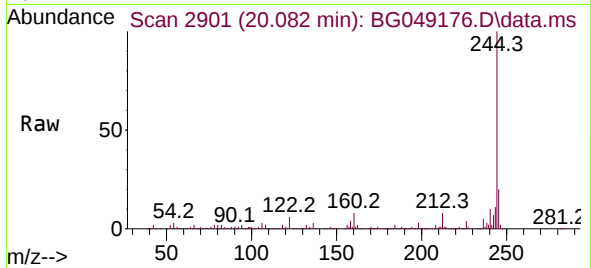




#77
Benzidine
Concen: 2.51 ng
RT: 20.082 min Scan# 2901
Delta R.T. 0.367 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

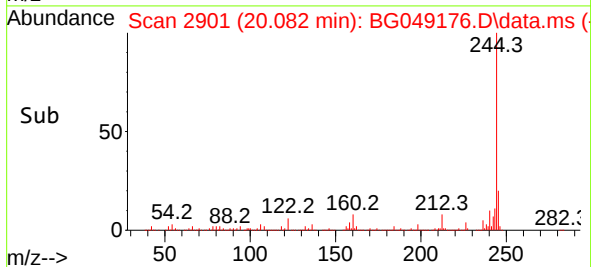
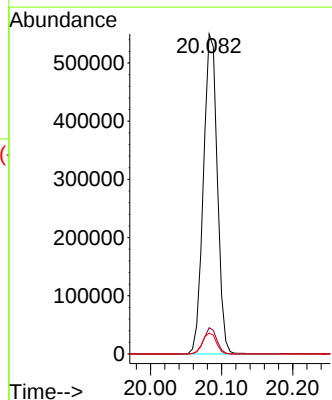
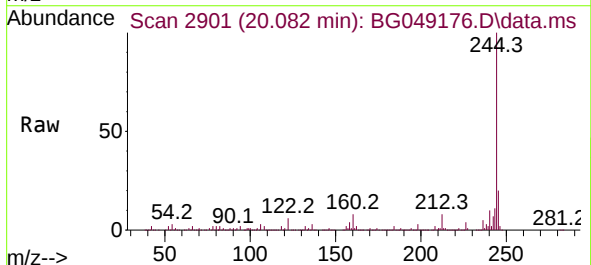
Instrument :
BNA_G
ClientSampleId :
VB16208

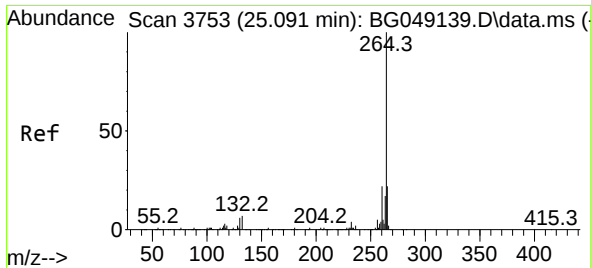
Tgt Ion:184 Resp: 13052
Ion Ratio Lower Upper
184 100
185 18.2 10.7 16.1#
183 9.4 9.4 14.0



#79
Terphenyl-d14
Concen: 52.55 ng
RT: 20.082 min Scan# 2901
Delta R.T. -0.009 min
Lab File: BG049176.D
Acq: 2 Jul 2021 20:54

Tgt Ion:244 Resp: 749426
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 6.5 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.065 min Scan# 3749
 Delta R.T. -0.026 min
 Lab File: BG049176.D
 Acq: 2 Jul 2021 20:54

Instrument :
 BNA_G
 ClientSampleId :
 VB16208

Tgt Ion:264 Resp: 256066

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.4	29.2
265	21.2	16.9	25.3

