

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
 Data File : BG048011.D
 Acq On : 26 Jan 2021 17:52
 Operator : CG/JU
 Sample : M1219-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-BR2-AQ-012121-02

Quant Time: Jan 26 23:32:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

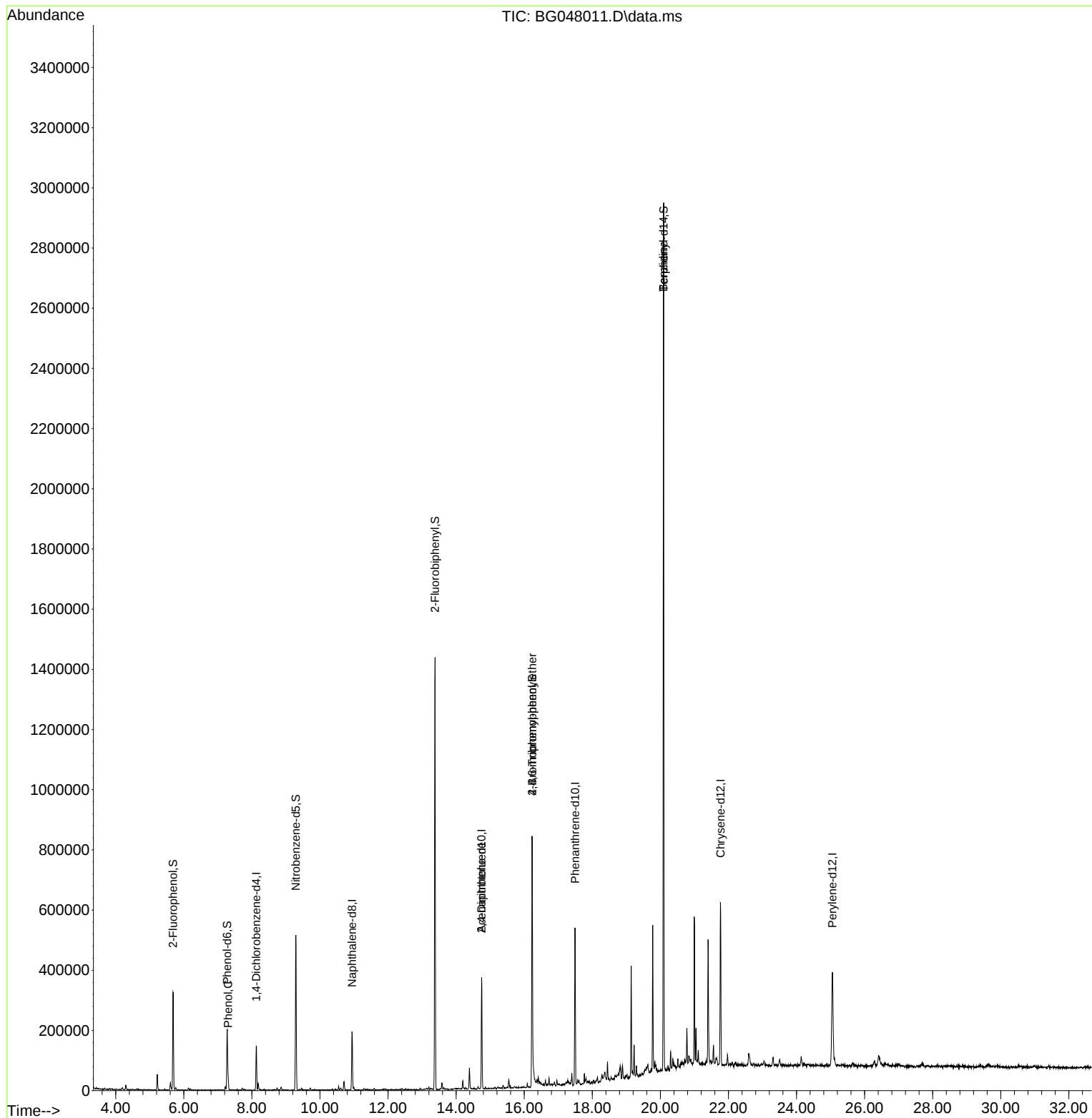
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	39382	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	157615	20.00	ng	0.00
39) Acenaphthene-d10	14.750	164	122219	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	325645	20.00	ng	# 0.00
76) Chrysene-d12	21.766	240	338864	20.00	ng	# 0.00
86) Perylene-d12	25.056	264	338223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	136801	53.39	ng	0.00
7) Phenol-d6	7.277	99	109287	28.05	ng	0.00
23) Nitrobenzene-d5	9.292	82	313095	78.60	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	186173	91.46	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	724793	76.67	ng	0.00
79) Terphenyl-d14	20.097	244	1273120	65.14	ng	0.00
Target Compounds						
10) Phenol	7.300	94	22943	6.14	ng	Qvalue 80
57) 2,4-Dinitrotoluene	14.750	165	15799	4.76	ng	# 33
67) 4-Bromophenyl-phenylether	16.237	248	12406	2.85	ng	# 1
77) Benzidine	20.091	184	22585	2.31	ng	# 53

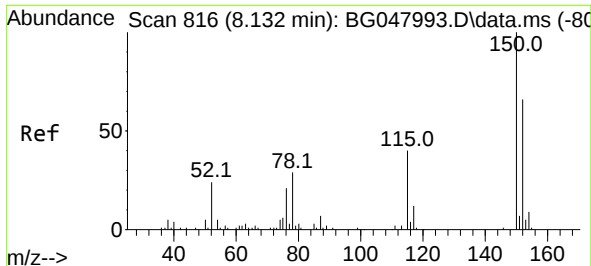
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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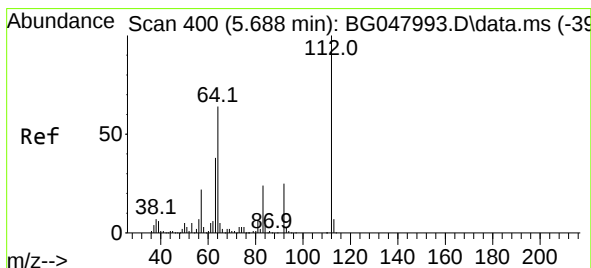
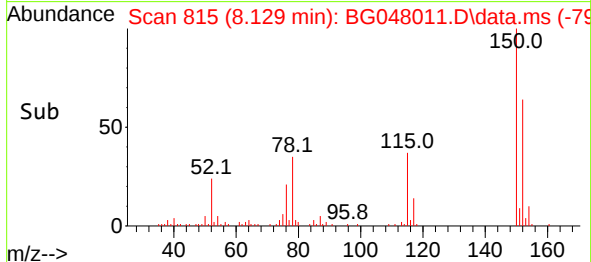
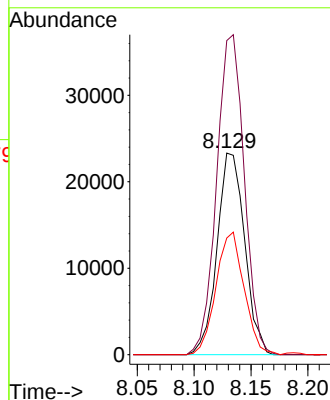
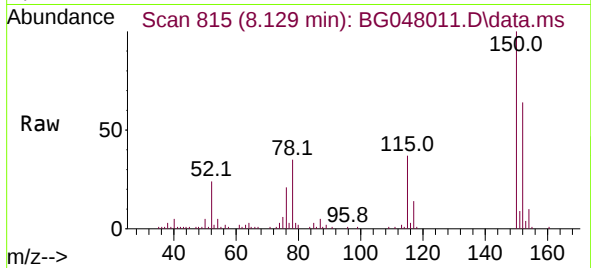




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.129 min Scan# 815
Delta R.T. -0.003 min
Lab File: BG048011.D
Acq: 26 Jan 2021 17:52

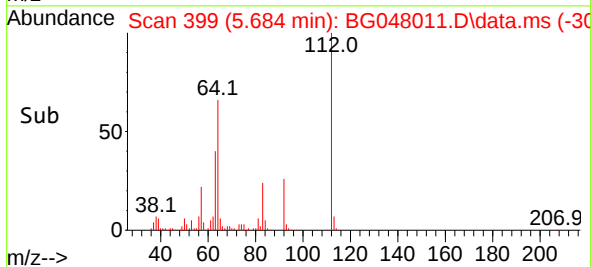
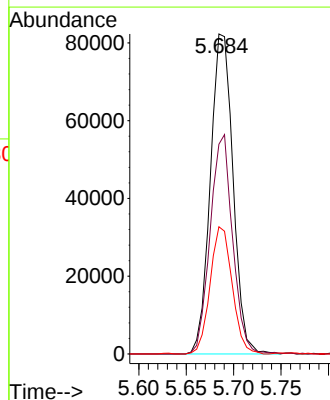
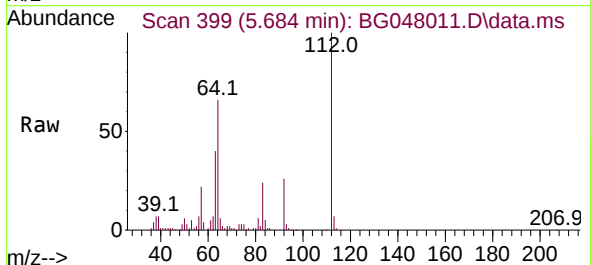
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-AQ-012121-02

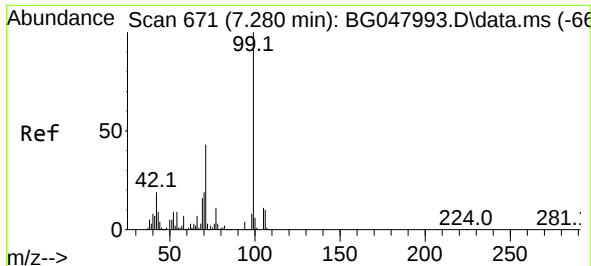
Tgt Ion:152 Resp: 39382
Ion Ratio Lower Upper
152 100
150 155.8 125.0 187.6
115 57.8 41.8 62.6



#5
2-Fluorophenol
Concen: 53.39 ng
RT: 5.684 min Scan# 399
Delta R.T. -0.004 min
Lab File: BG048011.D
Acq: 26 Jan 2021 17:52

Tgt Ion:112 Resp: 136801
Ion Ratio Lower Upper
112 100
64 65.6 46.7 70.1
63 39.7 22.8 34.2#

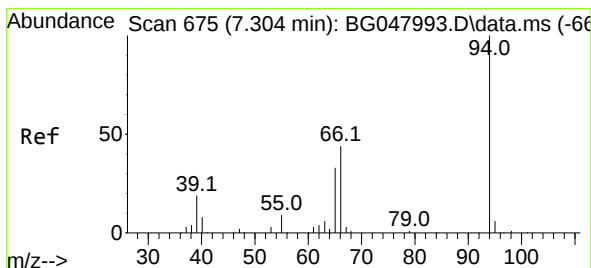
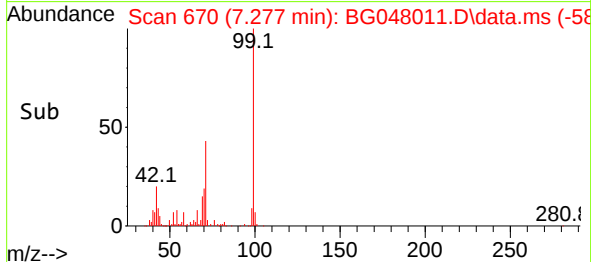
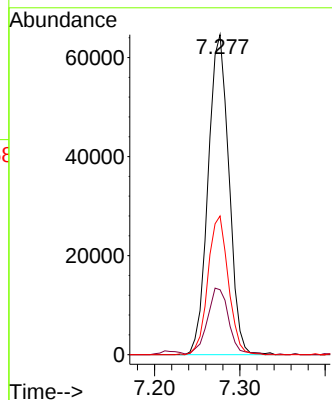
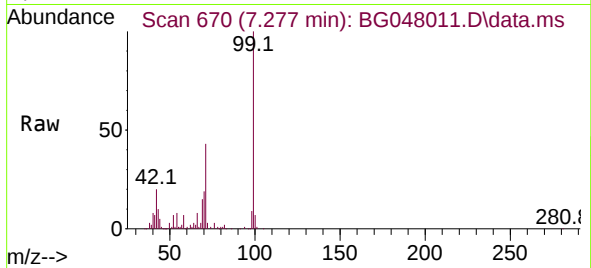




#7
Phenol-d6
Concen: 28.05 ng
RT: 7.277 min Scan# 670
Delta R.T. -0.004 min
Lab File: BG048011.D
Acq: 26 Jan 2021 17:52

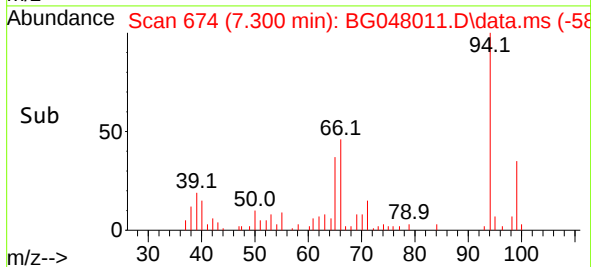
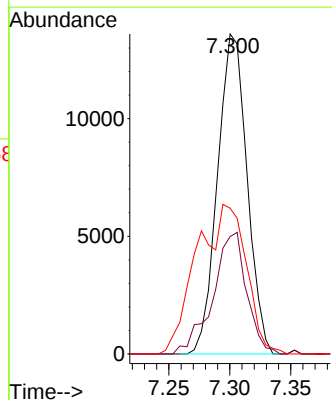
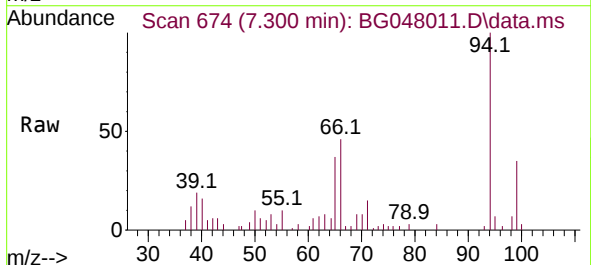
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-AQ-012121-02

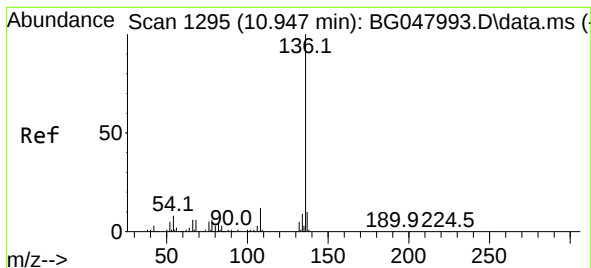
Tgt Ion: 99 Resp: 109287
Ion Ratio Lower Upper
99 100
42 20.3 12.8 19.2#
71 43.4 24.6 36.8#



#10
Phenol
Concen: 6.14 ng
RT: 7.300 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG048011.D
Acq: 26 Jan 2021 17:52

Tgt Ion: 94 Resp: 22943
Ion Ratio Lower Upper
94 100
65 36.7 6.6 46.6
66 45.6 13.9 53.9

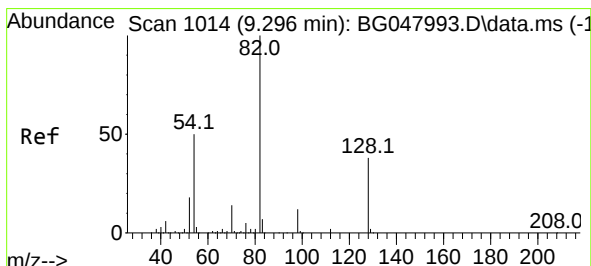
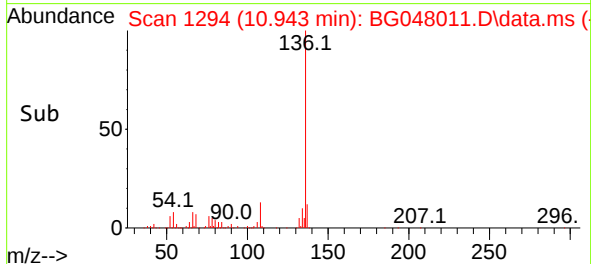
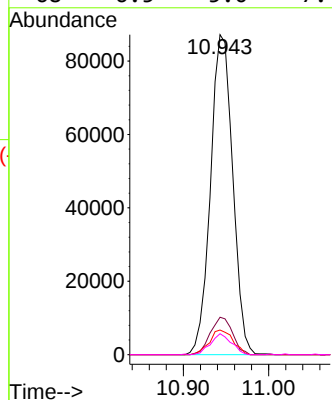
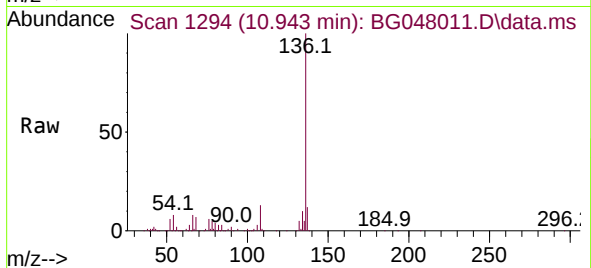




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1294
Delta R.T. -0.004 min
Lab File: BG048011.D
Acq: 26 Jan 2021 17:52

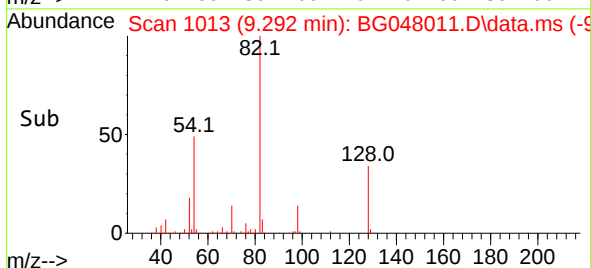
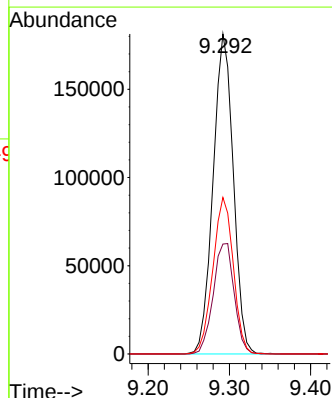
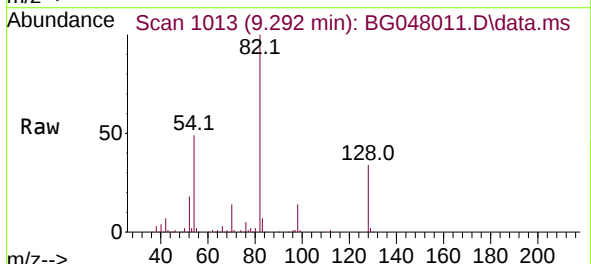
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-AQ-012121-02

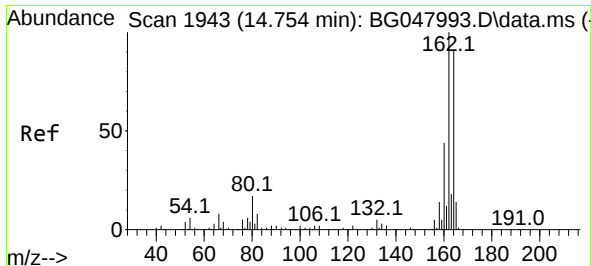
Tgt Ion:	136	Resp:	157615
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	7.7	6.2	9.4
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 78.60 ng
RT: 9.292 min Scan# 1013
Delta R.T. -0.004 min
Lab File: BG048011.D
Acq: 26 Jan 2021 17:52

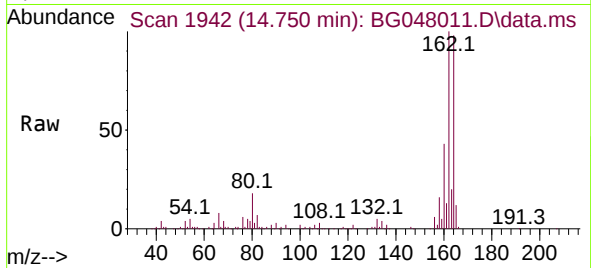
Tgt Ion:	82	Resp:	313095
Ion Ratio	Lower	Upper	
82	100		
128	34.4	37.0	55.6#
54	48.9	39.0	58.4



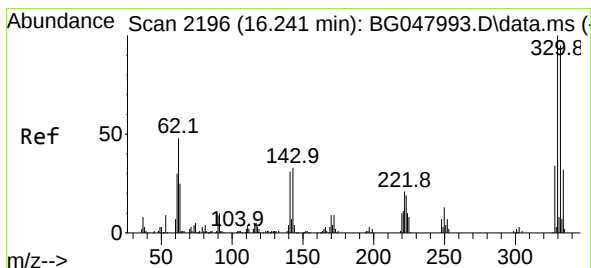
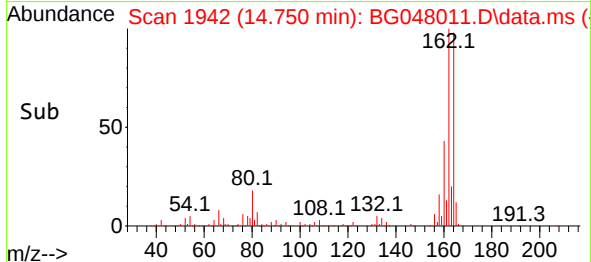
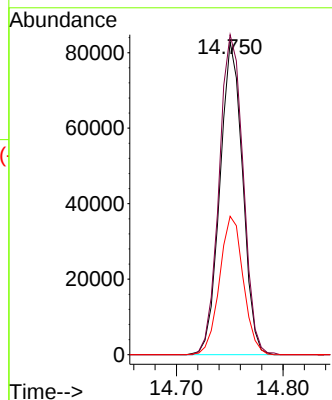


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG048011.D
Acq: 26 Jan 2021 17:52

Instrument :
BNA_G
ClientSampleId :
IDW-BR2-AQ-012121-02

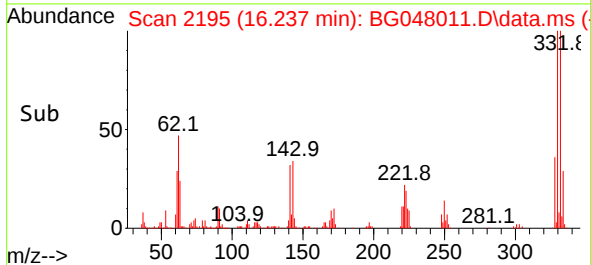
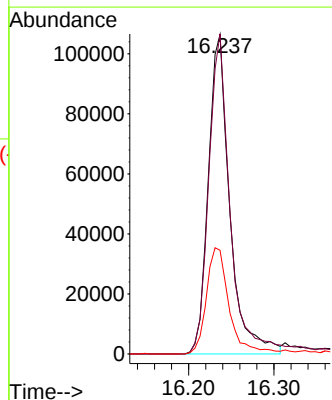
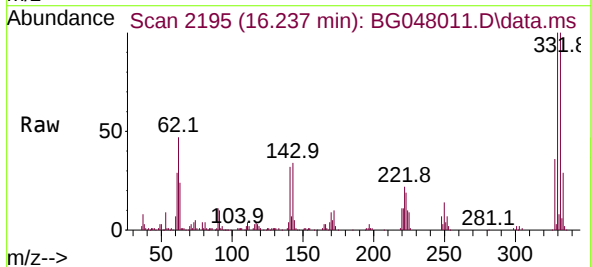


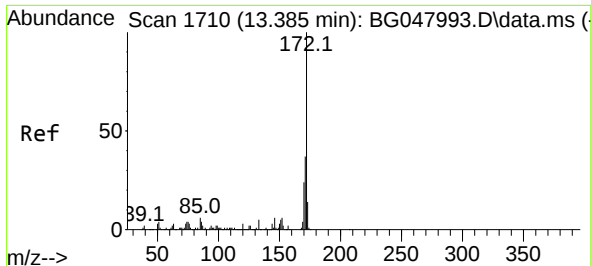
Tgt Ion:164 Resp: 122219
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 44.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 91.46 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BG048011.D
Acq: 26 Jan 2021 17:52

Tgt Ion:330 Resp: 186173
Ion Ratio Lower Upper
330 100
332 101.5 76.5 114.7
141 35.3 26.0 39.0

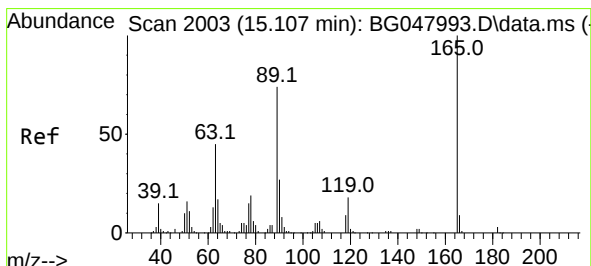
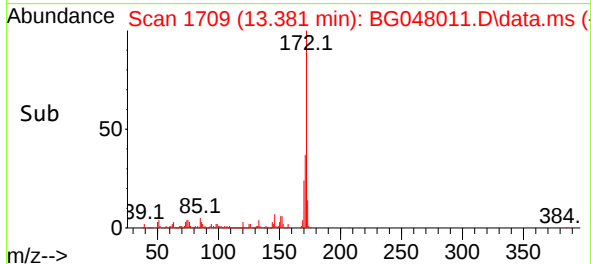
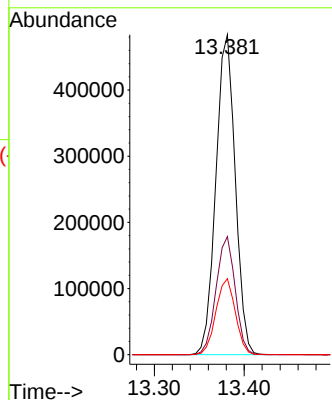
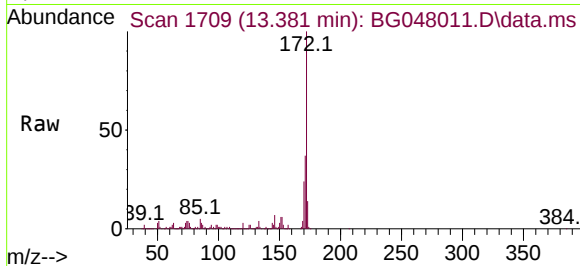




#45
2-Fluorobiphenyl
Concen: 76.67 ng
RT: 13.381 min Scan# 1709
Delta R.T. -0.004 min
Lab File: BG048011.D
Acq: 26 Jan 2021 17:52

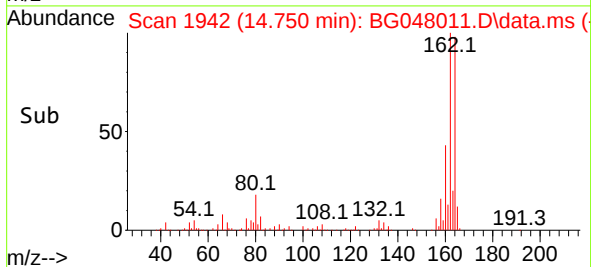
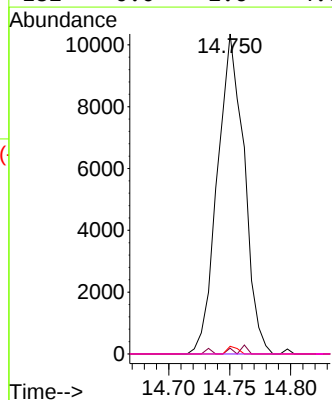
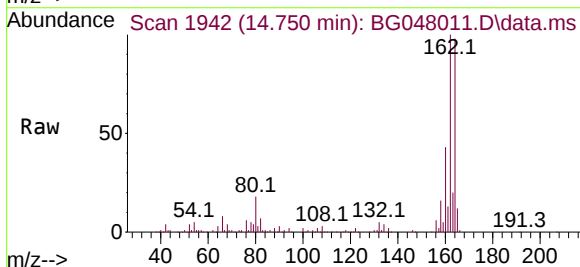
Instrument :
BNA_G
ClientSampleId :
IDW-BR2-AQ-012121-02

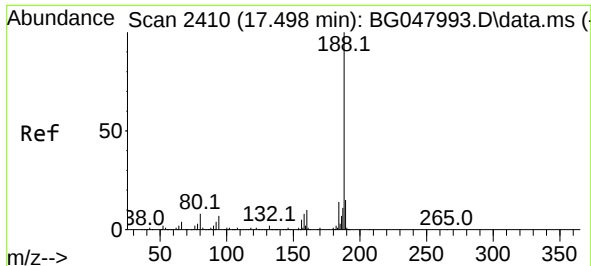
Tgt Ion:	172	Resp:	724793
Ion Ratio	Lower	Upper	
172	100		
171	36.9	31.3	46.9
170	23.8	20.8	31.2



#57
2,4-Dinitrotoluene
Concen: 4.76 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.356 min
Lab File: BG048011.D
Acq: 26 Jan 2021 17:52

Tgt Ion:	165	Resp:	15799
Ion Ratio	Lower	Upper	
165	100		
63	1.8	26.4	39.6#
89	2.4	47.8	71.8#
182	0.0	2.6	4.0#

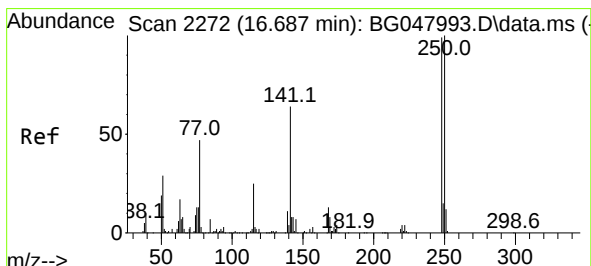
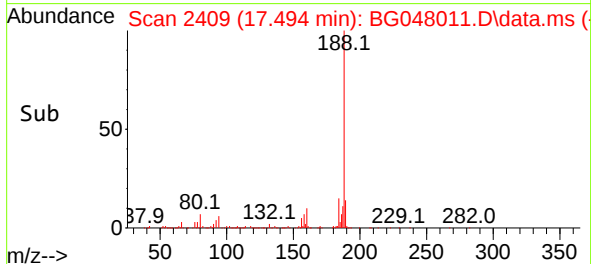
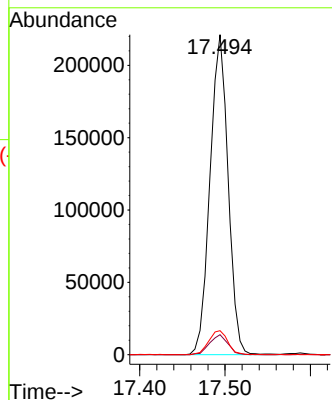
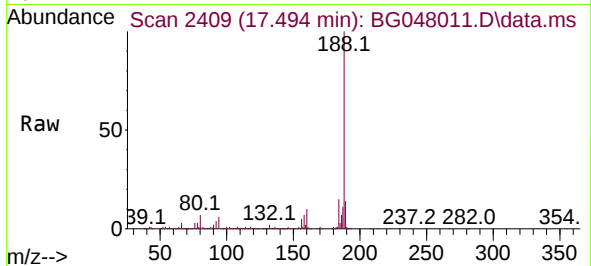




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG048011.D
Acq: 26 Jan 2021 17:52

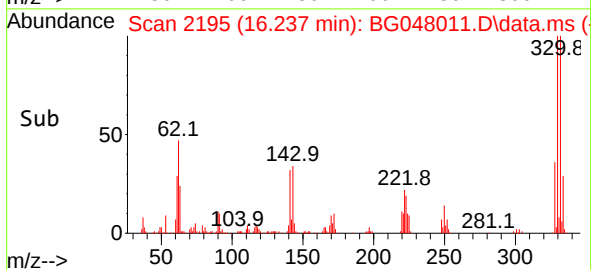
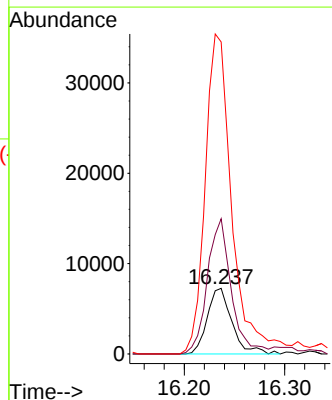
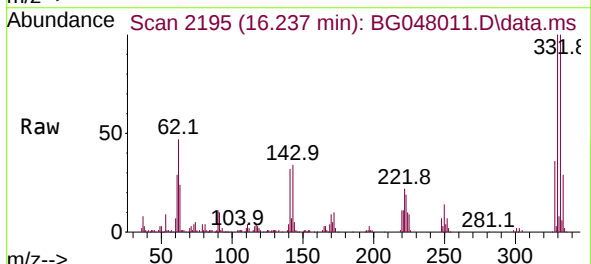
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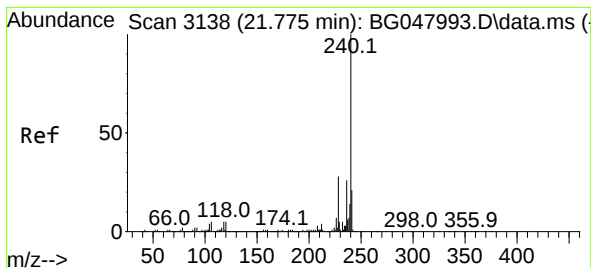
Tgt Ion:188 Resp: 325645
Ion Ratio Lower Upper
188 100
94 6.3 6.3 9.5#
80 7.5 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 2.85 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.450 min
Lab File: BG048011.D
Acq: 26 Jan 2021 17:52

Tgt Ion:248 Resp: 12406
Ion Ratio Lower Upper
248 100
250 206.0 78.9 118.3#
141 475.6 46.2 69.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.766 min Scan# 3136

Delta R.T. -0.010 min

Lab File: BG048011.D

Acq: 26 Jan 2021 17:52

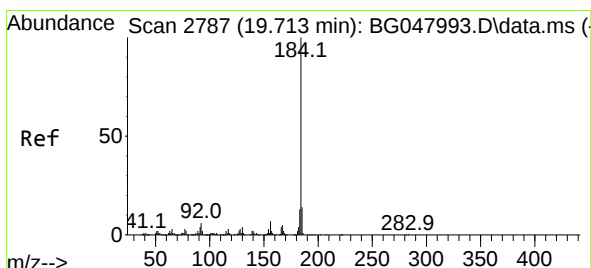
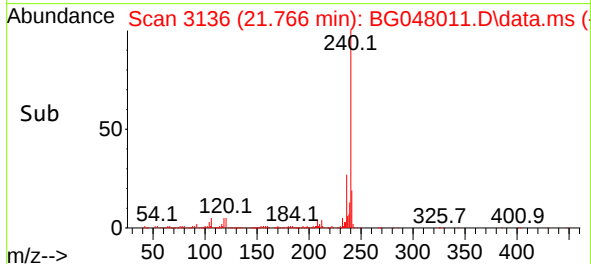
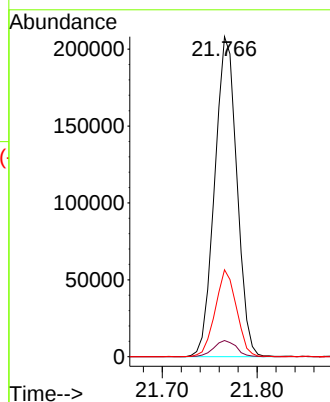
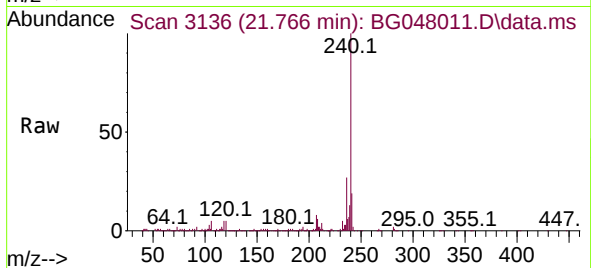
Tgt Ion:240 Resp: 338864

Ion Ratio Lower Upper

240 100

120 5.1 6.2 9.4#

236 27.1 20.5 30.7



#77

Benzidine

Concen: 2.31 ng

RT: 20.091 min Scan# 2851

Delta R.T. 0.378 min

Lab File: BG048011.D

Acq: 26 Jan 2021 17:52

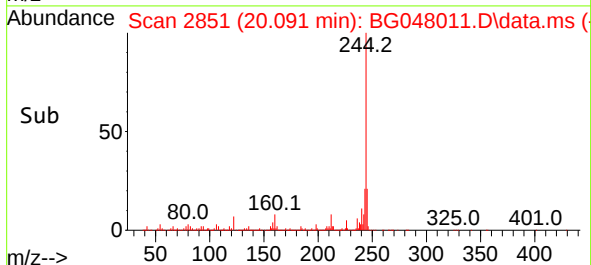
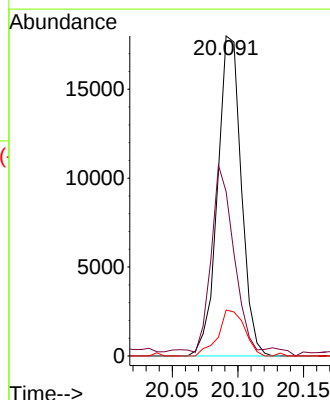
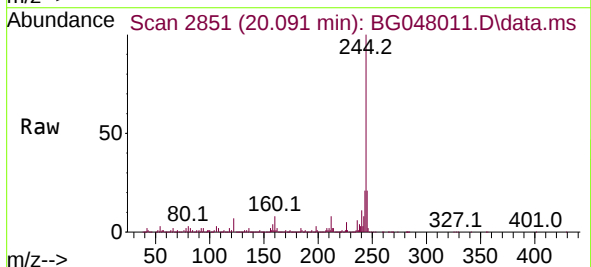
Tgt Ion:184 Resp: 22585

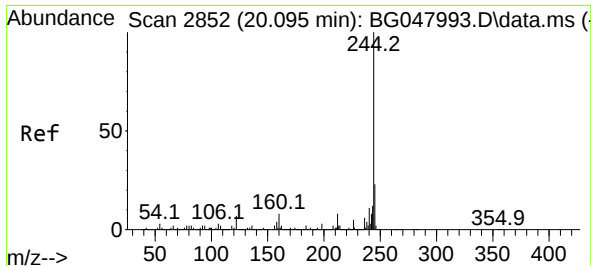
Ion Ratio Lower Upper

184 100

185 51.3 12.4 18.6#

183 14.4 10.6 15.8

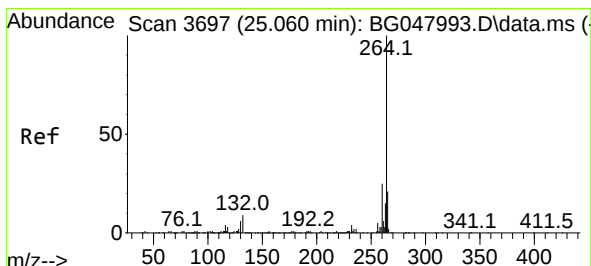
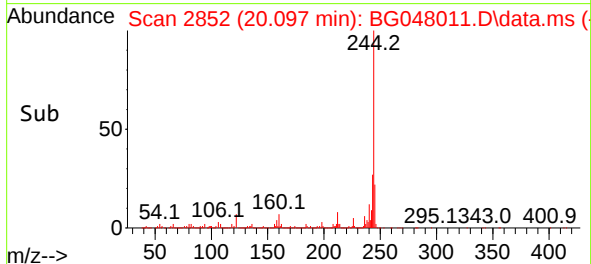
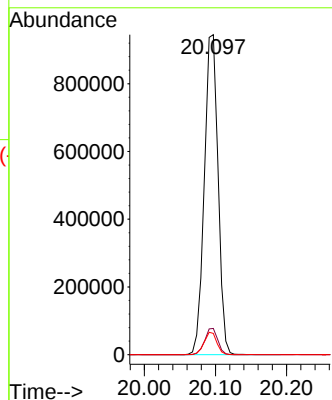
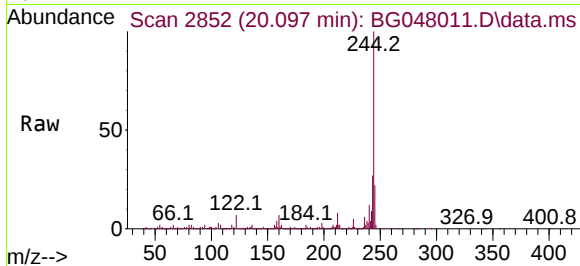




#79
 Terphenyl-d14
 Concen: 65.14 ng
 RT: 20.097 min Scan# 2852
 Delta R.T. 0.002 min
 Lab File: BG048011.D
 Acq: 26 Jan 2021 17:52

Instrument :
 BNA_G
 ClientSampleId :
 IDW-BR2-AQ-012121-02

Tgt Ion:244 Resp: 1273120
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.7 10.1
 122 6.6 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.056 min Scan# 3696
 Delta R.T. -0.004 min
 Lab File: BG048011.D
 Acq: 26 Jan 2021 17:52

Tgt Ion:264 Resp: 338223
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 20.8 17.8 26.8

