

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048460.D
 Acq On : 23 Mar 2021 2:39
 Operator : CG/JU
 Sample : M1712-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YELLOW-WALL-COMP

Quant Time: Mar 23 03:28:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

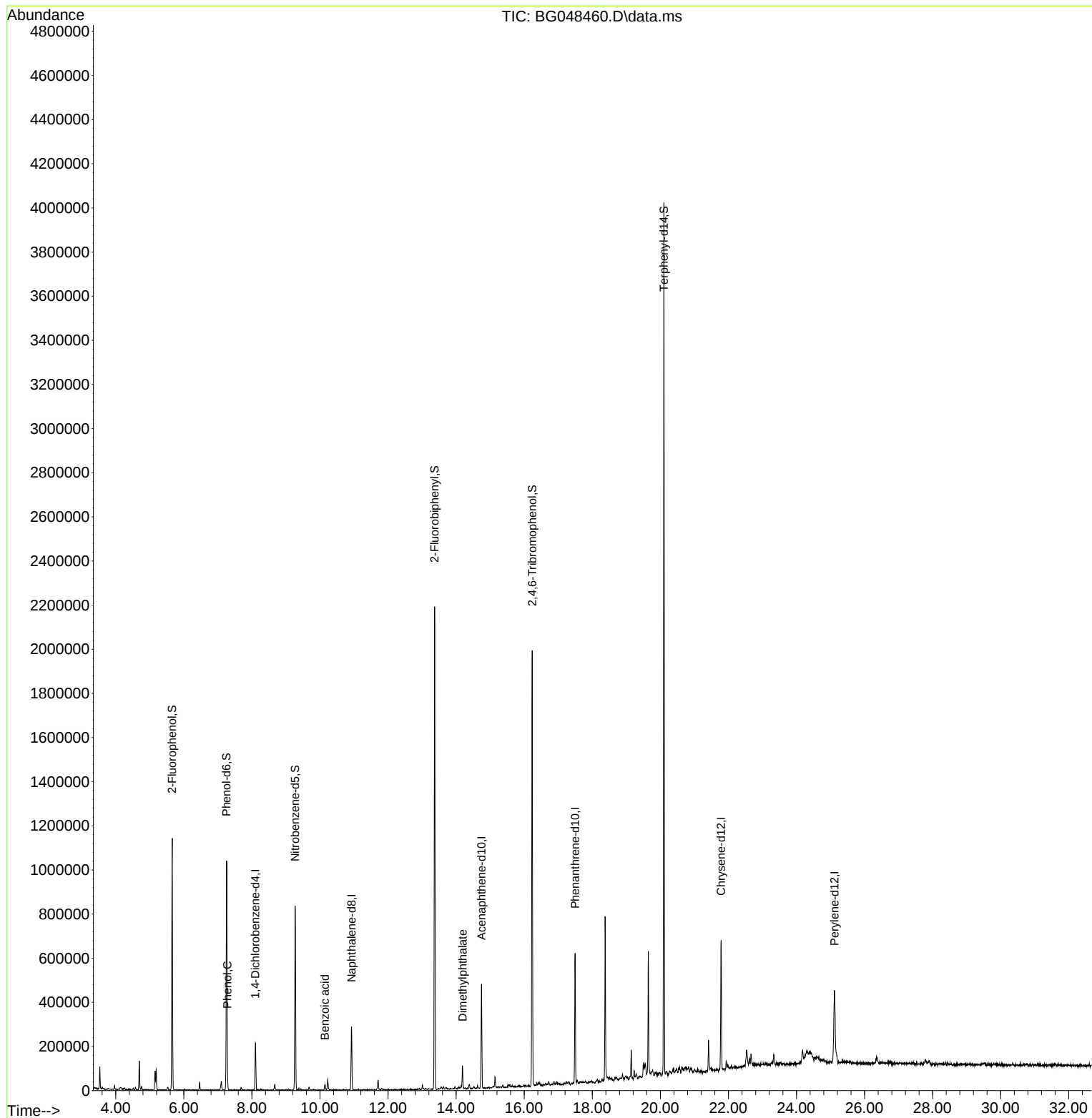
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	57359	20.00	ng	0.00
21) Naphthalene-d8	10.928	136	221405	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	163621	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	370553	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	370074	20.00	ng	# 0.00
86) Perylene-d12	25.118	264	376608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	427232	123.17	ng	0.01
7) Phenol-d6	7.256	99	531284	105.26	ng	0.00
23) Nitrobenzene-d5	9.271	82	495690	89.52	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	372593	140.02	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	1075952	94.60	ng	0.00
79) Terphenyl-d14	20.106	244	1772410	86.37	ng	0.00
Target Compounds						
10) Phenol	7.280	94	16018	3.10	ng	# 40
32) Benzoic acid	10.147	122	9202	3.36	ng	# 75
50) Dimethylphthalate	14.189	163	66150	4.97	ng	98

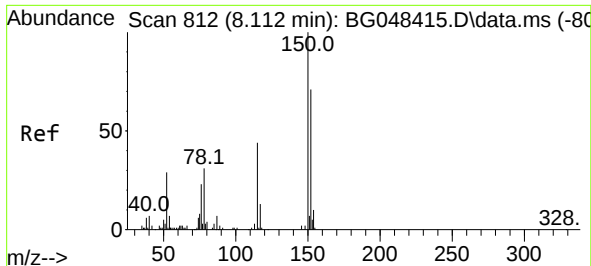
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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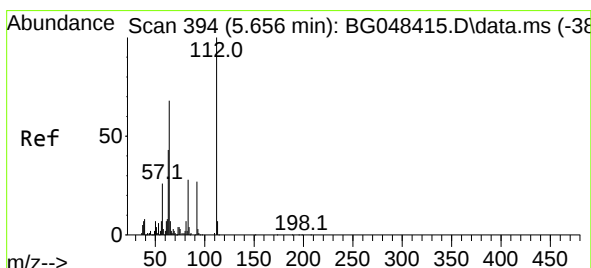
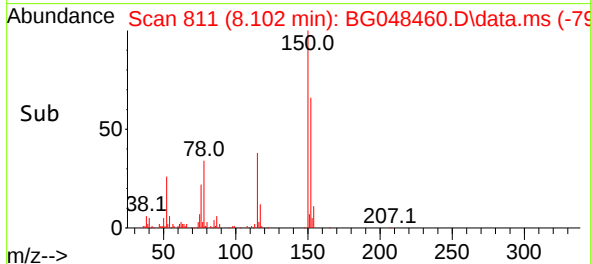
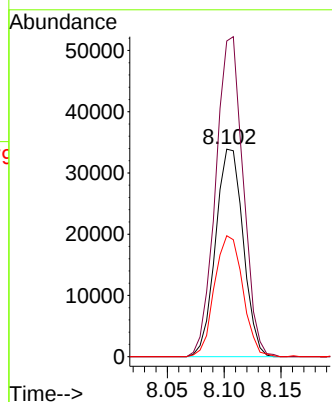
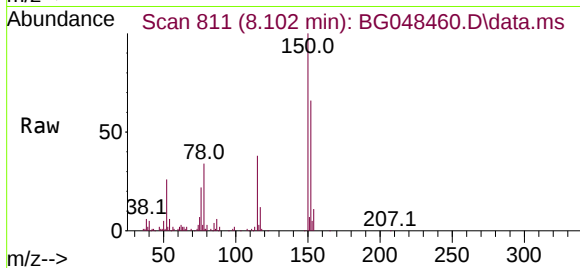




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

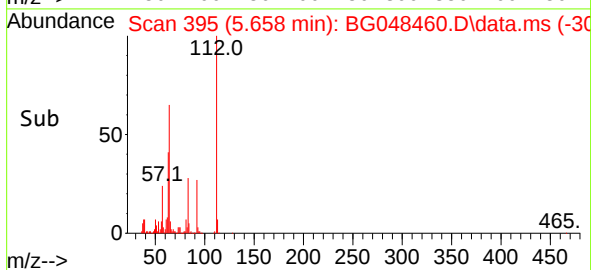
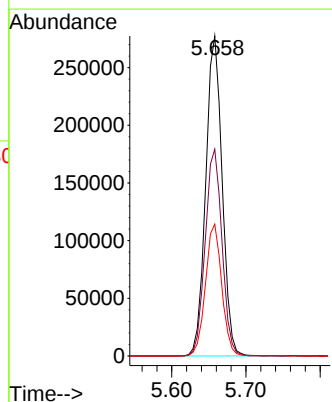
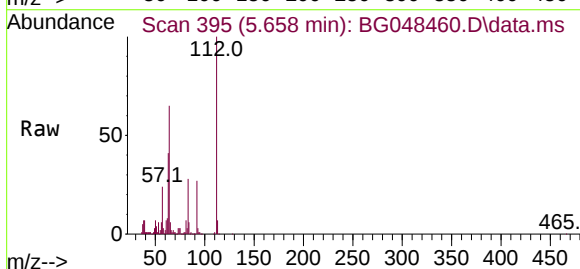
Instrument :
BNA_G
ClientSampleId :
YELLOW-WALL-COMP

Tgt Ion:152 Resp: 57359
Ion Ratio Lower Upper
152 100
150 152.1 125.0 187.6
115 58.3 41.8 62.6



#5
2-Fluorophenol
Concen: 123.17 ng
RT: 5.658 min Scan# 395
Delta R.T. 0.011 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion:112 Resp: 427232
Ion Ratio Lower Upper
112 100
64 64.6 46.7 70.1
63 41.2 22.8 34.2#

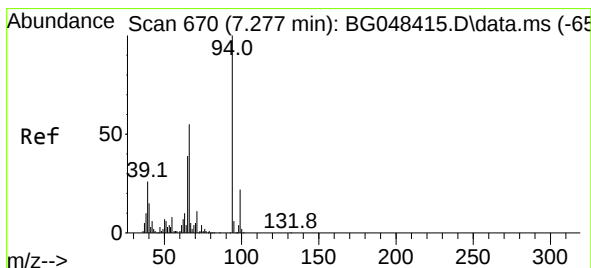
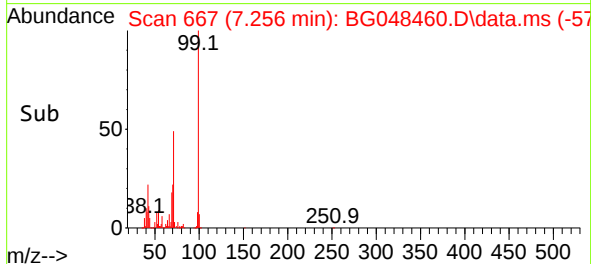
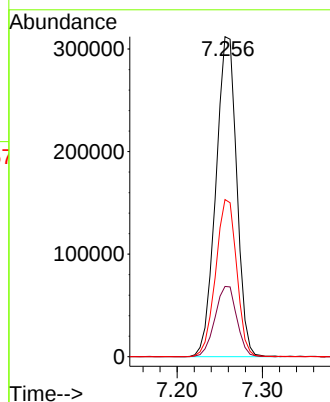
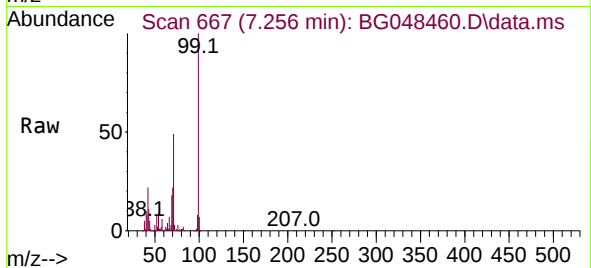




#7
Phenol-d6
Concen: 105.26 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.005 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

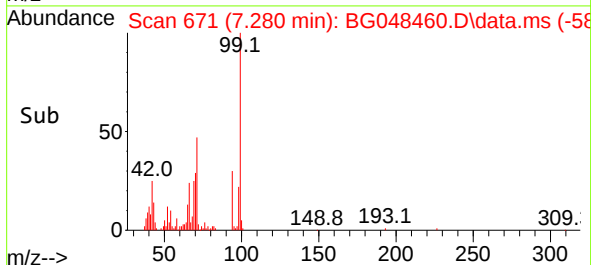
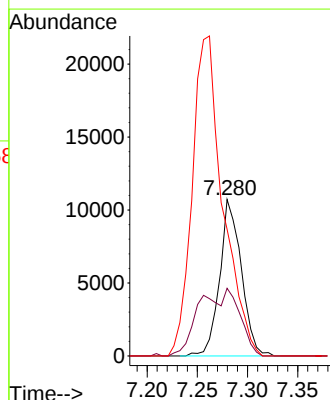
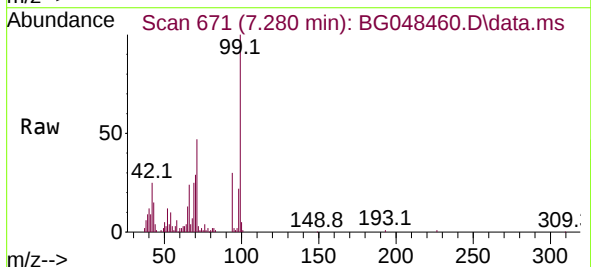
Instrument :
BNA_G
ClientSampleId :
YELLOW-WALL-COMP

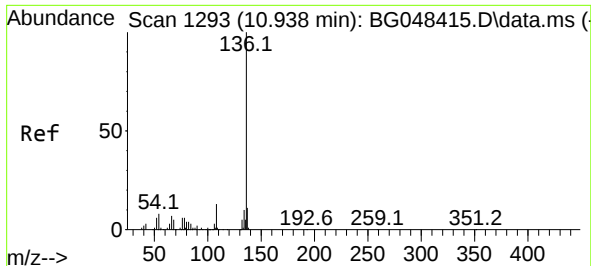
Tgt Ion: 99 Resp: 531284
Ion Ratio Lower Upper
99 100
42 22.0 12.8 19.2#
71 49.1 24.6 36.8#



#10
Phenol
Concen: 3.10 ng
RT: 7.280 min Scan# 671
Delta R.T. 0.005 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion: 94 Resp: 16018
Ion Ratio Lower Upper
94 100
65 43.2 6.6 46.6
66 81.0 13.9 53.9#

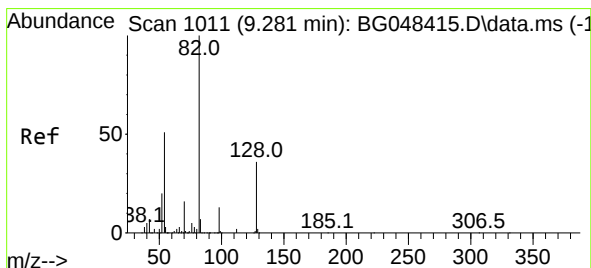
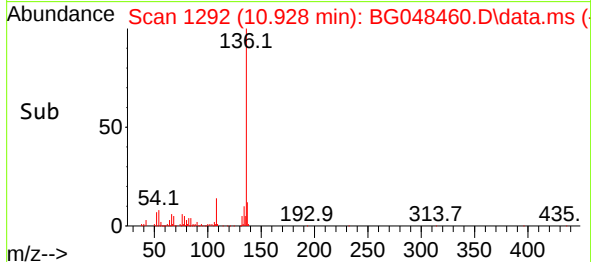
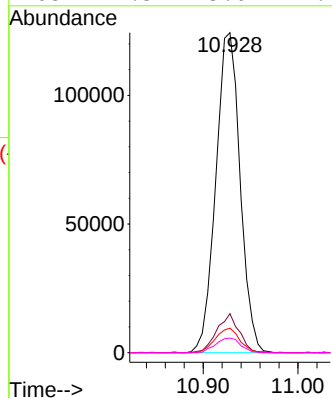
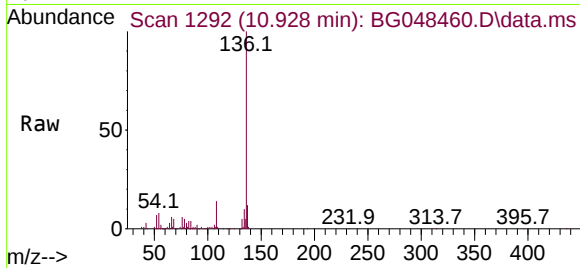




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.928 min Scan# 1292
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

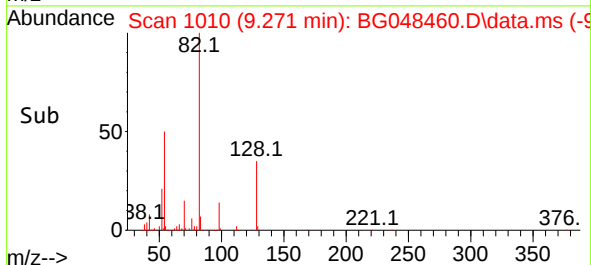
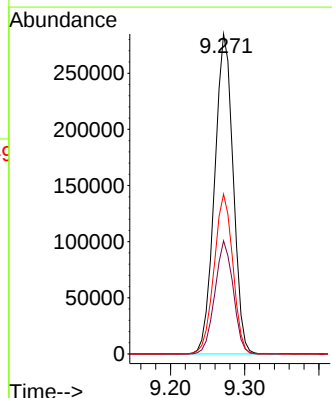
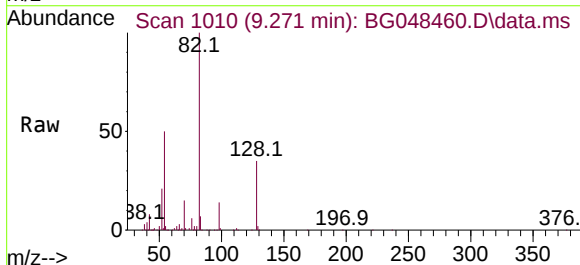
Instrument :
BNA_G
ClientSampleId :
YELLOW-WALL-COMP

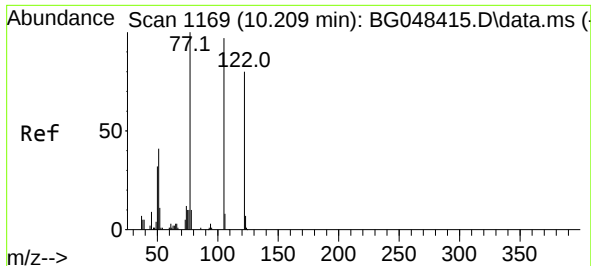
Tgt Ion:	136	Resp:	221405
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.1	13.7
54	7.7	6.2	9.4
68	4.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 89.52 ng
RT: 9.271 min Scan# 1010
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion:	82	Resp:	495690
Ion Ratio	Lower	Upper	
82	100		
128	35.4	37.0	55.6
54	49.9	39.0	58.4

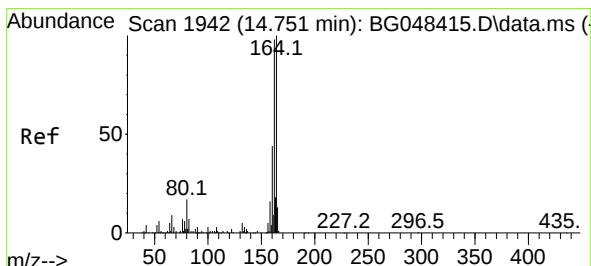
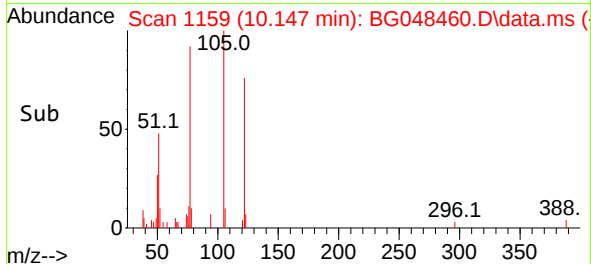
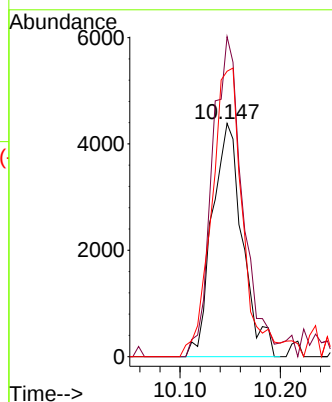
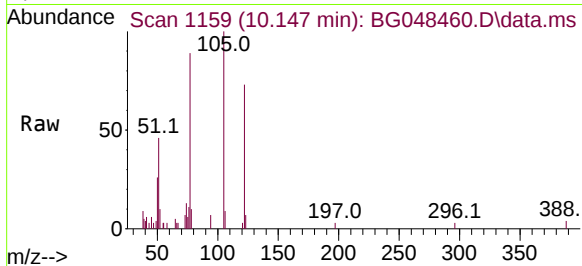




#32
Benzoic acid
Concen: 3.36 ng
RT: 10.147 min Scan# 1159
Delta R.T. -0.053 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

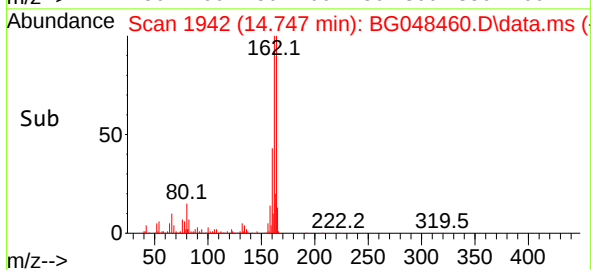
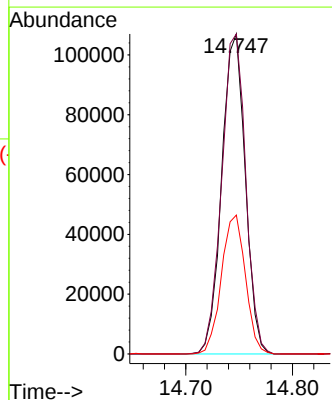
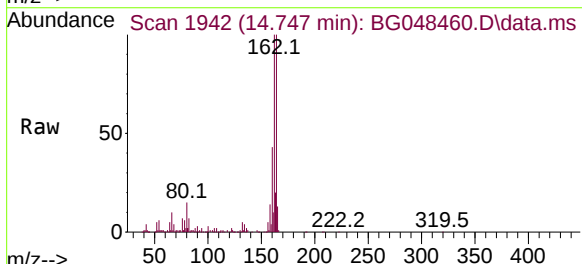
Instrument :
BNA_G
ClientSampleId :
YELLOW-WALL-COMP

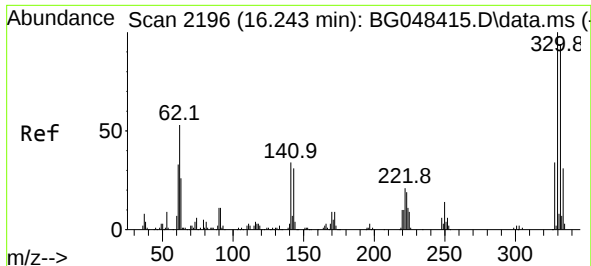
Tgt Ion:122 Resp: 9202
Ion Ratio Lower Upper
122 100
105 137.2 103.7 143.7
77 122.4 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion:164 Resp: 163621
Ion Ratio Lower Upper
164 100
162 100.0 82.3 123.5
160 43.4 35.3 52.9

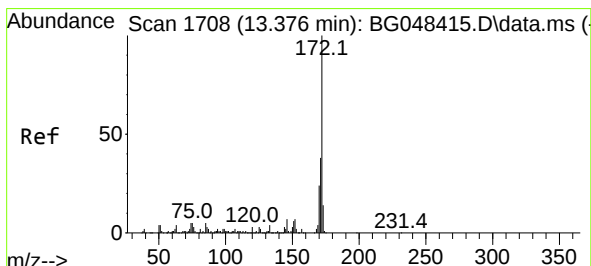
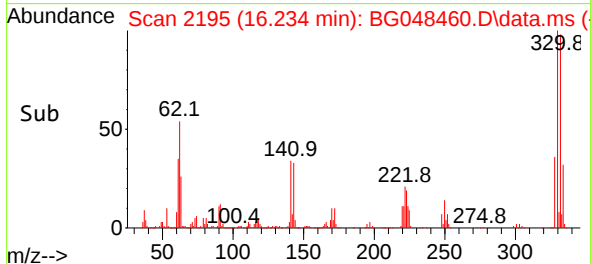
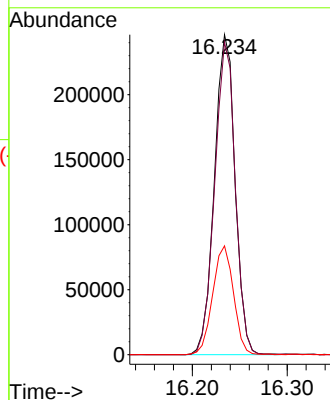
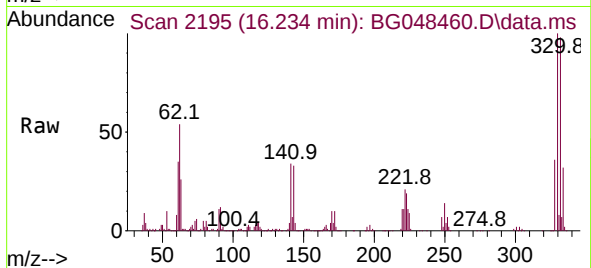




#42
2,4,6-Tribromophenol
Concen: 140.02 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

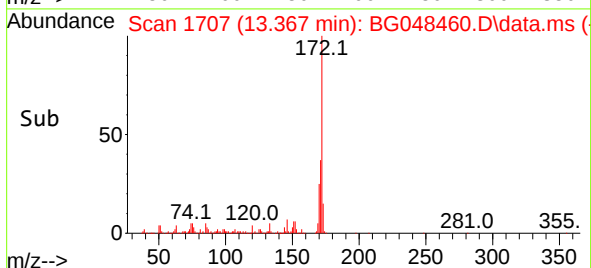
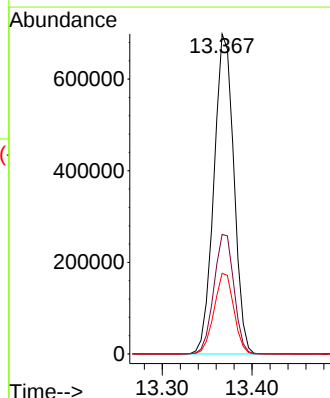
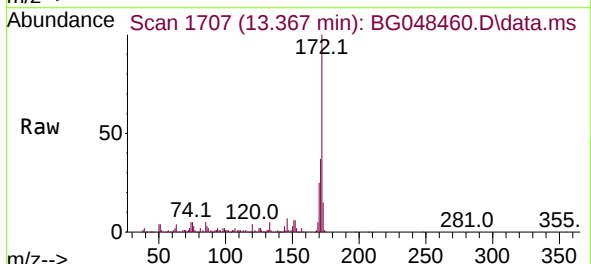
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YELLOW-WALL-COMP

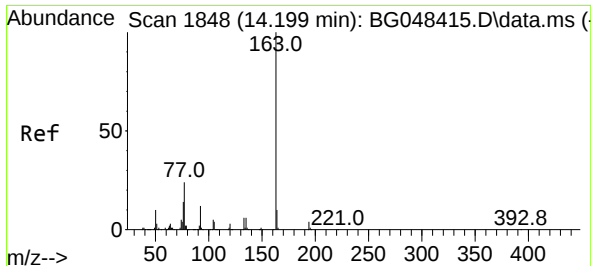
Tgt Ion:330 Resp: 372593
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 34.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 94.60 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion:172 Resp: 1075952
Ion Ratio Lower Upper
172 100
171 37.3 31.3 46.9
170 25.2 20.8 31.2

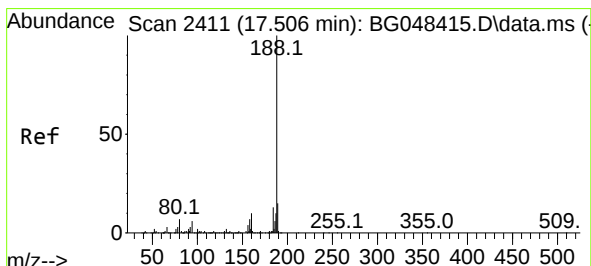
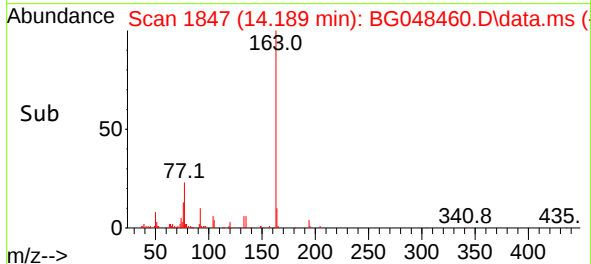
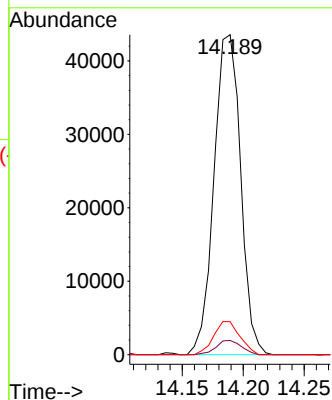
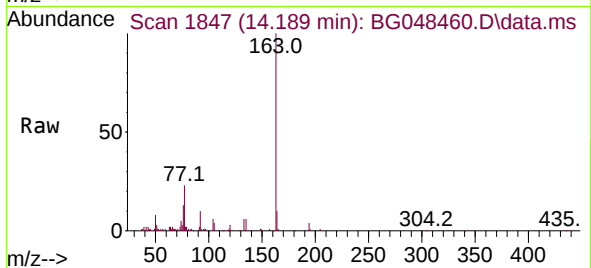




#50
Dimethylphthalate
Concen: 4.97 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

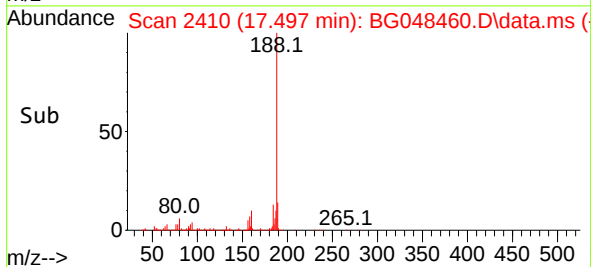
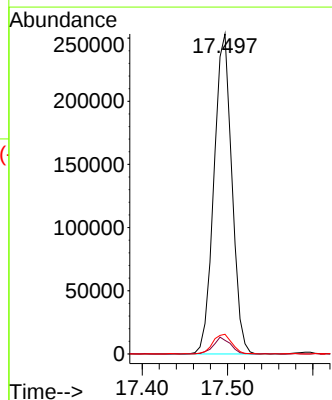
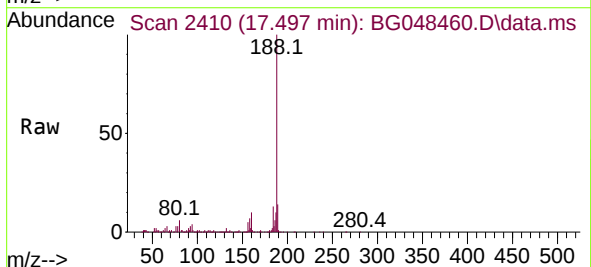
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YELLOW-WALL-COMP

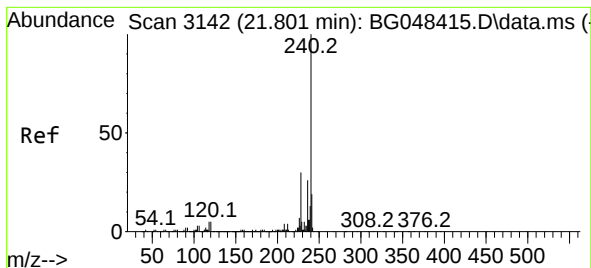
Tgt Ion:163 Resp: 66150
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.8
164 10.3 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion:188 Resp: 370553
Ion Ratio Lower Upper
188 100
94 4.2 6.3 9.5#
80 6.2 7.0 10.6#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.786 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BG048460.D

Acq: 23 Mar 2021 2:39

Tgt Ion:240 Resp: 370074

Ion Ratio Lower Upper

240 100

120 4.5 6.2 9.4#

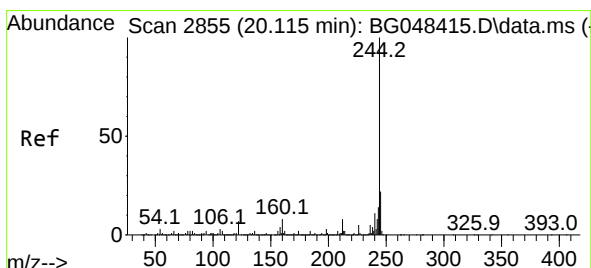
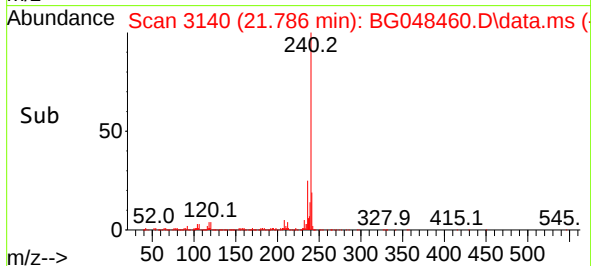
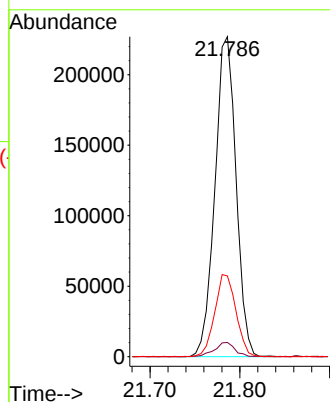
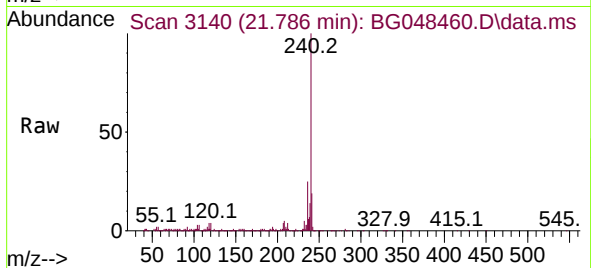
236 25.2 20.5 30.7

Instrument :

BNA_G

ClientSampleId :

YELLOW-WALL-COMP



#79

Terphenyl-d14

Concen: 86.37 ng

RT: 20.106 min Scan# 2854

Delta R.T. -0.001 min

Lab File: BG048460.D

Acq: 23 Mar 2021 2:39

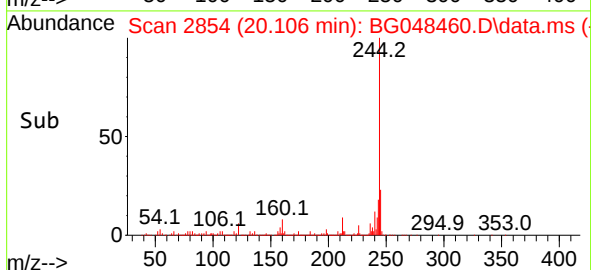
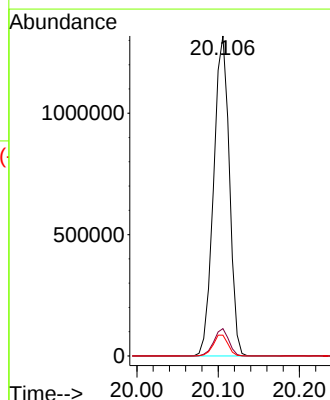
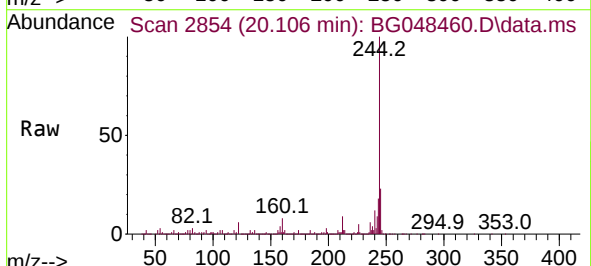
Tgt Ion:244 Resp: 1772410

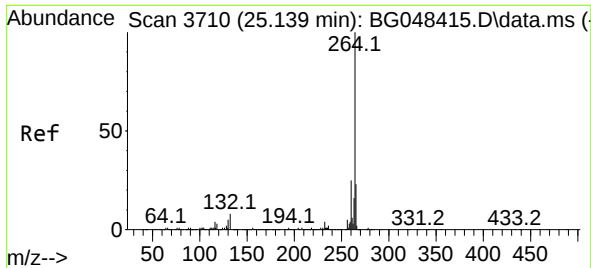
Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

122 6.5 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.118 min Scan# 3707
 Delta R.T. -0.006 min
 Lab File: BG048460.D
 Acq: 23 Mar 2021 2:39

Instrument :
 BNA_G
 ClientSampleId :
 YELLOW-WALL-COMP

Tgt Ion:264	Resp:	376608
Ion Ratio	Lower	Upper
264	100	
260	22.8	18.8 28.2
265	21.6	17.8 26.8

