

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110420\
 Data File : BG047215.D
 Acq On : 4 Nov 2020 17:36
 Operator : CG/JU
 Sample : PB132782BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132782BL

Quant Time: Nov 04 18:11:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

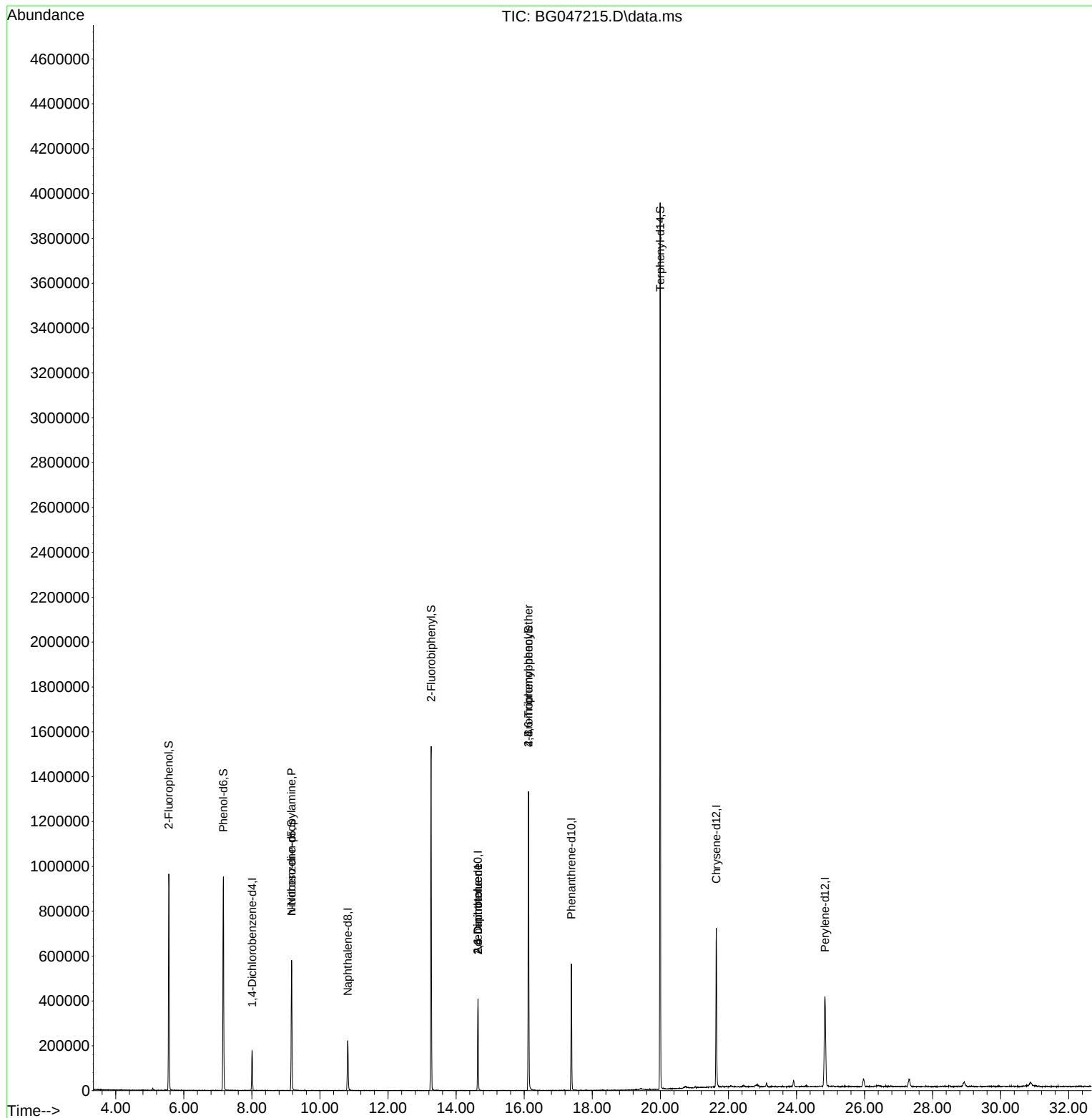
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	49458	20.00	ng	0.00
21) Naphthalene-d8	10.817	136	196145	20.00	ng	# 0.00
39) Acenaphthene-d10	14.642	164	142397	20.00	ng	0.00
64) Phenanthrene-d10	17.386	188	359693	20.00	ng	# 0.00
76) Chrysene-d12	21.646	240	447850	20.00	ng	# 0.00
86) Perylene-d12	24.836	264	439442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.559	112	379283	124.31	ng	0.00
7) Phenol-d6	7.162	99	510209	115.51	ng	0.00
23) Nitrobenzene-d5	9.166	82	342526	74.94	ng	0.00
42) 2,4,6-Tribromophenol	16.128	330	268175	112.47	ng	0.00
45) 2-Fluorobiphenyl	13.267	172	813950	73.31	ng	0.00
79) Terphenyl-d14	19.995	244	1692425	66.45	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.166	70	47898	16.50	ng	# 75
51) 2,6-Dinitrotoluene	14.642	165	17918	6.87	ng	# 32
57) 2,4-Dinitrotoluene	14.642	165	17918	4.71	ng	# 30
67) 4-Bromophenyl-phenylether	16.128	248	18398	3.66	ng	# 1

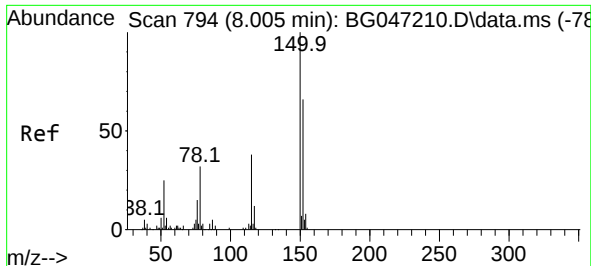
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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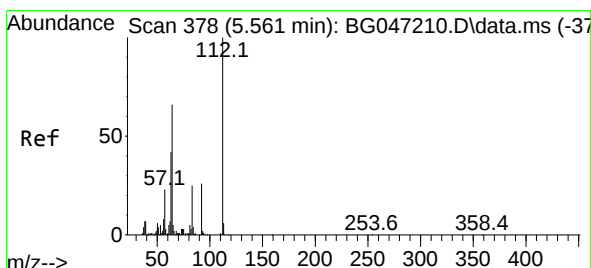
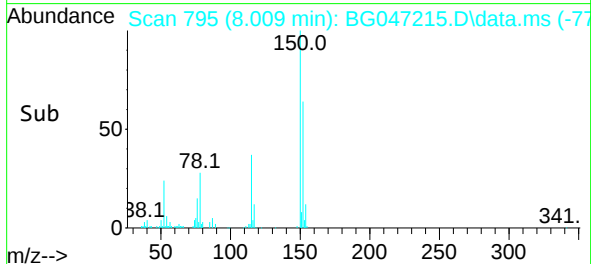
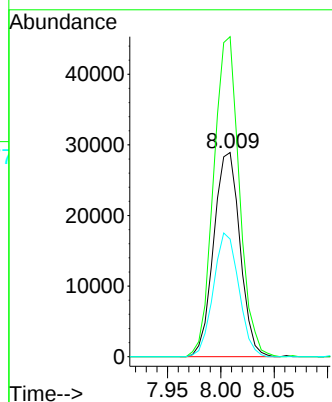
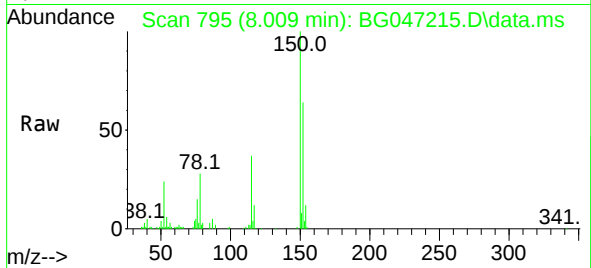




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.009 min Scan# 795
Delta R.T. 0.004 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

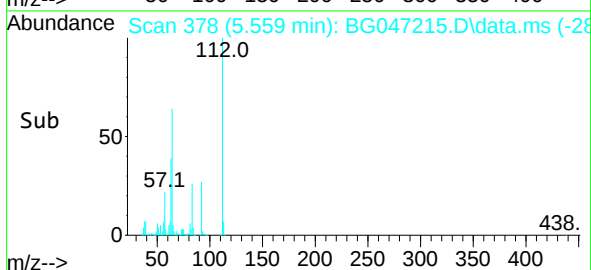
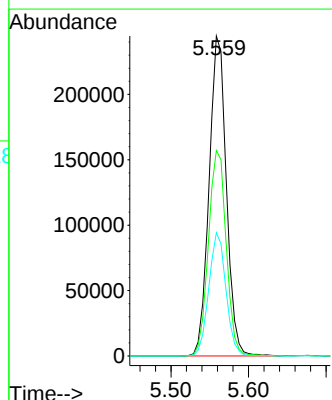
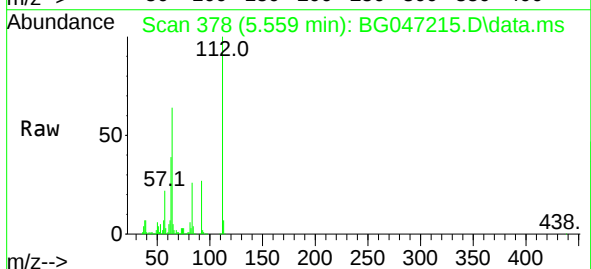
Instrument :
BNA_G
ClientSampleId :
PB132782BL

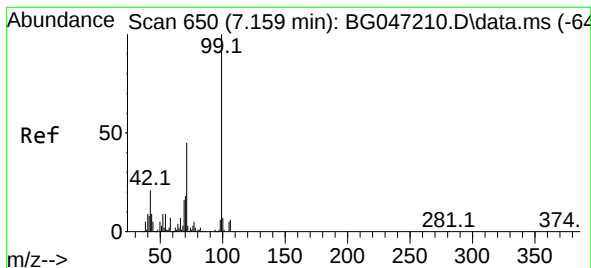
Tgt Ion:152 Resp: 49458
Ion Ratio Lower Upper
152 100
150 156.7 125.0 187.6
115 57.6 41.8 62.6



#5
2-Fluorophenol
Concen: 124.31 ng
RT: 5.559 min Scan# 378
Delta R.T. -0.002 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

Tgt Ion:112 Resp: 379283
Ion Ratio Lower Upper
112 100
64 64.2 46.7 70.1
63 38.5 22.8 34.2#





#7

Phenol-d6

Concen: 115.51 ng

RT: 7.162 min Scan# 651

Delta R.T. 0.004 min

Lab File: BG047215.D

Acq: 4 Nov 2020 17:36

Tgt Ion: 99 Resp: 510209

Ion Ratio Lower Upper

99 100

42 19.3 12.8 19.2#

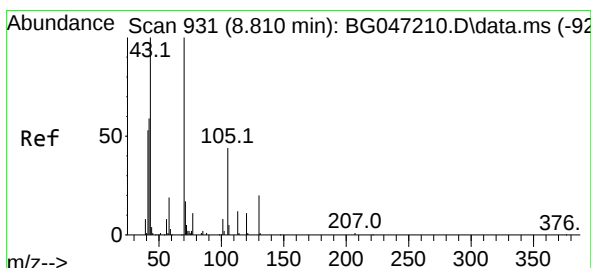
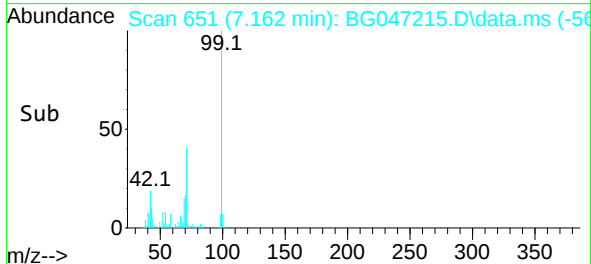
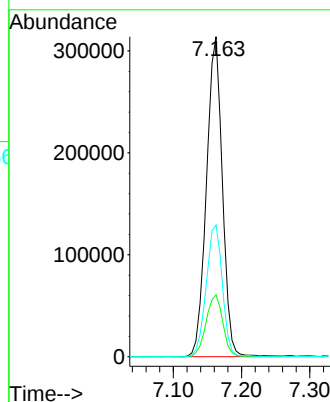
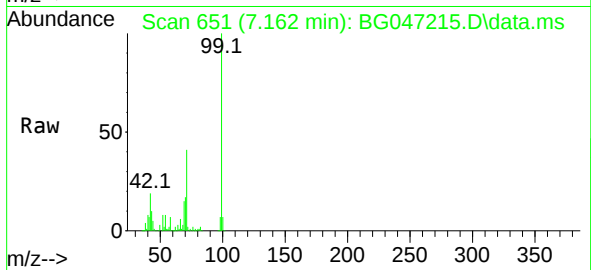
71 41.2 24.6 36.8#

Instrument :

BNA_G

ClientSampleId :

PB132782BL



#19

n-Nitroso-di-n-propylamine

Concen: 16.50 ng

RT: 9.166 min Scan# 992

Delta R.T. 0.356 min

Lab File: BG047215.D

Acq: 4 Nov 2020 17:36

Tgt Ion: 70 Resp: 47898

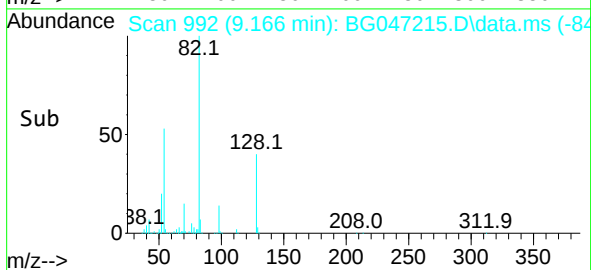
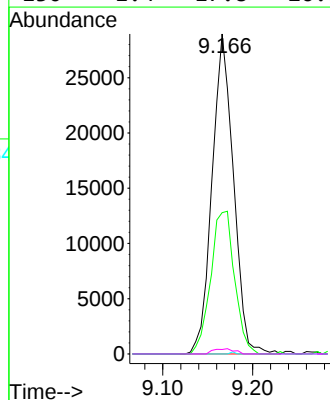
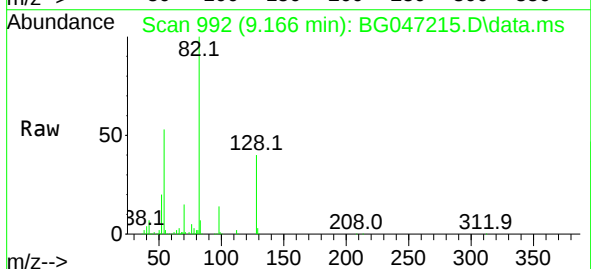
Ion Ratio Lower Upper

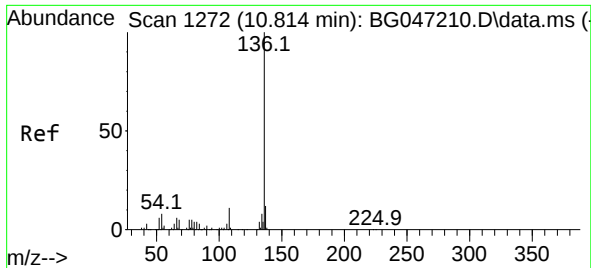
70 100

42 44.2 45.6 68.4#

101 0.0 8.4 12.6#

130 1.4 17.8 26.8#

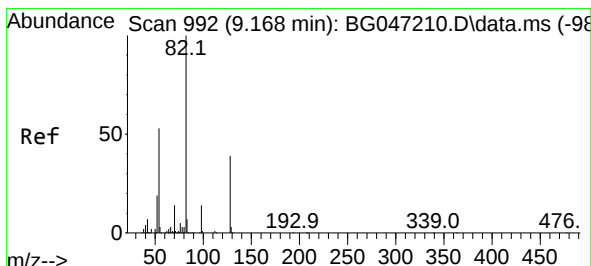
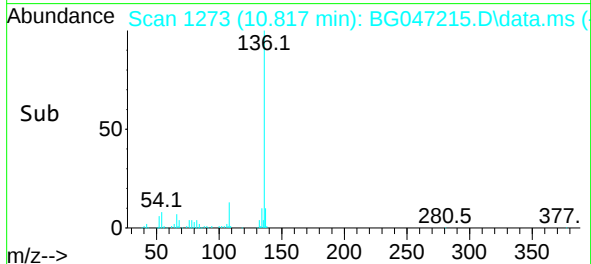
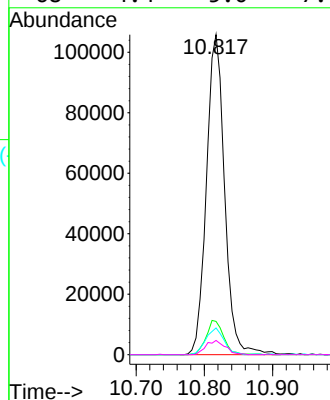
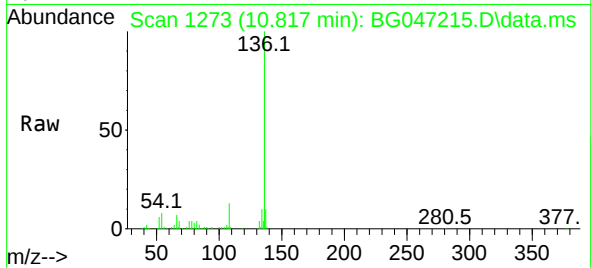




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.817 min Scan# 1273
Delta R.T. 0.003 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

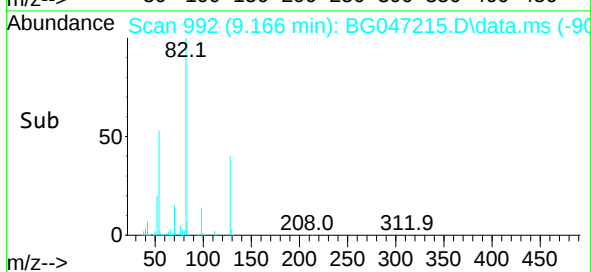
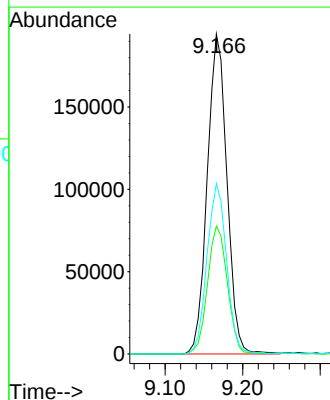
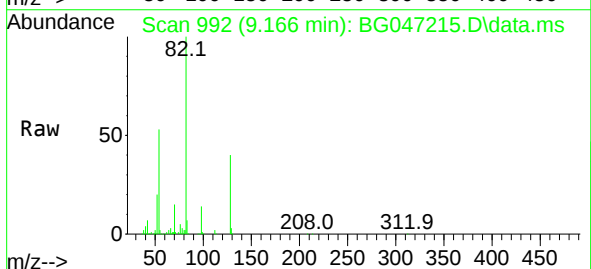
Instrument :
BNA_G
ClientSampleId :
PB132782BL

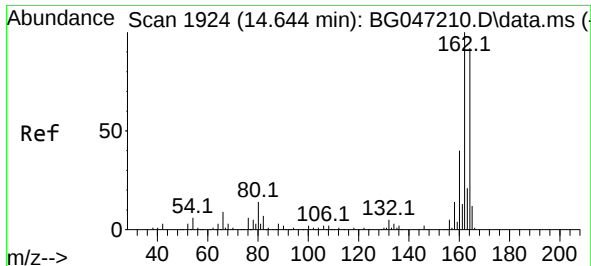
Tgt Ion:	136	Resp:	196145
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.1	13.7
54	8.4	6.2	9.4
68	4.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 74.94 ng
RT: 9.166 min Scan# 992
Delta R.T. -0.002 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

Tgt Ion:	82	Resp:	342526
Ion Ratio	Lower	Upper	
82	100		
128	40.0	37.0	55.6
54	53.3	39.0	58.4



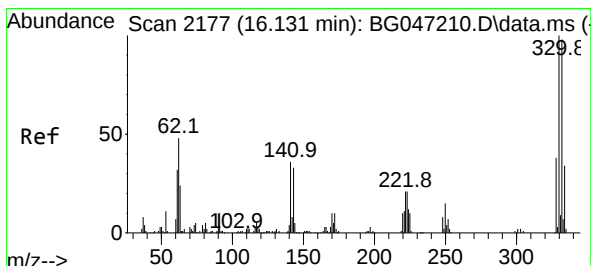
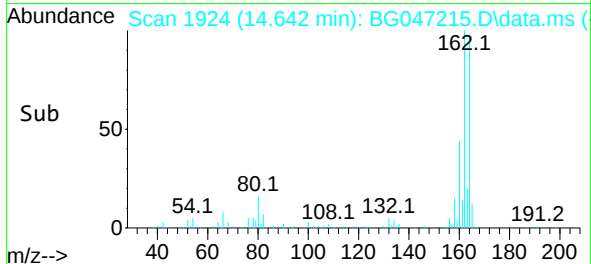
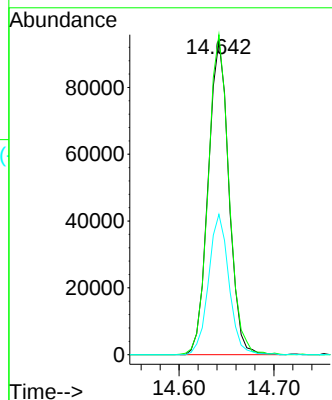
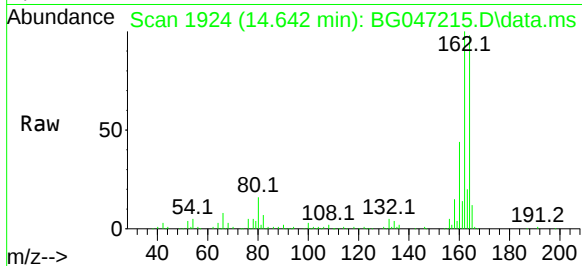


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.642 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB132782BL

Tgt Ion:164 Resp: 142397

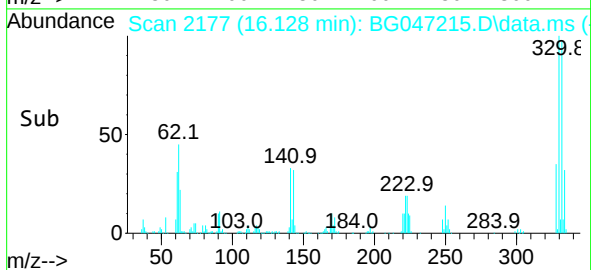
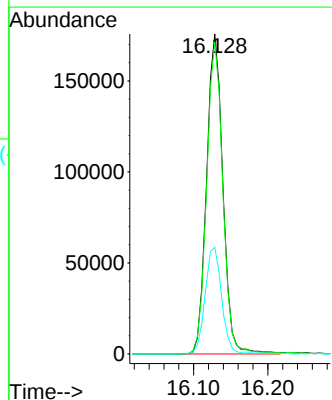
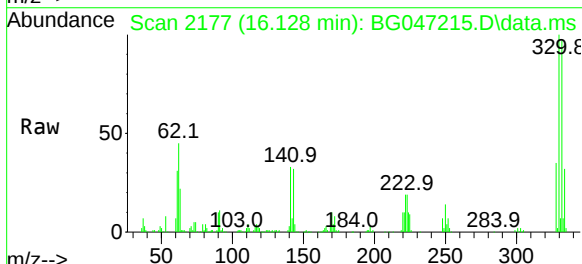
Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.3	123.5
160	44.7	35.3	52.9

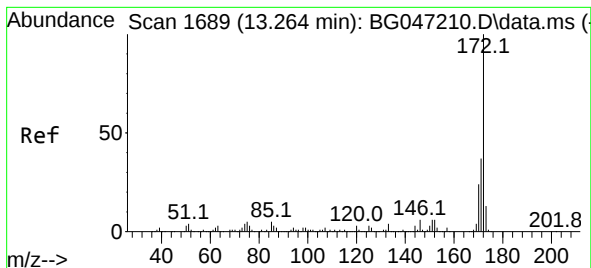


#42
2,4,6-Tribromophenol
Concen: 112.47 ng
RT: 16.128 min Scan# 2177
Delta R.T. -0.002 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

Tgt Ion:330 Resp: 268175

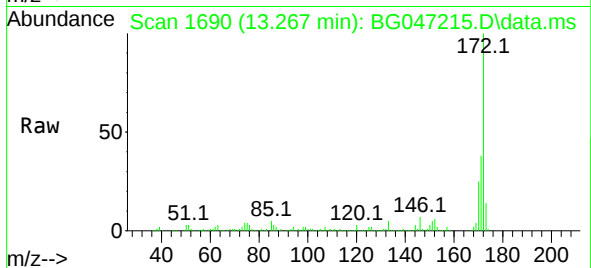
Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.5	114.7
141	34.1	26.0	39.0



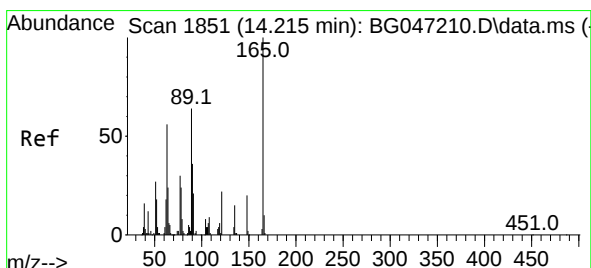
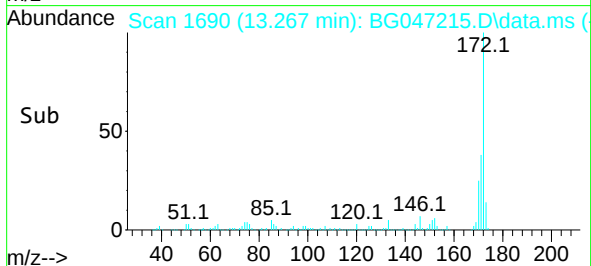
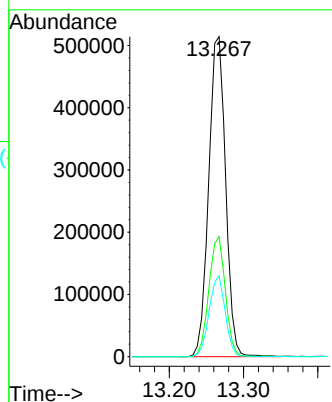


#45
2-Fluorobiphenyl
Concen: 73.31 ng
RT: 13.267 min Scan# 1690
Delta R.T. 0.004 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

Instrument :
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ClientSampleId :
PB132782BL

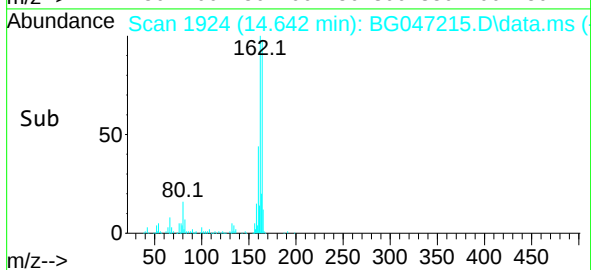
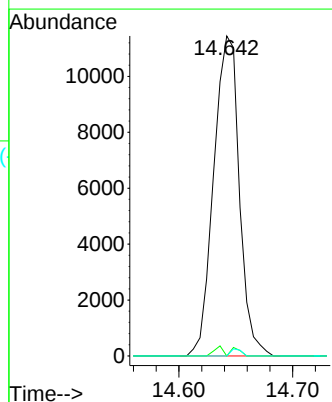
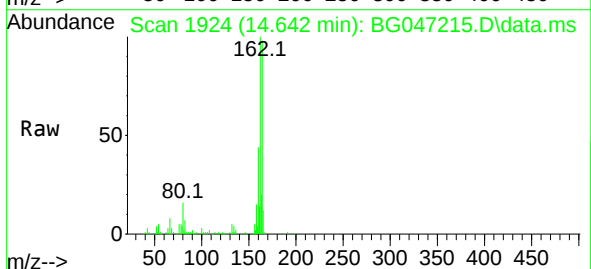


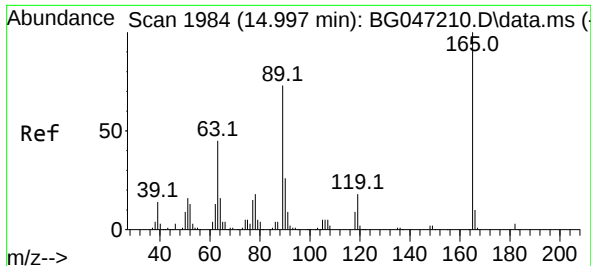
Tgt Ion:172 Resp: 813950
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 25.3 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.87 ng
RT: 14.642 min Scan# 1924
Delta R.T. 0.427 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

Tgt Ion:165 Resp: 17918
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#

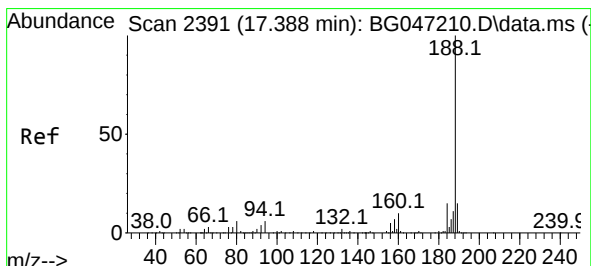
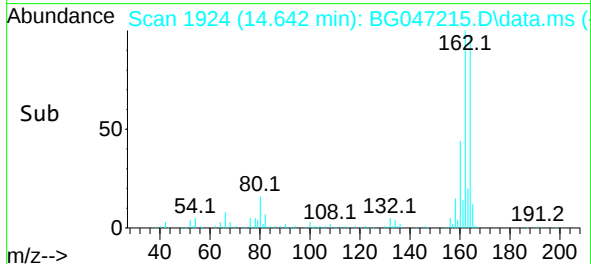
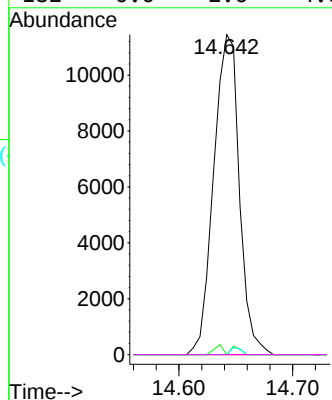
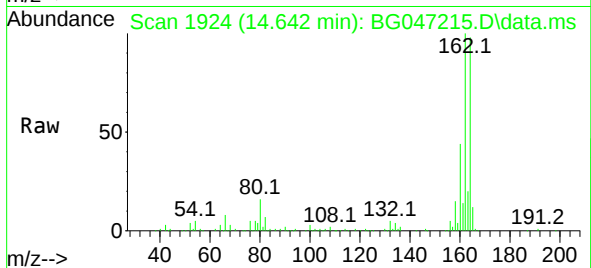




#57
2,4-Dinitrotoluene
Concen: 4.71 ng
RT: 14.642 min Scan# 1924
Delta R.T. -0.355 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

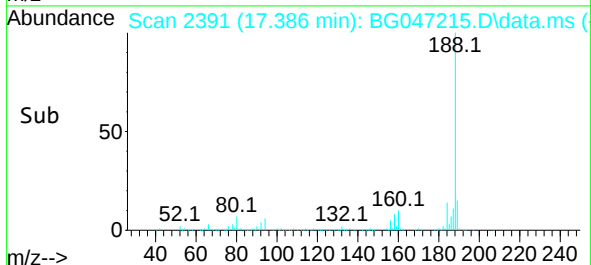
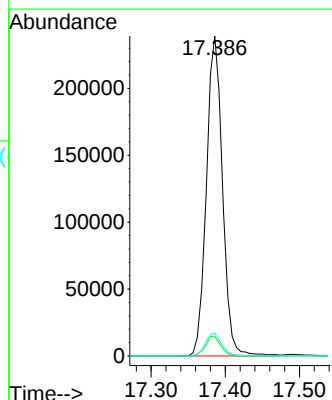
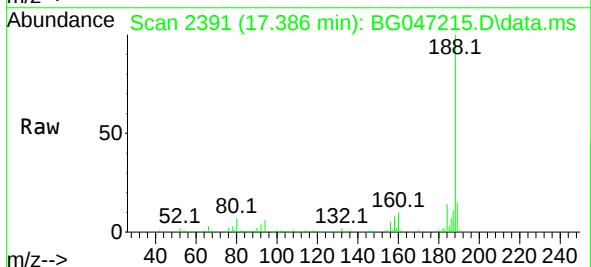
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BNA_G
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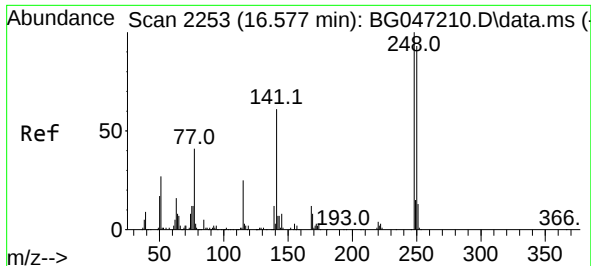
Tgt Ion:165 Resp: 17918
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.386 min Scan# 2391
Delta R.T. -0.002 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

Tgt Ion:188 Resp: 359693
Ion Ratio Lower Upper
188 100
94 6.2 6.3 9.5#
80 7.1 7.0 10.6

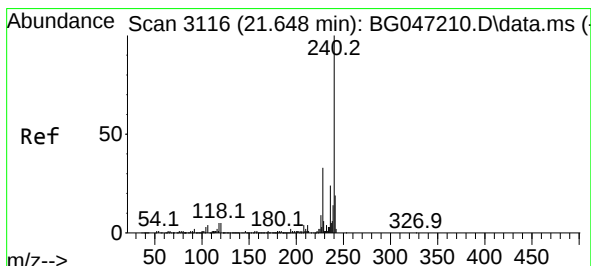
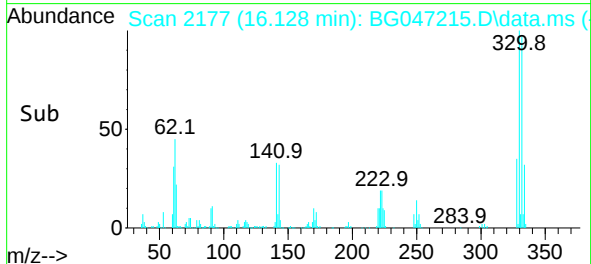
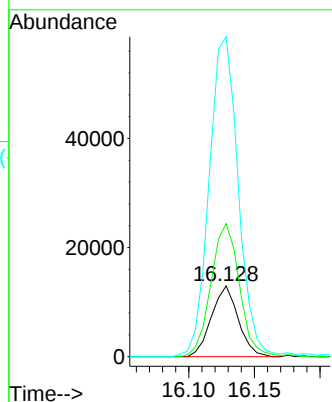
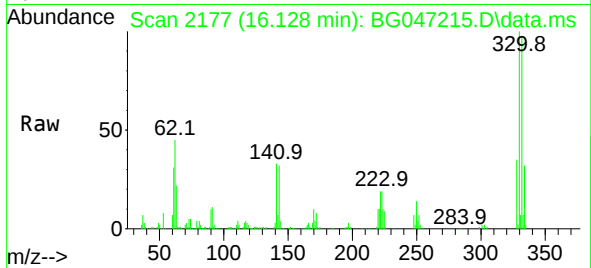




#67
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 16.128 min Scan# 2177
Delta R.T. -0.449 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

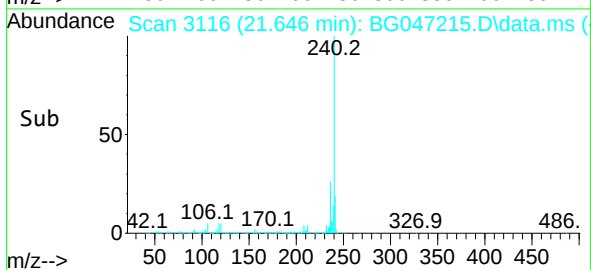
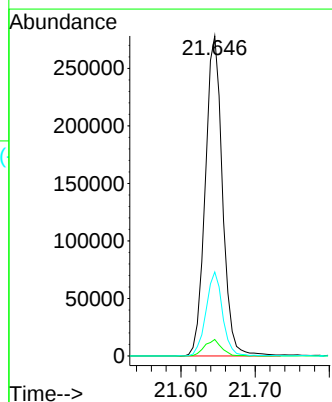
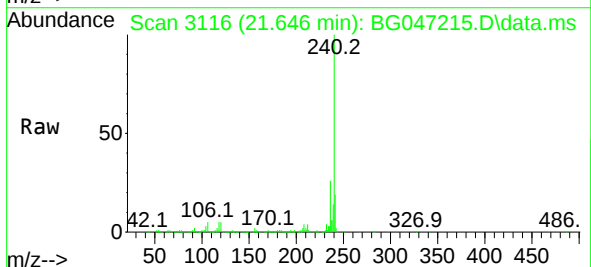
Instrument :
BNA_G
ClientSampleId :
PB132782BL

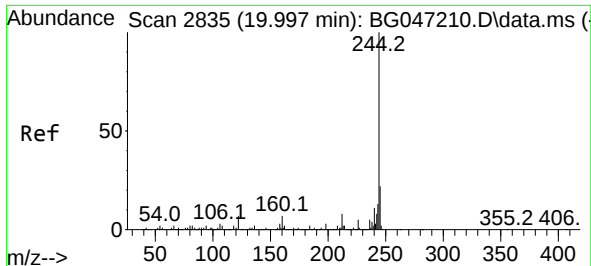
Tgt Ion:248 Resp: 18398
Ion Ratio Lower Upper
248 100
250 188.0 78.9 118.3#
141 452.1 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.646 min Scan# 3116
Delta R.T. -0.002 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

Tgt Ion:240 Resp: 447850
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 26.3 20.5 30.7

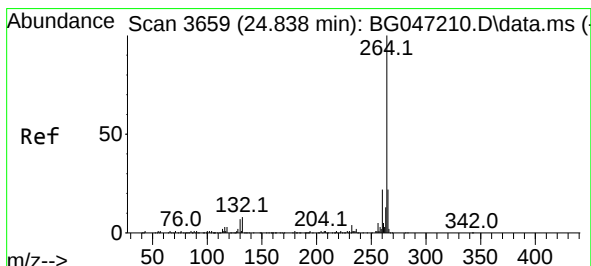
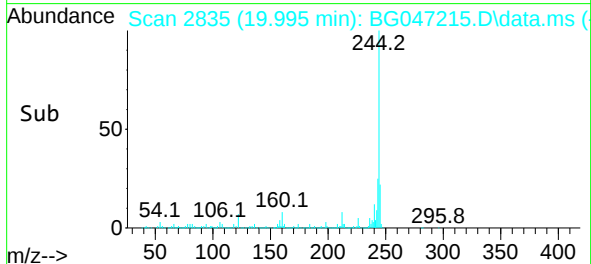
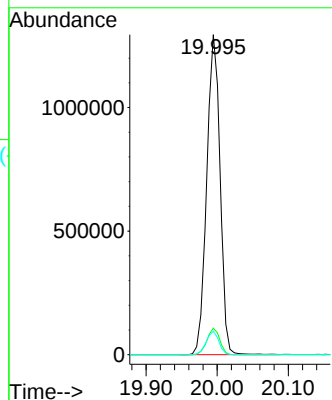
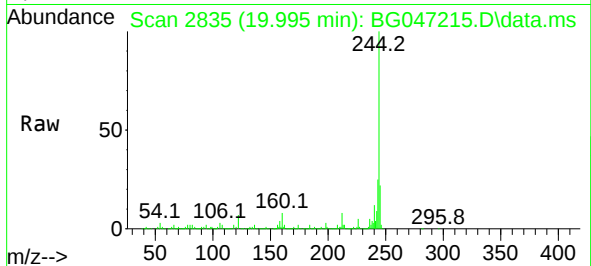




#79
Terphenyl-d14
Concen: 66.45 ng
RT: 19.995 min Scan# 2835
Delta R.T. -0.002 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB132782BL

Tgt Ion:244 Resp: 1692425
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 7.3 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.836 min Scan# 3659
Delta R.T. -0.002 min
Lab File: BG047215.D
Acq: 4 Nov 2020 17:36

Tgt Ion:264 Resp: 439442
Ion Ratio Lower Upper
264 100
260 24.6 18.8 28.2
265 22.1 17.8 26.8

